

# Great Land Window

## Egress Chart - by window type

This chart is for determining if a given opening window will satisfy egress code requirements.

### Egress Code Requirements

- #1) Minimum Clear Opening Width = 20"
- #2) Minimum Clear Opening Height = 24"
- #3) Minimum Clear Opening Area = 5.7 sqft
- #4) Maximum distance from floor to bottom edge of Clear Opening = 44"

The "Clear Opening" is the space available for someone to crawl through.

Each opening window type will use a specific type of framing and hardware. The framing and hardware take up a known amount of space. Since window dimensions are taken from the outside edges of the framing, this means that the "Clear Opening" is reduced by the amount of space taken up by the framing and hardware on each Side, Top, and Bottom.

**Example:** A Tilt/Turn window with dimensions of 32" wide X 36" high will have the following Clear Opening measurements:  
 #1) Clear Opening Width = (25") - (5.5" Horizontal frame and hardware deduction) = 19.5" → NOT OK, Too Small  
 #2) Clear Opening Height = (48") - (5.5" Vertical frame and hardware deduction) = 42.5" → OK  
 #3) Clear Opening Area = ((19.5") X (42.5")) / (144) = 5.8 sqft → OK  
 This window will not satisfy Egress requirements because it does not meet the Minimum Clear Opening Width criteria. The width will have to be increased by at least 1/2" to qualify.

#4) The Maximum distance from the floor to bottom edge of Clear Opening is dictated by the location of the Rough Opening in the Wall.

### Tilt/Turn Window

Clear Opening Deductions	Height (inches)	Width (inches)																							
		26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	
Width - 5.5	30	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0	5.2	5.4	5.5	5.7	5.9	6.0	6.2	6.4	6.6	6.7	6.9	7.1	7.2	
Height - 5.5	31	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9	5.0	5.2	5.4	5.6	5.8	5.9	6.1	6.3	6.5	6.6	6.8	7.0	7.2	7.3	7.5	
	32	3.8	4.0	4.1	4.3	4.5	4.7	4.9	5.1	5.2	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.6	7.8	
	33	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.5	7.7	7.9	8.1	
	34	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	
	35	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	
	36	4.3	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.2	8.4	8.6	8.8	9.0	
	37	4.5	4.7	4.9	5.1	5.4	5.6	5.8	6.0	6.2	6.5	6.7	6.9	7.1	7.3	7.5	7.8	8.0	8.2	8.4	8.6	8.9	9.1	9.3	
	38	4.6	4.9	5.1	5.3	5.5	5.8	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.6	7.8	8.0	8.2	8.5	8.7	8.9	9.1	9.4	9.6	
	39	4.8	5.0	5.2	5.5	5.7	5.9	6.2	6.4	6.6	6.9	7.1	7.3	7.6	7.8	8.0	8.3	8.5	8.7	9.0	9.2	9.4	9.7	9.9	
	40	4.9	5.2	5.4	5.6	5.9	6.1	6.3	6.6	6.8	7.1	7.3	7.5	7.8	8.0	8.3	8.5	8.7	9.0	9.2	9.5	9.7	9.9	10.2	
	41	5.1	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0	7.3	7.5	7.8	8.0	8.3	8.5	8.8	9.0	9.2	9.5	9.7	10.0	10.2	10.5	
	42	5.2	5.4	5.7	6.0	6.2	6.5	6.7	7.0	7.2	7.5	7.7	8.0	8.2	8.5	8.7	9.0	9.3	9.5	9.8	10.0	10.3	10.5	10.8	
	43	5.3	5.6	5.9	6.1	6.4	6.6	6.9	7.2	7.4	7.7	7.9	8.2	8.5	8.7	9.0	9.2	9.5	9.8	10.0	10.3	10.5	10.8	11.1	
	44	5.5	5.7	6.0	6.3	6.6	6.8	7.1	7.4	7.6	7.9	8.2	8.4	8.7	9.0	9.2	9.5	9.8	10.0	10.3	10.6	10.8	11.1	11.4	
	45	5.6	5.9	6.2	6.4	6.7	7.0	7.3	7.5	7.8	8.1	8.4	8.6	8.9	9.2	9.5	9.7	10.0	10.3	10.6	10.8	11.1	11.4	11.7	
	46	5.8	6.0	6.3	6.6	6.9	7.2	7.5	7.7	8.0	8.3	8.6	8.9	9.1	9.4	9.7	10.0	10.3	10.5	10.8	11.1	11.4	11.7	12.0	
	47	5.9	6.2	6.5	6.8	7.1	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	9.9	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.2	
	48	6.1	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	9.0	9.3	9.6	9.9	10.2	10.5	10.8	11.1	11.4	11.7	12.0	12.2	12.5	
	49	6.2	6.5	6.8	7.1	7.4	7.7	8.0	8.3	8.6	8.9	9.2	9.5	9.8	10.1	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.5	12.8	
	50	6.3	6.6	7.0	7.3	7.6	7.9	8.2	8.5	8.8	9.1	9.4	9.7	10.0	10.4	10.7	11.0	11.3	11.6	11.9	12.2	12.5	12.8	13.1	

### Casement - With Standard Hinge

Clear Opening Deductions	Height (inches)	Width (inches)					
		31	32	33	34	35	36
Width - 10.25 Height - 4.5	29	3.5	3.7	3.9	4.0	4.2	4.4
	30	3.7	3.9	4.0	4.2	4.4	4.6
	31	3.8	4.0	4.2	4.4	4.6	4.7
	32	4.0	4.2	4.3	4.5	4.7	4.9
	33	4.1	4.3	4.5	4.7	4.9	5.1
	34	4.3	4.5	4.7	4.9	5.1	5.3
	35	4.4	4.6	4.8	5.0	5.2	5.5
	36	4.5	4.8	5.0	5.2	5.4	5.6
	37	4.7	4.9	5.1	5.4	5.6	5.8
	38	4.8	5.1	5.3	5.5	5.8	6.0
	39	5.0	5.2	5.5	5.7	5.9	6.2
	40	5.1	5.4	5.6	5.9	6.1	6.3
	41	5.3	5.5	5.8	6.0	6.3	6.5
	42	5.4	5.7	5.9	6.2	6.4	6.7
	43	5.5	5.8	6.1	6.3	6.6	6.9
	44	5.7	6.0	6.2	6.5	6.8	7.1
	45	5.8	6.1	6.4	6.7	7.0	7.2
	46	6.0	6.3	6.6	6.8	7.1	7.4
	47	6.1	6.4	6.7	7.0	7.3	7.6
48	6.3	6.6	6.9	7.2	7.5	7.8	

### Casement - With Egress Hinge (for increased clearance)

Clear Opening Deductions	Height (inches)	Width (inches)									
		27	28	29	30	31	32	33	34	35	36
Width - 6.25 Height - 4.5	29	3.3	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.7	4.8
	30	3.5	3.7	3.8	4.0	4.2	4.3	4.5	4.7	4.8	5.0
	31	3.6	3.8	4.0	4.2	4.3	4.5	4.7	4.9	5.0	5.2
	32	3.8	4.0	4.1	4.3	4.5	4.7	4.9	5.1	5.2	5.4
	33	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.4	5.6
	34	4.1	4.3	4.5	4.7	4.8	5.0	5.2	5.4	5.6	5.8
	35	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0
	36	4.3	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2
	37	4.5	4.7	4.9	5.1	5.4	5.6	5.8	6.0	6.2	6.5
	38	4.6	4.9	5.1	5.3	5.5	5.8	6.0	6.2	6.4	6.7
	39	4.8	5.0	5.2	5.5	5.7	5.9	6.2	6.4	6.6	6.9
	40	4.9	5.2	5.4	5.6	5.9	6.1	6.3	6.6	6.8	7.1
	41	5.1	5.3	5.5	5.8	6.0	6.3	6.5	6.8	7.0	7.3
	42	5.2	5.4	5.7	6.0	6.2	6.5	6.7	7.0	7.2	7.5
	43	5.3	5.6	5.9	6.1	6.4	6.6	6.9	7.2	7.4	7.7
	44	5.5	5.7	6.0	6.3	6.6	6.8	7.1	7.4	7.6	7.9
	45	5.6	5.9	6.2	6.4	6.7	7.0	7.3	7.5	7.8	8.1
	46	5.8	6.0	6.3	6.6	6.9	7.2	7.5	7.7	8.0	8.3
	47	5.9	6.2	6.5	6.8	7.1	7.3	7.6	7.9	8.2	8.5
48	6.1	6.3	6.6	6.9	7.2	7.5	7.8	8.1	8.4	8.7	

The Chart displays the resulting egress area (in sqft) for a given Width x Height. Combinations over 5.7 sqft satisfy egress.

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