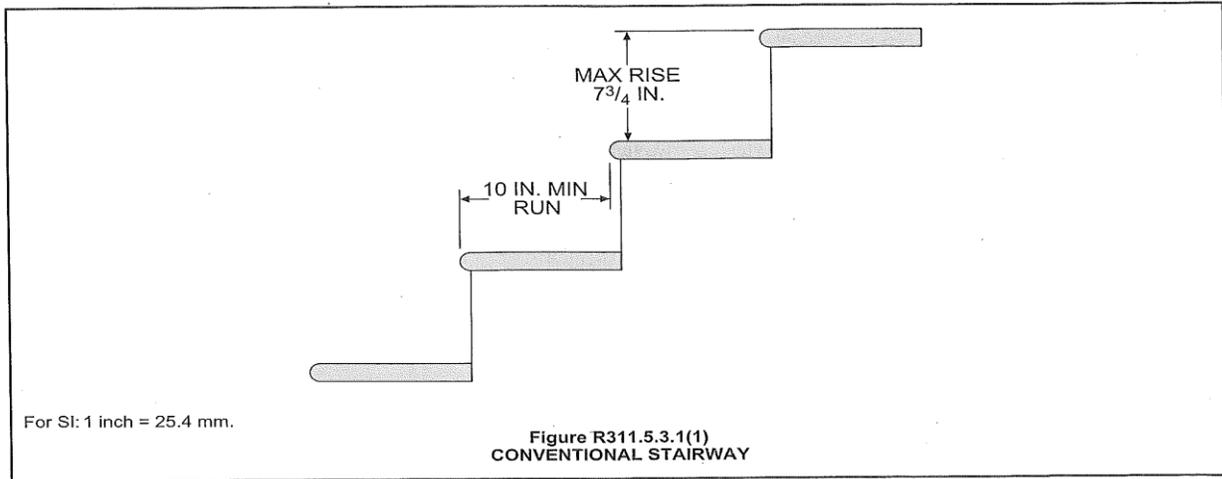


STAIRS, HANDRAILS, & GUARDS

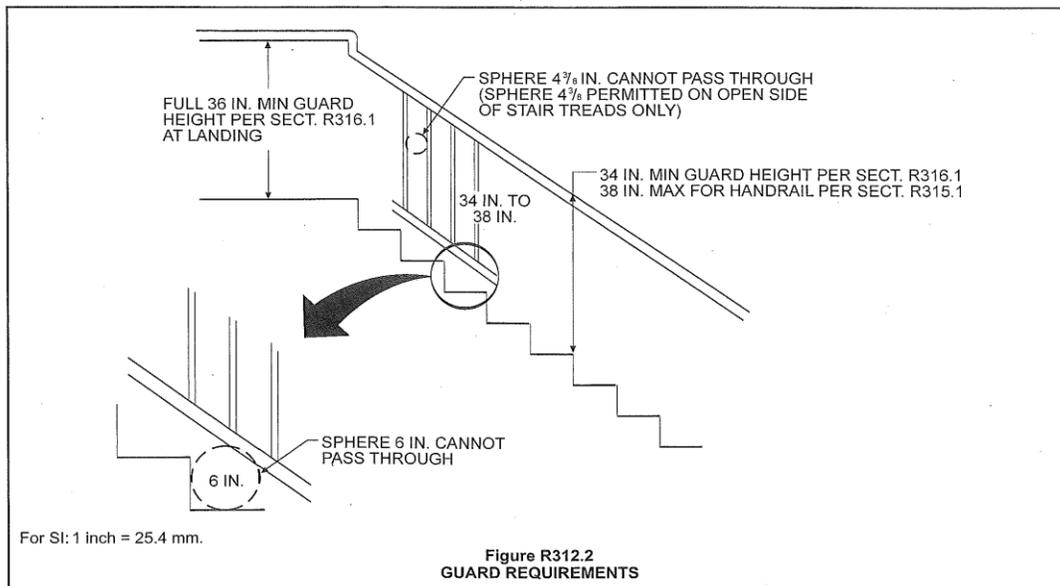
ONE AND TWO FAMILY DWELLINGS

2006 International Residential Code, Section 311 & 312



TREADS & RISERS: Maximum riser is $7\frac{3}{4}$ " and the minimum tread depth is 10". No more than $\frac{3}{8}$ " differential between the smallest and greatest riser height.

PROFILE: NOSING REQUIRED: A nosing not less than $\frac{3}{4}$ " and not more than $1\frac{1}{4}$ " shall be provided on stairs with solid risers. The greatest nosing projection shall not exceed the smallest by more than $\frac{3}{8}$ ". Open risers are permitted if the opening between treads does not permit the passage of a 4" diameter sphere. A nosing is not required where the tread depth is a minimum of 11".



GUARDS: Shall be minimum 36" in height and maximum 4" apart where the floor is 30" above grade.

HANDRAILS: Shall be continuous, the full length of the stairs from a point directly above the top riser of a flight to a point directly above the lowest riser of the flight. A handrail is required on at least one side of any stairway that has four or more risers. Handrail 34" to 38" in height. Handrails adjacent to a wall shall have a space of not less than 1 1/2" between the wall and handrails.

HANDGRIP PORTION: Shall be one of the following types or provide equivalent graspability. This also applies to stairs servicing outside decks.

