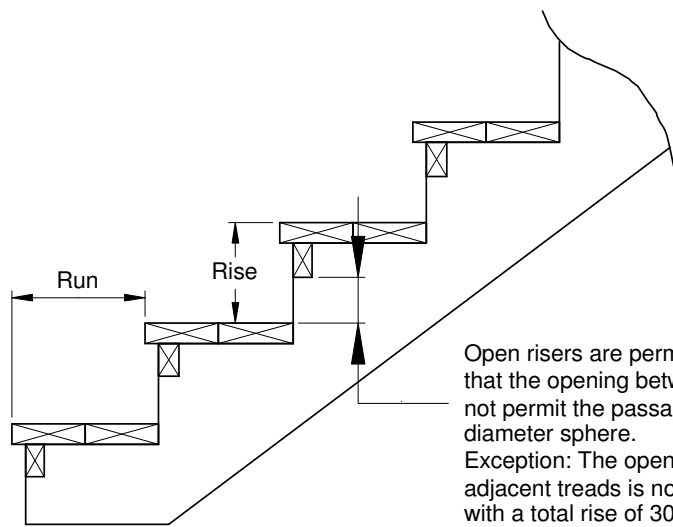
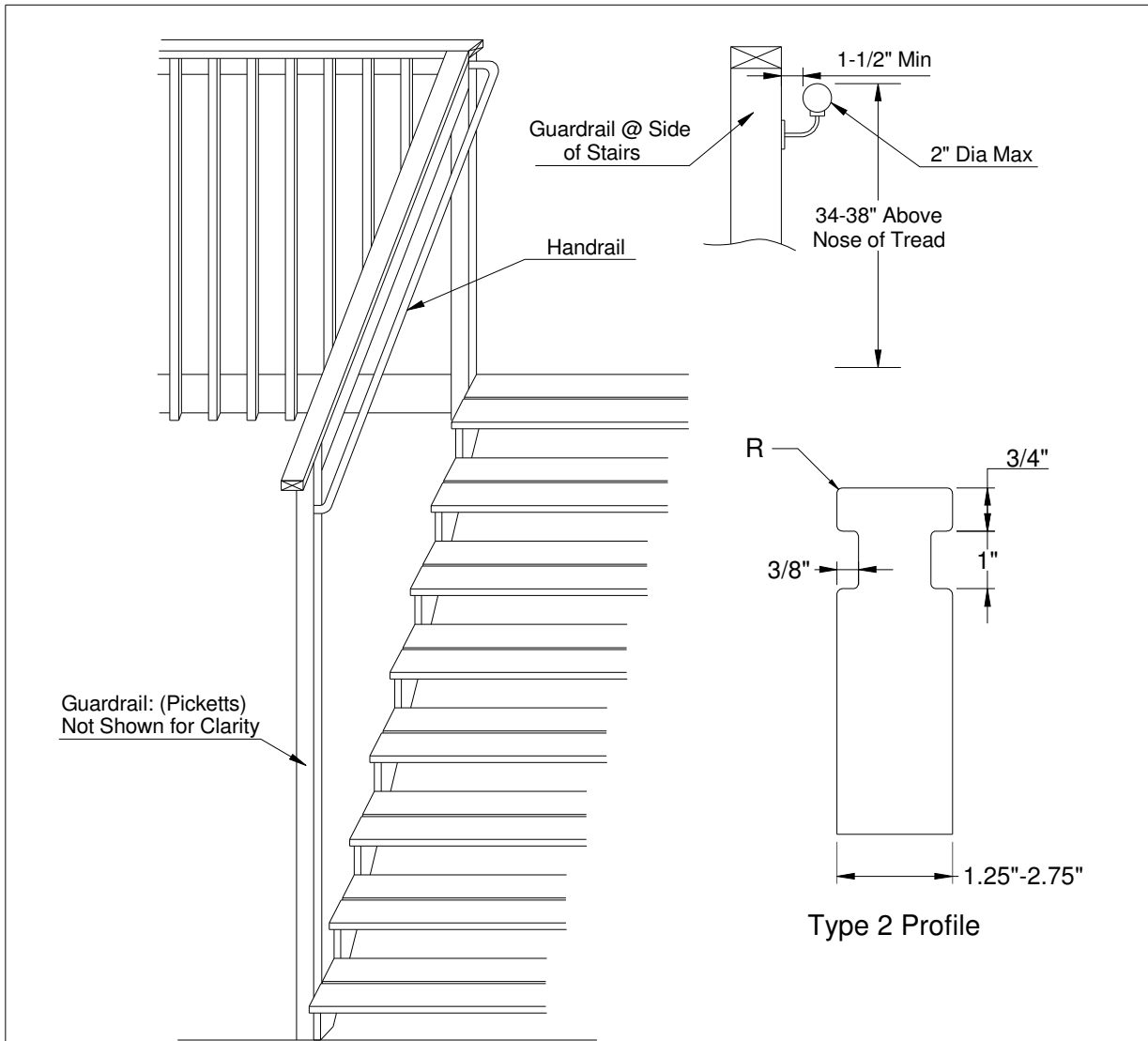


Typical Stairs

1. Minimum Stair Width = 36".
2. Maximum rise = 8¼".
3. Minimum run = 9".
4. All rises and runs in every stairs shall be equal, $\pm 3/16"$.
5. Guradrails are required on the open side of stairs where the total rise is more than 30" above the floor or grade below.
6. Guradrails are required on porches, balconies, or raised floor surfaces located more than 30" above the floor or grade below.
7. All stairs must be illuminated.
8. Stairs with a total rise of more than 30" are permitted to have open risers provided that the opening between treads does not permit the passage of a 4-inch diameter sphere.
9. See the following drawing for required handrails.



Stair Details



HANDRAIL DETAILS

1. Handrails shall be provided on at least one side of stairways of four or more risers.
2. Handrail Grip Size. All required handrails shall be of one of the following types or provide equivalent graspability.
 - Type 1. Handrails with a circular cross section shall have an outside diameter of at least 1.5" and not greater than 2". If the handrail is not circular, it shall have a perimeter dimension of at least 4" and not greater than 6.25" with a maximum cross section dimension of 2.25".
 - Type 2. Handrails with a perimeter greater than 6.25" shall provide a graspable finger recess area on both sides of the profile. The finger recess shall begin within a distance of 0.75" measured vertically from the tallest portion of the profile and achieve a depth of at least 5/16" within 7/8" below the widest portion of the profile. This required depth shall continue for at least 3/8" to a level that is not less than 1.75" below the tallest portion of the profile. The minimum width of the handrail above the recess shall be 1.25" to a maximum of 2.75". Edges shall have a minimum radius of 0.01".