

## Stairways

- Width, minimum of stair run 36".[ CBC 1003.3.3.2]
- Positively anchored.[CBC 1605.2.2, 1605.2.3]
- Framing size, bracing, connections, footings. [CBC Table 16-A, footnote 6; Table 16-B, footnote 11.]
- One-hour construction, enclosed side interior stairs. [CBC 1003.3.3.9 paragraph #2].
- Winding minimum tread width 12" from side of stairway where treads are narrower, but in no case shall the width of run be less than 6" at any point. [CBC 1003.3.3.8.2].
- Spiral stair serves maximum 400 sq.ft. CBC 1003.3.3.8.3 paragraph #1.
- Spiral stairway headroom clearance 6'6" at nose of stairs. [CBC 1003.3.8.3].
- Spiral stair tread shall provide a clear walking area at least 26" from the outer edge. [CBC 1003.3.3.8.2 paragraph #2
- Exterior stair not to project into yards where openings are not permitted. [CBC 1003.3.3.10]
- Handrail heights 34"–38 "above nosing. [CBC 1003.3.3.6 par. #2 (see exceptions)].
- Handrail shall be continuous. When width is greater than 88" one per side is required. Over 88" one per side and in center of stairs. [CBC 1003.3.3.6 paragraph #2 ( see exceptions).]

- Handrail handgrip size 1 ¼ ” to 2” smooth. [CBC 1003.3.3.6 par. #3.]
- 1 ½ “minimum between wall and handrail [CBC 1003.3.3.6 par. # 3]
- Handrail ends shall be returned or shall have rounded terminations or bends. [CBC 1003.3.3.6 paragraph #2.]
- Maximum sphere 4” between the intermediate rails of a vertical guardrail. Open guardrails shall have intermediate rails or an ornamental pattern such that a sphere 4” in diameter cannot pass through. [CBC 509.3].
- Standard stairs headroom clearance at nosing minimum 6’8.” [CBC 1003.3.3.4.]
- Landing length / minimum width same as stairs OR maximum of 44” where straight run. [ CBC 1003.3.3.5]
- Maximum 12’ vertical distance between landings. [CBC 1003.3.3.5.]
- Fire blocking between stair stringers.[CBC 708.2.1 #3]

**\* Listed Stairs “pre-made” shall be submitted with ES REPORT per ICC at time of application to meet approval.**