

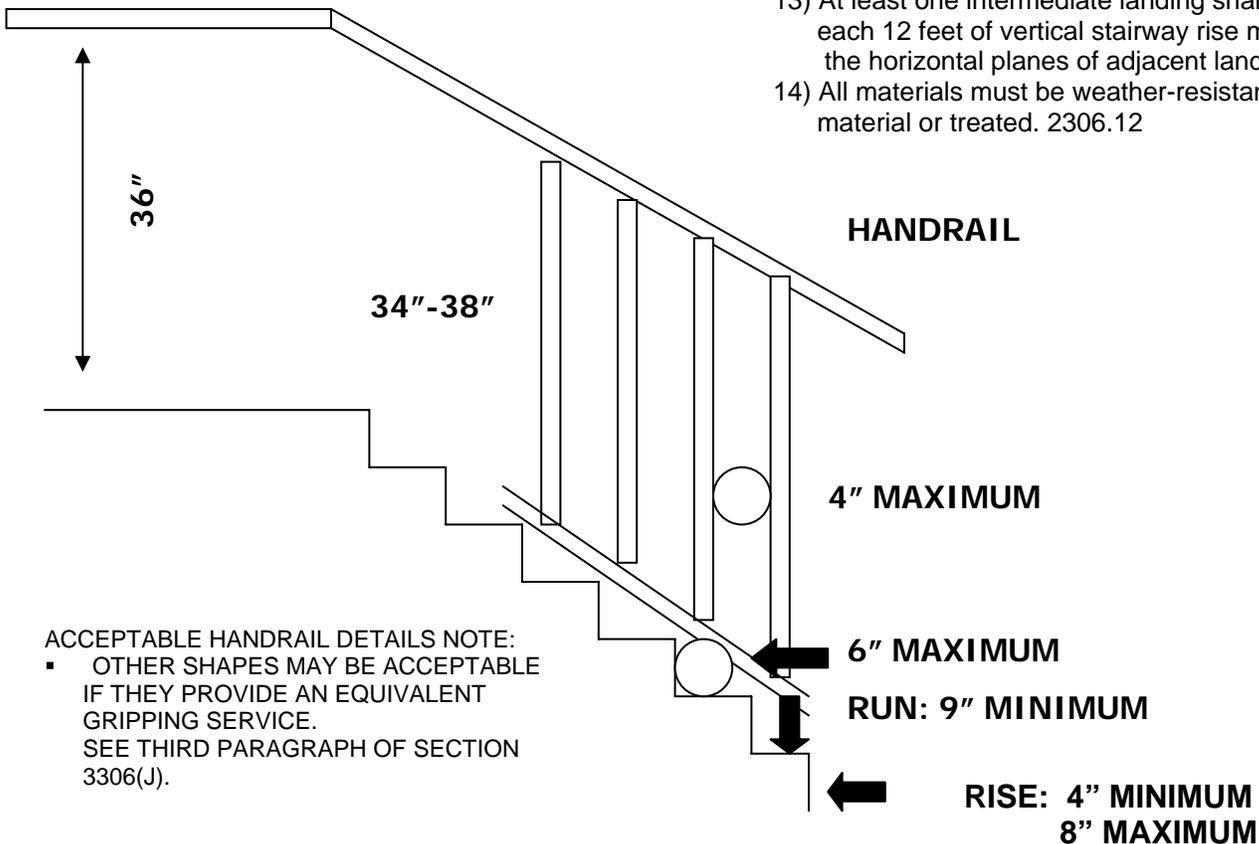


**EXTERIOR STAIRS
(RESIDENTIAL)**

Stairs must comply with Uniform Building Code of 1997.

- 1) Stairs must be 36 inches wide. 1003.3.3.2
- 2) Min. riser height 4" and Max. is 8". 1003.3.exc 1
- 3) Tread width Min. 9" and 11" Max. 1003.3.3.3
- 4) Stair tread material must be 2" nominal material. 606.4.3
- 5) Guardrail must be 36" minimum in height. 1003.33.7,509
- 6) Handrail height is to be minimum 34" to maximum 38" in height. 1003.3.3.6
- 7) Handrails may project 1½ inches on each side. 1003.3.3.2,6

- 8) Ends of the handrail shall be returned or terminated in newel post or safety terminals. 1003.3.3
- 9) Handrails shall extend 12" beyond to and bottom risers. 1003.3.3.6
- 10) The handgrips shall not be less than 1.25 inches nor more than 2" in cross-sectional dimension or the shape shall provide an equivalent gripping surface. 1003.3.3.6
- 11) Open guardrails and stair railing must have intermediate rails or an ornamental pattern that a 4" sphere cannot pass through. 509.3
- 12) The largest tread or riser height within any stairway shall not exceed the smallest by more than 3/8". Stairs tread must be level within 3/8 of inch. 1003.3.3.3
- 13) At least one intermediate landing shall be provided for each 12 feet of vertical stairway rise measured between the horizontal planes of adjacent landing. UBC1003.3.5
- 14) All materials must be weather-resistance approved material or treated. 2306.12



ACCEPTABLE HANDRAIL DETAILS NOTE:
 ▪ OTHER SHAPES MAY BE ACCEPTABLE IF THEY PROVIDE AN EQUIVALENT GRIPPING SERVICE.
 SEE THIRD PARAGRAPH OF SECTION 3306(J).