



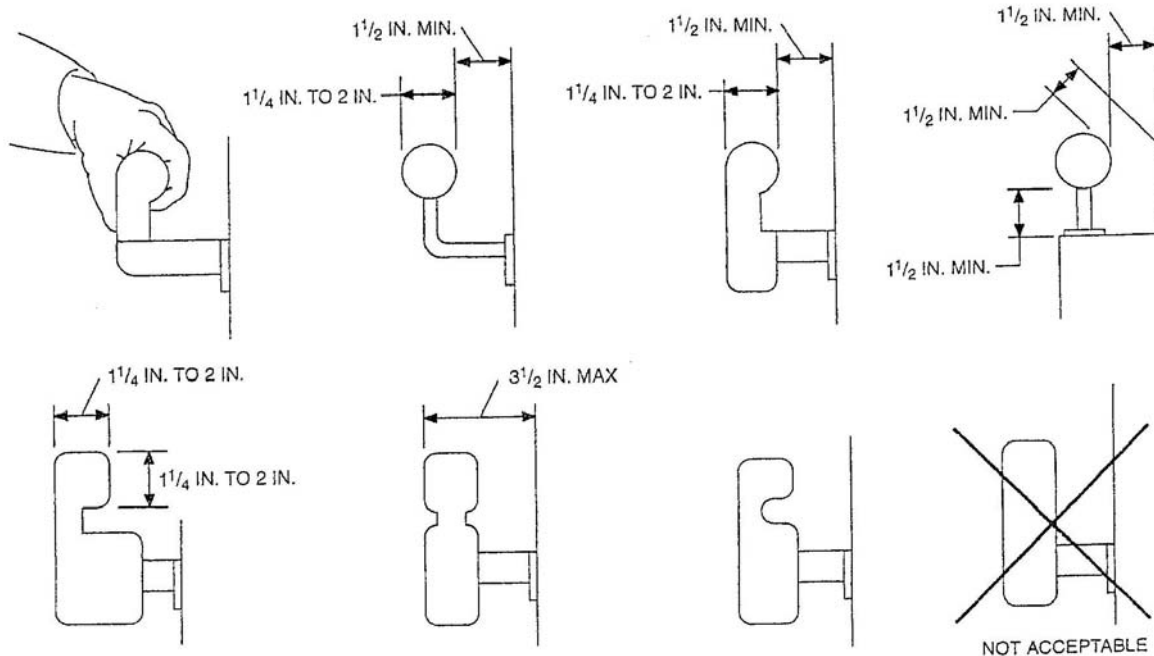
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Residential Stairs and Handrail Information

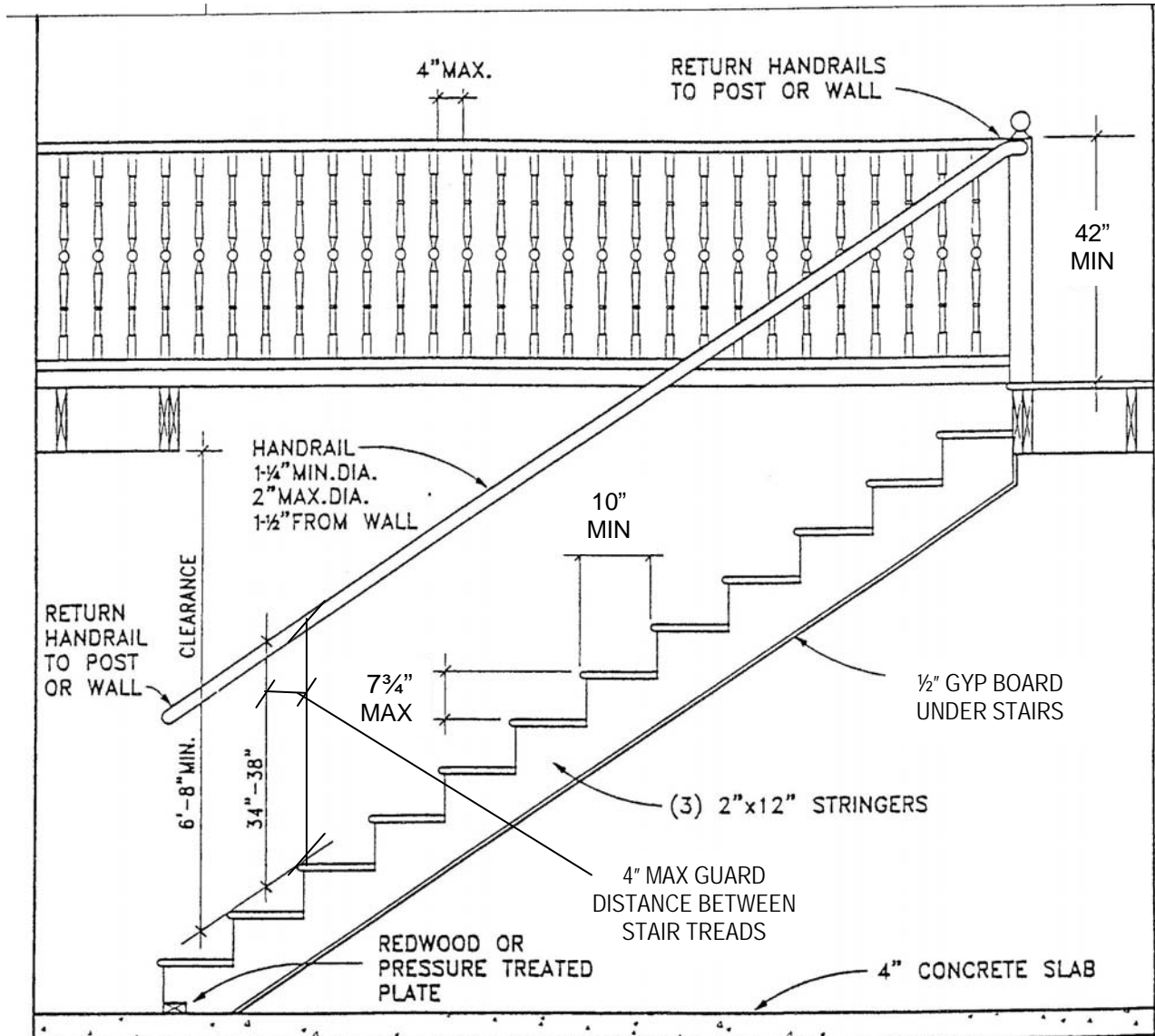
The following information is based on the 2010 California Residential Code. For complete residential stair and handrail information please refer to the above-mentioned Code Section R311. Note that all stairs regardless of the number of risers must be built to comply with the current Codes.

ACCEPTABLE SHAPES AND INSTALLATIONS



NOTE: Other shapes may be acceptable if they provide an equivalent gripping surface.
See third paragraph of Section 1003.3.3.6.

- Handrail ends shall be returned or shall terminate in newel posts or safety terminals.
- The mounting of handrails shall be such that the completed handrail and supporting structure are capable of withstanding a load of at least 200 pounds applied in any direction at any point on the rail.
- The rise and run of steps shall be uniform in size and shape and that the greatest variation cannot exceed 3/8 inch.
- Handrails shall be continuous the full length of the stairs.
- All stairs having four or more risers are required to have handrails and guardrails that comply with current code. See the 2010 California Residential Code Sections R311 and R312.



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The minimum width of all stairways shall not be less than 36 inches. The minimum dimension of all landings shall be 36 inches.

All landings, decks and balconies require a building permit, and any that are more than 30 inches above grade require guardrails that comply with current code.

TYPICAL STAIR AND HANDRAIL DETAIL