



PERMIT ADDENDUM – STAIRS, GUARDS & HANDRAILS

PERMIT _____ DATE _____

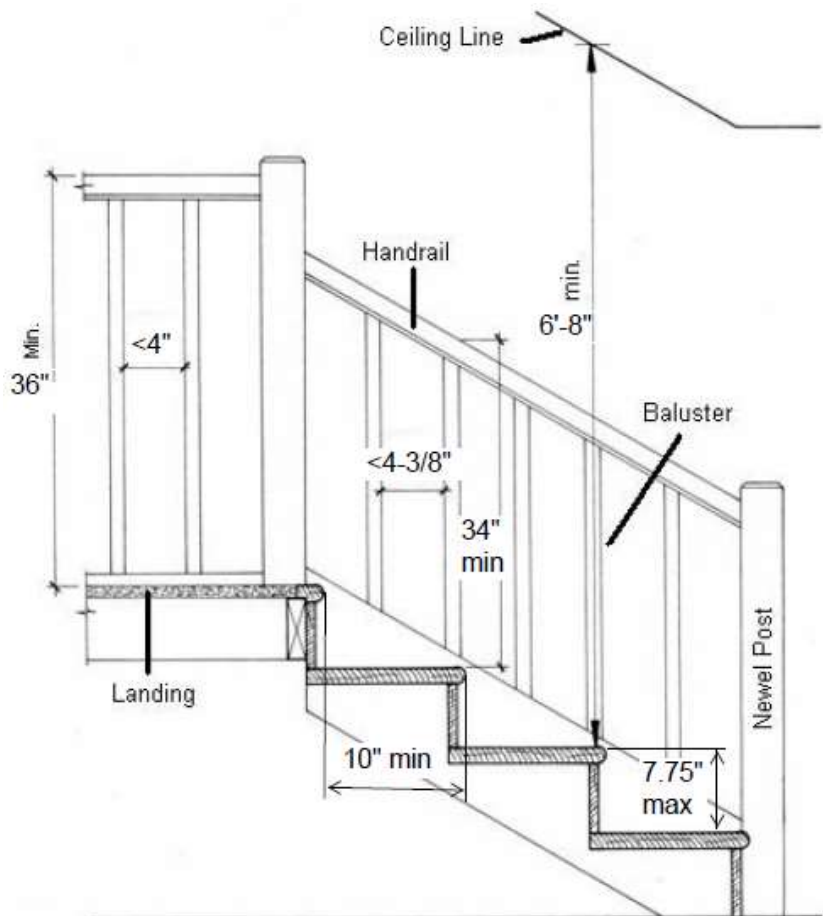
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Permit approval is subject to the following conditions:

1. All construction work involving stairs, guards, and/or handrails (new, replacement, or removal) shall comply with all applicable codes as adopted and amended by the Village of Glendale Heights.
 - a. 2006 International Residential Code
 - b. 2006 International Property Maintenance Code
2. Stairways shall not be less than 36" wide. Handrails shall not encroach more than 4.5" on either side.

- a. The maximum riser height shall be 7-3/4". The greatest riser height within any flight of stairs shall not exceed the smallest by more than 3/8".
- b. The minimum stair tread depth shall be 10". 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".

3. There shall be a floor or landing at the top and bottom of each stairway, except that a floor or landing is not required at the top of an interior flight of stairs, including stairs in an enclosed garage, provided that a door does not swing over the stairs. The width of each landing shall not be less than the width of the stairway served. Every landing shall have a minimum dimension of 36" measured in the direction of travel.



4. Guards shall not be less than 36" in height where the walking surface is located more than 30" above the floor or grade below, except that guards along the open side of stairs shall not be less than 34" in height measured vertically from the nosing of the treads. Guards shall be securely anchored to the structure to resist both vertical and lateral forces.

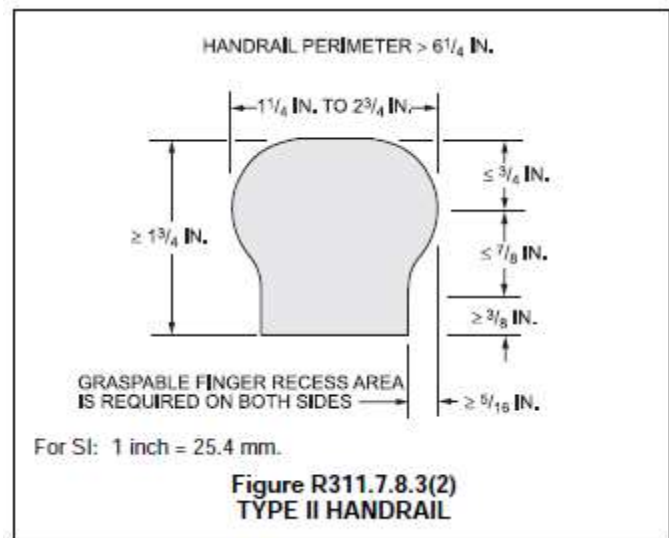
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5. Openings in guards shall not allow passage of a sphere 4" or more in diameter, except that:
 - a. Guards along the open side of stairs shall not allow passage of a sphere 4-3/8" or more in diameter
 - b. The triangular openings formed by the riser, tread and bottom rail of a guard at the open side of a stairway shall not allow passage of a sphere 6" or more in diameter.
6. Guardrails and handrails shall be capable of supporting a single concentrated 200 lb. load applied in any direction at any point along the top. (2006 IRC 301.5)
7. Handrails are required on at least (1) side of every continuous run of at least (4) risers.
8. Handrails shall be not less than 34" and not more than 38" vertically above the tread nosing, and shall be continuous for the full length of the flight. Handrail ends shall be returned or terminate in newel posts or safety terminals.
9. Handrails with a circular cross section shall have an outside diameter of at least 1 1/4" and not greater than 2". If the handrail is not circular it shall have a perimeter dimension of at least 4" and not greater than 6 1/4" with a maximum cross section of dimension of 2 1/4 inches.
10. Alternative Handrail Type:

Handrails with a perimeter greater than 6.25 inches shall have a graspable finger recess area on both sides of the profile. The finger recess shall begin within a distance of 3/4 inch measured vertically from the tallest portion of the profile and achieve a depth of not less than 5/16 inch within 7/8 inch below the widest portion of the profile. This required depth shall continue for not less than 3/8 inch to a level that is not less than 1-3/4 inches below the tallest portion of the profile. The width of the handrail above the recess shall be not less than 1-1/4 inches and not more than 2-3/4 inches. Edges shall have a radius of not less than 0.01 inch.



I hereby certify that I have read and understand all of the above regulations, and I agree to comply with all of the regulations contained herein.

Signature

Date