

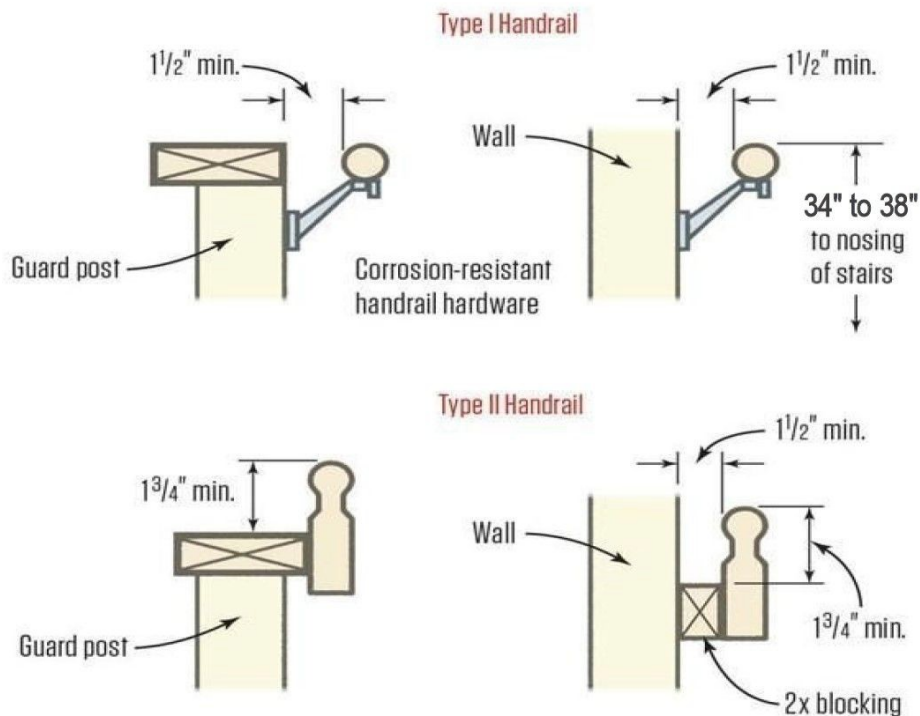
# Residential Handrail Requirements

2020 MN Residential Code R311.7.8

## Handrails:

- Required on at least one side of stairs with four or more risers.
- Shall be continuous for the full length of the stairs and have no sharp edges.
- Ends must return to a wall or post and have no open ends.
- Height shall be 34 inches to 38 inches measured vertically above nosing of treads.
- Shall not project more than 4½ inches on either side of stairway.
- Require a minimum 1½ inch space between it and what it is mounted to.
- Must support a 200-pound force applied at any point along the top.
- The hand grip portion shall be Type I, with a circular cross section diameter of 1 ¼" to 2" or Type II with a minimum width above a recessed area on both sides of 1 ¼" to 2 ¾". *OR provide equivalent graspability.* **Handrails must be graspable.**

## Handrail Mounting



**Note:** A 2x4 or 2x6 is not acceptable without recessed areas on both sides as shown above.

**\*Handrails must be graspable\***



Accuracy – Efficiency – Uniformity