

Typical Detail for Stairs, Guards & Handrails for Single-Family Dwelling Units

British Columbia Building Code 9.8.8.6.

GUARD shall be designed so as not to facilitate climbing between 5-1/2" & 35-1/2" when located 13' 9-1/2" above the adjacent level.

HANDRAILS must be graspable 34" – 42" max. measured vertically from stair nosing line.

If acting as a guard, min. 35-1/2" or 42" when walking surface is more than 5'11" above finished grade for exterior guards.

CLEAR SPACING shall be less than 4"

Note: Max. distance is measured to the top of the bottom rail.

GUARD MIN. 35-1/2" or 42" (see above)

STAIR NOSING LINE

SLIP-RESISTANT FINISH IF EXTERIOR STAIRS

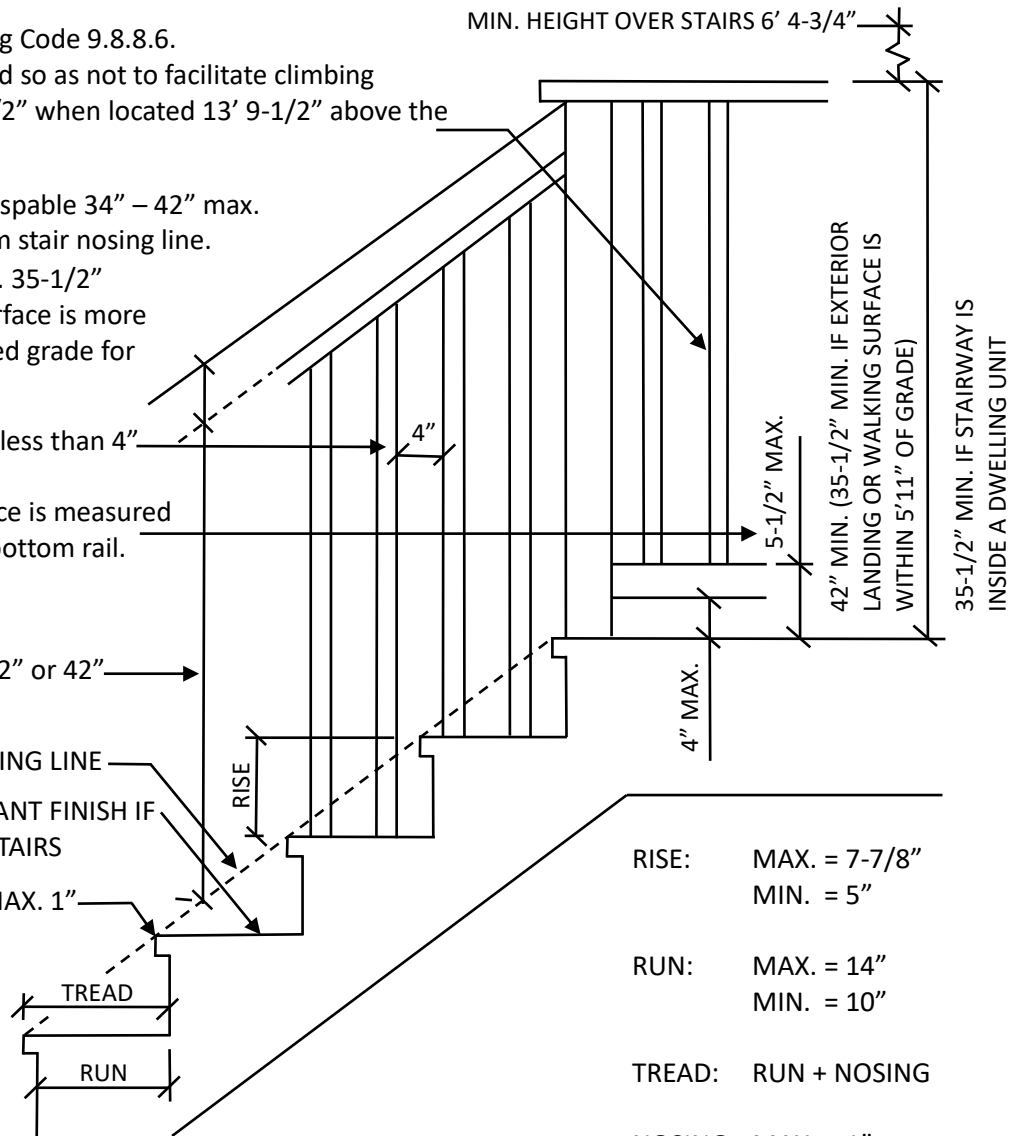
NOSINGS MAX. 1"

TREAD

RUN

RISE

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



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

5-1/2" MAX.

4" MAX.

4"

RISE: MAX. = 7-7/8"
MIN. = 5"

RUN: MAX. = 14"
MIN. = 10"

TREAD: RUN + NOSING

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.

NOSING DEPTH can be 0" to 1" consistent throughout stair flight.