



IRC


CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name James Schmidt		Jurisdiction/Company/Organization North Dakota State Electrical Board	
Signature 		Address 1929 N. Washington St. Ste. A-1	
City Bismarck		State ND	ZIP Code 58507-7335
Telephone Number (701) 328-9522		Email jameschmidt@nd.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input checked="" type="checkbox"/> Other <u>Page 13 of the ND State Building Code</u>	
Revision SECOND: Wherever the International Plumbing Code and International Electrical Code are referenced, you must substitute the reference with the North Dakota State Plumbing Code and the Wiring Standards of North Dakota. Also note that the State Building Code does not include the International Property Maintenance Code or the International Fire Code. These codes, to be in effect, must be adopted separately by each city, county, or township.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
SECOND: Wherever the International Plumbing Code and International Electrical Code(s) are referenced, you must substitute the reference with the North Dakota State Plumbing Code and the Wiring Standards of North Dakota. Also note that the State Building Code does not include the International Property Maintenance Code or the International Fire Code. These codes, to be in effect, must be adopted separately by each city, county, or township.			
Reason: The current wording in this paragraph implies there is an "International Electrical Code" such as the International Plumbing code or International Building Code etc. There are however international electrical codes written within the I-Codes but there is not an "International Electrical Code" This small revision will clarify there are electrical codes but not an International Electrical Code.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision Section R101.1 Title. These provisions shall be known as the Residential Code for One- and Two family Dwellings of [NAME OF JURISDICTION], and shall be cited as such and will be referred to herein as "this code."			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section R 1 0 1 . 1 Title. These provisions shall be known as the Residential Code for One- and Two-family Dwellings of the local jurisdiction and shall be cited as such and will be referred to herein as "this code."			
Reason: (attach additional pages if necessary) Historical Amendment to administrative rules.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

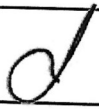
CODE AMENDMENT SUBMITTAL
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Name City of Fargo	Jurisdiction/Company/Organization Fargo	
Signature 	Address 225 4th St N	
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Telephone Number (701) 476-4147	Email SOuradnik@FargoND.gov	
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<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code	
<input type="checkbox"/> Other _____		
Revision		
Section R104.8 Liability. The building official, member of the board of appeals or employee charged with the enforcement of this code, while acting for the jurisdiction in good faith and without malice in the discharge of the duties required by this code or other pertinent law or ordinance, shall not thereby be rendered civilly or criminally liable personally and is hereby relieved from personal liability for any damage accruing to persons or property as a result of any		
Check One and Complete (attach additional pages if necessary)		
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete		
Section R104.8 Liability. The building official, member of the board of appeals or employee charged with the enforcement of this code, while acting for the jurisdiction in good faith and without malice in the discharge of the duties required by this code or other pertinent law or ordinance, shall not thereby be rendered civilly or criminally liable personally and is hereby relieved from personal liability for any damage accruing to persons or property as a result of any act or by reason of an act or omission in the discharge of official duties.		
This code shall not be construed to relieve from or lessen the responsibility of any person owning, operating, or		
Reason: (attach additional pages if necessary)		
Historical Amendment to administrative rules.		
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496		

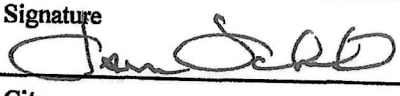
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<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code		
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code		
<input type="checkbox"/> Other _____			
Revision Section R104.8.1 Legal Defense			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section R104.8.1 Legal defense. Any suit or criminal complaint instituted against an officer or employee because of an act or omission performed by that officer or employee in the lawful discharge of duties and under the provisions of this code shall be afforded all the immunities and defenses provided by other applicable local, state or federal laws. The building official or any subordinate shall not be liable for cost in any action, suit or proceeding that is instituted in pursuance of the provisions of this code.			
Reason: (attach additional pages if necessary) Historical Amendment to administrative rules.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

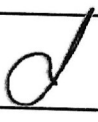
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<input type="checkbox"/> 2018 International Building Code <input type="checkbox"/> 2018 International Residential Code <input type="checkbox"/> 2018 International Mechanical Code <input type="checkbox"/> 2018 International Fuel Gas Code <input type="checkbox"/> 2018 International Energy Conservation Code <input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 International Building Code <input checked="" type="checkbox"/> 2021 International Residential Code <input type="checkbox"/> 2021 International Mechanical Code <input type="checkbox"/> 2021 International Fuel Gas Code <input type="checkbox"/> 2021 International Energy Conservation Code <input type="checkbox"/> 2021 Existing Building Code <input type="checkbox"/> Other _____	
Revision Section R105.2 Work exempt from permit			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section R105.2 Work exempt from permit. Exemption from permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction. Permits shall not be required for the following:			
Building: 1. One-story detached accessory structures provided the floor area does not exceed 120 square feet. 2. Fences not over 8.5 feet high.			
Reason: (attach additional pages if necessary)			
Historical Amendment.			
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Telephone Number (701) 328-9522		Email jameschmidt@nd.gov	
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<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
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<input type="checkbox"/> 2018 International Fuel Gas Code		<input checked="" type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input checked="" type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input checked="" type="checkbox"/> 2021 Existing Building Code	
<input type="checkbox"/> Other _____			
Revision Sections 201.3			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
201.3 Where terms are not defined in this code such terms shall have meaning ascribed to them as in other code publications of the International Code Council. <u>Whenever electrical codes are referenced by the International Code Council (ICC) in the International Building Code, International Residential Code, International Mechanical Code, International Fuel Gas Code, International Energy Code, Existing Building Code, it shall mean the most recent versions of the National Electrical Code and the North Dakota State Wiring Standards adopted by the North Dakota State Electrical Board and the most recent versions of the Uniform Plumbing Code and the Laws, Rules and Plumbing Installation Standards of North Dakota adopted by the North Dakota State Plumbing Board.</u>			
Reason: (attach additional pages if necessary) Existing amendment clarifies references to applicable electrical codes and wiring standards which are adopted by the North Dakota State Electrical Board and to applicable plumbing standards which are adopted by the North Dakota State Plumbing Board.			
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Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2018 International Residential Code	<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2018 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 International Building Code	<input checked="" type="checkbox"/> 2021 International Residential Code
		<input type="checkbox"/> 2021 International Mechanical Code	<input type="checkbox"/> 2021 International Fuel Gas Code
		<input type="checkbox"/> 2021 International Energy Conservation Code	<input type="checkbox"/> 2021 Existing Building Code
		<input type="checkbox"/> Other _____	
Revision Section R301.2.4 Floodplain construction			
Check One and Complete (attach additional pages if necessary)			
<input type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input checked="" type="checkbox"/> Delete			
Section R301.2.4 Floodplain construction is hereby deleted in its entirety.			
Reason: (attach additional pages if necessary)			
Floodplain			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

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Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	

Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Table R302.1(1) Exterior walls

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete

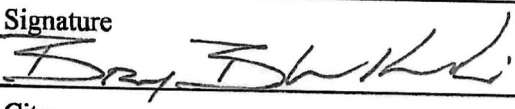
The fourth column is hereby amended as follows:
 0 feet
 3 feet
 <2 feet
 2 feet to <3 feet
 >3feet <3 feet 3 feet 5 feet < 3 feet 3 feet

Reason: (attach additional pages if necessary)

Historical Amendment.

SEND TO:
 Department of Commerce
 Division of Community Service
 PO Box 2057
 Bismarck, ND 58502-2057
 (701) 665-4496

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name Brady Blaskowski		Jurisdiction/Company/Organization City of Bismarck	
Signature 		Address	
City Bismarck		State ND	ZIP Code 58503
Telephone Number (701) 355-1467		Email bblaskowski@bismarcknd.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> Other _____	
Revision This is a revision to section R302.3 Two Family Dwellings.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
(See Attached)			
Reason: (attach additional pages if necessary) The code language added to the 2021 code creates a conflict with section R302.1 and local zoning ordinances.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

2021 IRC CODE AMENDMENT SUBMITTAL, 4/25/22


R302.3 Two-family dwellings.

Dwelling units in two-family dwellings shall be separated from each other by wall and floor assemblies having not less than a 1-hour fire-resistance rating where tested in accordance with ASTM E119, UL 263 or Section 703.2.2 of the International Building Code. ~~Such separation shall be provided regardless of whether a lot line exists between the two dwelling units or not.~~ Fire-resistance-rated floor/ceiling and wall assemblies shall extend to and be tight against the exterior wall, and wall assemblies shall extend from the foundation to the underside of the roof sheathing.

Exceptions:

1. A fire-resistance rating of 1/2 hour shall be permitted in buildings equipped throughout with an automatic sprinkler system installed in accordance with Section P2904.
2. Wall assemblies need not extend through attic spaces where the ceiling is protected by not less than 5/8-inch (15.9 mm) Type X gypsum board, an attic draft stop constructed as specified in Section R302.12.1 is provided above and along the wall assembly separating the dwellings and the structural framing supporting the ceiling is protected by not less than 1/2-inch (12.7 mm) gypsum board or equivalent.

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)


Name Brady Blaskowski		Jurisdiction/Company/Organization City of Bismarck	
Signature 		Address	
City Bismarck		State ND	ZIP Code 58503
Telephone Number (701) 355-1467		Email bblaskowski@bismarcknd.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
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<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision This is new section, R302.3.2			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input checked="" type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
(See Attached)			
Reason: (attach additional pages if necessary)			
This new section clarifies the fire-resistant construction requirements when a property line is placed between two single family dwelling units within a two-family dwelling.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

2021 IRC CODE AMENDMENT SUBMITTAL, 4/25/22


R302.3.2 Property line separation.

Where dwelling units within a two-family dwelling are separated by a property line, the walls separating dwelling units shall be constructed in accordance with Section R302.2.1 or R302.2.2 and shall comply with sections 302.2.3 through R302.2.6, as applicable.


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Code to be Revised			
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<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision Section R302.5.1 Opening protection			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section R302.5.1 Opening Protection. Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 1 3/8 inches (35 mm) in thickness, solid or honeycomb-core steel doors not less than 1 3/8 inches (35 mm) thick, or 20- minute fire-rated doors.			
Reason: (attach additional pages if necessary) Historical Amendment. Removes the self latching and self closing requirement.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

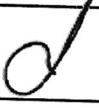
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<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code		
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code		
	<input type="checkbox"/> Other _____		
Revision Section R303.4 Mechanical ventilation			
Check One and Complete (attach additional pages if necessary)			
<input type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input checked="" type="checkbox"/> Delete			
Section R303.4 is hereby deleted in its entirety.			
Reason: (attach additional pages if necessary) Historical Amendment.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

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<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code	
<input type="checkbox"/> Other _____		
Revision Section R307.1 Space required.		
Check One and Complete (attach additional pages if necessary)		
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete		
Section R307.1 Space required. Fixtures shall be spaced in accordance with the requirements of North Dakota State Plumbing Code and per Figure R307.1, with the exception of the clearance in front of water closets and bidets which shall be at least 24 inches.		
Reason: (attach additional pages if necessary) Historical Amendment.		
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<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Section R310.2.3 Window Sill Height

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete

Section R310.2.3 Window sill height. Where a window is provided as the emergency escape and rescue opening, it shall have a sill height of not more than 44 inches (1118 mm) above the floor; where the sill height is below grade it shall be provided with a window well in accordance with Section R310.4. Sill height shall be measured from the finished floor to the bottom of the clear opening.


Exception: Below grade emergency escape and rescue windows may have a maximum sill height of 48 inches.

Reason: (attach additional pages if necessary)

Historical Amendment. Adds exception for below grade window to be 48 inches above the floor not 44 inches.

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<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
Section R310.4.2 Ladder and Steps.

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete

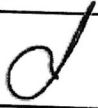
Section R310.4.2 Ladder and steps. Window wells with a vertical depth greater than 44 inches (1118 mm) shall be equipped with a permanently affixed ladder or steps usable with the window in the fully open position or shall be equipped with a permanently-attached platform at least 30 inches by 16 inches. The maximum distance between the top of the window well and a platform shall be 42 inches and shall not impede the operation of the window. Ladders or steps required by this section shall not be required to comply with Sections R311.7 and R311.8. Ladders or rungs shall have an inside width of at least 12 inches (305 mm), shall project at least 3 inches (76 mm) from the wall and shall be spaced not more than 18 inches (457 mm) on center vertically for the full height of the window well.

Reason: (attach additional pages if necessary)

Historical Amendment.

SEND TO:
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CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name City of Fargo	Jurisdiction/Company/Organization Fargo	
Signature 	Address 225 4th St N	
City Fargo ND	State ND	ZIP Code 58102
Telephone Number (701) 476-4147	Email SOuradnik@FargoND.gov	

Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Section R311.3 Floors and landings at exterior doors.

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete

R311.3 Exceptions:


1. Exterior balconies less than 60 square feet (5.6 m²) and only accessible from a door are permitted to have a landing less than 36 inches (914 mm) measured in the direction of travel.
2. A landing is not required on the outside of exterior doors other than the required egress door, where a stairway with a total rise of less than 30 inches (762 mm) is located on the exterior side of the door. provided the door does not swing

Reason: (attach additional pages if necessary)


Historical Amendment. Adds exception 2.

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Name City of Fargo	Jurisdiction/Company/Organization Fargo	
Signature 	Address 225 4th St N	
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Telephone Number (701) 476-4147	Email SOuradnik@FargoND.gov	
Code to be Revised		
<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code	
<input type="checkbox"/> Other _____		
Revision Section R311.3.1 Floor elevations at the required egress door.		
Check One and Complete (attach additional pages if necessary)		
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete		
Section R311.3.1 Floor elevations at the required egress door. Landings or finished floors at the required egress door shall not be more than 1½ inches (38 mm) lower than the top of the threshold. Exception: The landing or floor on the exterior side shall not be more than 8 inches below the top of the threshold provided the door does not swing over the landing or floor. Where exterior landings or floors serving the required egress door are not at grade, they shall be provided with access to		
Reason: (attach additional pages if necessary) Historical Amendment.		
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Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Section R311.3.2 Floor elevations for other exterior doors.

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete

Section R311.3.2 Floor elevations for other exterior doors. Doors other than the required egress door shall be provided with landings or floors not more than 8 inches below the top of the threshold.


Exception: A landing is not required where a stairway with a total rise of less than 30 inches (762 mm) is located

Reason: (attach additional pages if necessary)

Historical Amendment. Adds an exception for landings.

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Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Section R311.7.5.1 Riser height.

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete


Section R311.7.5.1 Riser height. The riser height shall not be more than 8 inches.

Reason: (attach additional pages if necessary)

Historical Amendment. Changes riser height to 8 inches.

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Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	

Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
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<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Section R311.7.5.2 Tread depth.

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete

Section R311.7.5.2 Tread depth. The minimum tread depth shall be 9 inches. The tread depth shall be measured horizontally between the vertical planes of the foremost projection of adjacent treads and at a right angle to the tread's leading edge. The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3/8 inch (9.5 mm).


Exception: Where a landing is not provided or required by section R311.3, R311.3.2 or R311.7.6, the top tread of a stair serving exterior doors other than the required exit door, and in-swinging doors opening into an attached garage, shall be

Reason: (attach additional pages if necessary)


Historical Amendment. Changes tread depth to 9 inches and adds exception.

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Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> Other _____	
Revision Section R311.7.5.2.1 Winder treads			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section R311.7.5.2.1 Winder treads. Winder treads shall have a minimum tread depth of 9 inches measured between the vertical planes of the foremost projection of adjacent treads at the intersections with the walk line.			
Reason: (attach additional pages if necessary) Historical Amendment. Changes depth to 9 inches.			
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City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code <input type="checkbox"/> 2018 International Residential Code <input type="checkbox"/> 2018 International Mechanical Code <input type="checkbox"/> 2018 International Fuel Gas Code <input type="checkbox"/> 2018 International Energy Conservation Code <input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 International Building Code <input checked="" type="checkbox"/> 2021 International Residential Code <input type="checkbox"/> 2021 International Mechanical Code <input type="checkbox"/> 2021 International Fuel Gas Code <input type="checkbox"/> 2021 International Energy Conservation Code <input type="checkbox"/> 2021 Existing Building Code <input type="checkbox"/> Other _____	
Revision Section R311.7.6 Landings for stairways.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section R311.7.6 Landings for stairways. There shall be a floor or landing at the top and bottom of each stairway.			
Exceptions:			
1. A floor or landing is not required at the top of an interior flight of stairs, including stairs in an enclosed garage, provided a door does not swing over the stairs.			
Reason: (attach additional pages if necessary)			
Historical Amendment.			
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Code to be Revised		
<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code	
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<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code	
<input type="checkbox"/> Other _____		
Revision Section R312.1.1 Where Required.		
Check One and Complete (attach additional pages if necessary)		
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete		
Section R312.1.1 Where Required: Guards shall be provided for those portions of open-sided walking surfaces, stairs, ramps and landings that are located more than 30 inches (762 mm) measured vertically to the floor or grade below. Insect screening shall not be considered as a guard.		
Reason: (attach additional pages if necessary) Historical Amendment. Removes "at any point within 36 inches (914 mm) horizontally to the edge of the open side."		
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Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	

Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
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<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Section R313.1 Townhouse automatic fire sprinkler systems.

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete

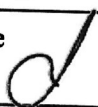
Section R313.1 Townhouse automatic fire sprinkler systems. R313.1 Townhouse automatic fire sprinkler systems. An automatic residential sprinkler system shall be installed in townhouses where the townhouses are located on a private street or private fire department access road that is required to be greater than 150 feet in length as required by Section 503 of the International Fire Code.

Reason: (attach additional pages if necessary)

Historical Amendment. Establishes requirements for Townhouse automatic fire sprinkler systems and fire access.

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CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

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Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	

Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Section R313.1.1 Design and Installation

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete


R313.1.1 Design and installation. Automatic residential fire sprinkler systems for townhouses shall be designed and installed in accordance with NFPA 13D, NFPA 13R or NFPA 13.

Reason: (attach additional pages if necessary)

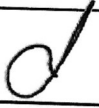
Historical Amendment.

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CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name James Schmidt		Jurisdiction/Company/Organization North Dakota State Electrical Board	
Signature 		Address 1929 N. Washington St. Ste. A-1	
City Bismarck		State ND	ZIP Code 58507-7335
Telephone Number (701) 328-9522		Email jameschmidt@nd.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code <input type="checkbox"/> 2018 International Residential Code <input type="checkbox"/> 2018 International Mechanical Code <input type="checkbox"/> 2018 International Fuel Gas Code <input type="checkbox"/> 2018 International Energy Conservation Code <input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 International Building Code <input checked="" type="checkbox"/> 2021 International Residential Code <input type="checkbox"/> 2021 International Mechanical Code <input type="checkbox"/> 2021 International Fuel Gas Code <input type="checkbox"/> 2021 International Energy Conservation Code <input type="checkbox"/> 2021 Existing Building Code <input type="checkbox"/> Other _____	
Revision Sections R315.3			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Carbon monoxide alarms in dwelling units shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms. <u>A minimum of one carbon monoxide alarm shall also be installed on each level of the dwelling unit.</u> Where a fuel-burning appliance is located within a bedroom or its attached bathroom, a carbon monoxide alarm shall be installed within the bedroom.			
Reason: (attach additional pages if necessary)			
There have been 2 recent news articles detailing issues with carbon monoxide. Dec 20 2021 a family of 7 died in their home due to carbon monoxide poisoning, the furnace was to blame. (Moorhead) Dec 22, 2021 2 Fargo residents were hospitalized due to carbon monoxide poisoning, the boiler was the blame. A family member of an employee of the NDSEB contacted the Fire Department as their CO2 detectors were going off and it was found that high levels of CO2 were indeed found in the home. Many homes are two stories were the furnace is located within the basement and the bedrooms are on the second floor leaving no CO2 detection method for the main floor.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

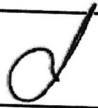
CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SEN 50180 (10/21)

Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> Other _____	
Revision SECTION R322 FLOOD-RESISTANT CONSTRUCTION			
Check One and Complete (attach additional pages if necessary)			
<input type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input checked="" type="checkbox"/> Delete			
SECTION R322 FLOOD-RESISTANT CONSTRUCTION Deleted in its entirety.			
Reason: (attach additional pages if necessary) FLOOD-RESISTANT CONSTRUCTION			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
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Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2018 International Residential Code	<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2018 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 International Building Code	<input checked="" type="checkbox"/> 2021 International Residential Code
		<input type="checkbox"/> 2021 International Mechanical Code	<input type="checkbox"/> 2021 International Fuel Gas Code
		<input type="checkbox"/> 2021 International Energy Conservation Code	<input type="checkbox"/> 2021 Existing Building Code
		<input type="checkbox"/> Other _____	
Revision SECTION R327 SWIMMING POOLS, SPAS AND HOT TUBS			
Check One and Complete (attach additional pages if necessary)			
<input type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input checked="" type="checkbox"/> Delete			
SECTION R327 SWIMMING POOLS, SPAS AND HOT TUBS Deleted in its entirety.			
Reason: (attach additional pages if necessary) We do not adopt this code.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SN 50180 (10/21)

Name City of Fargo	Jurisdiction/Company/Organization Fargo	
Signature 	Address 225 4th St N	
City Fargo ND	State ND	ZIP Code 58102
Telephone Number (701) 476-4147	Email SOuradnik@FargoND.gov	

Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
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<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
Section R401.3 Drainage.

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete


R401.3 Drainage. Surface drainage shall be diverted to a storm sewer conveyance or other approved point of collection. Lots shall be graded to drain surface water away from foundation walls.

Reason: (attach additional pages if necessary)


Historical Amendment. Removes specific requirements for drainage and slope.

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CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name James Schmidt		Jurisdiction/Company/Organization North Dakota State Electrical Board	
Signature 		Address 1929 N. Washington St. Ste. A-1	
City Bismarck		State ND	ZIP Code 58507-7335
Telephone Number (701) 328-9522		Email jamesschmidt@nd.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code <input type="checkbox"/> 2018 International Residential Code <input type="checkbox"/> 2018 International Mechanical Code <input type="checkbox"/> 2018 International Fuel Gas Code <input type="checkbox"/> 2018 International Energy Conservation Code <input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 International Building Code <input checked="" type="checkbox"/> 2021 International Residential Code <input type="checkbox"/> 2021 International Mechanical Code <input type="checkbox"/> 2021 International Fuel Gas Code <input type="checkbox"/> 2021 International Energy Conservation Code <input type="checkbox"/> 2021 Existing Building Code <input type="checkbox"/> Other _____	
Revision Section 403.1			
Check One and Complete (attach additional pages if necessary)			
<input type="checkbox"/> Revise as follows: <input checked="" type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
<u>There shall be a concrete encased rebar stubbed out near the electrical service for grounding of the electrical system located within the foundation or footing as per the requirements of the most recently adopted version of the National Electrical Code and the North Dakota State Wiring Standards. Coordinate with the Electrical Contractor.</u>			
Reason: (attach additional pages if necessary) This amendment clarifies references to applicable electrical codes and wiring standards for grounding which are adopted by the North Dakota State Electrical Board.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

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City Fargo ND		State ND	ZIP Code 58102
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Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
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<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Section R403.1.4.1 Frost Protection

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete

Exceptions:


1. Protection of freestanding accessory structures of light framed construction shall not be required.
2. Protection of freestanding accessory structures with an area of 400 square feet or less, of other than light-framed construction shall not be required.

Reason: (attach additional pages if necessary)

Historical Amendment.

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 (701) 665-4496

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name James Schmidt		Jurisdiction/Company/Organization North Dakota State Electrical Board	
Signature 		Address 1929 N. Washington St. Ste. A-1	
City Bismarck		State ND	ZIP Code 58507-7335
Telephone Number (701) 328-9522		Email jameschmidt@nd.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
<input type="checkbox"/> Other _____			
Revision Section 404.1			
Check One and Complete (attach additional pages if necessary)			
<input type="checkbox"/> Revise as follows: <input checked="" type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
There shall be a concrete encased rebar stubbed out near the electrical service for grounding of the electrical system located within the foundation or footing as per the requirements of the most recently adopted version of the National Electrical Code and the North Dakota State Wiring Standards. Coordinate with the Electrical Contractor.			
Reason: (attach additional pages if necessary) This amendment clarifies references to applicable electrical codes and wiring standards for grounding which are adopted by the North Dakota State Electrical Board.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

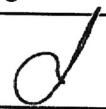
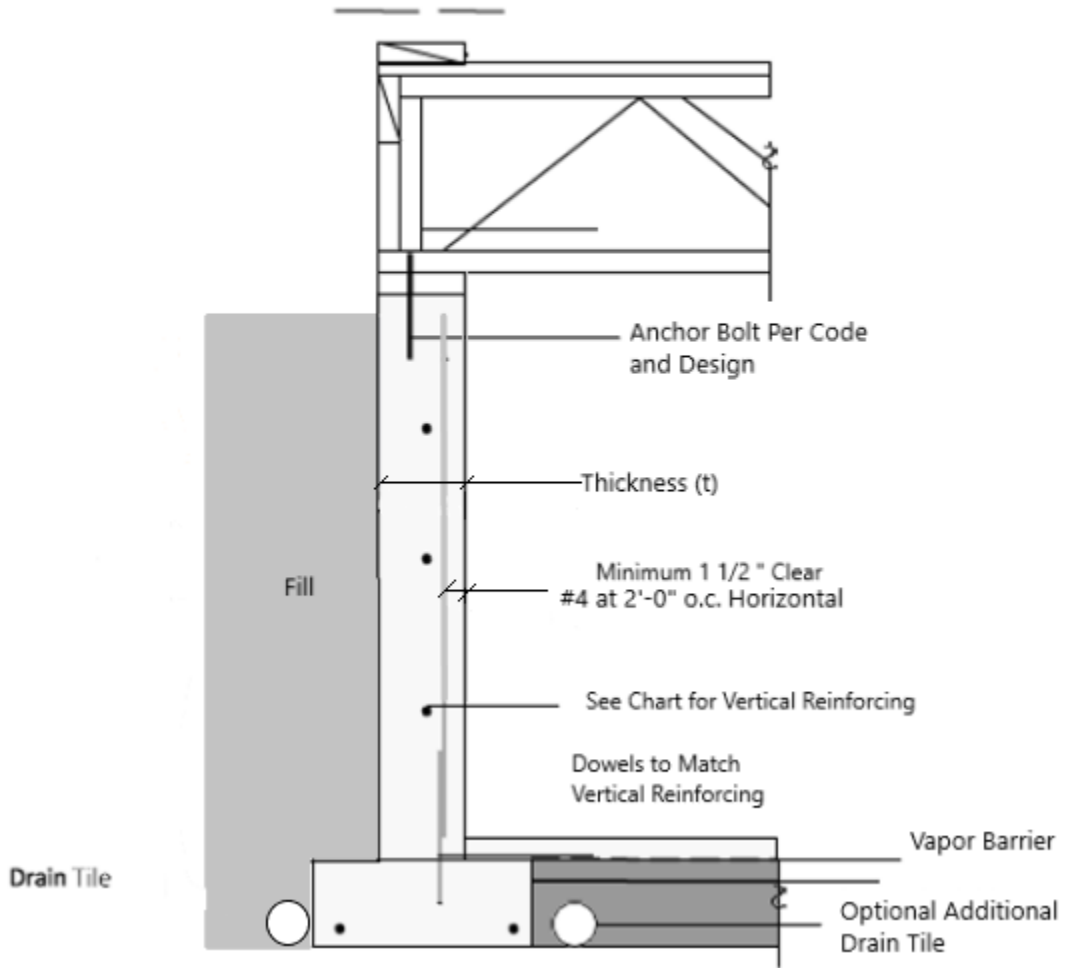
Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
<input type="checkbox"/> Other _____			
Revision Figure R404.1.2 (1)			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
See attached sheet			
Reason: (attach additional pages if necessary) Historical Amendment.			
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FIGURE R404.1.2 (1) referred to in Section 404.1.2

Figure R404.1.2

(1)



CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)


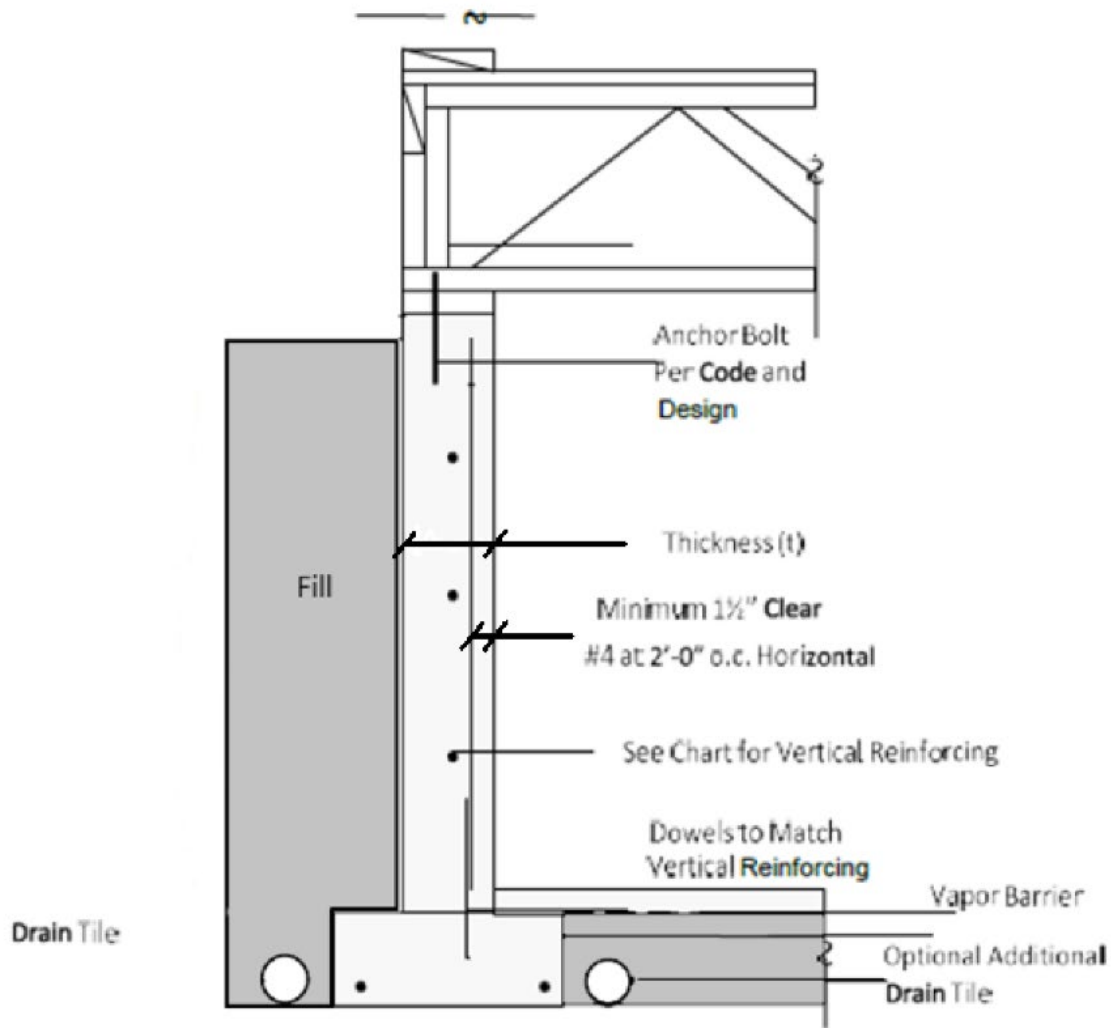
Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised		<input type="checkbox"/> 2021 International Building Code <input checked="" type="checkbox"/> 2021 International Residential Code <input type="checkbox"/> 2021 International Mechanical Code <input type="checkbox"/> 2021 International Fuel Gas Code <input type="checkbox"/> 2021 International Energy Conservation Code <input type="checkbox"/> 2021 Existing Building Code <input type="checkbox"/> Other _____	
Revision FIGURE R404.1.2(2), referred to in Section 404.1.2			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
See attached sheet			
Reason: (attach additional pages if necessary) Historical Amendment.			
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FIGURE R404.1.2(2)



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Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision Table R404.1.2 (10)			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
See attached sheet			
Reason: (attach additional pages if necessary) Historical Amendment.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

Table R404.1.2 (10)

Add as follows:

**Table R404.1.2(10)
Foundation Wall Reinforcing**

Active Pressure = 45pcf

Minimum Reinforcement for Concrete Foundation Walls		
Wall Height (h) feet	Wall Thickness (t) inches	Vertical Reinforcing
8	8	#4 @ 24" o.c. #5 @ 40" o.c.
	10	#4 @ 30" o.c. #5 @ 50" o.c.
9	8	#4 @ 18" o.c. #5 @ 28" o.c.
	10	#4 @ 24" o.c. #5 @ 36" o.c.
10	10	#4 @ 16" o.c. #5 @ 26" o.c.

Notes:

1. Chart is based on an active soil pressure of 45 pounds per cubic foot(pcf).
2. Reinforcing steel shall be ASTM A615 Fy – 60,000 pounds per square inch(psi).
3. The vertical reinforcing bars are to be located on the inside face.
4. Minimum concrete strength $F_c^1 = 3,000$ pounds per square inch (psi).
5. Backfill shall not be placed until first floor framing and sheathing is installed and fastened or adequately braced and the concrete floor slab is in place or the wall is adequately braced.

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

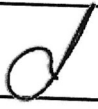
Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code <input type="checkbox"/> 2018 International Residential Code <input type="checkbox"/> 2018 International Mechanical Code <input type="checkbox"/> 2018 International Fuel Gas Code <input type="checkbox"/> 2018 International Energy Conservation Code <input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 International Building Code <input checked="" type="checkbox"/> 2021 International Residential Code <input type="checkbox"/> 2021 International Mechanical Code <input type="checkbox"/> 2021 International Fuel Gas Code <input type="checkbox"/> 2021 International Energy Conservation Code <input type="checkbox"/> 2021 Existing Building Code <input type="checkbox"/> Other _____	
Revision Table R404.1.2(11)			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
See attached sheet			
Reason: (attach additional pages if necessary) Historical Amendment.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

Table R404.1.2(11)

Add as follows:

**Table R404.1.2(11)
Foundation Wall Reinforcing**


Active Pressure = 65 pcf

Minimum Reinforcement for Concrete Foundation Walls		
Wall Height (h) Feet	Wall Thickness (t) inches	Vertical Reinforcing
8	8	#4 @ 18" o.c. #5 @ 26" o.c. #6 @ 40" o.c.
	10	#4 @ 24" o.c. #5 @ 36" o.c. #6 @ 52" o.c.
9	8	#4 @ 12" o.c. #5 @ 18" o.c. #6 @ 26" o.c.
	10	#4 @ 16" o.c. #5 @ 24" o.c. #6 @ 36" o.c.
10	10	#4 @ 12" o.c. #5 @ 18" o.c. #6 @ 24" o.c.

Notes:

1. Chart is based on an active soil pressure of 65 pounds per cubic foot(pcf).
2. Reinforcing steel shall be ASTM A615 Fy – 60,000 pounds per square inch(psi).
3. The vertical reinforcing bars are to be located on the inside face.
4. Minimum concrete strength $F_c^1 = 3,000$ pounds per square inch (psi).
5. Backfill shall not be placed until first floor framing and sheathing is installed and fastened or adequately braced and the concrete floor slab is in place or the wall is adequately braced.

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Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	

Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Section R404.1.3.2 Reinforcement for foundation walls.

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete


Section R404.1.3.2 Reinforcement for foundation walls. Concrete foundation walls shall be laterally supported at the top and bottom. Horizontal reinforcement shall be provided in accordance with Table R404.1.2(1). Vertical reinforcement shall be provided in accordance with Table R404.1.2(2), R404.1.2(3), R404.1.2(4), R404.1.2(5), R404.1.2(6), R404.1.2(7), or R404.1.2(8), or Table R404.1.2(10) and Figure R404.1.2(1) or Table R404.1.2(11) and Figure R404.1.2(2). Vertical reinforcement for flat basement walls retaining 4 feet (1219mm) or more of unbalanced backfill is permitted to be determined in accordance with Table R404.1.2(9). For basement walls supporting above-grade concrete walls, vertical reinforcement shall be the greater of that required by Tables R404.1.2(2) through R404.1.2(8) or by Section R611.6 for

Reason: (attach additional pages if necessary)

Historical Amendment.

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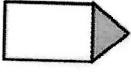
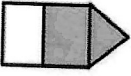
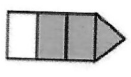
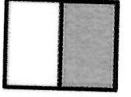
CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision Section R507.3 Footings			
Check One and Complete (attach additional pages if necessary)			
<input type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input checked="" type="checkbox"/> Delete			
Section R507.3 is hereby deleted in its entirety.			
Reason: (attach additional pages if necessary) Historical Amendment.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name Jeff Satler		Jurisdiction/Company/Organization Sattler Home's Inc.	
Signature <i>Jeff Sattler</i>		Address PO Box 7218	
City Bismarck		State ND	ZIP Code 58507
Telephone Number (701) 255-7628		Email jeff@bismarckbuilder.com	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code		
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code		
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code		
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code		
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code		
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code		
	<input type="checkbox"/> Other _____		
Revision Table R602.3(5) Size, Height and Spacing of Wood Studs Change wall heights to 12'			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Table shown on 2nd page			
Reason: (attach additional pages if necessary) Align new building code to currently enforced rules in some jurisdictions across the State.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			


TABLE R602.3(5) SIZE, HEIGHT AND SPACING OF WOOD STUDS^a

STUD SIZE (inches)	BEARING WALLS					NONBEARING WALLS	
	Laterally unsupported stud height ^a (feet)	Maximum spacing where supporting a roof-ceiling assembly or a habitable attic assembly, only (inches)	Maximum spacing where supporting one floor, plus a roof-ceiling assembly or a habitable attic assembly (inches)	Maximum spacing where supporting two floors, plus a roof-ceiling assembly or a habitable attic assembly (inches)	Maximum spacing where supporting one floor height ^a (inches)	Laterally unsupported stud height ^a (feet)	Maximum spacing (inches)
2 x 3 ^b	—					—	—
2 x 4	10 12	24 ^c	18 ^c	—	—	10	16
3 x 4	12	24	24	16	24	14	24
2 x 5	12	24	24	—	24	16	24
2 x 6	10 12	24	24	16	24	20	24

For SI: 1 inch = 25.4 mm; 1 foot = 304.8 mm.

- a. Listed heights are distances between points of lateral support placed perpendicular to the plane of the wall. Bearing walls shall be sheathed on not less than one side or bridging shall be installed not greater than 4 feet apart measured vertically from either end of the stud. Increases in unsupported height are permitted where in compliance with Exception 2 of Section R602.3.1 or designed in accordance with accepted engineering practice.
- b. ~~When the roof span exceeds 32 feet, the wall studs shall be increased to 2 x 6 or the studs shall be designed in accordance with accepted engineering practice.~~
- c. A habitable attic assembly supported by 2 x 4 studs is limited to a roof span of 32 feet. Where the roof span exceeds 32 feet, the wall studs shall be increased to 2 x 6 or the studs shall be designed in accordance with accepted engineering practice.

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	

Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Section R602.7.2 Rim board headers.

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete


Section R602.7.2 Rim board headers. Rim board header size, material and span shall be in accordance with Table R602.7 (1). Rim board headers shall be constructed in accordance with Figure R602.7.2 and shall be supported at each end by full-height studs. Rim board headers supporting concentrated loads shall be designed in accordance with accepted engineering practice.

Reason: (attach additional pages if necessary)

Historical Amendment.

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CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name City of Fargo	Jurisdiction/Company/Organization Fargo	
Signature 	Address 225 4th St N	
City Fargo ND	State ND	ZIP Code 58102
Telephone Number (701) 476-4147	Email SOuradnik@FargoND.gov	

Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Section R602.7.5 Supports for headers.

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete


Section R602.7.5 Supports for headers. Headers shall be supported on each end with one or more jack studs or with approved framing anchors in accordance with Table R602.7(1) or R602.7(2). The full-height stud adjacent to each end of the header shall be end nailed to each end of the header with four-16d nails (3.5 inches x 0.135 inches).

Reason: (attach additional pages if necessary)

Historical Amendment.

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CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name City of Fargo	Jurisdiction/Company/Organization Fargo	
Signature 	Address 225 4th St N	
City Fargo ND	State ND	ZIP Code 58102
Telephone Number (701) 476-4147	Email SOuradnik@FargoND.gov	

Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
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<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 TABLE R1102.1.2 (R402.1.2)
 MAXIMUM ASSEMBLY U-FACTORS AND FENESTRATION REQUIREMENTS

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete

Revise as follows:

Climate Zone	###	Frame Wall U-Factor	###	Basement Wall U-Factor
6	###	0.057	###	0.059
7 and 8	###	0.057	###	0.059

(Balance of table remains the same)
 Reason: (attach additional pages if necessary)

 Historical Amendment.

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CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

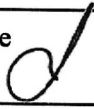
Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised		<input type="checkbox"/> 2021 International Building Code <input checked="" type="checkbox"/> 2021 International Residential Code <input type="checkbox"/> 2021 International Mechanical Code <input type="checkbox"/> 2021 International Fuel Gas Code <input type="checkbox"/> 2021 International Energy Conservation Code <input type="checkbox"/> 2021 Existing Building Code <input type="checkbox"/> Other _____	
Revision Table N1102.1.3(R402.1.3) Insulation and Fenestration Requirements By Component			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
See attached			
Reason: (attach additional pages if necessary)			
Historical Amendment.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

TABLE N1102.1.3 (R402.1.3)
INSULATION MINIMUM R-VALUES AND FENESTRATION REQUIREMENTS BY COMPONENT^a

CLIMATE ZONE	FENESTRATION U-FACTOR ^{b,1}	SKYLIGHT ^b U-FACTOR	GLAZED FENESTRATION SHGC ^{b,2}	CEILING R-VALUE	WOODFRAME WALL R-VALUE ³	MASS WALL R-VALUE ^h	FLOOR R-VALUE	BASEMENT ^{c,g} WALL R-VALUE	SLAB ^d R-VALUE & DEPTH	CRAWL SPACE ^{e,g} WALL R-VALUE
5 and Marine 4	0.30	0.55	0.40	60	20 + 5 or 13 + 10ci or 0 + 15	13/17	30	15ci or 19 or 13 + 5ci	10ci, 4 ft	15ci or 19 or 13 + 5ci
6	0.30	0.55	NR	49	21 or 13 + 5 ci	15/20	30	10/13	10ci, 4 ft	15ci or 19 or 13 + 5ci
7 and 8	0.30	0.55	NR	60	20 + 5ci or 13 + 10ci or 0 + 20	19/21	38	15ci or 19 or 13 + 5ci	10ci, 4 ft	15ci or 1 9 or 13 + 5ci

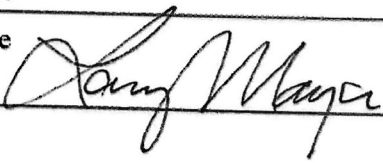
CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name Jeff Sattler		Jurisdiction/Company/Organization Sattler Home's Inc.	
Signature <i>Jeff Sattler</i>		Address PO Box 7218	
City Bismarck		State ND	ZIP Code 58507
Telephone Number (701) 255-7628		Email Jeff@bismarckbuilder.com	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code		
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code		
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code		
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code		
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code		
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code		
	<input type="checkbox"/> Other _____		
Revision Amend table N1102.1.3 (R402.1.3I Insulation Minimum R-Values and Fenestration Requirements by Component)			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Revise as attached table			
Reason: (attach additional pages if necessary) Continue the past amendments that have been made in North Dakota to this section. Cost to meet new regulations do not pay for themselves over the span of a typical mortgage.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

TABLE N1102.1.3 (R402.1.3) INSULATION MINIMUM R-VALUES AND FENESTRATION REQUIREMENTS BY COMPONENT^a

CLIMATE ZONE	FENESTRATION U-FACTOR ^{b,i}	SKYLIGHT ^b U-FACTOR	GLAZED FENESTRATION SHGC ^{b,e}	CEILING R-VALUE	WOOD FRAME WALL R-VALUE ^g	MASS WALL R-VALUE ^h	FLOOR R-VALUE	BASEMENT ^{c,d} WALL R-VALUE	SLAB ^d R-VALUE & DEPTH	CRAWL SPACE ^{c,d} WALL R-VALUE
0	NR	0.75	0.25	30	13 or 0&10ci	3/4	13	0	0	0
1	NR	0.75	0.25	30	13 or 0&10ci	3/4	13	0	0	0
2	0.40	0.65	0.25	49	13 or 0&10ci	4/8	13	0	0	0
3	0.30	0.55	0.25	49	20 or 13&10ci ^h or 0&15ci ^h	8/13	19	5ci or 13 ^f	10ci, 2 ft	5ci or 13 ^f
4 except Marine	0.30	0.55	0.40	60	30 or 20&5ci ^h or 13&10ci ^h or 0&20ci ^h	8/13	19	10ci or 13	10ci, 4 ft	10ci or 13
5 and Marine 4	0.30	0.55	0.40	60	30 or 20&5ci^h or 13&10ci^h or 0&20ci^h	13/17	30	15ci or 19 or 13&5ci	10ci, 4 ft	15ci or 19 or 13&5ci
6	0.30	0.55	NR	60	30 or 20&5ci ^h or 13&10ci ^h or 0&20ci ^h	7/12 or 11/20	30	15ci or 19 or 13&5ci	10ci, 4 ft	15ci or 19 or 13&5ci
7 and 8	0.30	0.55	NR	60	30 or 20&5ci ^h or 13&10ci ^h or 0&20ci ^h	19/21	30	15ci or 19 or 13&5ci	10ci, 4 ft	15ci or 19 or 13&5ci

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name Larry Mayer		Jurisdiction/Company/Organization Solution Design Inc.	
Signature 		Address 3308 Maple St. N	
City Fargo		State ND	ZIP Code 58102
Telephone Number (701) 799-1758		Email LM321elite@aol.com	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input checked="" type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> Other _____	
Revision <i>Full Basement</i> N1102.2.8.1 A continuous moisture barrier of 6 mil 1.0 perm or less with 4 " taped overlap starting at full coverage of top width of foundation at outside edge of wall and down interior wall down to pad and under slab or over earth taped with overlap to 10 mil poly atop earth all seams with 4 " overlap and taped to opposite wall and up to top wall and cover complete top leaving a min 4 " shirrtail to outside. This removes ground moisture from the building wood framed walls.			
Check One and Complete (attach additional pages if necessary)			
<input type="checkbox"/> Revise as follows: <input checked="" type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Same as above but to be considered an add to existing definition as existing moisture management is inadequate for building on an old lake bed with high water table and high content of clay. The pad is deepest point in ground of the foundation and currently placed on virgin 100% clay wicking up moisture 247/365 days a year. .			
Reason: (attach additional pages if necessary) Univ. of MN shows that 2000 sf basement will bring in 120 pints of moisture per day when soil is saturated at 6 feet deep level. Moisture is 830 denser in energy content than air and puts a big load on HVAC equipment as well health and well being of structure and occupants. A family of 4 health costs are over \$21,000/yr by Kaiser Foundation which is 10X energy costs.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

Revision: N 1102.2.8; 9; 10

N1102.2.8.1 A continuous moisture barrier of 6 mil 1.0 perm or less with 4" taped overlap starting at full coverage of top width of foundation at outside edge of wall and down interior wall down to pad and under slab or over earth taped with overlap to 10 mil poly atop earth all seams with 4" overlap and taped to opposite wall and up to top wall and cover complete top leaving a min 4" shirrtail to outside. This removes ground moisture from the building wood framed walls, basement space, and perimeter of attic insulation. Properly installed no need for Ice n water mat on edge of roof deck. Alternative is to spray closed cell foam to wall atop the 6mil poly on wall or R5 or greater continuous sheet EPS or XPS glued or fastened to poly moisture barrier. Exterior alternative is to apply R10 XPS or EPS to exterior of concrete foundation wall and just glue the 6 mil 1.0 perm or less moisture barrier to cover top wall and down to pad prior to slab pour and continuous under slab to opposite wall. The 6 mil poly atop the wall can be part of a slip sheet to protect exterior insulation at time of backfill and later prior to basement slab pour complete interior wall 6 mil moisture barrier down to pad and under slab. Poly negates the need to tape seams of continuous foam sheeting.

Where: In all Red River Valley buildable land where deep clay and black dirt are common having high soil moisture content impacts building making lower levels difficult to condition space for heating and cooling and dehumidification. Benefits: Dry slab that allows for stable base for wood and other composite floor coverings and 99% reduction of ground moisture into home.

Why? Avoid remediation cost of \$200/lin ft. when incorporated as part of foundation and basement installation.


Energy Benefits: Reduce basement wall heat loss by 75% as studied by Univ. of Kansas Extension in 1980's and floor loss by 85% plus. Building wide a 15% to 18% reduced heating load and 40% reduced cooling load largely from reduced dehumidification load.

How: Using readily available 3M Holdfast spray adhesive (25lb tank and hose/gun) common to most concrete contractors the moisture barrier and foam can quickly to attached to concrete foundation wall. When applied exterior damp proofing is not required.

Option: Not required in areas outside Red River Valley where sandy or rocky soil conditions only poly under slab continuous to pad and up wall 6.0" is required to have a dry livable basement

Univ. of MN shows that 2000 sf basement will bring in 120 pints of moisture per day when soil is saturated at 6 feet deep level. Moisture is 830 denser in energy content than air and puts a big load on HVAC equipment as well health and well being of structure and occupants. A family of 4 health costs are over \$21,000/yr by Kaiser Foundation which is 10X energy costs.

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name Larry Mayer		Jurisdiction/Company/Organization Solution Design Inc.	
Signature 		Address 3308 Maple St. N	
City Fargo		State ND	ZIP Code 58102
Telephone Number (701) 799-1758		Email LM321elite@aol.com	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input checked="" type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision N1102.2.9 Slab on Grade. A continuous moisture barrier of 6 mil 1.0 perm or less with 4 " taped overlap starting at full coverage of top width of foundation at outside edge of wall and down interior wall down to pad and under slab or over earth taped with overlap to 10 mil poly atop earth all seams with 4 " overlap and taped to opposite wall and up to top wall and cover complete top leaving a min 4 " shirrtail to outside. This removes ground moisture from the building			
Check One and Complete (attach additional pages if necessary)			
<input type="checkbox"/> Revise as follows: <input checked="" type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Same as above but to be considered an add to existing definition as existing moisture management is inadequate for building on an old lake bed with high water table and high content of clay. The pad is deepest point in ground of the foundation and currently placed on virgin 100% clay wicking up moisture 247/365 days a year. .			
Reason: (attach additional pages if necessary) Univ. of MN shows that 2000 sf basement will bring in 120 pints of moisture per day when soil is saturated at 6 feet deep level. Moisture is 830 denser in energy content than air and puts a big load on HVAC equipment as well health and well being of structure and occupants. A family of 4 health costs are over \$21,000/yr by Kaiser Foundation which is 10X energy costs.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

Revision: N1102.2.8; 9; 10

N1102.2.8.1 A continuous moisture barrier of 6 mil 1.0 perm or less with 4" taped overlap starting at full coverage of top width of foundation at outside edge of wall and down interior wall down to pad and under slab or over earth taped with overlap to 10 mil poly atop earth all seams with 4" overlap and taped to opposite wall and up to top wall and cover complete top leaving a min 4" shirttail to outside. This removes ground moisture from the building wood framed walls, basement space, and perimeter of attic insulation. Properly installed no need for Ice n water mat on edge of roof deck. Alternative is to spray closed cell foam to wall atop the 6mil poly on wall or R5 or greater continuous sheet EPS or XPS glued or fastened to poly moisture barrier. Exterior alternative is to apply R10 XPS or EPS to exterior of concrete foundation wall and just glue the 6 mil 1.0 perm or less moisture barrier to cover top wall and down to pad prior to slab pour and continuous under slab to opposite wall. The 6 mil poly atop the wall can be part of a slip sheet to protect exterior insulation at time of backfill and later prior to basement slab pour complete interior wall 6 mil moisture barrier down to pad and under slab. Poly negates the need to tape seams of continuous foam sheeting.

Where: In all Red River Valley buildable land where deep clay and black dirt are common having high soil moisture content impacts building making lower levels difficult to condition space for heating and cooling and dehumidification. Benefits: Dry slab that allows for stable base for wood and other composite floor coverings and 99% reduction of ground moisture into home.

Why? Avoid remediation cost of \$200/lin ft. when incorporated as part of foundation and basement installation.

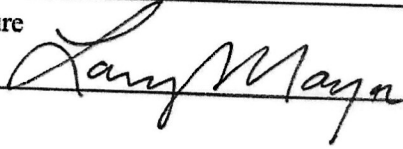
Energy Benefits: Reduce basement wall heat loss by 75% as studied by Univ. of Kansas Extension in 1980's and floor loss by 85% plus. Building wide a 15% to 18% reduced heating load and 40% reduced cooling load largely from reduced dehumidification load.

How: Using readily available 3M Holdfast spray adhesive (25lb tank and hose/gun) common to most concrete contractors the moisture barrier and foam can quickly be attached to concrete foundation wall. When applied exterior damp proofing is not required.

Option: Not required in areas outside Red River Valley where sandy or rocky soil conditions only poly under slab continuous to pad and up wall 6.0" is required to have a dry livable basement

Univ. of MN shows that 2000 sf basement will bring in 120 pints of moisture per day when soil is saturated at 6 feet deep level. Moisture is 830 denser in energy content than air and puts a big load on HVAC equipment as well health and well being of structure and occupants. A family of 4 health costs are over \$21,000/yr by Kaiser Foundation which is 10X energy costs.

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name Larry Mayer		Jurisdiction/Company/Organization Solution Design Inc.	
Signature 		Address 3308 Maple St. N	
City Fargo		State ND	ZIP Code 58102
Telephone Number (701) 799-1758		Email LM321elite@aol.com	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input checked="" type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision N1102.2.10 Crawl space. A continuous moisture barrier of 6 mil 1.0 perm or less with 4 " taped overlap starting at full coverage of top width of foundation at outside edge of wall and down interior wall down to pad and under slab or over earth taped with overlap to 10 mil poly atop earth all seams with 4 " overlap and taped to opposite wall and up to top wall and cover complete top leaving a min 4 " shirrtail to outside. This removes ground moisture from the building			
Check One and Complete (attach additional pages if necessary)			
<input type="checkbox"/> Revise as follows: <input checked="" type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Same as above but to be considered an add to existing definition as existing moisture management is inadequate for building on an old lake bed with high water table and high content of clay. The pad is deepest point in ground of the foundation and currently placed on virgin 100% clay wicking up moisture 247/365 days a year. .			
Reason: (attach additional pages if necessary) Univ. of MN shows that 2000 sf basement will bring in 120 pints of moisture per day when soil is saturated at 6 feet deep level. Moisture is 830 denser in energy content than air and puts a big load on HVAC equipment as well health and well being of structure and occupants. A family of 4 health costs are over \$21,000/yr by Kaiser Foundation which is 10X energy costs.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

Revision: N1102.2.8; 9; 10

N1102.2.8.1 A continuous moisture barrier of 6 mil 1.0 perm or less with 4" taped overlap starting at full coverage of top width of foundation at outside edge of wall and down interior wall down to pad and under slab or over earth taped with overlap to 10 mil poly atop earth all seams with 4" overlap and taped to opposite wall and up to top wall and cover complete top leaving a min 4" shirttail to outside. This removes ground moisture from the building wood framed walls, basement space, and perimeter of attic insulation. Properly installed no need for Ice n water mat on edge of roof deck. Alternative is to spray closed cell foam to wall atop the 6mil poly on wall or R5 or greater continuous sheet EPS or XPS glued or fastened to poly moisture barrier. Exterior alternative is to apply R10 XPS or EPS to exterior of concrete foundation wall and just glue the 6 mil 1.0 perm or less moisture barrier to cover top wall and down to pad prior to slab pour and continuous under slab to opposite wall. The 6 mil poly atop the wall can be part of a slip sheet to protect exterior insulation at time of backfill and later prior to basement slab pour complete interior wall 6 mil moisture barrier down to pad and under slab. Poly negates the need to tape seams of continuous foam sheeting.

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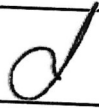
Energy Benefits: Reduce basement wall heat loss by 75% as studied by Univ. of Kansas Extension in 1980's and floor loss by 85% plus. Building wide a 15% to 18% reduced heating load and 40% reduced cooling load largely from reduced dehumidification load.

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Univ. of MN shows that 2000 sf basement will bring in 120 pints of moisture per day when soil is saturated at 6 feet deep level. Moisture is 830 denser in energy content than air and puts a big load on HVAC equipment as well health and well being of structure and occupants. A family of 4 health costs are over \$21,000/yr by Kaiser Foundation which is 10X energy costs.



CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code		
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code		
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code		
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code		
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code		
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code		
	<input type="checkbox"/> Other _____		
Revision N1102.4 (R402.4) Air leakage.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section N1102.4 (R402.4) Air leakage . The building thermal envelope shall be constructed to limit air leakage in accordance with the requirements of Sections N1102.4.1 through N1102.4.5. Exception: Dwelling units of R-2 Occupancies and multiple single-family dwellings shall be permitted to comply with IECC Section C402.5.			
Reason: (attach additional pages if necessary) Historical Amendment. Updated code sections.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

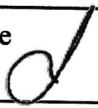
CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name Jeff Sattler		Jurisdiction/Company/Organization Sattler Home's Inc.	
Signature <i>Jeff Sattler</i>		Address PO Box 7218	
City Bismarck		State ND	ZIP Code 58507
Telephone Number (701) 255-7628		Email jeff@bismarckbuilder.com	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision N1102.4.1.2 (R402.4.1.2) Testing The building or dwelling unit shall be tested for air leakage.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Add this to the first sentence. The building or dwelling unit shall be tested for air leakage or visual inspection to be completed.			
Reason: (attach additional pages if necessary) There is not sufficient companies who complete this work in ND, and the cost to complete blower door testing would add to the already large cost of building a home.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			


CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised		<input type="checkbox"/> 2021 International Building Code <input checked="" type="checkbox"/> 2021 International Residential Code <input type="checkbox"/> 2021 International Mechanical Code <input type="checkbox"/> 2021 International Fuel Gas Code <input type="checkbox"/> 2021 International Energy Conservation Code <input type="checkbox"/> 2021 Existing Building Code <input type="checkbox"/> Other _____	
<input type="checkbox"/> 2018 International Building Code <input type="checkbox"/> 2018 International Residential Code <input type="checkbox"/> 2018 International Mechanical Code <input type="checkbox"/> 2018 International Fuel Gas Code <input type="checkbox"/> 2018 International Energy Conservation Code <input type="checkbox"/> 2018 Existing Building Code			
Revision Section N1102.4.1.4(R402.4.1.4) Visual Inspection Option.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section N1102.4.1.4 (R402.4.1.4) Visual Inspection Option Visual Inspection Option. Building envelope tightness and insulation shall be considered acceptable when installed in accordance with Table N1102.4.1.1 (R402.4.1.1) - "Air Barrier and Insulation" and has been field verified. 			
Reason: (attach additional pages if necessary) Historical Amendment. Adds visual inspection option.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

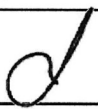
CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised		<input type="checkbox"/> 2021 International Building Code <input checked="" type="checkbox"/> 2021 International Residential Code <input type="checkbox"/> 2021 International Mechanical Code <input type="checkbox"/> 2021 International Fuel Gas Code <input type="checkbox"/> 2021 International Energy Conservation Code <input type="checkbox"/> 2021 Existing Building Code <input type="checkbox"/> Other _____	
Revision Section N1103.3.7 (R403.3.7) Building Cavities.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section N1103.3.7 (R403.3.7) Building Cavities (Mandatory). Building framing cavities shall not be used as supply ducts.			
Reason: (attach additional pages if necessary) Historical Amendment. Updated code sections.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

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Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision Section N1103.6 (R403.6) Mechanical Ventilation.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section N1103.6 (R403.6) Mechanical Ventilation Change the title of the section to Section N1103.6 (R403.6) Ventilation.			
Reason: (attach additional pages if necessary) Historical Amendment. Updated code sections.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

CODE AMENDMENT SUBMITTAL
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SFN 50180 (10/21)

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City Fargo ND	State ND	ZIP Code 58102
Telephone Number (701) 476-4147	Email SOuradnik@FargoND.gov	
Code to be Revised		
<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code	
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<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code	
<input type="checkbox"/> Other _____		
Revision Table N1105.4.2(1) [R405.4.2(1)] Specifications for the Standard Reference and Proposed Design		
Check One and Complete (attach additional pages if necessary)		
<input checked="" type="checkbox"/> Revise as follows <input type="checkbox"/> Add as follows <input type="checkbox"/> Delete		
Building Component	Standard Reference Design	Proposed Design
Air exchange rate	Air leakage rate of 5 air changes per hour in Climate Zones 1 through 8 at a pressure of 0.2 inches w.g (50 Pa). (Balance is unchanged.)	For residences that are not tested, the same air leakage rate as the standard reference design. For tested residences, the measured air exchange rate. The mechanical ventilation rated shall be in addition to the air leakage rate and shall be as proposed.
Historical Amendment. Updated code sections.		
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496		

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name Robert Glass		Jurisdiction/Company/Organization Daikin Comfort Technologies	
Signature <i>Robert S. Glass</i>		Address 12680 Lock 15 Road	
City Tuscaloosa		State Alabama	ZIP Code 35406
Telephone Number (205) 759-9638		Email Robert.Glass@daikincomfort.com	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code <input type="checkbox"/> 2018 International Residential Code <input type="checkbox"/> 2018 International Mechanical Code <input type="checkbox"/> 2018 International Fuel Gas Code <input type="checkbox"/> 2018 International Energy Conservation Code <input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 International Building Code <input checked="" type="checkbox"/> 2021 International Residential Code <input type="checkbox"/> 2021 International Mechanical Code <input type="checkbox"/> 2021 International Fuel Gas Code <input type="checkbox"/> 2021 International Energy Conservation Code <input type="checkbox"/> 2021 Existing Building Code <input type="checkbox"/> Other _____	
Revision Delete ANCE from reference in UL/CSA 60335-2-40 in M1402.1.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
See attached.			
Reason: (attach additional pages if necessary) ANCE was only a part of the UL/CSA 60335-2-40 standard through the 2017 edition. They withdrew from the 2019 edition and future editions. This change has already been approved by ICC for the 2024 IRC (Group A Item RM6-21).			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

**Proposed Amendments to the North Dakota Residential Code
(Based on 2021 IRC)**

**SECTION M1402
CENTRAL FURNACES**

M1402.1 General.

Oil-fired central furnaces shall conform to ANSI/UL 727. Electric furnaces shall conform to UL 1995 or UL/CSA/~~ANCE~~ 60335-2-40.

Substantiation:

The references to ANCE as a sponsor of this UL/CSA 60335-2-40 standard have been removed as ANCE in Mexico withdrew from the 3rd Edition is no longer associated with this standard after the 2nd Edition. This deletion has been approved by ICC for the 2024 IRC (Group A Item RM6-21).

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name Robert Glass		Jurisdiction/Company/Organization Daikin Comfort Technologies	
Signature <i>Robert S. Glass</i>		Address 12680 Lock 15 Road	
City Tuscaloosa		State Alabama	ZIP Code 35406
Telephone Number (205) 759-9638		Email Robert.Glass@daikincomfort.com	

Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
Delete ANCE from reference in UL/CSA 60335-2-40 in M1403.1.

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete

See attached.

Reason: (attach additional pages if necessary)
 ANCE was only a part of the UL/CSA 60335-2-40 standard through the 2017 edition. They withdrew from the 2019 edition and future editions. This change has already been approved by ICC for the 2024 IRC (Group A Item RM6-21).

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**Proposed Amendments to the North Dakota Residential Code
(Based on 2021 IRC)**

**SECTION M1403
HEAT PUMP EQUIPMENT**

M1403.1 Heat pumps.

Electric heat pumps shall be listed and labeled in accordance with UL 1995 or UL/CSA/~~ANCE~~ 60335-2-40.

Substantiation:

The references to ANCE as a sponsor of this UL/CSA 60335-2-40 standard have been removed as ANCE in Mexico withdrew from the 3rd Edition is no longer associated with this standard after the 2nd Edition. This deletion has been approved by ICC for the 2024 IRC (Group A Item RM6-21).

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name Robert Glass		Jurisdiction/Company/Organization Daikin Comfort Technologies	
Signature <i>Robert S. Glass</i>		Address 12680 Lock 15 Road	
City Tuscaloosa		State Alabama	ZIP Code 35406
Telephone Number (205) 759-9638		Email Robert.Glass@daikincomfort.com	

Code to be Revised

<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code
<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code
<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code
<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code
<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code
<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code
	<input type="checkbox"/> Other _____

Revision
 Delete ANCE from reference in UL/CSA 60335-2-40 in M1412.1.

Check One and Complete (attach additional pages if necessary)

Revise as follows: Add as follows: Delete and substitute as follows: Delete

See attached.

Reason: (attach additional pages if necessary)
 ANCE was only a part of the UL/CSA 60335-2-40 standard through the 2017 edition. They withdrew from the 2019 edition and future editions. This change has already been approved by ICC for the 2024 IRC (Group A Item RM6-21).

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**Proposed Amendments to the North Dakota Residential Code
(Based on 2021 IRC)**

**SECTION M1412
ABSORPTION COOLING EQUIPMENT**

M1412.1 Approval of equipment.

Absorption systems shall be installed in accordance with the manufacturer's instructions. Absorption equipment shall comply with UL 1995 or UL/CSA/~~ANCE~~ 60335-2-40.

Substantiation:

The references to ANCE as a sponsor of this UL/CSA 60335-2-40 standard have been removed as ANCE in Mexico withdrew from the 3rd Edition is no longer associated with this standard after the 2nd Edition. This deletion has been approved by ICC for the 2024 IRC (Group A Item RM6-21).

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

Name Robert Glass		Jurisdiction/Company/Organization Daikin Comfort Technologies	
Signature <i>Robert S. Glass</i>		Address 12680 Lock 15 Road	
City Tuscaloosa		State Alabama	ZIP Code 35406
Telephone Number (205) 759-9638		Email Robert.Glass@daikincomfort.com	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision Delete ANCE from reference in UL/CSA 60335-2-40 in M1413.1.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
See attached.			
Reason: (attach additional pages if necessary) ANCE was only a part of the UL/CSA 60335-2-40 standard through the 2017 edition. They withdrew from the 2019 edition and future editions. This change has already been approved by ICC for the 2024 IRC (Group A Item RM6-21).			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

**Proposed Amendments to the North Dakota Residential Code
(Based on 2021 IRC)**

**SECTION M1413
EVAPORATIVE COOLING EQUIPMENT**

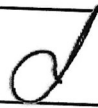
M1413.1 General.

Evaporative cooling equipment and appliances shall comply with UL 1995 or UL/CSA/~~ANCE~~ 60335-2-40 and shall be installed:


Substantiation:

The references to ANCE as a sponsor of this UL/CSA 60335-2-40 standard have been removed as ANCE in Mexico withdrew from the 3rd Edition is no longer associated with this standard after the 2nd Edition. This deletion has been approved by ICC for the 2024 IRC (Group A Item RM6-21).

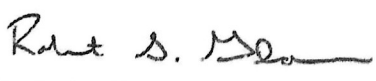
CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision Section M1502.4.2 Duct Installation			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section M1502.4.2 Duct Installation. Exhaust ducts shall be supported at intervals not to exceed 4 feet (1219.2 mm) and shall be secured in place. The insert end of the duct shall extend into the adjoining duct or fitting in the direction of airflow. Exhaust duct joints may be mechanically fastened. Ducts shall not be joined with screws. Where dryer exhaust ducts are enclosed in wall or ceiling cavities, such cavities shall allow the installation of the duct without deformation.			
Reason: (attach additional pages if necessary)			
Historical Amendment. Changes support from 12 feet to 4 feet.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
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City Fargo ND		State ND	ZIP Code 58102														
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov															
<p>Code to be Revised</p> <table border="0"> <tr> <td><input type="checkbox"/> 2018 International Building Code</td> <td><input type="checkbox"/> 2021 International Building Code</td> </tr> <tr> <td><input type="checkbox"/> 2018 International Residential Code</td> <td><input checked="" type="checkbox"/> 2021 International Residential Code</td> </tr> <tr> <td><input type="checkbox"/> 2018 International Mechanical Code</td> <td><input type="checkbox"/> 2021 International Mechanical Code</td> </tr> <tr> <td><input type="checkbox"/> 2018 International Fuel Gas Code</td> <td><input type="checkbox"/> 2021 International Fuel Gas Code</td> </tr> <tr> <td><input type="checkbox"/> 2018 International Energy Conservation Code</td> <td><input type="checkbox"/> 2021 International Energy Conservation Code</td> </tr> <tr> <td><input type="checkbox"/> 2018 Existing Building Code</td> <td><input type="checkbox"/> 2021 Existing Building Code</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Other _____</td> </tr> </table>				<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code	<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code	<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code	<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code	<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code	<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code		<input type="checkbox"/> Other _____
<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code																
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<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code																
	<input type="checkbox"/> Other _____																
Revision Section M2005.1 General																	
Check One and Complete (attach additional pages if necessary)																	
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete																	
Section M2005.1 General. Water heaters shall be installed in accordance with the North Dakota State Plumbing Code, the manufacturer's instructions and the requirements of this code.																	
Reason: (attach additional pages if necessary) Historical Amendment. Adds ND plumbing code.																	
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496																	

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

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Signature 		Address 12680 Lock 15 Road	
City Tuscaloosa		State Alabama	ZIP Code 35406
Telephone Number (205) 759-9638		Email Robert.Glass@daikincomfort.com	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
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<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision Delete ANCE from reference in UL/CSA 60335-2-40 in M2006.1.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
See attached.			
Reason: (attach additional pages if necessary) ANCE was only a part of the UL/CSA 60335-2-40 standard through the 2017 edition. They withdrew from the 2019 edition and future editions. This change has already been approved by ICC for the 2024 IRC (Group A Item RM6-21).			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

**Proposed Amendments to the North Dakota Residential Code
(Based on 2021 IRC)**

**SECTION M2006
POOL HEATERS**

M2006.1 General.


Pool and spa heaters shall be installed in accordance with the manufacturer's installation instructions. Oil-fired pool heaters shall comply with UL 726. Electric pool and spa heaters shall comply with UL 1261. Pool and spa heat pump water heaters shall comply with UL 1995, UL/CSA/ANCE 60335-2-40 or CSA C22.2 No. 236.

Exception: Portable residential spas and portable residential exercise spas shall comply with UL 1563 or CSA C22.2 No. 218.1.


Substantiation:

The references to ANCE as a sponsor of this UL/CSA 60335-2-40 standard have been removed as ANCE in Mexico withdrew from the 3rd Edition is no longer associated with this standard after the 2nd Edition. This deletion has been approved by ICC for the 2024 IRC (Group A Item RM6-21).


CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name City of Fargo		Jurisdiction/Company/Organization Fargo	
Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code <input type="checkbox"/> 2018 International Residential Code <input type="checkbox"/> 2018 International Mechanical Code <input type="checkbox"/> 2018 International Fuel Gas Code <input type="checkbox"/> 2018 International Energy Conservation Code <input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 International Building Code <input checked="" type="checkbox"/> 2021 International Residential Code <input type="checkbox"/> 2021 International Mechanical Code <input type="checkbox"/> 2021 International Fuel Gas Code <input type="checkbox"/> 2021 International Energy Conservation Code <input type="checkbox"/> 2021 Existing Building Code <input type="checkbox"/> Other _____	
Revision Section M2101.3 Protection of potable water.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section M2101.3 Protection of potable water. The potable water system shall be protected from backflow in accordance with the provisions listed in the North Dakota State Plumbing Code.			
Reason: (attach additional pages if necessary) Historical Amendment. Adds ND plumbing code.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			


CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

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Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision Section M2101.10 Tests.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section M2101.10 Tests. New hydronic piping shall be isolated and tested hydrostatically at a pressure of not less than 100-pounds per square inch (psi) (689 kPa). The duration of each test shall be not less than 15 minutes and not more than 20 minutes.			
Reason: (attach additional pages if necessary) Historical Amendment. Adds a max time for test.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			


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Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
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<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision Section M2103.3 Piping Joints			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section M2103.3 Piping Joints. Item 2: Copper tubing shall be joined by brazing complying with the North Dakota State Plumbing Code.			
Reason: (attach additional pages if necessary) Historical Amendment. Adds ND plumbing code.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			


CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
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Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code <input type="checkbox"/> 2018 International Residential Code <input type="checkbox"/> 2018 International Mechanical Code <input type="checkbox"/> 2018 International Fuel Gas Code <input type="checkbox"/> 2018 International Energy Conservation Code <input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 International Building Code <input checked="" type="checkbox"/> 2021 International Residential Code <input type="checkbox"/> 2021 International Mechanical Code <input type="checkbox"/> 2021 International Fuel Gas Code <input type="checkbox"/> 2021 International Energy Conservation Code <input type="checkbox"/> 2021 Existing Building Code <input type="checkbox"/> Other _____	
Revision Section G2404.7 Flood Hazard			
Check One and Complete (attach additional pages if necessary)			
<input type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input checked="" type="checkbox"/> Delete			
Section G2404.7 Flood Hazard is hereby deleted in its entirety.			
Reason: (attach additional pages if necessary) Historical Amendment.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			


CODE AMENDMENT SUBMITTAL
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Telephone Number (701) 476-4147		Email SOuradnik@FargoND.gov	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
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Revision Section G2407.11 (304.11) Combustion air ducts			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section G2407.11 (304.11) Combustion air ducts 5. Ducts shall not terminate in an attic space.			
Reason: (attach additional pages if necessary) Historical Amendment. Changes text to negate ducts terminating in the attic.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

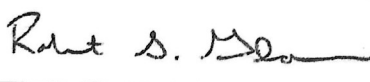
CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name City of Fargo		Jurisdiction/Company/Organization Fargo															
Signature 		Address 225 4th St N															
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<p>Code to be Revised</p> <table border="0"> <tr> <td><input type="checkbox"/> 2018 International Building Code</td> <td><input type="checkbox"/> 2021 International Building Code</td> </tr> <tr> <td><input type="checkbox"/> 2018 International Residential Code</td> <td><input checked="" type="checkbox"/> 2021 International Residential Code</td> </tr> <tr> <td><input type="checkbox"/> 2018 International Mechanical Code</td> <td><input type="checkbox"/> 2021 International Mechanical Code</td> </tr> <tr> <td><input type="checkbox"/> 2018 International Fuel Gas Code</td> <td><input type="checkbox"/> 2021 International Fuel Gas Code</td> </tr> <tr> <td><input type="checkbox"/> 2018 International Energy Conservation Code</td> <td><input type="checkbox"/> 2021 International Energy Conservation Code</td> </tr> <tr> <td><input type="checkbox"/> 2018 Existing Building Code</td> <td><input type="checkbox"/> 2021 Existing Building Code</td> </tr> <tr> <td></td> <td><input type="checkbox"/> Other _____</td> </tr> </table>				<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code	<input type="checkbox"/> 2018 International Residential Code	<input checked="" type="checkbox"/> 2021 International Residential Code	<input type="checkbox"/> 2018 International Mechanical Code	<input type="checkbox"/> 2021 International Mechanical Code	<input type="checkbox"/> 2018 International Fuel Gas Code	<input type="checkbox"/> 2021 International Fuel Gas Code	<input type="checkbox"/> 2018 International Energy Conservation Code	<input type="checkbox"/> 2021 International Energy Conservation Code	<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code		<input type="checkbox"/> Other _____
<input type="checkbox"/> 2018 International Building Code	<input type="checkbox"/> 2021 International Building Code																
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<input type="checkbox"/> 2018 Existing Building Code	<input type="checkbox"/> 2021 Existing Building Code																
	<input type="checkbox"/> Other _____																
Revision Section G2425.12 (501.12) Residential and low-heat appliances flue lining systems.																	
Check One and Complete (attach additional pages if necessary)																	
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete																	
Section G2425.12 (501.12) Flue lining systems for use with residential-type and low-heat appliances shall be limited to the following: 1. Clay flue lining complying with the requirements of ASTM C 315 or equivalent when each appliance connected into the masonry chimney has a minimum input rating greater than 400,000 Btu/h. Clay flue lining shall be installed in accordance with Chapter 10.																	
Reason: (attach additional pages if necessary) Historical Amendment. Adds additional stipulations.																	
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496																	

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
 SFN 50180 (10/21)

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Signature 		Address 225 4th St N	
City Fargo ND		State ND	ZIP Code 58102
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Code to be Revised			
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<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision Section G2442.4 (618.4) Screen.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
Section G2442.4 (618.4) Required outdoor air inlets shall be covered with a screen having ¼ inch (6.4 mm) openings. Required outdoor air inlets serving a nonresidential portion of a building shall be covered with screen having openings larger than ¼ inch (6.4 mm) and not larger than ½ inch.			
Reason: (attach additional pages if necessary) Historical Amendment. Adds additional stipulations.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

CODE AMENDMENT SUBMITTAL
ND DIVISION OF COMMUNITY SERVICES
SFN 50180 (10/21)

Name Robert Glass		Jurisdiction/Company/Organization Daikin Comfort Technologies	
Signature 		Address 12680 Lock 15 Road	
City Tuscaloosa		State Alabama	ZIP Code 35406
Telephone Number (205) 759-9638		Email Robert.Glass@daikincomfort.com	
Code to be Revised			
<input type="checkbox"/> 2018 International Building Code		<input type="checkbox"/> 2021 International Building Code	
<input type="checkbox"/> 2018 International Residential Code		<input checked="" type="checkbox"/> 2021 International Residential Code	
<input type="checkbox"/> 2018 International Mechanical Code		<input type="checkbox"/> 2021 International Mechanical Code	
<input type="checkbox"/> 2018 International Fuel Gas Code		<input type="checkbox"/> 2021 International Fuel Gas Code	
<input type="checkbox"/> 2018 International Energy Conservation Code		<input type="checkbox"/> 2021 International Energy Conservation Code	
<input type="checkbox"/> 2018 Existing Building Code		<input type="checkbox"/> 2021 Existing Building Code	
		<input type="checkbox"/> Other _____	
Revision Update titles and editions in Chapter 44, Referenced Standards for (1) ANCE (delete), (2) update CSA C22.2 No. 60335-2-40:19 and title and sections referenced, and (3) update UL 60335-2-40-2019 and title.			
Check One and Complete (attach additional pages if necessary)			
<input checked="" type="checkbox"/> Revise as follows: <input type="checkbox"/> Add as follows: <input type="checkbox"/> Delete and substitute as follows: <input type="checkbox"/> Delete			
See attached.			
Reason: (attach additional pages if necessary) Delete ANCE standard reference because ANCE was only a part of the UL/CSA 60335-2-40 standard through the 2017 edition. They withdrew from the 2019 edition and future editions. This change has already been approved by ICC for the 2024 IRC (Group A Item RM6-21). Updating UL/CSA 60335-2-40 to 2019 edition. These changes have already been approved by ICC for the 2024 IRC (Group A Items RM4-21 and RM5-21). See attached for more substantiations.			
SEND TO: Department of Commerce Division of Community Service PO Box 2057 Bismarck, ND 58502-2057 (701) 665-4496			

**Proposed Amendments to the North Dakota Residential Code
(Based on 2021 IRC)**

**CHAPTER 44
REFERENCED STANDARDS**

ANCE

Association of the Electric Sector
Av. Lázaro Cardenas No. 869
Col. Nueva Industrial Vallejo
C.P. 07700 México D.F.

~~NMX J 521/2-40 ANCE 2014/
CAN/CSA 22.2
No. 60335-2-40-12/
UL 60335-2-40~~

Safety of Household and Similar Electric
Appliances, Part 2-40: Particular Requirements for
Heat Pumps, Air Conditioners and Dehumidifiers
M1403.1, M1412.1, M1413.1

CSA

CSA Group
8501 East Pleasant Valley Road
Cleveland, OH 44131-5516

~~CAN/CSA C22.2 No.
60335-2-40-2012-19~~

Safety of Household and Similar Electric
Appliances, Part 2-40: Particular Requirements for
Electric Heat Pumps, Air-Conditioners and
Dehumidifiers
M1402.1, M1403.1, M1412.1, M1413.1, M2006.1

UL

UL LLC
333 Pfingsten Road
Northbrook, IL 60062

~~UL/CSA/ANCE
60335-2-40-2012-2019~~

Safety of Household and Similar Electrical
Appliances, Part 2-40: Particular Requirements for
~~Motor Compressors~~ Electric Heat Pumps, Air-
Conditioners and Dehumidifiers
M1402.1, M1403.1, M1412.1, M1413.1, M2006.1

Substantiation: Manufacturers are transitioning away from UL 1995 to UL 60335-2-40 for new products, because UL 1995 will be obsoleted effective 1/1/2024 (see the attached notification from UL concerning this transition from UL 1995 to UL/CSA 60335-2-40). The newest 3rd edition of UL 60335-2-40, published November 2019, has many new requirements for electrical and refrigerant safety. The 3rd edition includes requirements for UV-C germicidal lamp systems, CO₂ systems, photovoltaic systems, new marking requirements, water ingress rating system as well as allowances for Low Global Warming Potential (GWP) Group A2L refrigerants. Nationally Recognized Testing Laboratories (or NRTLs), will use the latest version of the UL 60335-2-40 safety standard for certification testing.

The American Innovation and Manufacturing (AIM) Act of 2020 was signed into law by President Trump. The AIM Act directs EPA to mandate Low GWP refrigerants in air conditioning and refrigeration systems.

The EPA SNAP Rule 23, which lists requirements for the use of noted alternate A2L refrigerants, specifies that air-conditioning equipment using these alternate refrigerants MUST be listed to the 3rd edition of UL 60335-2-40, which is the 2019 edition.

The titles shown in Chapter 44 for UL/CSA 60335-2-40 have been updated to reflect current title of the standard. These title and edition updates have been approved by ICC for the 2024 IRC (Group A Items RM4-21 and RM5-21).

UL 1995 Transition to UL 60335-2-40



JULY 31
2019

Existing products impacted by, but do not yet comply with the new Electric Heat Back-up Protection requirements or the Ultraviolet Light (UV) requirements noted in UL 1995, 5th edition must be evaluated for compliance

UL 60335-2-40 3rd edition is out for ballot. **DECEMBER 2018**
This edition contains A2L refrigerant specific requirements. The scope now aligns with UL 1995

SEPTEMBER 15
2017

- UL 60335-2-40, 2nd edition published
- Includes requirements for air-conditioners rated up to 15kV, partial units, and revised electric heat requirements.
 - Includes requirements for the use of A2 and A3 (flammable) refrigerants.

NOVEMBER 30
2012

UL 60335-2-40, 1st edition published

- Covers products rated less than 600 Volts.
- Does not include requirements for the use of A2 and A3 (flammable) refrigerants.

Currently, manufacturers may have UL 1995 Certified products evaluated to UL 60335-2-40. UL 1995 will remain a valid certification standard through January 1, 2024, when it will be effectively obsolete. At that time, UL 1995 will no longer be used to certify new products.

JANUARY 1
2024

All products shall comply with UL 60335-2-40 3rd edition by January 1, 2024. Today, products may be listed to either UL 1995 or UL 60335-2-40. However, with minimum equipment efficiency changes scheduled for 2023 and 2024, coupled with Low GWP refrigerant requirements expected in several states, all equipment within the scope of UL 1995 shall be retested to the requirements in the 3rd edition UL 60335-2-40

FEBRUARY 6
2019

60335-2-40 ballot closes

JULY 15
2015

UL 1995, 5th edition published
The 5th Edition covers **all** products..

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