



SAFETY GLAZING TUBS AND POOLS

2015 WASHINGTON STATE BUILDING CODES

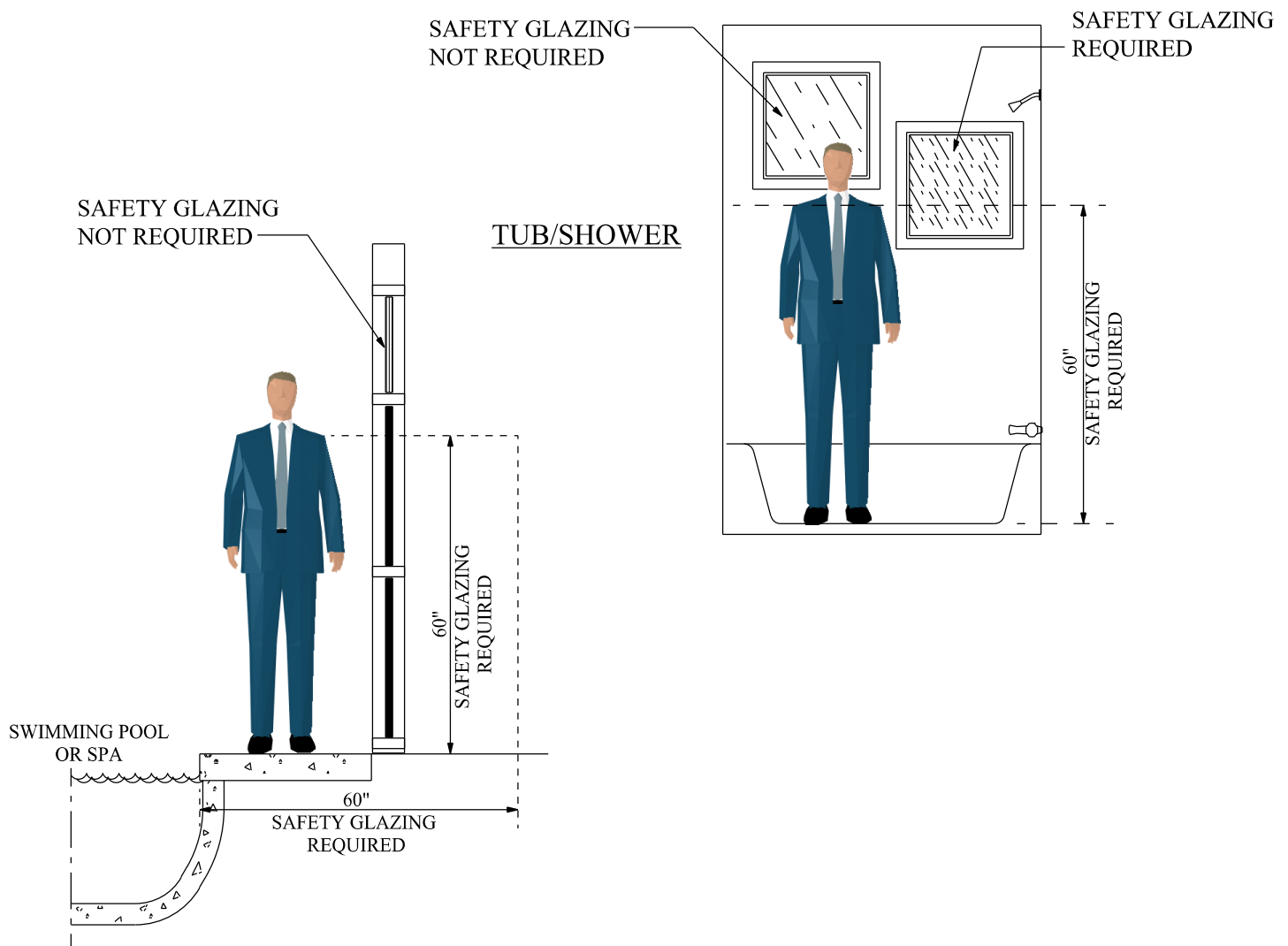
City of Tukwila
Building Division/Permit Center
6300 Southcenter Blvd. #100
Tukwila, WA 98188
(206) 431-3670

GLAZING IN DOORS, ENCLOSURES FOR HOT TUBS, WHIRLPOOLS, SAUNAS, STEAM ROOMS, BATHTUBS AND SHOWERS

R308.4.5 Glazing and wet surfaces.

Glazing in walls, enclosures or fences containing or facing hot tubs, spas, whirlpools, saunas, steam rooms, bathtubs, showers and indoor or outdoor swimming pools where the bottom exposed edge of the glazing is less than 60 inches measured vertically above any standing or walking surface shall be considered a hazardous location. This shall apply to single glazing and all panes in multiple glazing.

Exception: Glazing that is more than 60 inches, measured horizontally and in a straight line, from the water's edge of a bathtub, hot tub, spa, whirlpool, or swimming pool.





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SAFETY GLAZING WALKWAYS

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R308.4.3

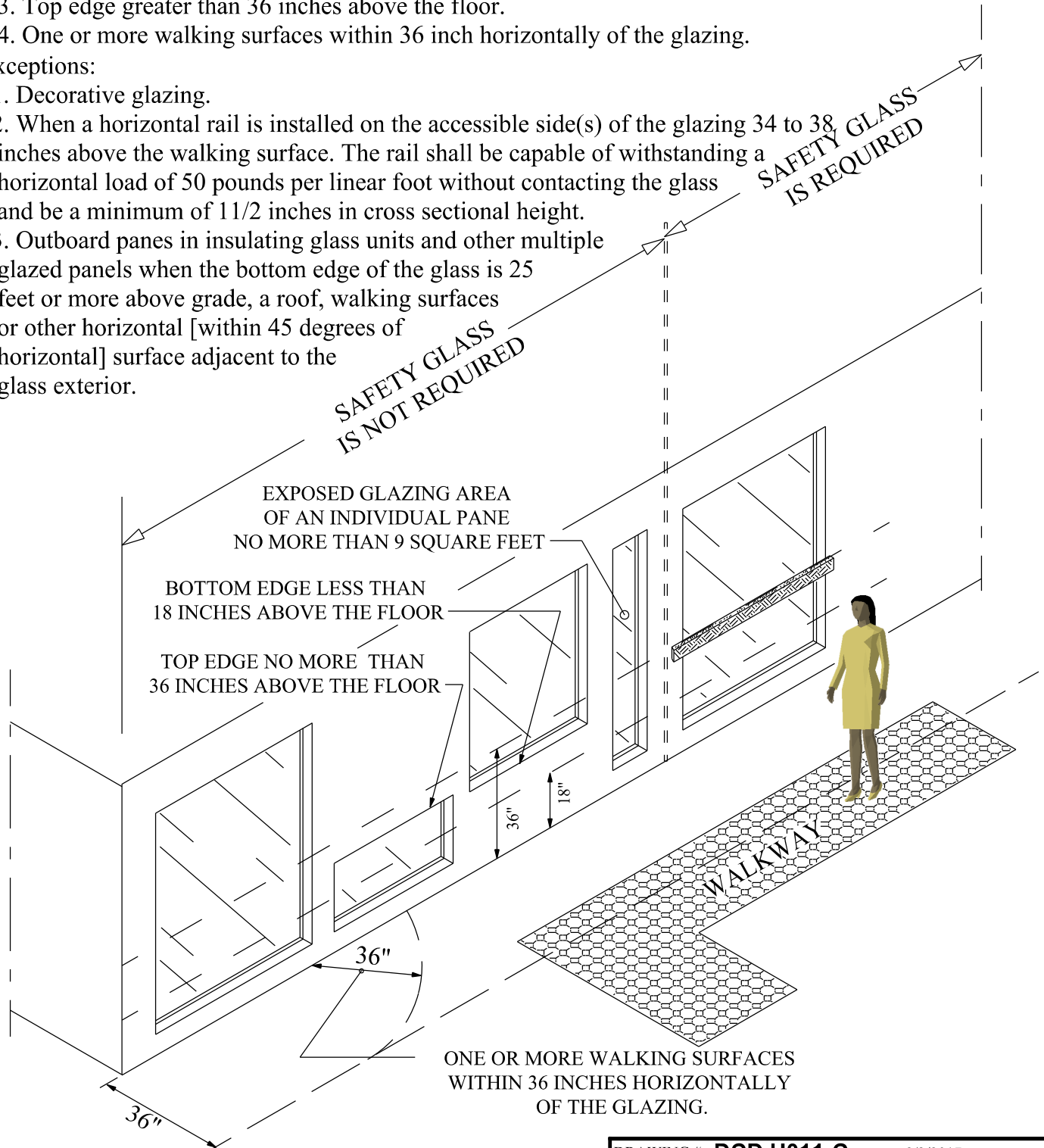
SAFETY GLAZING REQUIREMENTS (IRC R308.4)

Safety glazing required in an individual fixed or operable panel shall meet the following:

1. Exposed area of an individual pane greater 9 square feet.
2. Bottom edge less than 18 inches above the floor.
3. Top edge greater than 36 inches above the floor.
4. One or more walking surfaces within 36 inch horizontally of the glazing.

Exceptions:

1. Decorative glazing.
2. When a horizontal rail is installed on the accessible side(s) of the glazing 34 to 38 inches above the walking surface. The rail shall be capable of withstanding a horizontal load of 50 pounds per linear foot without contacting the glass and be a minimum of 1 1/2 inches in cross sectional height.
3. Outboard panes in insulating glass units and other multiple glazed panels when the bottom edge of the glass is 25 feet or more above grade, a roof, walking surfaces or other horizontal [within 45 degrees of horizontal] surface adjacent to the glass exterior.





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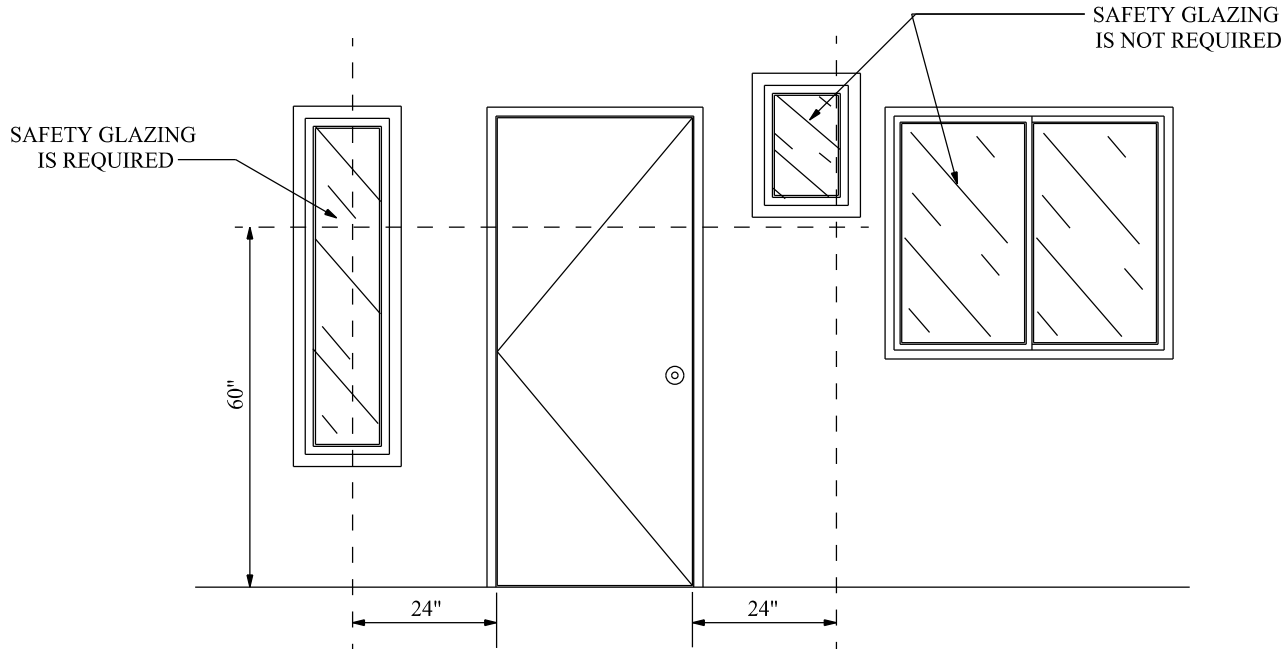
SAFETY GLAZING BY DOORS

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SAFETY GLAZING REQUIREMENTS (IRC R308.4)

R308.4.2 GLAZING ADJACENT DOORS.

GLAZING IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE OF THE GLAZING IS WITHIN A 24-INCH ARC OF EITHER VERTICAL EDGE OF THE DOOR IN A CLOSED POSITION AND WHERE THE BOTTOM EXPOSED EDGE OF THE GLAZING IS LESS THAN 60 INCHES ABOVE THE FLOOR OR WALKING SURFACE SHALL BE CONSIDERED A HAZARDOUS LOCATION.

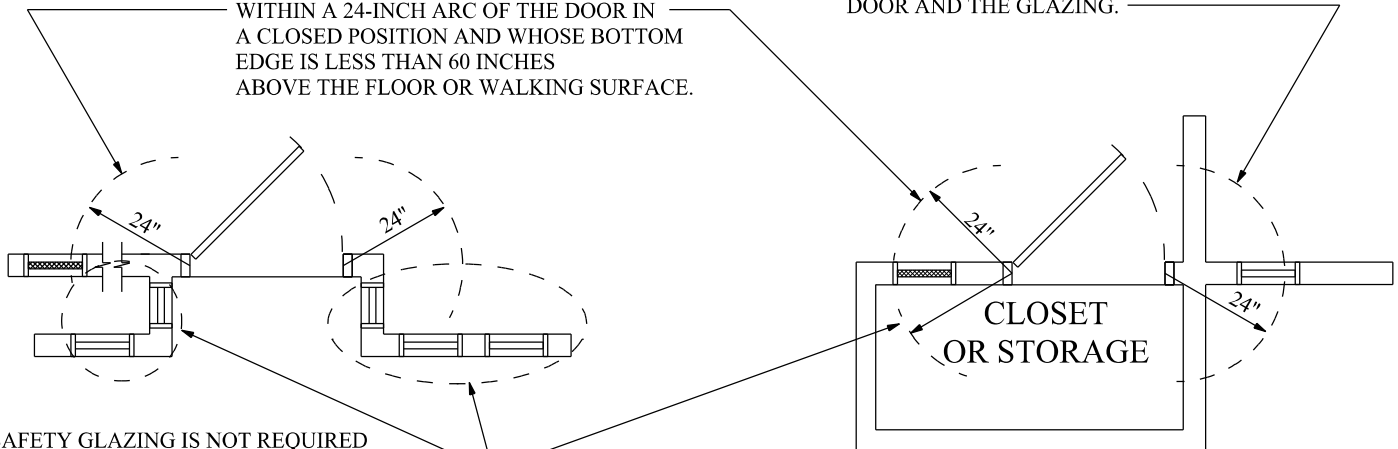


SAFETY GLAZING IS REQUIRED

GLAZING, IN AN INDIVIDUAL FIXED OR OPERABLE PANEL ADJACENT TO A DOOR WHERE THE NEAREST VERTICAL EDGE IS WITHIN A 24-INCH ARC OF THE DOOR IN A CLOSED POSITION AND WHOSE BOTTOM EDGE IS LESS THAN 60 INCHES ABOVE THE FLOOR OR WALKING SURFACE.

SAFETY GLAZING IS NOT REQUIRED

R308.4 EXCEPTION: (2) WHEN THERE IS AN INTERVENING WALL OR OTHER PERMANENT BARRIER BETWEEN THE DOOR AND THE GLAZING.



SAFETY GLAZING IS NOT REQUIRED

R308.4 EXCEPTION:

- (1). DECORATIVE GLAZING.
- (2). (SEE ABOVE RIGHT)
- (3). GLAZING IN WALLS ON THE LATCH SIDE OF AND PERPENDICULAR TO THE PLANE OF THE DOOR IN A CLOSED POSITION.
- (4). WHERE ACCESS THROUGH THE DOOR IS TO A CLOSET OR STORAGE AREA 3 FEET OR LESS IN DEPTH. GLAZING IN THIS APPLICATION SHALL COMPLY WITH SECTION R308.4.3.
- (5). GLAZING THAT IS ADJACENT TO THE FIXED PANEL OF PATIO DOORS.