

Typical Detail for Stairs, Guard, & Handrails for Single Family Dwelling Units

9.8.8.6

GUARD SHALL BE DESIGNED SO AS NOT TO FACILITATE CLIMBING BETWEEN 5'-1/2" & 35'-1/2" FROM WALKING SURFACE LOCATED AT 4.2 M ABOVE THE ADJACENT LEVEL
HANDRAILS MUST BE GRASPABLE 34" MIN. - 42" MAX. MEASURED VERTICALLY FROM STAIR NOSING LINE IF ACTING AS GUARD MIN. 35'-1/2"

CLEAR SPACING SHALL BE LESS THAN

NOTE: MAX. DISTANCE IS MEASURED TO TOP OF BOTTOM RAIL.

GUARD, MIN. 35'-1/2"

STAIR NOSING LINE
SLIP-RESIST. FINISH IF STAIRS EXTERIOR

NOSINGS
MAX. 1"

TREAD

RUN

RISE

4"

4" MAX.

5 1/2" MAX.

42" MIN. (35 1/2" MIN. IF EXTERIOR LANDING OR WALKING SURFACE IS WITHIN 5'-11" OF GRADE)

35 1/2" MIN. IF STAIRWAY IS INSIDE A DWELLING UNIT

MIN. HEIGHT OVER STAIRS 6' 4-3/4"

RISE:	MAX. = 7-7/8"
	MIN. = 5"
RUN:	MAX. = 14"
	MIN. = 10-1/16"
TREAD:	MAX. = 15"
	MIN. = 10-1/16"
NOSING:	MAX. = 1"

- STAIR WIDTH: ○ MIN. = 34" CLEAR
○ ONE HANDRAIL REQUIRED ON EXTERIOR STAIRS WITH MORE THAN THREE RISERS AND INTERIOR STAIRS WITH MORE THAN TWO RISERS SERVING NOT MORE THAN ONE DWELLING UNIT