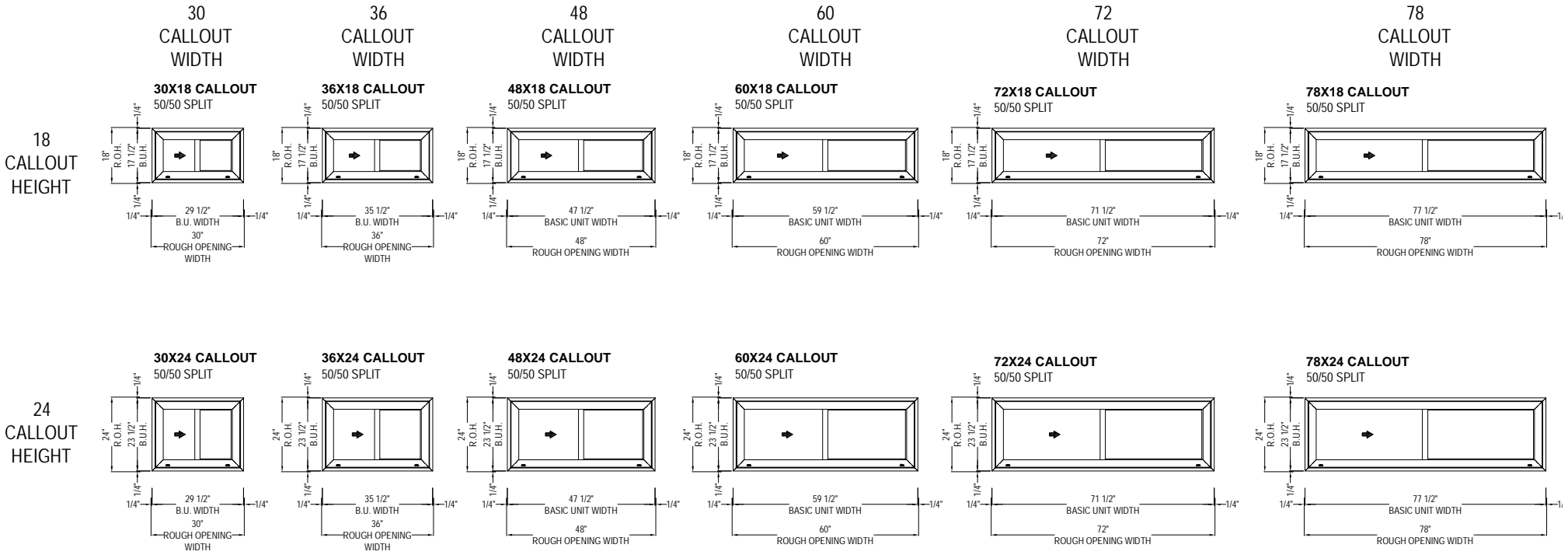


# SUPERSEAL®

Windows & Doors

## Designers' Single Slider Window Elevations

<b>Elevations</b> Page 1 of 4	<b>Scale:</b> 1/4" = 1'-0"
<b>Date:</b> 10/2012	<b>Drawn By:</b> JJB



### Daylight Opening Sizing Formulas, Each Sash

- Glass Width - 1.00"
- Glass Height - 1.00"

### Clear Opening Sizing Formulas, Each Sash

- Clear Opening Width = (Basic Unit Width / 2) - 4.100"
- Clear Opening Height = Basic Unit Height - 5.250"

### Sizing Width Formulas, 2-Wide Units

- Basic Unit Width = Glass Width x 2 + 5.125"
- Glass Width = Basic Unit Width / 2 - 2.5625"
- Sash Width = Basic Unit Width / 2 - 0.9065" or Glass Width + 1.656"

Screen = Sash Glass

### Sizing Height Formulas

- Sash Glass Height = Basic Unit Height - 4.875"
- Sash Height = Basic Unit Height - 3.250"
- Fixed Glass Height = Basic Unit Height - 4.250"

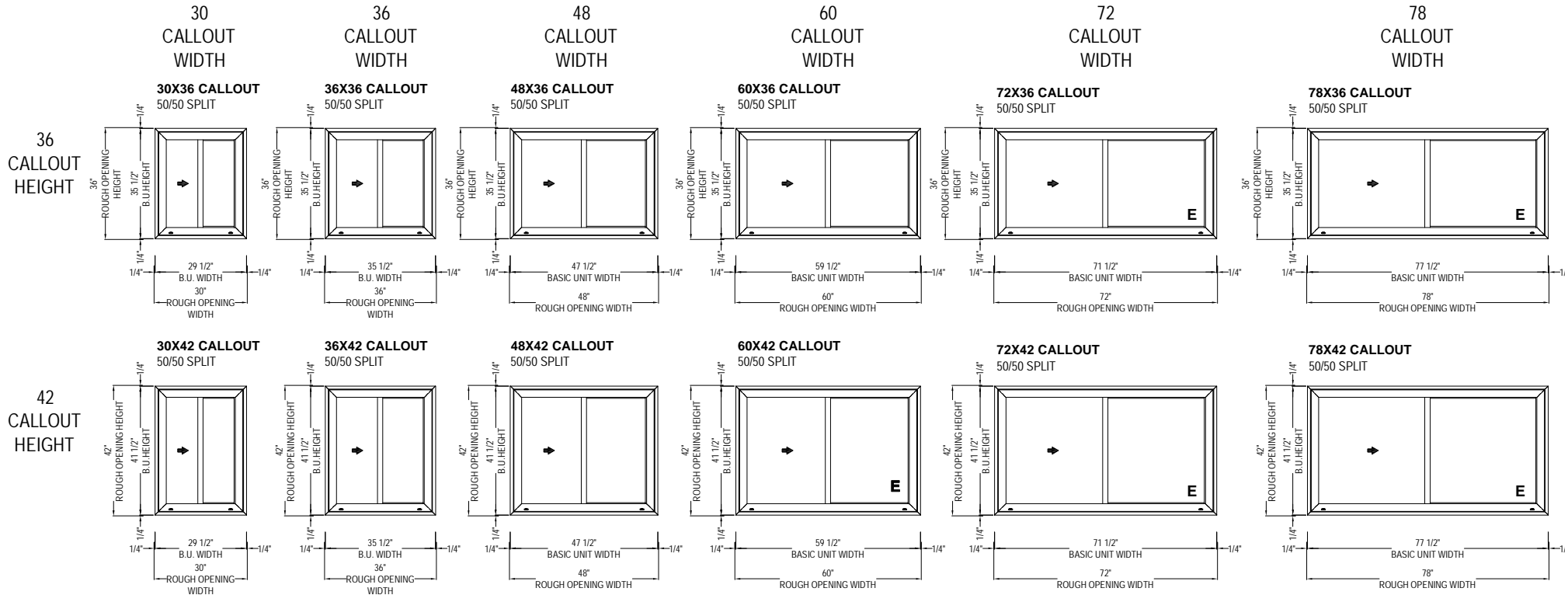
Screen Height = Basic Unit Height - 4.062" or Sash Glass Height + 0.812"

# SUPERSEAL®

## Windows & Doors

# Designers' Single Slider Window Elevations

<b>Elevations</b> Page 2 of 4	<b>Scale:</b> 1/4" = 1'-0"
<b>Date:</b> 10/2012	<b>Drawn By:</b> JJB



### Daylight Opening Sizing Formulas, Each Sash

- Glass Width - 1.00"
- Glass Height - 1.00"

### Clear Opening Sizing Formulas, Each Sash

- Clear Opening Width = (Basic Unit Width / 2) - 4.100"
- Clear Opening Height = Basic Unit Height - 5.250"

### Egress:

E Will Meet Egress

### Sizing Width Formulas, 2-Wide Units

Basic Unit Width = Glass Width x 2 + 5.125"  
 Glass Width = Basic Unit Width / 2 - 2.5625"  
 Sash Width = Basic Unit Width / 2 - 0.9065" or  
 Glass Width + 1.656"

Screen = Sash Glass

### Sizing Height Formulas

Sash Glass Height = Basic Unit Height - 4.875"  
 Sash Height = Basic Unit Height - 3.250"  
 Fixed Glass Height = Basic Unit Height - 4.250"

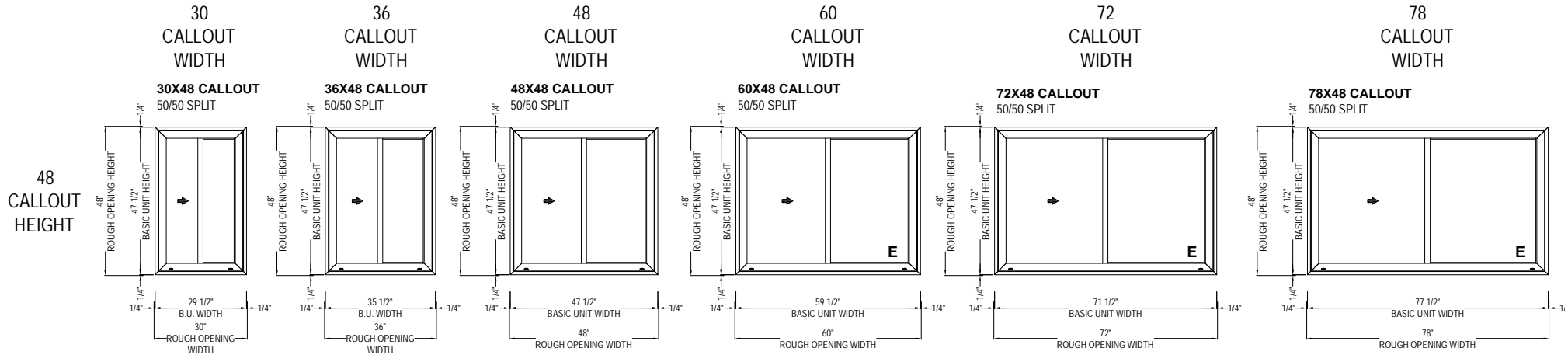
Screen Height = Basic Unit Height - 4.062" or Sash Glass Height + 0.812"

# SUPERSEAL®

## Windows & Doors

## Designers' Single Slider Window Elevations

<b>Elevations</b> Page 3 of 4	<b>Scale:</b> 1/4" = 1'-0"
<b>Date:</b> 10/2012	<b>Drawn By:</b> JJB



### Daylight Opening Sizing Formulas, Each Sash

- Glass Width - 1.00"
- Glass Height - 1.00"

### Clear Opening Sizing Formulas, Each Sash

- Clear Opening Width = (Basic Unit Width / 2) - 4.100"
- Clear Opening Height = Basic Unit Height - 5.250"

### Egress:

E Will Meet Egress

### Sizing Width Formulas, 2-Wide Units

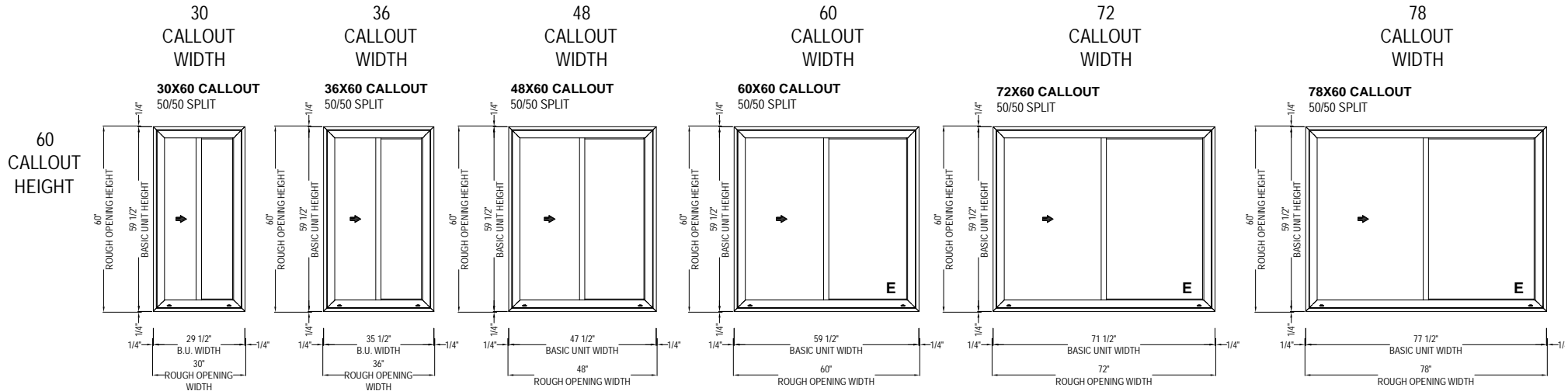
Basic Unit Width = Glass Width x 2 + 5.125"  
 Glass Width = Basic Unit Width / 2 - 2.5625"  
 Sash Width = Basic Unit Width / 2 - 0.9065" or  
 Glass Width + 1.656"

Screen = Sash Glass

### Sizing Height Formulas

Sash Glass Height = Basic Unit Height - 4.875"  
 Sash Height = Basic Unit Height - 3.250"  
 Fixed Glass Height = Basic Unit Height - 4.250"

Screen Height = Basic Unit Height - 4.062" or Sash Glass Height + 0.812"



### Daylight Opening Sizing Formulas, Each Sash

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- Glass Height - 1.00"

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Basic Unit Width = Glass Width x 2 + 5.125"  
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 Sash Width = Basic Unit Width / 2 - 0.9065" or  
 Glass Width + 1.656"

Screen = Sash Glass

### Sizing Height Formulas

Sash Glass Height = Basic Unit Height - 4.875"  
 Sash Height = Basic Unit Height - 3.250"  
 Fixed Glass Height = Basic Unit Height - 4.250"

Screen Height = Basic Unit Height - 4.062" or Sash Glass Height + 0.812"



# Designers' Single Slider Windows

# Light, Vent & Egress Data

## Egress Data Windows & Doors

The following opening specifications have been provided to assist you in determining compliance to Egress codes based on BOCA and UBC code requirements as follows.

- The units must be operable from the inside without the use of separate tools.
- All egress from sleeping rooms must have a minimum net clear opening of 5.7 square feet.
- The minimum net clear opening height dimension shall be 24".  
The minimum net clear opening width dimension shall be 20".
- The Floor To Sill Height Column is calculated by measuring from the clear opening sill (when unit is open) to the floor. This height cannot be more than 44" above the floor.

- Calculations based on 82 1/2" header height.

- E meets Egress  
(Based on 1-1/4" Sash Stop)

### Daylight Opening Sizing Formulas, Each Sash

- Glass Width - 1.00"
- Glass Height - 1.00"

### Clear Opening Sizing Formulas, Each Sash

- Clear Opening Width = (Basic Unit Width / 2) - 4.100"
- Clear Opening Height = Basic Unit Height - 5.250"

### Sizing Width Formulas, 2-Wide Units

Basic Unit Width = Glass Width x 2 + 5.125"

Glass Width = Basic Unit Width / 2 - 2.5625"

Sash Width = Basic Unit Width / 2 - 0.9065" or  
Glass Width + 1.656"

Screen = Sash Glass

### Sizing Height Formulas

Sash Glass Height = Basic Unit Height - 4.875"

Sash Height = Basic Unit Height - 3.250"

Fixed Glass Height = Basic Unit Height - 4.250"

Screen Height = Basic Unit Height - 4.062" or  
Sash Glass Height + 0.812"

## EGRESS

## LIGHT

## VENT

CALLOUT & ROUGH OPENING	BASIC UNIT SIZE (WIDTH & HEIGHT)	SASH SIZE Each Sash (WIDTH & HEIGHT)	GLASS SIZE Each Sash (WIDTH)	GLASS SIZE Each Sash (HEIGHT)	TOTAL SQ. FT. EGRESS CLEAR OPENING	CLEAR OPENING WIDTH	CLEAR OPENING HEIGHT	FLOOR TO SILL HEIGHT (Can not exceed 44")	DAYLIGHT OPENING SQ. FT. Per Sash	VENTILATION SQ. FT.
30 x 18	29.50" x 17.50"	13.8435" x 14.25"	12.1875"	Left Operating 12.625", Right Fixed 13.25"	.90599	10.65"	12.25"	65"	Left .90316; Right .95171	.90599
30 x 24	29.50" x 23.50"	13.8435" x 20.25"	12.1875"	Left Operating 18.625", Right Fixed 19.25"	1.34974	10.65"	18.25"	59"	Left 1.3693; Right 1.4179	1.34974
30 x 36	29.50" x 35.50"	13.8435" x 32.25"	12.1875"	Left Operating 30.625", Right Fixed 31.25"	2.23724	10.65"	30.25"	47"	Left 2.3016; Right 2.3502	2.23724
30 x 42	29.50" x 41.50"	13.8435" x 38.25"	12.1875"	Left Operating 36.625", Right Fixed 37.25"	2.681	10.65"	36.25"	41"	Left 2.7677; Right 2.8163	2.681

CALLOUT & ROUGH OPENING	BASIC UNIT SIZE (WIDTH & HEIGHT)	SASH SIZE Each Sash (WIDTH & HEIGHT)	GLASS SIZE Each Sash (WIDTH)	GLASS SIZE Each Sash (HEIGHT)	TOTAL SQ. FT. EGRESS CLEAR OPENING	CLEAR OPENING WIDTH	CLEAR OPENING HEIGHT	FLOOR TO SILL HEIGHT (Can not exceed 44")	DAYLIGHT OPENING SQ. FT. Per Sash	VENTILATION SQ. FT.
36 x 18	35.50" x 17.50"	16.8435" x 14.25"	15.1875"	Left Operating 12.625", Right Fixed 13.25"	1.1612	13.65"	12.25"	65"	Left 1.1453; Right 1.2069	1.1612
36 x 24	35.50" x 23.50"	16.8435" x 20.25"	15.1875"	Left Operating 18.625", Right Fixed 19.25"	1.723	13.65"	18.25"	59"	Left 1.73654; Right 1.7981	1.723
36 x 36	35.50" x 35.50"	16.8435" x 32.25"	15.1875"	Left Operating 30.625", Right Fixed 31.25"	2.8674	13.65"	30.25"	47"	Left 2.9188; Right 2.9804	2.8674
36 x 42	35.50" x 41.50"	16.8435" x 38.25"	15.1875"	Left Operating 36.625", Right Fixed 37.25"	3.4362	13.65"	36.25"	41"	Left 3.5099; Right 3.5715	3.4362

CALLOUT & ROUGH OPENING	BASIC UNIT SIZE (WIDTH & HEIGHT)	SASH SIZE Each Sash (WIDTH & HEIGHT)	GLASS SIZE Each Sash (WIDTH)	GLASS SIZE Each Sash (HEIGHT)	TOTAL SQ. FT. EGRESS CLEAR OPENING	CLEAR OPENING WIDTH	CLEAR OPENING HEIGHT	FLOOR TO SILL HEIGHT (Can not exceed 44")	DAYLIGHT OPENING SQ. FT. Per Sash	VENTILATION SQ. FT.
48 x 18	47.50" x 17.50"	22.8435" x 14.25"	21.1875"	Left Operating 12.625", Right Fixed 13.25"	1.6716	19.65"	12.25"	65"	Left 1.6297; Right 1.7173	1.6716
48 x 24	47.50" x 23.50"	22.8435" x 20.25"	21.1875"	Left Operating 18.625", Right Fixed 19.25"	2.4904	19.65"	18.25"	59"	Left 2.4709; Right 2.5585	2.4904
48 x 36	47.50" x 35.50"	22.8435" x 32.25"	21.1875"	Left Operating 30.625", Right Fixed 31.25"	4.1279	19.65"	30.25"	47"	Left 4.1531; Right 4.2408	4.1279
48 x 42	47.50" x 41.50"	22.8435" x 38.25"	21.1875"	Left Operating 36.625", Right Fixed 37.25"	4.9466	19.65"	36.25"	41"	Left 4.9943; Right 5.0819	4.9466
48 x 48	47.50" x 47.50"	22.8435" x 44.25"	21.1875"	Left Operating 42.625", Right Fixed 43.25"	5.7654	19.65"	42.25"	35"	Left 5.8354; Right 5.9231	5.7654
48 x 60	47.50" x 59.50"	22.8435" x 56.25"	21.1875"	Left Operating 54.625", Right Fixed 55.25"	7.4029	19.65"	54.25"	23"	Left 7.5177; Right 7.6054	7.4029



# Designers' Single Slider Windows

# Light, Vent & Egress Data

## Egress Data Windows & Doors

The following opening specifications have been provided to assist you in determining compliance to Egress codes based on BOCA and UBC code requirements as follows.

- The units must be operable from the inside without the use of separate tools.
- All egress from sleeping rooms must have a minimum net clear opening of 5.7 square feet.
- The minimum net clear opening height dimension shall be 24".  
The minimum net clear opening width dimension shall be 20".
- The Floor To Sill Height Column is calculated by measuring from the clear opening sill (when unit is open) to the floor. This height cannot be more than 44" above the floor.

- Calculations based on 82 1/2" header height.

- E meets Egress  
(Based on 1-1/4" Sash Stop)

### Daylight Opening Sizing Formulas, Each Sash

- Glass Width - 1.00"
- Glass Height - 1.00"

### Clear Opening Sizing Formulas, Each Sash

- Clear Opening Width = (Basic Unit Width / 2) - 4.100"
- Clear Opening Height = Basic Unit Height - 5.250"

### Sizing Width Formulas, 2-Wide Units

Basic Unit Width = Glass Width x 2 + 5.125"

Glass Width = Basic Unit Width / 2 - 2.5625"

Sash Width = Basic Unit Width / 2 - 0.9065" or  
Glass Width + 1.656"

Screen = Sash Glass

### Sizing Height Formulas

Sash Glass Height = Basic Unit Height - 4.875"

Sash Height = Basic Unit Height - 3.250"

Fixed Glass Height = Basic Unit Height - 4.250"

Screen Height = Basic Unit Height - 4.062" or  
Sash Glass Height + 0.812"

## EGRESS

## LIGHT

## VENT

CALLOUT & ROUGH OPENING	BASIC UNIT SIZE (WIDTH & HEIGHT)	SASH SIZE Each Sash (WIDTH & HEIGHT)	GLASS SIZE Each Sash (WIDTH)	GLASS SIZE Each Sash (HEIGHT)	TOTAL SQ. FT. EGRESS CLEAR OPENING	CLEAR OPENING WIDTH	CLEAR OPENING HEIGHT	FLOOR TO SILL HEIGHT (Can not exceed 44")	DAYLIGHT OPENING SQ. FT. Per Sash	VENTILATION SQ. FT.
60 x 18	59.50" x 17.50"	28.8435" x 14.25"	27.1875"	Left Operating 12.625", Right Fixed 13.25"	2.1820	25.65"	12.25"	65"	Left 2.1141; Right 2.228	2.1820
60 x 24	59.50" x 23.50"	28.8435" x 20.25"	27.1875"	Left Operating 18.625", Right Fixed 19.25"	3.2508	25.65"	18.25"	59"	Left 3.20523; Right 3.3189	3.2508
60x 36	59.50" x 35.50"	28.8435" x 32.25"	27.1875"	Left Operating 30.625", Right Fixed 31.25"	5.3883	25.65"	30.25"	47"	Left 5.3875; Right 5.50119	5.3883
60 x 42 <sup>E</sup>	59.50" x 41.50"	28.8435" x 38.25"	27.1875"	Left Operating 36.625", Right Fixed 37.25"	6.4570	25.65"	36.25"	41"	Left 6.4787; Right 6.5923	6.4570
60 x 48 <sup>E</sup>	47.50" x 47.50"	28.8435" x 44.25"	27.1875"	Left Operating 42.625", Right Fixed 43.25"	5.7654	25.65"	42.25"	35"	Left 7.5698; Right 7.6835	5.7654
60 x 60 <sup>E</sup>	47.50" x 59.50"	28.8435" x 56.25"	27.1875"	Left Operating 54.625", Right Fixed 55.25"	9.6633	25.65"	54.25"	23"	Left 9.7521; Right 9.8658	9.6633

CALLOUT & ROUGH OPENING	BASIC UNIT SIZE (WIDTH & HEIGHT)	SASH SIZE Each Sash (WIDTH & HEIGHT)	GLASS SIZE Each Sash (WIDTH)	GLASS SIZE Each Sash (HEIGHT)	TOTAL SQ. FT. EGRESS CLEAR OPENING	CLEAR OPENING WIDTH	CLEAR OPENING HEIGHT	FLOOR TO SILL HEIGHT (Can not exceed 44")	DAYLIGHT OPENING SQ. FT. Per Sash	VENTILATION SQ. FT.
72 x 18	71.50" x 17.50"	34.8435" x 14.25"	33.1875"	Left Operating 12.625", Right Fixed 13.25"	2.6924	31.65"	12.25"	65"	Left 2.5985; Right 2.73817	2.6924
72 x 24	71.50" x 23.50"	34.8435" x 20.25"	33.1875"	Left Operating 18.625", Right Fixed 19.25"	4.0112	31.65"	18.25"	59"	Left 3.93963; Right 4.0793	4.0112
72x 36 <sup>E</sup>	71.50" x 35.50"	34.8435" x 32.25"	33.1875"	Left Operating 30.625", Right Fixed 31.25"	6.6487	31.65"	30.25"	47"	Left 6.6219; Right 6.7616	6.6487
72 x 42 <sup>E</sup>	71.50" x 41.50"	34.8435" x 38.25"	33.1875"	Left Operating 36.625", Right Fixed 37.25"	7.9674	31.65"	36.25"	41"	Left 7.96305; Right 8.1028	7.9674
72 x 48 <sup>E</sup>	71.50" x 47.50"	34.8435" x 44.25"	33.1875"	Left Operating 42.625", Right Fixed 43.25"	9.2862	31.65"	42.25"	35"	Left 9.3042; Right 9.4439	9.2862
72 x 60 <sup>E</sup>	71.50" x 59.50"	34.8435" x 56.25"	33.1875"	Left Operating 54.625", Right Fixed 55.25"	11.9237	31.65"	54.25"	23"	Left 11.9865; Right 12.1262	11.9237

CALLOUT & ROUGH OPENING	BASIC UNIT SIZE (WIDTH & HEIGHT)	SASH SIZE Each Sash (WIDTH & HEIGHT)	GLASS SIZE Each Sash (WIDTH)	GLASS SIZE Each Sash (HEIGHT)	TOTAL SQ. FT. EGRESS CLEAR OPENING	CLEAR OPENING WIDTH	CLEAR OPENING HEIGHT	FLOOR TO SILL HEIGHT (Can not exceed 44")	DAYLIGHT OPENING SQ. FT. Per Sash	VENTILATION SQ. FT.
78 x 18	77.50" x 17.50"	37.8435" x 14.25"	36.1875"	Left Operating 12.625", Right Fixed 13.25"	2.9477	34.65"	12.25"	65"	Left 2.8407; Right 2.9934	2.9477
78 x 24	77.50" x 23.50"	37.8435" x 20.25"	36.1875"	Left Operating 18.625", Right Fixed 19.25"	4.3914	34.65"	18.25"	59"	Left 4.30683; Right 4.4595	4.3914
78x 36 <sup>E</sup>	77.50" x 35.50"	37.8435" x 32.25"	36.1875"	Left Operating 30.625", Right Fixed 31.25"	7.2789	34.65"	30.25"	47"	Left 7.2391; Right 7.93182	7.2789
78 x 42 <sup>E</sup>	77.50" x 41.50"	37.8435" x 38.25"	36.1875"	Left Operating 36.625", Right Fixed 37.25"	8.7227	34.65"	36.25"	41"	Left 8.7052; Right 8.858	8.7227
78 x 48 <sup>E</sup>	77.50" x 47.50"	37.8435" x 44.25"	36.1875"	Left Operating 42.625", Right Fixed 43.25"	10.1664	34.65"	42.25"	35"	Left 10.1714; Right 10.3241	10.1664
78 x 60 <sup>E</sup>	77.50" x 59.50"	37.8435" x 56.25"	36.1875"	Left Operating 54.625", Right Fixed 55.25"	13.0539	34.65"	54.25"	23"	Left 13.1037; Right 13.2564	13.0539