

# Infinity Insert Casement and Awning

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# Infinity Insert Casement, Awning and Picture

## Unit Features

Infinity Insert Casement: NINCA

Infinity Insert Awning: NINAW

Infinity Insert Casement Picture: NINCP

### Ultrex® Pultruded Fiberglass Frame:

- Frame thickness: 1 5/16" (33)
- Frame depth: 3 1/4" (83)
- Exterior colors: Stone White, Sierra, Cashmere, Pebble Gray, Bahama Brown, Bronze
- Interior colors: Stone White, Sierra, EverWood™

### Ultrex® Pultruded Fiberglass Sash:

- Sash thickness: 1 3/8" (35)
- Operating sash is removable for cleaning
- Sash are replaceable but cannot be re-glazed
- Exterior colors: Stone White, Sierra, Cashmere, Pebble Gray, Bahama Brown, Bronze
- Interior colors: Stone White, Sierra, EverWood™

### Casement Hardware:

- Lock and keeper:
  - Multi-point locking mechanism that is actuated from a single point of operation. Lock mechanisms are concealed with only the actuator handle and escutcheon being visible to the interior. Keepers are mounted to the interior face of the sash and interlocks within concealed lock when actuated.
- Operator:
  - Concealed hinges with stainless steel tracks
  - Snubber: pulls the sash tight to the frame and provides positive engagement to secure the sash under structural load conditions
  - Dual arm roto-gear operator on units 24 3/8" (619) wide frame size and over
  - Split-arm roto-gear operator used on units less than 24 3/8" (619) wide
- Handle:
  - Die-cast folding crank handle
- Factory Installed Window Opening Control Device (WOCD):
  - Minimum Frame OSM 18 5/32" (461) x 17 3/8" (441)
  - Maximum Frame OSM 40" (1016) x 60" (1524) or 36" (914) x 86" (2184)
  - WOCD locking assembly:
    - Factory installed
    - Die-cast
    - Color: White, Satin Taupe, Sierra
  - WOCD tether assembly: factory installed; glass filled nylon
    - Color: E-Gard color match

### Awning Hardware:

- Lock and keeper:
  - Cam lock and stainless steel keeper system
- Operator:
  - Concealed hinges and steel tracks
  - Factory installed roto-gear operator
- Handle:
  - Die-cast folding crank handle
- Sash Limiter:
  - Factory installed or field applied

### Weather Strip:

- Frame:
  - Extruded foam bulb weather strip that runs around the perimeter of the frame sealing against the interior face of the sash
    - Color: black
- Sash:
  - Extruded thermoplastic bulb that attaches to a kerf around the top, bottom and sides of the sash; sealing against the inner perimeter of the frame
    - Color: beige or black
    - Black is for Bahama Brown and Bronze exterior units

## Unit Features

### Insect Screens:

- Full screen
- Roll formed aluminum frame
- Mitered corner key; injection molded, color matched to screen
- Color: Stone White, Satin Taupe, Sierra, EverWood™
- Standard screen mesh material: charcoal fiberglass
  - Optional screen mesh material: high transparency

### Glass:

- Glazing seal: silicone bedding on interior and exterior
- Standard glass is insulating Low E2 with Argon or air
- Optional glazing available: Low E1 with Argon or air, Low E3 with Argon or air, Low E3/ERS with Argon or air, tempered, obscure
- Decorative glass options include Glue Chip, Rain, Reed, Narrow Reed, or Frost
- Decorative glass is not available with Low E1, Low E3/ERS, or STC/OITC
- Rain, Reed and Narrow Reed not available with SDL
- SDL available on Frost, annealed or tempered
- SDL available on Glue Chip, tempered glass required
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations
- Argon gas is not available for elevations that require capillary tubes

### Simulated Divided Lites (SDL):

- 7/8" (22) or 1 1/8" (29) SDL bar (interior and exterior)
- 2 11/32" (30) simulated rail (interior and exterior)
- Exterior color: matched to unit exterior
- Interior color: matched to interior - ABS material
- Pattern: equal rectangular, cottage, prairie, check rail

### Gilles-Between-the-Glass (GBG):

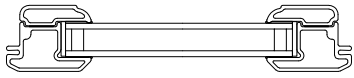
- 23/32" (18) or 1" (25) contoured aluminum bar
- Exterior: color matched to unit exterior
- The exterior GBG color is designed to best match the unit exterior color when used with Low E glass. The use of different types of glazing options may alter the exterior GBG color appearance.
- Interior color: White, Satin Taupe, Sierra, Bronze
- Pattern: equal rectangular, cottage, prairie, check rail

*NOTE: GBG may not be available or may require tempered glass if the glass size is greater than 16 square feet or if the short side dimension is greater than 48". Please contact your local Infinity Retailer or Infinity Support at 800-372-1072 to determine if GBG is available for glass sizes exceeding these dimensions.*

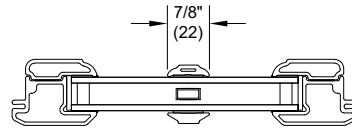
### Head/Seat Board:

- Use with bow and bay assemblies
- Factory installed interior head board; available in bare pine or oak
- Factory installed interior seat board; available in bare pine or oak
- Insulated seat board with white or beige exterior aluminum skin
- Bay cable support
- Bow and bay jamb available from 4 9/16" (116) - 8 9/16" (217)

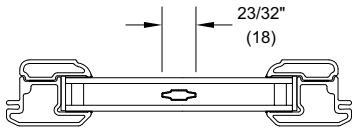
Lite Options



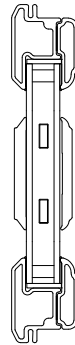
Insulating Glass



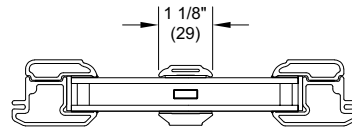
Insulating Glass  
7/8" SDL w/ spacer bar



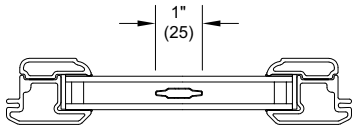
Insulating Glass  
23/32" GBG



Insulating Glass  
SDL Simulated Rail  
w/ spacer bar



Insulating Glass  
1 1/8" SDL w/ spacer bar



Insulating Glass  
1" GBG

**Minimum and Maximum Guidelines**

Minimum and Maximum Guidelines										
Unit Type	Inside Opening								Glass Limits	
	Min Width		Min Height		Max Width		Max Height		Max Glass	
	in	mm	in	mm	in	mm	in	mm	ft <sup>2</sup>	m <sup>2</sup>
NINCA	16 5/8	(422)	17 5/8	(448)	40 3/8	(1026)	60 1/4	(1530)	13 29/32	1.292
	16 5/8	(422)	17 5/8	(448)	36 3/8	(924)	86 1/4	(2191)	18 3/32	1.681
NINAWN	17 7/8	(454)	17 5/8	(448)	60 3/8	(1534)	48 1/4	(1226)	17	1.579
NINCP/ NINAP	14 5/8	(371)	14 1/2	(368)	86 3/8	(2194)	86 1/4	(2191)	30	2.787

*NOTE: For Glue Chip, Frost, and Rain, maximum short frame side is 63 1/8".*

*For Reed and Narrow Reed, vertical pattern orientation maximum frame width size 63 1/8".*

*For Reed and Narrow Reed, horizontal pattern orientation maximum sash height 63 1/8".*

*If frame height exceeds 76" or if frame width exceeds 73 1/2", short side dimension of frame cannot exceed 52 1/8".*

*Tempered glass may be required if the glass size is greater than 23 square feet. Please contact your local Infinity Retailer or Infinity Support at 800-372-1072 to determine available glass options on units exceeding this size.*

**Certified Sizes and Ratings**

Product	Air Tested to psf	Water Tested to psf	Design Pressure (DP)	Certification Rating	Max Overall Width		Max Overall Height	
					in	mm	in	mm
Infinity Casement	1.57	6	40	R-PG40-C	36	(914)	86	(2184)
Infinity Casement	1.57	6	40	LC-PG40-C	31	(787)	86	(2184)
Infinity Casement	1.57	6	40	LC-PG40-C	40	(1016)	60	(1524)
Infinity Casement	1.57	6	40	LC-PG40-C	36	(914)	72	(1829)
Infinity Casement	1.57	6	40	R-PG40-C	24 23/64	(619)	86	(2184)
Infinity Casement	1.57	6	40	LC-PG40-C	21 3/8	(543)	86	(2184)
Infinity Casement (clear view hinges)	1.57	6	40	LC-PG40-C	30 23/64	(771)	57	(1448)
Infinity Casement (clear view hinges)	1.57	6	40	R-PG40-C	30 23/64	(771)	72	(1829)
Infinity Awning	1.57	6	40	LC-PG40-AP	60	(1524)	48	(1219)
Infinity Casement Picture	1.57	6	40	LC-PG40-FW	86	(2184)	86	(2184)

**Bow Minimum and Maximum Guidelines and Projection**

Casement Bow - min/max									
Unit Configuration		Rough Opening							
		Min Width		Min Height		Max Width		Max Height	
		in	mm	in	mm	in	mm	in	mm
4-Wide	O-P-P-O	69 5/8	(1768)	19 5/16	(491)	145	(3683)	73 15/16	(1878)
5-Wide	O-P-P-P-O	85 1/4	(2165)	19 5/16	(491)	145	(3683)	73 15/16	(1878)
6-Wide	O-P-P-P-P-O	100 1/8	(2543)	19 5/16	(491)	145	(3683)	73 15/16	(1878)

Window Size and Projection Chart					
4-Wide (O-P-P-O)					
RO Width		Window		Projection	
in	mm	in	mm	in	mm
70	(1778)	16 11/16	(424)	7 5/16	(186)
75	(1905)	18	(457)	7 13/16	(198)
80	(2032)	19 1/4	(489)	8 3/8	(213)
85	(2159)	20 9/16	(522)	8 7/8	(225)
90	(2286)	21 7/8	(556)	9 7/16	(240)
95	(2413)	23 1/8	(587)	9 15/16	(252)
100	(2540)	24 7/16	(621)	10 1/2	(267)
105	(2667)	25 11/16	(652)	11	(279)
110	(2794)	27	(686)	11 9/16	(294)
115	(2921)	28 1/4	(718)	12 1/16	(306)
120	(3048)	29 9/16	(751)	12 5/8	(321)
125	(3175)	30 7/8	(784)	13 1/8	(333)
130	(3302)	32 1/8	(816)	13 11/16	(348)
135	(3429)	33 7/16	(849)	14 3/16	(360)
140	(3556)	34 11/16	(881)	14 3/4	(375)
144	(3658)	35 3/4	(908)	15 1/8	(384)



**Bow Minimum and Maximum Guidelines and Projection**

Window Size and Projection Chart					
5-Wide (O-P-P-P-O)					
RO Width		Window		Projection	
in	mm	in	mm	in	mm
90	(65)	17 5/8	(448)	11 3/8	(279)
95	(70)	18 5/8	(473)	12	(294)
100	(75)	19 11/16	(500)	12 5/8	(309)
105	(80)	20 3/4	(527)	13 1/4	(325)
110	(85)	21 3/4	(552)	13 15/16	(341)
115	(90)	22 13/16	(579)	14 9/16	(357)
120	(95)	23 7/8	(606)	15 13/16	(387)
125	(100)	24 15/16	(633)	15 7/8	(389)
130	(105)	25 15/16	(659)	16 1/2	(404)
135	(110)	27	(686)	17 1/8	(420)
140	(115)	28 1/16	(713)	17 3/4	(435)
144	(119)	28 7/8	(733)	18 5/16	(449)

Window Size and Projection Chart					
6-Wide (O-P-P-P-P-O)					
RO Width		Window		Projection	
in	mm	in	mm	in	mm
100	(2540)	16 9/16	(421)	15 15/16	(405)
105	(2667)	17 1/2	(445)	16 3/4	(425)
110	(2794)	18 3/8	(467)	17 9/16	(446)
115	(2921)	19 1/4	(489)	18 3/8	(467)
120	(3048)	20 1/8	(511)	19 3/16	(487)
125	(3175)	21 1/16	(535)	20	(508)
130	(3302)	21 15/16	(557)	20 13/16	(529)
135	(3429)	22 13/16	(579)	21 5/8	(549)
140	(3556)	23 11/16	(602)	22 7/16	(570)
144	(3658)	24 7/16	(621)	23 1/8	(587)

**30° Bay Minimum and Maximum Guidelines and Projection**

30 degree Bays - min/max									
30 Degree Bay		Rough Opening							
		Min Width		Min Height		Max Width		Max Height	
		in	mm	in	mm	in	mm	in	mm
1:2:1 Ratio	X-O-X	66 7/8	(1699)	19 5/16	(491)	140 9/16	(3570)	73 15/16	(1878)
	X-X-X	66 7/8	(1699)	19 5/16	(491)	73 3/8	(1864)	73 15/16	(1878)
1:1:1 Ratio	X-O-X	50 5/8	(1286)	19 5/16	(491)	104 9/16	(2656)	73 15/16	(1878)
	X-X-X	50 11/16	(1287)	19 5/16	(491)	104 9/16	(2656)	73 15/16	(1878)

Window Size and Projection Chart							
30 Degree Bay - 1:2:1 Ratio							
RO Width		Flanker Inside Opening		Center Inside Opening		Projection	
in	mm	in	mm	in	mm	in	mm
70	(1778)	17 7/16	(443)	34 1/2	(876)	9 5/16	(237)
75	(1905)	18 3/4	(476)	37 3/16	(945)	10	(254)
80	(2032)	20 1/8	(511)	39 7/8	(1013)	10 5/8	(270)
85	(2159)	21 7/16	(545)	42 9/16	(1081)	11 5/16	(287)
90	(2286)	22 13/16	(579)	45 1/4	(1149)	12	(305)
95	(2413)	24 1/8	(613)	47 15/16	(1218)	12 5/8	(321)
100	(2540)	25 1/2	(648)	50 5/8	(1286)	13 5/16	(338)
105	(2667)	26 13/16	(681)	53 5/16	(1354)	14	(356)
110	(2794)	28 1/8	(714)	55 15/16	(1421)	14 11/16	(373)
115	(2921)	29 1/2	(749)	58 5/8	(1489)	15 5/16	(389)
120	(3048)	30 13/16	(783)	61 5/16	(1557)	16	(406)
125	(3175)	32 3/16	(818)	64	(1626)	16 11/16	(424)
130	(3302)	33 1/2	(851)	66 11/16	(1694)	17 3/8	(441)
135	(3429)	34 7/8	(886)	69 3/8	(1762)	18	(457)
140	(3556)	36 3/16	(919)	72 1/16	(1830)	18 11/16	(475)

**30° Bay Minimum and Maximum Guidelines and Projection**

Window Size and Projection Chart							
30 Degree Bay - 1:1:1 Ratio							
RO Width		Flanker Inside Opening		Center Inside Opening		Projection	
in	mm	in	mm	in	mm	in	mm
55	(1397)	18 3/16	(462)	18 3/16	(462)	9 11/16	(246)
60	(1524)	20 1/16	(510)	20 1/16	(510)	10 5/8	(270)
65	(1651)	21 7/8	(556)	21 7/8	(556)	11 1/2	(292)
70	(1778)	23 11/16	(602)	23 11/16	(602)	12 7/16	(316)
75	(1905)	25 1/2	(648)	25 1/2	(648)	13 3/8	(340)
80	(2032)	27 3/8	(695)	27 3/8	(695)	14 1/4	(362)
85	(2159)	29 3/16	(741)	29 3/16	(741)	15 3/16	(386)
90	(2286)	31	(787)	31	(787)	16 1/16	(408)
95	(2413)	32 13/16	(833)	32 13/16	(833)	17	(432)
100	(2540)	34 11/16	(881)	34 11/16	(881)	17 15/16	(456)
105	(2667)	36 1/2	(927)	36 1/2	(927)	18 13/16	(478)
110	(2794)	38 5/16	(973)	38 5/16	(973)	19 3/4	(502)
115	(2921)	40 3/16	(1021)	40 3/16	(1021)	20 11/16	(525)
120	(3048)	42	(1067)	42	(1067)	21 9/16	(548)
125	(3175)	43 13/16	(1113)	43 13/16	(1113)	22 1/2	(572)
130	(3302)	45 5/8	(1159)	45 5/8	(1159)	23 7/16	(595)
135	(3429)	47 1/2	(1207)	47 1/2	(1207)	24 5/16	(618)

**45° Bay Minimum and Maximum Guidelines and Projection**

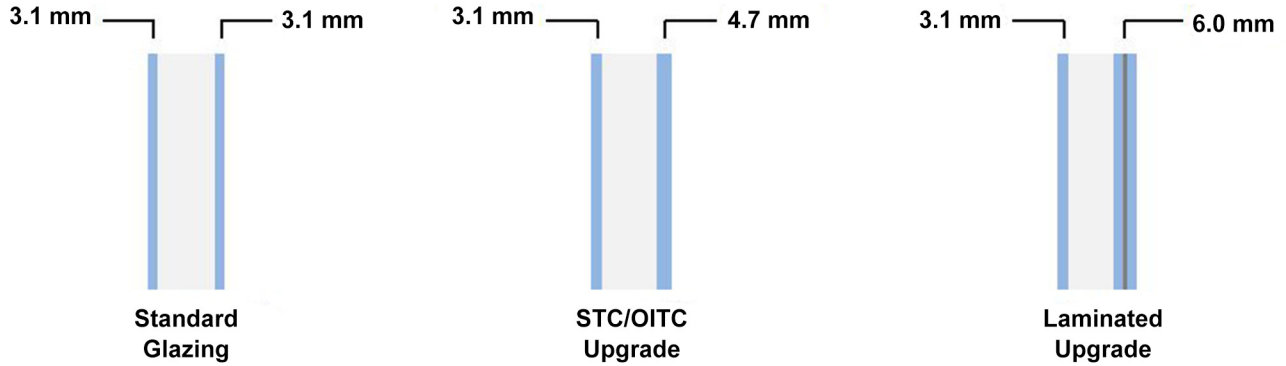
45 degree Bays - min/max									
45 Degree Bay		Rough Opening							
		Min Width		Min Height		Max Width		Max Height	
		in	mm	in	mm	in	mm	in	mm
1:2:1 Ratio	X-O-X	62 5/8	(1591)	19 5/16	(491)	119 1/8	(3026)	87 15/16	(2234)
	X-X-X	62 5/8	(1591)	19 5/16	(491)	75 3/8	(1915)	87 15/16	(2234)
1:1:1 Ratio	X-O-X	46 3/8	(1178)	19 5/16	(491)	86 5/16	(2192)	87 15/16	(2234)
	X-X-X	46 3/8	(1178)	19 5/16	(491)	86 5/16	(2192)	87 15/16	(2234)

Window Size and Projection Chart							
45 Degree Bay - 1:2:1 Ratio							
RO Width		Flanker Inside Opening		Center Inside Opening		Projection	
in	mm	in	mm	in	mm	in	mm
65	(1651)	17 5/16	(440)	34 1/4	(870)	13 1/4	(337)
70	(1778)	18 3/4	(476)	37 3/16	(945)	14 5/16	(364)
75	(1905)	20 1/4	(514)	40 1/8	(1019)	15 15/16	(405)
80	(2032)	21 11/16	(551)	43 1/16	(1094)	16 3/8	(416)
85	(2159)	23 3/16	(589)	45 15/16	(1167)	17 3/8	(441)
90	(2286)	24 5/8	(625)	48 7/8	(1241)	18 7/16	(468)
95	(2413)	26 1/16	(662)	51 13/16	(1316)	19 1/2	(495)
100	(2540)	27 9/16	(700)	54 3/4	(1391)	20 1/2	(521)
105	(2667)	29	(737)	57 11/16	(1465)	21 9/16	(548)
110	(2794)	30 1/2	(775)	60 5/8	(1540)	22 9/16	(573)
115	(2921)	31 15/16	(811)	63 9/16	(1614)	23 5/8	(600)

Window Size and Projection Chart							
45 Degree Bay - 1:1:1 Ratio							
RO Width		Flanker Inside Opening		Center Inside Opening		Projection	
in	mm	in	mm	in	mm	in	mm
50	(1270)	18 1/8	(460)	18 1/8	(460)	13 13/16	(351)
55	(1397)	20 3/16	(513)	20 3/16	(513)	15 5/16	(389)
60	(1524)	22 1/4	(565)	22 1/4	(565)	16 3/4	(425)
65	(1651)	24 5/16	(618)	24 5/16	(618)	18 1/4	(464)
70	(1778)	26 3/8	(670)	26 3/8	(670)	19 11/16	(500)
75	(1905)	27 7/16	(697)	28 7/16	(722)	21 1/8	(537)
80	(2032)	30 9/16	(776)	30 9/16	(776)	22 5/8	(575)
85	(2159)	32 5/8	(829)	32 5/8	(829)	24 1/16	(611)

**STC/OITC Glass Values**

STC/OITC ratings are shown in the chart below. Infinity's STC/OITC values are provided by third party ASTM testing and reports. The STC/OITC Upgrade option incorporates variable glass thickness or laminate (L) to increase STC/OITC performance and improve sound abatement.



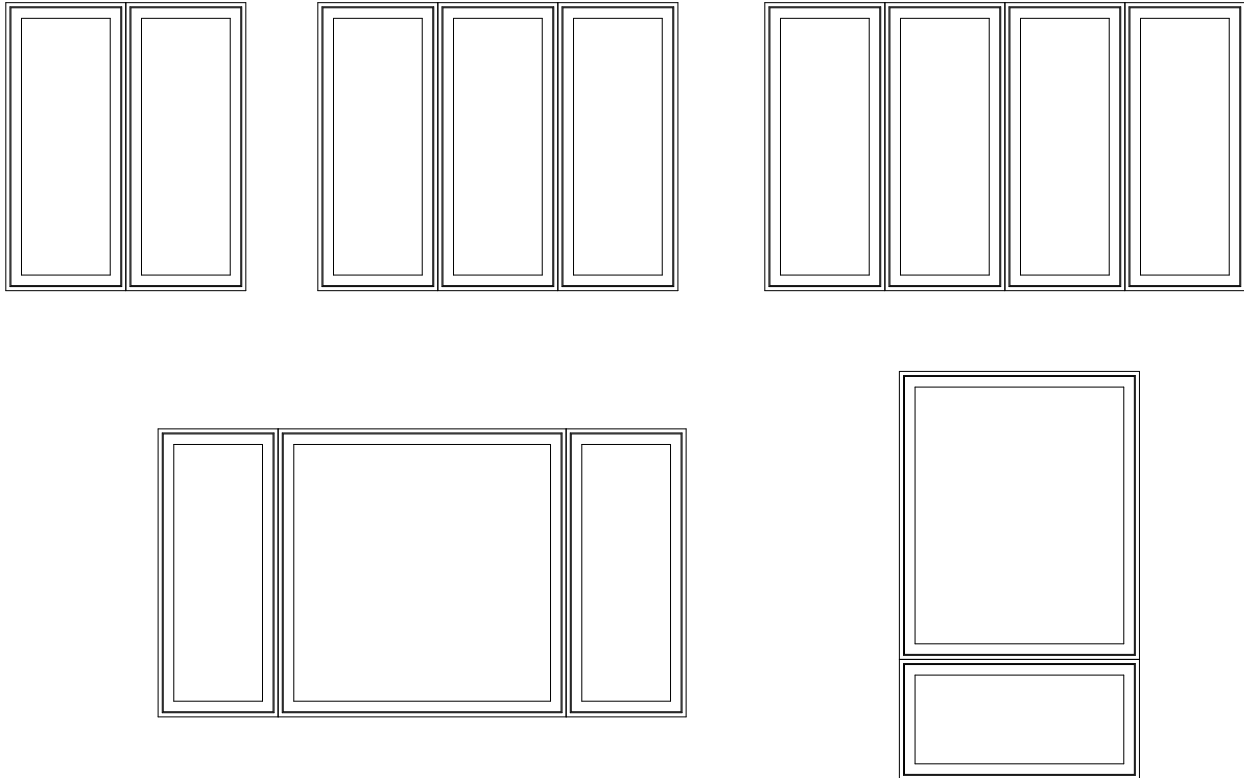
Product Type	Exterior Glazing	Airspace	Interior Glazing	STC	OITC
Insert Casement	1/8" (3.1)	15/32" (11.5)	1/8" (3.1)	27	24
	1/8" (3.1)	15/32" (11.5)	3/16" (4.7)	33	28
	1/8" (3.1)	5/16" (8.0)	1/4" (6.0L)	32	26
Insert Casement Picture	1/8" (3.1)	15/32" (11.5)	1/8" (3.1)	27	23
	1/8" (3.1)	15/32" (11.5)	3/16" (4.7)	32	28
	1/8" (3.1)	5/16" (8.0)	1/4" (6.0L)	33	28
Insert Awning	1/8" (3.1)	15/32" (11.5)	1/8" (3.1)	29	25
	1/8" (3.1)	15/32" (11.5)	3/16" (4.7)	34	28
	1/8" (3.1)	5/16" (8.0)	1/4" (6.0L)	33	29

**Mulling Guidelines**

**Factory Mullered Insert Casement/Awning Assemblies**

- Assemblies up to 4 units wide by 1 unit high
  - MAXIMUM INSIDE OPENING not to exceed 112 3/8" (2854) x 85 1/4" (2191)
- Assemblies up to 1 unit wide by 2 units high
  - MAXIMUM INSIDE OPENING not to exceed 72 3/8" (1838) x 95 3/4" (2508)

*NOTE: Field mulling beyond the above limitations is not recommended.*



**Inside Opening Assemblies**

- WIDTH:
  - Frame Width = Unit Inside Opening width MINUS 3/8"
  - Total Inside Opening Width = ADD all frame widths PLUS 3/8" PLUS (1/16" x number of mulls)
- HEIGHT:
  - Frame Height = Single unit Inside Opening height MINUS 1/4"
  - Total Inside Opening Height = ADD all frame heights PLUS 1/4" PLUS (1/16" x number of mulls)

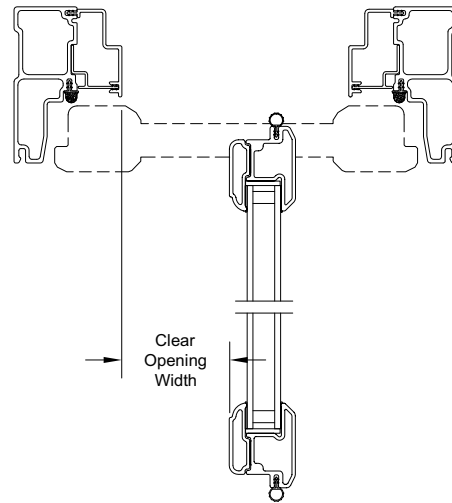
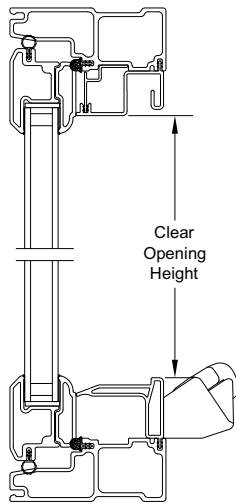
**Measurement Conversions: Operable/Stationary Units and Pictures/Transoms**

Unit Measurement - Operable Casement and Awnings		Width		Height	
From	To				
<b>Rough Opening</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
OM of Frame	Inside Opening	+ 3/8	(10)	+ 1/4	(6)
<b>Frame</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
Daylight Opening	OM of Frame	+ 5 7/32	(132)	+ 5 7/32	(132)
<b>Sash</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
OM of Frame	OM of Sash	-1 11/16	(43)	-1 11/16	(43)
Daylight Opening	OM of Sash	+ 3 17/32	(90)	+ 3 17/32	(90)
<b>Glass</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
Daylight Opening	Glass	+ 1 1/16	(27)	+ 1 1/16	(27)
<b>Screen</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
OM of Frame	OM of Screen, Non-EverWood	-3 7/8	(98)	-4 5/16	(109)
OM of Frame	OM of Screen, EverWood	-3 29/32	(99)	-4 5/16	(109)
Daylight Opening	OM of Screen, Non-EverWood	+ 1 11/32	(34)	+ 29/32	(23)
Daylight Opening	OM of Screen, EverWood	+ 1 5/16	(33)	+ 29/32	(23)

Unit Measurement - Transom and Pictures		Width		Height	
From	To				
<b>Inside Opening</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
OM of Frame	Inside Opening	+ 3/8	(10)	+ 1/4	(6)
<b>Frame</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
Daylight Opening	OM of Frame	+ 5 7/32	(132)	+ 5 7/32	(132)
<b>Sash</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
OM of Frame	OM of Sash	-1 11/16	(43)	-1 11/16	(43)
Daylight Opening	OM of Sash	+ 3 17/32	(90)	+ 3 17/32	(90)
<b>Glass</b>		<b>in</b>	<b>mm</b>	<b>in</b>	<b>mm</b>
Daylight Opening	Glass	+ 1 1/16	(27)	+ 1 1/16	(27)

**Measurement Conversions: Egress - Easy Wash™**

Egress Conversions		
Easy Wash™ Egress Minimum Opening and Conversions from Frame Size		
Minimum Value for Net Clear Opening	Desired Dimension	Formula
20 in	Egress opening width, in	= NINCA frame OM width - 10.352
24 in	Egress opening height, in	= NINCA frame OM height - 4.816
5.7 ft2	Egress opening area, ft2	= ((Egress opening width, in) x (Egress opening height, in)) / 144

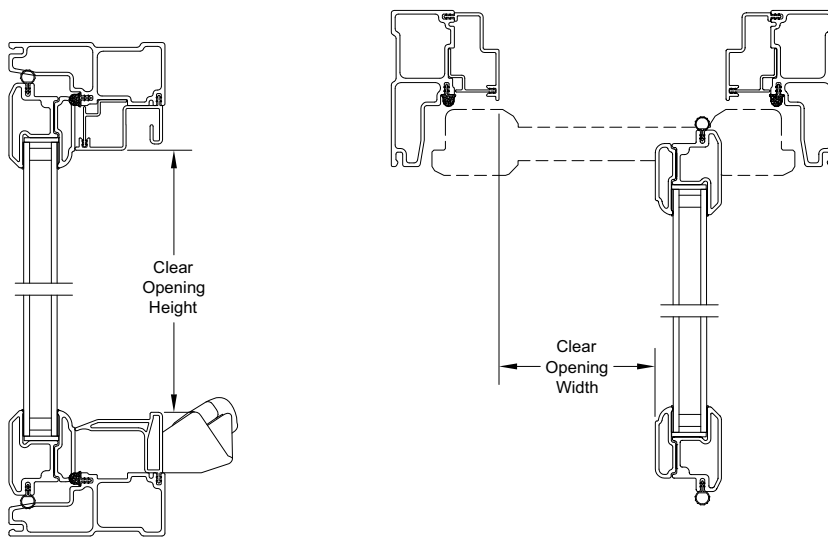


Easy Wash™ Hinge



**Measurement Conversions: Egress - Clear View™**

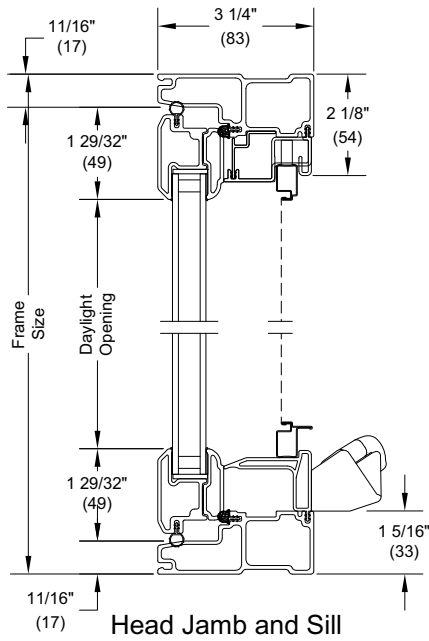
Egress Conversions		
Clear View™ Egress Minimum Opening and Conversions from Frame Size		
Minimum Value for Net Clear Opening	Desired Dimension	Formula
20 in	Egress opening width, in	= NINCA frame OM width - 5.967
24 in	Egress opening height, in	= NINCA frame OM height - 4.816
5.7 ft2	Egress opening area, ft2	= ((Egress opening width, in) x (Egress opening height, in)) / 144



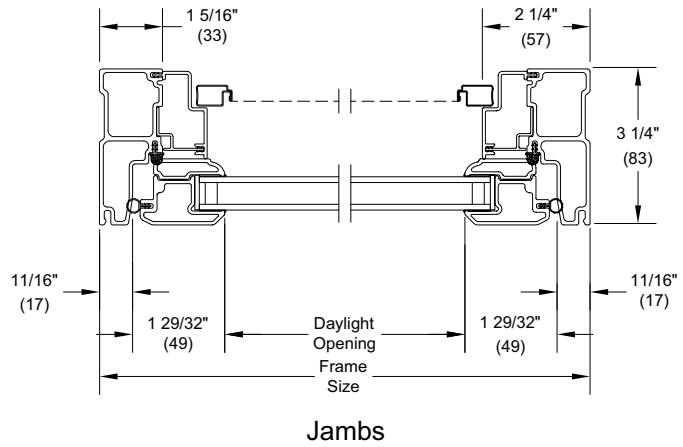
Clear View™ Hinge

**Section Details: Operating**

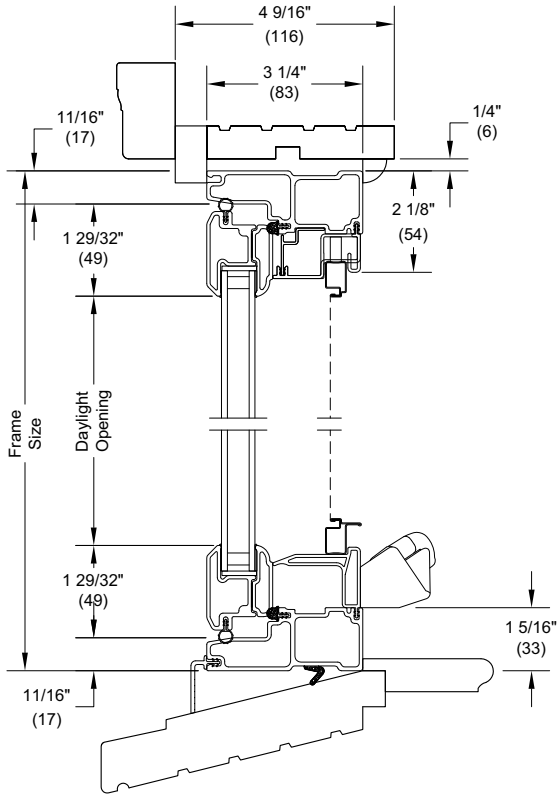
Scale: 3" = 1' 0"



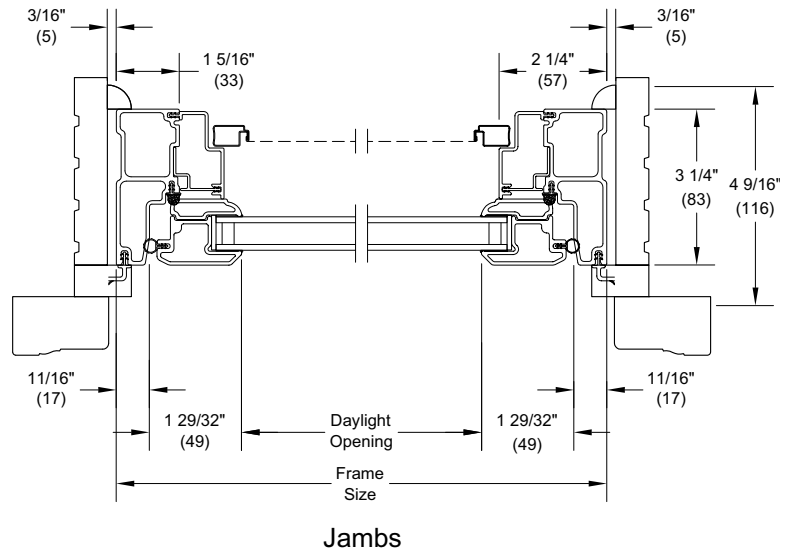
Head Jamb and Sill



Jamb



Head Jamb and Sill

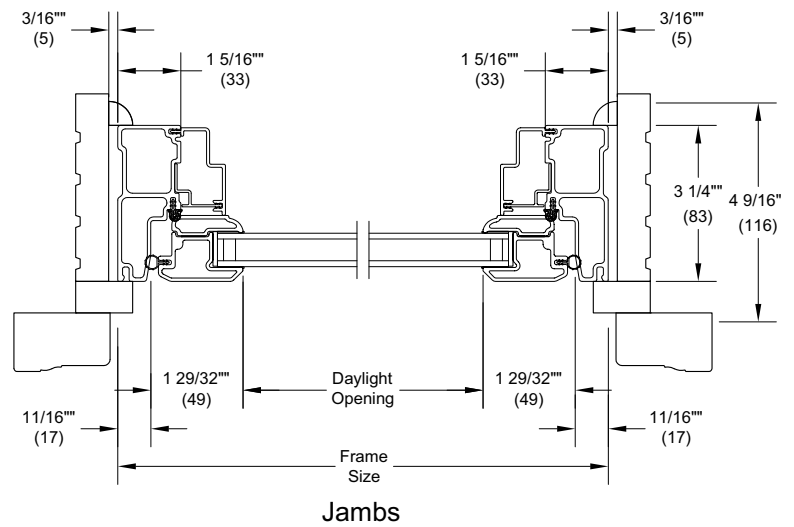
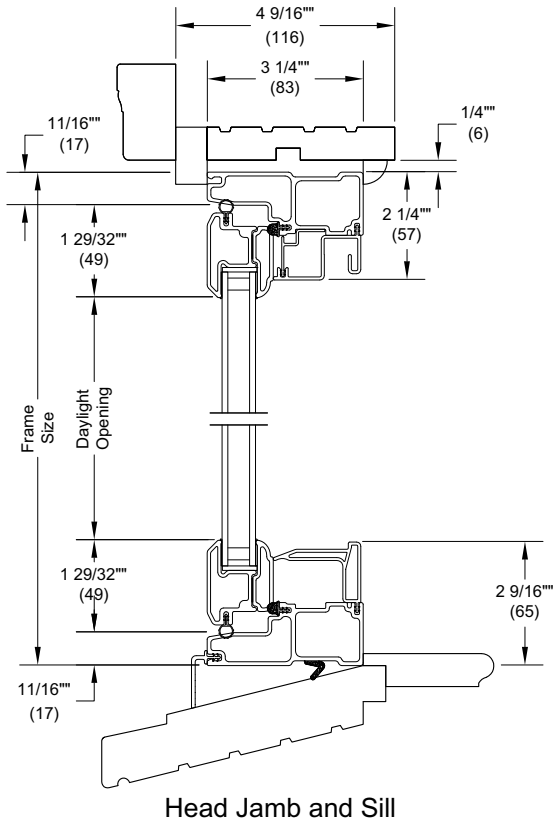
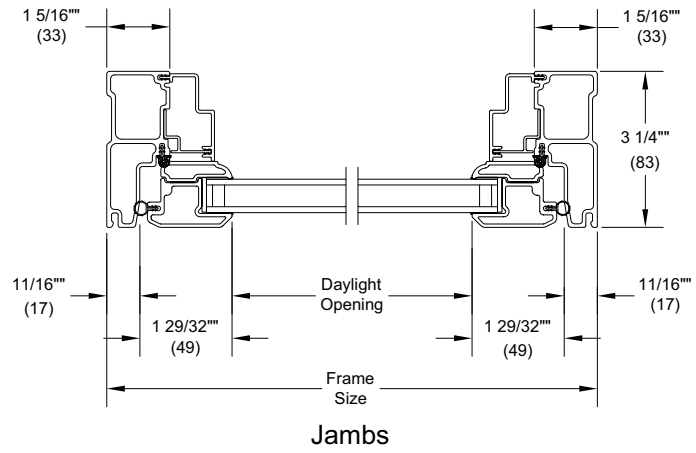
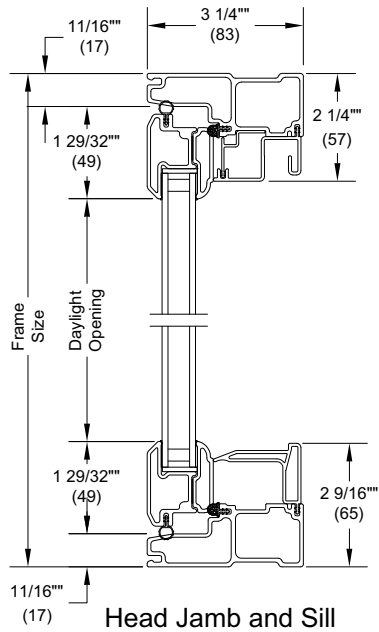


Jamb

*Infinity Insert Casement, Awning and Picture*

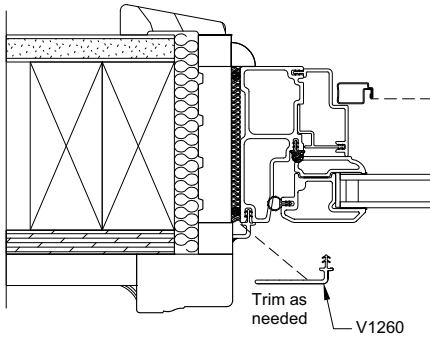
**Section Details: Transom/Picture**

Scale: 3" = 1' 0"

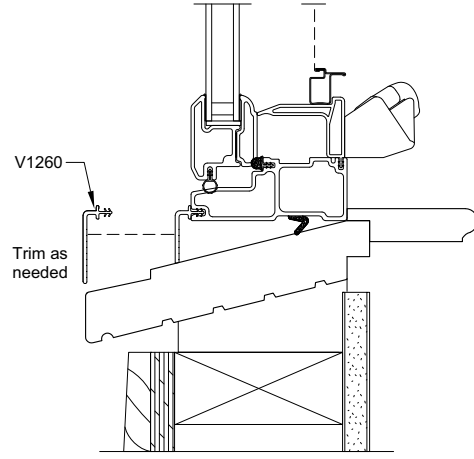


Section Details: Frame Expander and Panning Application

Scale: 3" = 1' 0"



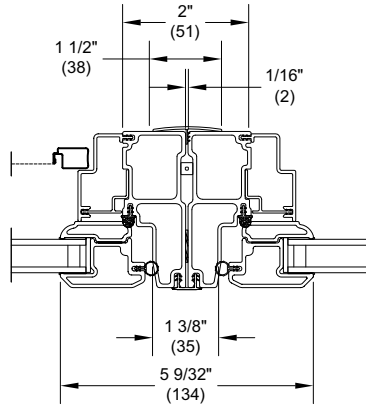
Jamb-Frame Expander  
V1260



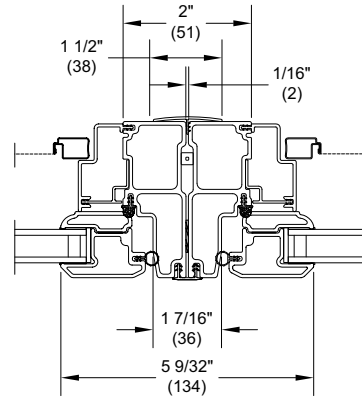
Sill-Frame Expander  
V1260

Section Details: Mullions

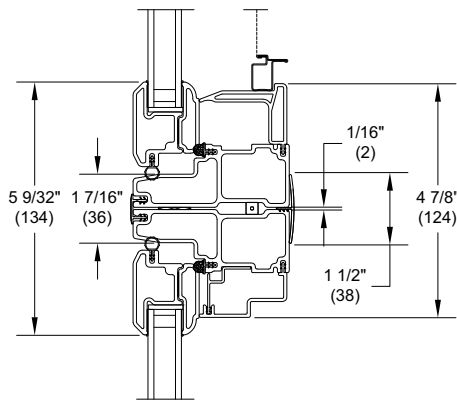
Scale: 3" = 1' 0"



Vertical Mullion-Operator/Picture



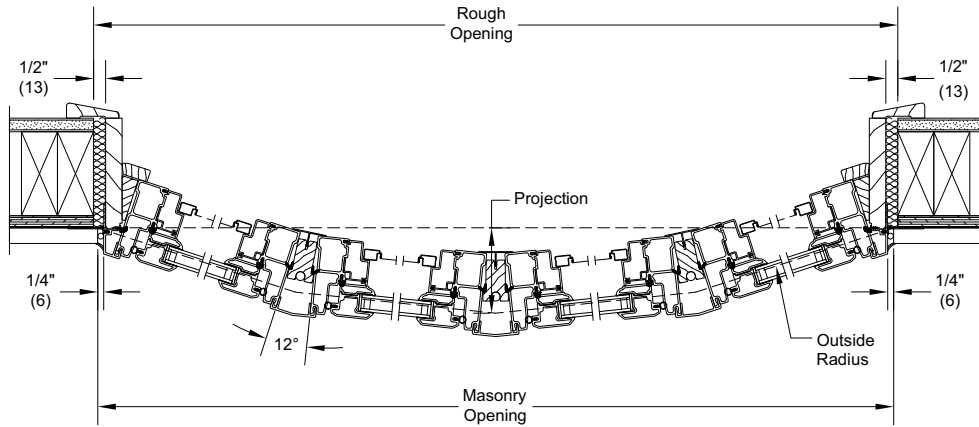
Vertical Mullion-Operator/Operator



Horizontal Mullion-Operator/Picture

Section Details: Bow

Scale: 3" = 1' 0"

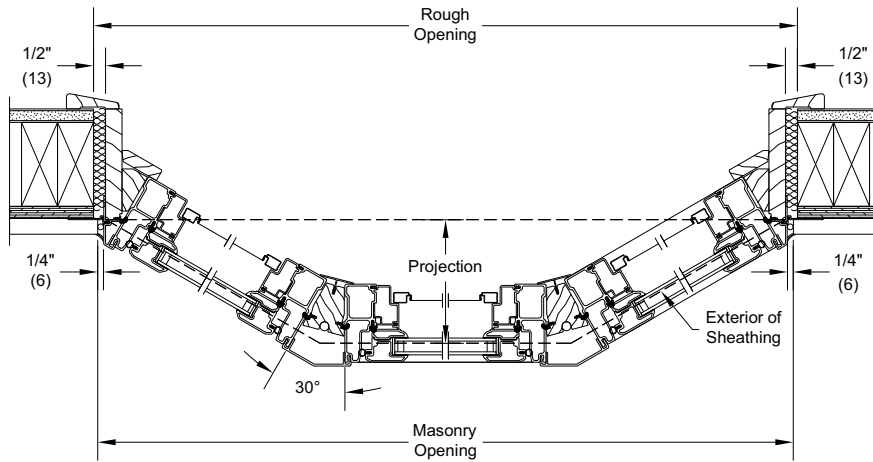


*Infinity Insert Casement, Awning and Picture*

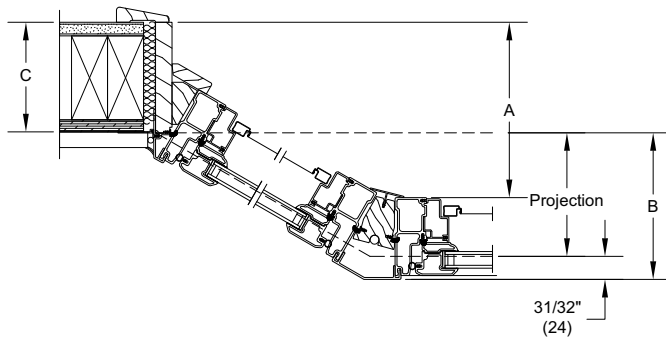
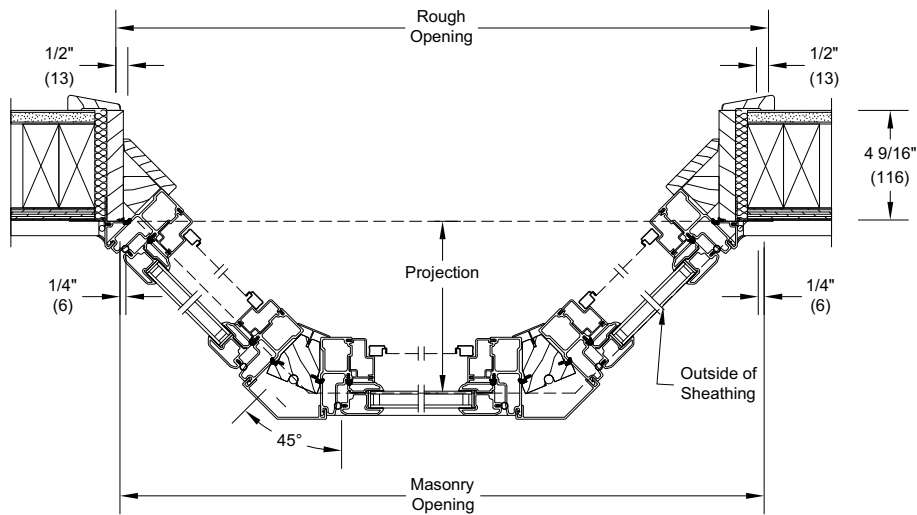
**Section Details: 30° and 45° Bay Unit/Projection**

Scale: 3" = 1' 0"

**30° Bay**



**45° Bay**



NINCA Bay  
 A= Projection 2 7/16 + Jamb Depth

Section Details: Vertical Bay

Scale: 3" = 1' 0"

