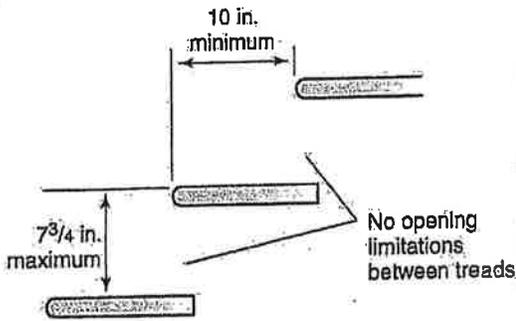
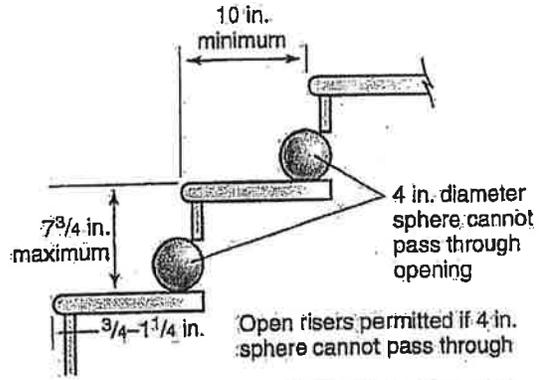
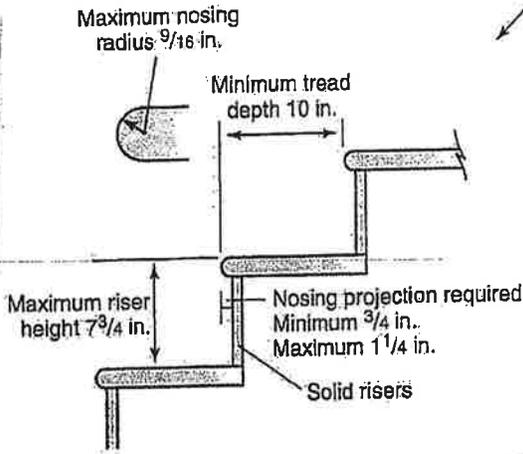
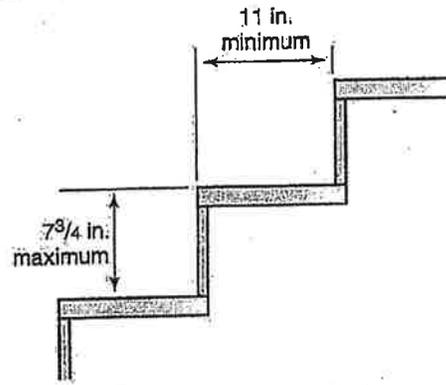


# Residential Stair Illustrations

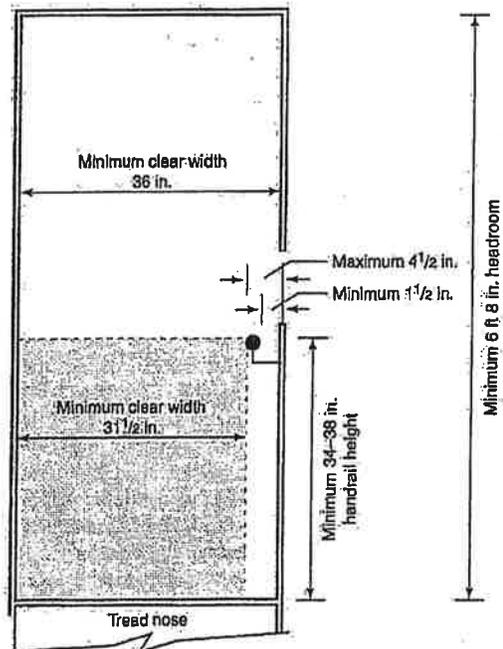
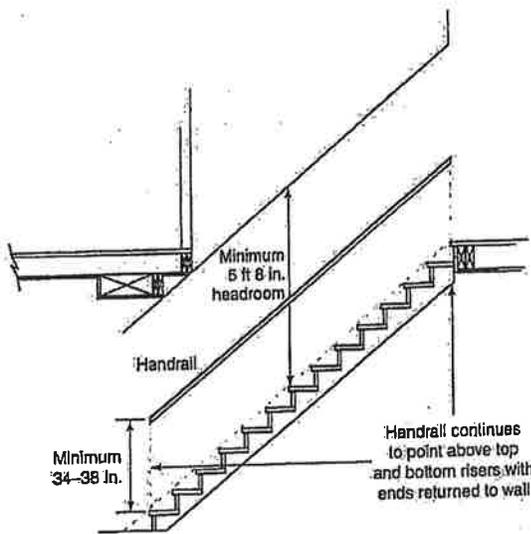
Stairways with a total rise > 30 in.



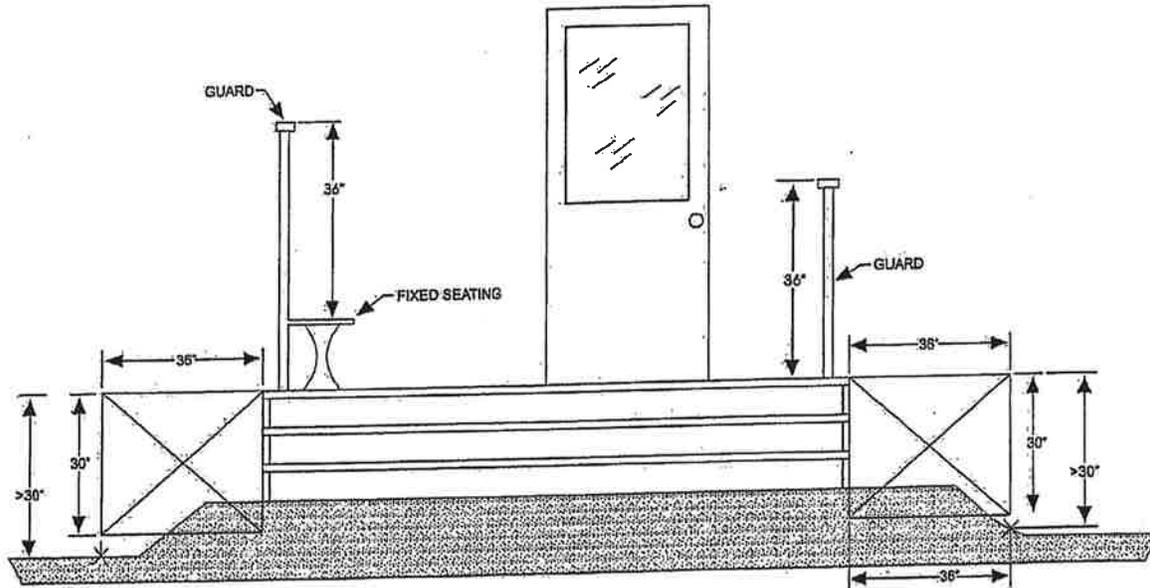
Stairs with total rise of 30 in. or less



Nosing projection not required



# Residential Guards



For SI: 1 inch = 25.4 mm.

Figure R312.1  
DROP OFF AND GUARD HEIGHT REQUIREMENTS

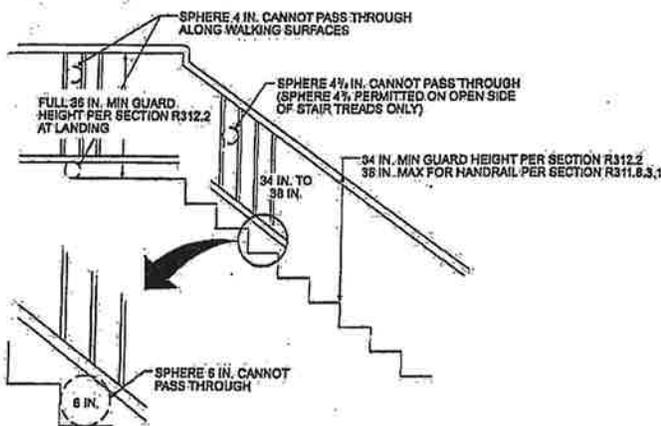


Figure R312.3  
GUARD REQUIREMENTS

## General Requirements:

- Guards are required along open-sided walking surfaces located more than 30 inches above the floor or grade below, measured at any point within 36 inches horizontally to the edge of the open side
- Guards shall be not less than 36 inches high, unless also serving as a handrail on the open sides of stairs

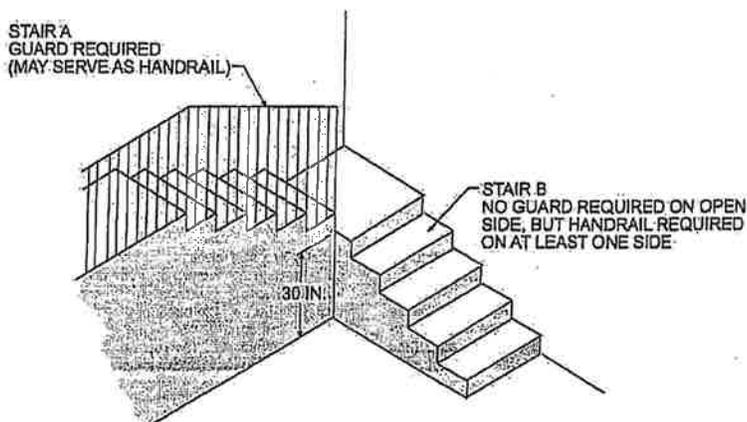
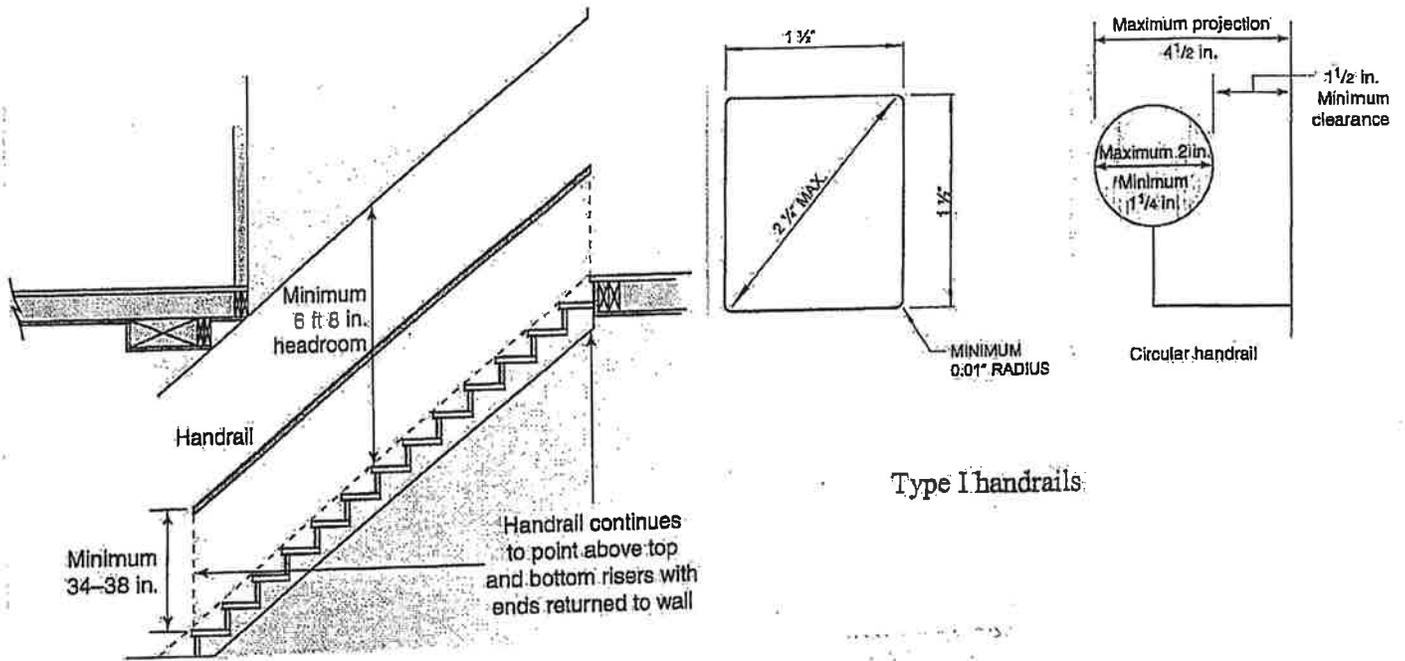


Figure R312.2(1)  
STAIRWAY GUARD

2015 IRC

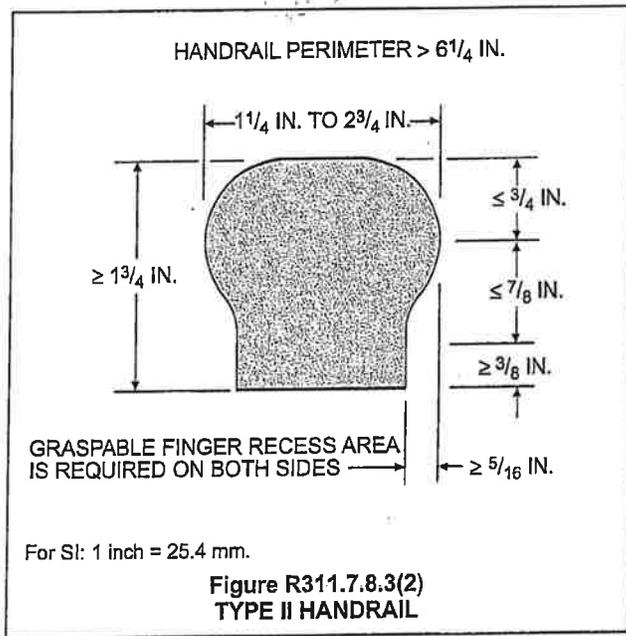
# Residential Handrails



Type I handrails

## General Residential Requirements:

- Handrails required on at least one side of each continuous run of treads or flight with 4 or more risers.
- Handrail height between 34" and 38" measured vertically above tread nosing
- Handrails must be continuous from directly above the top riser to directly above the lowest riser
- Handrails shall terminate in newel posts or safety terminals



Type II handrails