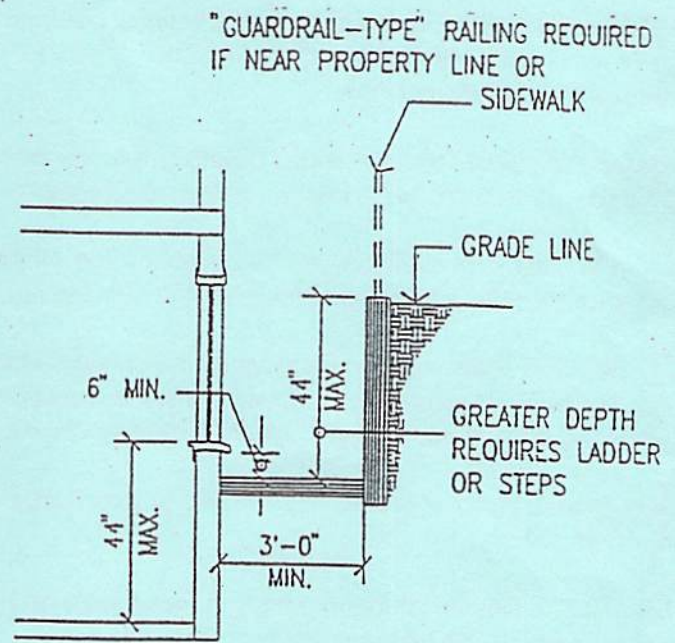
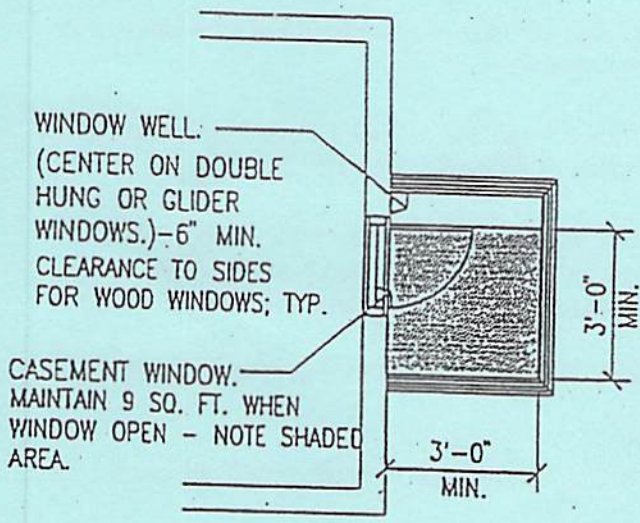


NOTE: 5.7 SQUARE FEET = 821 SQUARE INCHES WHEN MULTIPLYING WIDTH TIMES HEIGHT OF THE OPENING IN INCHES.

A WINDOW ELEVATIONS



B PARTIAL PLAN

C SECTION



CITY OF SAINT PAUL

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ESCAPE WINDOWS IN RESIDENTIAL OCCUPANCIES

The following requirements apply to escape windows from basements in dwelling units and from sleeping rooms below the fourth story.

Escape or rescue windows shall have a minimum net clear openable area of 5.7 square feet (0.53m²) on new window installations (Property Maintenance Code accepts 5.7 sq. ft. of glazed area on existing windows). The minimum net clear openable height dimension shall be 24 inches (610 mm). The minimum net clear openable width dimension shall be 20 inches (508 mm). When windows are provided as a means of escape or rescue, they shall have a finished sill height not more than 44 inches (1118 mm) above the floor on new window installations (48 inches for existing windows).

When approved by the Fire Marshal, a step(s) may be installed to meet the sill height requirement. The step(s) must be permanently affixed under the escape window and must come up from the floor with an eight inch maximum rise and a nine inch minimum run (UBC Sec. 1006.3, exc. 1). The width of the step(s) should be equal to the width of the openable area of the window.

Escape and rescue windows with a finished sill height below the adjacent ground elevation shall have a window well. Window wells at escape or rescue windows shall comply with the following:

1. The clear horizontal dimensions shall allow the window to be fully opened and provide a minimum accessible net clear opening of 9 square feet (0.84m²), with a minimum dimension of 36 inches (914 mm).
2. Window wells with a vertical depth of more than 44 inches (1118mm) shall be equipped with an approved permanently affixed ladder or stairs that are accessible with the window in the fully open position. The ladder or stairs shall not encroach into the required dimensions of the window well by more than 6 inches (1.52 mm).

Bars, grilles, grates or similar devices may be installed on emergency escape or rescue windows, doors or window wells, provided:

1. The devices are equipped with approved release mechanisms which are openable from the inside without the use of a key or special knowledge or effort; and
2. The building is equipped with smoke detectors installed in accordance with Section 310.9.

(Over for Pictorial Examples)