

# Deck Plan Submittal

Deck Size (overall dimensions): \_\_\_\_\_ X \_\_\_\_\_

Note: All fasteners MUST be Exterior grade.

## Guardrail: \_\_\_\_\_

- Required if floor is 30" or more above ground.
- Constructed so no opening will allow a 4" sphere to pass thru.
- Must withstand 200 lb. Side Load.

## Stairs (where applicable):

- No. of Treads (9" min.): \_\_\_\_\_
- No. of Risers (8 1/4" max.): \_\_\_\_\_
- Min. 4" high toe kick.

## Handrail: \_\_\_\_\_

- Constructed so no opening will allow 4-3/8" sphere to pass thru.
- See details below for acceptable Handrails.

## Flooring: \_\_\_\_\_

- Material: \_\_\_\_\_
- Size (nominal): \_\_\_\_\_ X \_\_\_\_\_

## Floor Joists: \_\_\_\_\_

- Material: \_\_\_\_\_
- Size (nominal): \_\_\_\_\_ X \_\_\_\_\_
- Spacing Center to Center: \_\_\_\_\_
- Clear span distance: \_\_\_\_\_

## Carrier Beam: \_\_\_\_\_

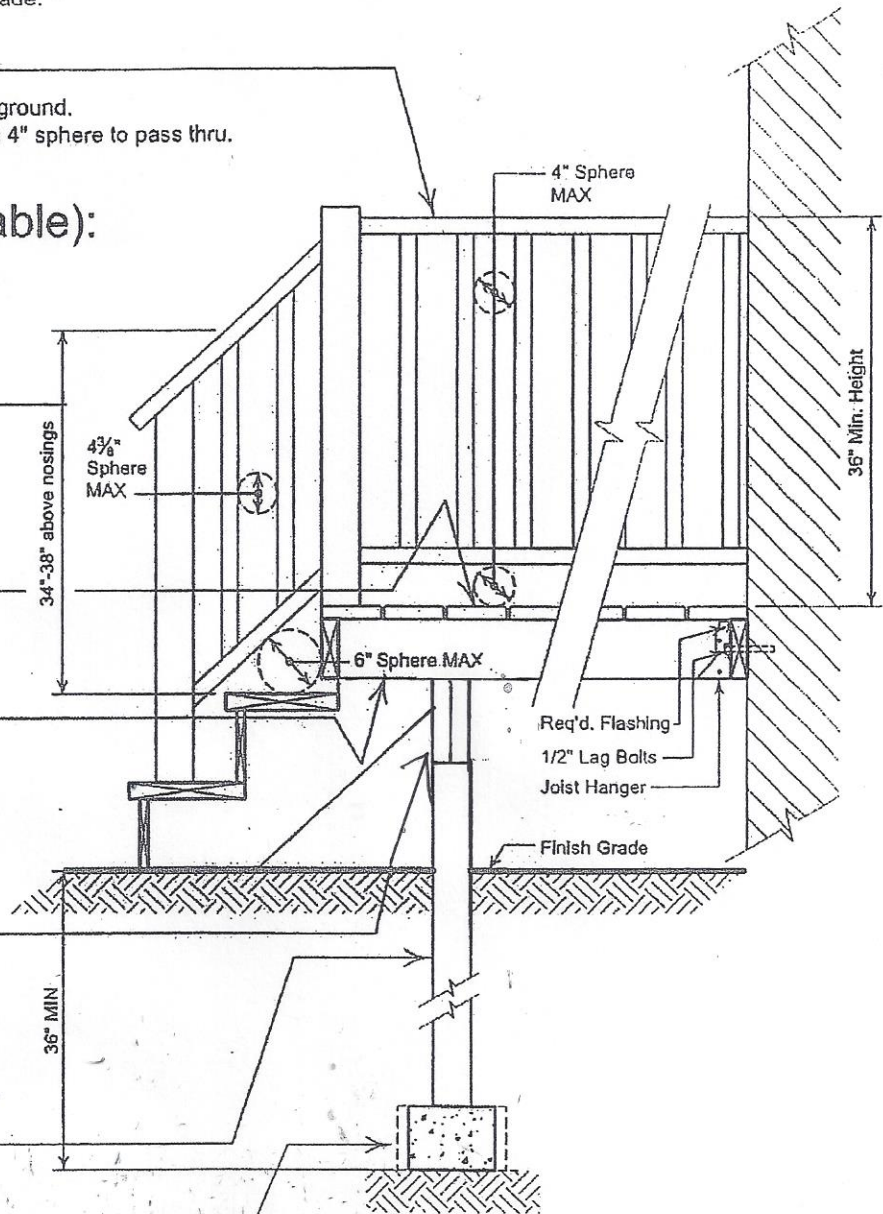
- Material: \_\_\_\_\_
- Size (nominal): \_\_\_\_\_ X \_\_\_\_\_
- Spacing Center to Center: \_\_\_\_\_
- Clear span distance: \_\_\_\_\_

## Support Post: \_\_\_\_\_

- Material: \_\_\_\_\_
- Size (nominal): \_\_\_\_\_ X \_\_\_\_\_
- Post Length: \_\_\_\_\_

## Footer: \_\_\_\_\_

- Depth (below grade): \_\_\_\_\_
- Size: \_\_\_\_\_ X \_\_\_\_\_  
 [ 4x4 Post - 8"Ø ]  
 [ 6x6 Post - 10"Ø ]
- Thickness: \_\_\_\_\_ (6" min.)



Provide Handrail Detail type and Profile Info.:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

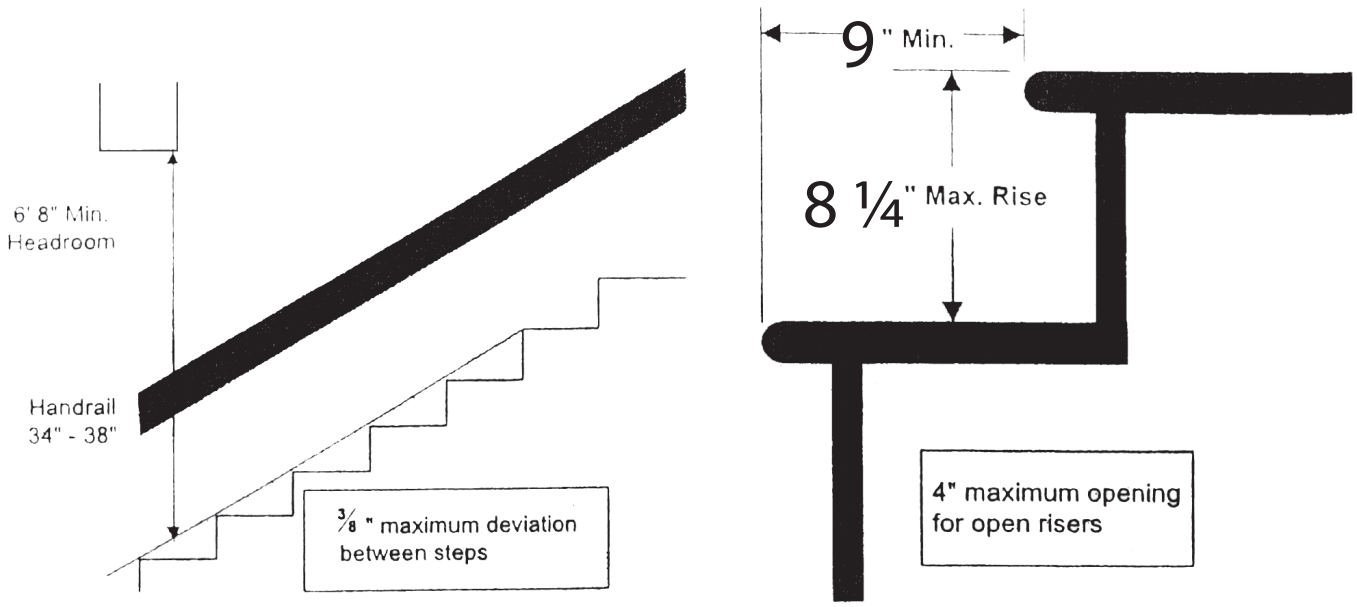


Figure 3.14: Stair Geometry

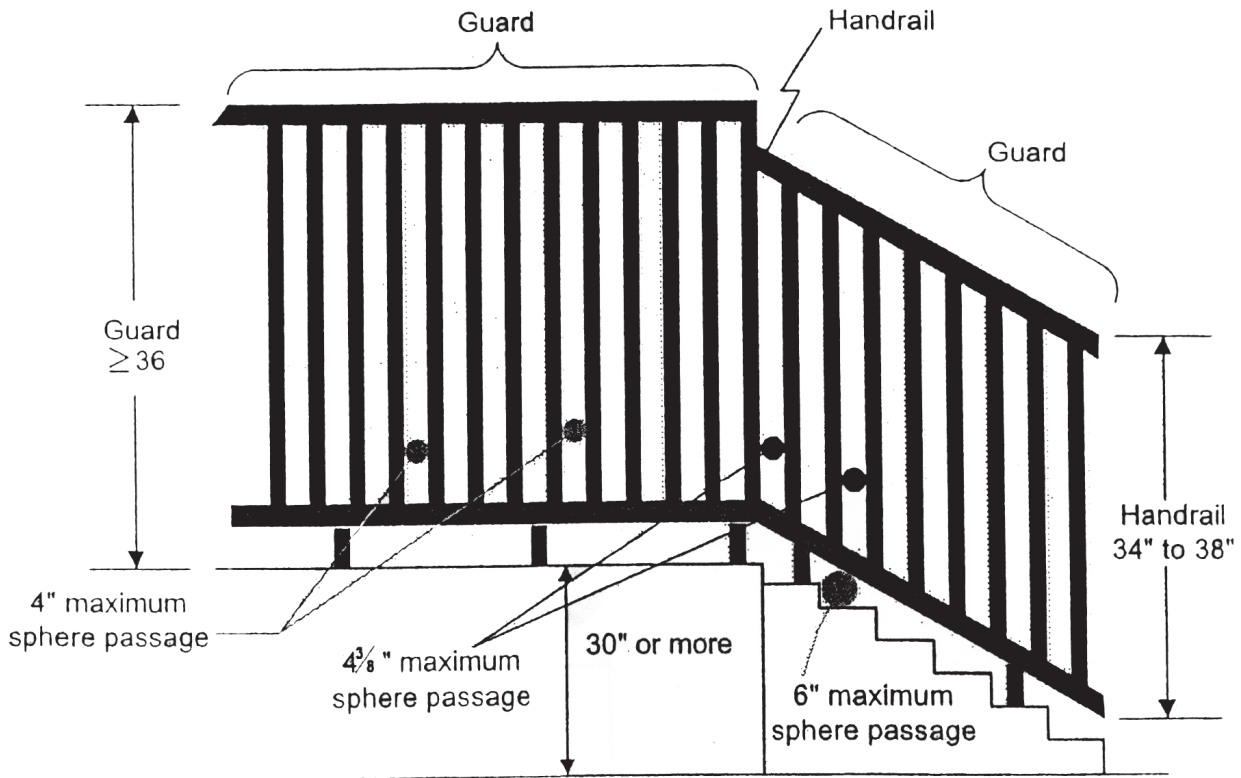


Figure 3.15: Handrails and Guards

## Handrails

R311.5.6

- 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  $>$  than 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.

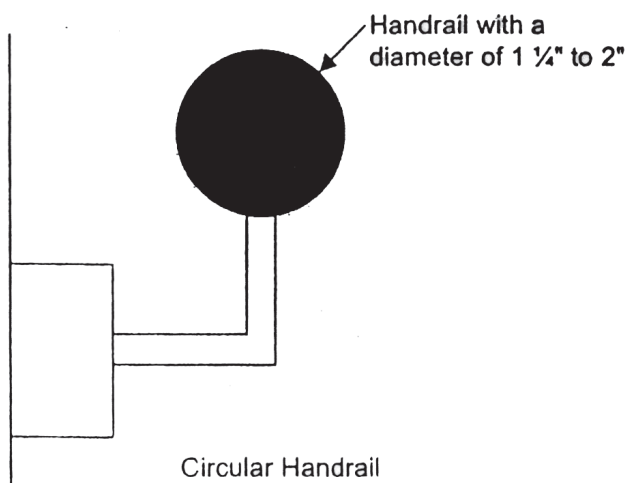
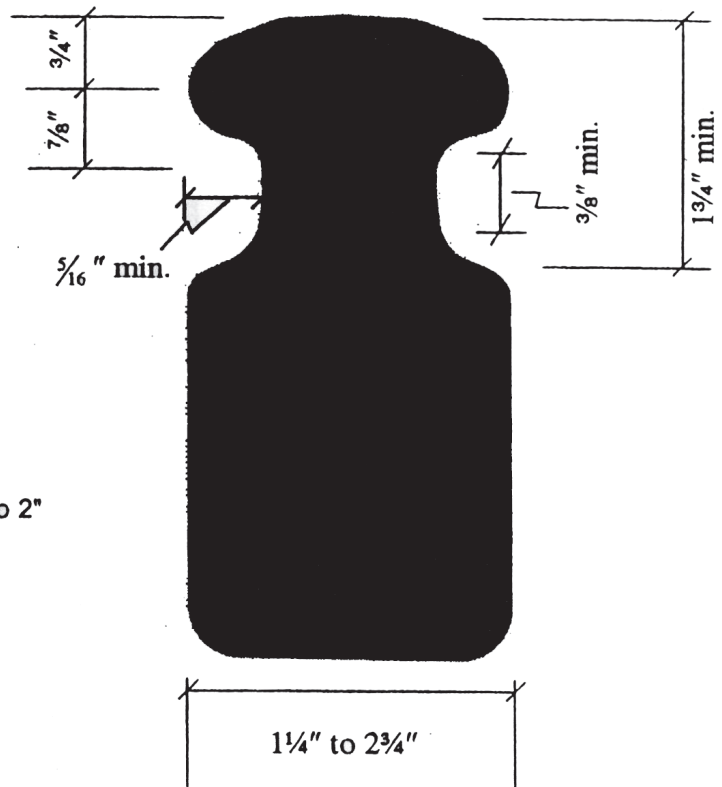
### TYPE 1

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

### TYPE 2



Circular Handrail

Figure 3.16: Handrail Grip Size