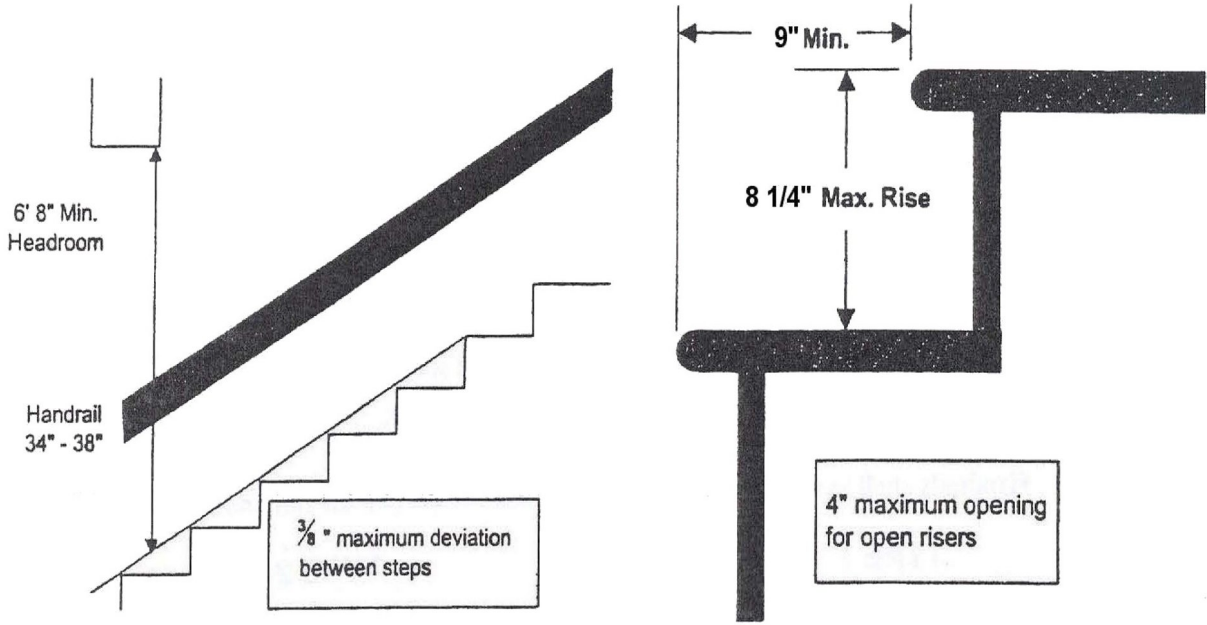
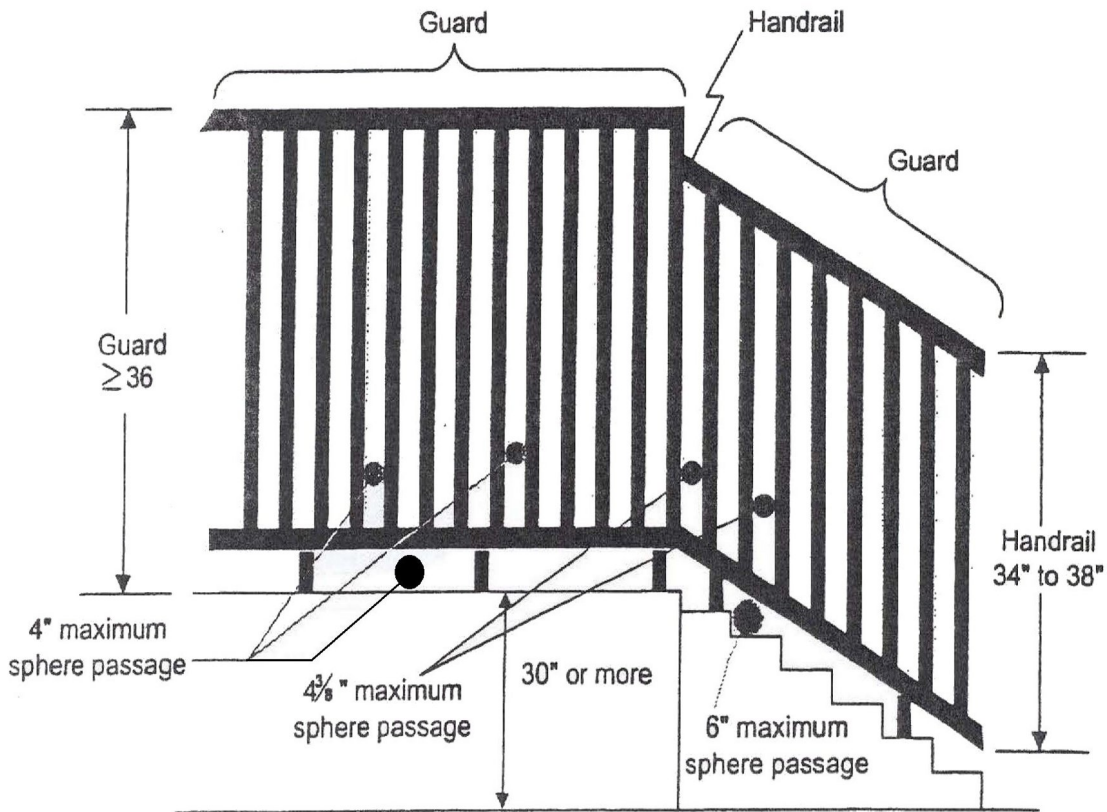


# Residential Stairway and Handrail Guide



Stair Geometry



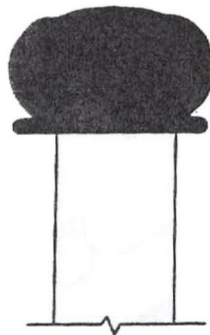
Handrails and Guards

## Handrails

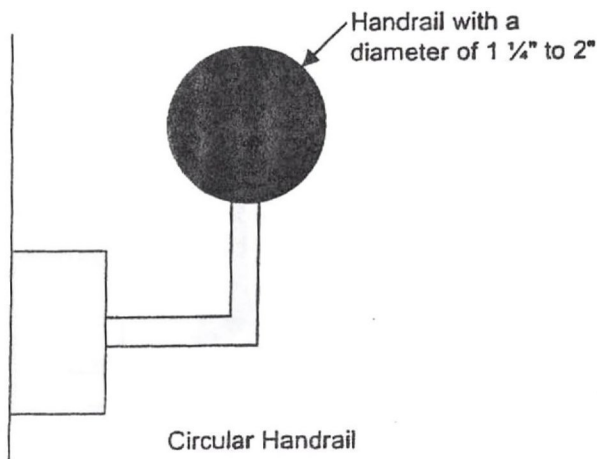
- Shall be provided on all stairs with four (4) or more risers.
- Shall not reduce the clear width by  $> 4.5"$  when installed on one side or  $> 9"$  when installed on both sides.
- Shall be between  $34"$  and  $38"$  high measured from nose of the tread.
- Handrails shall be continuous for the full length of the stairs.
  - Handrails shall either be returned to a wall or terminate in a newel post.
  - Handrails shall have a minimum of  $1\frac{1}{2}"$  clearance between the rail and the wall.

### TYPE 1

Non-circular handrail shall have a perimeter dimension  $4"$  to  $6\frac{1}{4}"$  and a maximum diameter of  $2\frac{1}{4}"$

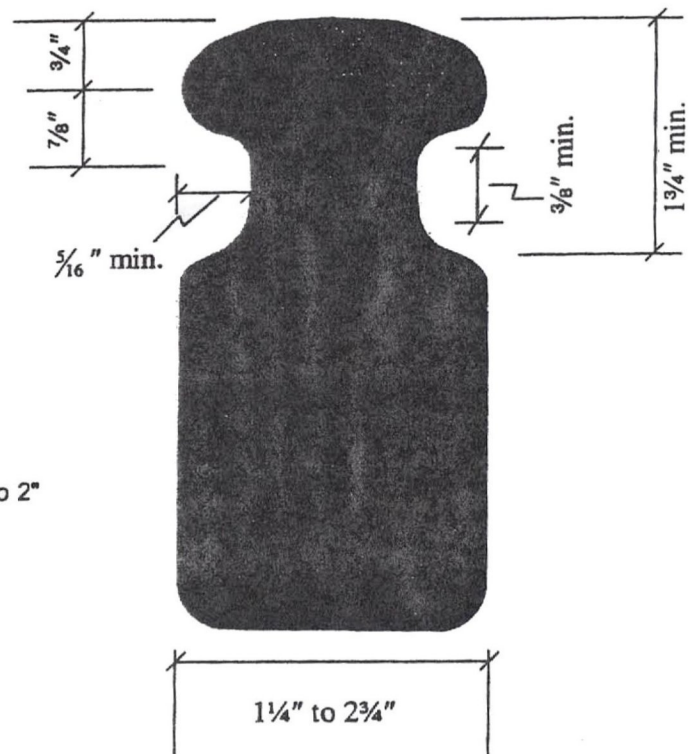


Noncircular Handrail



Circular Handrail

### TYPE 2



## Handrail Grip Size

Returned to Wall or Guardrail at Top and Bottom

