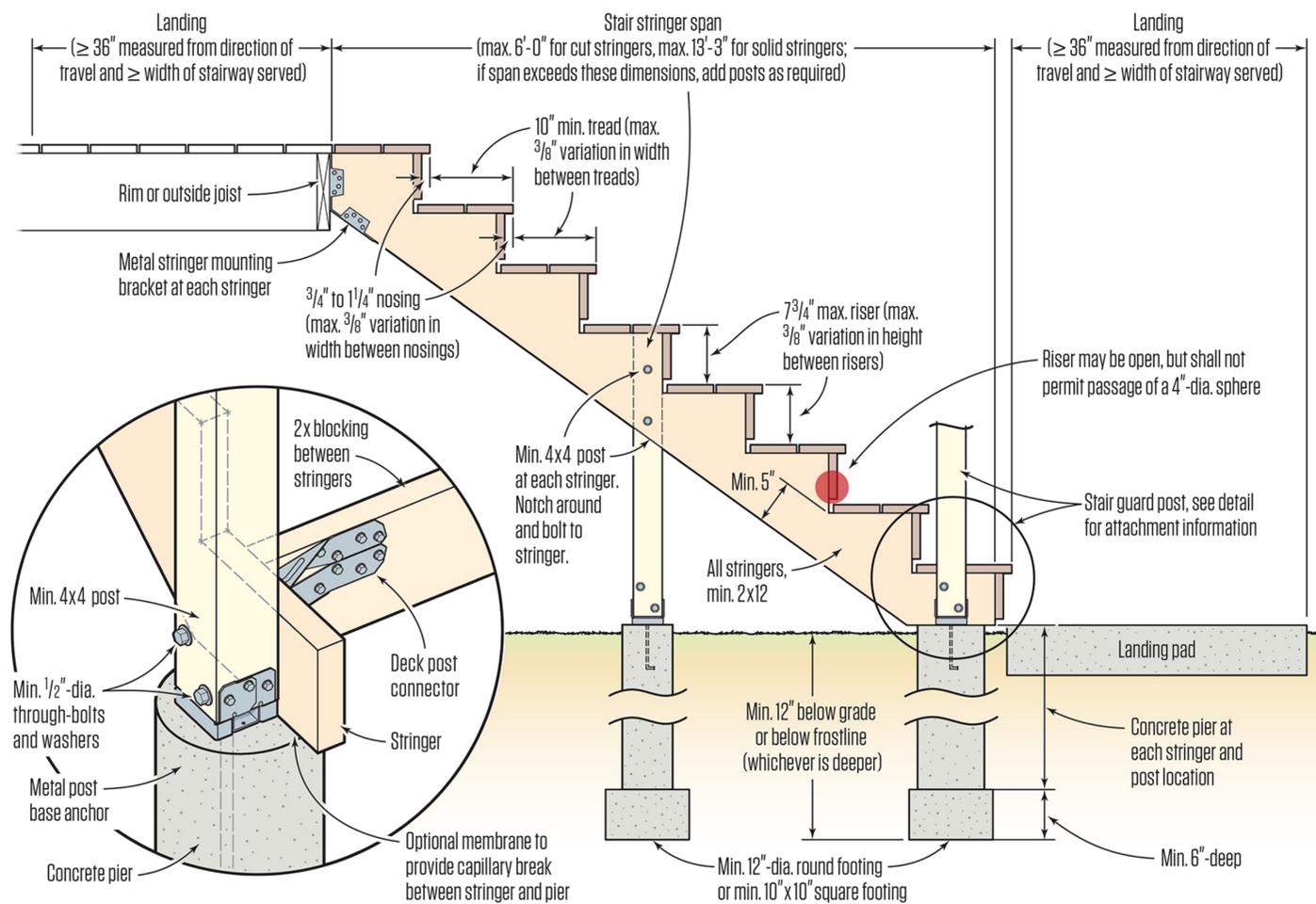
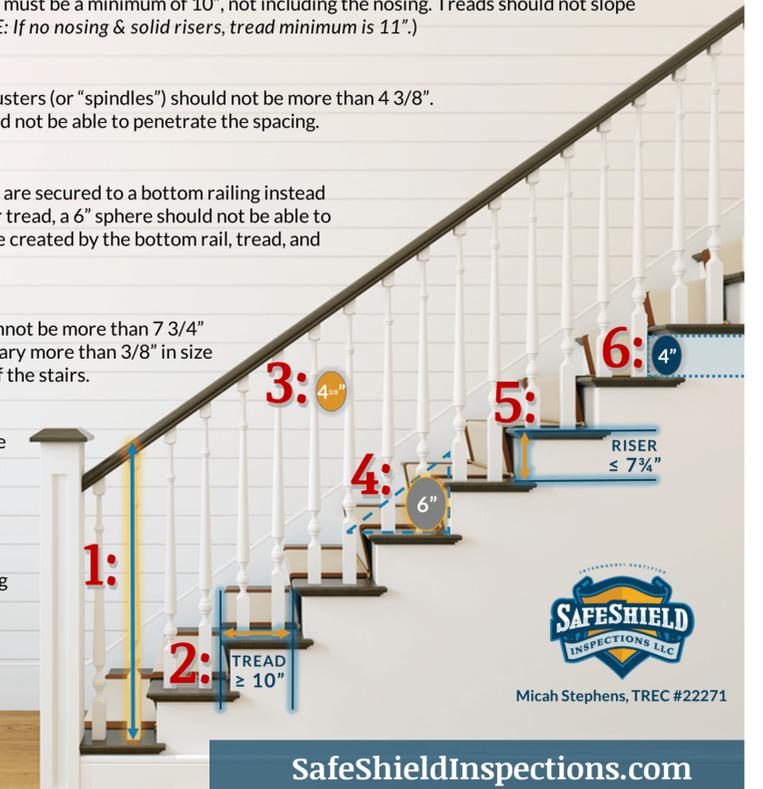


Deck Stair Requirements



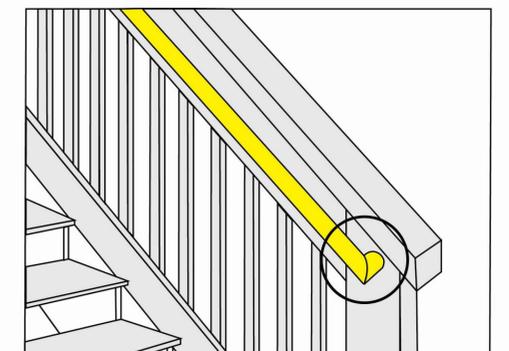
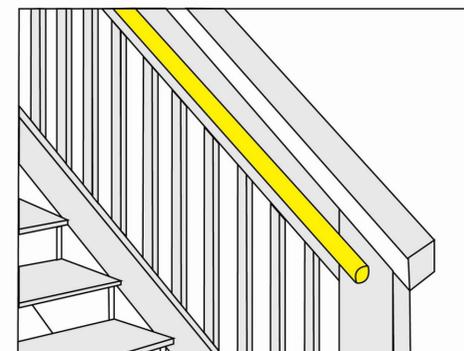
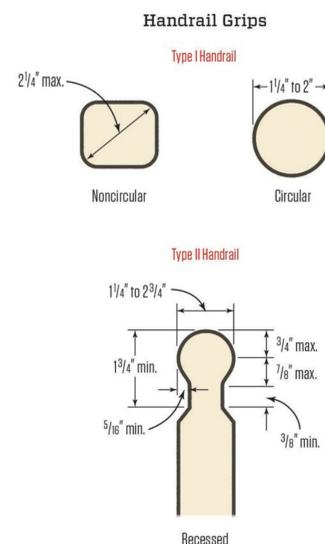
GENERAL STAIR GUIDELINES & REQUIREMENTS

- 1:** Handrail height at stairs is required to be between 34"-38" high. Handrails (continuous) are required on at least one side of flights of stairs with ≥ 4 risers.
- 2:** Tread depth on stairs must be a minimum of 10", not including the nosing. Treads should not slope more than 2%. (NOTE: If no nosing & solid risers, tread minimum is 11".)
- 3:** Spacing between balusters (or "spindles") should not be more than 4 3/8". A 4 3/8" sphere should not be able to penetrate the spacing.
- 4:** If balusters (spindles) are secured to a bottom railing instead of directly to the stair tread, a 6" sphere should not be able to penetrate the triangle created by the bottom rail, tread, and riser.
- 5:** The riser on stairs cannot be more than 7 3/4" high and should not vary more than 3/8" in size throughout the run of the stairs.
- 6:** Risers on stairs can be open. However, open riser treads must prevent the passage of a 4" sphere. If the riser is more than 4" high, the riser opening must be blocked.



STAIR DIMENSIONS

	Maximum Riser Height	Minimum Riser Height	Minimum Tread Depth
Residential	7.75"	4.00"	10.00"
Commercial	7.00"	4.00"	11.00"



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STAIR DETAIL EXAMPLE

This example is for demonstration purposes only. Please verify all specifics with the applicable building and land use codes.