



BUILDING DEPARTMENT

4814 HENRY STREET NORTON SHORES, MI 49441
TELEPHONE: 231-799-6801 FAX: 231-798-7302

REPLACEMENT WINDOWS

R613.1 General. This section prescribes performance and construction requirements for exterior window systems. Windows shall be installed and flashed in accordance with the manufacturer's written installation instructions. Written installation instructions shall be provided by the manufacturer for each window.

EGRESS

R310 Minimum Egress Opening Area. As of 1982, All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet and sill height not to exceed 44" height off floor. **Exception:** Grade floor openings shall have a minimum net clear opening of 5 S.F. The minimum net clear opening height shall be 24 inches & the minimum net clear opening width shall be 20 inches (also keeping net clear opening).

Sec. 3320 Homes constructed between 1964-1982, Every sleeping room shall have at least one openable window to permit emergency exit or rescue. Such window shall have a sill height of not more than forty-eight inches (48") above the floor and shall provide not less than five square feet (5 sq. ft.) of openable area with no dimension less than twenty-four inches (24").

Egress prior to 1964 Uniform Building Code allows size for size, type for type change out.

SAFETY GLAZING

R308.4 Hazardous locations.

The following are some hazardous locations for the purposes of glazing:

1. Glazing in doors and enclosures for hot tubs, whirlpools, saunas, steam rooms, bathtubs and showers. Glazing in any part of a building wall enclosing these compartments where the bottom exposed edge of the glazing is less than 60 inches measured vertically above any standing or walking surface.
2. Glazing, in an individual fixed or operable panel adjacent to a door where the nearest vertical edge is within a 24-inch (610 mm) arc of the door in a closed position and whose bottom edge is less than 60 inches (1524 mm) above the floor or walking surface.
3. Glazing in an individual fixed or operable panel, other than those locations described in items above, that meets all of the following conditions.
 - a. Exposed area of an individual pane larger than 9 square feet (0.836 m).
 - b. Bottom edge less than 18 inches (457 mm) above the floor.
 - c. Top edge more than 36 inches (914 mm) above the floor.
 - d. One or more walking surfaces within 36 inches (914 mm) horizontally of the glazing.
4. Glazing in walls and fences enclosed indoor and outdoor swimming pools, hot tubs and spas where the bottom edge of the glazing is less than 60 inches (1524 mm) above a walking surface and within 60 inches (1524 mm) horizontally of the water's edge. This shall apply to single glazing and all panes in multiple glazing.

5. Glazing adjacent to stairways, landings and ramps within 36 inches (914mm) horizontally of a walking surface when the exposed surface of the glass is less than 60 inches above the plane of the adjacent walking surface.
6. Glazing adjacent to stairways within 60 inches (1524 mm) horizontally of the bottom tread of a stairway in any direction when the exposed surface of the glass is less than 60 inches (1524 mm) above the nose of the tread.

MICHIGAN UNIFORM ENERGY CODE

N1101.2 Compliance. The permit applicant shall determine the method used to achieve compliance with the provisions of the code at the time of application for permit.

N1102.4 Replacement fenestration. Where some or all of an existing fenestration unit is replaced with an entirely new replacement fenestration product, including frame, sash and glazed portion, in an existing building, the replacement fenestration shall have a U-factor that does not exceed the maximum fenestration U-factor of 0.35 and an SHGC that does not exceed the maximum fenestration SHGC in table N1102.5. Replacement skylights and shall also satisfy the air leakage requirements of Section N1101.3.2.2.

NOTICE

The issuance or granting of a permit shall not be construed to be a permit for, or approval of, any violation of any provisions of this code or of any other ordinance. Opening changes required to meet current code requirements.

Please note inspection is required for all structural changes prior to concealment & a final inspection shall be scheduled immediately after work is complete. You may schedule these inspections at telephone number (231) 799-6801 with 24 hour notice.

Show the City of Norton Shores inspector upon inspection the manufacturers written installation details & confirmation that the fenestration U factor does not exceed 0.35 (or less than a R3) This needs to be confirmed prior to the window installation.

X _____
 Permit Holder signature Date Printed name

X _____
 Owner / Agent signature Date Printed name

Note: the owner must understand the egress requirement as this may require additional work.

PRELIMINARY MEETING Aji03.1 General. If a building *permit* is required at the request of the prospective *permit* applicant, the *building official* or his designee shall meet with the prospective applicant to discuss plans for any proposed work under these provisions prior to the application for the *permit*. The purpose of this preliminary meeting is for the *building official* to gain an understanding of the prospective applicant's intentions for the proposed work, and to determine, together with the prospective applicant, the specific applicability of these provisions.

- ➔ All citizens and residents are hereby advised that this is a legally binding document duly incorporated by reference and that failure to comply with such requirements as hereby detailed within may subject you penalties under the law. Ignorance of the law shall not excuse noncompliance and it is the responsibility of the citizens to inform themselves as to the laws that are enacted in the United States of America and in the states and cities contained therein.