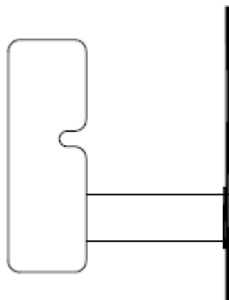
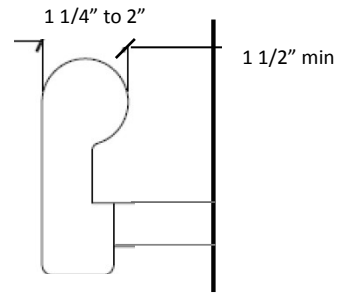
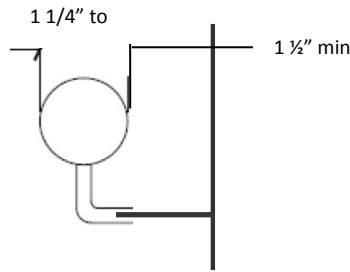
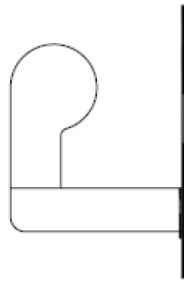
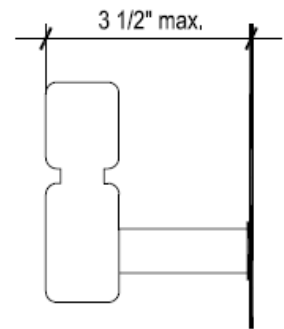
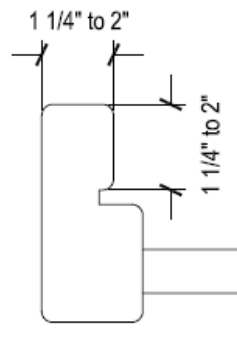
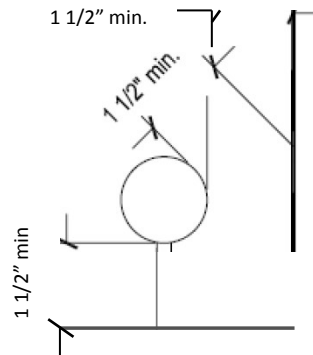


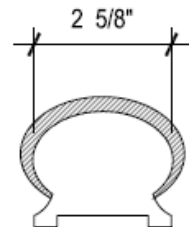
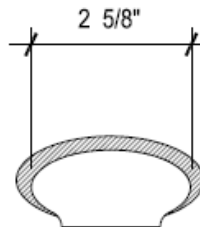
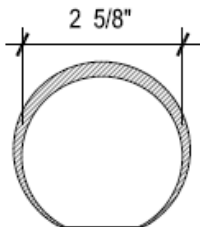
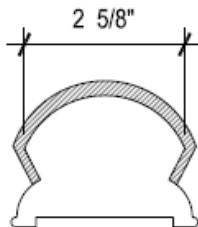
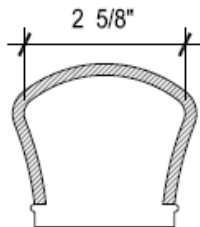
NOT ACCEPTABLE



NO SCALE



Equivalent Gripping Surface

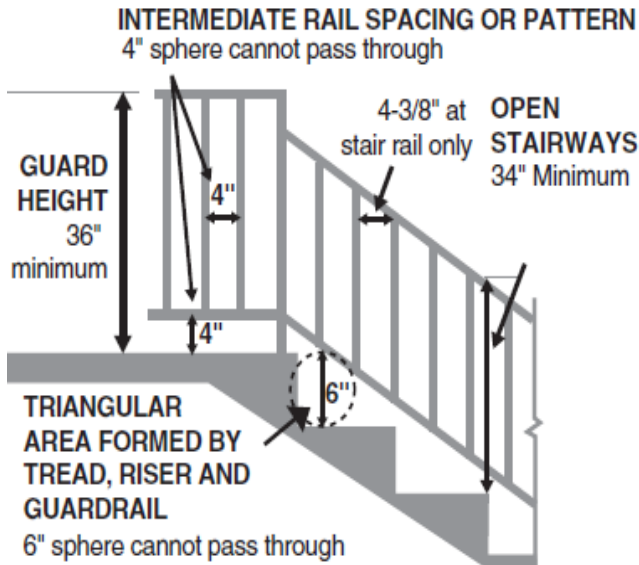


All of the following must be met:

1. Maximum cross-section dimension 2 5/8"
2. Maximum gripping surface 4 1/2"
3. Maximum cross – section 1 1/4"

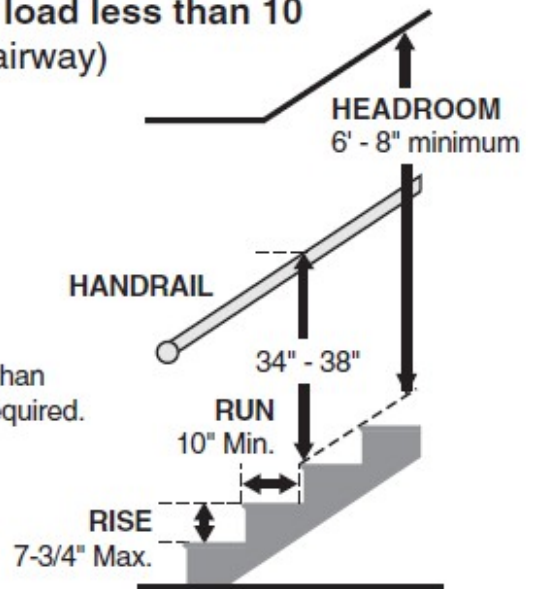
Stair & Landing Requirements

Guard opening limitations



Occupant load less than 10 (Private stairway)

If stairway has closed risers and stair tread is less than 11 inches, a nosing of 3/4 inch depth by no greater than 1-1/4 inch is required.



1. Stairways should be supported on concrete or treated lumber footings.
2. Stairways shall have a minimum width of 36" with a maximum rise of 7 3/4" and a minimum run of 10". The greatest riser height or tread depth in a flight of stairs shall not exceed 3/8".
3. A stairway with 4 or more risers shall have a handrail 34" to 38" above the nose of the tread to the top of the handrail.
4. The handrail shall be continuous the full length of the stairway and shall terminate at a newel post or safety terminal.
5. A minimum of 36" x 36" landing is required at the top of the stairs, a landing or flat ground may be used at the bottom of the stairs.
6. The triangle area between the stair riser and tread at the bottom of the guard must be such that a sphere 6" in diameter cannot pass through.
7. All decks, balconies, and porches which are more than 30" above grade or a floor below must be protected by a guard of a minimum of 36" above the finished surface. Guards and stair railings shall have a horizontal, vertical or diagonal intermediate rails through which a sphere 4" in diameter cannot pass.