

# FLORIDA BUILDING CODE RESIDENTIAL STAIR CONSTRUCTION

## Landings at Stairs:

Landing must be a minimum of 36" X 36" in width and depth. See section R311.7.6.

## Standard Stair Width:

Stairways shall not be less than 36 inches (914 mm) in clear width at all points above the permitted handrail height and below the required headroom height. See section R311.7.1 for additional requirements.

## Headroom:

The minimum headroom in all parts of the stairway shall not be less than 6 feet 8 inches (2036 mm) measured vertically from the sloped plane adjoining the tread nosing or from the floor surface of the landing or platform. See section R311.7.2 for specific exceptions.

## Riser Height:

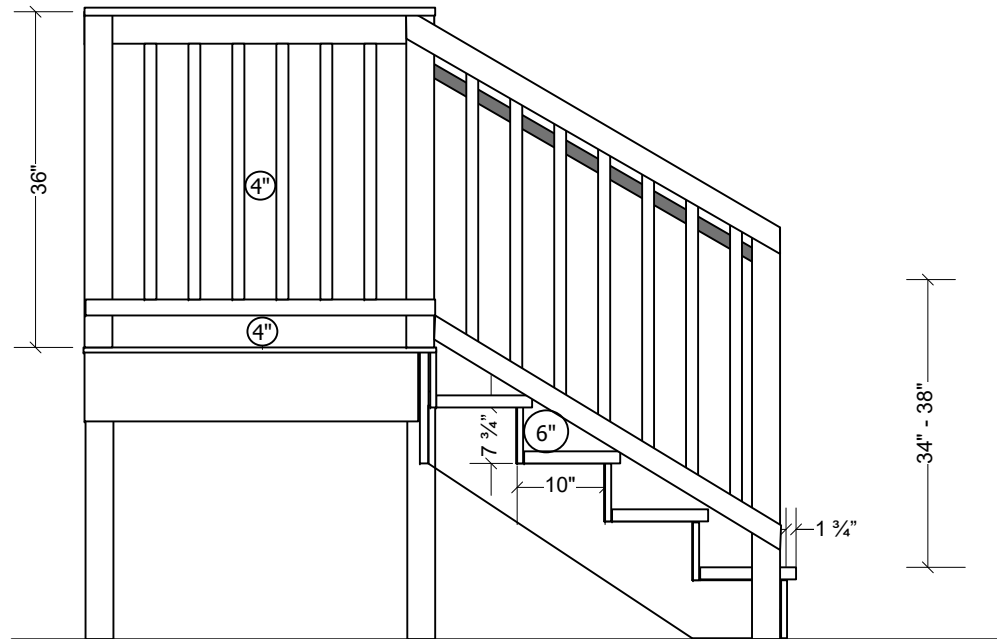
The maximum riser height shall be 7 ¾ inches (196 mm). See section R311.7.5.1 for additional requirements.

## Tread Depth:

The minimum tread depth exclusive of nosing shall be not less than 10 inches (254 mm). The greatest tread depth within any flight of stairs shall not exceed the smallest by more than 3 / 8 inch (9.5 mm). See section R311.7.5.2.1 for additional requirements and winder stair construction.

## Profile:

The radius of curvature at the leading edge of the tread shall be no greater than 9 / 16 inch (14.3 mm). Solid risers require a minimum of ¾", maximum 1 ¾" nosing over the level immediately below that tread. See section R311.7.5.3 for additional requirements and exceptions.



## Handrail Height:

Handrail height, measured vertically from the sloped plane adjoining the tread nosing, or finish surface of ramp slope, shall be not less than 34 inches (864 mm) and not more than 38 inches (965 mm). See section R311.7.8.1.

## Continuity:

Handrails for stairways shall be continuous for the full length of the flight, and spaced a minimum of 1 ½ inches between the handrail and the wall. See section R311.7.8.2 for additional requirements and exceptions.

## Handrail Grip Size:

All required handrails shall have an outside diameter of at least 1 ¼ inches (32 mm) and not greater than 2 inches (51 mm) or a perimeter dimension of at least 4 inches (102 mm) and not greater than 6 ¼ inches (160 mm). See section R311.7.8.3 for additional requirements and exceptions.

## Guards Required:

Porches, balconies or raised floor surfaces 30 inches or more shall have guards not less than 36 inches (914 mm) in height. See section R312.1.

## Guard Opening Limitations:

Required guards on open sides of stairways, raised floor areas, balconies and porches shall have intermediate rails or ornamental closures which do not allow passage of a sphere 4 inches (102mm) or more in diameter. See section R312.1.3 for additional requirements and exceptions.