TRINSIC[™] Series

Vinyl Windows and Patio Doors

Architectural Manual







Instructions on how to use this manual:

This document has been designed for easy navigation and to quickly click to the section you need. Here's some important tips on using this document:

- Any item printed in red, will click through to the corresponding item.
- Click to any item in the Table of Contents on page 3. Click on the Milgard logo at the top of any page to return to the Table of Contents FULL MANUAL ONLY.
- From each section's Quick Links page, click to any Drawing listed.
- From any Drawing page, click the "Go Back to Quick Links" box on the bottom right of the page to return to the list of drawings.
- Click on the links on the bottom of the page to go to Revit, SketchUp . PDF and .DWG files. Please note that you must have internet access for these links and you will be re-directed to the Milgard site.
- This document can also be navigated from Adobe Acrobat Bookmarks.

Revit, SketchUp, .PDF and .DWG files can be accessed at **milgard.com** or clicking here: Technical Resources



Contents

COMPONENTS		_ 4
Frame		
Nail-On Fin		
Weep System	4	
Glazing Material		
Vent Panel	4	
Weatherstripping	5	
Door Roller Assembly	5	
Locking Assembly	5	
Screen	5	
Energy Packages	5	
OPTIONS		_ 5
Grids	5	
Glass	5	
Window and Door Hardware		_ 6
Premium Exterior Vinyl Finishes		_ 7
Full Lifetime Warranty		_ 8
Awning Window		_ 9
Configurations	10	
Minimum/Maximum Sizes	10	
Available Frame Styles	10	
Drawings - Quick Links	11	
Casement Window		31
Configurations		
Minimum/Maximum Sizes	32	
Available Frame Styles	32	
Drawings - Quick Links	33	

Horizontal Sliding & Double Horizontal Sliding Window	51	
Configurations	52	
Minimum/Maximum Sizes	52	
Available Frame Styles	52	
Drawings - Quick Links	53	
Picture and Radius Window	78	
Configurations		
Minimum/Maximum Sizes		
Available Frame Styles	79	
Drawings - Quick Links		
Single Hung Window	103	
Configurations		
Minimum/Maximum Sizes	104	
Available Frame Styles	104	
Drawings - Quick Links	105	
Sliding Patio Door	130	
Configurations		
Minimum/Maximum Sizes	131	
Available Frame Styles		
Drawings - Quick Links	132	



About Trinsic[™] Series

The Trinsic series vinyl window has the energy efficiency and low maintenance of vinyl with sleek, contemporary design and even sightlines.

The result is a window with maximum glass area. Available in white, tan, and clay (select regions), as well as premium painted exteriors. The windows will maintain their color and shape and can be constructed to your exact size specifications, subject to review.

COMPONENTS

Frame

Frame components are made from high performance polyvinyl chloride, available in White or Tan, with Clay available in select regions or premium painted upgrade window frames. Trinsic Series is designed to offer a sleek appearance, ideal for contemporary homes or whenever maximum glazing area and even sight lines are desired. Mitered corners are precision welded resulting in an air and water tight seal.

Standard window frame depth is 2-7/8", ideal for both new construction and use as a replacement window.

Nail-On Fin

A 1-1/16" pre-punched nail flange extends around the perimeter frame, securing the window in rough openings and acting as a part of the flashing system. The nailing fin may be removed as needed for block frame applications. Fin setbacks are available in 1-3/8" from outside of frame; also in 1" for our SW locations using 3 coat stucco applications (not available at all locations).

Weep System

Hollow sill construction and offset weep holes that release any accumulated moisture from track and help prevent blow back, or water seeping to the interior caused by a combination of wind and rain.

Glazing Material

AAMA approved glazing tape adheres glass to the fixed panel frame which seals and cushions the glass. Rigid vinyl setting blocks are used to support the unit above the sill, preventing glass slippage. Extruded vinyl glazing (snap-in) bead is applied around the exterior edge.

Glass insulating dual glazed panes are butyl sealed for energy efficiency. Specialty glass options are available upon request.

Vent Panel

The vent panel has an "L" shaped lip that fully interlocks with the meeting rail, adding security and preventing air and water penetration. Its roller assembly rides on a monorail track for easy operation and durability. This raised track in the frame sill helps keep the vent panel free from interference by foreign particles that may collect in the sill.



Trinsic[™]Series Vinyl Windows & Patio Doors Architectural Manual

Weatherstripping

Silicone-treated water-repellent polypropylene fin seal weatherstripping provides a durable, weather tight seal. This weatherstripping is installed in an integral, continuous keyway around three sides of the vent panel and interlock.

Door Roller Assembly

Self-lubricating, wear resistant, dual nylon rollers provide flexible, free-wheeling, smooth and silent operation. The adjustable rollers are engineered for reduction of friction and elimination of torque on the vent frame.

Locking Assembly

A SmartTouch[®] window lock mechanism provides security and a tighter seal. The lock engages when the window is closed.

Screen

Screen frames are cambered aluminum, reinforced with rigid plastic corner clips. Screens come standard with matching exterior frame color.

The fiberglass charcoal screen mesh is strong, durable and easy to replace. Two plastic pulls located on the screen allow you to install from inside or outside of house.

Energy Packages

Milgard adheres to ENERGY STAR[®] v6 requirements to meet or exceed U-Factor and Solar Heat Gain Coefficient (SHGC) criteria for all ENERGY STAR[®] zones.

Milgard also offers high energy performance options for the ultimate in energy efficiency. Energy efficient windows could include one or more of the following features based on your climate.

- SunCoat[®] or SunCoatMAX[®]
- EdgeGardMAX[®]
- Argon or Krypton
- 4th Surface

For more details on Milgard Energy Efficient packages, visit <u>www.milgard.com/learn/energy-</u> <u>efficiency/energy-efficient-components</u>

To check the energy performance of all Milgard windows and doors, use our Energy Calculator at:

milgard.com/energy-calculator

OPTIONS

Grids

Available in:

- 5/8" flat*
- 1-1/16" sculptured*
- 7/8" Simulated Divided Lite

*Premium vinyl exterior colors include coordinating color grids. Glass

Refer to glass section. Many more options are available. Please check with your Milgard Representative.

Caution: The use of petroleum based fuels or solvents as release agents in stucco wall installations or glass cleaning will chemically attack materials used in seals and other components, and voids the Milgard Warranty. The use of wax based release agents is recommended.

Expanding foam for insulation purposes should not be used.

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Window and Door Hardware



Single Hung and Horizontal Slider

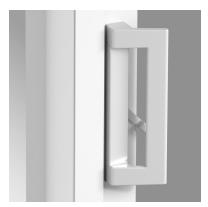
SmartTouch[®] Lock – Closes and locks window securely in one action.



Casement and Awning

Folding Nesting Handle with Sash Lock

Door Handles



Contemporary (standard)



Premium (upgrade)



Exterior



Premium Exterior Vinyl Finishes

Standard - Matching interior



Premium - White interior only





Full Lifetime Warranty

At Milgard, we build our windows and doors to last. With the dedication to quality that we put into building the best windows in the business, it wouldn't make sense to back them with anything but the best warranty in the business. That's why we back every properly installed window and door for as long as the homeowner owns their home–including parts and labor.

It's why you can be sure you won't find any windows better than Milgard.

For complete warranty details, visit milgard.com.



Why Milgard?

Quality

Milgard offers award-winning windows and patio doors built for long-lasting comfort. For over 50 years, industry experts have consistently recognized Milgard as a trusted brand. By producing our vinyl and fiberglass frame materials in-house, we can more closely monitor for quality control. Milgard windows and patio doors stand up, while standing out.

Experience

Since 1962, Milgard Windows & Doors has designed and assembled superior, top quality windows and patio doors, backed with a <u>Full Lifetime Warranty</u>. Milgard engineers are known for their industry-leading designs using patented technologies. Whatever your project calls for, Milgard has the right product that can beautifully reflect your vision. From new construction to home remodeling, all Milgard windows and doors are custom made to your exact specifications.

Service

We serve the Western U.S. and Canada with a dozen full-service facilities and customer care centers. Our belief is that by being close to our customers, we can provide them better service.







The Trinsic[™] Series vinyl (PVC) Awning window blends the energy efficiency and low maintenance of vinyl with clean lines and even sightlines.

The result is a window with maximum glass area. Available in white, tan, and clay (select regions), as well as premium painted exteriors. The windows will maintain their color and shape and can be constructed to your exact size specifications.

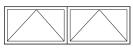
Please also see: Components Options Hardware Premium Exterior Vinyl Finishes Full Lifetime Warranty



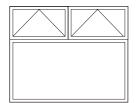
Awning Window Configurations



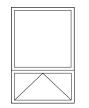
Full Awning



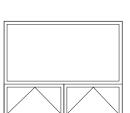
Double Awning



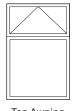
Double top Awning



Bottom Awning



Double bottom Awning



Top Awning

Minimum/Maximum Sizes

Awning

– Min 1⁶1⁶ Max 4⁰3⁰

Full Awning Stacked

- Min 1⁶2⁶ Max 6⁰3⁰

Available Frame Styles

1-3/8" Fin Setback 1" Fin Setback with J-channel 1" Fin Setback with Stucco Key 1-1/2" Contour Z-bar Block Frame (no fin)

NOTE: For engineering approval contact your Milgard representative for any configuration over 40 square feet. Each Milgard Manufacturing plant reserves the right to alter or change sizes and configurations according to location capabilities. Ask your Milgard rep about specialty applications. Windows over 40 square feet shipped open for field glazing. Varies by location.

Not all frame styles available at all Milgard locations. Contact your Milgard Representative for more information.



Drawings - Quick Links

Awning Window

- 12—Full Awning 1-3/8" Fin Setback
- 13—Bottom Awning 1-3/8" Fin Setback
- 14—Double Awning 1-3/8" Fin Setback
- 15—Full Awning above Full Awning 1-3/8" Fin Setback
- 16—Full Awning 1-3/8" Fin Setback with Stucco Key
- 17—Bottom Awning 1-3/8" Fin Setback with stucco key
- 18—Double Awning 1-3/8" Fin Setback with stucco key
- 19—Full Awning 1" Fin Setback with stucco key
- 20—Bottom Awning 1" Fin Setback with stucco key

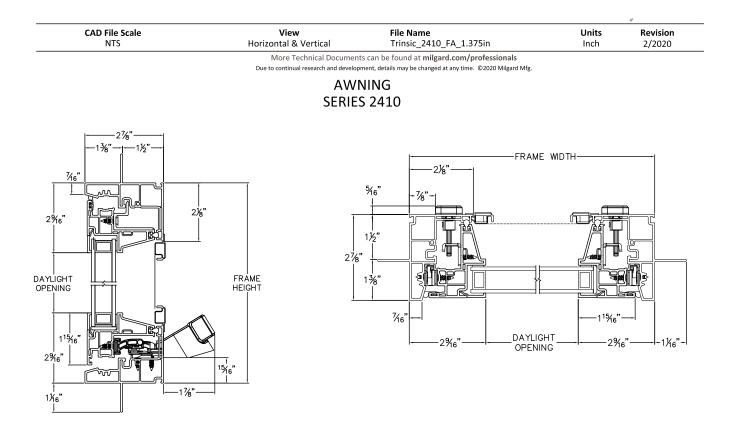
- 21—Double Awning 1" Fin Setback with stucco key
- 22—Full Awning 1" Fin Setback with 3/4" J-channel
- 23—Bottom Awning 1" Fin Setback with 3/4" J-channel
- 24—Double Awning 1" Fin Setback with 3/4" J-channel
- 25—Full Awning 1-1/2" Contour Z-bar frame
- 26—Bottom Awning 1-1/2" Contour Z-bar frame
- 27—Double Awning 1-1/2" Contour Z-bar frame
- 28—Full Awning Block Frame
- 29—Bottom Awning Block Frame
- 30—Double Awning Block Frame

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources





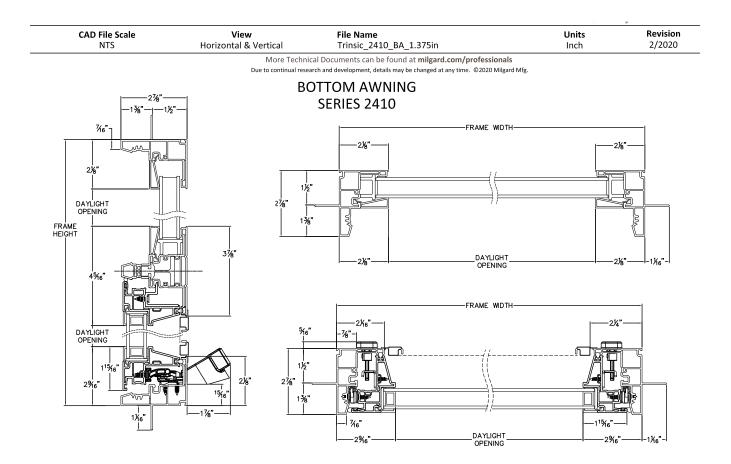
Full Awning - 1-3/8" Fin Setback



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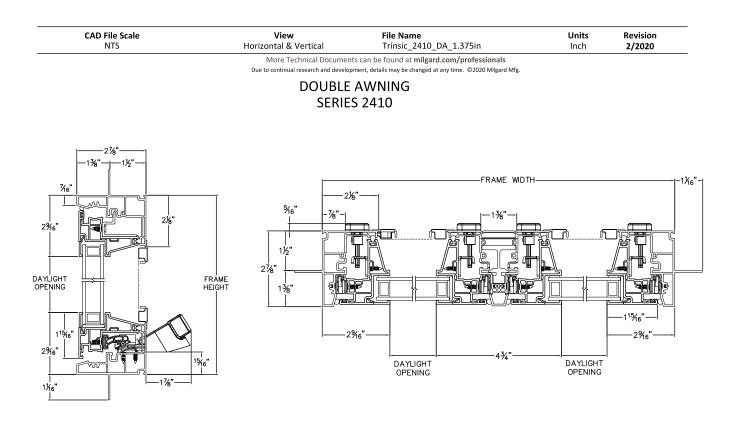
Bottom Awning - 1-3/8" Fin Setback



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Double Awning - 1-3/8" Fin Setback



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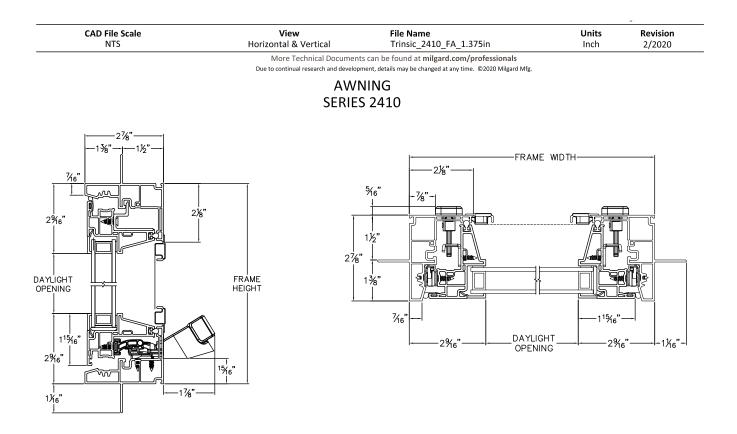
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Full Awning above Full Awning - 1-3/8" Fin Setback



HEAD & SILL

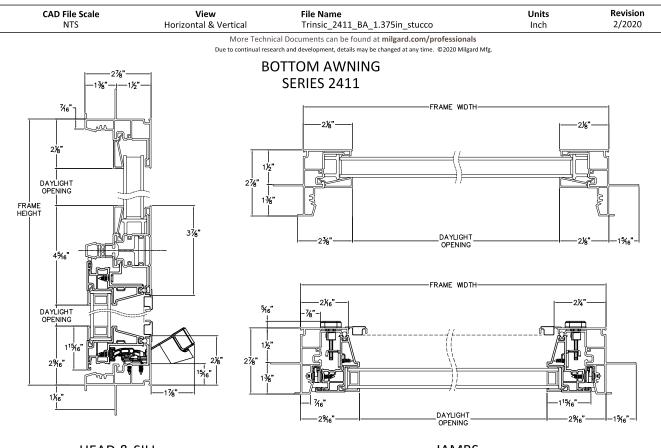
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Full Awning - 1-3/8" Fin Setback with stucco Key



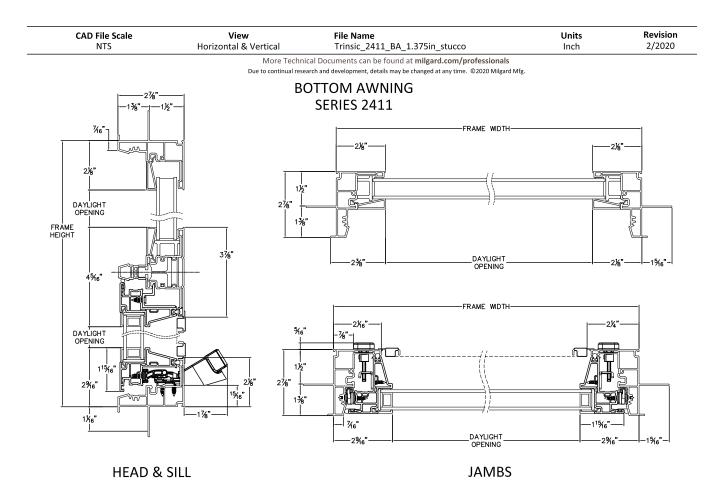
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Bottom Awning - 1-3/8" Fin Setback with stucco key

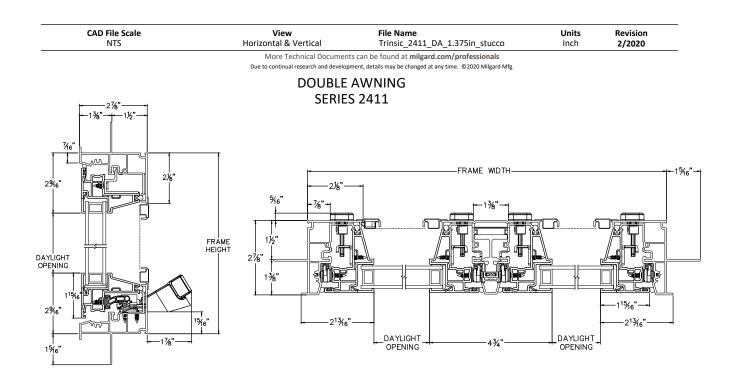


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Double Awning - 1-3/8" Fin Setback with stucco key



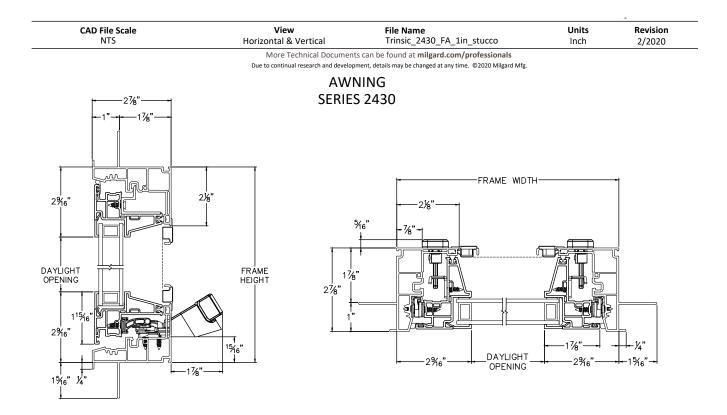
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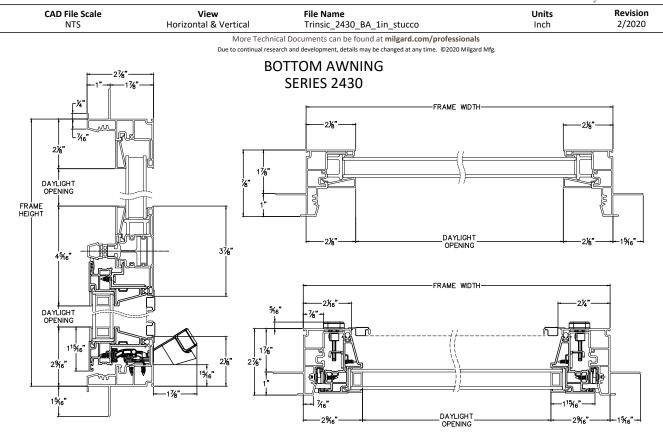
Full Awning - 1" Fin Setback with stucco key



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Bottom Awning - 1" Fin Setback with stucco key



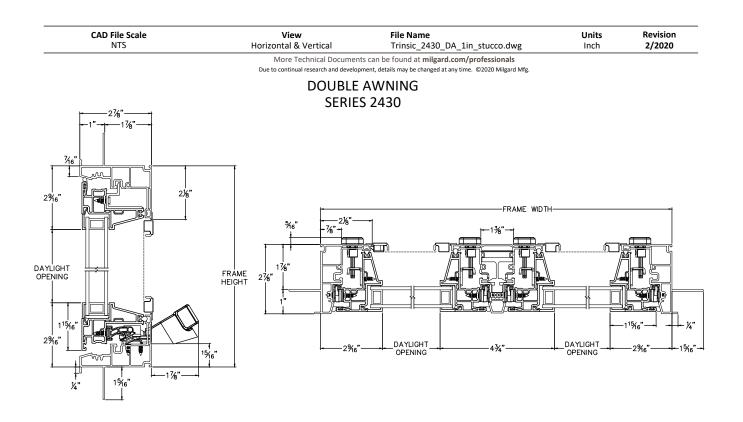
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Double Awning - 1" Fin Setback with stucco key



HEAD & SILL

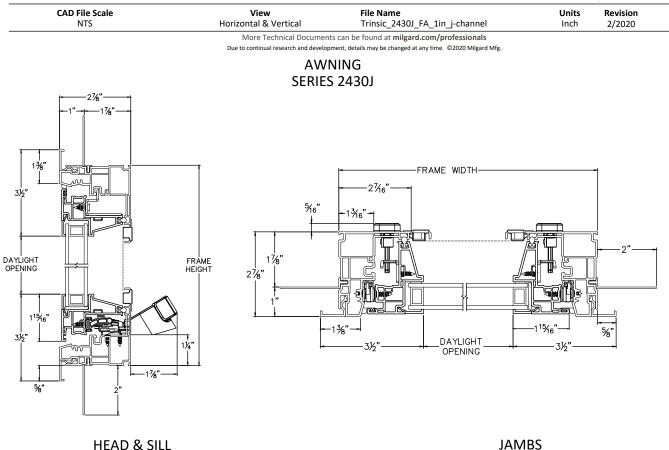
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Full Awning - 1" Fin Setback with 3/4" J-channel

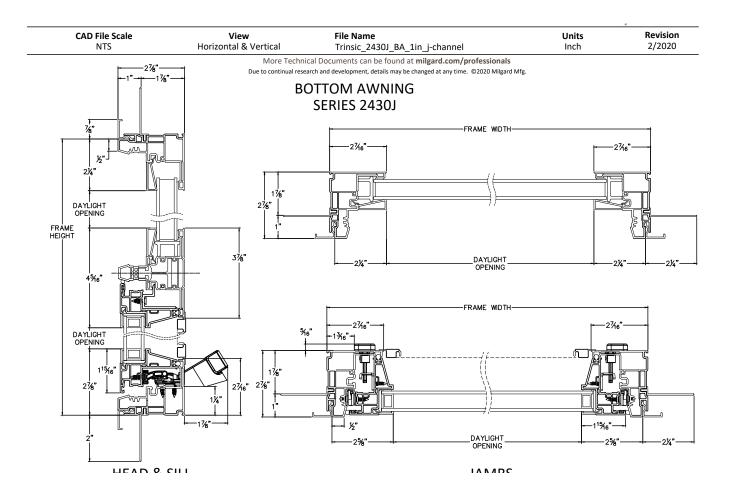


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Bottom Awning - 1" Fin Setback with 3/4" J-channel

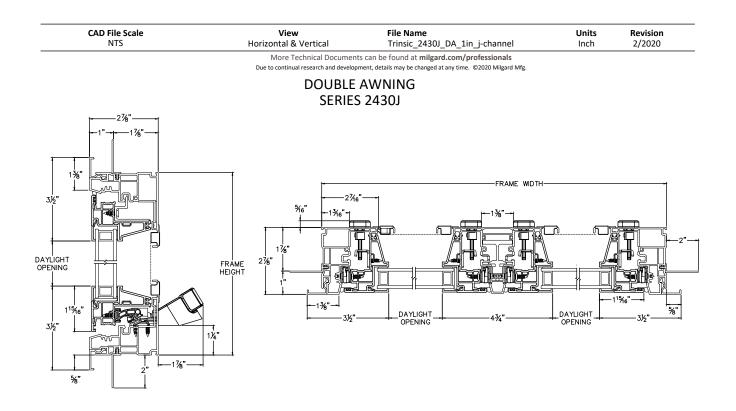


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Double Awning - 1" Fin Setback with 3/4" J-channel



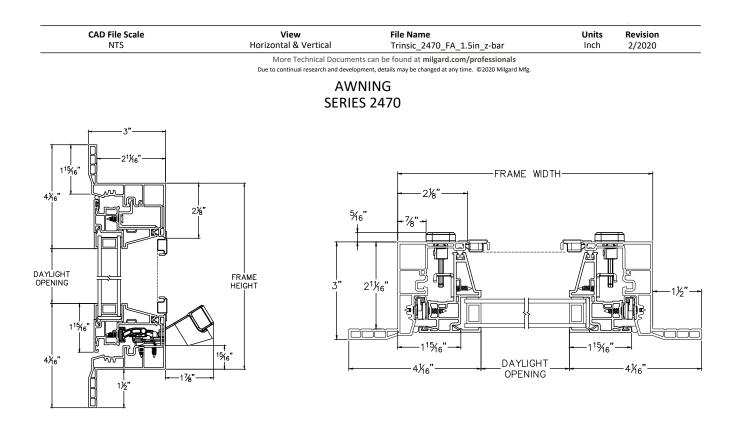
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Full Awning - 1-1/2" Contour Z-bar frame



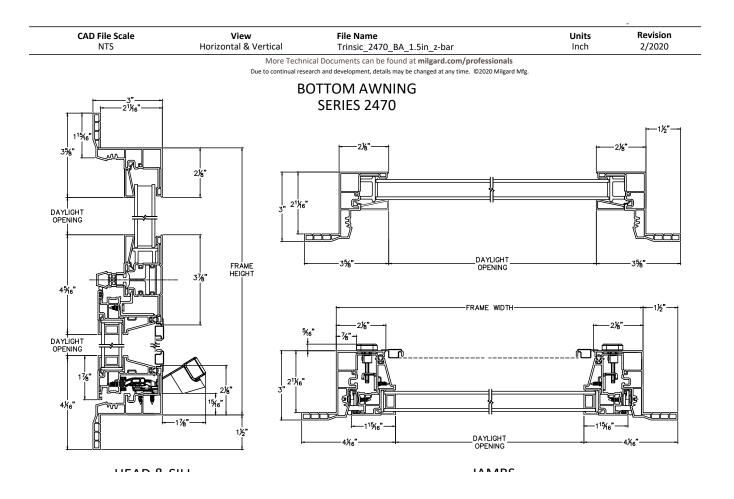
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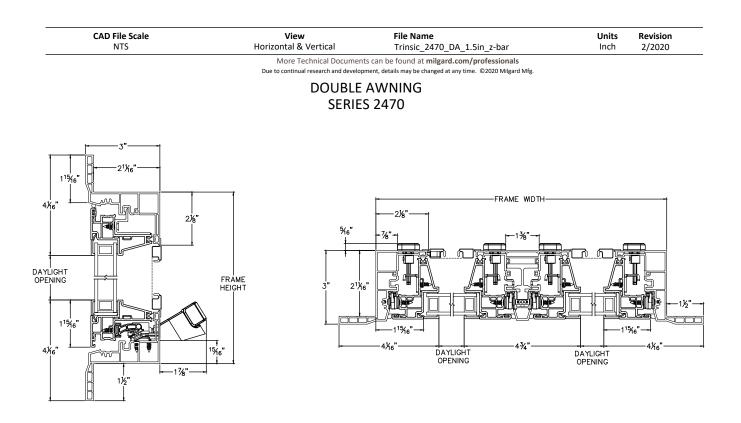
Bottom Awning - 1-1/2" Contour Z-bar frame



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Double Awning - 1-1/2" Contour Z-bar frame



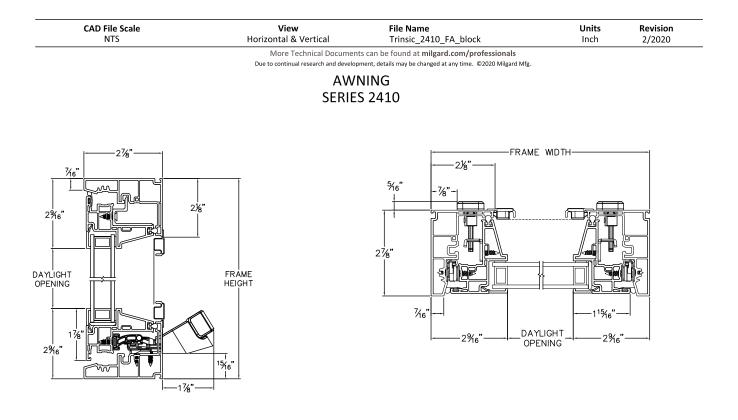
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Full Awning - Block Frame



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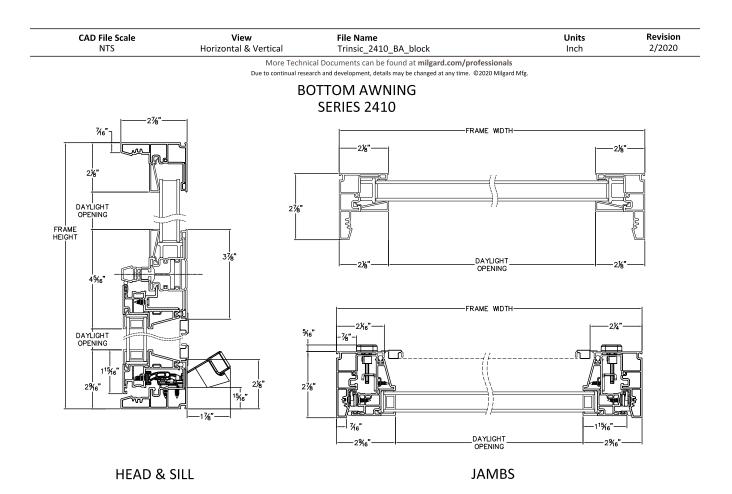
Go back to Quick Links

Awning Window — 28



Bottom Awning - Block Frame

MM



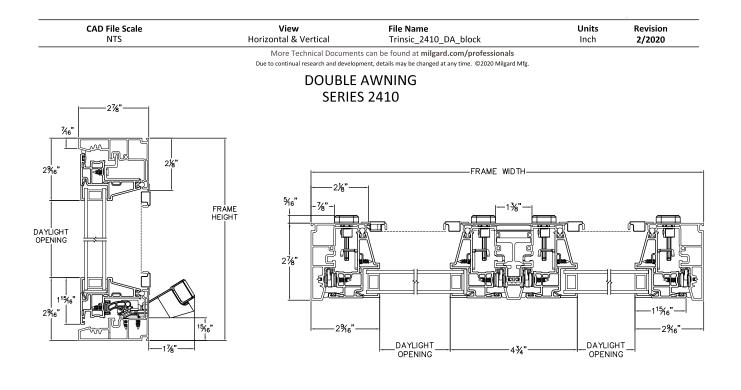
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Double Awning - Block Frame



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The Trinsic[™] Series vinyl (PVC) Casement window blends the energy efficiency and low maintenance of vinyl with clean lines and even sightlines.

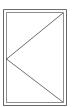
The result is a window with maximum glass area. Available in white, tan, and clay (select regions), as well as premium painted exteriors. The windows will maintain their color and shape and can be constructed to your exact size specifications.

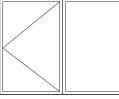
Please also see:

Components Options Hardware Premium Exterior Vinyl Finishes Full Lifetime Warranty



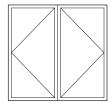
Configurations



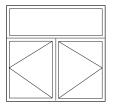


Full Casement

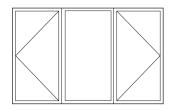
Single Casement



Double Casement



Double bottom Casement



Double Casement/Picture

NOTE: For engineering approval contact your Milgard representative for any configuration over 40 square feet. Each Milgard Manufacturing plant reserves the right to alter or change sizes and configurations according to location capabilities. Ask your Milgard rep about specialty applications. Windows over 40 square feet shipped open for field glazing. Varies by location.

Not all frame styles available at all Milgard locations. Contact your Milgard Representative for more information.

Minimum/Maximum Sizes

Full Casement

– Min 1⁶1⁶ Max 3⁰5⁰

Single Casement

- Min 2³1⁶ Max 6⁰6⁰

Double Casement Picture

- Min 3⁸1⁶ Max 12⁰5⁰

Available Frame Styles

1-3/8" Fin Setback 1" Fin Setback with J-channel 1" Fin Setback with Stucco Key 1-1/2" Contour Z-bar Block Frame (no fin)



Drawings - Quick Links

Casement Window

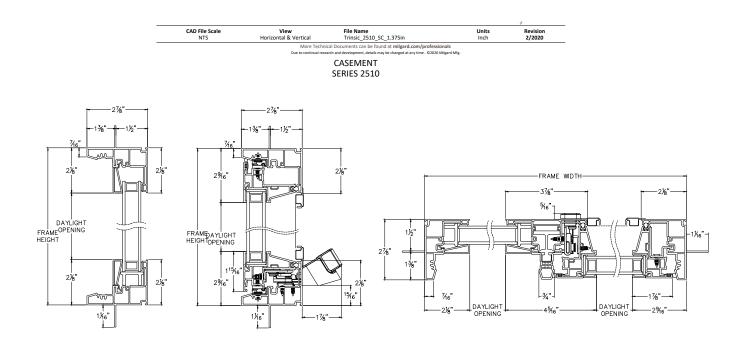
- 34—Single Casement 1-3/8" Fin Setback
- 35—Full Casement 1-3/8" Fin Setback
- 36—Double Casement 1-3/8" Fin Setback
- 37—Single Casement 1" Fin Setback with stucco key
- 38—Full Casement 1" Fin Setback with stucco key
- 39—Double Casement 1" Fin Setback with stucco key
- 40—Single Casement 1" Fin Setback, 3/4" Flat J-channel

- 41—Full Casement 1" Fin Setback, 3/4" Flat J-channel
- 42—Double Casement 1" Fin Setback, 3/4" Flat J-channel
- 43—Single Casement 1-1/2" Contour Z-bar
- 44—Full Casement 1-1/2" Contour Z-bar
- 45—Double Casement 1-1/2" Contour Z-bar
- 46—Single Casement Block Frame
- 47—Full Casement Block Frame
- 48—Double Casement Block Frame

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Single Casement - 1-3/8" Fin Setback



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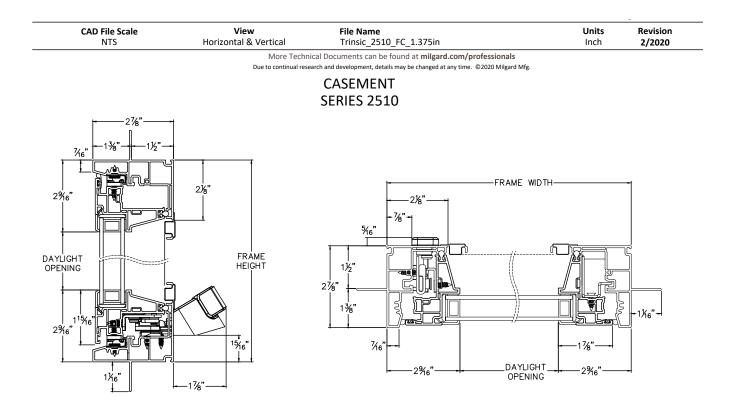
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Full Casement - 1-3/8" Fin Setback



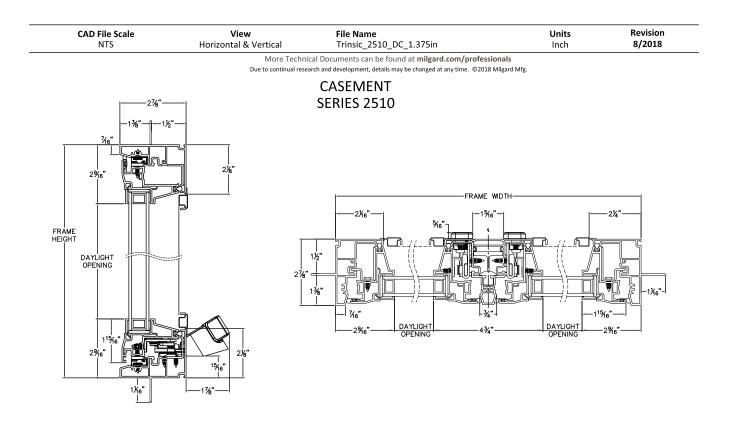
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Double Casement - 1-3/8" Fin Setback



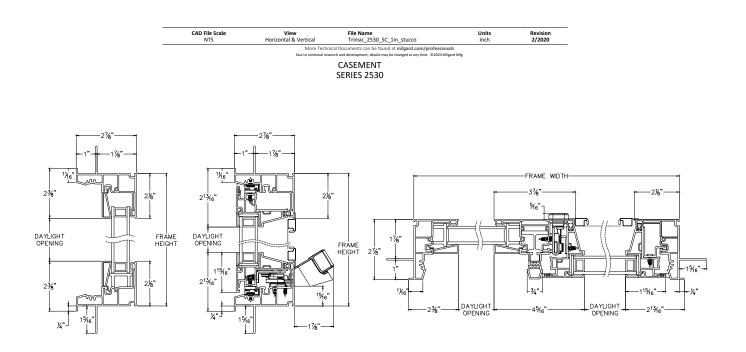
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Single Casement - 1" Fin Setback with stucco key



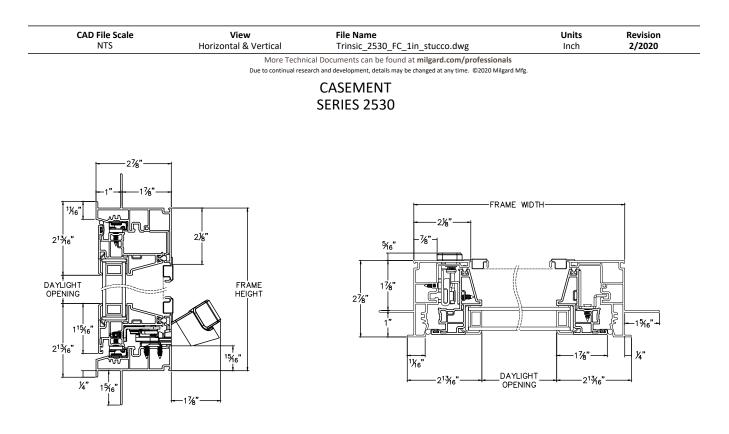
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Full Casement - 1" Fin Setback with stucco key



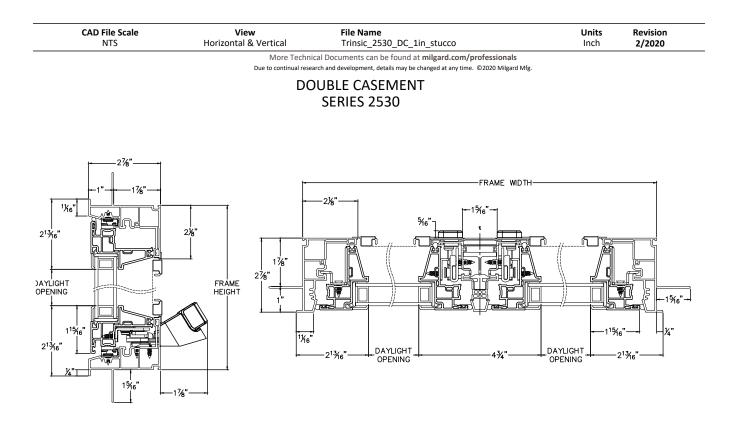
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Double Casement - 1" Fin Setback with stucco key



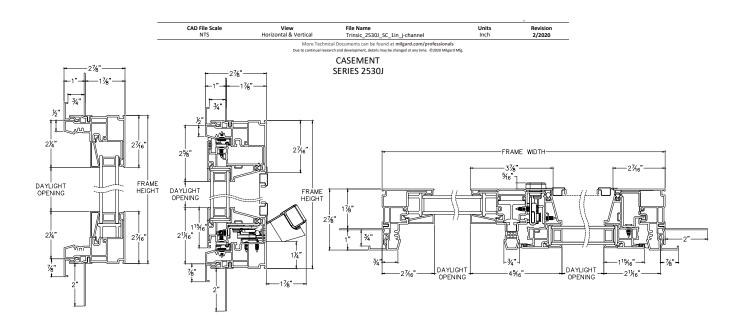
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Single Casement - 1" Fin Setback, 3/4" Flat J-channel



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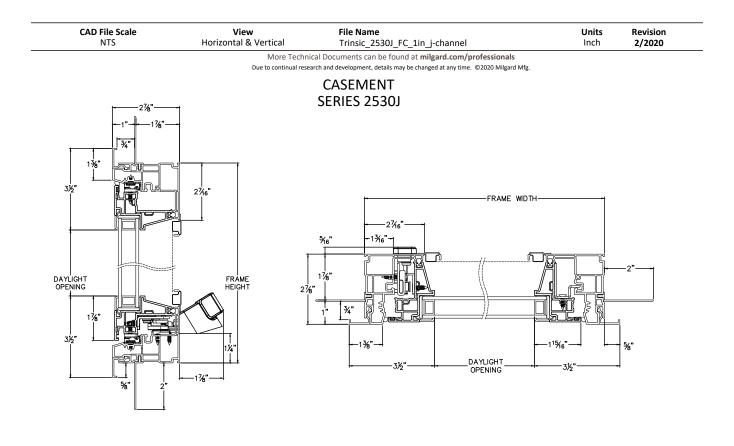
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Go back to Quick Links

Casement Window — 40



Full Casement - 1" Fin Setback, 3/4" Flat J-channel



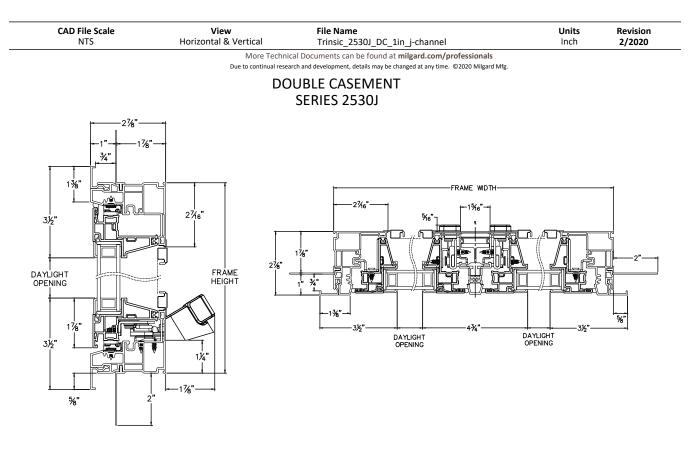
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Double Casement - 1" Fin Setback, 3/4" Flat J-channel



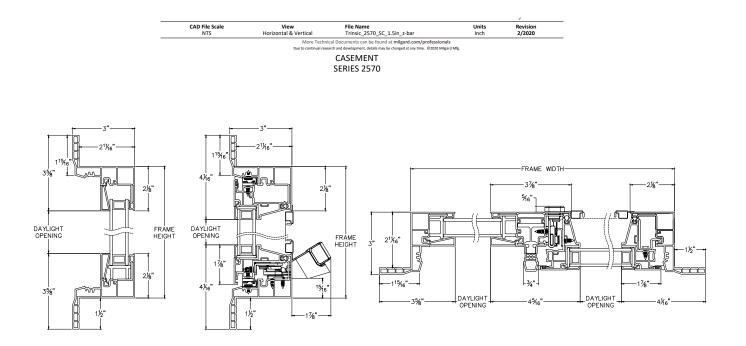
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Single Casement - 1-1/2" Contour Z-bar



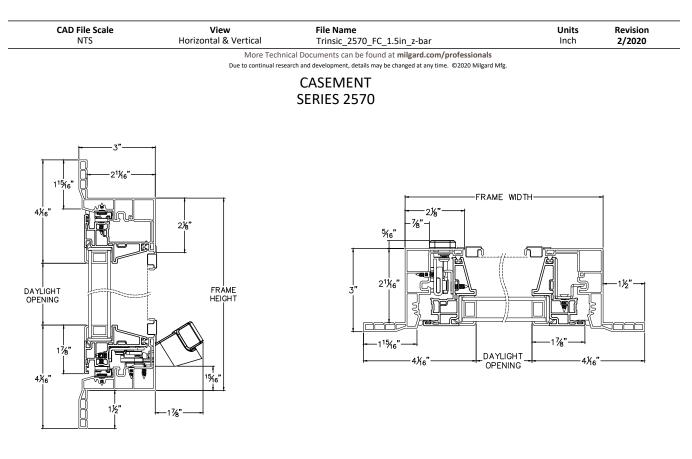
HEAD & SILL

JAMBS





Full Casement - 1-1/2" Contour Z-bar



HEAD & SILL

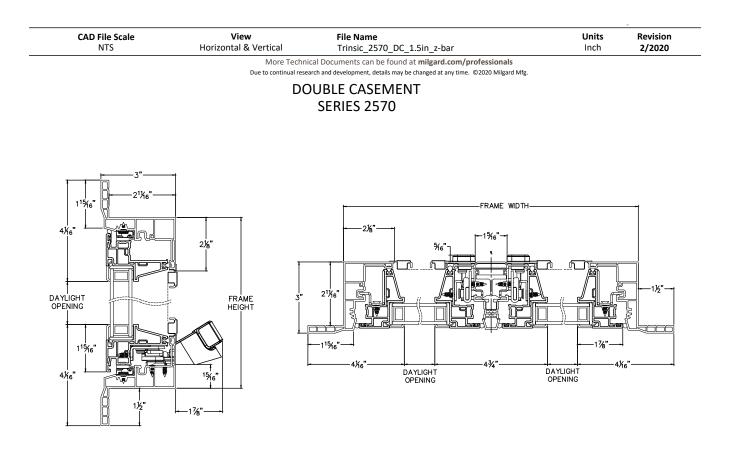
JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources





Double Casement - 1-1/2" Contour Z-bar



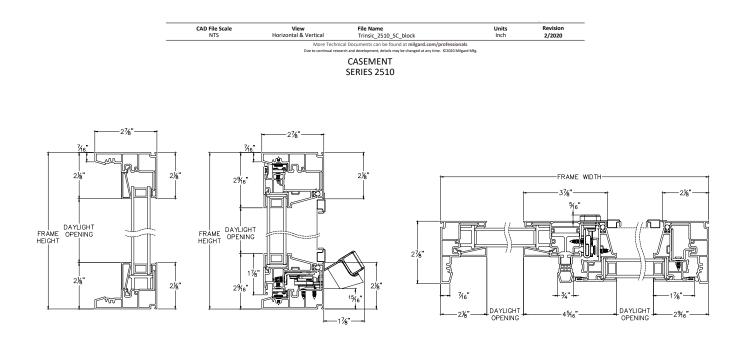
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Single Casement - Block Frame



HEAD & SILL

JAMBS

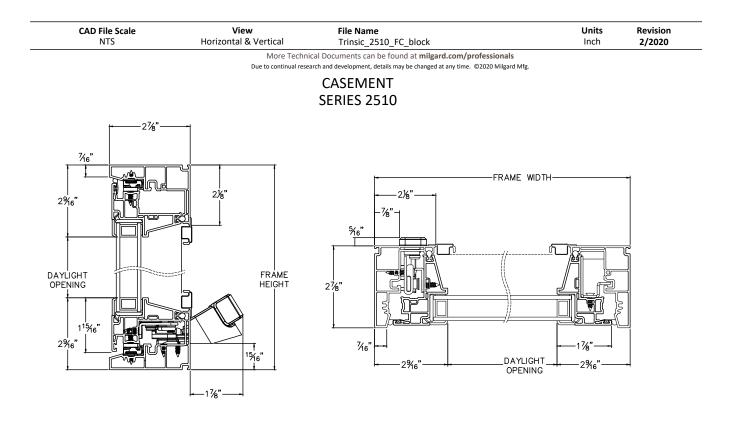
Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources

Go back to Quick Links

Casement Window — 46



Full Casement - Block Frame



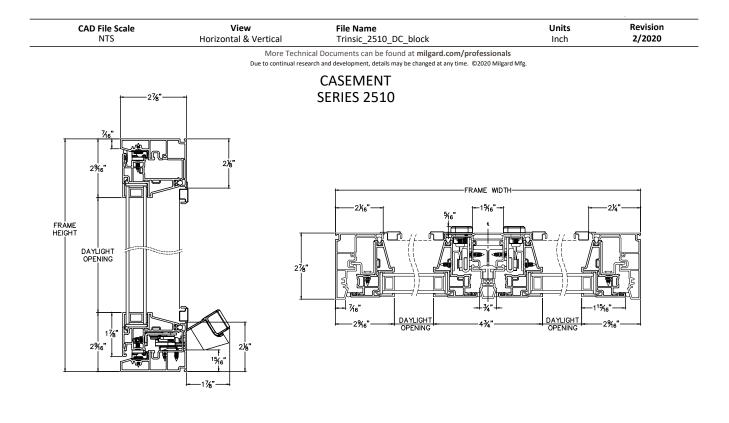
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Double Casement - Block Frame



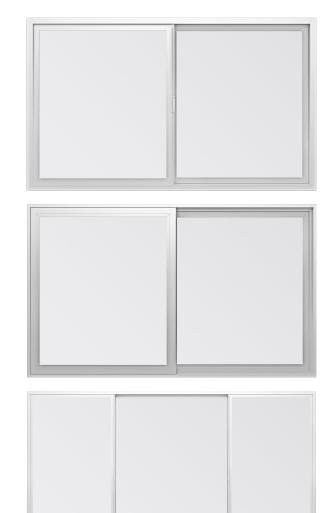
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Horizontal Sliding & Double Horizontal Sliding Window



The Trinsic[™] Series vinyl (PVC) Horizontal Sliding window blends the energy efficiency and low maintenance of vinyl with clean lines and even sightlines.

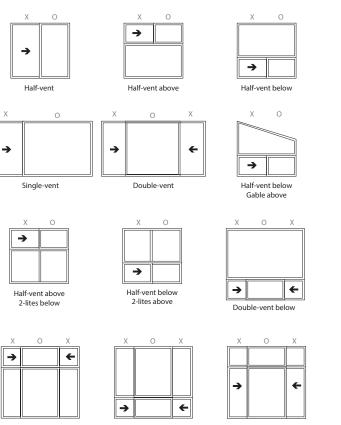
The result is a window with maximum glass area. Available in white, tan, and clay (select regions), as well as premium painted exteriors. The windows will maintain their color and shape and can be constructed to your exact size specifications.

Please also see:

Components Options Hardware Premium Exterior Vinyl Finishes Full Lifetime Warranty



Configurations



Double-vent above 3-lites below

Double-vent below 3-lites above



Minimum/Maximum Sizes

Half Vent

Min 2°1° Max 6°5° _

Double Vent

Min 4°1° Max 10°6° _

Half Vent above/below

Min 2°2° Max 6°6° _

Double Vent above

Min 4º2º _ Max 8°6°

Double Vent below

Min 4°2° Max 8°6°

Available Frame Styles

1-3/8" Fin Setback 1" Fin Setback with J-channel 1" Fin Setback with Stucco Key 1-1/2" Contour Z-bar Block Frame (no fin)

NOTE: For engineering approval contact your Milgard representative for any configuration over 40 square feet. Each Milgard Manufacturing plant reserves the right to alter or change sizes and configurations according to location capabilities. Ask your Milgard rep about specialty applications. Windows over 40 square feet shipped open for field glazing. Varies by location.

Not all frame styles available at all Milgard locations. Contact your Milgard Representative for more information.



Drawings - Quick Links

Horizontal Sliding Window

- 54—1-3/8" Fin Setback
- 55—1-3/8" Fin Setback Half Vent Above
- 56-1-3/8" Fin Setback Half Vent Below
- 57—1-3/8" Fin Setback with Stucco Key
- 58—1-3/8" Fin Setback with Stucco Key Half Vent Above
- 59—1-3/8" Fin Setback with Stucco Key Half Vent Below
- 60—Block Frame
- 61—Block Frame Half Vent Above
- 62—Block Frame Half Vent Below
- 63—1" Fin Setback with Stucco Key
- 64—1" Fin Setback with Stucco Key Half Vent Above
- 65—1" Fin Setback with Stucco Key Half Vent Below

- 66—1" Fin Setback with J-channel
- 67—1" Fin Setback with J-channel Half Vent Above
- 68—1" Fin Setback with J-channel Half Vent Below
- 69—1-1/2" Contour Z-bar
- 70—1-1/2" Contour Z-bar Half Vent Above
- 71—1-1/2" Contour Z-bar Half Vent Below

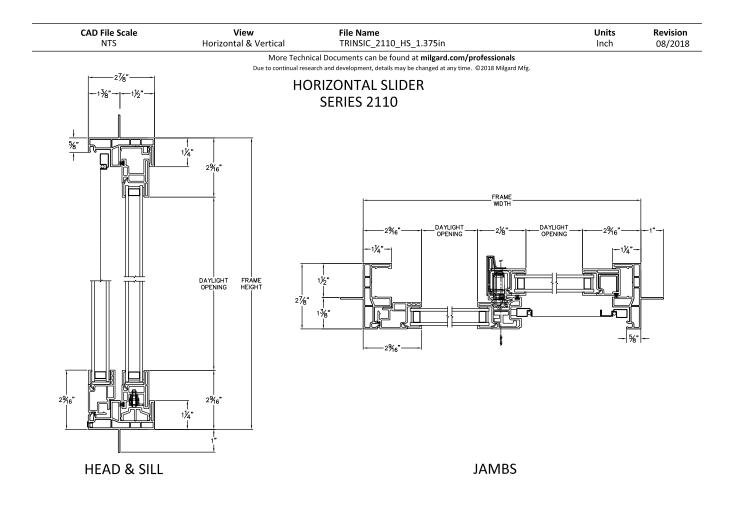
Double Vent Horizontal Sliding Window

- 72—1-3/8" Fin Setback
- 73—1-3/8" Fin Setback with Stucco Key
- 74—Block Frame
- 75—1" Fin Setback with Stucco Key
- 76—1" Fin Setback with J-channel
- 77—1-1/2" Contour Z-bar





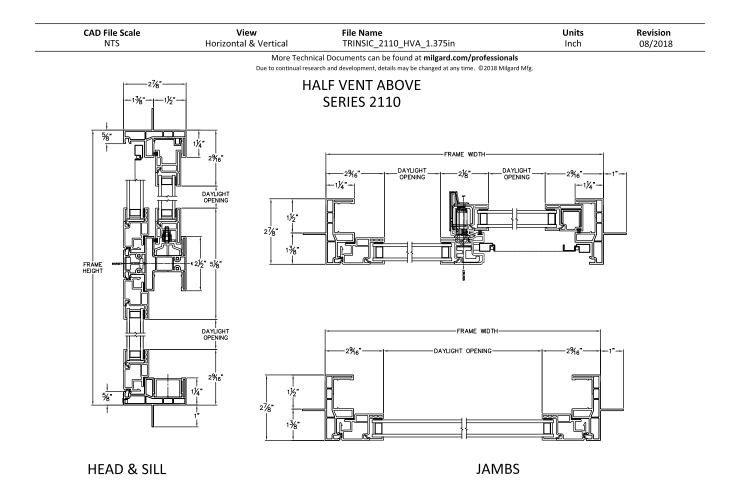
1-3/8" Fin Setback



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



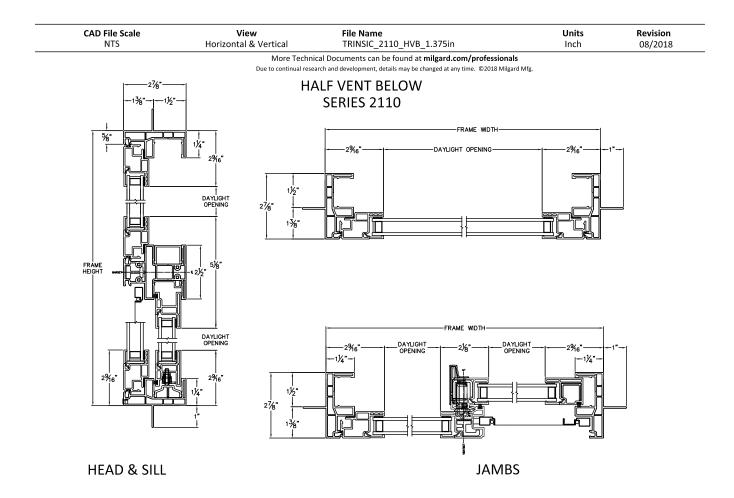
1-3/8" Fin Setback - Half Vent Above







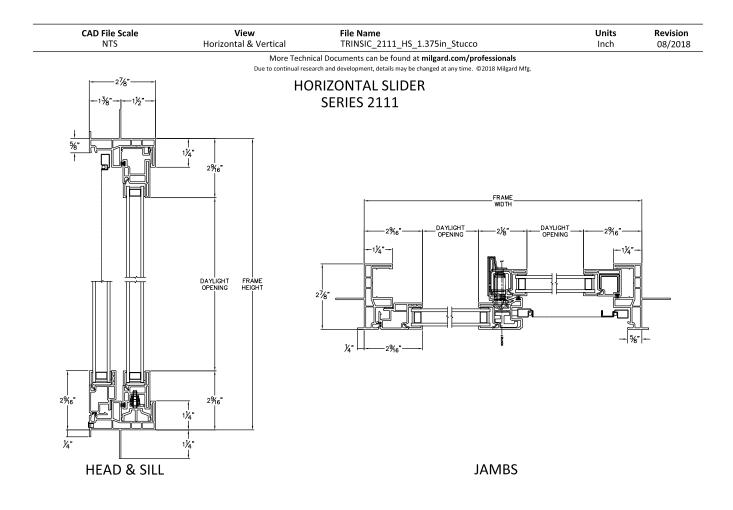
1-3/8" Fin Setback - Half Vent Below







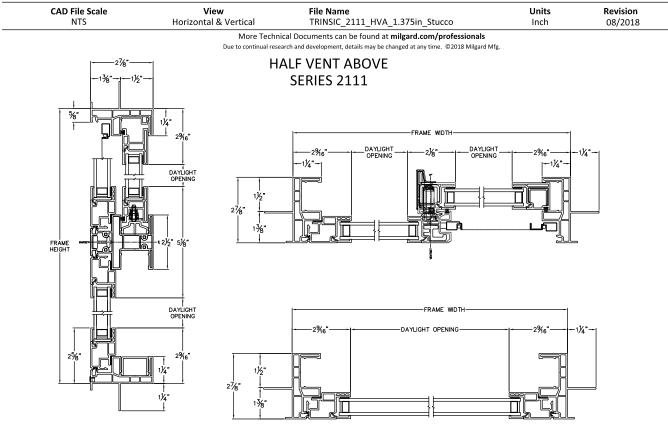
1-3/8" Fin Setback with Stucco Key



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



1-3/8" Fin Setback with Stucco Key - Half Vent Above



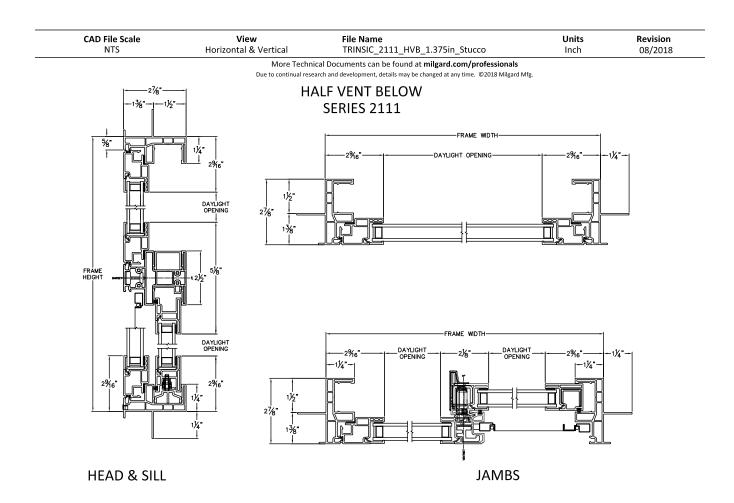
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



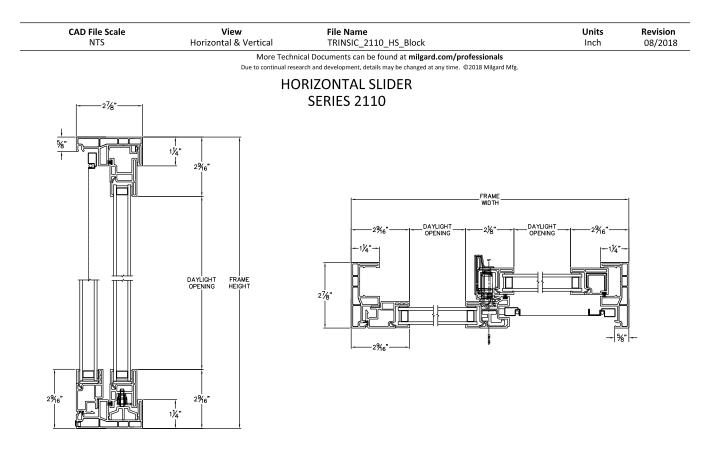
1-3/8" Fin Setback with Stucco Key - Half Vent Below







Block Frame



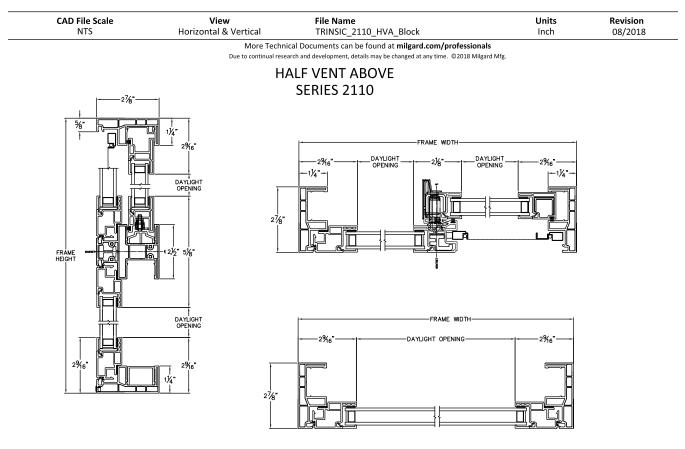
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Block Frame - Half Vent Above



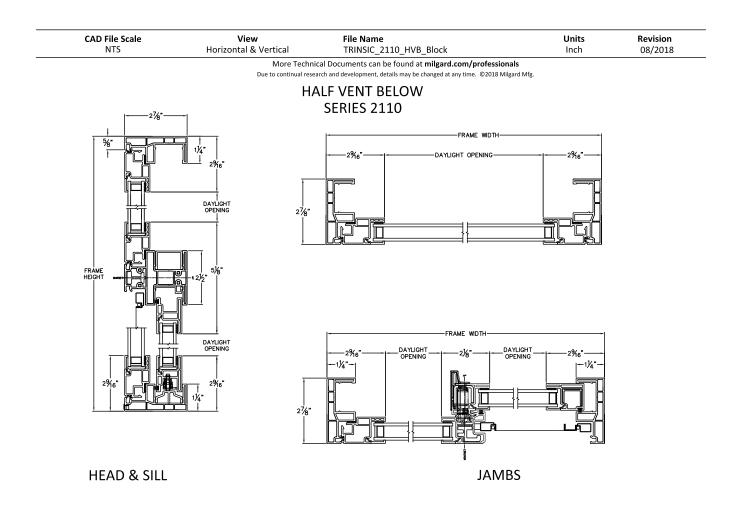
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



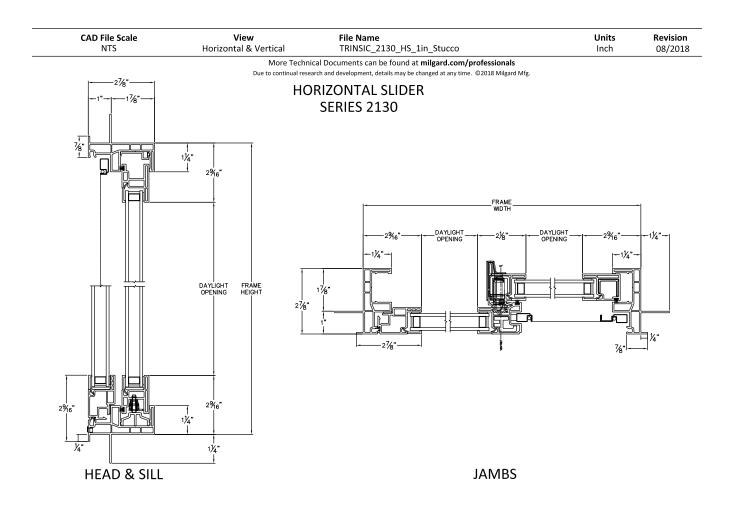
Block Frame - Half Vent Below







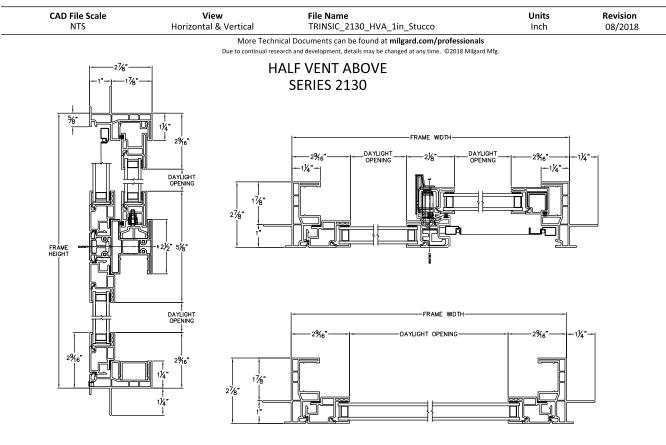
1" Fin Setback with Stucco Key



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



1" Fin Setback with Stucco Key - Half Vent Above



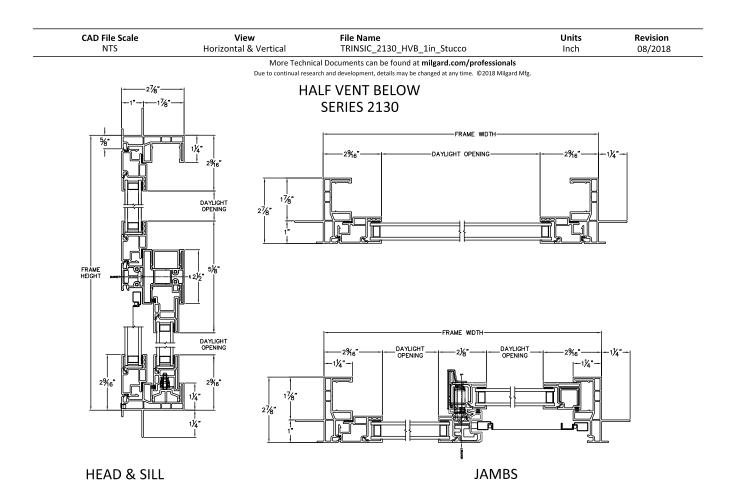
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



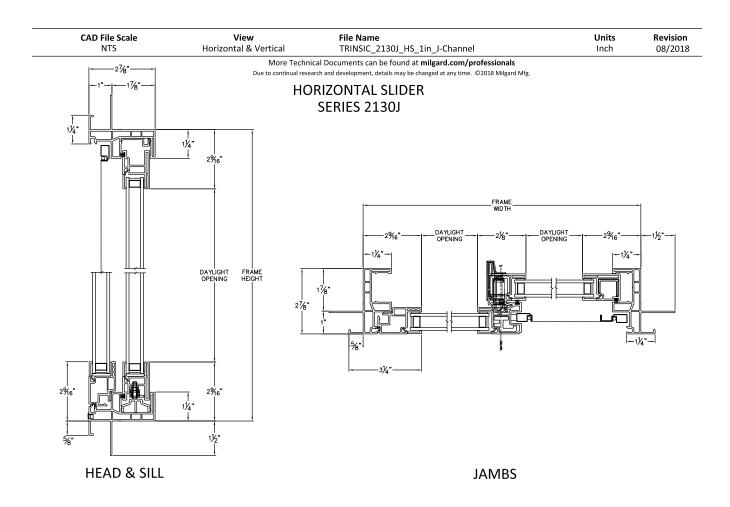
1" Fin Setback with Stucco Key - Half Vent Below







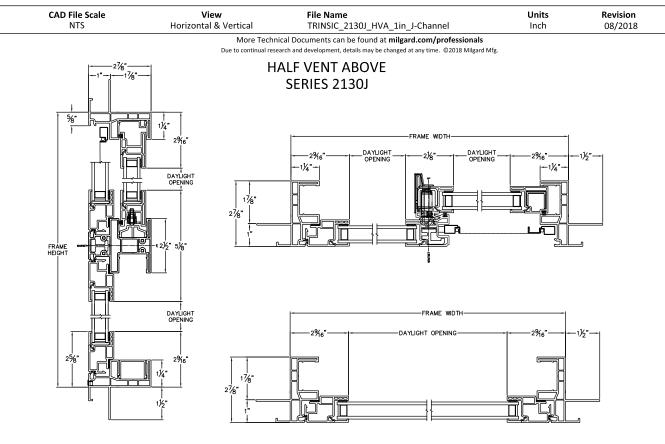
1" Fin Setback with J-channel



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



1" Fin Setback with J-channel - Half Vent Above



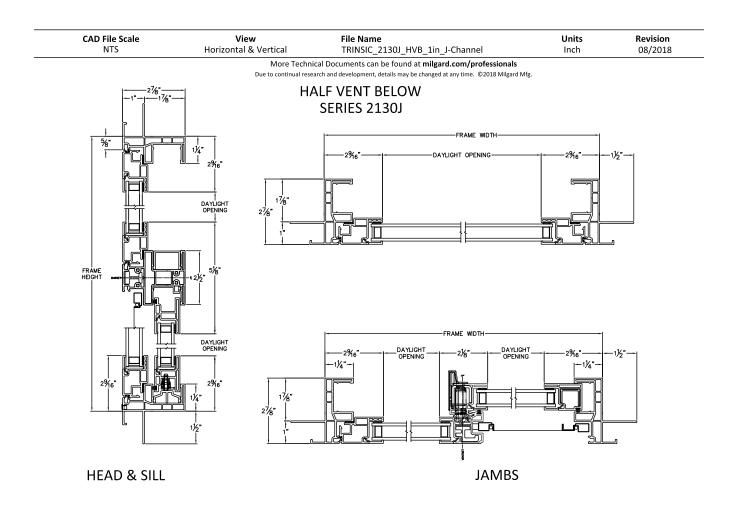
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



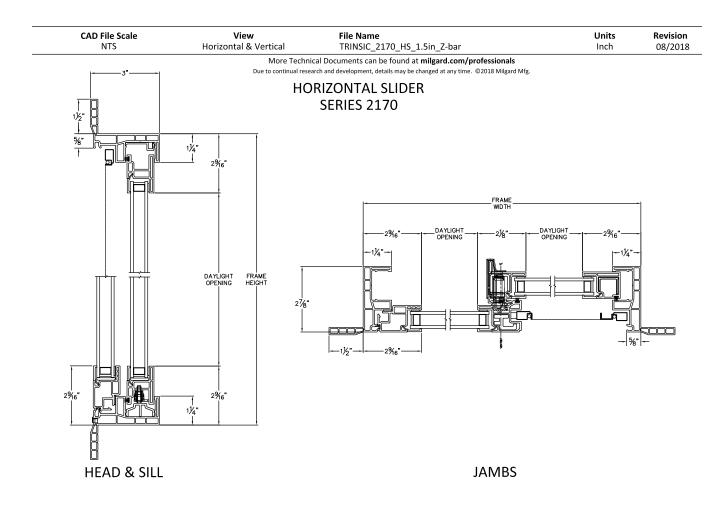
1" Fin Setback with J-channel - Half Vent Below



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



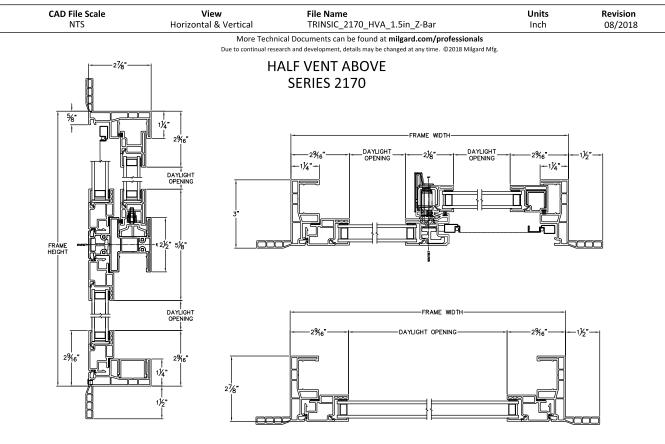
1-1/2" Contour Z-bar



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



1-1/2" Contour Z-bar - Half Vent Above



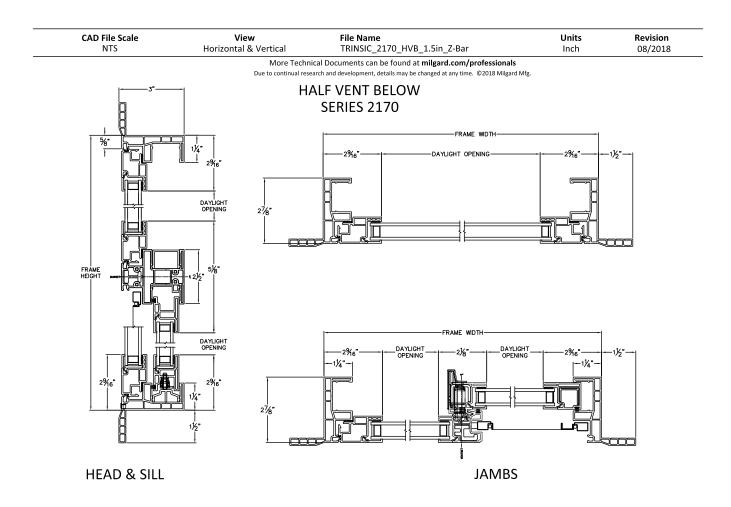
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



1-1/2" Contour Z-bar - Half Vent Below

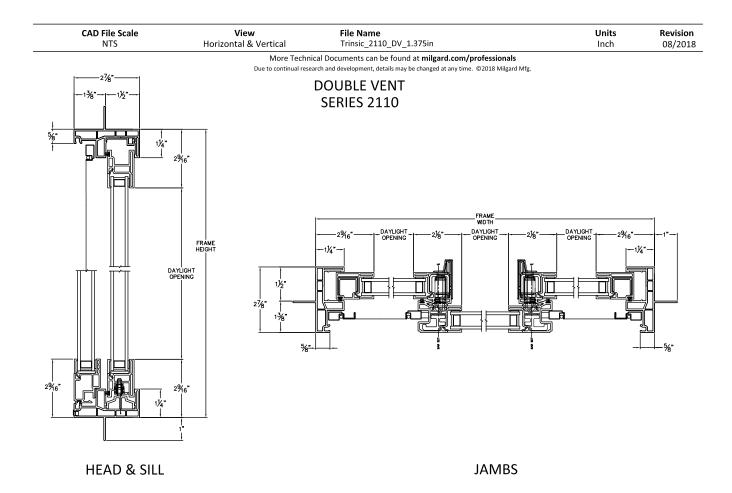






Double Vent Horizontal Sliding Window

1-3/8" Fin Setback

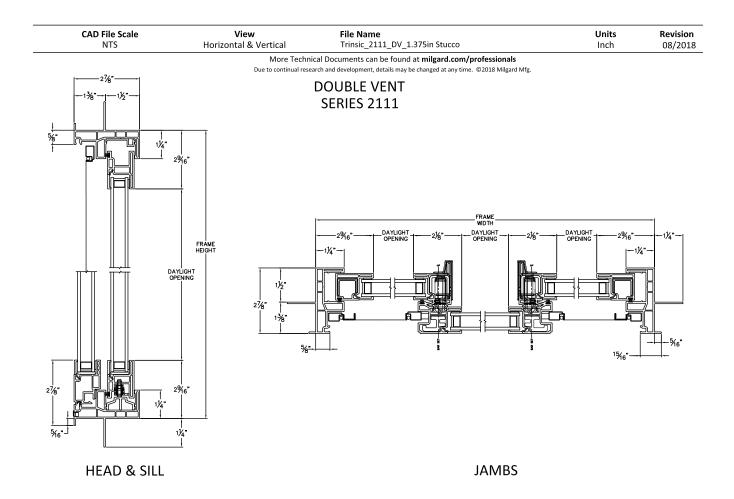


Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Double Vent Horizontal Sliding Window

1-3/8" Fin Setback with Stucco Key

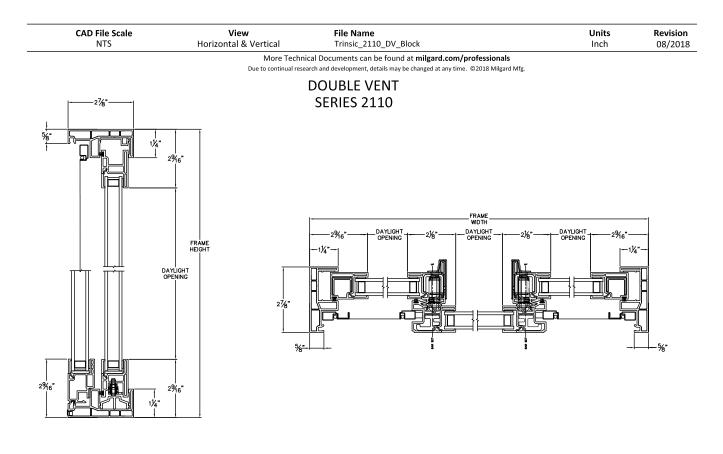


Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Double Vent Horizontal Sliding Window

Block Frame



HEAD & SILL

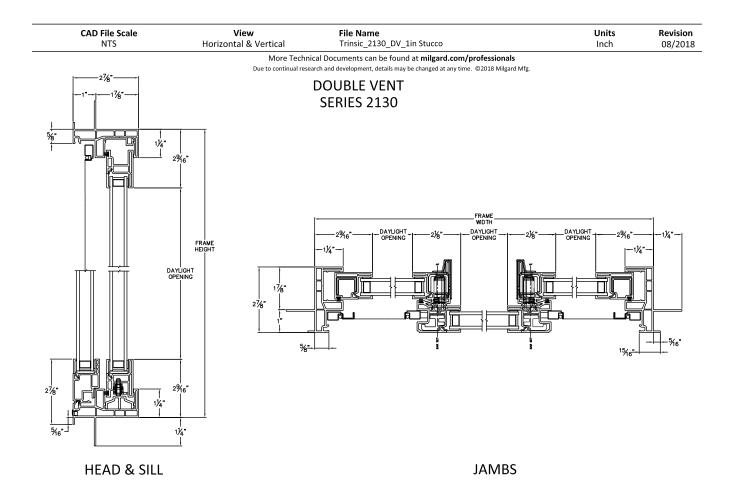
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Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Double Vent Horizontal Sliding Window

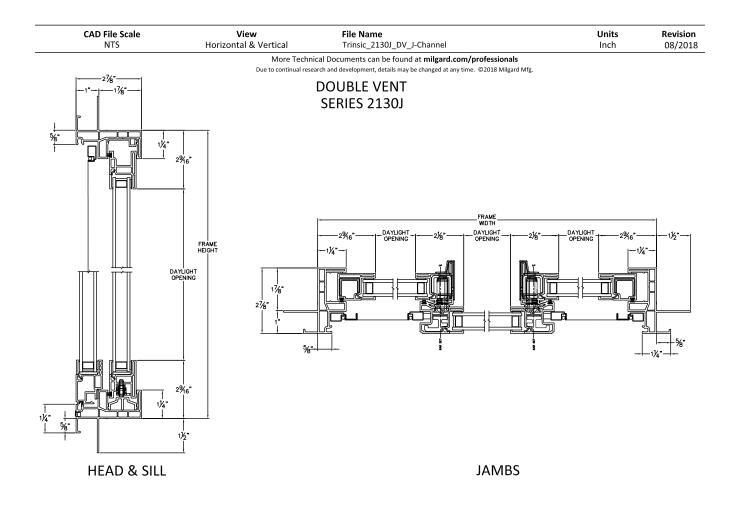
1" Fin Setback with Stucco Key





Double Vent Horizontal Sliding Window

1" Fin Setback with J-channel

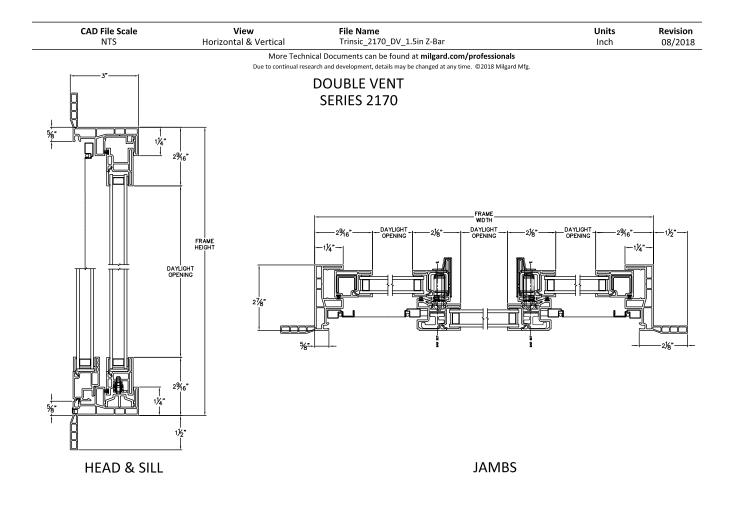


Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Double Vent Horizontal Sliding Window

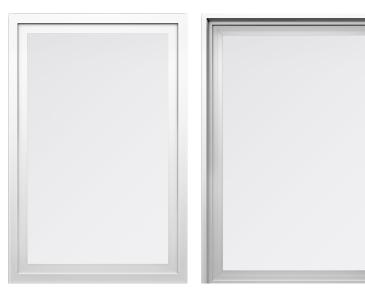
1-1/2" Contour Z-bar



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Picture and Radius Window



The Trinsic[™] Series vinyl (PVC) Picture window blends the energy efficiency and low maintenance of vinyl with clean lines and even sightlines.

The result is a window with maximum glass area. Available in white, tan, and clay (select regions), as well as premium painted exteriors. The windows will maintain their color and shape and can be constructed to your exact size specifications.



Please also see: Components Options Hardware Premium Exterior Vinyl Finishes Full Lifetime Warranty



Picture and Radius Window

Configurations

Picture

Quarter Round

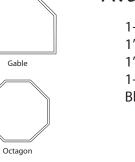
Half Round

Arch Top

Minimum/Maximum Sizes

Max 8°6°

Round Top Gable



Full Round

Available Frame Styles

Picture Window

_

Min 1°1°

1-3/8" Fin Setback 1" Fin Setback with J-channel 1" Fin Setback with Stucco Key 1-1/2" Contour Z-bar Block Frame (no fin)

NOTE: For engineering approval contact your Milgard representative for any configuration over 40 square feet. Each Milgard Manufacturing plant reserves the right to alter or change sizes and configurations according to location capabilities. Ask your Milgard rep about specialty applications. Windows over 40 square feet shipped open for field glazing. Varies by location.

Round Top/Picture

Arch Top/Picture

Not all frame styles available at all Milgard locations. Contact your Milgard Representative for more information.



Drawings - Quick Links

Picture/Radius Window

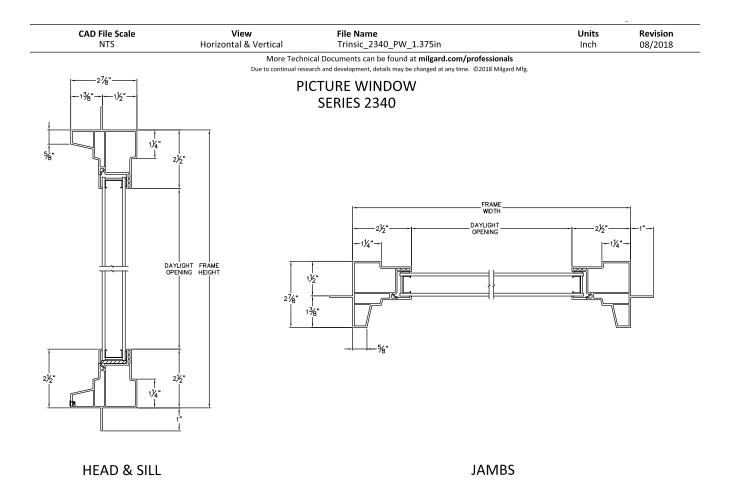
- 81—1-3/8" Fin Setback Step Frame
- 82—1-3/8" Fin Setback with Stucco Key Step Frame
- 83—1" Fin Setback with J-channel Step Frame
- 84—1" Fin Setback with Stucco Key Step Frame
- 85—1-3/8" Fin Setback Slider Frame
- 86—1-3/8" Fin Setback with Stucco Key Slider Frame
- 87—1" Fin Setback with Stucco Key Slider Frame
- 88—1" Fin Setback with J-channel Slider Frame
- 89-1-1/2" Contour Z-bar Slider Frame
- 90—Block Frame Slider Frame
- 91—1-3/8" Fin Setback Casement Frame
- 92—1-3/8" Fin Setback with stucco key Casement Frame

- 93—1" Fin Setback with stucco key Casement Frame
- 94—1" Fin Setback with J-channel Casement Frame
- 95—1.5" Contour Z-bar Casement Frame
- 96—Block Frame Casement Frame
- 97—2 Lites Vertical 1-3/8" Fin Setback Casement Frame
- 98—2 Lites Vertical 1-3/8" Fin Setback with stucco key - Casement Frame
- 99—2 Lites Vertical 1-3/8" Fin Setback with stucco key - Casement Frame
- 100—2 Lites Vertical 1" Fin Setback with stucco key - Casement Frame
- 101—2 Lites Vertical 1-1/2" Contour Z-bar -Casement Frame
- 102-2 Lites Vertical Block Frame Casement Frame





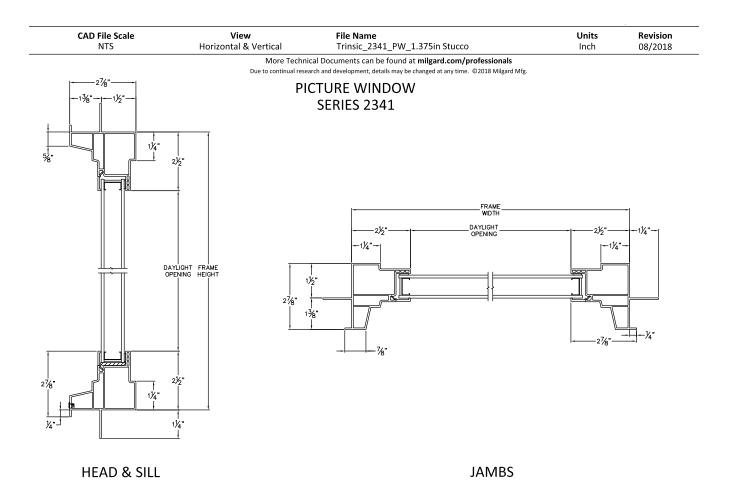
1-3/8" Fin Setback - Step Frame



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



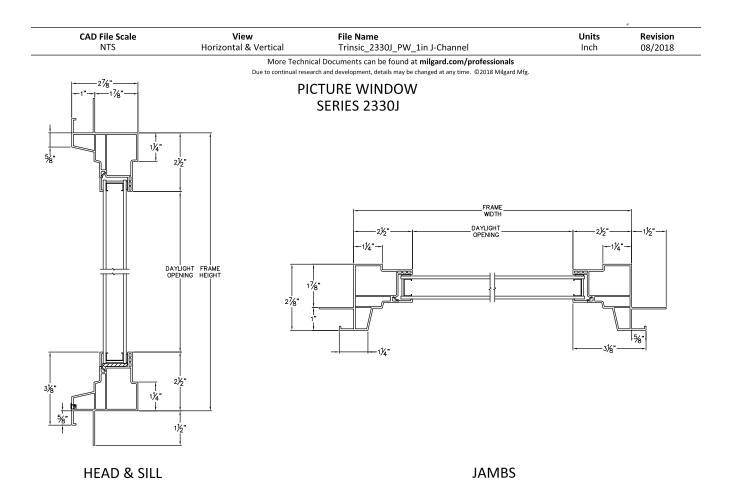
1-3/8" Fin Setback with Stucco Key - Step Frame



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



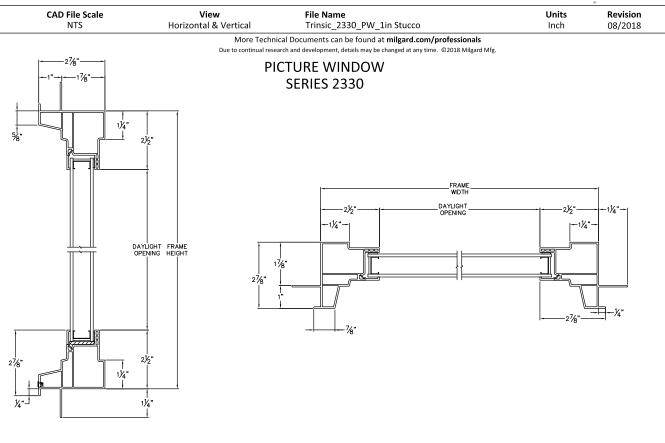
1" Fin Setback with J-channel - Step Frame



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



1" Fin Setback with Stucco Key - Step Frame



HEAD & SILL

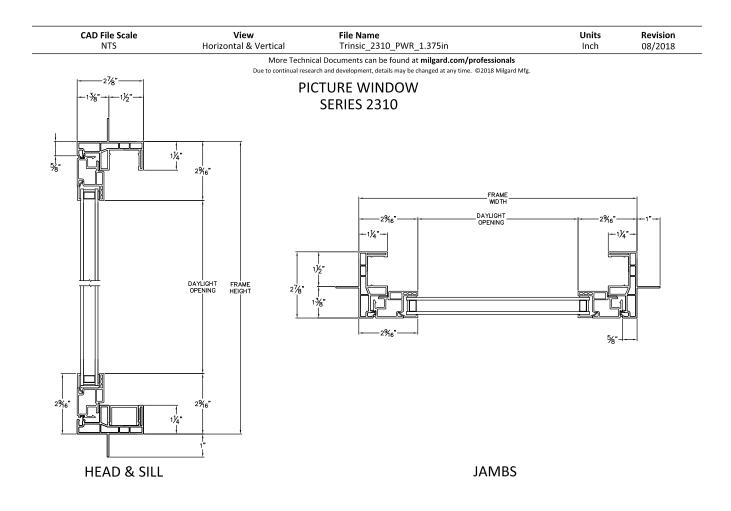
JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources





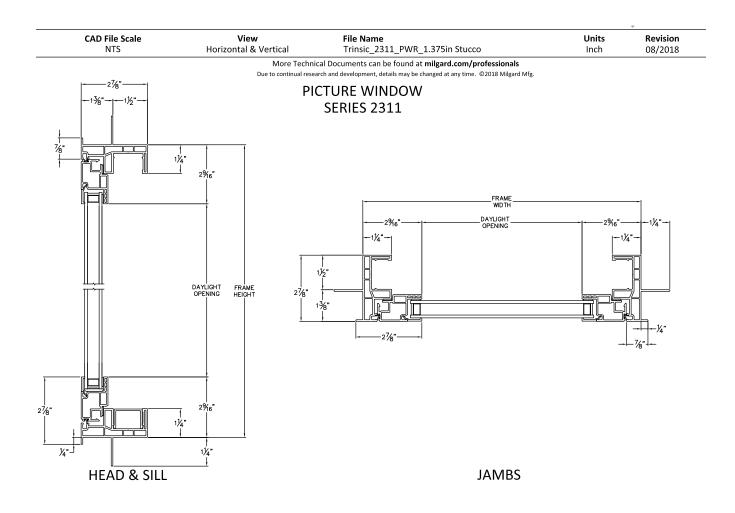
1-3/8" Fin Setback - Slider Frame



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



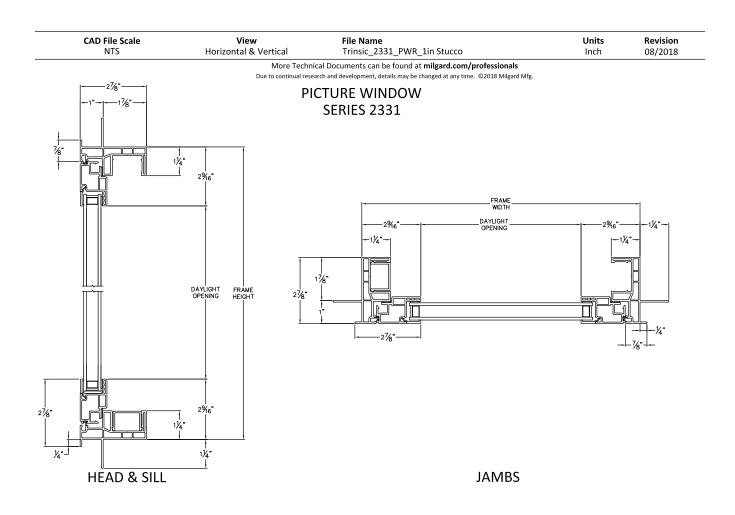
1-3/8" Fin Setback with Stucco Key - Slider Frame



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



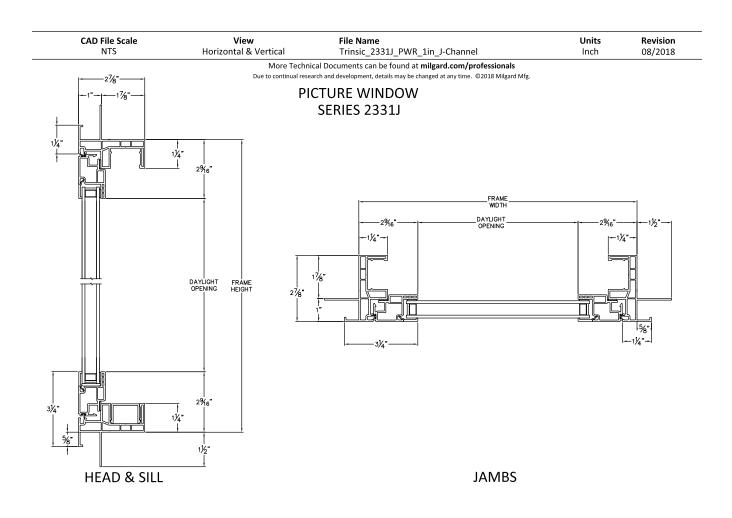
1" Fin Setback with Stucco Key - Slider Frame



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



1" Fin Setback with J-channel - Slider Frame

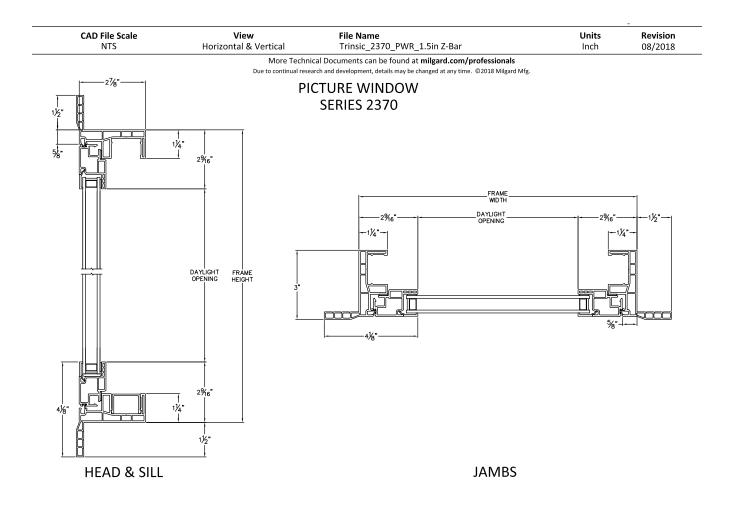


Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources





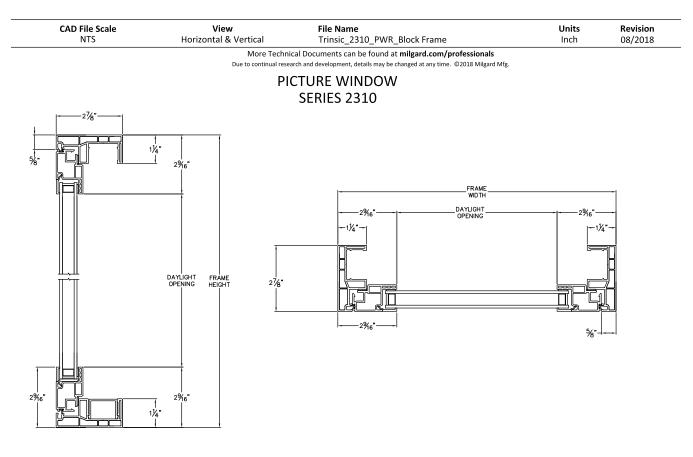
1-1/2" Contour Z-bar - Slider Frame



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Block Frame - Slider Frame



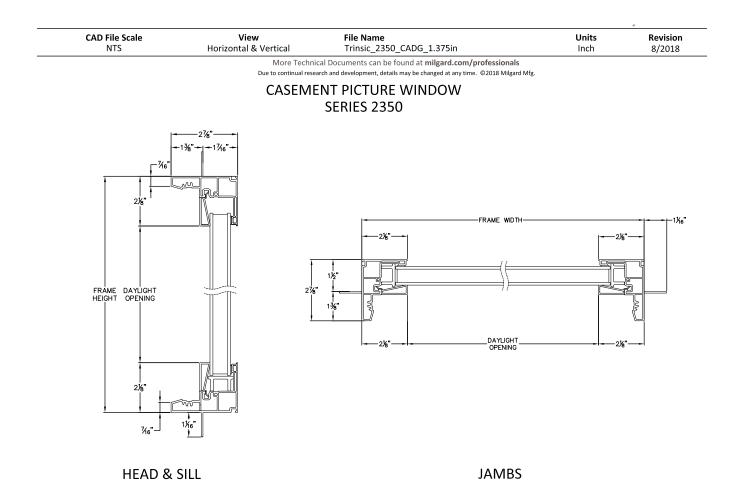
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



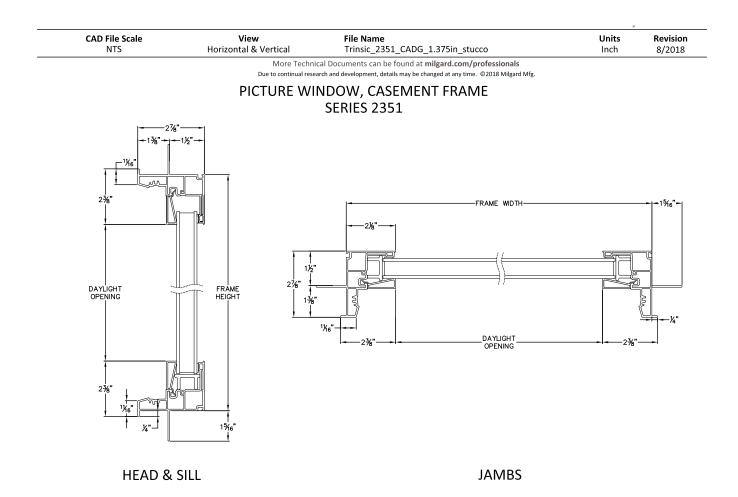
1-3/8" Fin Setback - Casement Frame



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



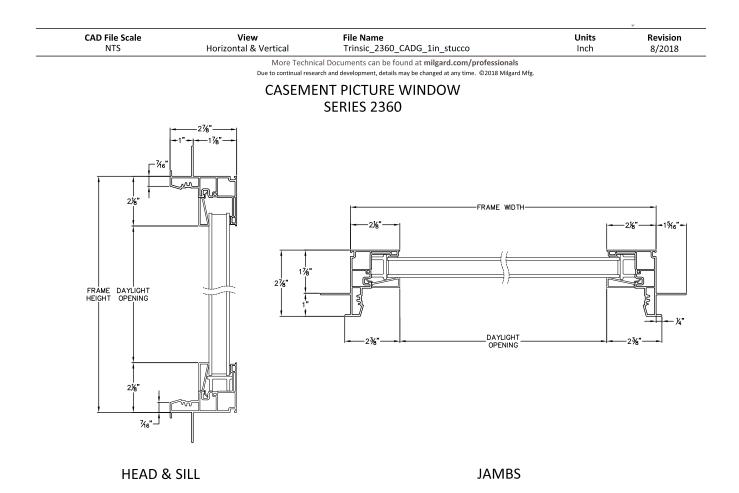
1-3/8" Fin Setback with stucco key - Casement Frame





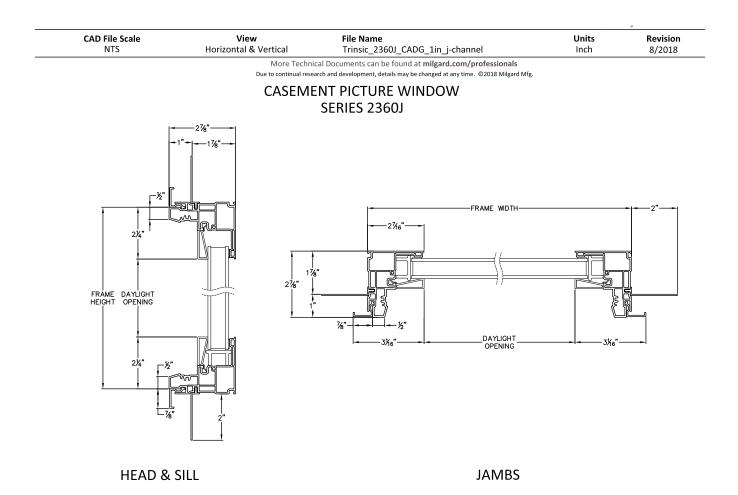


1" Fin Setback with stucco key - Casement Frame





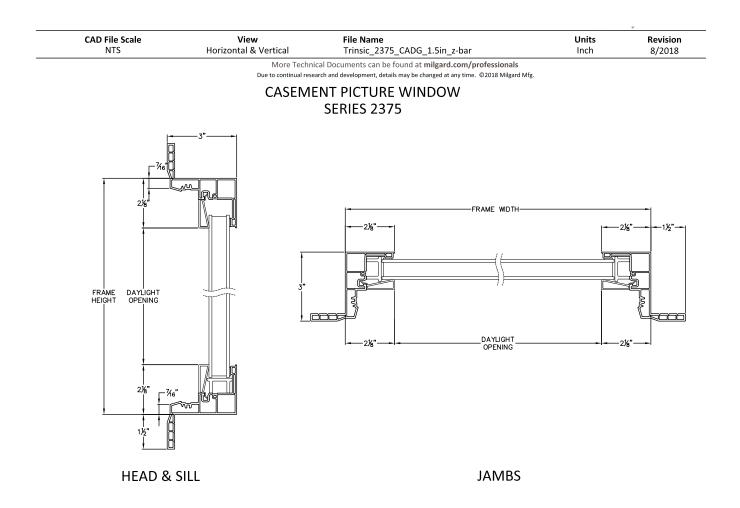
1" Fin Setback with J-channel - Casement Frame







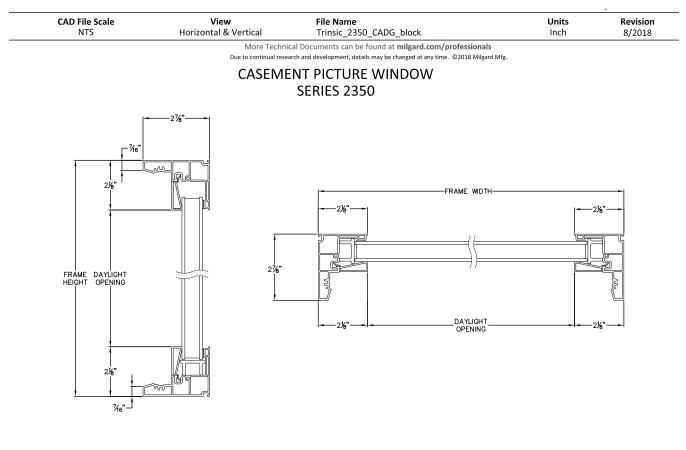
1.5" Contour Z-bar - Casement Frame



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Block Frame - Casement Frame



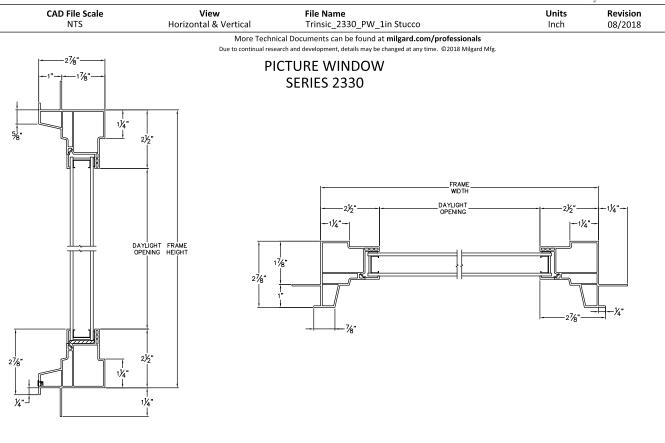
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



2 Lites Vertical - 1-3/8" Fin Setback - Casement Frame



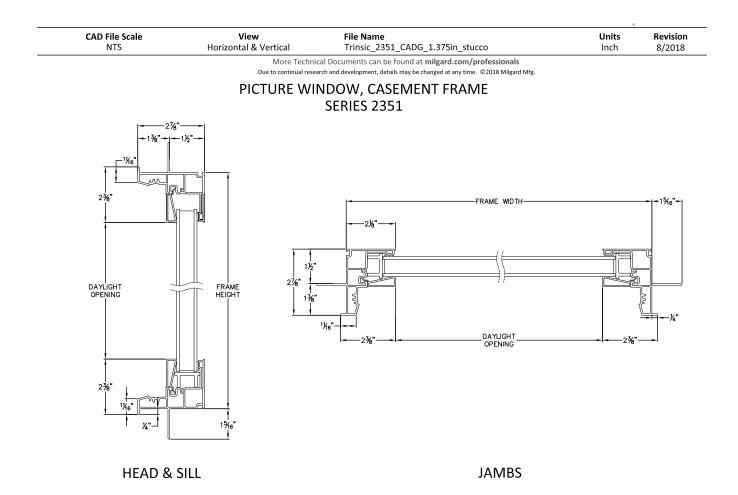
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



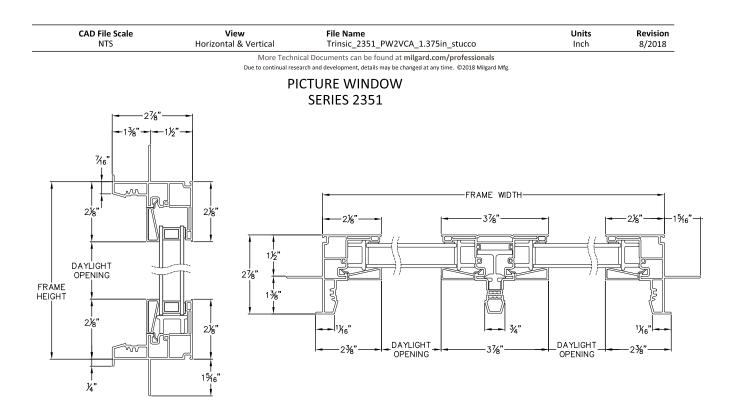
2 Lites Vertical - 1-3/8" Fin Setback with stucco key - Casement Frame







2 Lites Vertical - 1-3/8" Fin Setback with stucco key - Casement Frame



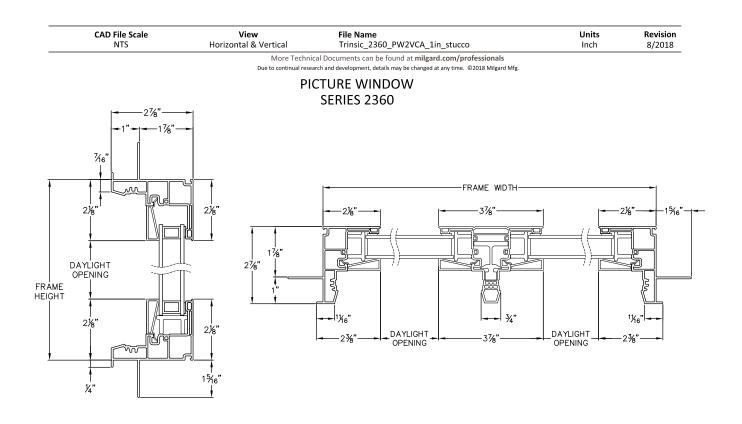
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



2 Lites Vertical - 1" Fin Setback with stucco key - Casement Frame



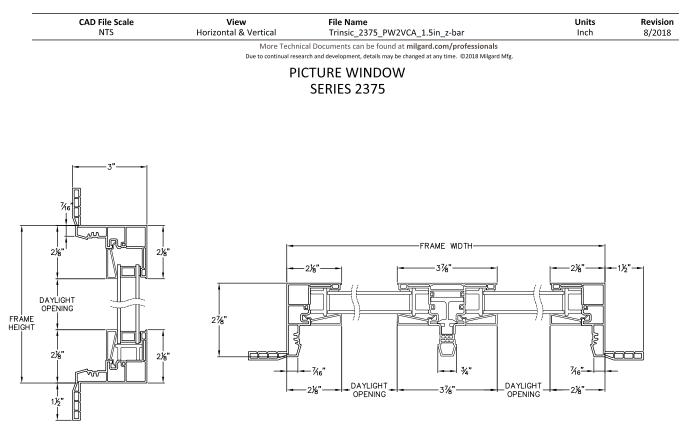
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



2 Lites Vertical - 1-1/2" Contour Z-bar - Casement Frame



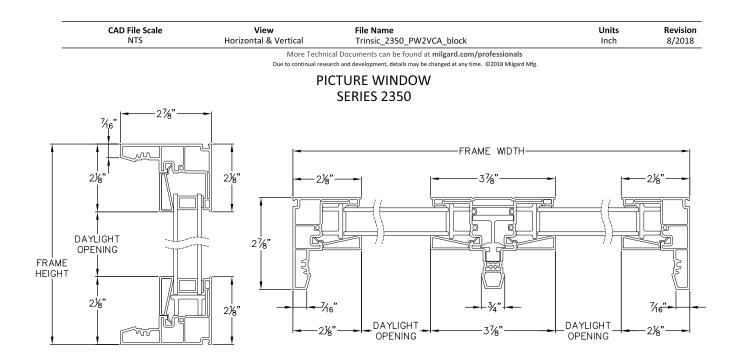
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



2 Lites Vertical - Block Frame - Casement Frame



HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources







The Trinsic[™] Series vinyl (PVC) Single Hung window blends the energy efficiency and low maintenance of vinyl with clean lines and even sightlines.

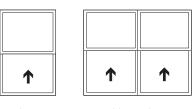
The result is a window with maximum glass area. Available in white, tan, and clay (select regions), as well as premium painted exteriors. The windows will maintain their color and shape and can be constructed to your exact size specifications.

Please also see:

Components Options Hardware Premium Exterior Vinyl Finishes Full Lifetime Warranty

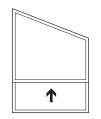


Configurations



Single Hung

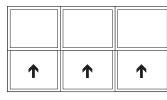
Double Single Hung



Gable Top Single Hung



Double Single Hung/Center Lite



Triple Single Hung

NOTE: For engineering approval contact your Milgard representative for any configuration over 40 square feet. Each Milgard Manufacturing plant reserves the right to alter or change sizes and configurations according to location capabilities. Ask your Milgard rep about specialty applications. Windows over 40 square feet shipped open for field glazing. Varies by location.

Not all frame styles available at all Milgard locations. Contact your Milgard Representative for more information.

Minimum/Maximum Sizes

Single-Hung

- Min 1°2⁶ Max 4°6⁶
- **Triple Single-Hung**
 - Min 3°2⁶ Max 9°6³

Available Frame Styles

- 1-3/8" Nail Fin Setback 1" Nail Fin Setback with Stucco Key 1" Nail Fin Setback with J-Channel 1-1/2" Contour Z-bar
- Block Frame (no fin)



Drawings - Quick Links

Single Hung Window

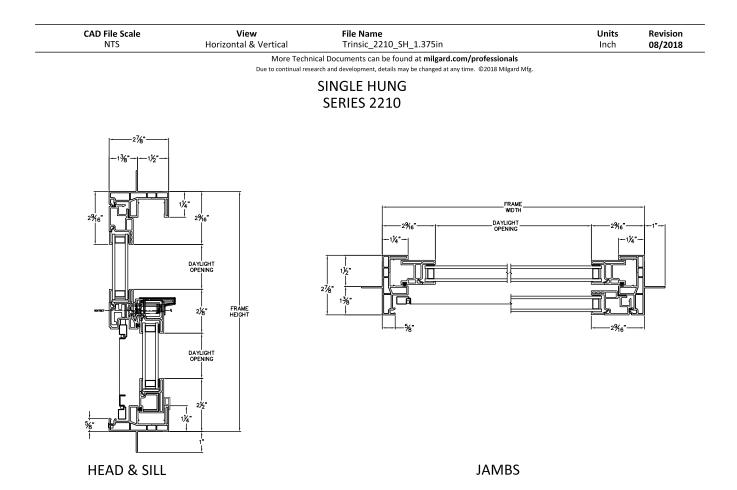
- 106—1-3/8" Fin Setback
- 107—1-3/8" Fin Setback with Stucco Key
- 108—Single Hung Above 1-3/8" Fin Setback
- 109—Single Hung Below 1-3/8" Fin Setback
- 110—Single Hung Above 1-3/8" Fin Setback with Stucco Key
- 111—Single Hung Below 1-3/8" Fin Setback with Stucco Key
- 112—Triple Single Hung 1-3/8" Fin Setback
- 113—Triple Single Hung 1-3/8" Fin Setback with Stucco Key
- 114—Block Frame
- 115—Single Hung Above Block Frame
- 116—Single Hung Below Block Frame
- 117—Triple Single Hung Block Frame

- 118—1" Fin Setback with J-channel
- 119—1" Fin Setback with Stucco Key
- 120—Single Hung Above 1" Fin Setback with Stucco Key
- 121—Triple Single Hung 1" Fin Setback with Stucco Key
- 122—Single Hung Below 1" Fin Setback with Stucco Key
- 123—Single Hung Above 1" Fin Setback with J-Channel
- 124—Single Hung Below 1" Fin Setback with J-Channel
- 125—Triple Single Hung 1" Fin Setback with J-channel
- 126—1-1/2" Z-bar
- 127—Single Hung Above 1-1/2" Contour Z-bar
- 128—Single Hung Below 1-1/2" Contour Z-bar
- 129—Triple Single Hung 1-1/2" Contour Z-bar





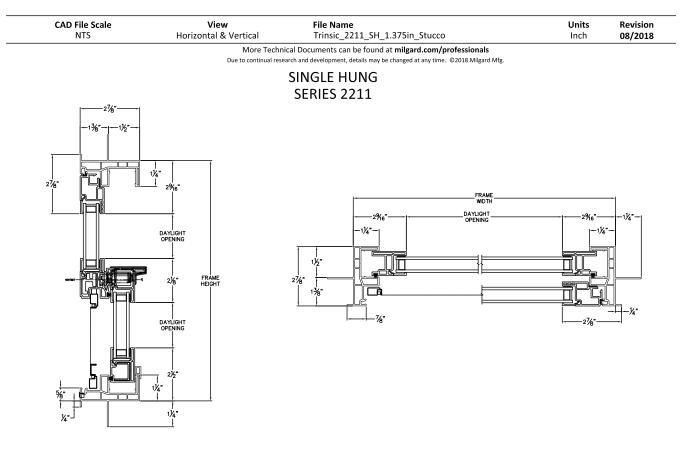
1-3/8" Fin Setback



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



1-3/8" Fin Setback with Stucco Key



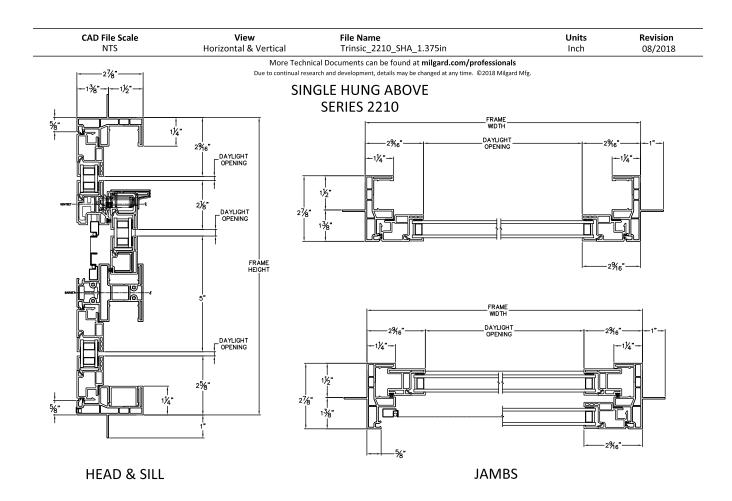
HEAD & SILL

JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



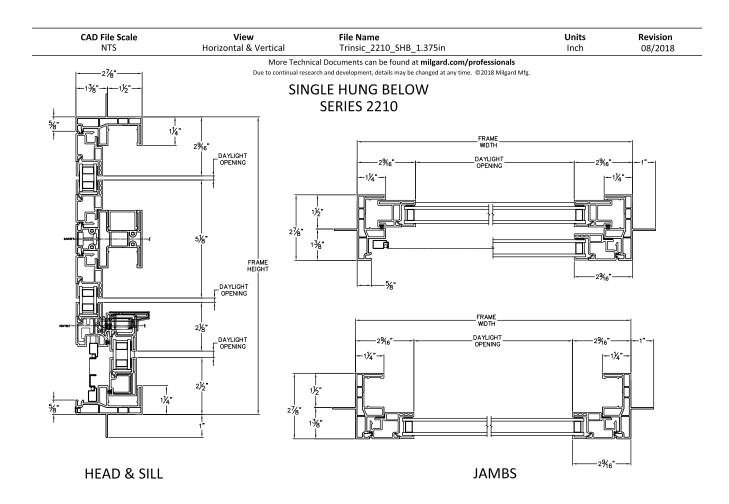
Single Hung Above - 1-3/8" Fin Setback



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



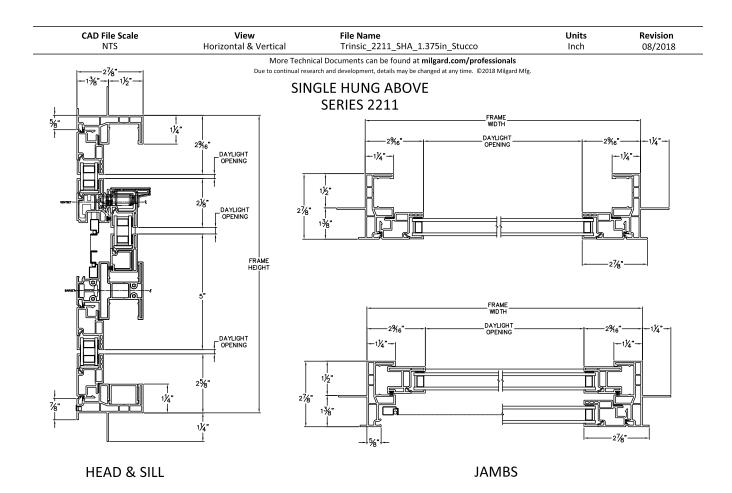
Single Hung Below - 1-3/8" Fin Setback







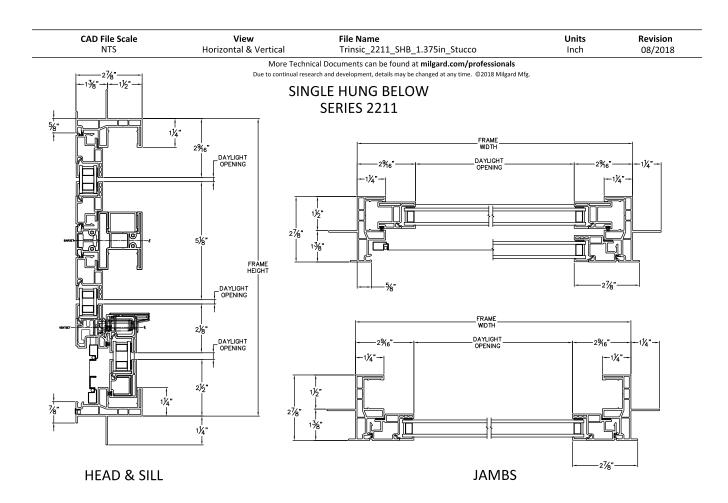
Single Hung Above - 1-3/8" Fin Setback with Stucco Key







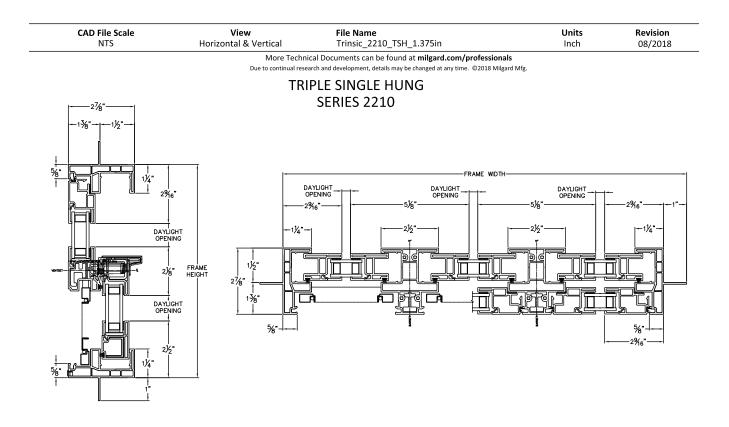
Single Hung Below - 1-3/8" Fin Setback with Stucco Key



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Triple Single Hung - 1-3/8" Fin Setback



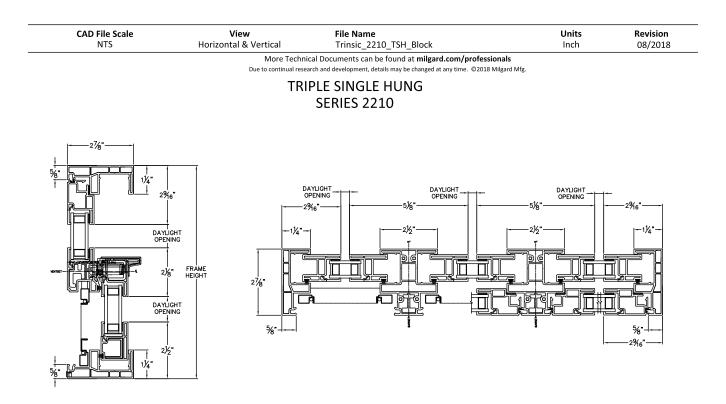
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Triple Single Hung - 1-3/8" Fin Setback with Stucco Key



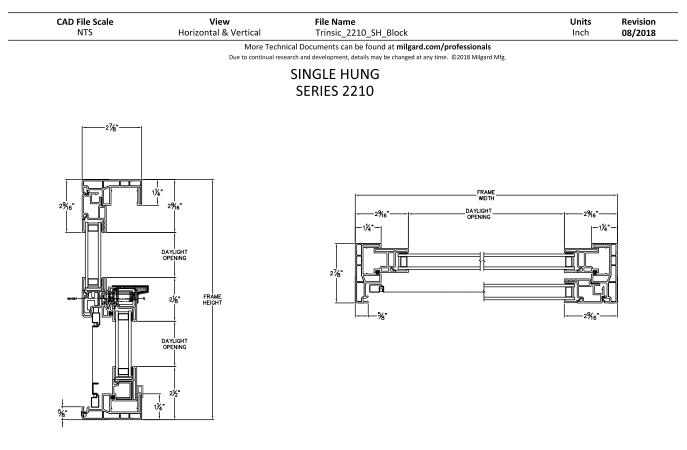
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Block Frame



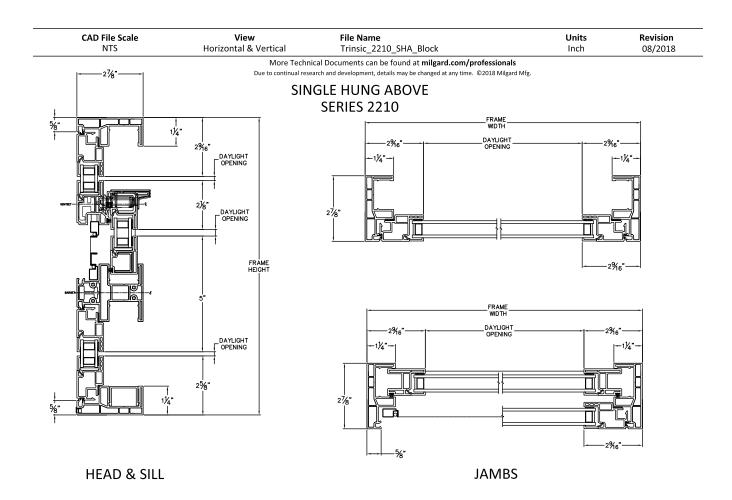
HEAD & SILL

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Single Hung Above - Block Frame

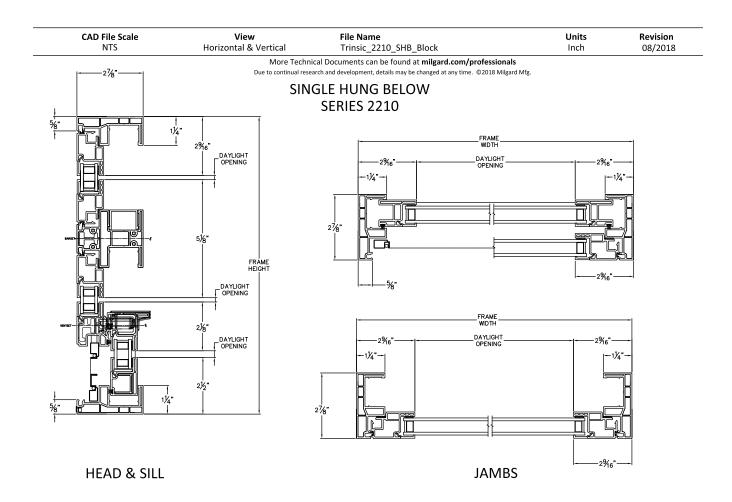


Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources





Single Hung Below - Block Frame

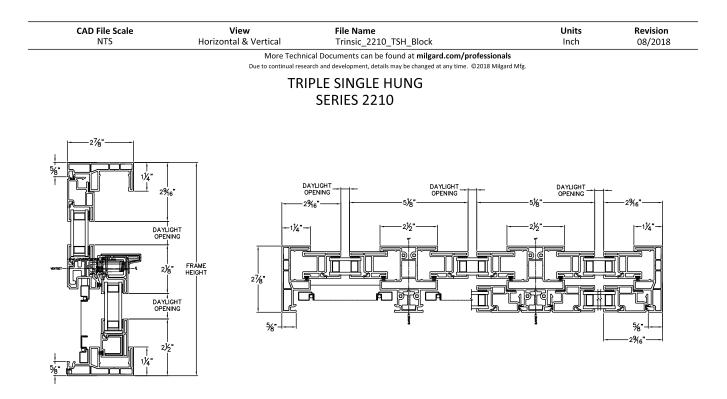


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Triple Single Hung - Block Frame



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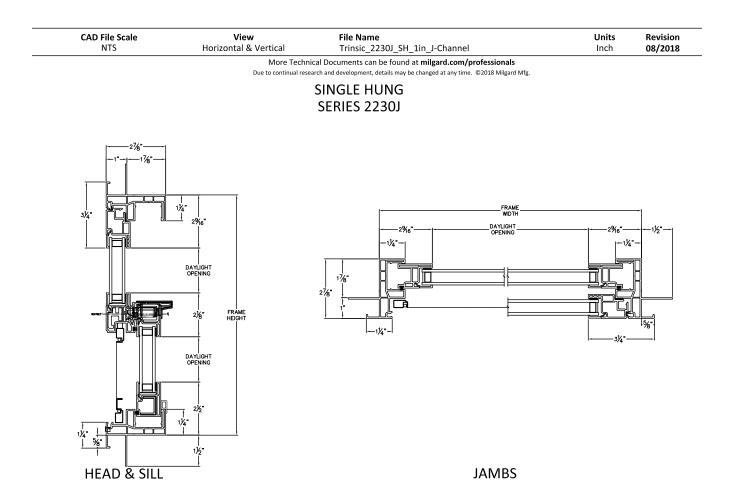
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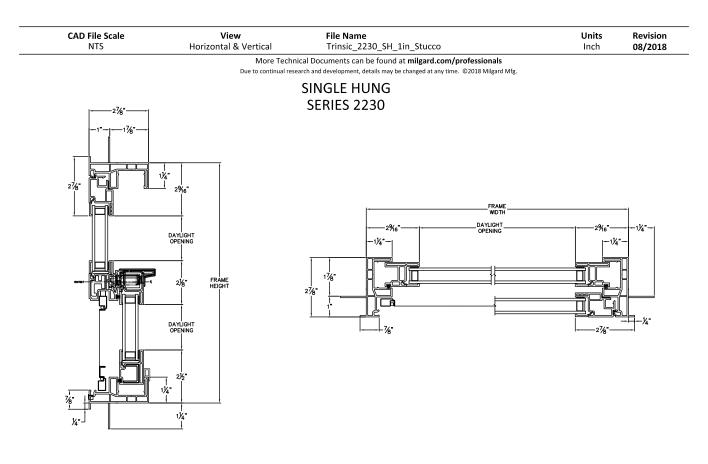
1" Fin Setback with J-channel



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1" Fin Setback with Stucco Key



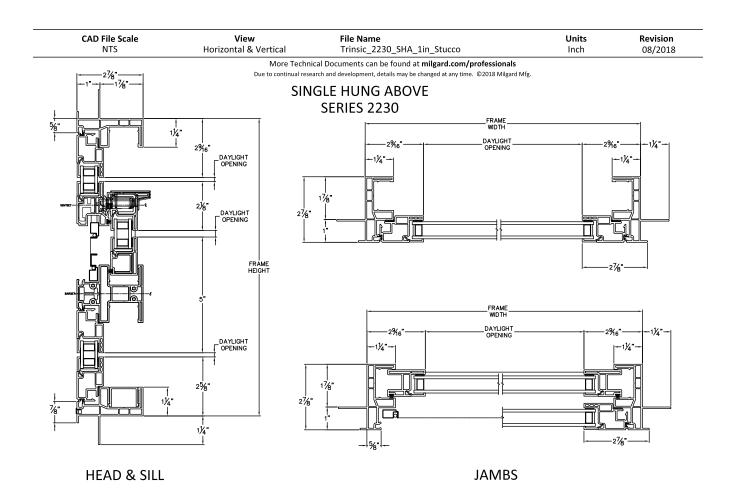
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Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



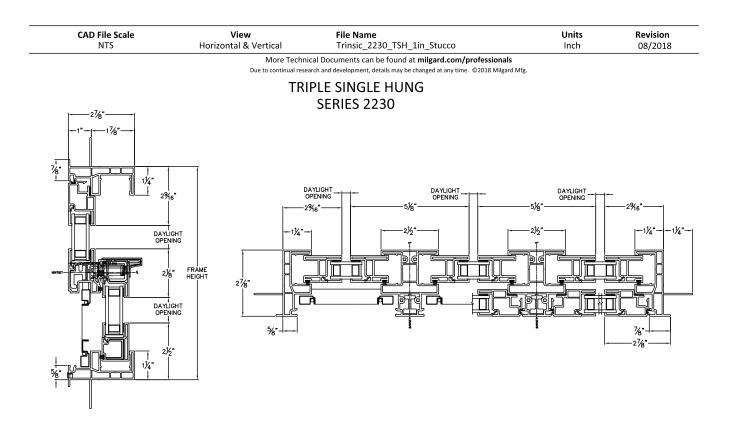
Single Hung Above - 1" Fin Setback with Stucco Key



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Triple Single Hung - 1" Fin Setback with Stucco Key



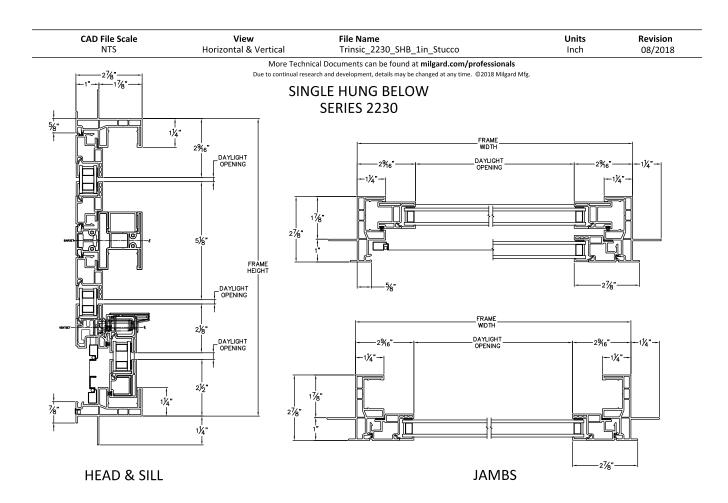
HEAD & SILL

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Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



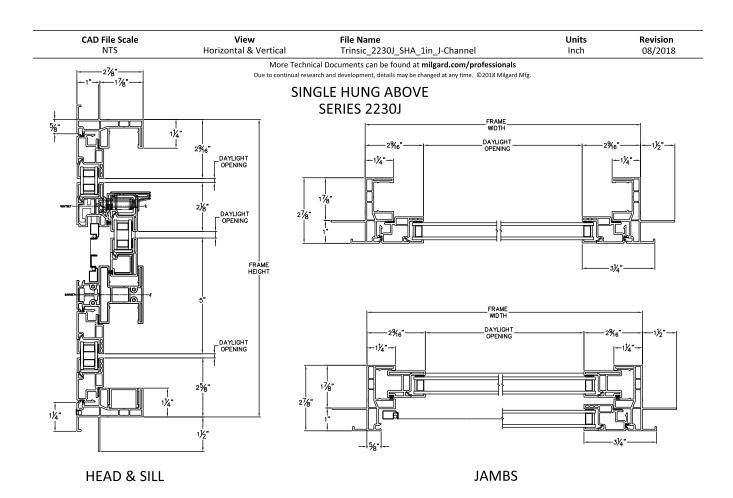
Single Hung Below - 1" Fin Setback with Stucco Key



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Single Hung Above - 1" Fin Setback with J-Channel

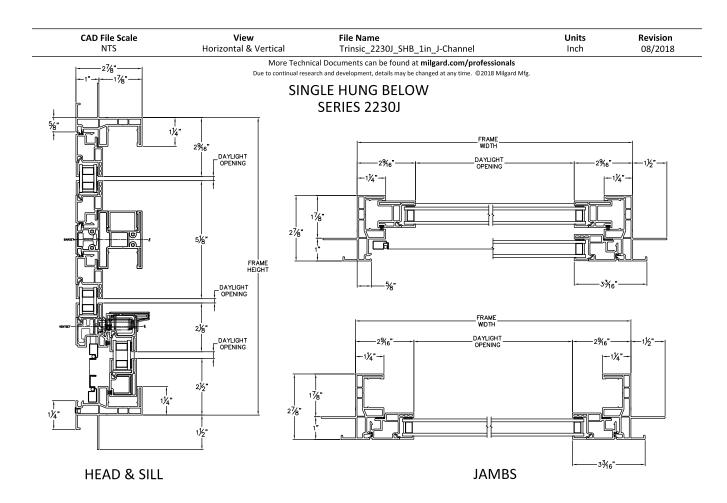


Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources





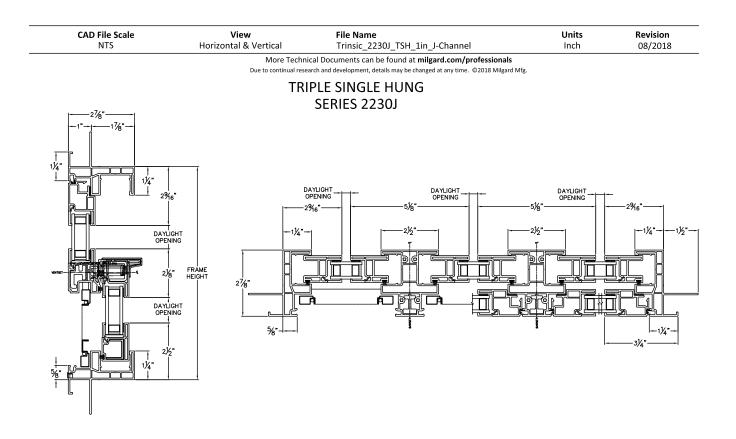
Single Hung Below - 1" Fin Setback with J-Channel



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



Triple Single Hung - 1" Fin Setback with J-channel



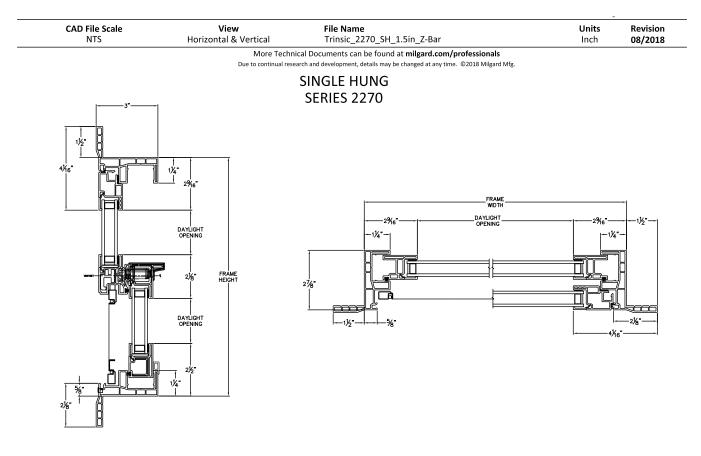
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1-1/2" Z-bar



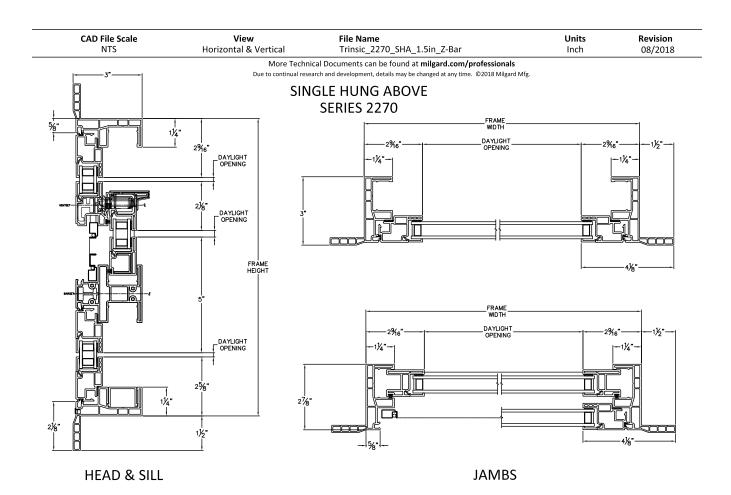
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Single Hung Above - 1-1/2" Contour Z-bar

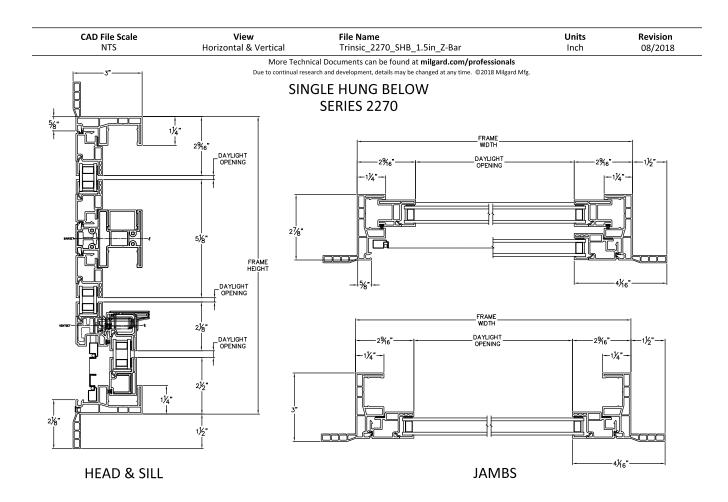


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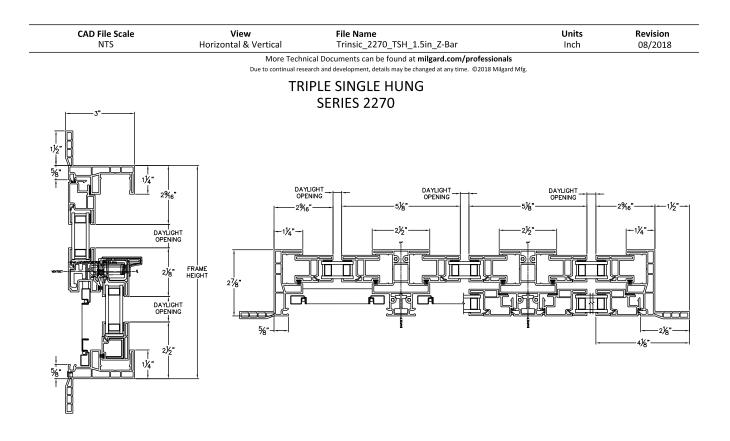
Single Hung Below - 1-1/2" Contour Z-bar



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Triple Single Hung - 1-1/2" Contour Z-bar



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The Trinsic[™] Series vinyl (PVC) sliding glass door blends the energy efficiency and low maintenance of vinyl with clean lines and even sightlines.

The result is a more contemporary look with maximum glazing area. Available in White, Tan or premium painted upgrade homogenous window frames, the durable vinyl exterior will never need painting. The windows will maintain their color and shape and can be constructed to your exact size specifications.

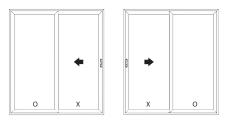


Please also see: Components Options Hardware Premium Exterior Vinyl Finishes Full Lifetime Warranty



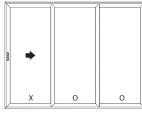
Sliding Patio Door Configurations

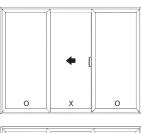
2 PANEL

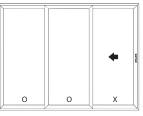


3 PANEL

Center operable panel can be handed left or right







4 PANEL

NOTE: For engineering approval contact your Milgard representative for any configuration over 40 square feet. Each Milgard Manufacturing plant reserves the right to alter or change sizes and configurations according to location capabilities. Ask your Milgard rep about specialty applications. Windows over 40 square feet shipped open for field glazing. Varies by location.

Not all frame styles available at all Milgard locations. Contact your Milgard Representative for more information.

Minimum/Maximum Sizes

Sliding Door - 2 panel

- Min 5°6⁸ Max 8°8°

Sliding Door - 3 panel

- Min 9°6⁸ Max 12°8°

Sliding Door - 4 panel

- Min 10°6⁸ Max 16°8°

Available Frame Styles

- 1-3/8" Fin Setback
- 1" Fin Setback
- 1" Fin Setback with Stucco Key
- 1-1/2" Contour Z-bar
- Block Frame (no fin)



Drawings - Quick Links

Sliding Patio Door

- 133—XO 1-3/8" Fin Setback
- 134—XO with -3/8" Fin Setback with Stucco Key
- 135—XO Block Frame
- 136—XO 1" Fin Setback
- 137—XO 1" Fin Setback with Stucco Key
- 138—XO 2-1/4" Contour Z-bar
- 139—OXO 1-3/8" Fin Setback
- 140—OXO 1-3/8" Fin Setback with Stucco Key
- 141—OXO Block Frame
- 142—OXO 1" Fin Setback
- 143—OXO 1" Fin Setback with Stucco Key
- 144—OXO 2-1/4" Contour Z-Bar

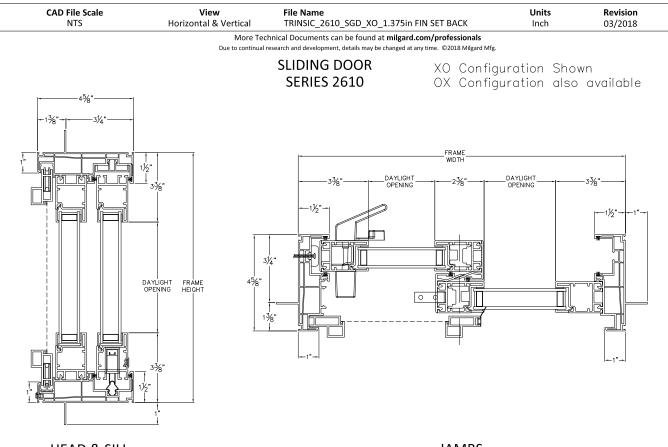
- 145—XOO 1-3/8" Fin Setback
- 146—XOO 1-3/8" Fin Setback with Stucco Key
- 147—XOO Block Frame
- 148—XOO 1" Fin Setback
- 149—XOO 1" Fin Setback with Stucco Key
- 150—XOO 2-1/4" Contour Z-Bar
- 151—OXXO 1-3/8" Fin Setback
- 152—OXXO 1-3/8" Fin Setback with Stucco Key
- 153—OXXO Block Frame
- 154—OXXO 1" Fin Setback
- 155—OXXO 1" Fin Setback with Stucco Key
- 156—OXXO 2-1/4" Contour Z-Bar

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources





XO 1-3/8" Fin Setback



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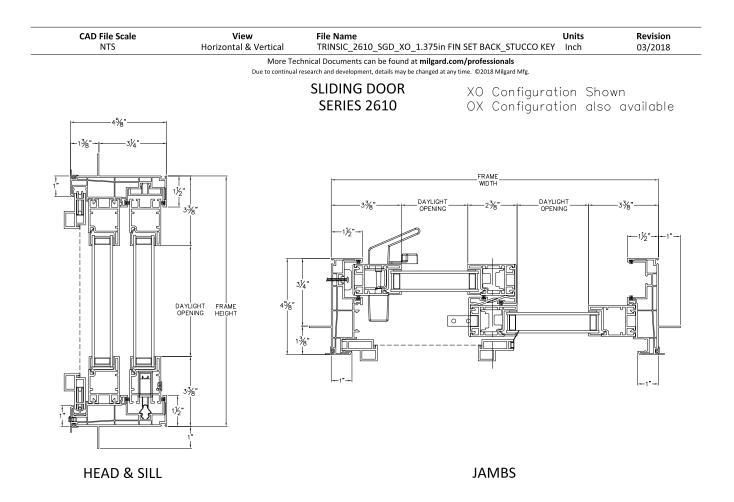
JAMBS

Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources





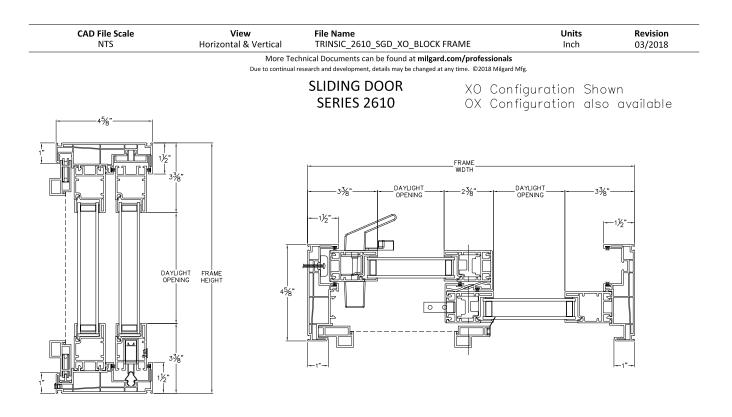
XO with -3/8" Fin Setback with Stucco Key



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



XO Block Frame



HEAD & SILL

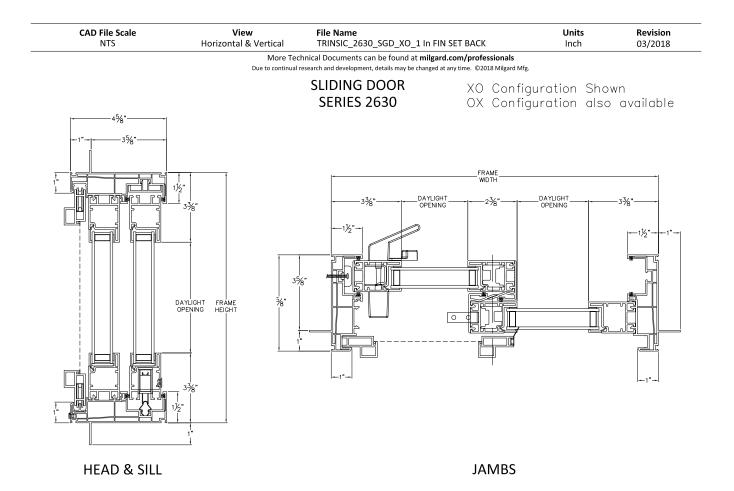
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XO 1" Fin Setback

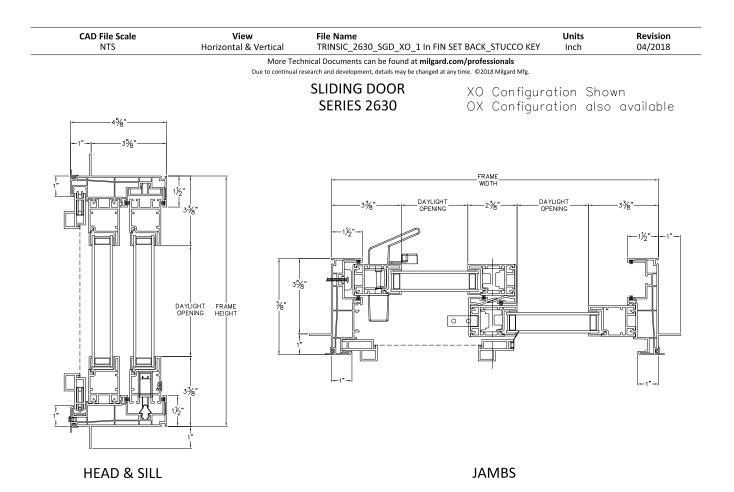


Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources





XO 1" Fin Setback with Stucco Key

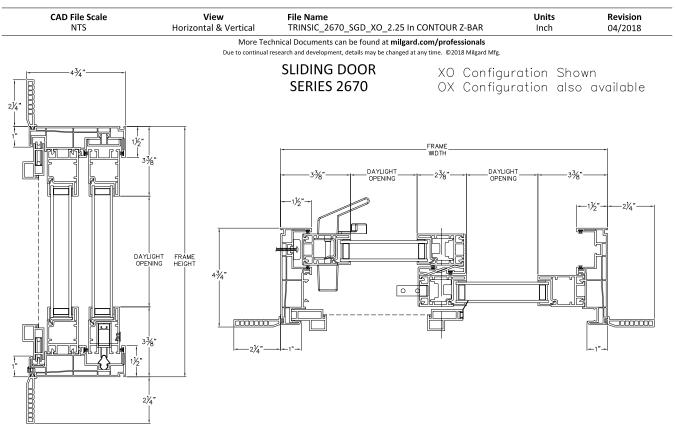


Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources





XO 2-1/4" Contour Z-bar



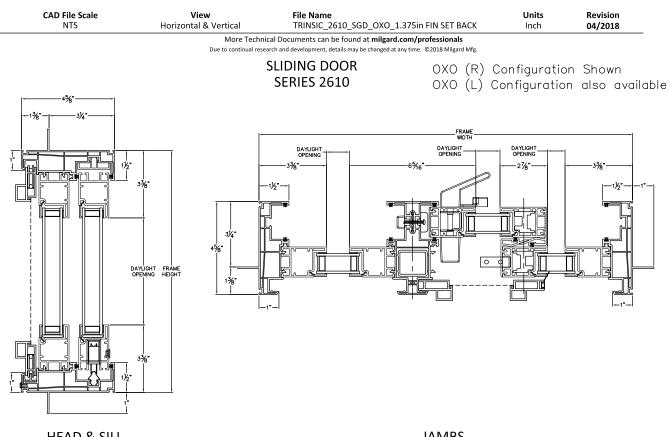
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OXO 1-3/8" Fin Setback



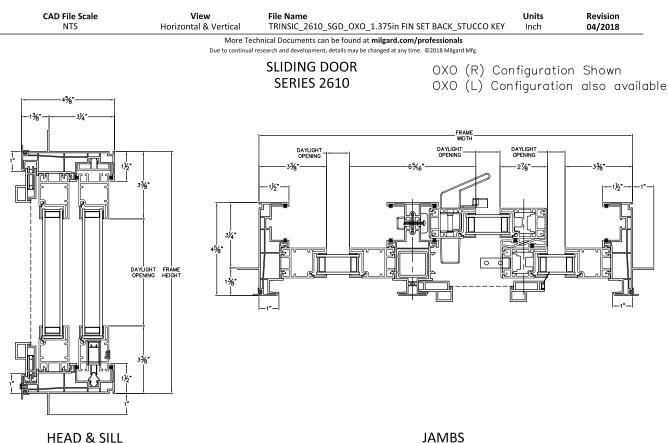
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OXO 1-3/8" Fin Setback with Stucco Key



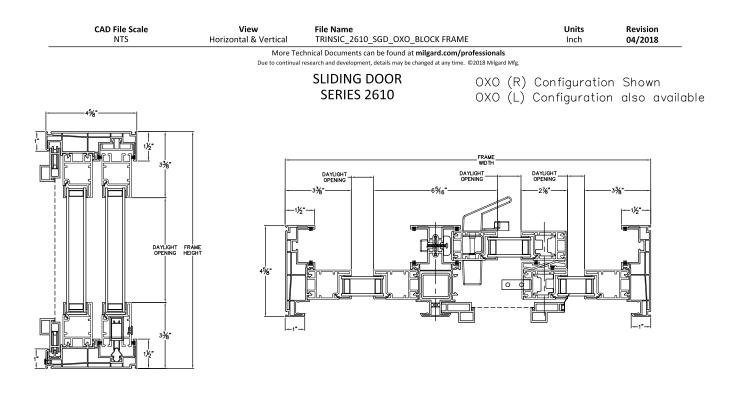
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OXO Block Frame



HEAD & SILL

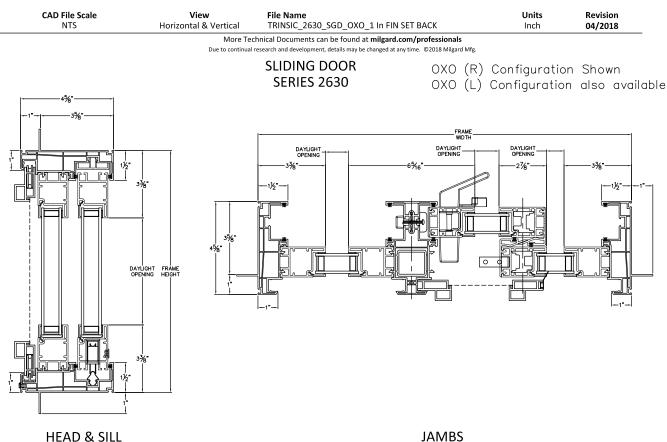
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OXO 1" Fin Setback

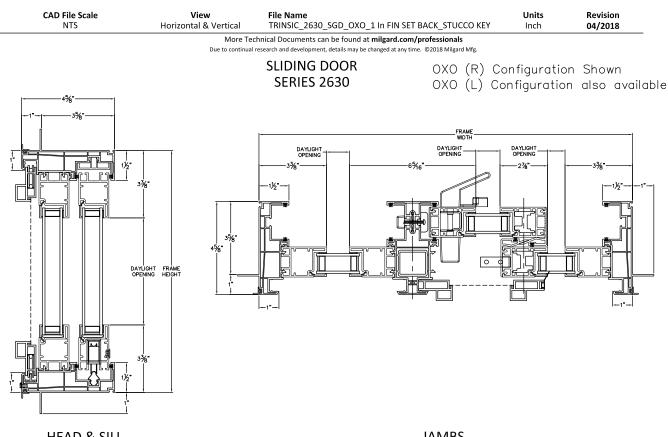


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OXO 1" Fin Setback with Stucco Key



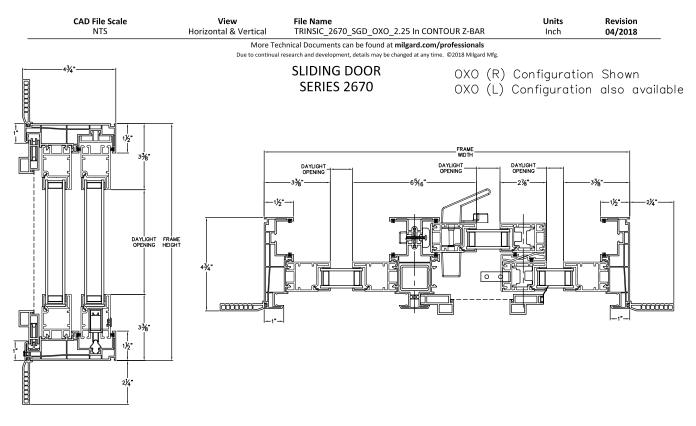
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OXO 2-1/4" Contour Z-Bar



HEAD & SILL

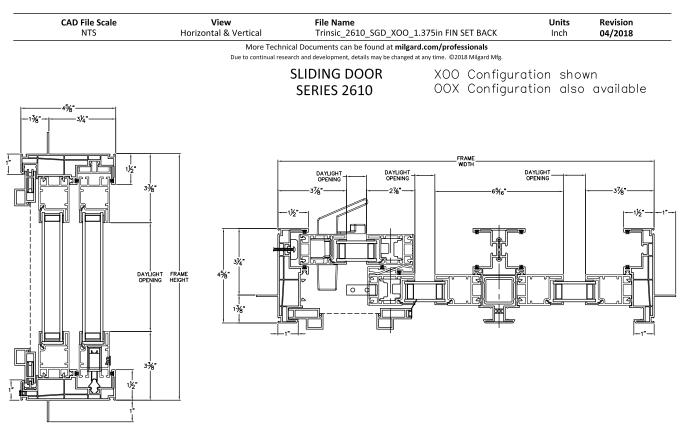
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XOO 1-3/8" Fin Setback



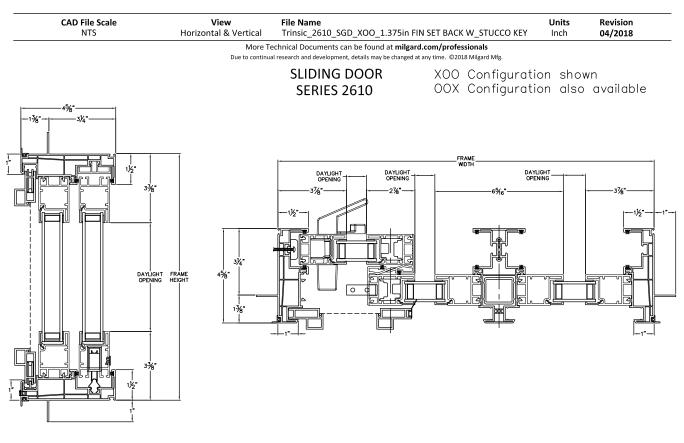
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XOO 1-3/8" Fin Setback with Stucco Key



HEAD & SILL

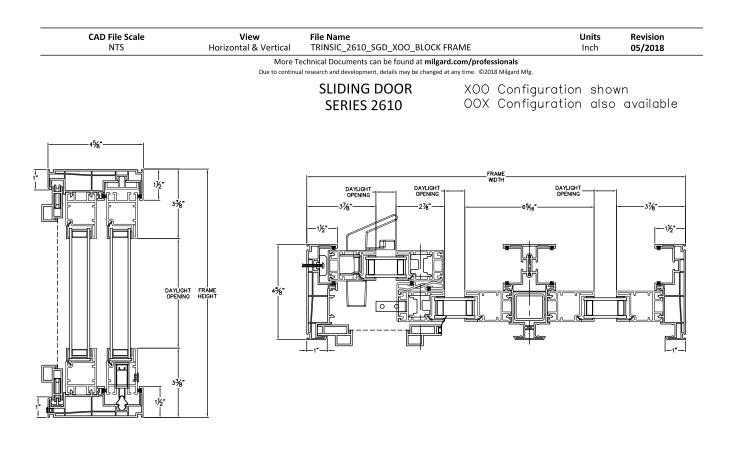
JAMBS

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XOO Block Frame

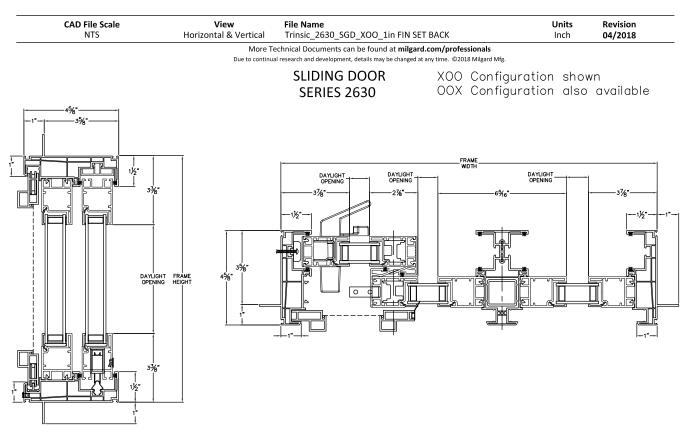


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XOO 1" Fin Setback



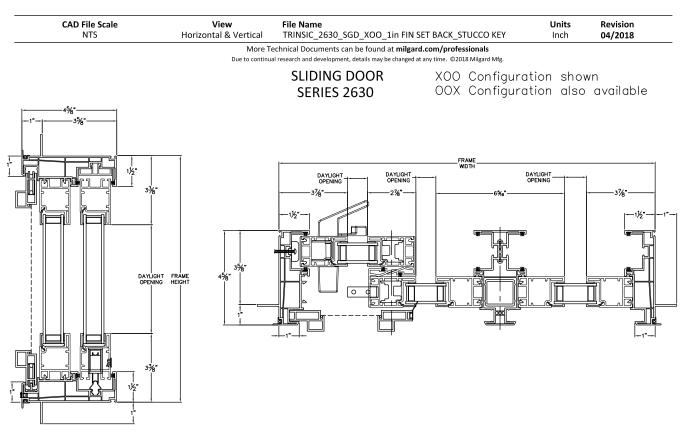
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XOO 1" Fin Setback with Stucco Key



HEAD & SILL

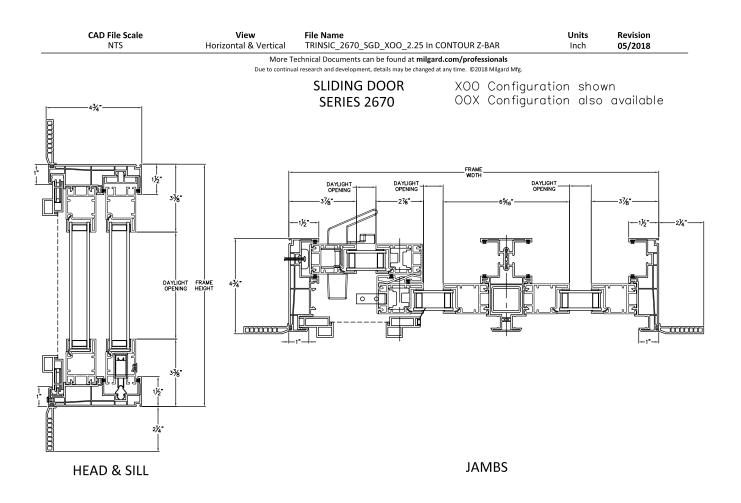
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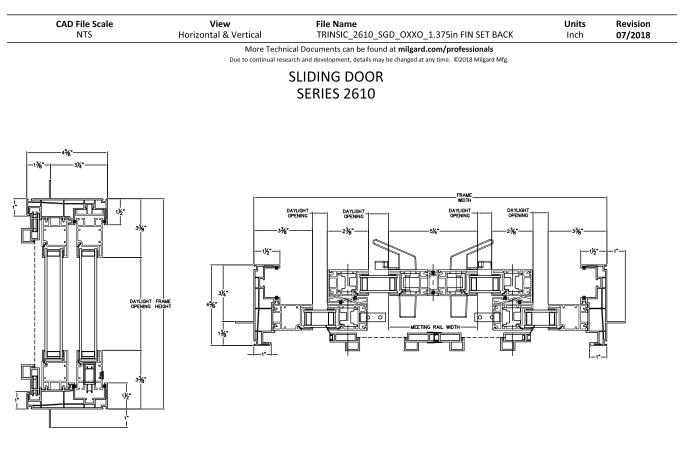
XOO 2-1/4" Contour Z-Bar



Revit, SketchUp, .PDF and .DWG files can be accessed at milgard.com/professionals/technical-resources



OXXO 1-3/8" Fin Setback



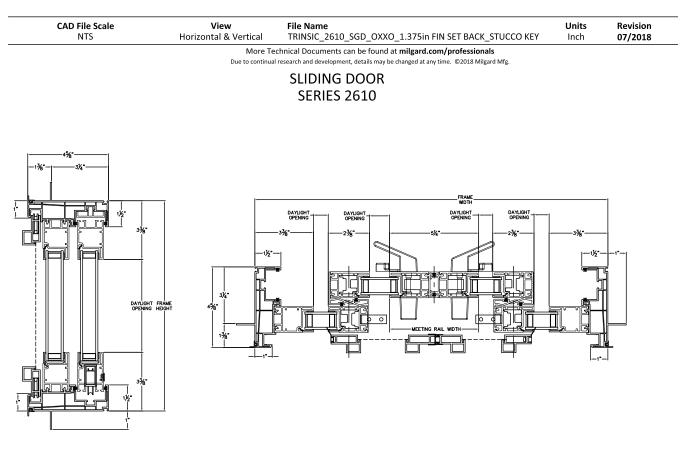
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OXXO 1-3/8" Fin Setback with Stucco Key



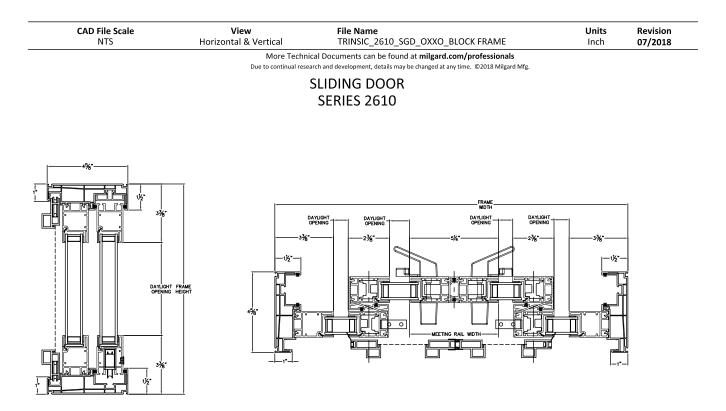
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OXXO Block Frame



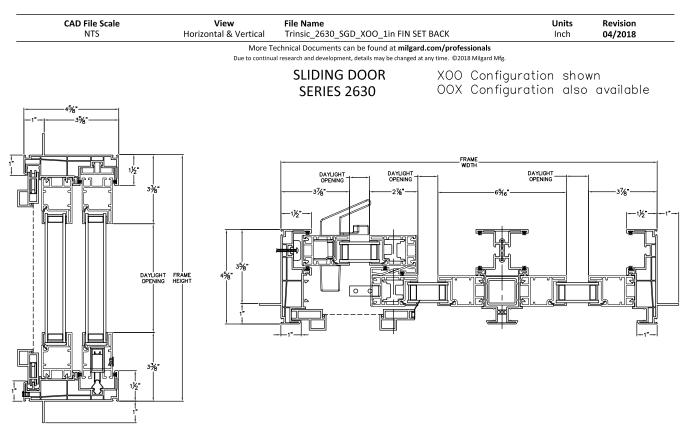
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OXXO 1" Fin Setback



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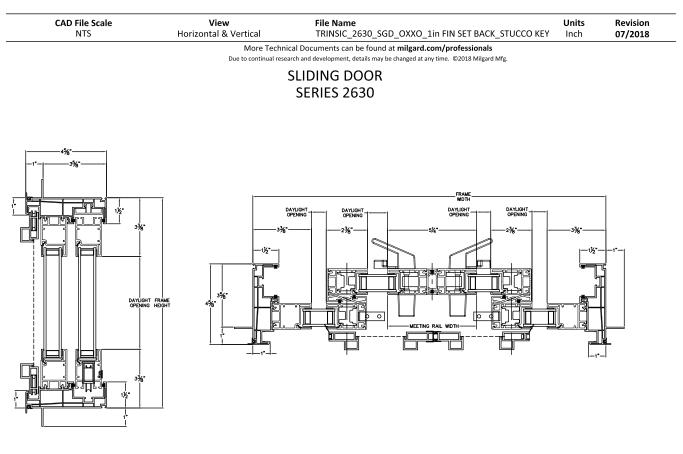
JAMBS

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OXXO 1" Fin Setback with Stucco Key



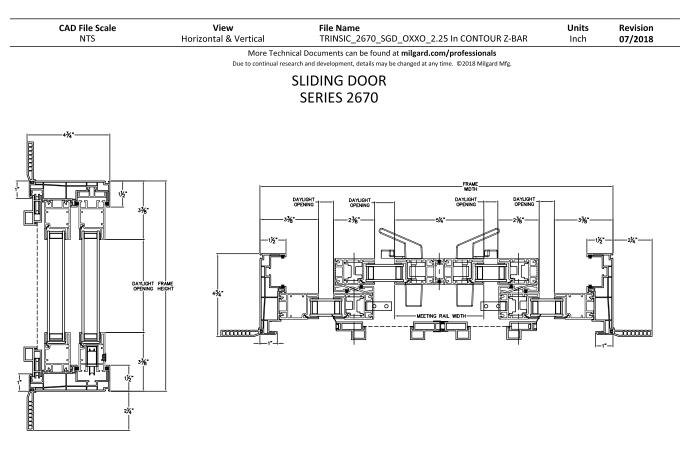
HEAD & SILL

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OXXO 2-1/4" Contour Z-Bar



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