DEPARTMENT OF LICENSING AND REGULATORY AFFAIRS

DIRECTOR'S OFFICE

CONSTRUCTION CODE

Filed with the secretary of state on December 10, 2024

These rules take effect 120 days after filing with the secretary of state.

(By authority conferred on the director of the department of licensing and regulatory affairs by section 4 of the Stille-DeRossett-Hale single state construction code act, 1972 PA 230, MCL 125.1504, and Executive Reorganization Order Nos. 2003-1, 2008-4, and 2011-4, MCL 445.2011, 445.2025, and 445.2030)

R 408.30401, R 408.30402, R 408.30409, R 408.30412, R 408.30414, R 408.30415a, R 408.30418, R 408.30419, R 408.30427, R 408.30448d, R 408.30458, R 408.30459, and R 408.30499 of the Michigan Administrative Code are amended, R 408.30406 and R 408.30406a are added, and R 408.30401a, R 408.30403, R 408.30404, R 408.30408, R 408.30410, R 408.30411, R 408.30428, R 408.30430, R 408.30441, R 408.30442, and R 408.30443 are rescinded, as follows:

PART 4. BUILDING CODE

R 408.30401 Applicable code.

Rule 401. The provisions of the international building code, 2021 edition, including appendices F, G, and H, except for sections 104.2, 104.3, 104.8, 104.8.1, 104.10, 105.3, 105.3.1, 105.3.2, 105.6, 109.2 to 109.6, 111.2, 111.3, 113.2, 113.3, 113.4, 114.1, 114.2, 114.3, 114.4, 115.1 to 115.4, 423.5, 423.5.1, 423.5.2, 903.2.8.4, 2902 to 2902.6, Table 2902.1, section 3005.5, the definition of "agricultural building" in section 202, the definition of "recreational vehicle" in Appendix G, and IECC- 2021, IEBC- 2021, IMC- 2021, IPC- 2021, IPSDC- 2021, and NFPA 70- 2023, listed in chapter 35, govern the construction, alteration, relocation, demolition, use, and occupancy of buildings and structures, and, with exceptions noted, the international building code is adopted by reference in these rules. All references to the International Building Code, International Residential Code, International Energy Conservation Code, National Electrical Code, International Existing Building Code, International Mechanical Code, and International Plumbing Code mean the Michigan Building Code, Michigan Residential Code, Michigan Energy Code, Michigan Electrical Code, Michigan Rehabilitation Code for Existing Buildings, Michigan Mechanical Code, and Michigan Plumbing Code, respectively. The code is available for inspection and purchase at the Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes, 611 West Ottawa Street, First Floor Ottawa Building Lansing, Michigan 48933. The code may be purchased from the International Code Council, through the bureau's website at www.michigan.gov/bcc, at a cost as of the time of adoption of these amendatory rules of $144.00.

R 408.30401a Rescinded.

R 408.30402 General.

Rule 402. Sections 101.1 and 101.3 of the code are amended to read as follows:

101.1. Title. These rules shall be known as the Michigan building code, and referred to as "the code."

101.3. Intent. The purpose of the code and the act is to establish the minimum requirements to provide a reasonable level of safety, public health, and general welfare through structural strength, means of egress facilities, stability, sanitation, adequate light and ventilation, energy conservation, and safety to life and property from fire and other hazards attributed to the built environment and to provide a reasonable level of safety to firefighters and emergency responders during emergency operations. The act takes precedence over all provisions of the code.

R 408.30403 Rescinded.

R 408.30404 Rescinded.

R 408.30406 Building Official Right of Entry.

Rule 406. Section 104.6 of the code is added to read as follows:

104.6. Right of entry. If a structure or premises is unoccupied, the building official shall first make a reasonable effort to locate the owner or other person having charge or control of the structure or premises and request entry. If a building or premises are occupied, the building official shall present credentials to the occupant and request entry. If entry is refused, the building official shall have recourse to the remedies provided by law to secure entry. When a building official has first obtained a proper inspection warrant or other remedy provided by law to secure entry, the owner, owner’s authorized agent or occupant, or person having charge, care, or control of the building or premises shall not fail or neglect, after a proper request is made as provided in this rule, to allow the building official prompt entry into the building or premises to inspect or examine the building or premises under this code.

R 408.30406a Required.

Rule 406a. Section 105.1 of the code is amended to read as follows:

105.1. Required. Owners or their authorized agents shall obtain the required permit from the building official before undertaking any construction, enlargement, alteration, repair, relocation, demolition, change of occupancy, erection, installation, enlargement, alteration, repair, removal, conversion, or replacement of electrical, gas, mechanical, plumbing, or solar panel systems regulated by the code.

R 408.30408 Rescinded.

R 408.30409 Permit.

Rule 409. Section 105.2 of the code is amended to read as follows:

105.2. Work exempts from permit. Exemptions from permit requirements of the code shall not be deemed to grant authorization for work to be done in any manner in violation of the provisions of the code or other laws or ordinances of this jurisdiction. Permits shall not be required for the following:

(a) Building permits shall not be required for the following:

(i) One-story detached accessory structures used as tool and storage sheds, playhouses and similar uses, if the floor area does not exceed 120 square feet, 11 square meters.

(ii) A fence that is not more than 7 feet, 2-meters-134-millimeters, high.

(iii) Oil derricks.

(iv) A retaining wall that is not more than 4 feet, 1,219 millimeters, in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding class I, II, or III-A liquids.

(v) A water tank supported directly on grade if the capacity is not greater than 5,000 gallons, 18,925 liters, and the ratio of height to diameter or width is not greater than 2 to 1.

(vi) A sidewalk and driveway not more than 30 inches, 762 millimeters, above adjacent grade and not over any basement or story below and are not part of an accessible route.

(vii) Painting, papering, tiling, carpeting, cabinets, countertops, and similar finish work.

(viii) Temporary motion picture, television, and theater stage sets and scenery.

(ix) Prefabricated swimming pools accessory to a group R-3 occupancy, as applicable in section 101.2, that are less than 24 inches, 610 millimeters, deep, are not greater than 5,000 gallons, 18,925 liters, and are installed entirely above ground.

(x) Shade cloth structures constructed for nursery or agricultural purposes, not including service systems.

(xi) Swings and other playground equipment accessory to detached 1- and 2-family dwellings.

(xii) Window awnings in group R-3 and U occupancies, supported by an exterior wall that do not project more than 54 inches, 1,372 millimeters, from the exterior wall and do not require additional support, as applicable in section 101.2 and group U occupancies.

(xiii) Nonfixed and movable fixtures, cases, racks, counters, and partitions not over 5 feet 9 inches, 1,753 millimeters, in height.

(b) Electrical permits shall not be required, in accordance with R 408.30801 to R 408.30880, for the following:

(i) Repairs and maintenance: Minor repair work, including the replacement of lamps or the connection of approved portable electrical equipment to approved permanently installed receptacles.

(ii) Radio and television transmitting stations: The provisions of the code do not apply to electrical equipment used for radio and television transmissions, but they do apply to equipment and wiring for power supply and to the installation of towers and antennas.

(iii) Temporary testing systems: A permit is not required for the installation of any temporary system required for the testing or servicing of electrical equipment or apparatus.

(c) Mechanical permits shall not be required for any of the following:

(i) A portable gas heating appliance that has inputs of less than 30,000 Btu’s per hour.

(ii) Portable ventilation appliances and equipment.

(iii) Portable cooling unit.

(iv) Steam, hot water, or chilled water piping within heating or cooling equipment or appliances regulated by the code.

(v) Replacement of a minor part that does not alter the approval of equipment or an appliance or make such equipment or appliance unsafe.

(vi) A portable evaporative cooler.

(vii) Self-contained refrigeration systems that contain 10 pounds, 4.5 kilograms, or less of refrigerant, or that are actuated by motors of 1 horsepower, 0.75 kilowatts, or less.

(viii) Portable fuel cell appliances that are not connected to a fixed piping system and are not interconnected to a power grid.

(ix) An oil burner that does not require connection to a flue, such as an oil stove and a heater equipped with a wick.

(x) A portable gas burner that has inputs of less than 30,000 Btu's per hour.

(xi) When changing or relocating a gas meter or regulator, a permit is not required when installing gas piping limited to 10 feet, 3,005 millimeters, in length and not more than 6 fittings.

(xii) When installing geothermal vertical closed loops under the supervision of a mechanical contractor licensed in HVAC, as long as the company meets both the following:

(A) Has obtained a certificate of registration as a well drilling contractor under part 127 of the public health code, 1978 PA 368, MCL 333.12701 to 333.12771.

(B) Has installed the geothermal vertical closed loops in accordance with the department of environment, Great Lakes, and energy's best practices regarding geothermal heat pump closed loops. Exemption from the permit requirements of grant authorization for work to be done in violation of the provisions of the code or other laws or ordinances of this jurisdiction.

(d) Plumbing permits shall not be required for either of the following:

(i) The stopping of leaks in drains, water, soil, waste, or vent pipe. However, if any concealed trap, drainpipe, water, soil, waste, or vent pipe becomes defective and it becomes necessary to remove and replace the drain or pipe with new material, then the work is considered new work and a permit shall be obtained and inspection made as provided in the code.

(ii) The clearing of stoppages or the repairing of leaks in pipes, valves, or fixtures, and the removal and reinstallation of water closets, if the repairs do not involve or require the replacement or rearrangement of valves, pipes, or fixtures.

R 408.30410 Rescinded.

R 408.30411 Rescinded.

R 408.30412 Certificate of use and occupancy.

Rule 412. Sections 111.2 and 111.2.1 of the code are amended to read as follows:

111.2. Compliance.

A change of occupancy shall not be made in any building unless that building complies with the requirements of the International Building Code for the use or occupancy. Changes of occupancy in a building or portion thereof shall be such that the existing building is not less compliant with the provisions of the code than the existing building or structure was before the change. Subject to the approval of the code official, changes of occupancy shall be permitted without complying with all the requirements of the code for the new occupancy, provided that the new occupancy is less hazardous, based on life and fire risk, than the existing occupancy.

111.2.1 Change in the character of use.

0000- Compliance shall be only as necessary to meet the specific provisions and is not intended to require the entire building be brought into compliance.

R 408.30414. Barrier free design board.

Rule 414. Section 113.1 of the code amended to read as follows:

113.1. Means of appeal.

Requests for barrier free design exception shall be in accordance with 1966 PA 1, MCL 125.1351 to 125.1356.

R 408.30415a Definitions.

Rule 415a. The definitions of act; attic, uninhabitable with limited storage; cold weather months; and attic, uninhabitable without storage are added, and the definitions of occupiable space and registered design professional in section 202 of the code are amended to read as follows:

202. Definitions.

(a) “Act” means the Stille-DeRossett-Hale single state construction code act, 1972 PA 230, MCL 125.1501 to 125.1531

(b) “Attic, uninhabitable with limited storage” means an uninhabitable attic with limited storage where the minimum clear height between joists and rafters is 42 inches or greater; 42 inches high by 24 inches in width, or greater, within the plane of the trusses; or where there are not 2 or more adjacent trusses with web configurations capable of accommodating an assumed rectangle.

(c) “Attic, uninhabitable without storage” means an uninhabitable attic without storage where the maximum clear height between joists and rafters is less than 42 inches or where there are not 2 or more adjacent trusses with web configurations capable of accommodating an assumed rectangle 42 inches high by 24 inches in width or greater, within the plane of the trusses.

(d) “Cold weather months” means November 1 through April 1 in Michigan Uniform Energy Code climate zone 5A and from October 15 through May 1 in Michigan Uniform Energy Code climate zones 6A and 7.

(e) “Occupiable space” means a room or enclosed space designed for regular or non-regular human occupancy in which individuals congregate for activities, amusement, educational or similar purposes, or in which occupants are engaged at labor, and which is equipped with means of egress, heat, light, and ventilation facilities meeting the requirements of the code. Occupiable space does not include those spaces that are intended primarily for other purposes such as storage rooms and equipment rooms.

(f) "Registered design professional" means an individual who is licensed under the occupational code, 1980 PA 299, MCL 339.101 to 339.2677.

R 408.30418 Maximum Occupiable space heating systems.

Rule 418. 1203.1 of the code is amended to read as follows:

1203.1. Equipment and systems. Interior spaces intended for human occupancy shall be provided with heating facilities capable of maintaining a minimum interior room temperature of 68 degrees Fahrenheit at a point 3 feet above the floor and 2 feet from exterior walls at the required design temperature. The installation of portable space heaters shall not be used to comply with this section.

Exceptions:

(a) Interior spaces where the primary purpose is not associated with human contact.

(b) Group F, H, S, or U occupancies.

(c) Interior, seasonal spaces unoccupied during cold weather months, including restrooms, shower buildings, day-use restrooms, concession stands, press boxes, ticket booths, and locker rooms.

R 408.30419 Toilet room requirements.

Rule 419. Section 1210.1 is amended and sections 1210.4,1210.5, and 1210.6 are added to the code to read as follows:

1210.1. Required fixtures. The number and type of plumbing fixtures provided in an occupancy shall comply with the Michigan plumbing code.

1210.4. Toilet room location. Toilet rooms shall not open directly into a room used to prepare food for service to the public.

1210.5. Baby changing stations. A building or structure with baby changing stations in the women's restrooms shall have baby changing stations in the men's restrooms.

1210.6. Directional signage indicating the route to the public facilities. Signage shall be located in a corridor or aisle at the entrance to the facilities for customers and visitors indicating the route to the public facilities.

R 408.30427 Barrier free design for buildings, structures, and improved areas.

Rule 427. Section 1102.1 of the code is amended and section 1103.2.15 is added to the code to read as follows:

1102.1. Design. Buildings and facilities shall be designed and constructed to be accessible in accordance with 1966 PA 1, MCL 125.1351 to 125.1356, the code, and ICC/ANSI A 117.1, except sections 611 and 707.

1103.2.15. Military, fire service, and police facilities. Housing, bathing, toilet, training, and storage areas intended for use and occupancy exclusively by military, fire service, police, or security personnel required to be physically agile are not required to be accessible.

R 408.30428 Rescinded.

R 408.30430 Rescinded.

R 408.30441 Rescinded.

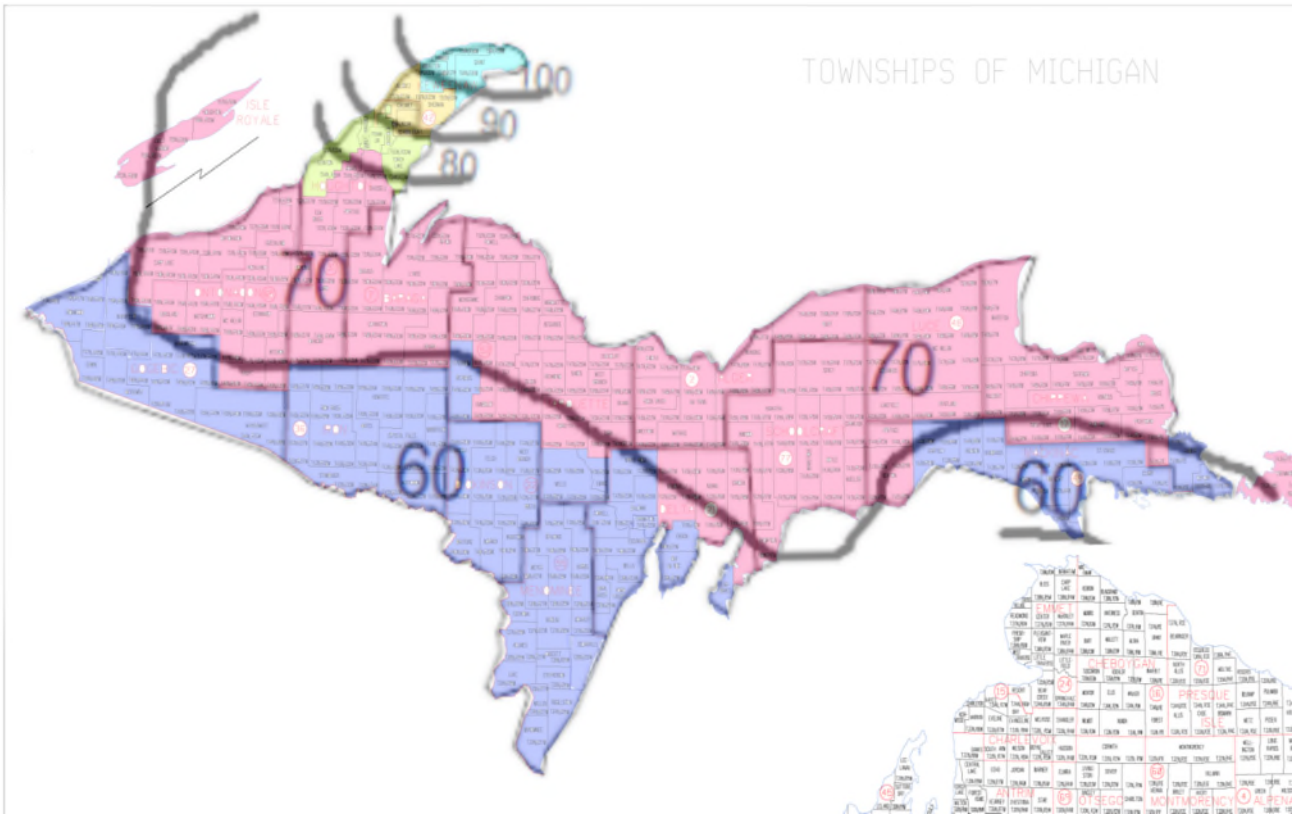
R 408.30442 Rescinded.

R 408.30443 Rescinded.

R 408.30448d Ground snow loads.

Rule 448d. Figure 1608.2 of the code is amended and Table 1608.3 is added to read as follows:

FIGURE 1608.2
Ground Snow Loads



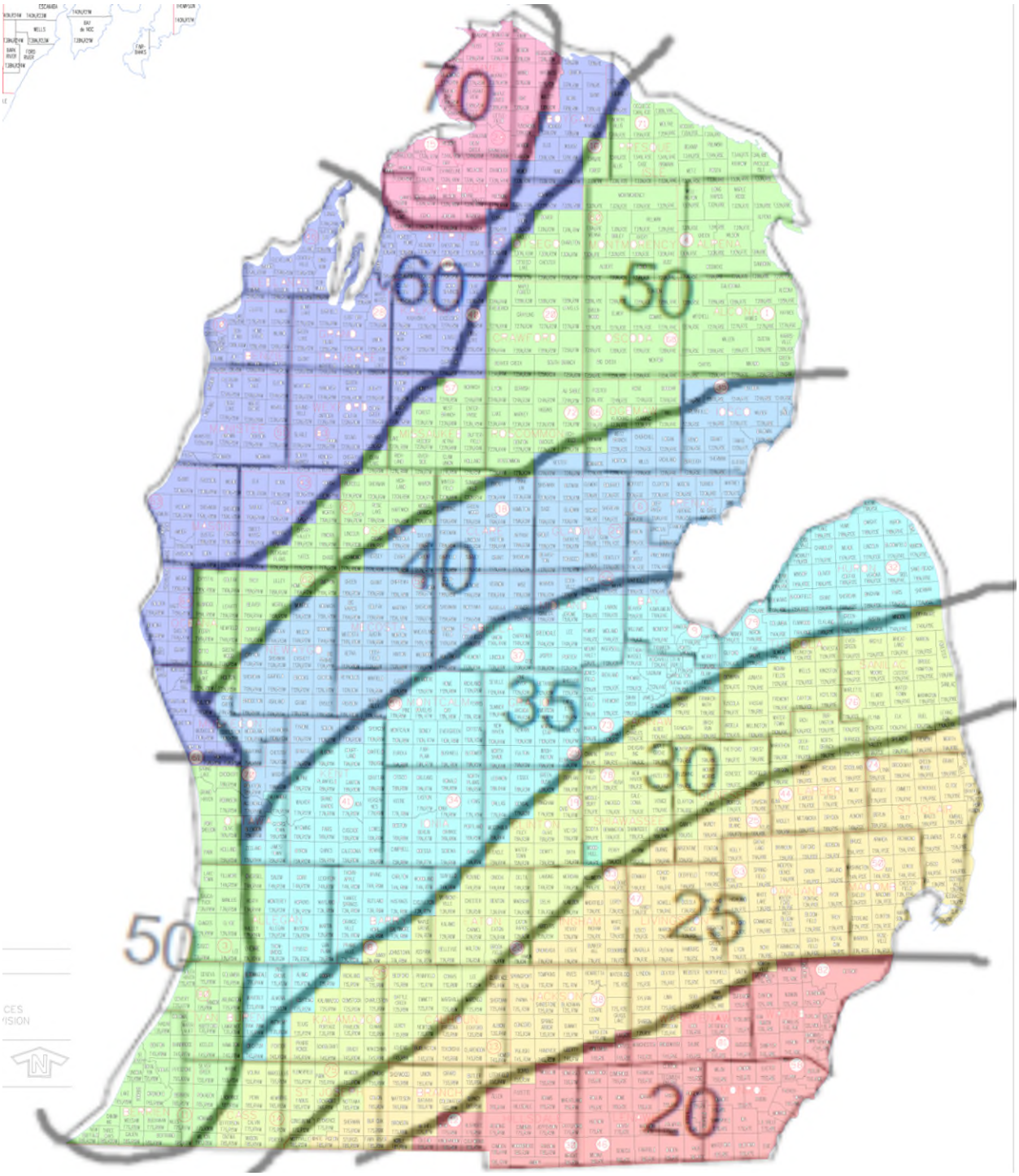

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35
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25
20
50

Table 1608.3
Michigan Ground Snow Loads by Jurisdiction

COUNTY	GROUND SNOW LOAD	JURISDICTIONS
Alcona	50	All
Alger	70	All
Allegan	50	All except:
	35	city of Allegan city of Otsego city of Plainwell city of Wayland village of Hopkins village of Martin township of Allegan township of Dorr township of Gun Plain township of Hopkins township of Leighton township of Martin township of Monterey township of Otsego township of Salem township of Trowbridge township of Watson township of Wayland
Alpena	50	All
Antrim	60	All except:
	70	township of Banks township of Central Lake township of Echo township of Jordan township of Warner
Arenac	40	All
Baraga	70	All
Barry	35	All except:
	30	village of Nashville township of Assyria township of Barry township of Johnstown township of Maple Grove
Bay	35	All except:

	40	city of Pinconning township of Fraser township of Garfield township of Gibson township of Mt. Forest township of Pinconning
Benzie	60	All
Berrien	50	All
Branch	25	All except:
	20	township of Algansee township of California township of Gilead township of Kinderhook township of Ovid
Calhoun	25	All except:
	30	city of Battle Creek city of Marshall city of Springfield village of Athens township of Athens township of Battle Creek township of Bedford township of Convis township of Emmet township of Lee township of Leroy township of Marengo township of Marshall township of Newton township of Pennfield
Cass	30	All except:
	50	city of Dowagiac village of Cassopolis village of Edwardsburg township of Howard township of La Grange township of Milton township of Pokagon township of Silver Creek township of Wayne
Charlevoix	70	All
Cheboygan	70	All except:

	60	city of Cheboygan village of Afton village of Wolverine township of Aloha township of Benton township of Ellis township of Grant township of Koehler township of Nunda township of Walker township of Waverly township of Wilmot
Chippewa	70	All except:
	60	village of DeTour township of DeTour township of Raber
Clare	40	All except:
	50	township of Summerfield township of Winterfield
Clinton	30	All except:
	35	city of St. Johns village of Fowler village of Maple Rapids village of Westphalia township of Bengal township of Dallas township of Essex township of Greenbush township of Lebanon township of Westphalia
Crawford	50	All
	60	All except:
Delta	60	All except:
	70	township of Garden township of Masonville township of Nahma
Dickinson	60	All
Eaton	30	All except:
	35	village of Mulliken village of Sunfield township of Sunfield
Emmet	70	All
Genesee	30	All except:

	25	city of Davison city of Fenton city of Grand Blanc city of Linden village of Gaines village of Goodrich township of Argentine township of Atlas township of Davison township of Fenton township of Grand Blanc township of Mundy
Gladwin	40	All
Gogebic	60	All
Grand Traverse	60	All
Gratiot	35	All
Hillsdale	20	All except:
	25	city of Litchfield township of Litchfield township of Scipio
Houghton	80	All except:
	70	township of Adams township of Chassell township of Duncan township of Elm River township of Laird township of Portage
	90	village of Calumet village of Copper City village of Lake Linden village of Laurium township of Calumet township of Schoolcraft
Huron	35	All
Ingham	25	All except:
	30	city of East Lansing city of Lansing city of Mason township of Alaiedon township of Aurelius township of Delhi township of Lansing township of Meridian township of Williamston

Ionia	35	All
Iosco	40	All
Iron	60	All
Isabella	40	All except:
	35	village of Shepherd township of Chippewa township of Coe township of Fremont township of Lincoln township of Union
Jackson	25	All except:
	20	village of Brooklyn township of Columbia township of Norvell
Kalamazoo	30	All except:
	35	city of Parchment township of Alamo township of Cooper township of Oshtemo
Kalkaska	60	All
Kent	35	All except:
	40	city of Cedar Springs village of Casnovia village of Kent City village of Sand Lake village of Sparta township of Nelson township of Solon township of Sparta township of Tyrone
Keweenaw	90	All except:
	100	township of Eagle Harbor township of Grant township of Houghton
Lake	60	All except:
	50	township of Chase township of Cherry Valley township of Ellsworth township of Pinora township of Pleasant Plains township of Yates
Lapeer	25	All except:

	30	village of Clifford village of Columbiaville village of North Branch village of Otter Lake township of Burlington township of Burnside township of Deerfield township of Marathon township of North Branch township of Oregon township of Rich
Leelanau	60	All
Lenawee	20	All
Livingston	25	All
Luce	70	All
Mackinac	60	All except:
	70	township of Newton township of Portage
Macomb	25	All
Manistee	60	All
Marquette	70	All except:
	60	township of Ewing township of Wells township of Republic
Mason	60	All
Mecosta	40	All
Menominee	60	All
Midland	35	All except:
	40	city of Coleman village of Sanford township of Edenville township of Geneva township of Hope township of Mills township of Warren
Missaukee	50	All except:
	60	township of Bloomfield township of Caldwell township of Pioneer
Monroe	20	All
Montcalm	35	All except:

	40	village of Howard City village of Lakeview village of Pierson township of Cato township of Maple Valley township of Pierson township of Reynolds township of Winfield
Montmorency	50	All
Muskegon	40	All except:
	50	township of Holton township of Blue Lake
	60	city of Montague city of Muskegon city of Muskegon Heights city of North Muskegon city of Norton Shores city of Roosevelt Park city of Whitehall township of Dalton township of Fruitland township of Fruitport township of Laketon township of Montague township of Muskegon township of Sullivan township of Whitehall township of White River village of Fruitport village of Lakewood Club
Newaygo	40	All except:
	50	village of Hesperia township of Barton township of Beaver township of Denver township of Home township of Lilley township of Merrill township of Troy
Oakland	25	All
Oceana	60	All except:

	50	village of Hesperia village of Walkersville township of Colfax township of Crystal township of Elbridge township of Ferry township of Greenwood township of Leavitt township of Newfield township of Otto
Ogemaw	40	All except:
	50	city of Rose City township of Cummings township of Foster township of Goodar township of Hill township of Klacking township of Ogemaw township of Rose
Ontonagon	70	All except:
	60	township of Haight township of Interior township of McMillan
Osceola	50	All except:
	40	city of Evart village of Hersey township of Evart township of Hersey township of Orient township of Osceola township of Sylvan
Oscoda	50	All
Otsego	50	All except:
	60	village of Elmira village of Vanderbilt township of Corwith township of Elmira township of Hayes township of Livingston
Ottawa	50	All except:
	35	township of Georgetown township of Jamestown township of Tallmadge township of Zeeland

	40	city of Coopersville township of Allendale township of Blendon township of Chester township of Polton township of Wright
Presque isle	50	All except:
	60	township of Bearinger
Roscommon	50	All except:
	40	township of Nester
Saginaw	35	All except:
	30	city of Frankenmuth village of Birch Run village of Chesaning village of Oakley township of Albee township of Birch Run township of Brady township of Bridgeport township of Chapin township of Chesaning township of Frankenmuth township of Maple Grove township of St. Charles township of Taymouth
Sanilac	30	All except:
	25	village of Melvin township of Fremont township of Worth
	35	village of Minden City township of Austin township of Greenleaf township of Minden
Schoolcraft	70	All
Shiawassee	30	All except:
	25	village of Byron township of Burns
St. Clair	25	All
St. Joseph	30	All except:

	25	city of Sturgis village of Burr Oak village of Colon village of White Pigeon township of Burr Oak township of Colon township of Fawn River township of Sherman township of Sturgis township of White Pigeon
Tuscola	30	All except:
	35	village of Caro village of Cass City village of Fairgrove village of Gagetown village of Reese village of Unionville township of Akron township of Almer township of Columbia township of Elkland township of Elmwood township of Fairgrove township of Gilford township of Wisner
Van Buren	50	All except:
	30	township of Porter
	35	city of Gobles village of Decatur village of Lawton village of Mattawan village of Paw Paw township of Almena township of Antwerp township of Bloomingdale township of Decatur township of Paw Paw township of Pine Grove township of Waverly
Washtenaw	25	All except:

	20	city of Ann Arbor city of Saline city of Ypsilanti village of Manchester township of Augusta township of Bridgewater township of Lodi township of Manchester township of Pittsfield township of Saline township of Superior township of York township of Ypsilanti
Wayne	20	All except:
	25	city of Northville
Wexford	60	All except:
	50	township of Clam Lake

R 408.30458 Elevators and conveying systems.

Rule 458. Sections 3001.1, 3001.5, 3002.5, 3003.1, and 3003.2 of the code are amended, and sections 3003.1.5 and 3004.5 are added to the code to read as follows:

3001.1. Scope. The design, construction, installation, alteration, and repair of elevators and conveying systems and their equipment shall conform with the requirements of the Michigan elevator laws and rules, including 1967 PA 227, MCL 408.801 to 408.824; 1976 PA 333, MCL 338.2151 to 338.2160; R 408.7001 to R 408.8695; and this chapter. Installation or construction in flood hazard areas established in section 1612.3 shall comply with ASCE 24 listed in chapter 35.

3001.5 Change in use. A change in use of an elevator from freight to passenger, passenger to freight, or from 1 freight class to another freight class shall comply with the requirements of R 408.7001 to R 408.8695.

3002.5. Emergency doors. Where an elevator is installed in a single blind hoistway or on the outside of a building, there shall be installed in the blind portion of the hoistway or blank face of the building, an emergency door in accordance with the requirements of R 408.7001 to R 408.8695.

3003.1. Standby power. In buildings and structures where, standby power is required or furnished to operate an elevator, the operation shall be in accordance with sections 3003.1.1 to 3003.1.5 of the code.

3003.1.5. Lighting. Where standby power is connected to elevators, the machine room, car top, pit, and landing lighting shall be connected to the standby power source.

3003.2 Firefighters' emergency operation. Elevators shall be provided with phase I emergency recall operation and phase II emergency in-car operation in accordance with the requirements of R 408.7001 to R 408.8695.

3004.5. Construction at bottom of hoistway. Pits extending to the ground shall have noncombustible floors and be designed to prevent the entry of groundwater into the pit. The pit

floor of any hoistway not extending to the ground shall be of fire-resistive construction, having a fire-resistance rating at least equal to that required for the hoistway enclosure.

R 408.30459 Elevators.

Rule 459. Sections 1009.4 and 1607.11.1 of the code are amended to read as follows:

1009.4. Elevators. To be considered part of an accessible means of egress, an elevator shall comply with the emergency operation and signaling device requirements of R 408.7001 to R 408.8695.

1607.11.1. Elevators. Elevator loads shall be increased by 100% for impact and the structural supports shall be designed within the limits of deflection prescribed by R 408.7001 to R 408.8695.

R 408.30499 Adoption of standards by reference; referenced codes.

Rule 499. Chapter 35 of the code is amended to add the following referenced codes, which are available for inspection and purchase from the Michigan Department of Licensing and Regulatory Affairs, Bureau of Construction Codes, 611 West Ottawa, Lansing, Michigan 48933, each at a cost as of the time of adoption of these rules of: Michigan Electrical Code $131.00, Michigan Mechanical Code $87.50, Michigan Plumbing Code $87.50, Michigan Uniform Energy Code $49.00, Michigan Elevator Code $89.50, and Michigan Skilled Trades Regulation Rule Part 9 Boiler $0:

(a) Michigan Electrical Code	R 408.30801 to R 408.30880 of the Michigan Administrative Code.
(b) Michigan Mechanical Code	R 408.30901 to R 408.30998 of the Michigan Administrative Code.
(c) Michigan Plumbing Code	R 408.30701 to R 408.30796 of the Michigan Administrative Code.
(d) Michigan Uniform Energy Code	R 408.31001 to R 408.31086 of the Michigan Administrative Code.
(e) Michigan Elevator Code	R 408.7001 to R 408.8695 of the Michigan Administrative Code.
(f) Michigan Skilled Trades Regulation Rules Part 9 Boiler	R 339.5171 to R 339.5253 of the Michigan Administrative Code.