

CTB Commercial Aluminum Windows

Description

The CTB Commercial Aluminum Window utilizes a 2 3/8" depth frame, thermally-broken for use in commercial construction. Basic models include horizontal slider, single hung and fixed picture windows. Units are mulled together with a rigid PVC strip. The polyester finish will stay attractive regardless of the weather. Aluminum windows do not expand and contract like vinyl windows or swell and shrink like wood. Meets IBC prescriptive Energy Conservation codes.

STYLES - HS Horizontal Single Sliding

VSH Vertical Single Hung

VSHS Special Vertical Single Hungs (1/3 Slider, 2/3 fixed)

FL Fixed Lite Picture Window

HT Horizontal Three Panel End Sliding

COLORS - Polar White, Bronze, Chocolate and Hickory Moss. Exposed surfaces are covered with AAMA 2603 polyester paint finish.

GLASS - 5/8" Double Sealed Insulated Glass in operable windows. Up to 1" I.G. in fixed windows.

Options Available: Grids

Low-E w/ Argon & Super Spacer

Tinted

Tempered

Frame Options: Nailing Fin

Attached J Trim

No Fin

Step-Saver Self Flashing

SIZES - Standard Sizes are:

Out to Out Measurements			Out to Out Measurements			Out to Out Measurements		
2030	23-1/2" x 35-1/2"	4020	47-1/2" x 23-1/2"	5030	59-1/2" x 35-1/2"	HS & FL Only		
2040	23-1/2" x 47-1/2"	4030	47-1/2" x 35-1/2"	5040	59-1/2" x 47-1/2"	HS & FL Only		
2050	23-1/2" x 59-1/2"	4040	47-1/2" x 47-1/2"	5050	59-1/2" x 59-1/2"	HS & FL Only		
3030	35-1/2" x 35-1/2"	4050	47-1/2" x 59-1/2"	6030	71-1/2" x 35-1/2"	HS & FL Only		
3040	35-1/2" x 47-1/2"	4060	47-1/2" x 71-1/2"	VSH & FL Only		6040	71-1/2" x 47-1/2"	HS & FL Only
3050	35-1/2" x 59-1/2"	4070	47-1/2" x 83-1/2"	VSH & FL Only		6050	71-1/2" x 59-1/2"	HS & FL Only

Additional sizes are offered. Special Sizes can be ordered. Multiple windows can be mulled together using special mullion strips.

CERTIFICATION - AAMA / WDMA / CSA 101/I.S.2/A440-08

500HS LC-PG30 (72 X 60) HS Step Saver Horizontal Sliding

510HS LC-PG30 (72 X 72) HS Nailing Fin Horizontal Sliding

520VSH LC-PG30 (48 X 84) H Nailing Fin Vertical Single-Hung

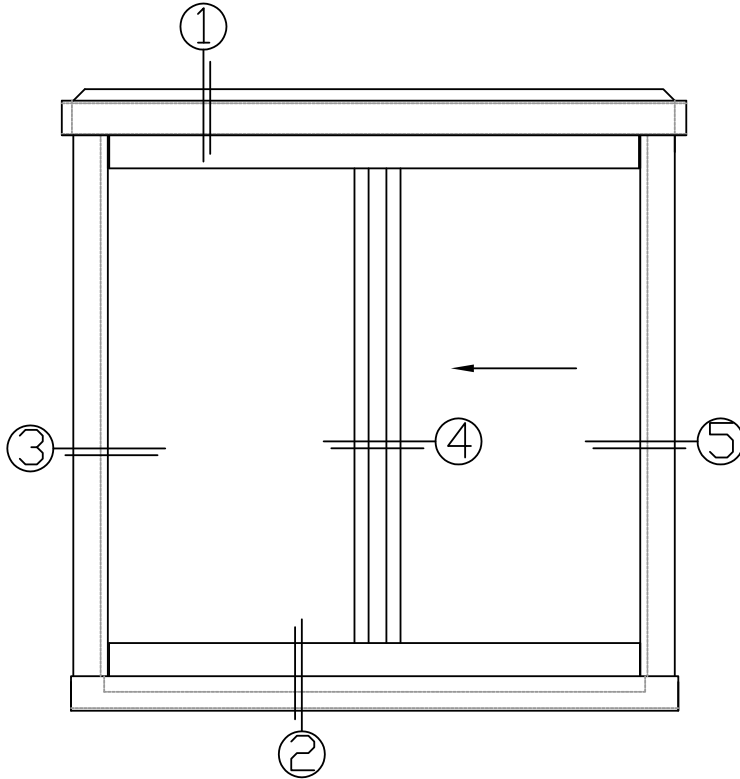
540FL CW-PG40 (60 X 60) FW Nailing Fin Fixed Lite Window

550FL CW-PG40 (60 x 84) FW Nailing Fin Fixed Lite Window

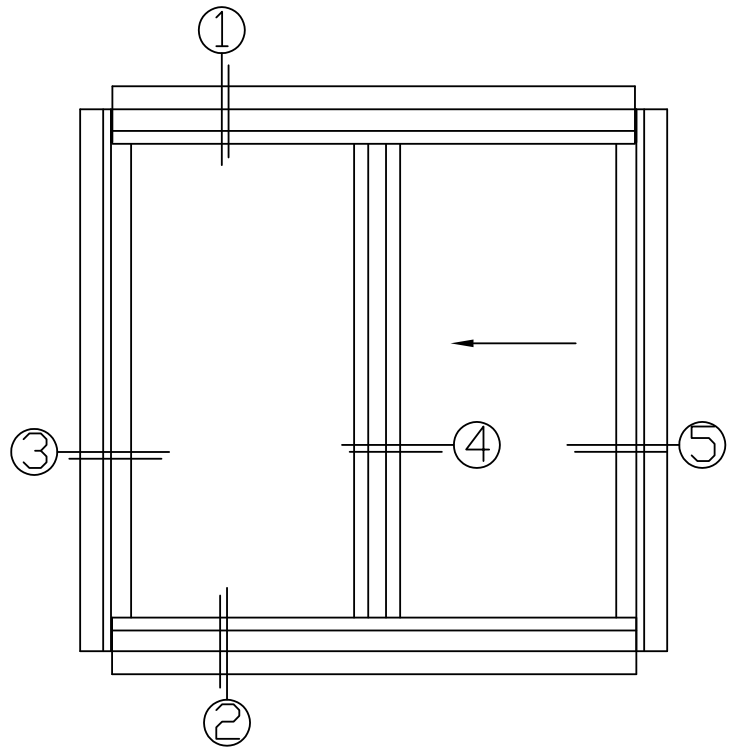
550FL CW-PG40 (60 x 96) FW Nailing Fin Fixed Lite Window with tempered glass

CTB Commercial Aluminum Window

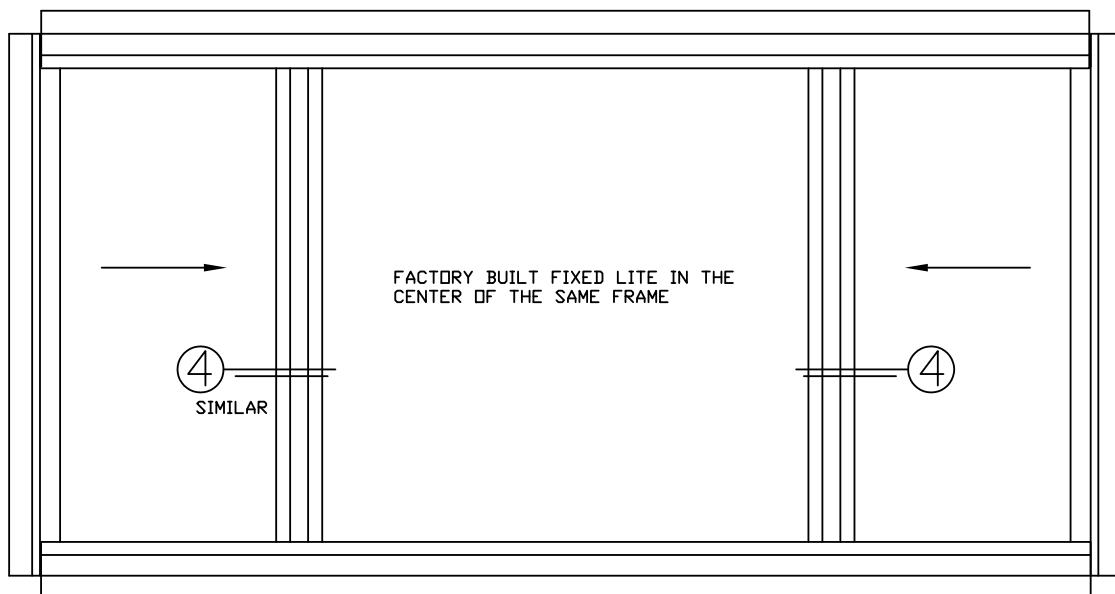
Horizontal Slider Elevations



CTB-500 SHS EXTERIOR



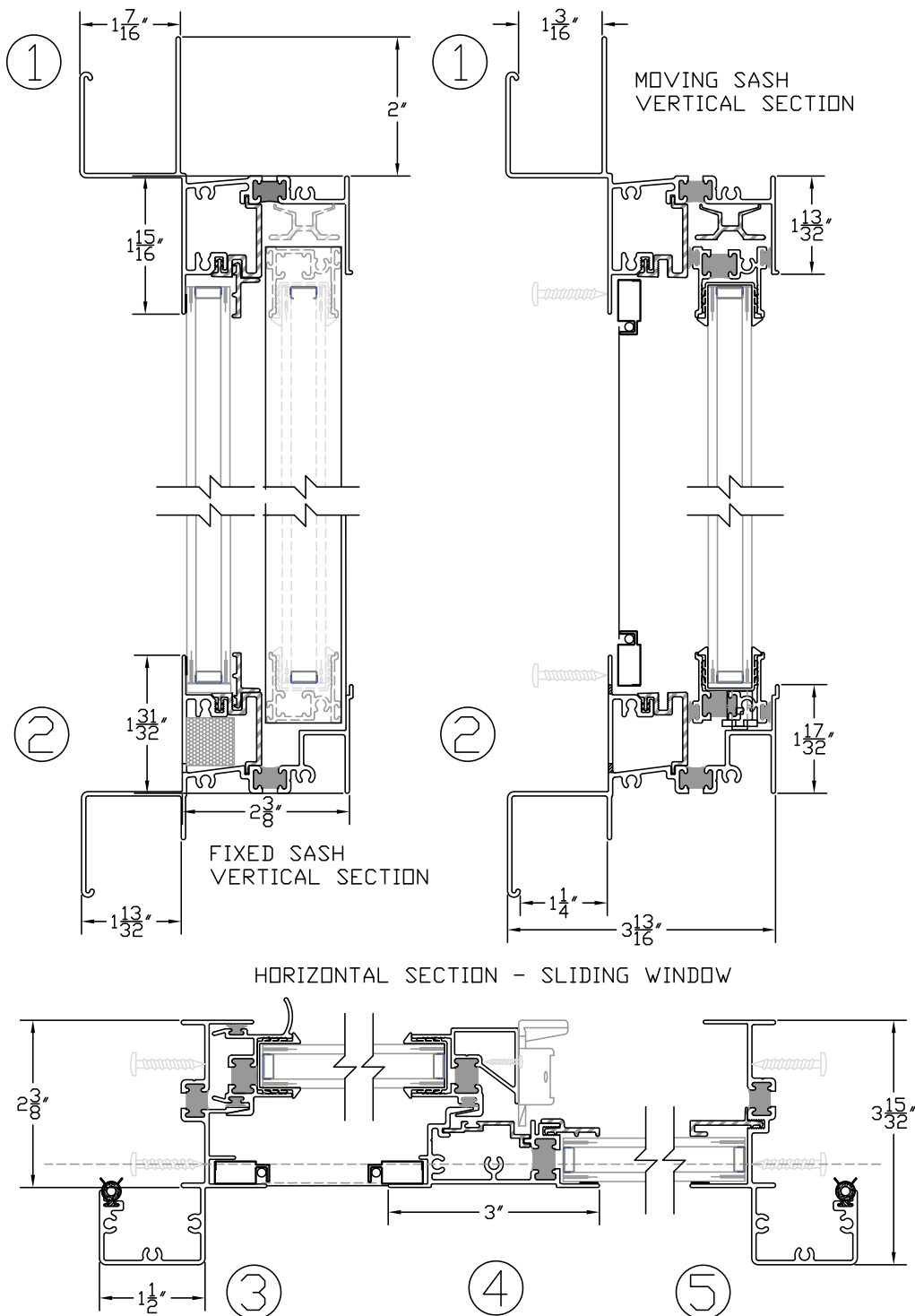
CTB-510 HS EXTERIOR



CTB-510 HT EXTERIOR

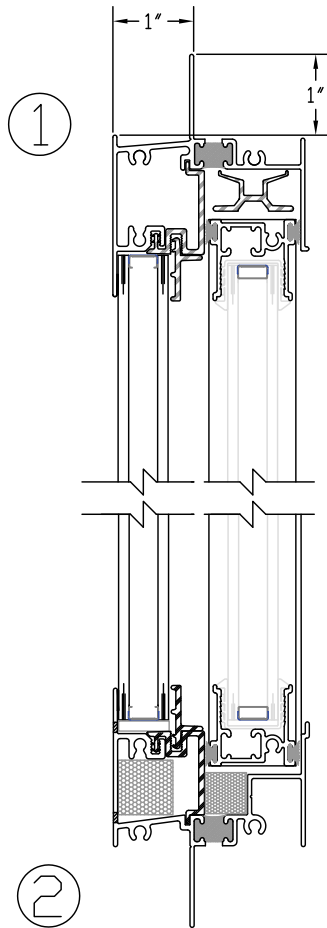
CTB Commercial Aluminum Window

Series 500 SHS Horizontal Slider - Step Saver Details

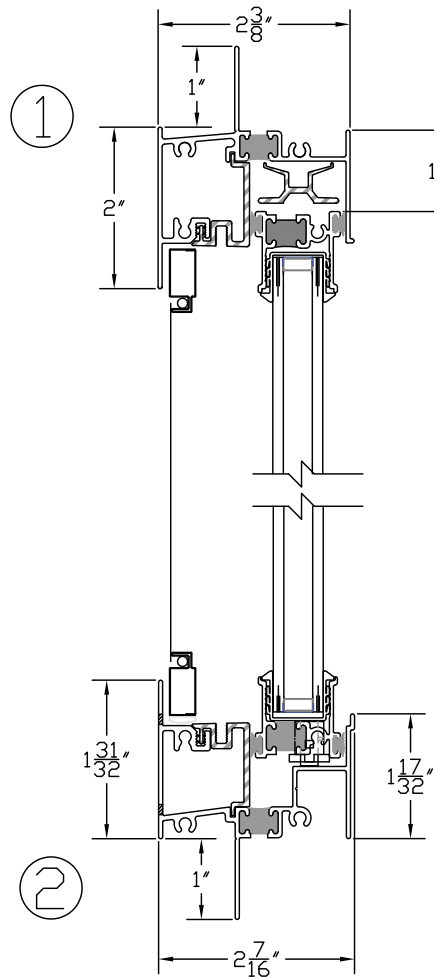


CTB Commercial Aluminum Window

Series 510 HS Horizontal Slider Details - Nailing Fin

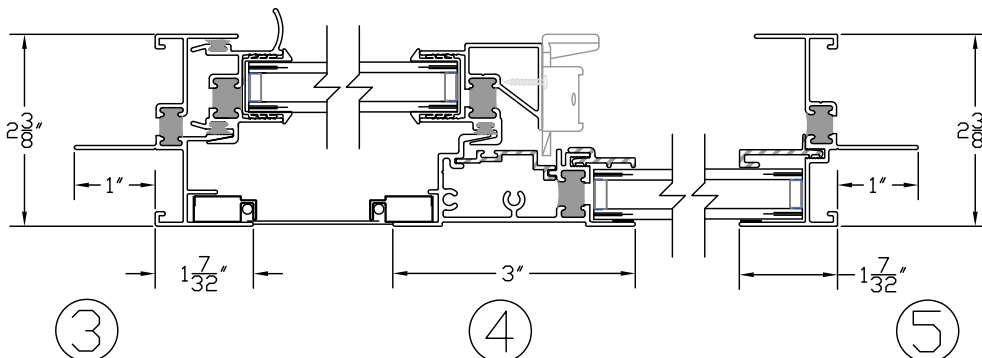


FIXED SASH
VERTICAL SECTION



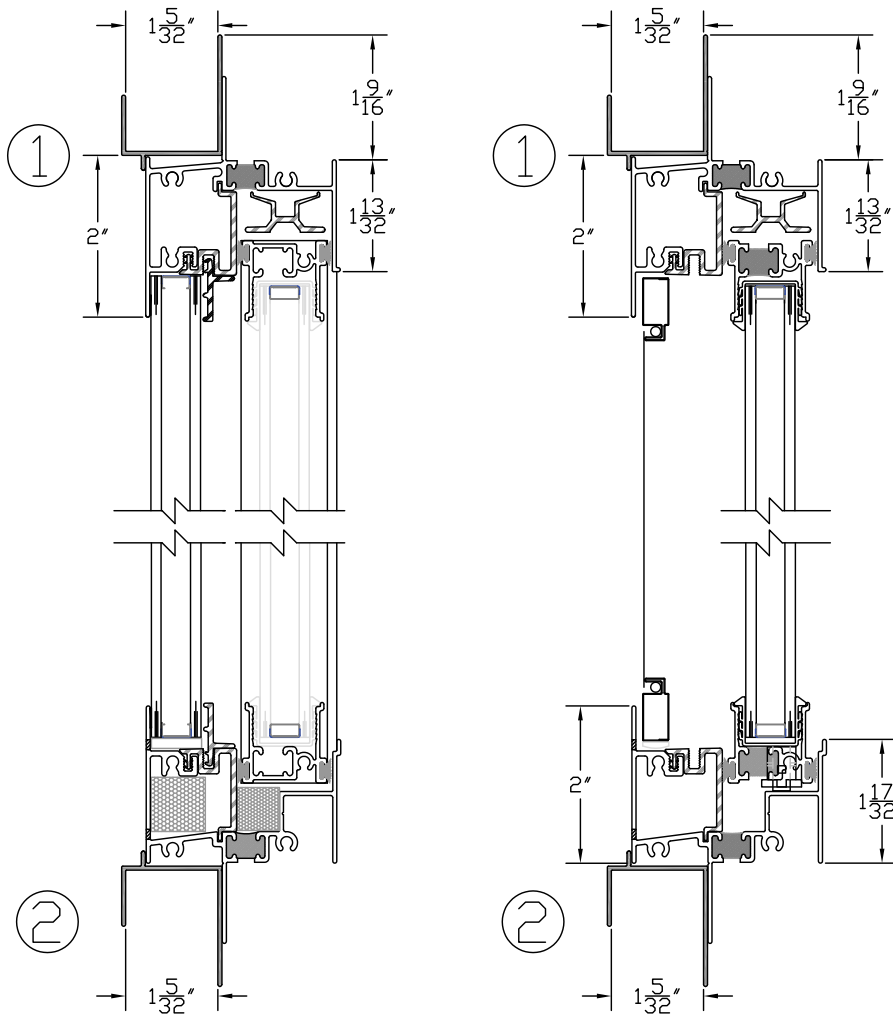
MOVING SASH
VERTICAL SECTION

HORIZONTAL SECTION - SLIDING WINDOW



CTB Commercial Aluminum Window

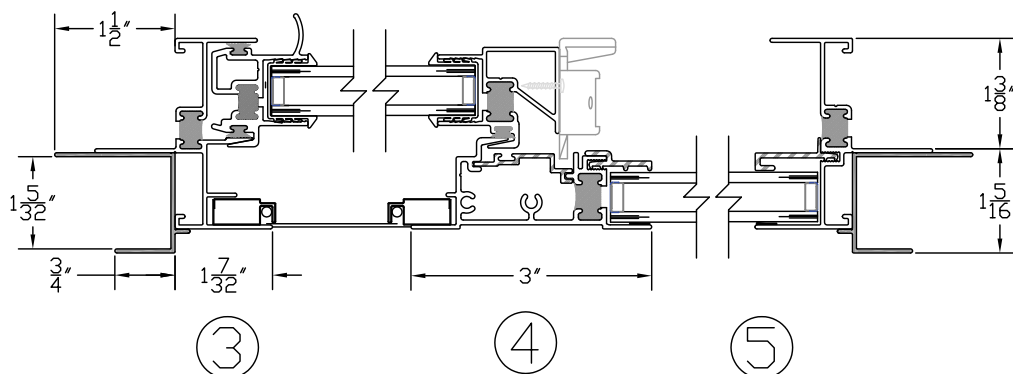
Series 510 JHS Attached J Horizontal Slider



FIXED SASH
VERTICAL SECTION

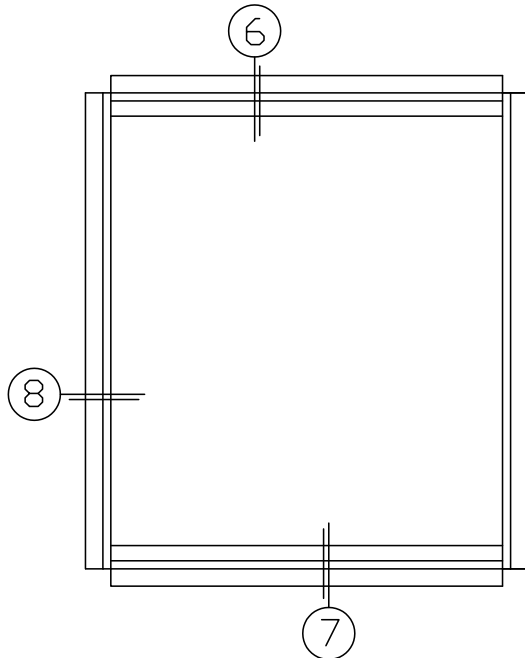
MOVING SASH
VERTICAL SECTION

HORIZONTAL SECTION - SLIDING WINDOW

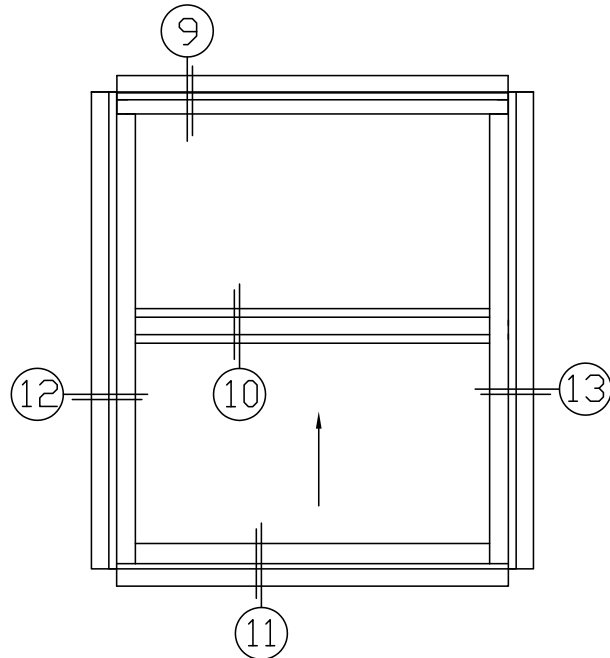


CTB Commercial Aluminum Window

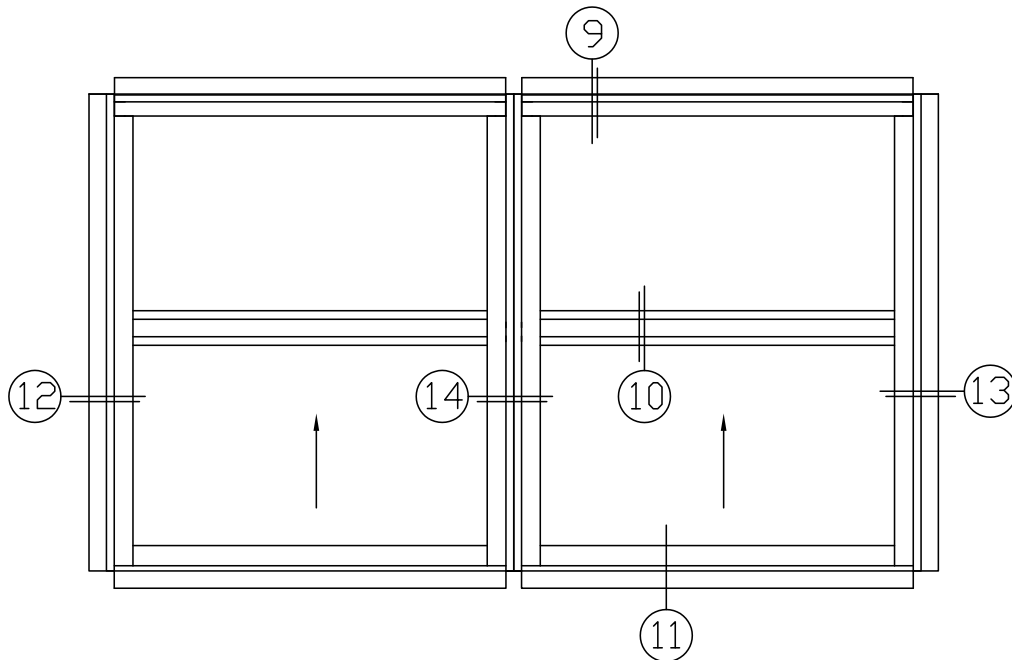
Fixed & Vertical Single Hung Elevation Drawings



CTB-540 FL EXTERIOR

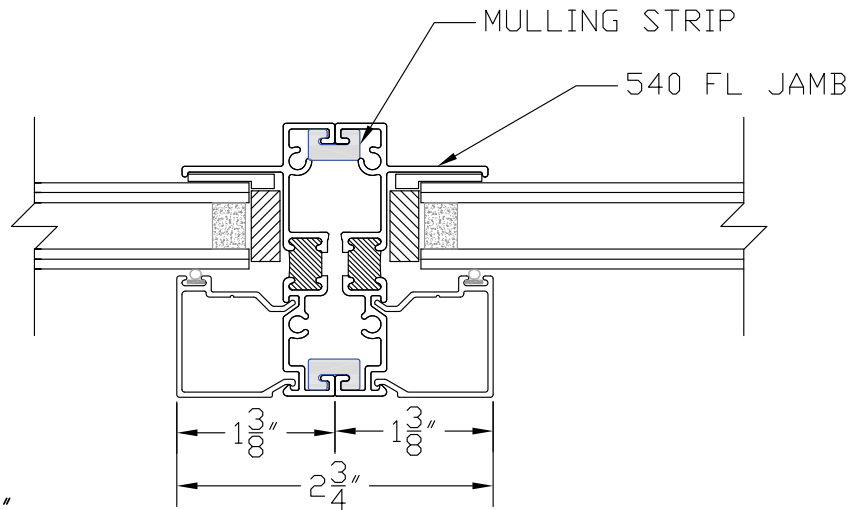


CTB-520 VSH EXTERIOR

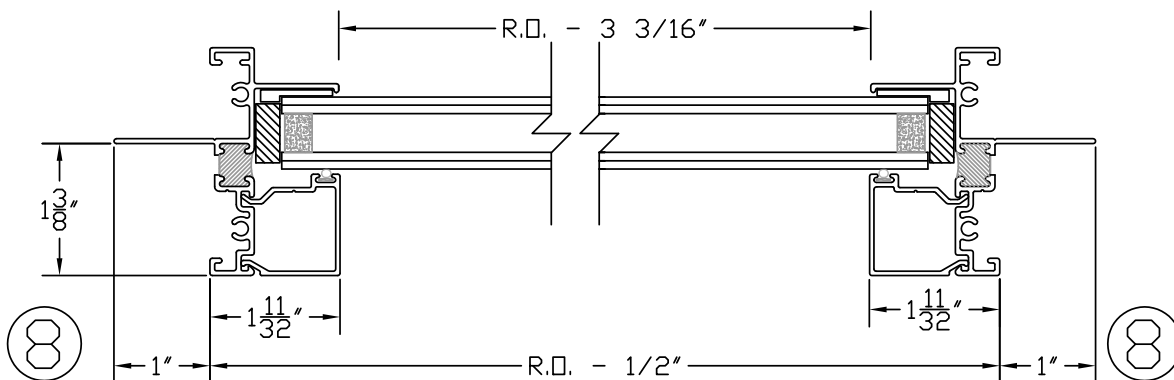


(2) CTB-520 VSH EXTERIOR
MULLED TOGETHER AT SITE

Series 540 FL Fixed Lite Nailing Flange Window



SERIES 540 FIXED LITE MULLING DETAIL

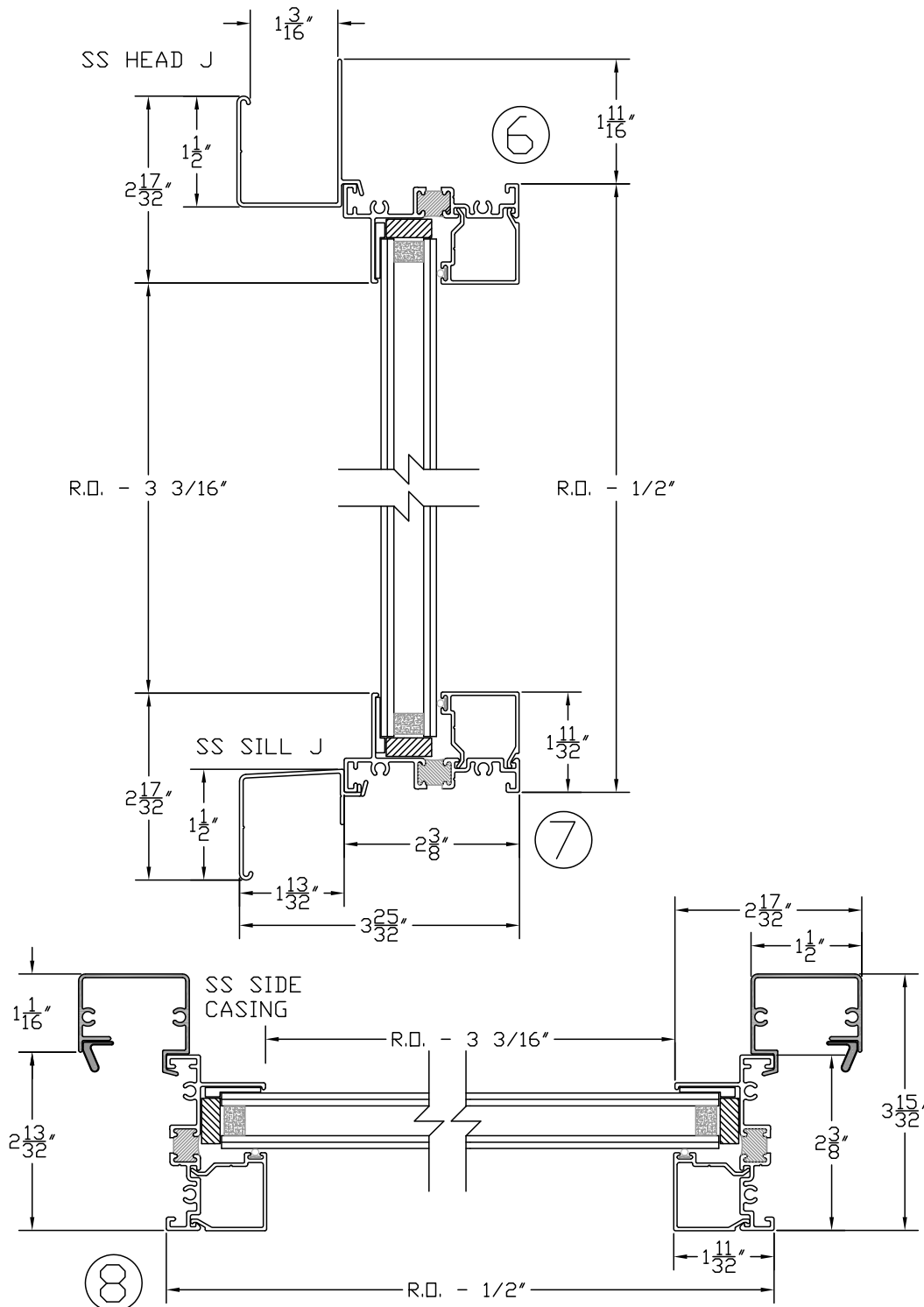


Series 540 JFL Attached J Fixed Lite Window



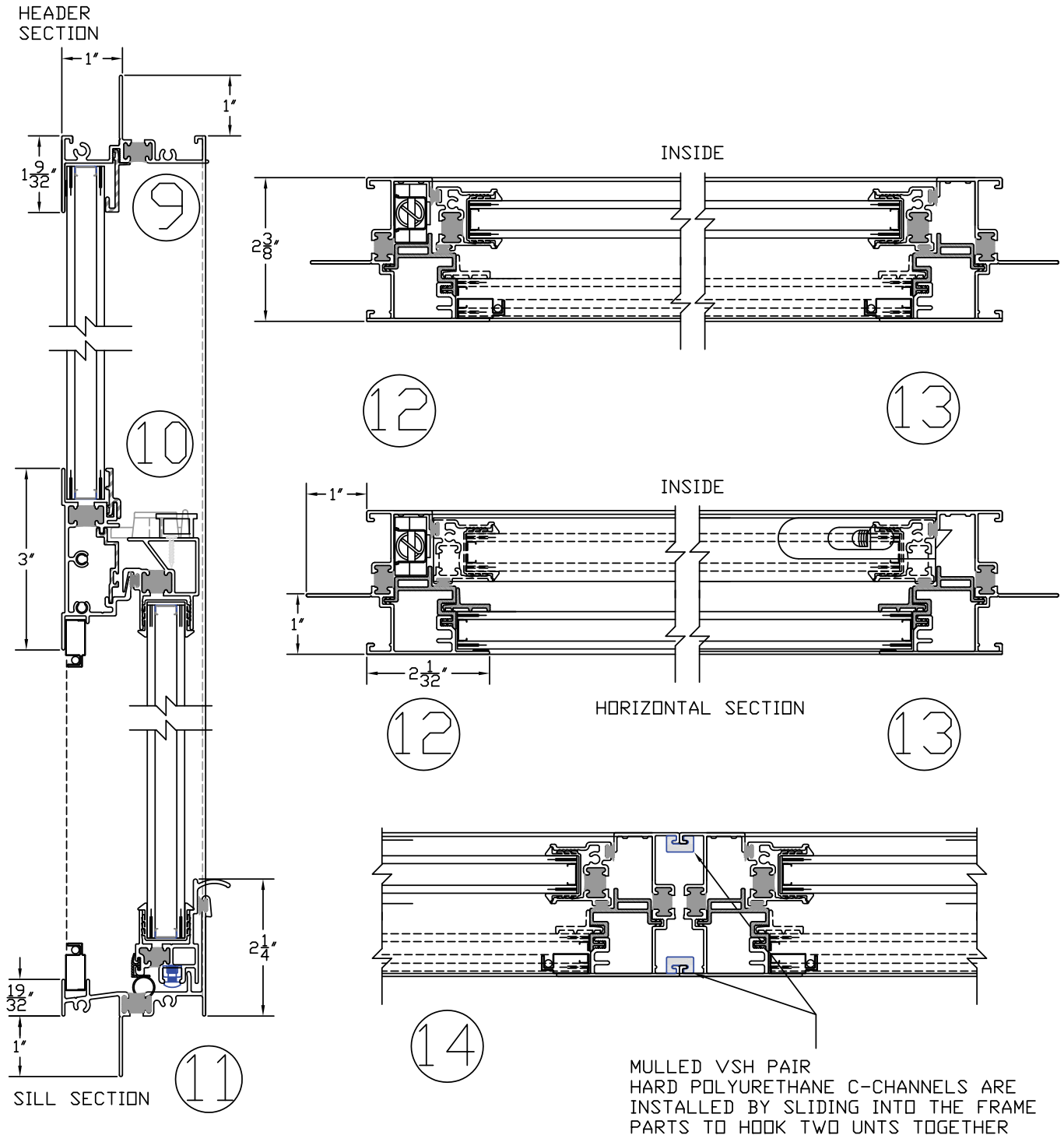
CTB Commercial Aluminum Window

Series 540 SFL Step-Saver Fixed Lite Window



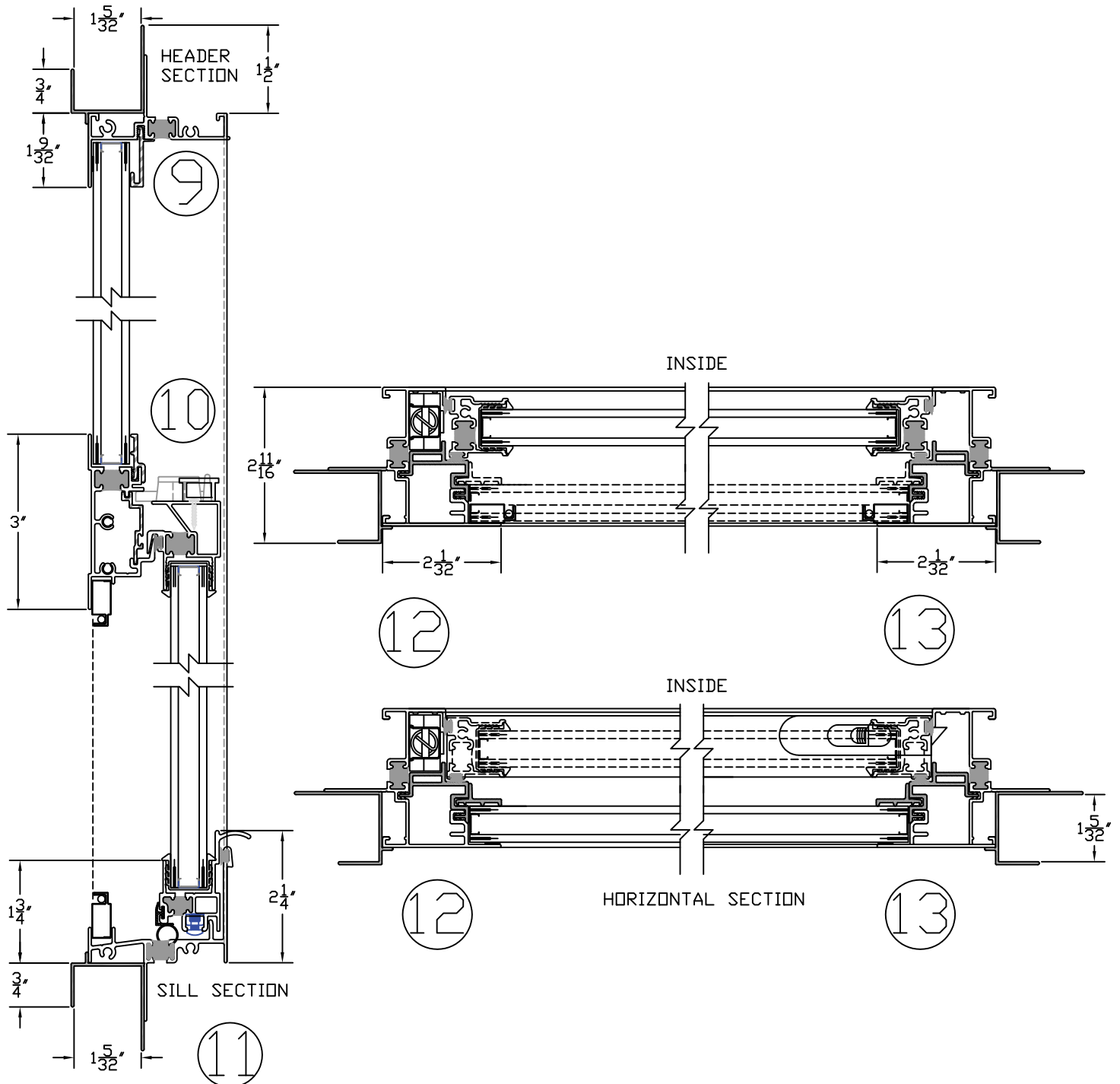
CTB Commercial Aluminum Window

Series 520 VSH Vertical Single Hung Details Nailing Fin



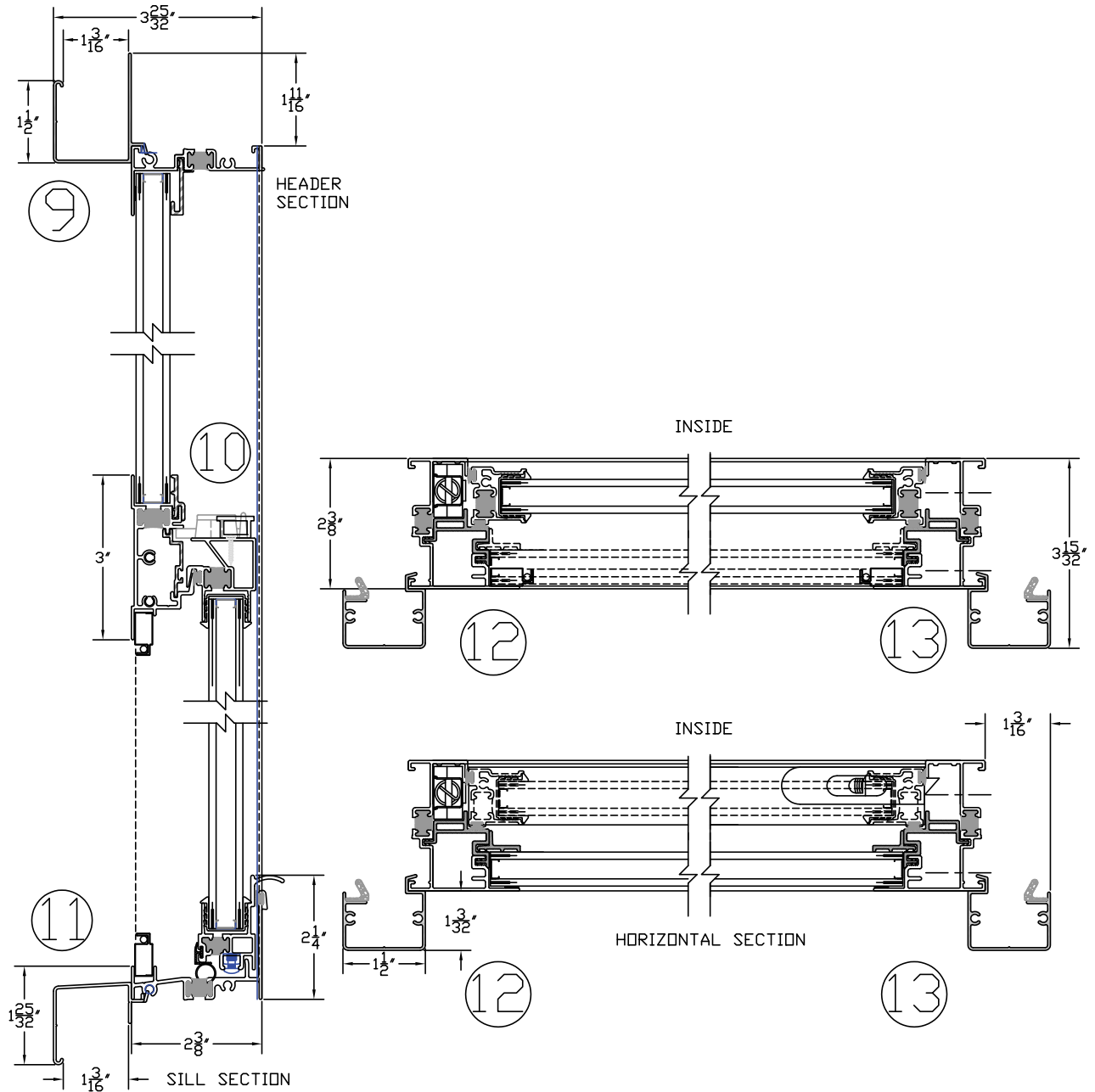
CTB Commercial Aluminum Window

Series 520 JVSH Vertical Single Hung with J Trim



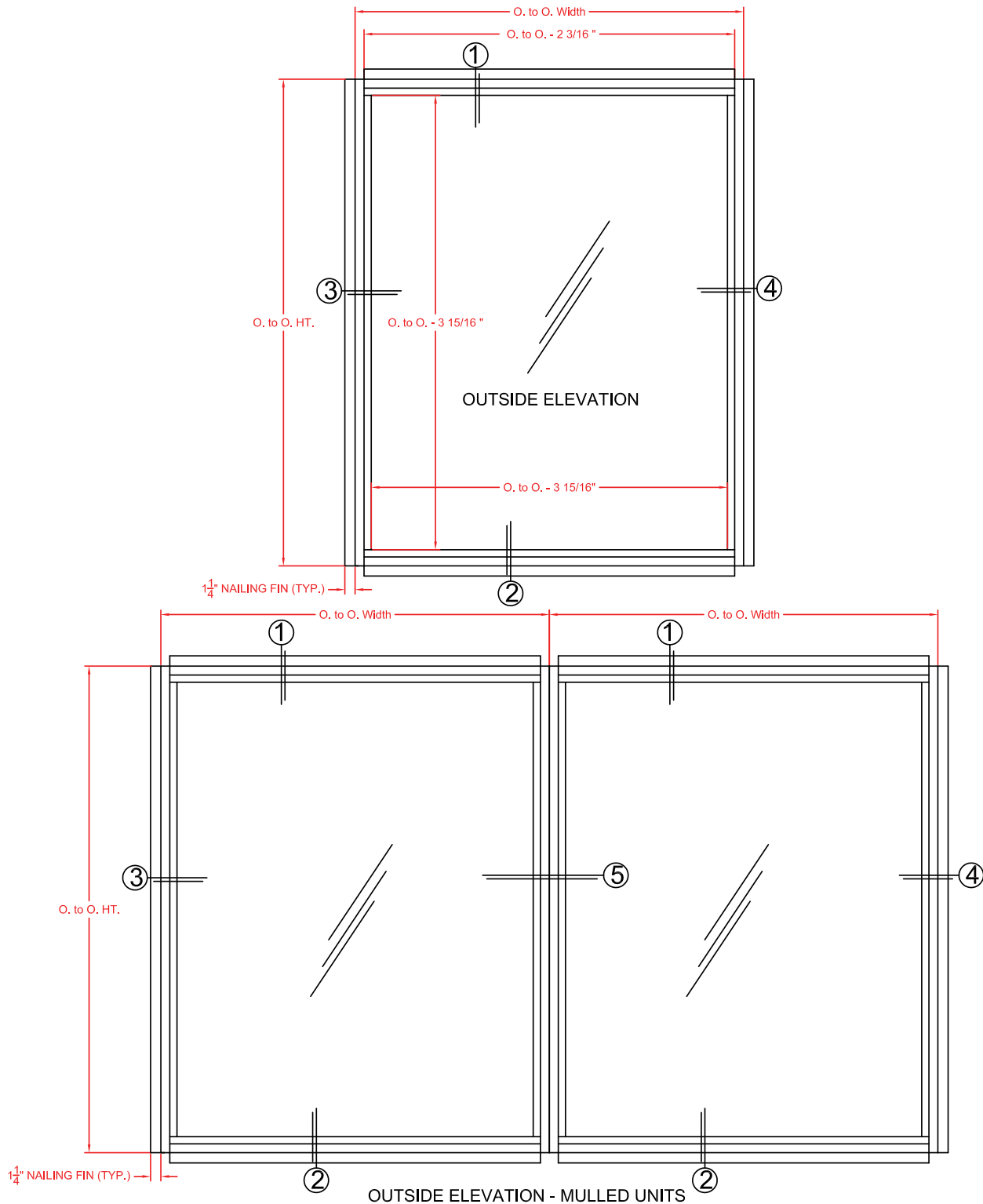
CTB Commercial Aluminum Window

Series 520 SVHS Vertical Single Hung Step Saver



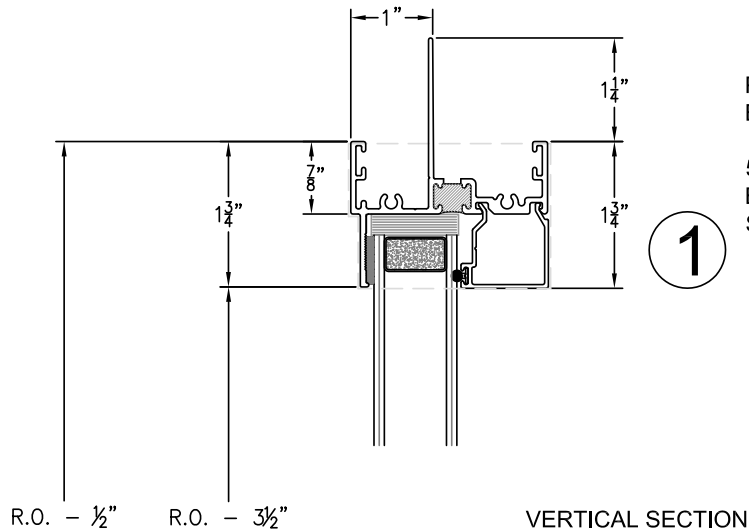
CTB Commercial Aluminum Window

Series 550 FL Fixed Lited Window



CTB Commercial Aluminum Window

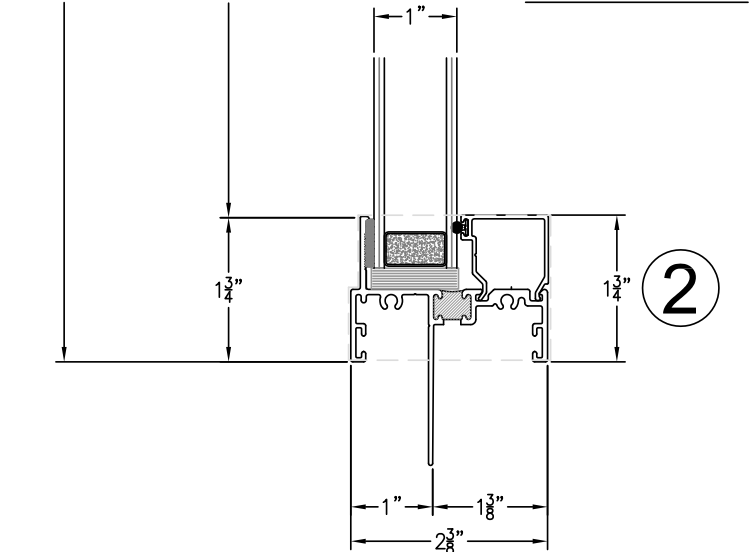
Series 550 FL Fixed Lite Window with Nailing Fin



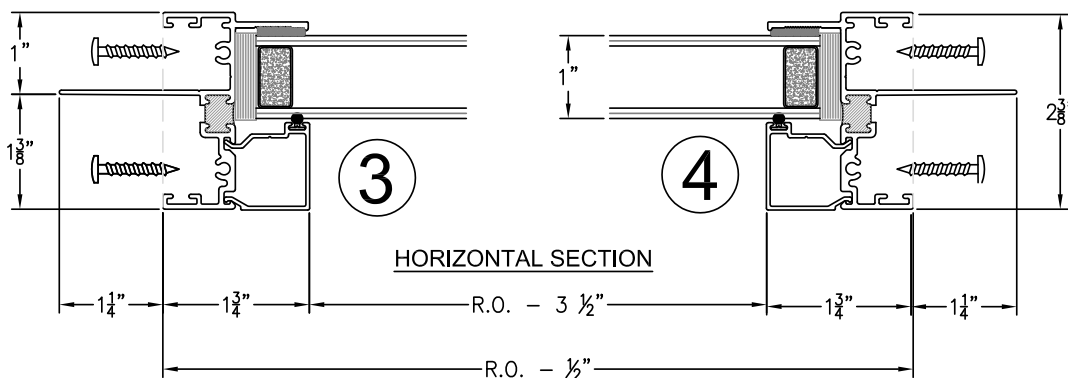
PLYCO / TRIMLINE WINDOW
ELKHART LAKE, WI 53020

550 FL ALUMINUM THERMAL
BREAK WINDOW - 1" I.G.
SCALE 1:2 10-6-2013 ACG

1



2



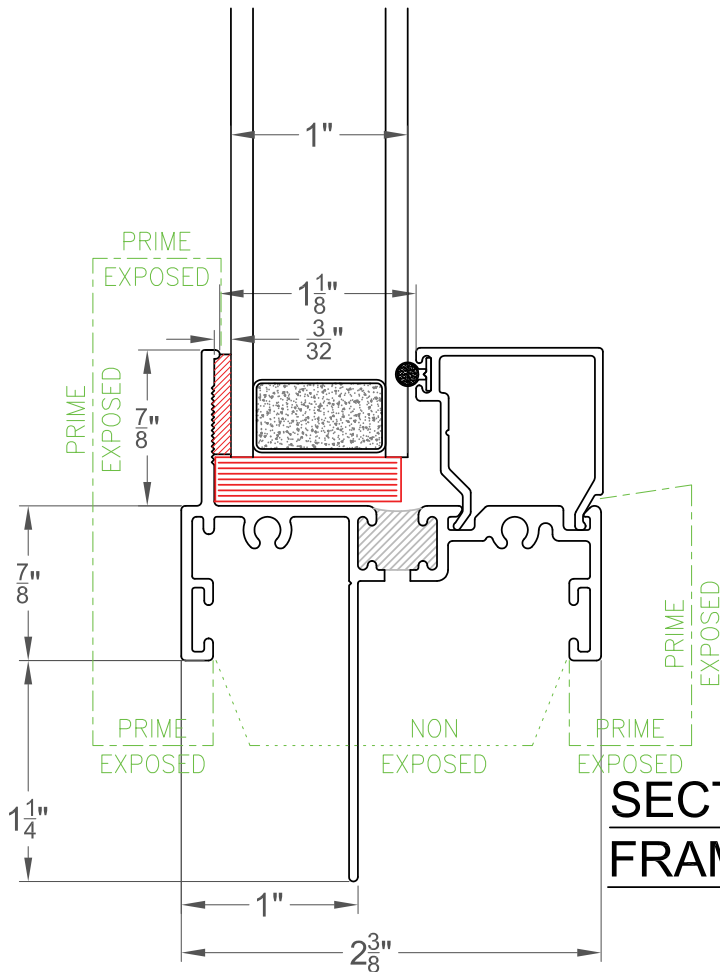
3

4

HORIZONTAL SECTION

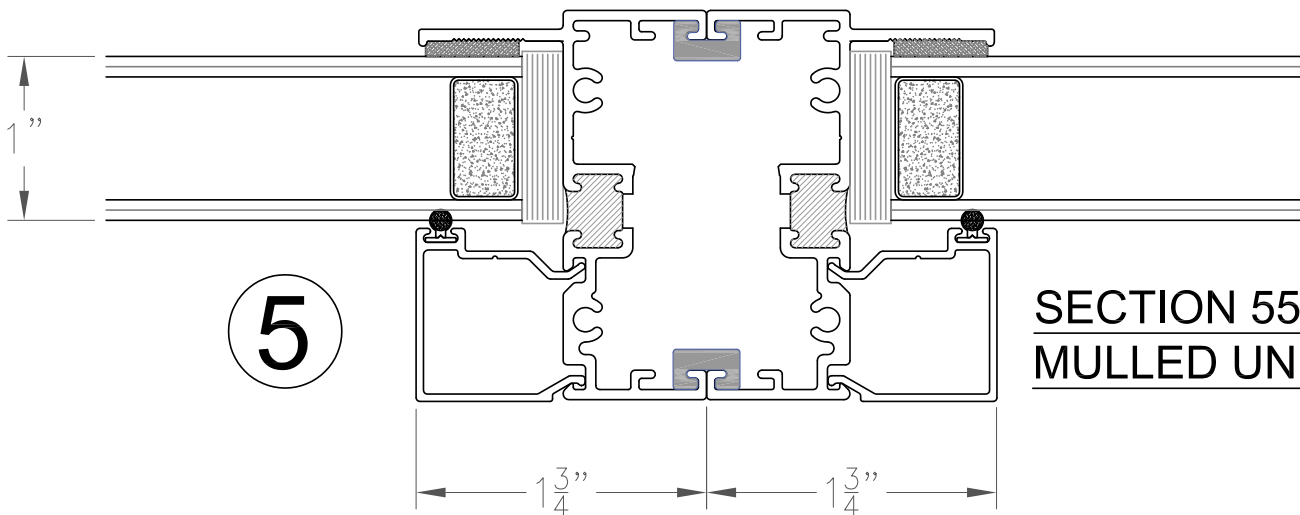
CTB Commercial Aluminum Window

Series 550 FL Fixed Lited Window Details



SECTION 550 FL Frame
FRAME SAME ALL AROUND

2



5

SECTION 550 FL Frame
MULLER UNITS

CTW 550 Commercial Aluminum Window

SPECIFICATIONS

Series 550 Fixed Lite Thermal Window

Plyco Trimline Windows Series 550 FL is a 2 3/8" Commercial grade fixed lite window with high performance capabilities. The Series 550 has a poured and debridged thermal break. The Series 540FL & 550 FL fixed windows complements the Series 510 & 520 windows in horizontal or stacked and mulled configurations.

SECTION 08520 ALUMINUM WINDOWS

PART 1: GENERAL

1.01 Work Included

A. Furnish and install commercial aluminum windows complete with hardware & related components as shown on drawings and specified in this section.

B. All windows shall be Plyco Trimline Windows Series 550 FL Fixed Lite Picture Windows. Other manufactures requesting approval to bid their product as an equal must submit the following information fifteen days prior to close of bidding.

* Plyco Trimline Model:

- 550 FL

1. Sample window * STATE SIZE AND CONFIGURATION *

2. Test reports and AAMA Notices of Certification documenting compliance with the requirements of Section 1.04.

C. Glass and Glazing

* Specify glass and glazing in this section if window assemblies are to be glazed by the window manufacturer. If glazing is to be done by a different contractor, glass and glazing should be specified in section 08800. Plyco Trimline Windows recommends that the window manufacturer perform the glazing. *

1.02 Related Work

1.03 Items Furnished but not Installed

1.04 Testing and Performance Requirements

A. Test Unit

1. Air, water and structural test unit sizes and configurations shall conform to the requirements set forth in AAMA/WDMA/CSA101/I.S.2/A440.

SPECIFICATIONS CONTINUED

B. Test Procedures and Performance

1. Windows shall conform to all AAMA/WDMA/CSA101/I.S.2/A440-08 LC-30 requirements for the window type referenced in 1.01B. In addition, the following specific performance requirements shall be met.

2. Air infiltration Test

a. With window sash and ventilator closed and locked, test the unit in accordance with ASTM

CTW 550 Commercial Aluminum Window

E 283 at static air pressure difference of 1.57 psf. (25 mph)

b. Air infiltration shall not exceed 0.20 cfm per square foot.

3. Water Resistance Test

a. With window sash and ventilator closed and locked, test unit in accordance with ASTM E 547 at static air pressure difference of 6.41 psf.

b. There shall be no uncontrolled water leakage.

4. Uniform Load Structural Test

a. With window sash and ventilator closed and locked, test unit in accordance with ASTM E 330 at a static air pressure difference of 45 psf positive pressure and 45 psf negative pressure.

b. At the conclusion of test there shall be no glass breakage, permanent damage to fasteners, hardware parts, support arms or operating mechanism, nor any other damage, which would cause the window to be inoperable.

1.05 Quality Assurance

A. Provide test reports from AAMA accredited labs certifying the performance as specified in 1.04.

B. Participate in an active third-party inspection / AAMA labeling program.

1.06 References

1.07 Submittals

A. Contractors shall submit shop drawings, finish samples, test reports, and warranties.

1. Samples of materials as may be requested without cost to owner, i.e., Metal, Glass, Fasteners, Anchors, Frame Sections, Mullion Sections, Corner Sections, etc.

1.08 Delivery, Storage, and Handling

1.09 Warranties

A. Total Window System

1. The responsible contractor shall assume full responsibility and warrant for one year the satisfactory performance of the total window installation which includes that of the windows, glass (including insulated units), glazing, anchorage, and setting system, sealing, flashing, etc. it relates to air, water, and structural adequacy as called for in the specifications and approved shop drawings.

2. Any deficiencies due to such elements not meeting the specifications shall be corrected by the responsible contractor at his expense during the warranty period.

SPECIFICATIONS CONTINUED

PART 2: PRODUCT

2.01 Materials

A. Aluminum - Extruded aluminum shall be 6063-T5 alloy and temper.

B. Hardware

1. None.

CTW 550 Commercial Aluminum Window

1. All sashes shall consist of a double weather- stripping: One on the exterior face of window and one on interior face of sash. Weather- stripping shall be a wool-pile / fin-seal as manufactured by Ames-bury Seal.

D. Glass and Glazing

Plyco Trimline Windows recommends that the window manufacturer finish and factory glaze the glass as specified by the architect. For this reason it is desirable that glass and glazing be part of this section. The 500 Horizontal Slider and 510 Horizontal Slider and 520 Vertical Hung are available with 5/8" insulated glazing. The Series 540 FL window has 3/4" insulated glazing, and the Series 550 FL window has 1" glazing. Please contact Plyco Trimline Windows if other than the listed glazing is required.

Low-E and tinted glass options are available.

Tempered glass is available in insulated glass.

E. Thermal Barrier

1. Barrier material shall be poured-in-place two-part polyurethane. A non-structural thermal barrier is unacceptable.

2.02 Fabrication

A. General

1. All aluminum frame members and sash extrusions shall have a minimum wall thickness of .062".
2. Mechanical fasteners, welded components and hardware items shall not bridge thermal barriers. Thermal barriers shall align at all frame and sash corners.
3. Depth of frame shall not be less than 2 3/8".

B. Frame

1. Frame components shall be mechanically fastened.

C. Sash

1. All sash components shall be 6063-T5 extruded aluminum alloy.
2. Each corner shall be square cut, tooled and mechanically fastened with screws.
3. Each sash shall have two rows of weather- stripping. Type listed in section 2.01.C.1.

D. Screens (None)

AAMA Performance

12-27-2017

Label / Class	Series	Description	Style	A440-08 Class / Performance Grade	Negative Design Pressure	Maximum Size in Grade	Air Infiltration Test cfm/s.f.	Water Penetration Test Pressure	Maximum Size in Optional Performance
LC-PG30- 72 x 60 - HS	500	HS	Horizontal Slider Step-Saver	LC-30	-30psf	72 x 60	0.18	4.60	72 x 60
LC-PG30- 72 x 60 - HS	510	HS	Horizontal Slider Nailing Fin	LC-30	-30 psf	72 x 60	0.18	4.60	72 x 60
LC-PG30- 48 x 84 - H	520	H (VSH)	Vertical Single Hung Nailing Fin	LC-30	-30 psf	48 x 84	0.26	4.60	48 x 84
CW-PG-40-FW	540	FW-annealed	Fixed Windows Standard Glass	CW-40	-40 psf	60 x 60	< .01	6.06	60 x 60
CW-PG-40-FW	550	FW-annealed	Fixed Windows Standard Glass	CW-40	-40 psf	84 x 60 60 x 84	< .01	7.52	84 x 60 60 x 84
CW-PG-40-FW	550	FW-tempered	Fixed Windows Tempered Glass	CW-40	-40 psf	96 x 60 60 x 96	< .01	7.52	96 x 60 60 x 96

NFRC Performance

				U-Factor		SHGC (Solar Heat Gain Coefficient)		VT (Visible Transmittance)	
Label / Class	Series	Description	NFRC 100-01 Thermal Cert.	CTB Clear / Air	CTBE Lo-E Argon & SS	CTB Clear / Air	CTBE Lo-E Argon & SS	CTB Clear / Air	CTBE Lo-E Argon & SS
LC-PG30- 72 x 60 - HS	500	HS	Yes	0.59	0.38	0.65	0.35	0.68	0.59
LC-PG30- 72 x 60 - HS	510	HS	Yes	0.59	0.38	0.65	0.35	0.68	0.59
LC-PG30- 48 x 84 - H	520	H (VSH)	Yes	0.58	0.38	0.65	0.35	0.67	0.58
CW-PG-40-FW	540	FW-annealed	Yes	0.53	0.31	0.72	0.38	0.75	0.65
CW-PG-40-FW	550	FW-annealed	Yes	0.54	0.33	0.72	0.38	0.75	0.65
CW-PG-40-FW	550	FW-tempered	Yes	0.54	0.33	0.72	0.38	0.75	0.65

Lo-E = Low emmissivity coating on surface #2)

SS = Super Spacer (warm edge technology)

CTB Commercial Aluminum Window

Series 500 CTB SHS Commercial Aluminum Windows

Fully Assembled • Thermally Broken • 5/8" Insulating Double Pane Glass

PW = Polar White CB = Chocolate Brown HM = Hickory Moss BZ = Bronze

Other sizes are available. Call for additional information.

Series 500 Commercial Aluminum Windows

Fully Assembled • Thermally Broken • 5/8" Insulating Double Pane Glass

PW = Polar White CB = Chocolate Brown HM = Hickory Moss BZ = Bronze

Series	Part Numbers	R.O. Sizes	Actual Sizes		Frame	Packaged Sizes		
			Width	Height		W	H	D
500	CTB 2020 SHS	24" x 24"	23 1/2"	23 1/2"	2 3/8"	27"	27"	5"
500	CTB 3020 SHS	36" x 24"	35 1/2"	23 1/2"	2 3/8"	39"	27"	5"
500	CTB 3030 SHS	36" x 36"	35 1/2"	35 1/2"	2 3/8"	39"	39"	5"
500	CTB 3040 SHS	36" x 48"	35 1/2"	47 1/2"	2 3/8"	39"	51 1/4"	5"
500	CTB 4020 SHS	48" x 24"	47 1/2"	23 1/2"	2 3/8"	51 1/4"	27"	5"
500	CTB 4030 SHS	48" x 36"	47 1/2"	36 1/2"	2 3/8"	51 1/4"	39"	5"
500	CTB 4040 SHS	48" x 48"	47 1/2"	47 1/2"	2 3/8"	51 1/4"	51 1/4"	5"
500	CTB 4050 SHS	48" x 60"	47 1/2"	59 1/2"	2 3/8"	51 1/4"	63 1/4"	5"
500	CTB 5020 SHS	60" x 24"	59 1/2"	23 1/2"	2 3/8"	63 1/4"	27"	5"
500	CTB 5030 SHS	60" x 36"	59 1/2"	36 1/2"	2 3/8"	63 1/4"	39"	5"
500	CTB 5040 SHS	60" x 48"	59 1/2"	47 1/2"	2 3/8"	63 1/4"	51 1/4"	5"
500	CTB 5050 SHS	60" x 60"	59 1/2"	59 1/2"	2 3/8"	63 1/4"	63 1/4"	5"
500	CTB 6020 SHS	72" x 24"	71 1/2"	23 1/2"	2 3/8"	75 1/4"	27"	5"
500	CTB 6030 SHS	72" x 36"	71 1/2"	35 1/2"	2 3/8"	75 1/4"	39"	5"
500	CTB 6040 SHS	72" x 48"	71 1/2"	47 1/2"	2 3/8"	75 1/4"	51 1/4"	5"
500	CTB 6050 SHS	72" x 60"	71 1/2"	59 1/2"	2 3/8"	75 1/4"	63 1/4"	5"

CTB Commercial Aluminum Window

Series 510 CTB HS Commercial Aluminum Windows

Fully Assembled • Thermally Broken • 5/8" Insulating Double Pane Glass

PW = Polar White CB = Chocolate Brown HM = Hickory Moss BZ = Bronze

Other sizes are available. Call for additional information.

Series 510 Commercial Aluminum Windows

Fully Assembled • Thermally Broken • 5/8" Insulating Double Pane Glass

PW = Polar White CB = Chocolate Brown HM = Hickory Moss BZ = Bronze

Series	Part Numbers	R.O. Sizes	Actual Sizes		Frame	Packaged		D
			Width	Height		W	H	
510	CTB 2020 HS	24" x 24"	23 1/2"	23 1/2"	2 3/8"	27"	27"	3 1/2"
510	CTB 3020 HS	36" x 24"	35 1/2"	23 1/2"	2 3/8"	39"	27"	3 1/2"
510	CTB 3030 HS	36" x 36"	35 1/2"	35 1/2"	2 3/8"	39"	39"	3 1/2"
510	CTB 3040 HS	36" x 48"	35 1/2"	47 1/2"	2 3/8"	39"	51 1/4"	3 1/2"
510	CTB 4020 HS	48" x 24"	47 1/2"	23 1/2"	2 3/8"	51 1/4"	27"	3 1/2"
510	CTB 4030 HS	48" x 36"	47 1/2"	36 1/2"	2 3/8"	51 1/4"	39"	3 1/2"
510	CTB 4040 HS	48" x 48"	47 1/2"	47 1/2"	2 3/8"	51 1/4"	51 1/4"	3 1/2"
510	CTB 4050 HS	48" x 60"	47 1/2"	59 1/2"	2 3/8"	51 1/4"	63 1/4"	3 1/2"
510	CTB 5020 HS	60" x 24"	59 1/2"	23 1/2"	2 3/8"	63 1/4"	27"	3 1/2"
510	CTB 5030 HS	60" x 36"	59 1/2"	36 1/2"	2 3/8"	63 1/4"	39"	3 1/2"
510	CTB 5040 HS	60" x 48"	59 1/2"	47 1/2"	2 3/8"	63 1/4"	51 1/4"	3 1/2"
510	CTB 5050 HS	60" x 60"	59 1/2"	59 1/2"	2 3/8"	63 1/4"	63 1/4"	3 1/2"
510	CTB 6020 HS	72" x 24"	71 1/2"	23 1/2"	2 3/8"	75 1/4"	27"	3 1/2"
510	CTB 6030 HS	72" x 36"	71 1/2"	35 1/2"	2 3/8"	75 1/4"	39"	3 1/2"
510	CTB 6040 HS	72" x 48"	71 1/2"	47 1/2"	2 3/8"	75 1/4"	51 1/4"	3 1/2"
510	CTB 6050 HS	72" x 60"	71 1/2"	59 1/2"	2 3/8"	75 1/4"	63 1/4"	3 1/2"

CTB Commercial Aluminum Window

Series 520 CTB VSH Commercial Aluminum Windows

Fully Assembled • Thermally Broken • 5/8" Insulating Double Pane Glass

PW = Polar White CB = Chocolate Brown HM = Hickory Moss BZ = Bronze

Other sizes are available. Call for additional information.

Series 520 Commercial Aluminum Windows

Fully Assembled • Thermally Broken • 5/8" Insulating Double Pane Glass

PW = Polar White CB = Chocolate Brown HM = Hickory Moss BZ = Bronze

Series	Part Numbers	R.O. Sizes	Actual Sizes		Frame	Packaged	Sizes		
			Width	Height			W	H	D
520	CTB 2020 VSH	24" x 24"	23 1/2"	23 1/2"	2 3/8"	27"	27"	3 1/2"	
520	CTB 2030 VSH	24" x 36"	23 1/2"	35 1/2"	2 3/8"	27"	39"	3 1/2"	
520	CTB 2040 VSH	24" x 48"	23 1/2"	47 1/2"	2 3/8"	27"	51 1/4"	3 1/2"	
520	CTB 2050 VSH	24" x 60"	23 1/2"	23 1/2"	2 3/8"	27"	63 1/4"	3 1/2"	
520	CTB 2453 VSH	28" x 63"	27 1/2"	62 1/2"	2 3/8"	31"	66"	3 1/2"	
520	CTB 3020 VSH	36" x 24"	35 1/2"	23 1/2"	2 3/8"	39"	27"	3 1/2"	
520	CTB 3030 VSH	36" x 36"	35 1/2"	35 1/2"	2 3/8"	39"	39"	3 1/2"	
520	CTB 3040 VSH	36" x 48"	35 1/2"	47 1/2"	2 3/8"	39"	51 1/4"	3 1/2"	
520	CTB 3050 VSH	36" x 60"	35 1/2"	59 1/2"	2 3/8"	39"	63 1/4"	3 1/2"	
520	CTB 4040 VSH	48" x 48"	47 1/2"	47 1/2"	2 3/8"	51 1/4"	51 1/4"	3 1/2"	
520	CTB 4050 VSH	48" x 60"	47 1/2"	59 1/2"	2 3/8"	51 1/4"	63 1/4"	3 1/2"	
520	CTB 4060 VSH	48" x 72"	47 1/2"	71 1/2"	2 3/8"	51 1/4"	75 1/4"	3 1/2"	
520	CTB 4070 VSH	48" x 84"	47 1/2"	83 1/2"	2 3/8"	51 1/4"	87 1/4"	3 1/2"	

CTB Commercial Aluminum Window

Series 530 CTB HT Commercial Aluminum Windows

Fully Assembled • Thermally Broken • 5/8" Insulating Double Pane Glass

PW = Polar White CB = Chocolate Brown HM = Hickory Moss BZ = Bronze

Other sizes are available. Call for additional information.

Series	Part Numbers	R.O. Sizes	Actual Sizes			Packaged	Sizes	
			Width	Height	Frame	W	H	D
510	CTB 7020 HT	84" x 24"	83 1/2"	23 1/2"	2 3/8"	87 1/4"	27"	3 1/2"
510	CTB 7030 HT	84" x 36"	83 1/2"	35 1/2"	2 3/8"	87 1/4"	39"	3 1/2"
510	CTB 7040 HT	84" x 48"	83 1/2"	47 1/2"	2 3/8"	87 1/4"	51 1/4"	3 1/2"
510	CTB 8020 HT	96" x 24"	95 1/2"	23 1/2"	2 3/8"	99 1/4"	27"	3 1/2"
510	CTB 8030 HT	96" x 36"	95 1/2"	35 1/2"	2 3/8"	99 1/4"	39"	3 1/2"
510	CTB 8040 HT	96" x 48"	95 1/2"	47 1/2"	2 3/8"	99 1/4"	51 1/4"	3 1/2"



CTB Commercial Aluminum Window

Series 540 CTB FL Commercial Aluminum Windows

Fully Assembled • Thermally Broken • 3/4" Insulating Double Pane Glass
 PW = Polar White CB = Chocolate Brown HM = Hickory Moss BZ = Bronze

Other sizes are available. Call for additional information.

Series 540 Commercial Aluminum Windows

Fully Assembled • Thermally Broken • 3/4" Insulating Double Pane Glass

PW = Polar White CB = Chocolate Brown HM = Hickory Moss BZ = Bronze

Series	Part Numbers	R.O. Sizes	Actual Sizes		Frame	Packaged W	Packaged Sizes	
			Width	Height			H	D
540	CTB 2040 FL	24" x 48"	23 1/2"	47 1/2"	2 3/8"	27"	51 1/4"	3 1/2"
540	CTB 2050 FL	24" x 60"	23 1/2"	59 1/2"	2 3/8"	27"	63 1/4"	3 1/2"
540	CTB 2060 FL	24" x 72"	23 1/2"	71 1/2"	2 3/8"	27"	75 1/4"	3 1/2"
540	CTB 3020 FL	36" x 24"	35 1/2"	23 1/2"	2 3/8"	39"	27"	3 1/2"
540	CTB 3030 FL	36" x 36"	35 1/2"	35 1/2"	2 3/8"	39"	39"	3 1/2"
540	CTB 3040 FL	36" x 48"	35 1/2"	47 1/2"	2 3/8"	39"	51 1/4"	3 1/2"
540	CTB 3050 FL	36" x 60"	35 1/2"	59 1/2"	2 3/8"	39"	63 1/4"	3 1/2"
540	CTB 4020 FL	48" x 24"	47 1/2"	23 1/2"	2 3/8"	51 1/4"	27"	3 1/2"
540	CTB 4030 FL	48" x 36"	47 1/2"	35 1/2"	2 3/8"	51 1/4"	39"	3 1/2"
540	CTB 4040 FL	48" x 48"	47 1/2"	47 1/2"	2 3/8"	51 1/4"	51 1/4"	3 1/2"
540	CTB 5030 FL	60" x 36"	59 1/2"	35 1/2"	2 3/8"	63 1/4"	39"	3 1/2"

CTW Commercial Aluminum Window

Series 550 CTW FL Commercial Aluminum Windows
 Fully Assembled • Thermally Broken • 1" Insulating Double Pane Glass
 PW = Polar White HM = Hickory Moss BZ = Bronze
 Other sizes are available. Call for additional information.

Series 550 Commercial Aluminum Windows
 Fully Assembled • Thermally Broken • 1" Insulating Double Pane Glass

PW = Polar White HM = Hickory Moss BZ = Bronze

Series	Part Numbers	R.O. Sizes	Actual Sizes		Frame	Packaged	Sizes		
			Width	Height			W	H	D
550	CTW 2040 FL	24" x 48"	23 1/2"	47 1/2"	2 3/8"	27"	51 1/4"	3 1/2"	
550	CTW 2050 FL	24" x 60"	23 1/2"	59 1/2"	2 3/8"	27"	63 1/4"	3 1/2"	
550	CTW 2060 FL	24" x 72"	23 1/2"	71 1/2"	2 3/8"	27"	75 1/4"	3 1/2"	
550	CTW 3020 FL	36" x 24"	35 1/2"	23 1/2"	2 3/8"	39"	27"	3 1/2"	
550	CTW 3030 FL	36" x 36"	35 1/2"	35 1/2"	2 3/8"	39"	39"	3 1/2"	
550	CTW 3040 FL	36" x 48"	35 1/2"	47 1/2"	2 3/8"	39"	51 1/4"	3 1/2"	
550	CTW 3050 FL	36" x 60"	35 1/2"	59 1/2"	2 3/8"	39"	63 1/4"	3 1/2"	
550	CTW 3060 FL	36" x 72"	35 1/2"	71 1/2"	2 3/8"	39"	75 1/4"	3 1/2"	
550	CTW 4020 FL	48" x 24"	47 1/2"	23 1/2"	2 3/8"	51 1/4"	27"	3 1/2"	
550	CTW 4030 FL	48" x 36"	47 1/2"	35 1/2"	2 3/8"	51 1/4"	39"	3 1/2"	
550	CTW 4040 FL	48" x 48"	47 1/2"	47 1/2"	2 3/8"	51 1/4"	51 1/4"	3 1/2"	
550	CTW 4050 FL	48" x 60"	47 1/2"	59 1/2"	2 3/8"	51 1/4"	63 1/4"	3 1/2"	
550	CTW 4060 FL	48" x 72"	47 1/2"	71 1/2"	2 3/8"	51 1/4"	75 1/4"	3 1/2"	
550	CTW 4070 FL	48" x 84"	47 1/2"	83 1/2"	2 3/8"	51 1/4"	87 1/4"	3 1/2"	
550	CTW 4080 FL	48" x 96"	47 1/2"	95 1/2"	2 3/8"	51 1/4"	99 1/4"	3 1/2"	
550	CTW 5020 FL	60" x 24"	59 1/2"	23 1/2"	2 3/8"	63 1/4"	27"	3 1/2"	
550	CTW 5030 FL	60" x 36"	59 1/2"	35 1/2"	2 3/8"	63 1/4"	39"	3 1/2"	
550	CTW 5040 FL	60" x 48"	59 1/2"	47 1/2"	2 3/8"	63 1/4"	51 1/4"	3 1/2"	
550	CTW 5050 FL	60" x 60"	59 1/2"	59 1/2"	2 3/8"	63 1/4"	63 1/4"	3 1/2"	
550	CTW 5060 FL	60" x 72"	59 1/2"	71 1/2"	2 3/8"	63 1/4"	75 1/4"	3 1/2"	
550	CTW 5070 FL	60" x 84"	59 1/2"	83 1/2"	2 3/8"	63 1/4"	87 1/4"	3 1/2"	
550	CTW 5080 FL	60" x 96"	59 1/2"	95 1/2"	2 3/8"	63 1/4"	99 1/4"	3 1/2"	
550	CTW 6020 FL	72" x 24"	71 1/2"	23 1/2"	2 3/8"	75 1/4"	27"	3 1/2"	
550	CTW 6030 FL	72" x 36"	71 1/2"	35 1/2"	2 3/8"	75 1/4"	39"	3 1/2"	
550	CTW 6040 FL	72" x 48"	71 1/2"	47 1/2"	2 3/8"	75 1/4"	51 1/4"	3 1/2"	
550	CTW 6050 FL	72" x 60"	71 1/2"	59 1/2"	2 3/8"	75 1/4"	63 1/4"	3 1/2"	
550	CTW 6060 FL	72" x 72"	71 1/2"	71 1/2"	2 3/8"	75 1/4"	75 1/4"	3 1/2"	
550	CTW 7020 FL	84" x 24"	83 1/2"	23 1/2"	2 3/8"	87 1/4"	27"	3 1/2"	
550	CTW 7030 FL	84" x 36"	83 1/2"	35 1/2"	2 3/8"	87 1/4"	39"	3 1/2"	
550	CTW 7040 FL	84" x 48"	83 1/2"	47 1/2"	2 3/8"	87 1/4"	51 1/4"	3 1/2"	
550	CTW 7050 FL	84" x 60"	83 1/2"	59 1/2"	2 3/8"	87 1/4"	63 1/4"	3 1/2"	
550	CTW 8020 FL	96" x 24"	95 1/2"	23 1/2"	2 3/8"	99 1/4"	27"	3 1/2"	
550	CTW 8030 FL	96" x 36"	95 1/2"	35 1/2"	2 3/8"	99 1/4"	39"	3 1/2"	
550	CTW 8040 FL	96" x 48"	95 1/2"	47 1/2"	2 3/8"	99 1/4"	51 1/4"	3 1/2"	
550	CTW 8050 FL	96" x 60"	95 1/2"	59 1/2"	2 3/8"	99 1/4"	63 1/4"	3 1/2"	