FLORIDA BUILDING CODE ACCESSIBILITY STAIR CONSTRUCTION

Florida Building Code, Accessibility (FBCA)
Florida Building Code (FBC)

FBCA 504.2 All steps in a flight of stairs shall have a uniform riser height and uniform tread depth. Risers shall be 4" minimum to 7" maximum. Treads shall be 11 inches deep minimum.

FBCA 504.3 open risers are not permitted.

FBCA 504.5 Radius curve at leading edge of tread shall be ½" maximum.

FBCA 505.2 Handrails shall be provided on both sides of stairs.

FBCA 505.3 Handrails shall be continuous within the full length of each flight of stairs.

FBCA 505.4 Handrails top of gripping surface shall be 34" minimum - 38" maximum.

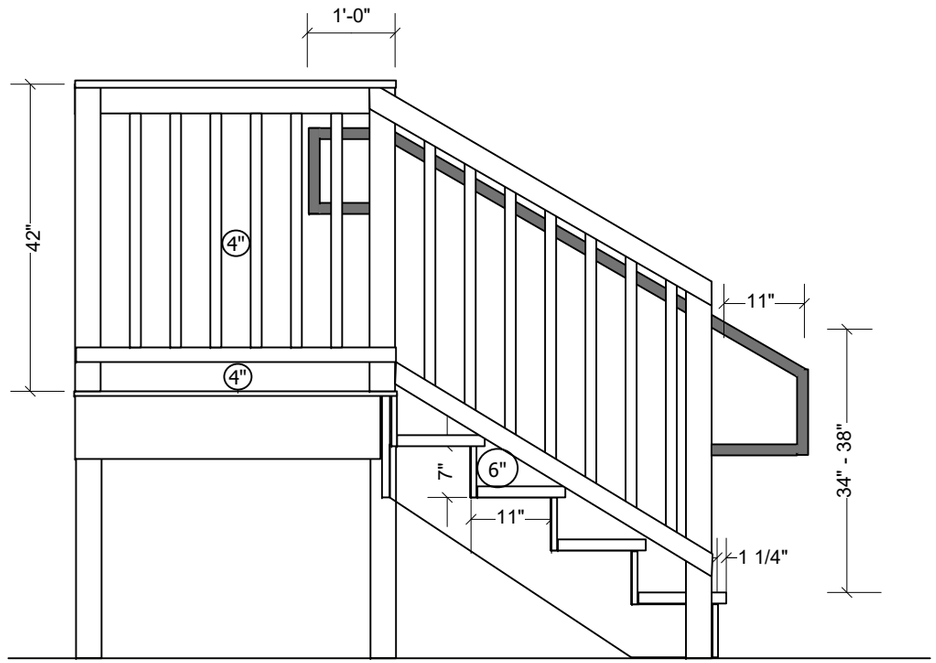
FBCA 505.5 Handrails shall be 1 ½" minimum clearance between handrails and adjacent surface.

FBCA 505.6 Handrails gripping surface shall be continuous along their length and shall not be obstructed along their top or sides.

FBCA 505.7 Handrail gripping surface shall be 1 ¼" minimum to 2" maximum outside diameter for circular handrails or shall be 4" minimum – 6 ¼" maximum perimeter and a cross section dimensions of 2 ¼" maximum for non-circular handrails.

FBCA 505.10.2 Handrails shall extend horizontally for 12" at top of stairs. Extension shall return to wall, guard, or landing surface.

FBCA 505.10.3 Handrails shall extend at the slope of the stair flight for a horizontal distance at least equal to one tread depth. Extension shall return to wall, guard, or landing surface.



FBC 1009.4 Minimum width of stair way shall be not less than 44".

FBC 1009.5 Stairways shall have a minimum head room of 80" measured vertically from leading edge of the nosing.

FBC 1009.8 There shall be a landing at top and bottom of each stairway. The width of landing shall not be less than width of stair. Every landing shall have a dimension measured in the direction of travel equal to the stairway width.

FBC 1013.2 Guards shall be located where walking surface is greater than 30" from the surface or floor below at any point within 36" horizontally to the edge of the open sides.

FBC 1013.3 Guards shall be installed 42" high minimum.

FBC 1013.4 Guards shall not have openings which permit the passage of a 4" sphere. Where a triangular opening occurs at the open sides of a stair formed by the riser, tread and bottom rail shall not allow passage of a sphere 6" in diameter.

FBCA 403.5.1 Minimum clear width (between handrails) shall be not less than 36".

FBCA 404.2.4 Where stair landings form all or part of the required maneuvering clearances for door openings, the stair landing shall be sized in accordance with FBCA table 404.2.4.1.

This detail is provided for information purpose only and cannot be used in place of specific design. Variations of arrangement may require additional increases or decreases of dimensions to comply with code. Standards expressed are paraphrased, the reader should look up specific code section for additional understanding.

SCALE
½" = 1'