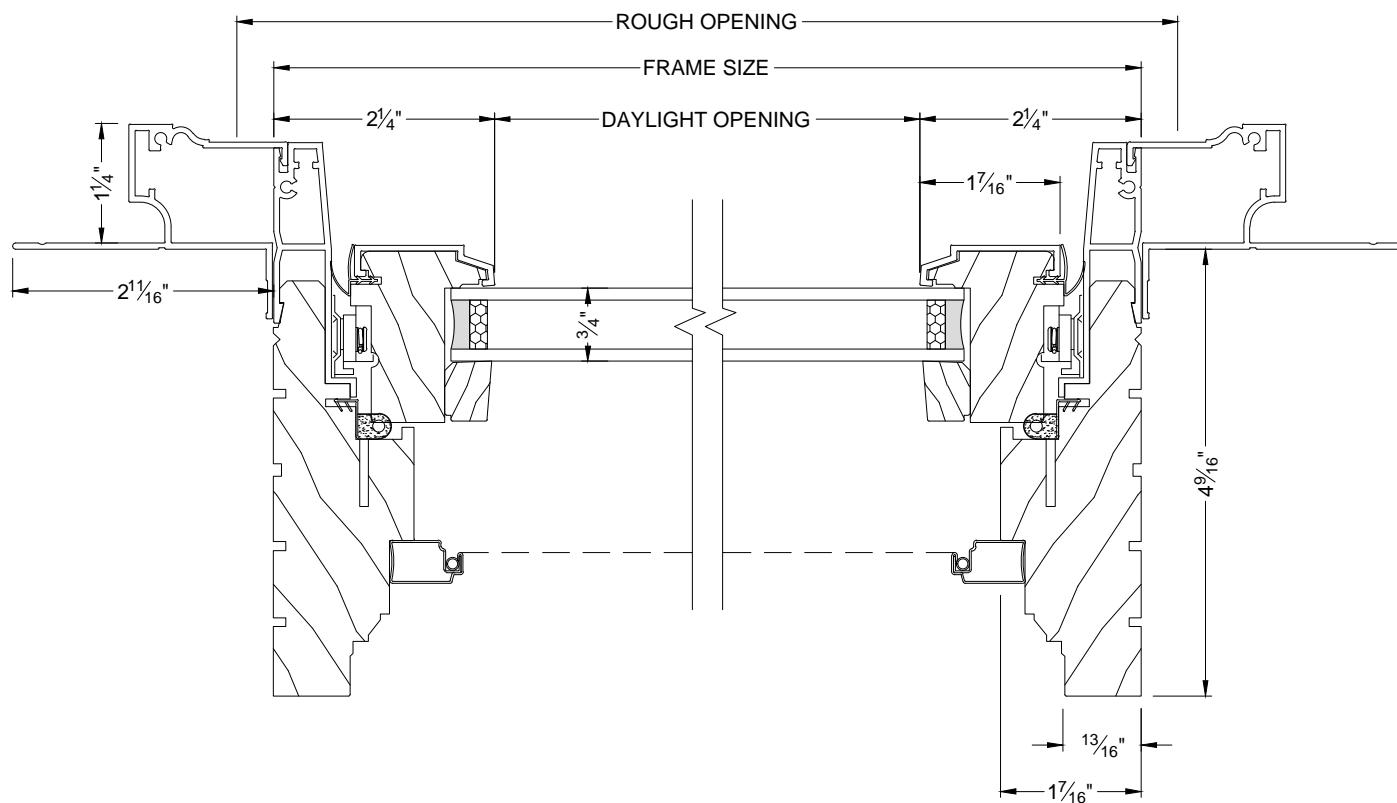


Colonial 4 $\frac{9}{16}$ " Jamb
Clad Brickmould
Horizontal/Operable Section - Narrow Sash

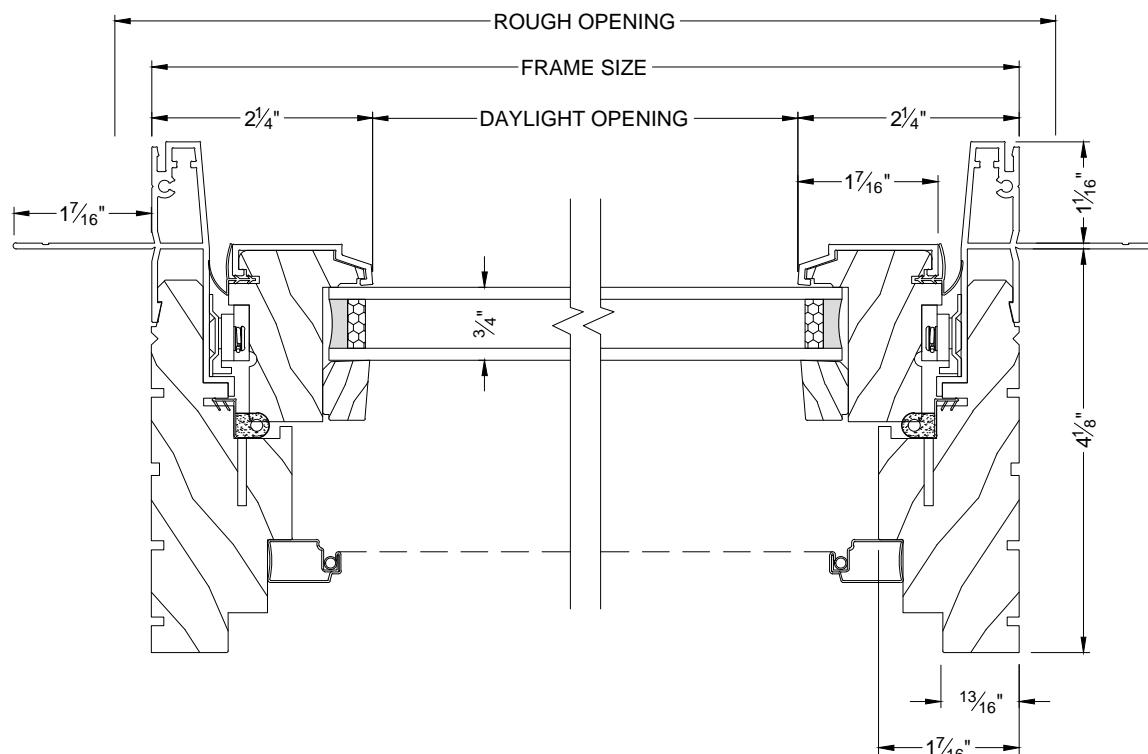
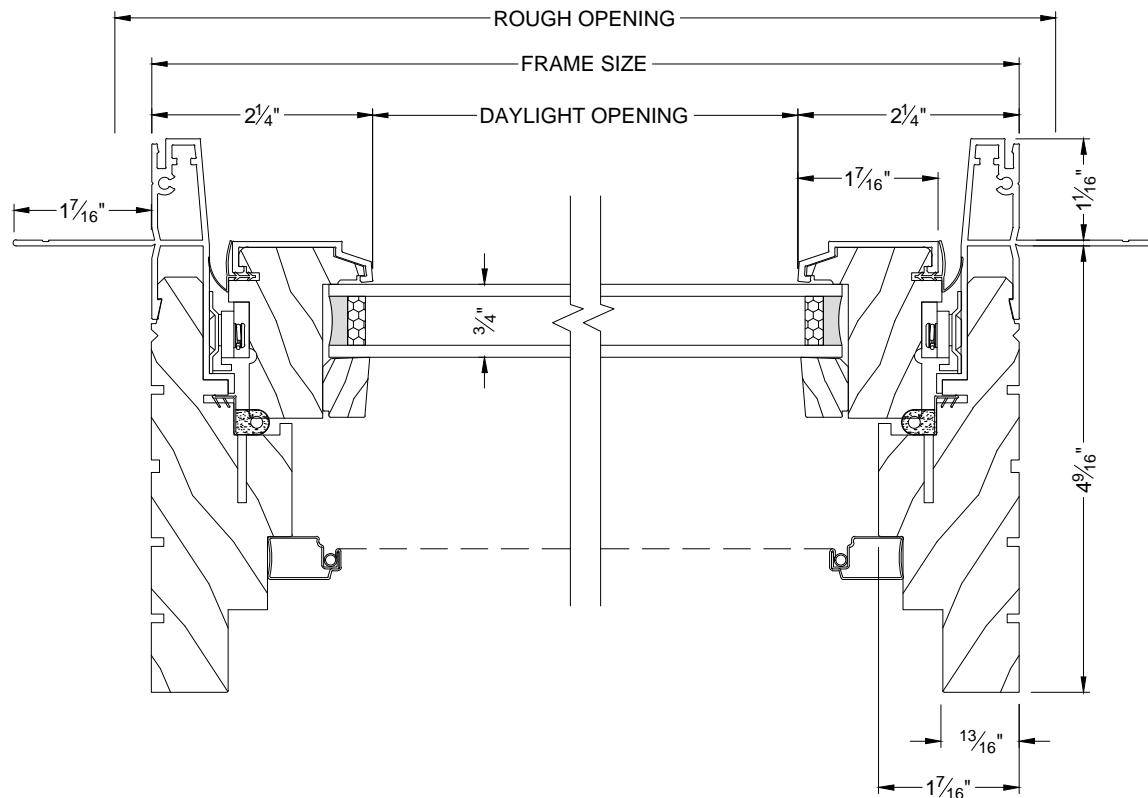


Updated: 5/15

Note: Sierra Pacific Windows reserves the right to change specifications without notice.

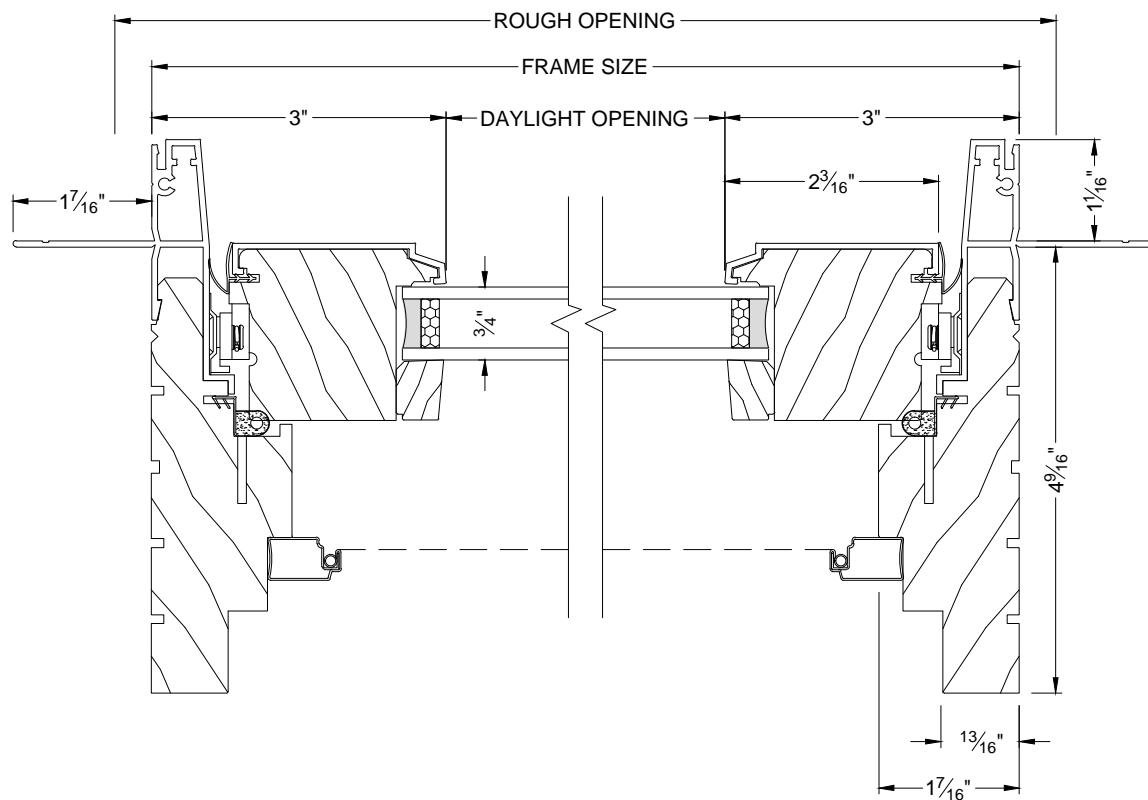
Contemporary 4 $\frac{9}{16}$ " & 4 $\frac{1}{8}$ " Jamb

Horizontal/Operable Section - Narrow Sash



Contemporary 4 $\frac{9}{16}$ " Jamb

Horizontal/Operable Section - Wide Sash

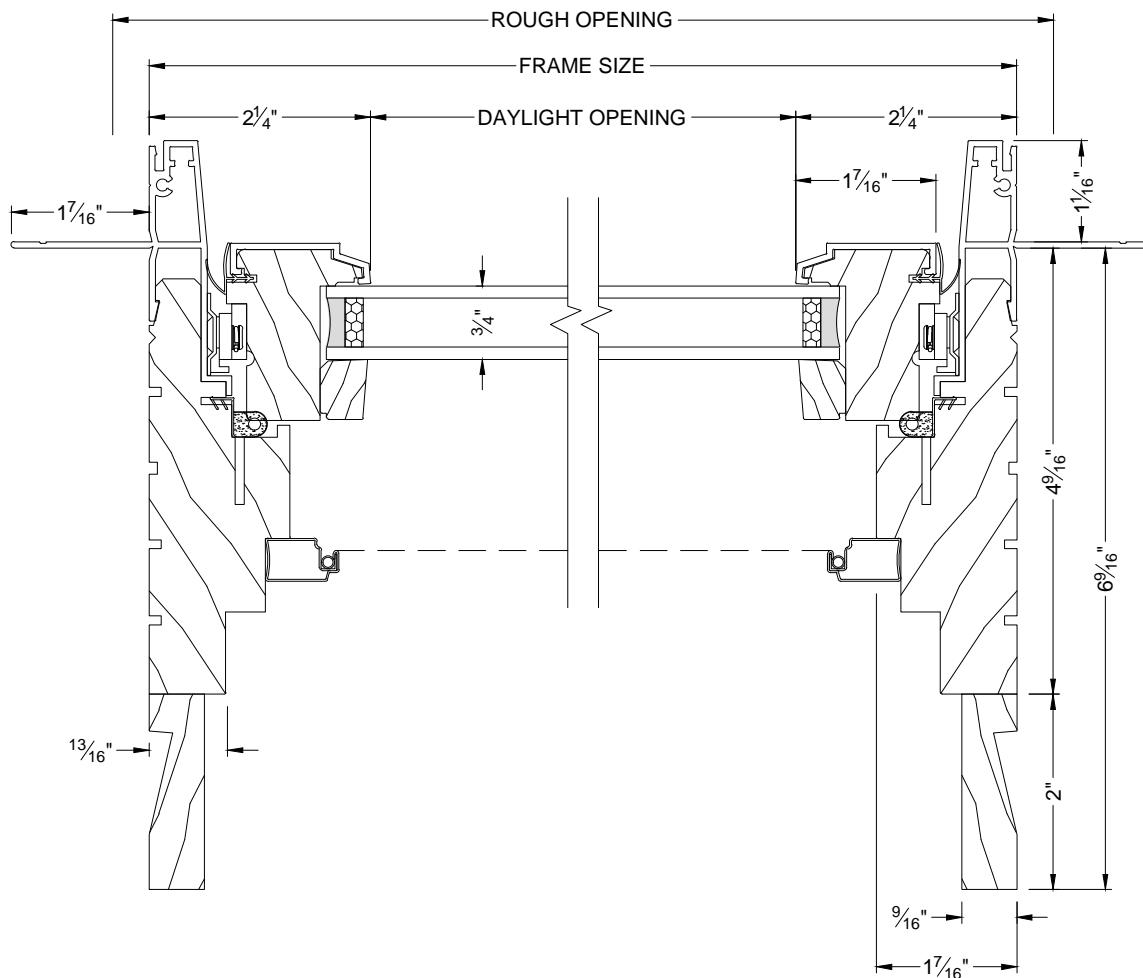


Updated: 5/15

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Contemporary 6 $\frac{9}{16}$ " Jamb

Horizontal/Operable Section - Narrow Sash

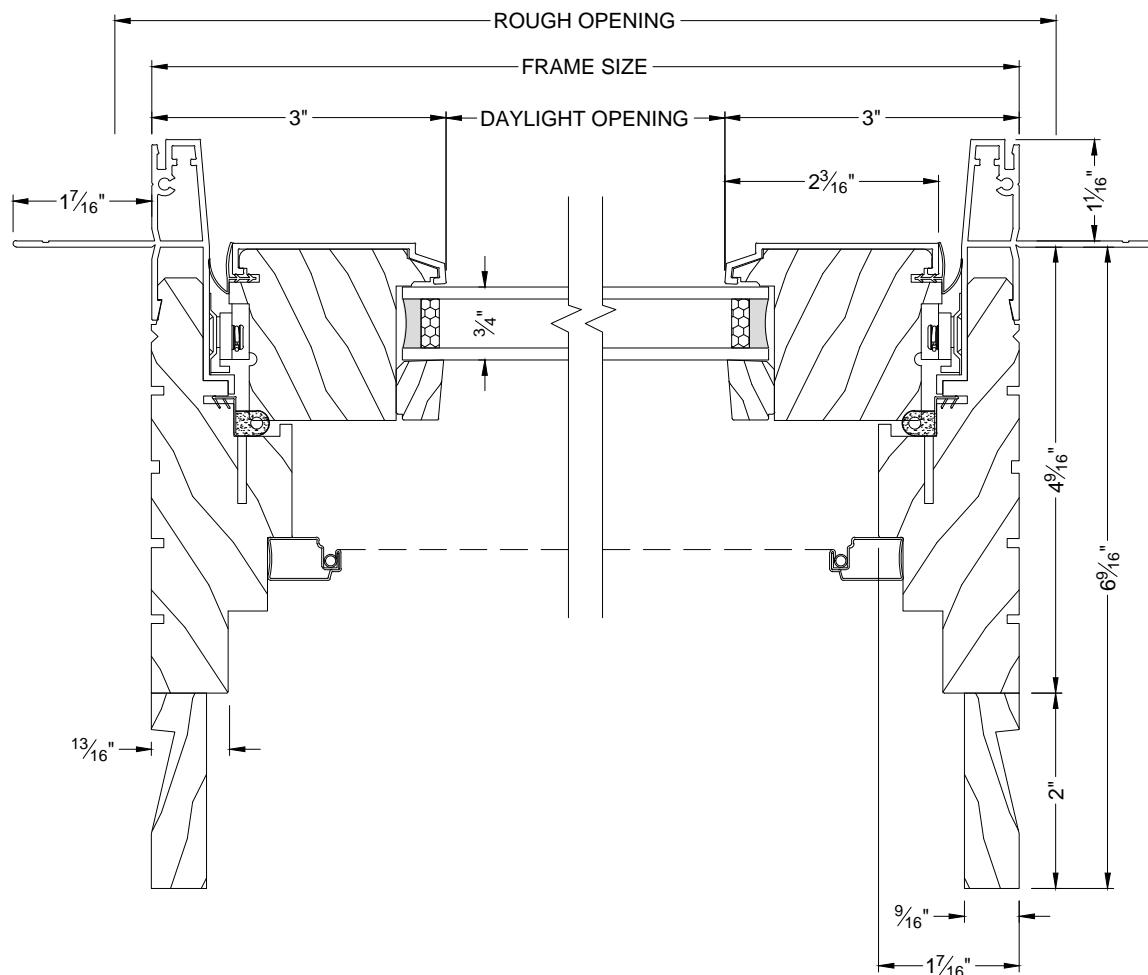


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Contemporary 6 $\frac{9}{16}$ " Jamb

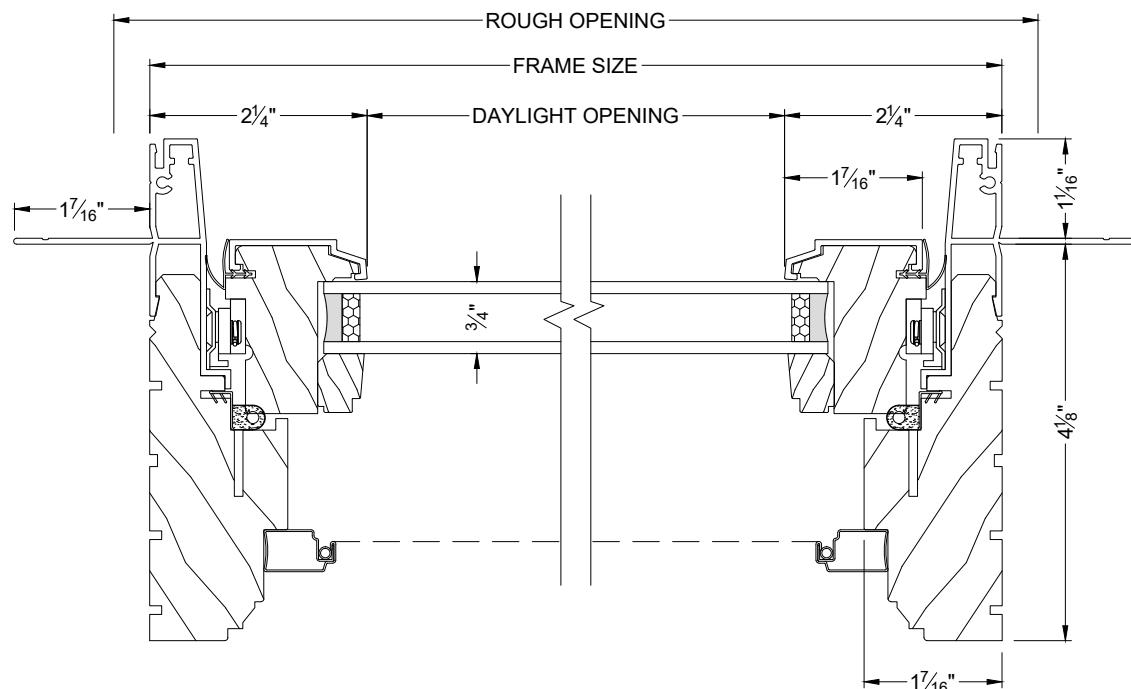
Horizontal/Operable Section - Wide Sash



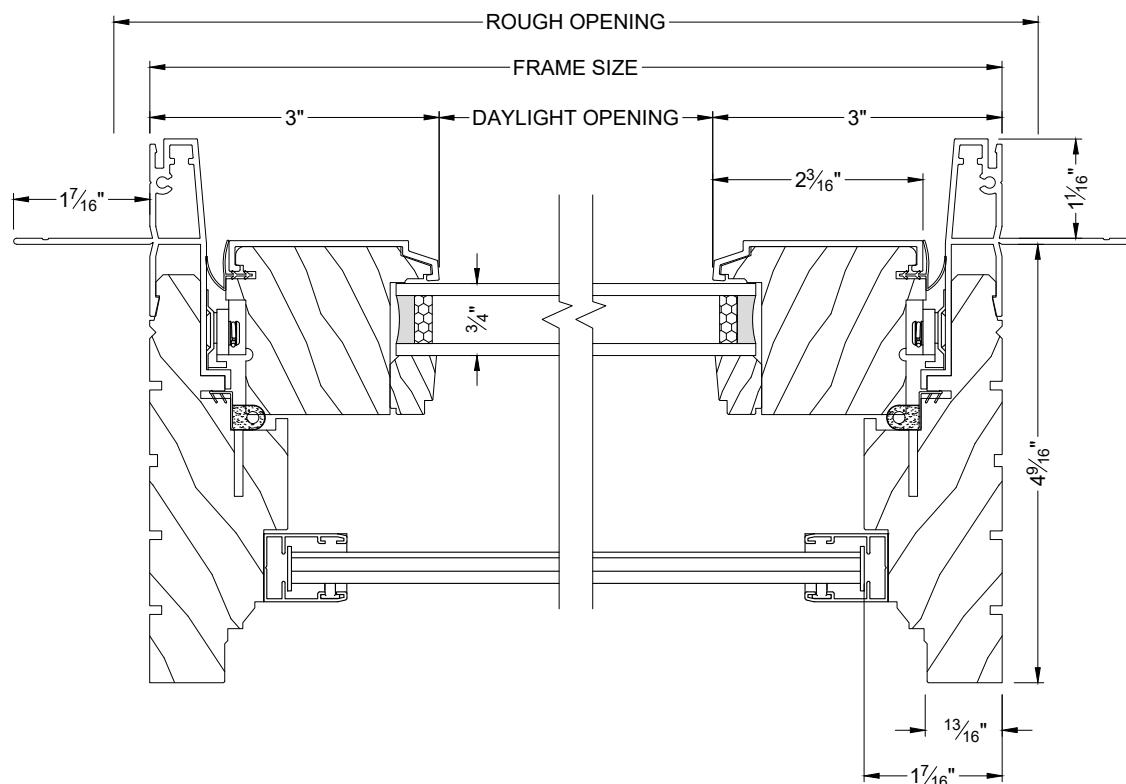
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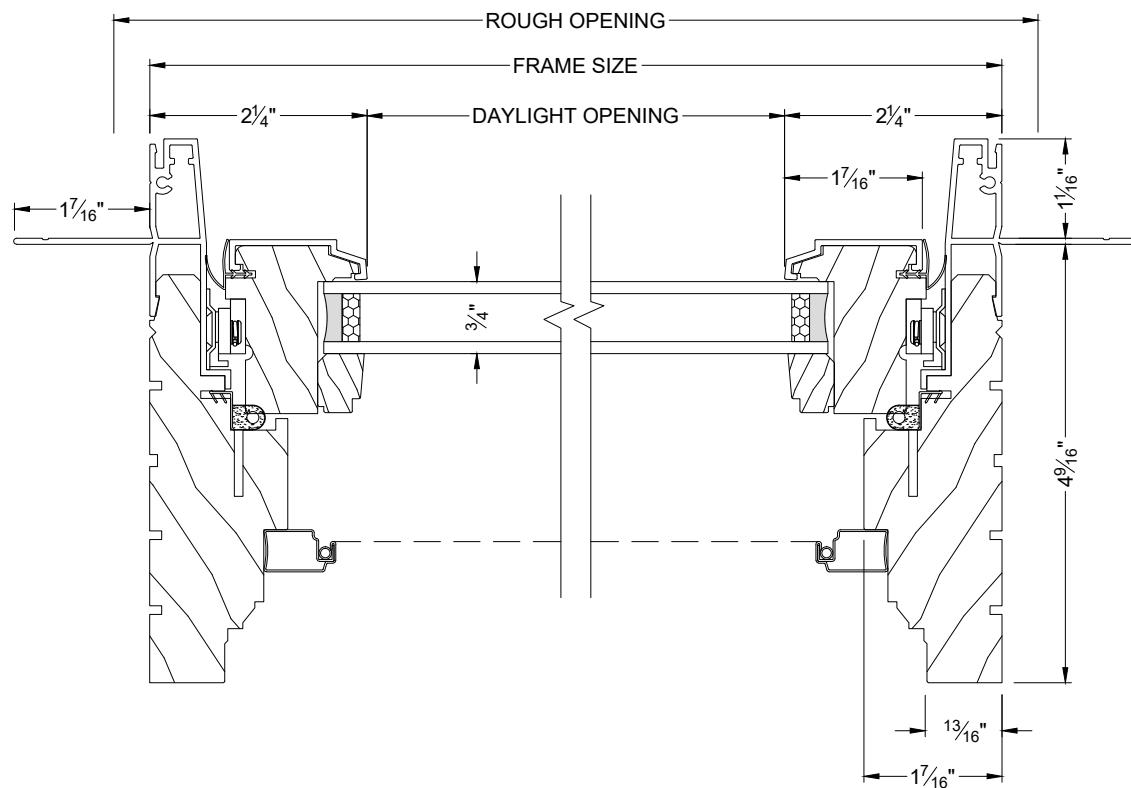
Traditional 4 $\frac{1}{8}$ " Jamb Horizontal/Operable Section - Narrow Sash



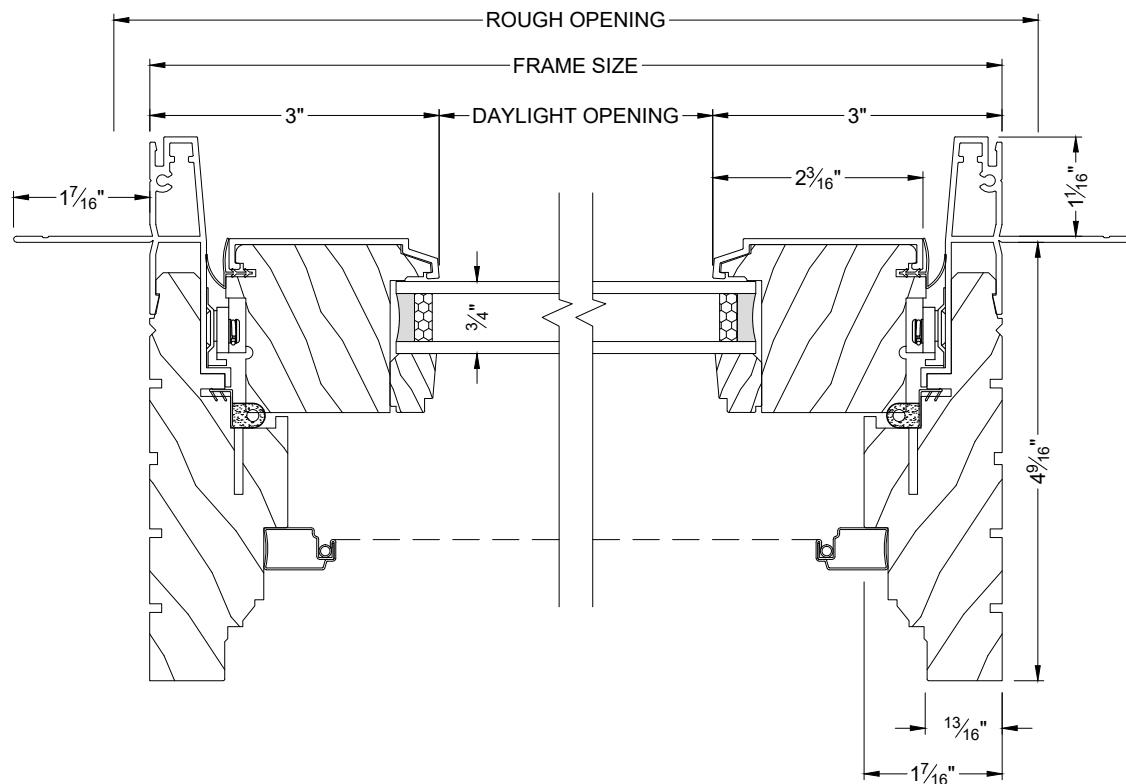
Traditional 4 $\frac{9}{16}$ " Jamb Horizontal/Operable Section - Wide Sash w/ Genius Screen



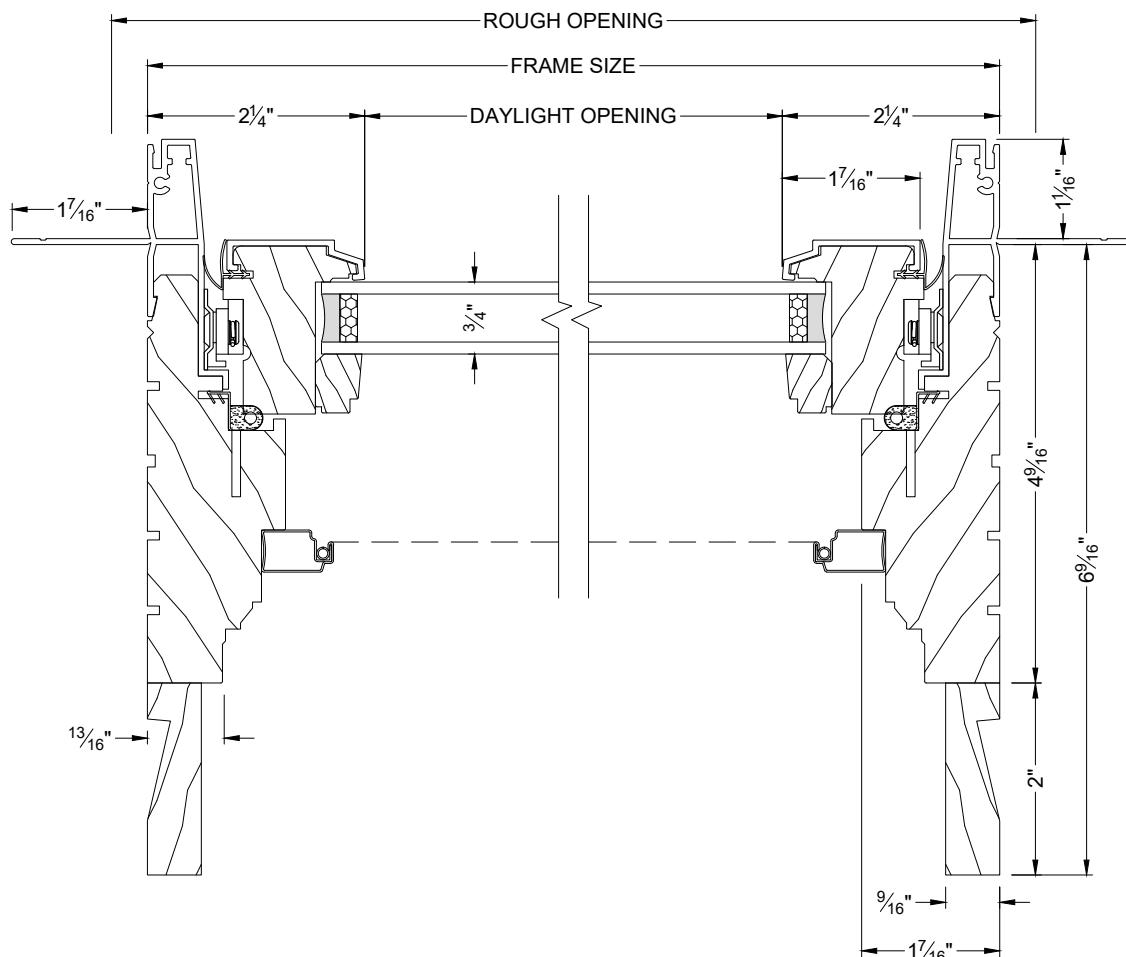
Traditional 4 $\frac{9}{16}$ " Jamb Horizontal/Operable Section - Narrow Sash



Traditional 4 $\frac{9}{16}$ " Jamb Horizontal/Operable Section - Wide Sash



Traditional 6 $\frac{9}{16}$ " Jamb Horizontal/Operable Section - Narrow Sash

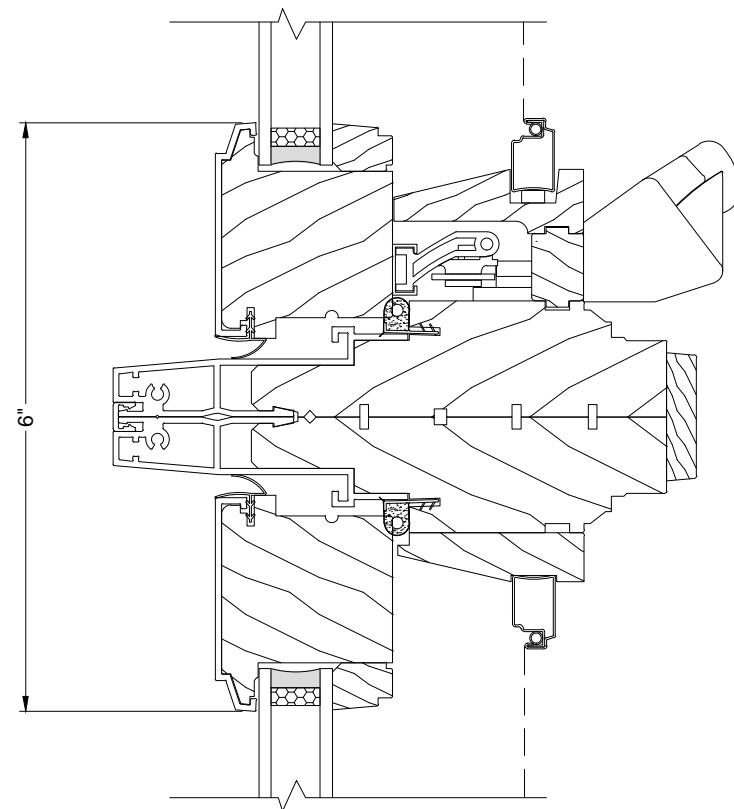


Updated: 5/18

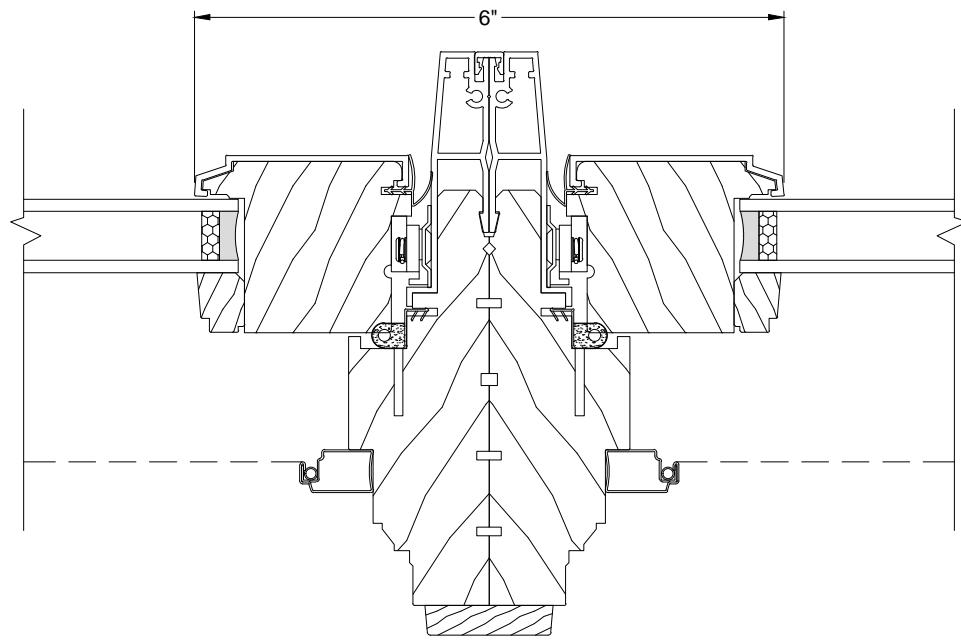
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Mullion Details

Vertical & Horizontal Sections - Wide Sash



HORIZONTAL MULLION

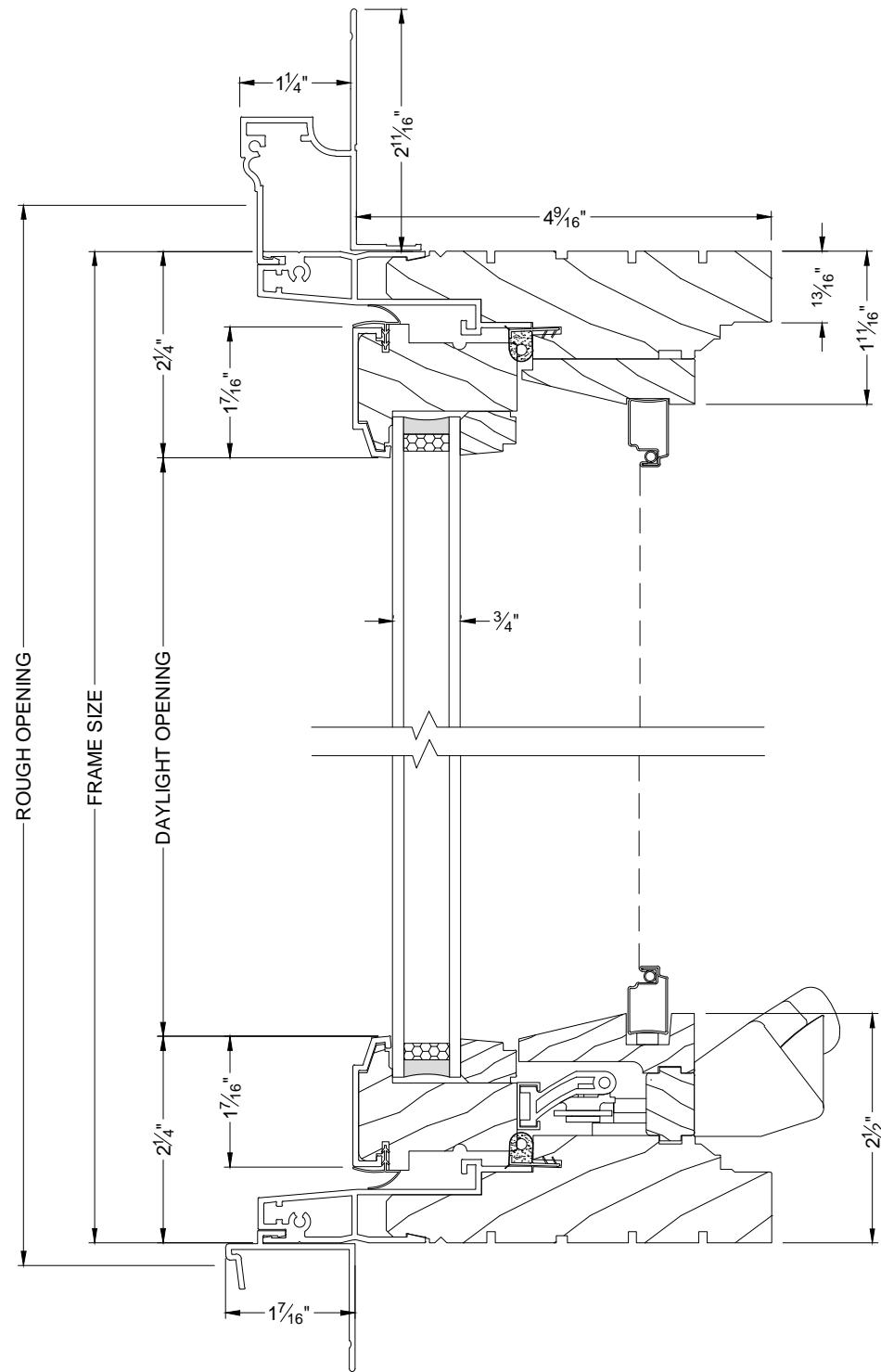


VERTICAL MULLION

Colonial 4 $\frac{9}{16}$ " Jamb

Clad Brickmould

Vertical/Operable Section - Narrow Sash

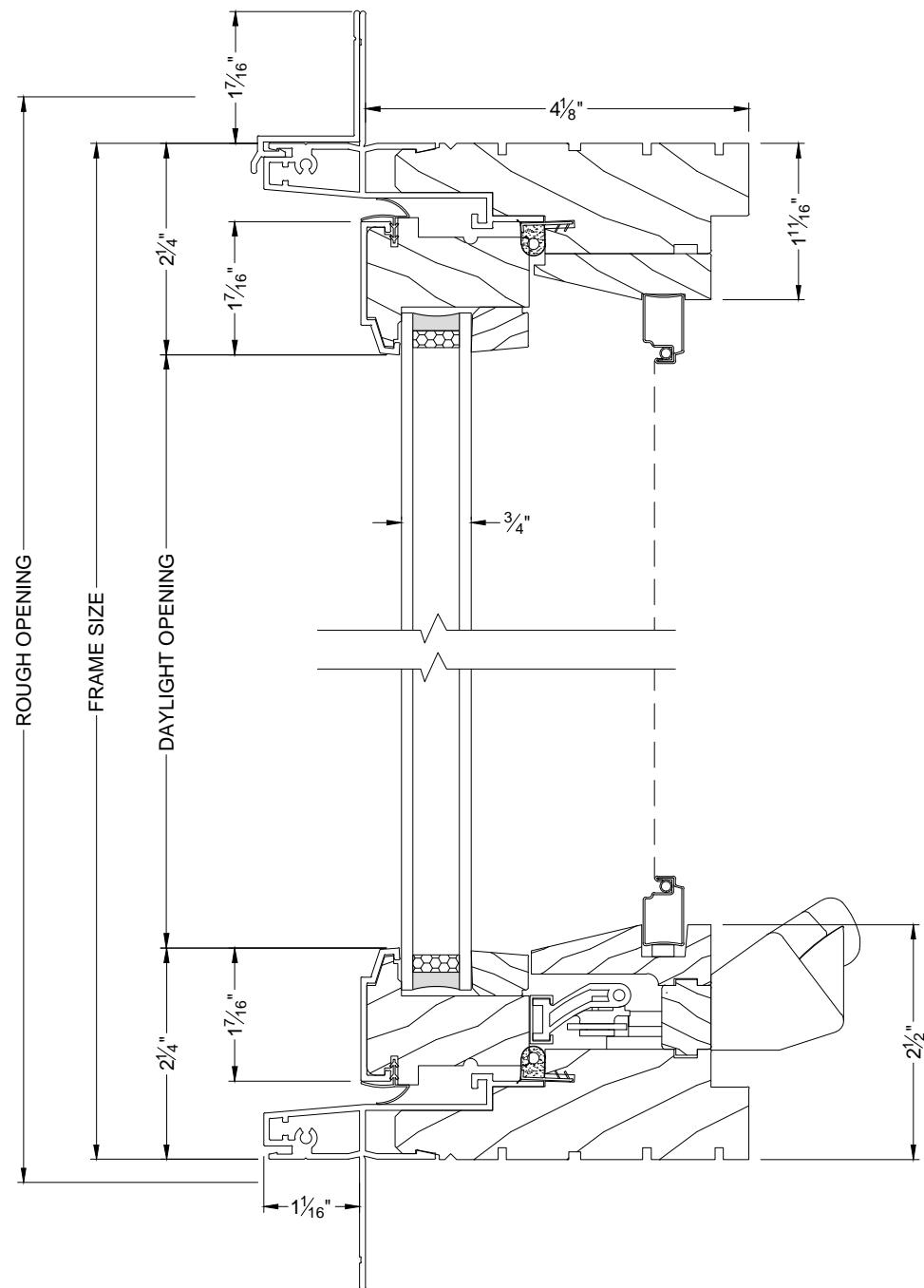


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Contemporary 4 $\frac{1}{8}$ " Jamb

Vertical/Operable Section - Narrow Sash

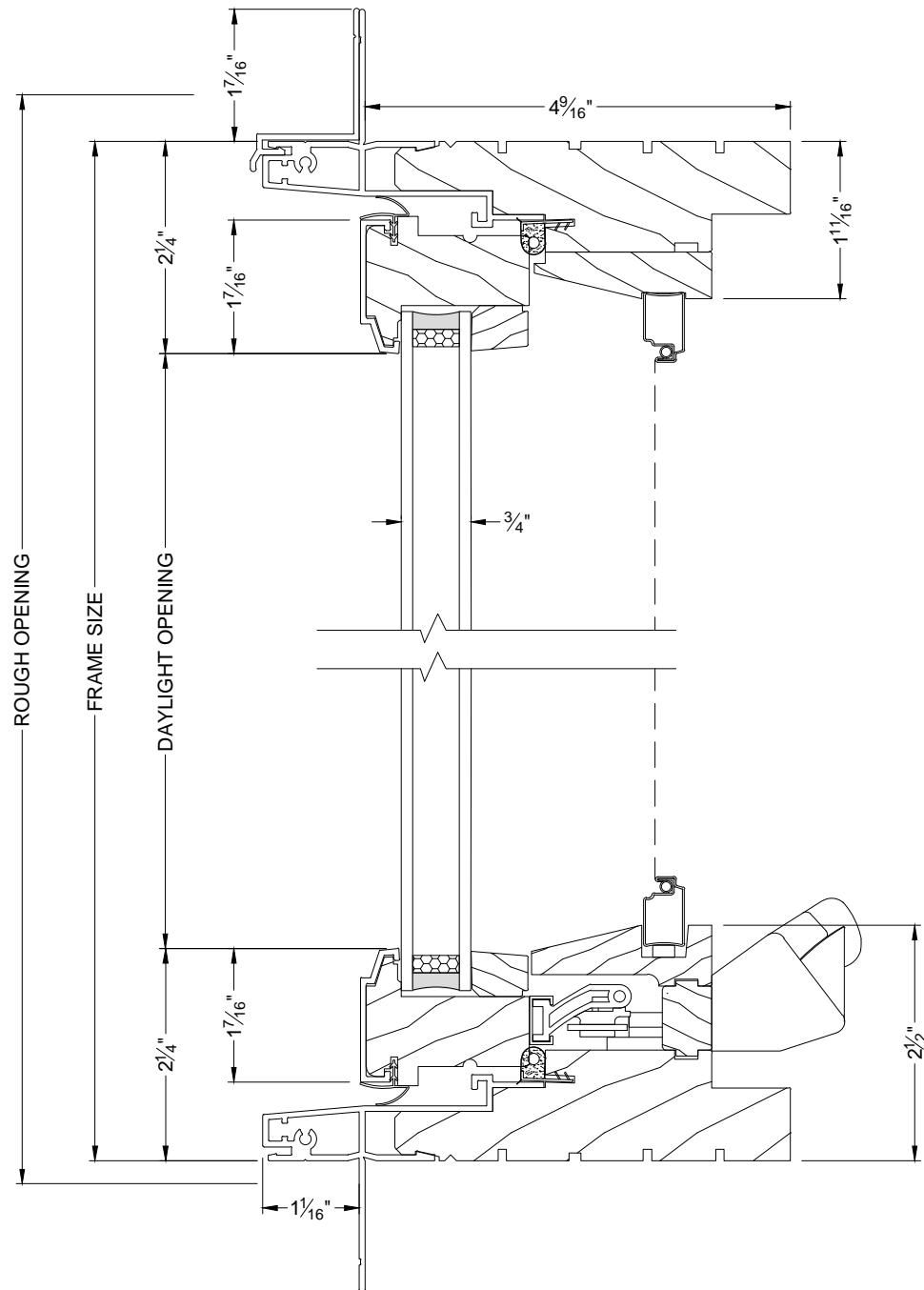


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Contemporary 4 $\frac{9}{16}$ " Jamb

Vertical/Operable Section - Narrow Sash

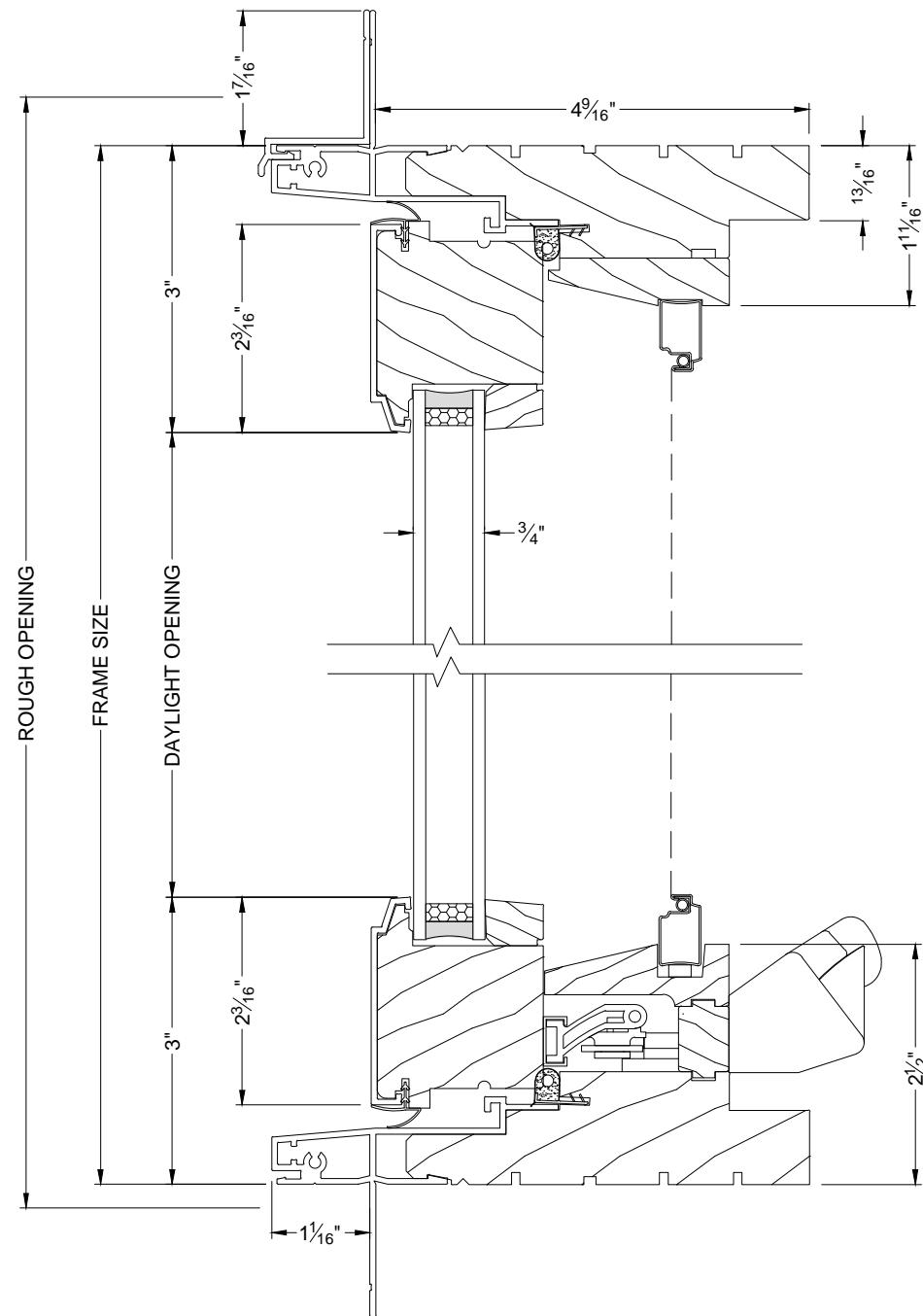


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Contemporary 4 $\frac{9}{16}$ " Jamb

Vertical/Operable Section - Wide Sash

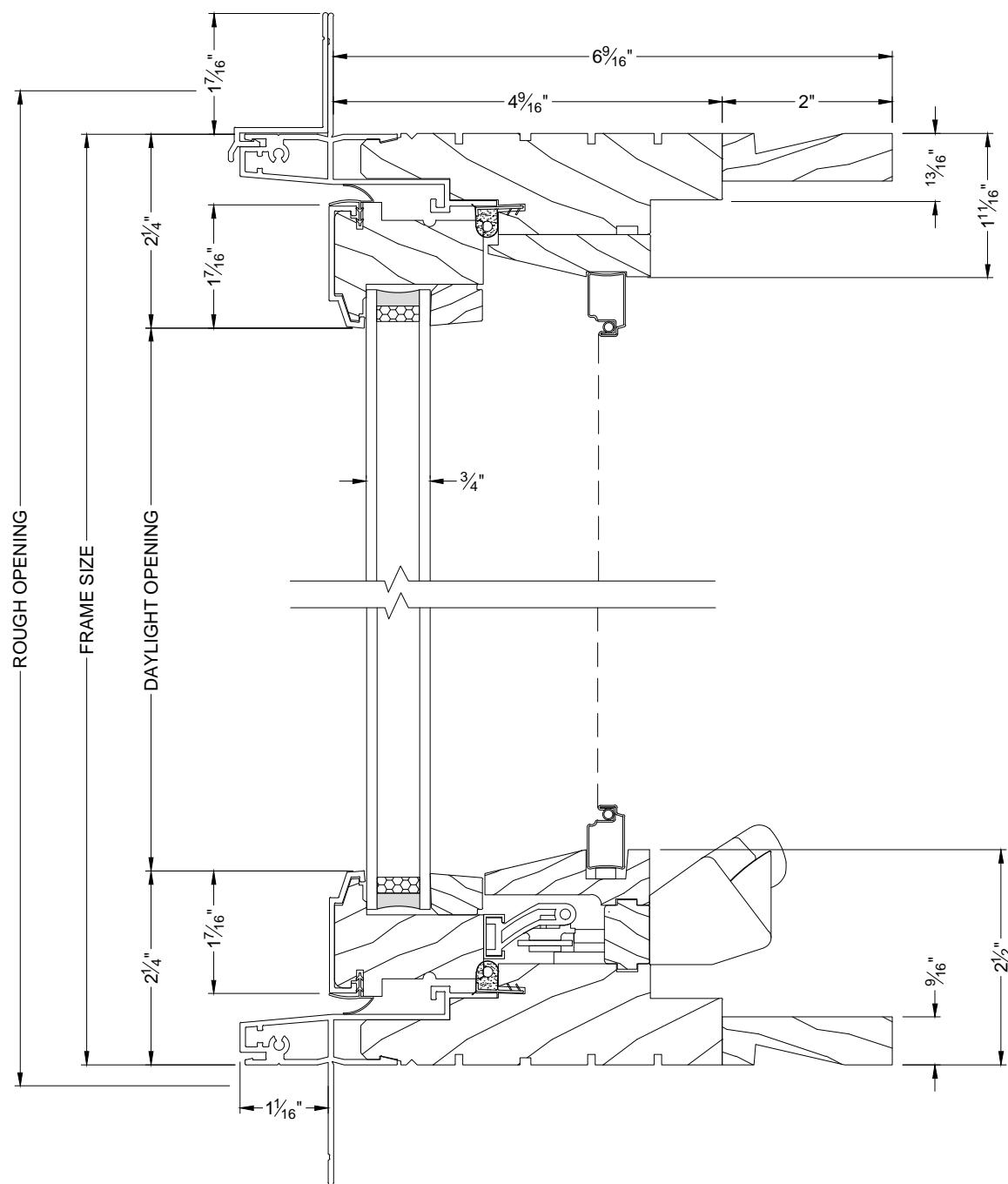


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Contemporary 6 $\frac{9}{16}$ " Jamb

Vertical/Operable Section - Narrow Sash

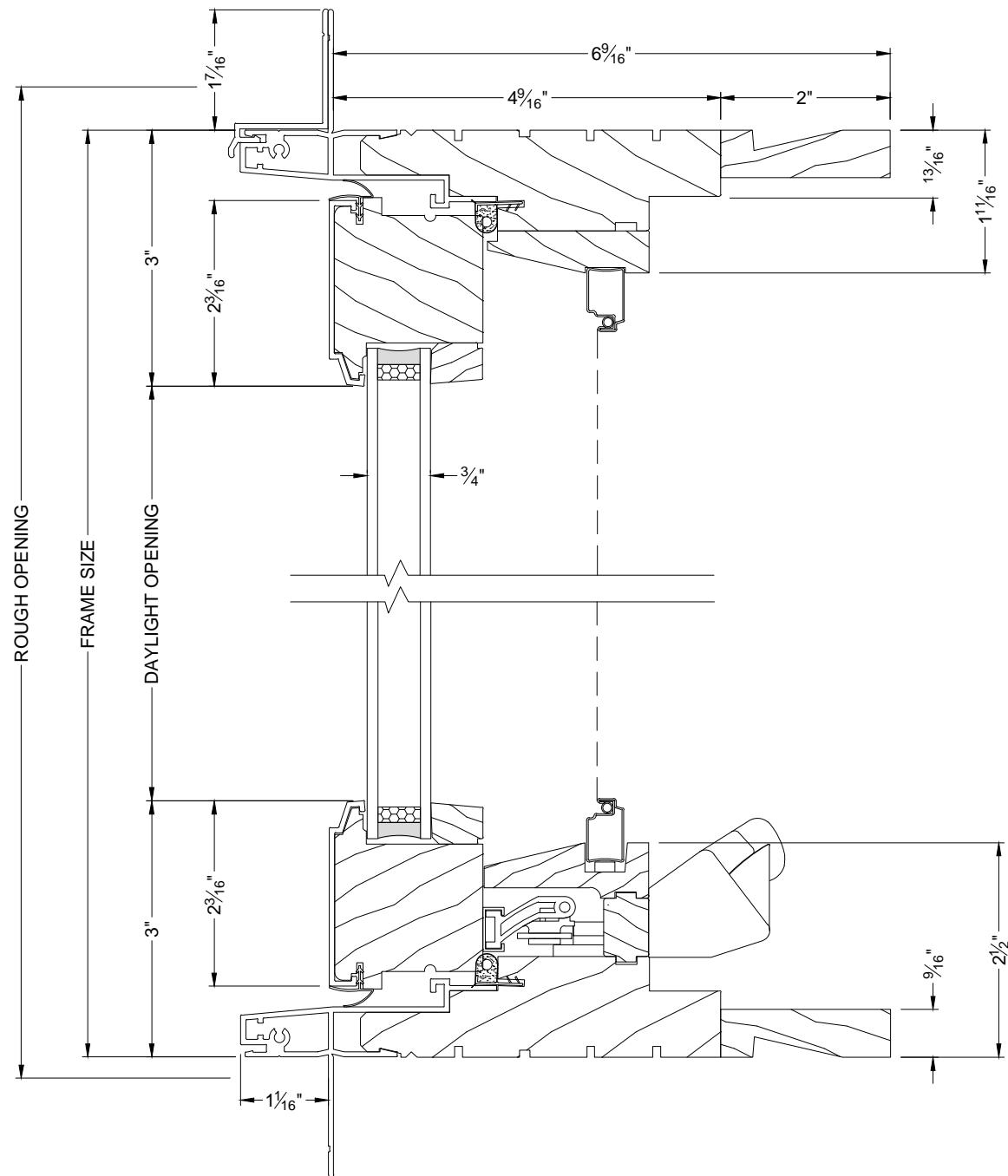


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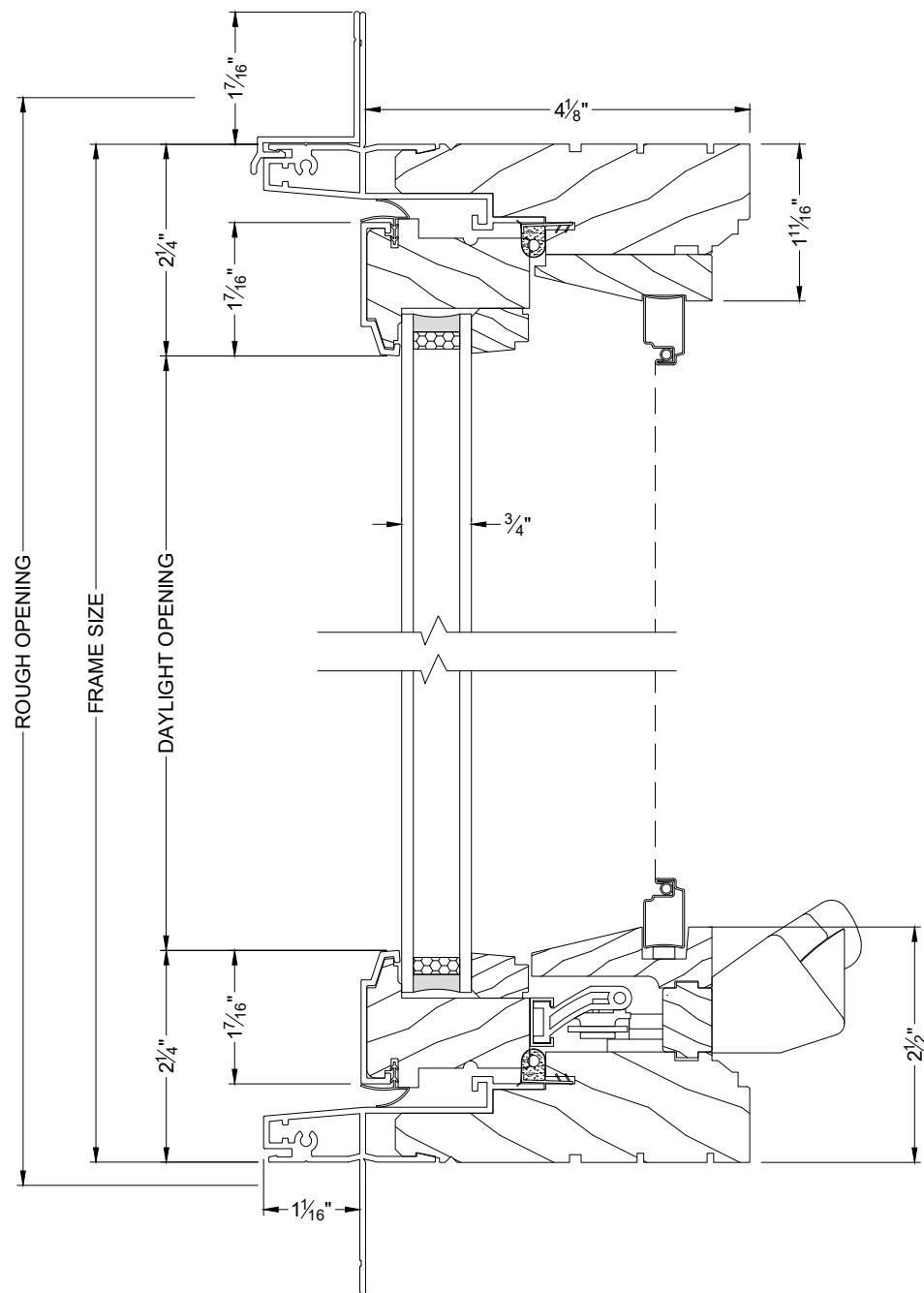
Vertical/Operable Section - Wide Sash



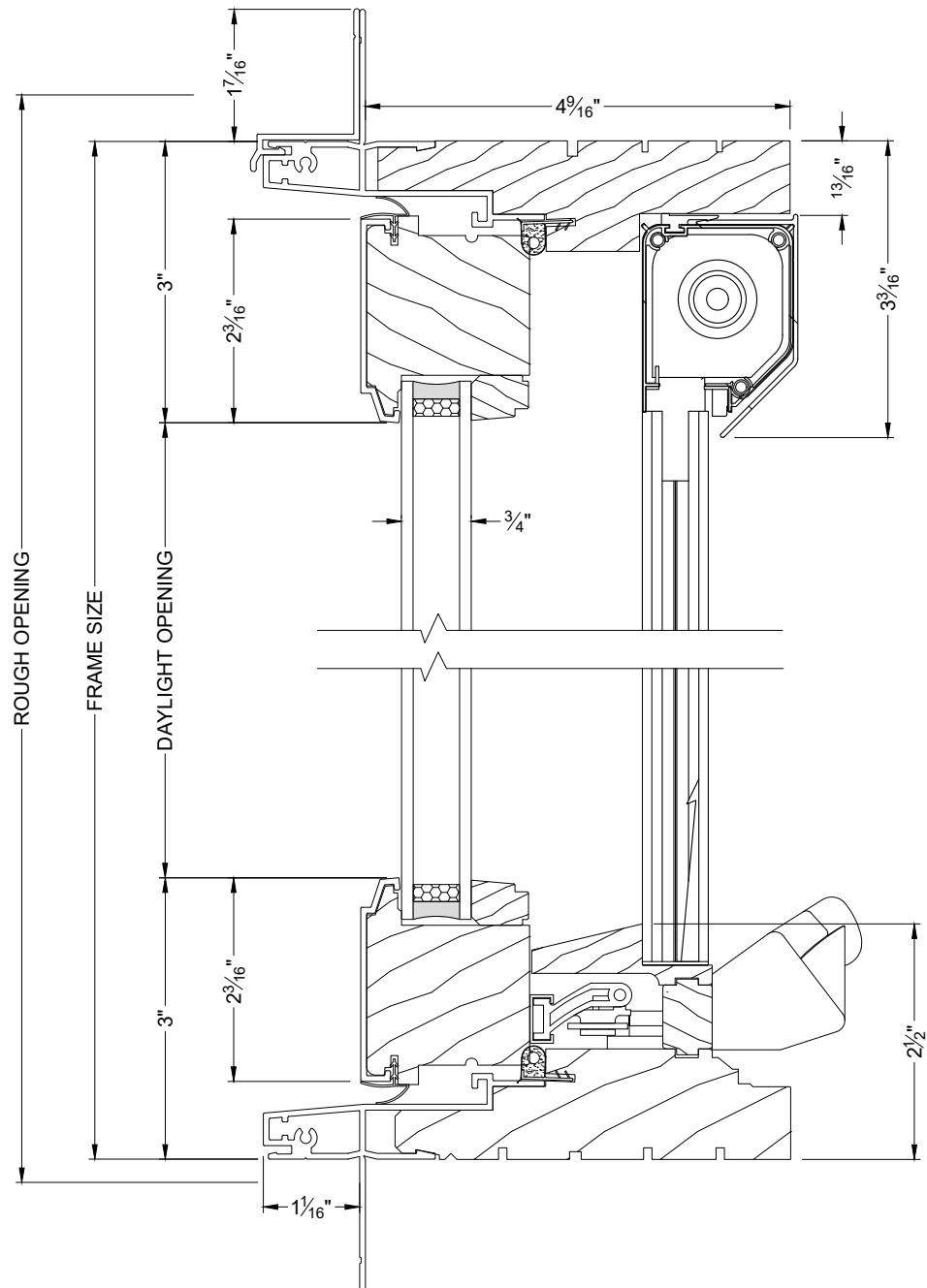
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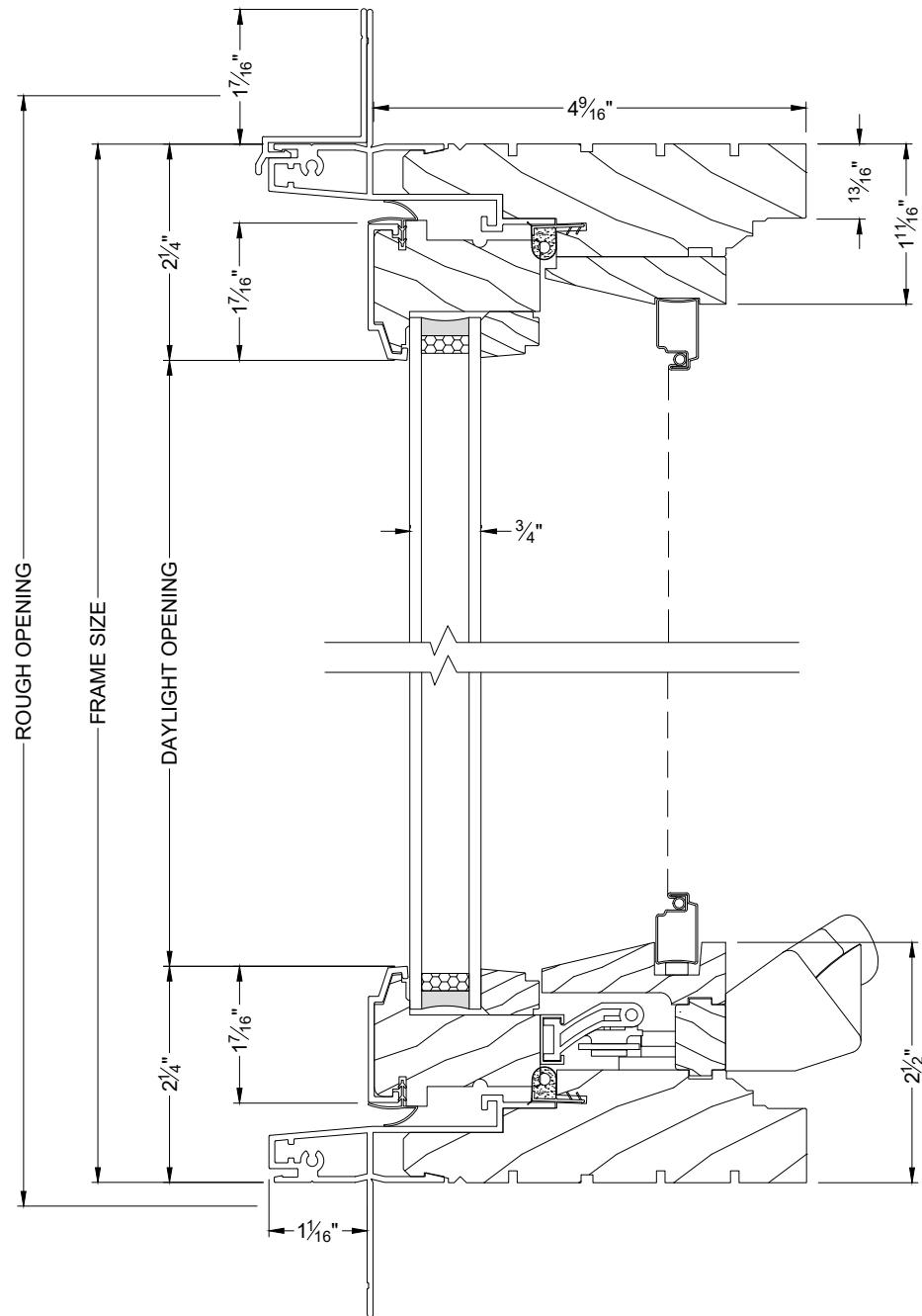
Traditional 4 $\frac{1}{8}$ " Jamb Vertical/Operable Section - Narrow Sash



Traditional 4 $\frac{9}{16}$ " Jamb Vertical/Operable Section - Wide Sash w/ Genius Screen



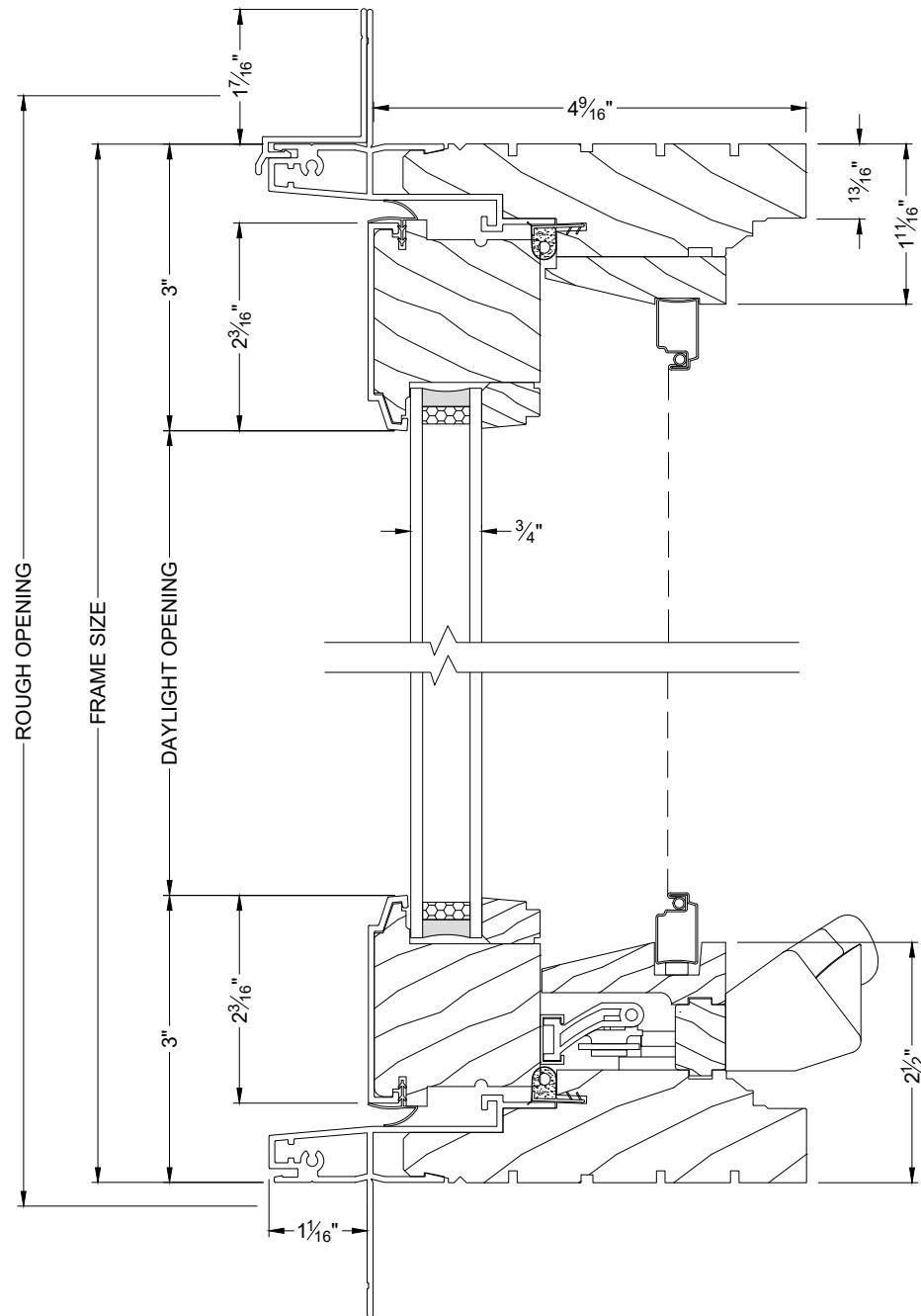
Traditional 4 $\frac{9}{16}$ " Jamb Vertical/Operable Section - Narrow Sash



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Updated: 5/18

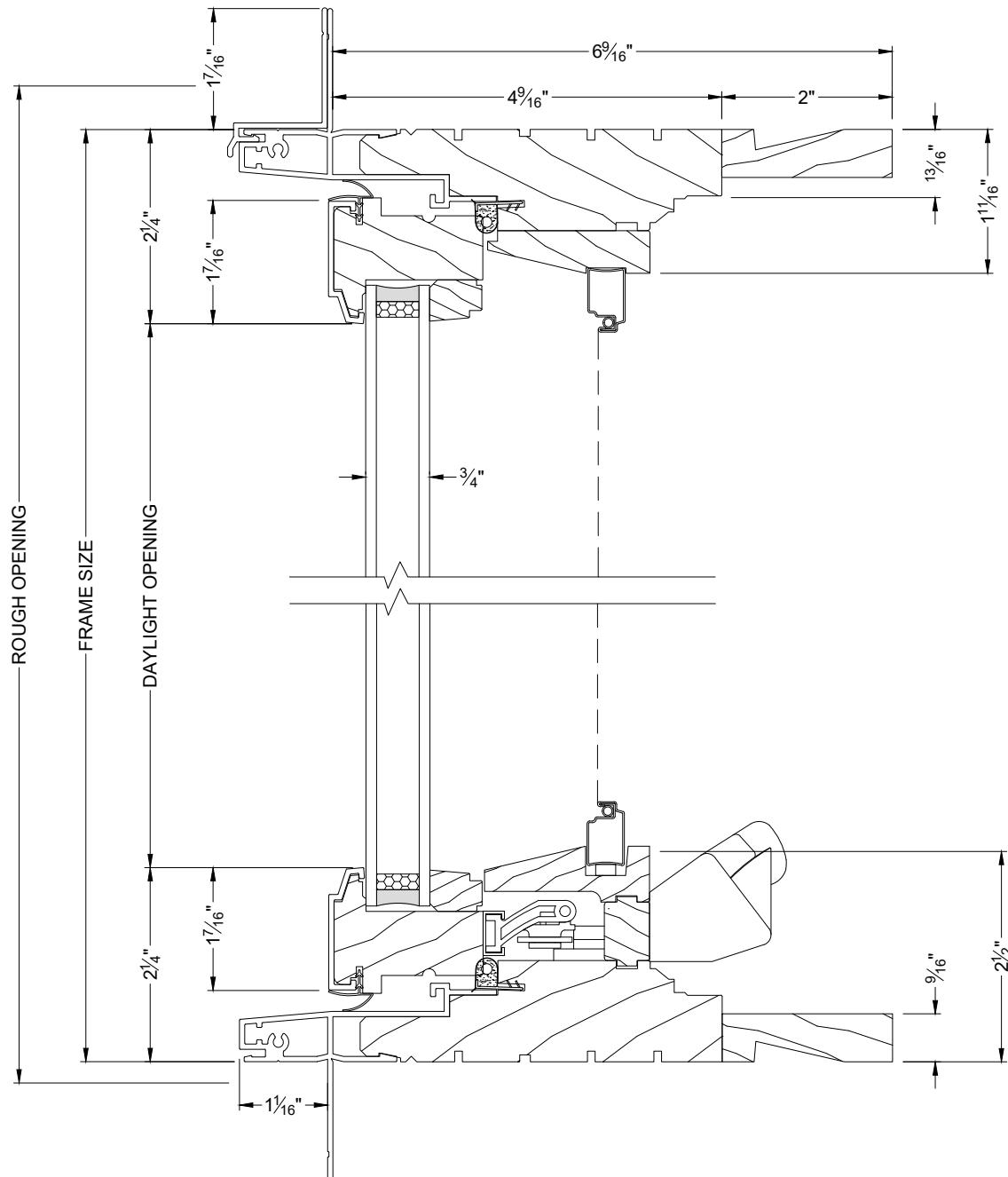
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Clad Standard Awning

Scale: 6" = 1'-0"

Traditional 6 9/16" Jamb

Vertical/Operable Section - Narrow Sash



INSPIRATION FOR YOUR IMAGINATION.



University of Oregon, Opsis Architecture,
Photographer: Marcus Berg, Unique Angles Photography

Sierra Pacific Architectural Wall Systems.



SIERRA
PACIFIC
WINDOWS



CLEARLY, THIS WAS DREAMED UP
BY A VERY CLEVER ARCHITECT.

Our new Sierra Pacific architectural wall systems are an energy-efficient way to add natural light to any home or business, while enabling you to make a big, bold statement.

With their all-wood interiors and load bearing structural integrity, they are a distinctive upgrade over ordinary storefront glazing or aluminum curtain walls. Our glue-laminated wood beams can actually eliminate the need for steel beams in some cases.

These advanced, highly engineered wall systems can easily incorporate doors, operable windows, and structural corner units.



THE BEST THING ABOUT OUR ARCHITECTURAL WALL SYSTEMS IS HOW YOU'LL USE THEM.

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We combine glue-laminated Douglas fir interiors with extruded aluminum exteriors in 75 colors, with custom color matching also available.



Black Butte Ranch, Hacker Architects, Photographer: Jeremy Bittermann, Joel B Sanders Agency



TESTED IN THE LABS. PROVEN IN REAL LIFE.

Sierra Pacific architectural wall systems are tested to ASTM standards for air and water infiltration and structural wind load performance, plus they meet today's energy standards for heat loss and solar heat gain.

In addition, the performance and durability of our wall systems have been shown in hundreds of commercial and residential installations across the U.S., Canada, and Japan.

ALL THE ENGINEERING YOU NEED.
ALL THE HELP WE CAN OFFER.



Each architectural wall system we produce is architect-driven. Yours will be custom designed and custom built specifically for your project. Our experienced team will work with you from inspiration to installation.

We will provide extensive engineering documentation and elaborate shop drawings with all pertinent architectural details.

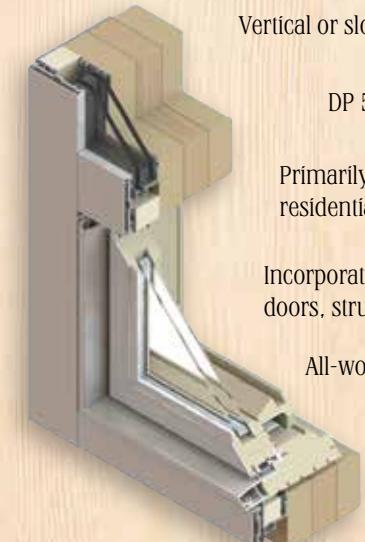
From our experienced architectural consultants located throughout the U.S., to our in-house draftsmen, we take pride in working with architects to achieve every design feature you can envision.

Our architectural wall systems offer vertical and sloped glazing.



VIEWMAX GLAZING SYSTEM.

We offer two sophisticated glazing systems. ViewMax is our glazing system for residential applications. It can be produced for vertical or sloped glazing in several styles, and may be structural to carry vertical loads of the building. It's available with multiple glazing options that meet a .24 U-factor or better, and has earned a DP 50 rating.



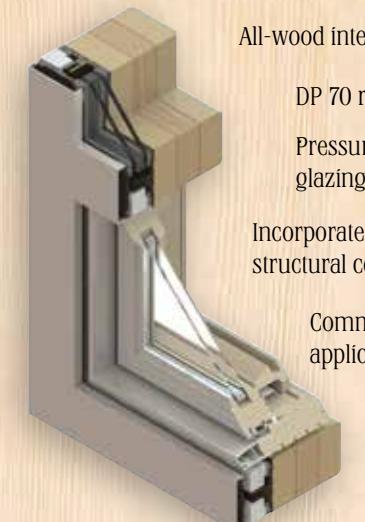
Vertical or sloped glazing.

DP 50 rating.

Primarily used in residential applications.

Incorporates windows, doors, structural corner units.

All-wood interior.



All-wood interior.

DP 70 rating.

Pressure equalized glazing system.

Incorporates windows, doors, structural corner units.

Commercial or residential applications.

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THE WINDOWS AND DOORS WORTHY OF OUR ARCHITECTURAL WALL SYSTEM.



L'Angolo Winery, Lever Architecture, Photography: PAZ Design Group



To complete your architectural wall system, we have a comprehensive range of Sierra Pacific windows, patio doors, and specialty doors that can be easily integrated into the window walls. Suffice it to say, you'll find anything and everything you're looking for. They'll work in our architectural wall systems, and they have all-wood interiors just like our wall systems.

However, our specialty doors demand special mention.

We offer wood interior multi-slide, lift & slide, and bi-fold doors and windows for dramatically expansive openings. You can choose models that slide completely out of sight into a wall pocket, stack against the wall or open up an entire corner.



EXTERIOR CLAD FINISHES

**FINISH YOUR DESIGN
WITH YOUR FAVORITE COLOR.**

Idaho Residence, Scape Design Studio, Photographer: Tory Taglio Photos



For the exterior of your aluminum clad architectural wall system, choose from a color palette that mimics nature, and ranges from rich and vibrant, to cool and muted. We offer 75 colors in 7 industry-leading palettes, including our unique Textured and Weathered Collections.

Our coating process also leads the industry. We use a superior, highly resilient, AAMA 2605 or textured 2604 powder coated finish. Our 100% fluoropolymer 2605 powder coatings meet or exceed all AAMA criteria and have more surface hardness and scratch resistance than ordinary liquid paint.

Our powder coating process emits almost zero volatile organic compounds and nearly eliminates the generation of hazardous waste.

COLOR STAY™ COLLECTION

White 001	Linen 032	French Linen II2	Morning Dove Gray II3	Colonial White 313	Sandstone 003	Beige 335
Tan 043	Gull Gray 007	Seawolf 044	Fashion Gray III	Slate Gray 045	Battleship Gray 321	TW Black 061
Black Sable 060	Slate Blue 008	Light Blue 046	Steel Blue II4	Aqua Mist II5	Hampton Blue 323	Sage Green 005
Teal 047	Hemlock Green 048	Patina Green 051	Forest Green 049	Evergreen 009	Green 004	Hartford Green 050
Moss 031	Greek Olive 081	Terra Cotta 053	Clay 026	ICI Brown 056	Colonial Red 054	Harvest Cranberry 010
Burgundy 055	Deep Plum II6	Deep Taupe 077	Antique Bronze 057	TW Brown 058	Bahama Brown 309	Regal Brown 059
Brown 002	Bronze 024	Black 023				

TEXTURED COLLECTION

Peppered Steel II0	Sift Espresso 097	Mocha 098
Cajun Spice 099	Pesto 100	

PEARL METALLIC COLLECTION

El Cajon Silver 068	Platinum 067	Light Bronze Pearl 069
Medium Bronze Pearl 070	Dark Bronze Pearl 071	

METALLIC COLLECTION

Alpine Silver 062	Metallic Champagne 063	Bronze Classic 064
Classic Copper 088	Copper Penny 065	

WEATHERED COLLECTION

Weathered Café Royale 104	Weathered Cocoa 105	Weathered Brown 034
Weathered Bronze 078	Weathered Clay 075	Weathered Red Pepper 106
Weathered Rust 076	Weathered Basil 107	

INDUSTRIAL COLLECTION

Medium Bronze Industrial 101	Dark Bronze Industrial 102
------------------------------	----------------------------

ANODIZED COLLECTION

Clear Anodized I03/332	Medium Bronze Anodized 096/307	Dark Bronze Anodized 095/306
Black Anodized II7/353	Copper Anodized 352	

Printing limits our ability to show colors precisely.
See your local representative for actual cladding samples.

COMPLETE FEATURES, SPECIFICATIONS & DETAILS.

FEATURES & BENEFITS

Load bearing capabilities.
Thermally broken glazing system with beautiful all-wood interior.
Glazed structural system for residential and commercial applications.
Load bearing engineered system.
Engineered and tested system.
Can incorporate windows and doors into system.
Structural corner units.
NFRC ratings.
Triple glaze option.
Manufactured by the most vertically integrated wood window company resulting in improved quality control and shorter lead times.

STRUCTURAL SYSTEM

BEAMS

Douglas-fir glue-laminated premium select tight knot grade. Optional Alaskan yellow cedar (for high-moisture conditions) glue-laminated, premium (tight knot) grade. Lamination by certified laminator. Light coat of sealer protects wood during shipment and installation; final paint, clear coats or stain by others.

FINISH

Exterior powder coated extruded aluminum in AAMA 2605 finish or optional AAMA 2604 textured finish. Factory fabricated unit and mullion system. Include snap on aluminum caps to conceal fasteners.

CONNECTION MATERIALS

Bolts: zinc plated, hot dipped galvanized if required, sizing varies.
Screws: zinc plated, sizing varies.
Plates: galvanized, hot dipped galvanized, painted, or powder coated steel, size and thickness as required.
Exposure: interior and exterior fasteners are hidden unless specified for decorative purposes.
Brackets & reinforcements: high strength aluminum with non-staining, non-ferrous shims for aligning system components.

ENGINEERING

Standard Engineering: Extensive engineering data is maintained to provide initial member sizes and connection requirements related to wind, seismic and gravity loads.
Special Engineering: Specific data is provided for loads or connections.
Stamps: Sierra Pacific Windows will secure necessary engineer stamps with sufficient time allowed.

WARRANTY

Sierra Pacific Windows are supported by one of the strongest warranties in the industry. For complete warranty information, visit sierrapacificwindows.com.

ASSEMBLY

Custom design and production of glazed structural systems for residential and commercial applications. Each unit is custom built for your specific project. An elaborate shop drawing with appropriate architectural details is produced from general concepts submitted by the end-user or from very specific data from a designer/architect. With approved shop drawings, Sierra Pacific craftsmen produce the structure exactly as needed. Ships KD: preassembled at manufacturing plant; predrilled, marked and labeled.

USGBC LEED® & OTHER CERTIFICATION

PROGRAMS QUALIFICATION

CATEGORIES OF CONSIDERATION

Regional sourcing.

Recycled content.

Daylighting.

SFI materials.

FSC materials.

Energy conservation.

Indoor environmental quality.

VIEWMAX GLAZING SYSTEM

PRODUCTS AVAILABLE

Vertical and sloped glazing, with one or more end walls (includes structure).
Produced in several styles: shed, gable, circular.
Skylight framing: sloped glazing with structure in styles: flat plane, ridge, hip, circular.
Skylight provided by others.
Structural wood window wall: multiple panels of glazed wall with head and sill closure, may be structural to carry vertical loads of the building.

BEAM SIZE

Finished sizing: 3" and 5" widths, varies to accommodate load required.

TESTING

Structural: ASTM E330. Result: DP 50
Air Infiltration: ASTM E283.
Result: .01 CFM/square foot at 6.24 psf.
Water Resistance: ASTM E331. Result: no leakage at 10 psf.

GLAZING SYSTEM MATERIAL

Aluminum extrusions: Alloy 6063, ASTM B21.
Flashings: 26 gauge or thicker as needed, zinicalume coated, PV2 paint or alternate. Stainless steel, powder coated, for corrosive environments.
Gasket: EPDM, .1875 x .6875, Setting blocks: Neoprene, 85 durometer.
Fasteners: C1018 carbon steel, 9-16 shank, 1800 lbs. tensile, 1100 lbs. shear, 56 case hardness (37 core), zinc plating (.0006) min.) and polyvinyl ultraseal coating.
Glass: typical, insulated up to 1" overall thickness; can go larger.



VIEWMAX PLUS GLAZING SYSTEM

PRODUCTS AVAILABLE

Vertical with one or more end walls (includes structure).
Produced in several styles: shed, gable, circular.
Can carry intermediate floor in 2nd story applications.
Structural wood window wall: multiple panels of glazed wall with head and sill closure, may be structural to carry vertical loads of the building.

BEAM SIZE

Finished sizing: 3" and 5" widths, various depths to accommodate load required.

TESTING

Structural: ASTM E330. Result: DP 70.
Air Infiltration: ASTM E283.
Result: at 1.57 psf, infiltration rate was .00 CFM/square foot.
Result: at 6.24 psf, infiltration rate was .01 CFM/square foot.
Water Resistance: ASTM E547 & ASTM E331.
Result: no leakage at 10 psf.
Thermal: NFRC certification.
Approved simulations provide U-factors to .21. Other data based on glass unit make-up.

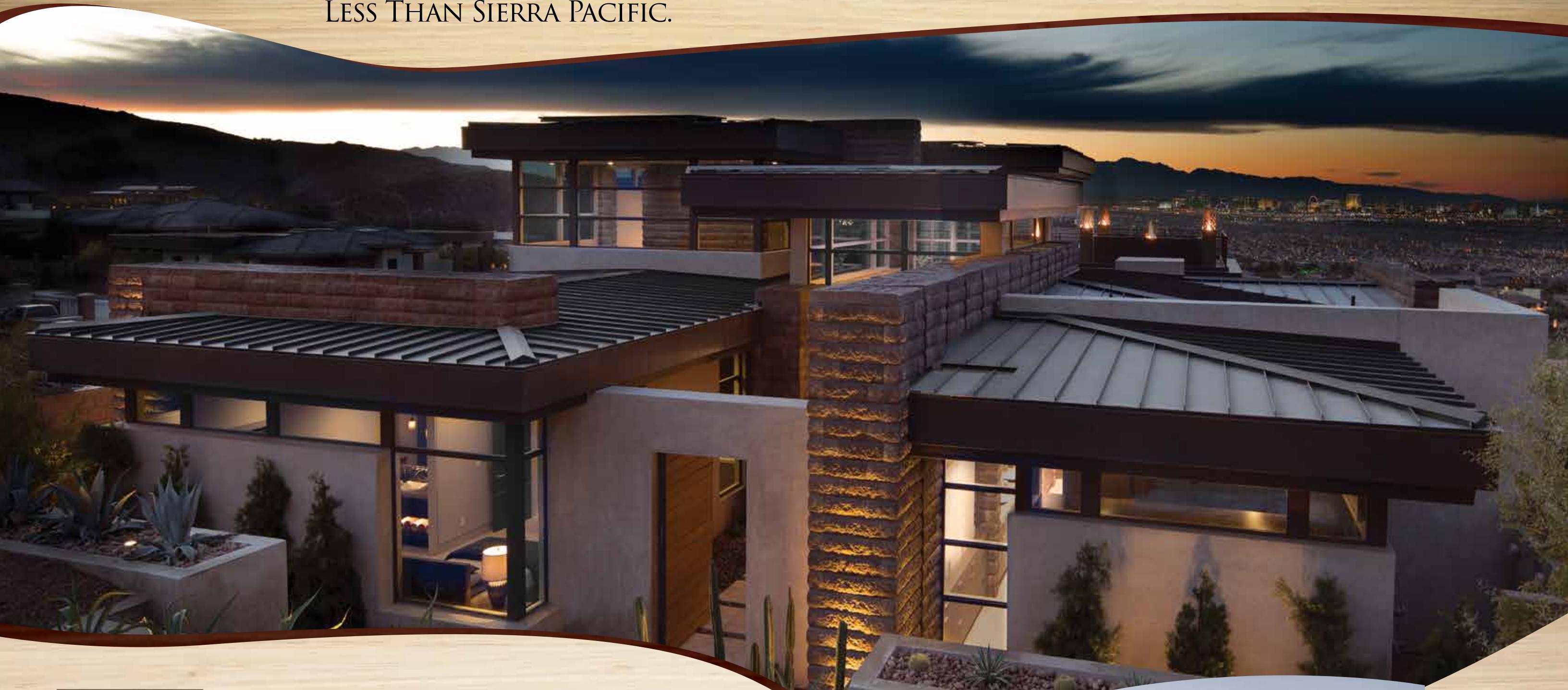
PRESSURE EQUALIZED GLAZING SYSTEM

Equalizes air pressure in the glazing pocket between the interior air barrier and exterior rain screen.
Equalizes the pressure difference across the rain screen that would otherwise tend to force water into the system.
Creates isolated, weathertight zones with independent baffled drain systems.

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YOUR CLIENTS DESERVE NOTHING LESS THAN SIERRA PACIFIC.



Sierra Pacific is a trusted source for architectural wall systems as well as windows and patio doors for residential or light commercial use.

As one of the largest window companies in America, we have 3 strategically located manufacturing plants and more than 600 dealers, distributors and company stores to give you unparalleled service. Our ever-growing network of experienced architectural consultants, located across the U.S., is ready to provide assistance and collaborate on specifications, engineering, and design needs.

We offer superb quality and distinctive designs, plus all the styles, features and innovation you demand to complete your vision.



Photographer: Jeremy Bittermann.

OUR 1,900,000-ACRE MANUFACTURING PLANT.



Photographer: Mark Lathrop, Sierra Pacific Industries.
Taken on Serra Pacific land south of the Trinity Alps Wilderness, Trinity County, California.

Sierra Pacific Industries manages more than 1.9 million acres of timberland. We're the largest millwork producer in the U.S. and the second largest lumber company.

But our size is only a small part of our story.

We plant 7 million new trees every single year. So 100 years from now, our forests will have more trees—and bigger trees—than today.

Sierra Pacific is the only window company that maintains continuous quality control from the moment our tree seedlings are planted until our beautiful windows are produced, approved and delivered to you.

Upgrade your homes with Sierra Pacific Windows. Talk to your local Architectural Consultant or sales representative about which of our product solutions will work best for your next project.



www.SierraPacificWindows.com | P.O. Box 8489, Red Bluff, CA 96080 | 800-824-7744 A Division of



We reserve the right to change product specifications without notice. Photography used may not represent current product features and options.

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University of Oregon, Opsis Architecture,
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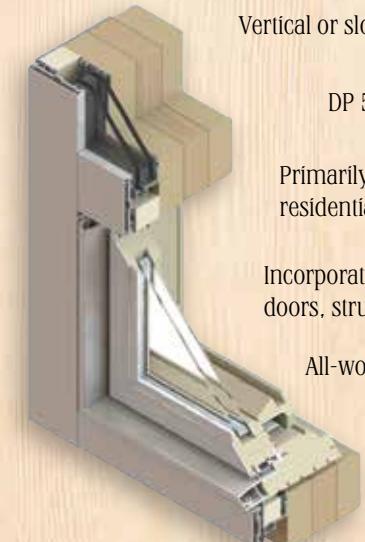
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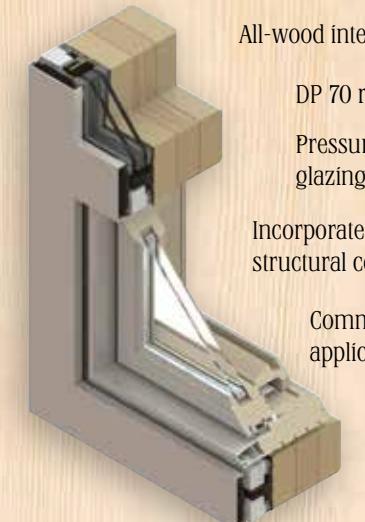
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Idaho Residence, Scape Design Studio, Photographer: Tory Taglio Photos



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Our coating process also leads the industry. We use a superior, highly resilient, AAMA 2605 or textured 2604 powder coated finish. Our 100% fluoropolymer 2605 powder coatings meet or exceed all AAMA criteria and have more surface hardness and scratch resistance than ordinary liquid paint.

Our powder coating process emits almost zero volatile organic compounds and nearly eliminates the generation of hazardous waste.

COLOR STAY™ COLLECTION

White 001	Linen 032	French Linen II2	Morning Dove Gray II3	Colonial White 313	Sandstone 003	Beige 335
Tan 043	Gull Gray 007	Seawolf 044	Fashion Gray III	Slate Gray 045	Battleship Gray 321	TW Black 061
Black Sable 060	Slate Blue 008	Light Blue 046	Steel Blue II4	Aqua Mist II5	Hampton Blue 323	Sage Green 005
Teal 047	Hemlock Green 048	Patina Green 051	Forest Green 049	Evergreen 009	Green 004	Hartford Green 050
Moss 031	Greek Olive 081	Terra Cotta 053	Clay 026	ICI Brown 056	Colonial Red 054	Harvest Cranberry 010
Burgundy 055	Deep Plum II6	Deep Taupe 077	Antique Bronze 057	TW Brown 058	Bahama Brown 309	Regal Brown 059
Brown 002	Bronze 024	Black 023				

TEXTURED COLLECTION

Peppered Steel II0	Sift Espresso 097	Mocha 098
Cajun Spice 099	Pesto 100	

PEARL METALLIC COLLECTION

El Cajon Silver 068	Platinum 067	Light Bronze Pearl 069
Medium Bronze Pearl 070	Dark Bronze Pearl 071	

METALLIC COLLECTION

Alpine Silver 062	Metallic Champagne 063	Bronze Classic 064
Classic Copper 088	Copper Penny 065	

WEATHERED COLLECTION

Weathered Café Royale 104	Weathered Cocoa 105	Weathered Brown 034
Weathered Bronze 078	Weathered Clay 075	Weathered Red Pepper 106
Weathered Rust 076	Weathered Basil 107	

INDUSTRIAL COLLECTION

Medium Bronze Industrial 101	Dark Bronze Industrial 102
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ANODIZED COLLECTION

Clear Anodized I03/332	Medium Bronze Anodized 096/307	Dark Bronze Anodized 095/306
Black Anodized II7/353	Copper Anodized 352	

Printing limits our ability to show colors precisely.
See your local representative for actual cladding samples.

COMPLETE FEATURES, SPECIFICATIONS & DETAILS.

FEATURES & BENEFITS

Load bearing capabilities.
Thermally broken glazing system with beautiful all-wood interior.
Glazed structural system for residential and commercial applications.
Load bearing engineered system.
Engineered and tested system.
Can incorporate windows and doors into system.
Structural corner units.
NFRC ratings.
Triple glaze option.
Manufactured by the most vertically integrated wood window company resulting in improved quality control and shorter lead times.

STRUCTURAL SYSTEM

BEAMS

Douglas-fir glue-laminated premium select tight knot grade. Optional Alaskan yellow cedar (for high-moisture conditions) glue-laminated, premium (tight knot) grade. Lamination by certified laminator. Light coat of sealer protects wood during shipment and installation; final paint, clear coats or stain by others.

FINISH

Exterior powder coated extruded aluminum in AAMA 2605 finish or optional AAMA 2604 textured finish. Factory fabricated unit and mullion system. Include snap on aluminum caps to conceal fasteners.

CONNECTION MATERIALS

Bolts: zinc plated, hot dipped galvanized if required, sizing varies.
Screws: zinc plated, sizing varies.
Plates: galvanized, hot dipped galvanized, painted, or powder coated steel, size and thickness as required.
Exposure: interior and exterior fasteners are hidden unless specified for decorative purposes.
Brackets & reinforcements: high strength aluminum with non-staining, non-ferrous shims for aligning system components.

ENGINEERING

Standard Engineering: Extensive engineering data is maintained to provide initial member sizes and connection requirements related to wind, seismic and gravity loads.
Special Engineering: Specific data is provided for loads or connections.

Stamps: Sierra Pacific Windows will secure necessary engineer stamps with sufficient time allowed.

WARRANTY

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ASSEMBLY

Custom design and production of glazed structural systems for residential and commercial applications. Each unit is custom built for your specific project. An elaborate shop drawing with appropriate architectural details is produced from general concepts submitted by the end-user or from very specific data from a designer/architect. With approved shop drawings, Sierra Pacific craftsmen produce the structure exactly as needed. Ships KD: preassembled at manufacturing plant; predrilled, marked and labeled.

USGBC LEED® & OTHER CERTIFICATION

PROGRAMS QUALIFICATION

CATEGORIES OF CONSIDERATION

Regional sourcing.

Recycled content.

Daylighting.

SFI materials.

FSC materials.

Energy conservation.

Indoor environmental quality.

VIEWMAX GLAZING SYSTEM

PRODUCTS AVAILABLE

Vertical and sloped glazing, with one or more end walls (includes structure).

Produced in several styles: shed, gable, circular.

Skylight framing: sloped glazing with structure in styles: flat plane, ridge, hip, circular.

Skylight provided by others.

Structural wood window wall: multiple panels of glazed wall with head and sill closure, may be structural to carry vertical loads of the building.

BEAM SIZE

Finished sizing: 3" and 5" widths, varies to accommodate load required.

TESTING

Structural: ASTM E330. Result: DP 50

Air Infiltration: ASTM E283.

Result: .01 CFM/square foot at 6.24 psf.

Water Resistance: ASTM E331. Result: no leakage at 10 psf.

GLAZING SYSTEM MATERIAL

Aluminum extrusions: Alloy 6063, ASTM B21.

Flashings: 26 gauge or thicker as needed, zinicalume coated, PV2 paint or alternate. Stainless steel, powder coated, for corrosive environments.

Gasket: EPDM, .1875 x .6875, Setting blocks: Neoprene, 85 durometer.

Fasteners: C1018 carbon steel, 9-16 shank, 1800 lbs. tensile, 1100 lbs. shear, 56 case hardness (37 core), zinc plating (.0006) min.) and polyvinyl ultraseal coating.

Glass: typical, insulated up to 1" overall thickness; can go larger.



VIEWMAX PLUS GLAZING SYSTEM

PRODUCTS AVAILABLE

Vertical with one or more end walls (includes structure).

Produced in several styles: shed, gable, circular.

Can carry intermediate floor in 2nd story applications.

Structural wood window wall: multiple panels of glazed wall with head and sill closure, may be structural to carry vertical loads of the building.

BEAM SIZE

Finished sizing: 3" and 5" widths, various depths to accommodate load required.

TESTING

Structural: ASTM E330. Result: DP 70.

Air Infiltration: ASTM E283.

Result: at 1.57 psf, infiltration rate was .00 CFM/square foot.

Result: at 6.24 psf, infiltration rate was .01 CFM/square foot.

Water Resistance: ASTM E547 & ASTM E331.

Result: no leakage at 10 psf.

Thermal: NFRC certification.

Approved simulations provide U-factors to .21. Other data based on glass unit make-up.

PRESSURE EQUALIZED GLAZING SYSTEM

Equalizes air pressure in the glazing pocket between the interior air barrier and exterior rain screen.

Equalizes the pressure difference across the rain screen that would otherwise tend to force water into the system.

Creates isolated, weathertight zones with independent baffled drain systems.

GLAZING SYSTEM MATERIAL

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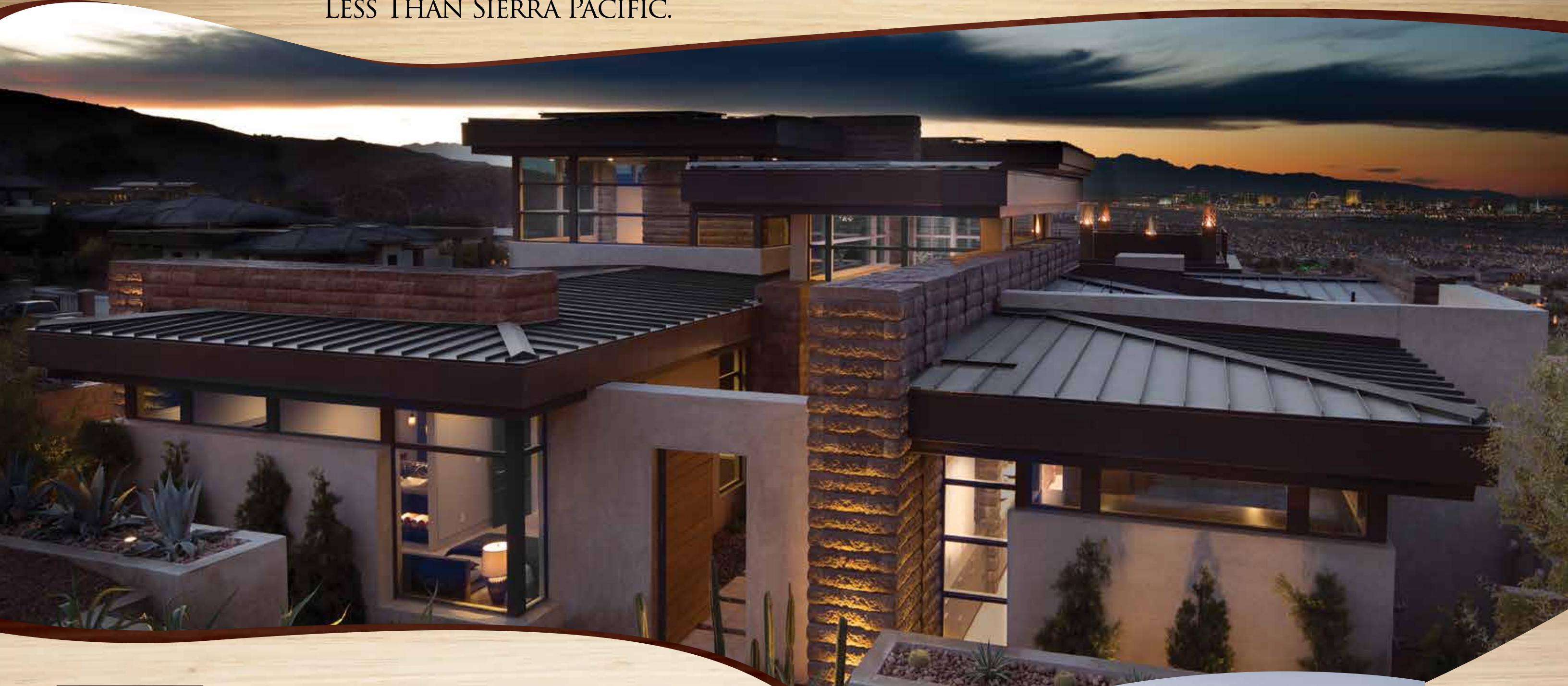
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Glass: typical, insulated to 1" or 1-1/4" overall thickness; various types as required by code and energy needs.

YOUR CLIENTS DESERVE NOTHING LESS THAN SIERRA PACIFIC.



Sierra Pacific is a trusted source for architectural wall systems as well as windows and patio doors for residential or light commercial use.

As one of the largest window companies in America, we have 3 strategically located manufacturing plants and more than 600 dealers, distributors and company stores to give you unparalleled service. Our ever-growing network of experienced architectural consultants, located across the U.S., is ready to provide assistance and collaborate on specifications, engineering, and design needs.

We offer superb quality and distinctive designs, plus all the styles, features and innovation you demand to complete your vision.



Photographer: Jeremy Bittermann.

OUR 1,900,000-ACRE MANUFACTURING PLANT.



Photographer: Mark Lathrop, Sierra Pacific Industries.
Taken on Serra Pacific land south of the Trinity Alps Wilderness, Trinity County, California.

Sierra Pacific Industries manages more than 1.9 million acres of timberland. We're the largest millwork producer in the U.S. and the second largest lumber company.

But our size is only a small part of our story.

We plant 7 million new trees every single year. So 100 years from now, our forests will have more trees—and bigger trees—than today.

Sierra Pacific is the only window company that maintains continuous quality control from the moment our tree seedlings are planted until our beautiful windows are produced, approved and delivered to you.

Upgrade your homes with Sierra Pacific Windows. Talk to your local Architectural Consultant or sales representative about which of our product solutions will work best for your next project.



www.SierraPacificWindows.com | P.O. Box 8489, Red Bluff, CA 96080 | 800-824-7744 A Division of



We reserve the right to change product specifications without notice. Photography used may not represent current product features and options.

INSPIRATION FOR YOUR IMAGINATION.



University of Oregon, Opsis Architecture,
Photographer: Marcus Berg, Unique Angles Photography

Sierra Pacific Architectural Wall Systems.



SIERRA
PACIFIC
WINDOWS



CLEARLY, THIS WAS DREAMED UP
BY A VERY CLEVER ARCHITECT.

Our new Sierra Pacific architectural wall systems are an energy-efficient way to add natural light to any home or business, while enabling you to make a big, bold statement.

With their all-wood interiors and load bearing structural integrity, they are a distinctive upgrade over ordinary storefront glazing or aluminum curtain walls. Our glue-laminated wood beams can actually eliminate the need for steel beams in some cases.

These advanced, highly engineered wall systems can easily incorporate doors, operable windows, and structural corner units.

THE BEST THING ABOUT OUR ARCHITECTURAL WALL SYSTEMS IS HOW YOU'LL USE THEM.

Current residential and commercial trends include expansive use of glass, clean straight lines, and transparency between indoor and outdoor living.

Our architectural wall systems give you the design freedom and load bearing capabilities to meet all those needs.

We combine glue-laminated Douglas fir interiors with extruded aluminum exteriors in 75 colors, with custom color matching also available.



Black Butte Ranch, Hacker Architects, Photographer: Jeremy Bittermann, Joel B Sanders Agency



TESTED IN THE LABS. PROVEN IN REAL LIFE.

Sierra Pacific architectural wall systems are tested to ASTM standards for air and water infiltration and structural wind load performance, plus they meet today's energy standards for heat loss and solar heat gain.

In addition, the performance and durability of our wall systems have been shown in hundreds of commercial and residential installations across the U.S., Canada, and Japan.

ALL THE ENGINEERING YOU NEED.
ALL THE HELP WE CAN OFFER.



Each architectural wall system we produce is architect-driven. Yours will be custom designed and custom built specifically for your project. Our experienced team will work with you from inspiration to installation.

We will provide extensive engineering documentation and elaborate shop drawings with all pertinent architectural details.

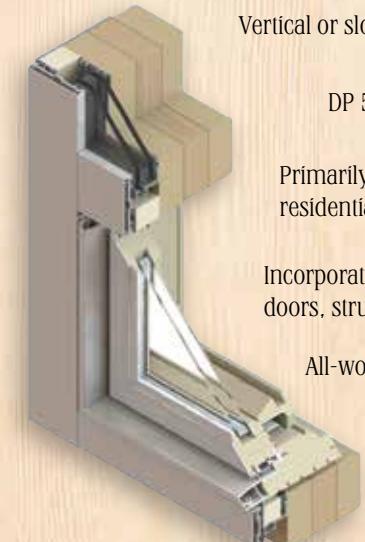
From our experienced architectural consultants located throughout the U.S., to our in-house draftsmen, we take pride in working with architects to achieve every design feature you can envision.

Our architectural wall systems offer vertical and sloped glazing.



VIEWMAX GLAZING SYSTEM.

We offer two sophisticated glazing systems. ViewMax is our glazing system for residential applications. It can be produced for vertical or sloped glazing in several styles, and may be structural to carry vertical loads of the building. It's available with multiple glazing options that meet a .24 U-factor or better, and has earned a DP 50 rating.



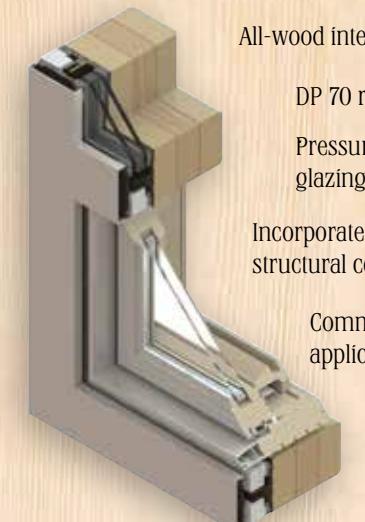
Vertical or sloped glazing.

DP 50 rating.

Primarily used in residential applications.

Incorporates windows, doors, structural corner units.

All-wood interior.



All-wood interior.

DP 70 rating.

Pressure equalized glazing system.

Incorporates windows, doors, structural corner units.

Commercial or residential applications.

VIEWMAX PLUS GLAZING SYSTEM.

ViewMax Plus is an advanced pressure equalized glazing system. It equalizes air pressure between the window interior and exterior thanks to individual, isolated glazing chambers with independent weep systems.

With its sophisticated design and detailing, ViewMax Plus prevents water from being pushed or pulled into the building via the vacuum effect that can happen with other systems.

ViewMax Plus products include wood curtain wall, structural wood window walls, and load bearing window walls. They are available with multiple glazing options, achieving U-factors as low as .21.

With a DP 70 rating, ViewMax Plus is ideal for commercial or residential use.



THE WINDOWS AND DOORS WORTHY OF OUR ARCHITECTURAL WALL SYSTEM.



L'Angolo Winery, Lever Architecture, Photography: PAZ Design Group



To complete your architectural wall system, we have a comprehensive range of Sierra Pacific windows, patio doors, and specialty doors that can be easily integrated into the window walls. Suffice it to say, you'll find anything and everything you're looking for. They'll work in our architectural wall systems, and they have all-wood interiors just like our wall systems.

However, our specialty doors demand special mention.

We offer wood interior multi-slide, lift & slide, and bi-fold doors and windows for dramatically expansive openings. You can choose models that slide completely out of sight into a wall pocket, stack against the wall or open up an entire corner.



EXTERIOR CLAD FINISHES

**FINISH YOUR DESIGN
WITH YOUR FAVORITE COLOR.**

Idaho Residence, Scape Design Studio, Photographer: Tory Taglio Photos



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INDUSTRIAL COLLECTION

Medium Bronze Industrial 101	Dark Bronze Industrial 102
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Glazed structural system for residential and commercial applications.
Load bearing engineered system.
Engineered and tested system.
Can incorporate windows and doors into system.
Structural corner units.
NFRC ratings.
Triple glaze option.
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STRUCTURAL SYSTEM

BEAMS

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FINISH

Exterior powder coated extruded aluminum in AAMA 2605 finish or optional AAMA 2604 textured finish. Factory fabricated unit and mullion system. Include snap on aluminum caps to conceal fasteners.

CONNECTION MATERIALS

Bolts: zinc plated, hot dipped galvanized if required, sizing varies.
Screws: zinc plated, sizing varies.
Plates: galvanized, hot dipped galvanized, painted, or powder coated steel, size and thickness as required.
Exposure: interior and exterior fasteners are hidden unless specified for decorative purposes.
Brackets & reinforcements: high strength aluminum with non-staining, non-ferrous shims for aligning system components.

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PROGRAMS QUALIFICATION

CATEGORIES OF CONSIDERATION

Regional sourcing.

Recycled content.

Daylighting.

SFI materials.

FSC materials.

Energy conservation.

Indoor environmental quality.

VIEWMAX GLAZING SYSTEM

PRODUCTS AVAILABLE

Vertical and sloped glazing, with one or more end walls (includes structure).
Produced in several styles: shed, gable, circular.
Skylight framing: sloped glazing with structure in styles: flat plane, ridge, hip, circular.
Skylight provided by others.
Structural wood window wall: multiple panels of glazed wall with head and sill closure, may be structural to carry vertical loads of the building.

BEAM SIZE

Finished sizing: 3" and 5" widths, varies to accommodate load required.

TESTING

Structural: ASTM E330. Result: DP 50
Air Infiltration: ASTM E283.
Result: .01 CFM/square foot at 6.24 psf.
Water Resistance: ASTM E331. Result: no leakage at 10 psf.

GLAZING SYSTEM MATERIAL

Aluminum extrusions: Alloy 6063, ASTM B21.
Flashings: 26 gauge or thicker as needed, zinicalume coated, PV2 paint or alternate. Stainless steel, powder coated, for corrosive environments.
Gasket: EPDM, .1875 x .6875, Setting blocks: Neoprene, 85 durometer.
Fasteners: C1018 carbon steel, 9-16 shank, 1800 lbs. tensile, 1100 lbs. shear, 56 case hardness (37 core), zinc plating (.0006) min.) and polyvinyl ultraseal coating.
Glass: typical, insulated up to 1" overall thickness; can go larger.



VIEWMAX PLUS GLAZING SYSTEM

PRODUCTS AVAILABLE

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Photographer: Mark Lathrop, Sierra Pacific Industries.
Taken on Serra Pacific land south of the Trinity Alps Wilderness, Trinity County, California.

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