

Angular two-story house faced in brick and having a hipped roof of slate; modern pseudo-Georgian style without distinction.

Stimson Ave

Duncan Pl

Stimson Ave

Var

ds Play
ery Preschool

H:\HDC.Master\HDC Yearly Documentation\HDC.2020\Meeting Docs.2020\Staff Reports\sr06-22-20.doc

Applicant/Architect: Jonathan Chambers, 4 Traverse Street, Providence, RI 02906

Owner: Michael and Elizabeth Huber, 53 Stimson Avenue, Providence, RI 02906

Proposal: The scope of work proposed consists of Major Alterations and includes:

- The applicant is requesting the removal of the non-original vestibule at secondary entrance; replacement of existing single-pane wood windows with insulated wood windows; enlargement of kitchen window (rear elevation); removal of breakfast room and replacement with conservatory room (rear elevation); and the replacement of the clamshell bulkhead with open-stair bulkhead.

Issues: The following issues are relevant to this application:

- A window manufacturer has not been selected as of this time. The applicant has submitted specifications for Trimline, Marvin and Kolbe for the Commission's comments (distributed electronically); Some original leaded windows will be retained and restored;
- The removal of the existing breakfast room and replacement with new conservatory room will not be visible from the public rights-of-way;
- Staff was able to locate the building dept card for the construction of the residence (10/25/1949), attached; and,
- Plans and photos have been submitted.

Recommendations: The staff recommends the PHDC make the following findings of fact:

- a) 53 Stimson Avenue is a structure of historical and architectural significance that contribute to the significance of the Stimson Avenue local historic district, having been recognized as a contributing structure to the Stimson Avenue National Historic Register District;
- b) The application for Major Alterations is considered complete; and,
- c) The work as proposed is in accord with PHDC Standard 8 as follows: the proposed alterations as submitted are aesthetically compatible with the property and district, are minimally-to-not visible from the public rights-of-ways, are reversible and will not have an adverse effect on the property or district.

Staff recommends a motion be made stating that: The application is considered complete. 53 Stimson Avenue is a structure of historical and architectural significance that contribute to the significance of the Stimson Avenue local historic district, having been recognized as a contributing structure to the Stimson Avenue National Historic Register District. The Commission grants Final Approval of the proposal as submitted, as the proposed alterations are aesthetically compatible with the property and district, are minimally-to-not visible from the public rights-of-ways, are reversible and will not have an adverse effect on the property or district, citing and agreeing to the recommendations in the staff report, with staff or a sub-committee to review any additional details.

INSPECTOR OF BUILDINGS DEPARTMENT

DATE Oct. 25, 1949 PERMIT NO. 1413
LOCATION 53 Stimson Avenue
WARD 2 PLAT 11 LOT 31
OWNER Edward & Eleanor Argentieri
ARCHITECT Phillip F. Eddy
BUILDER Owner
MATERIAL Wood, brick veneer
NATURE OF WORK One family dwelling & 2 car attached garage.
NO. OF BLDGS. 1
NO. OF STORIES 2
TO BE USED FOR Dwelling & attached 2 car garage.
NO. OF FAMILIES 1
FIRE DISTRICT 2



Project Address

Michael & Elizabeth Huber
53 Stimson Avenue
Providence, Rhode Island 02906

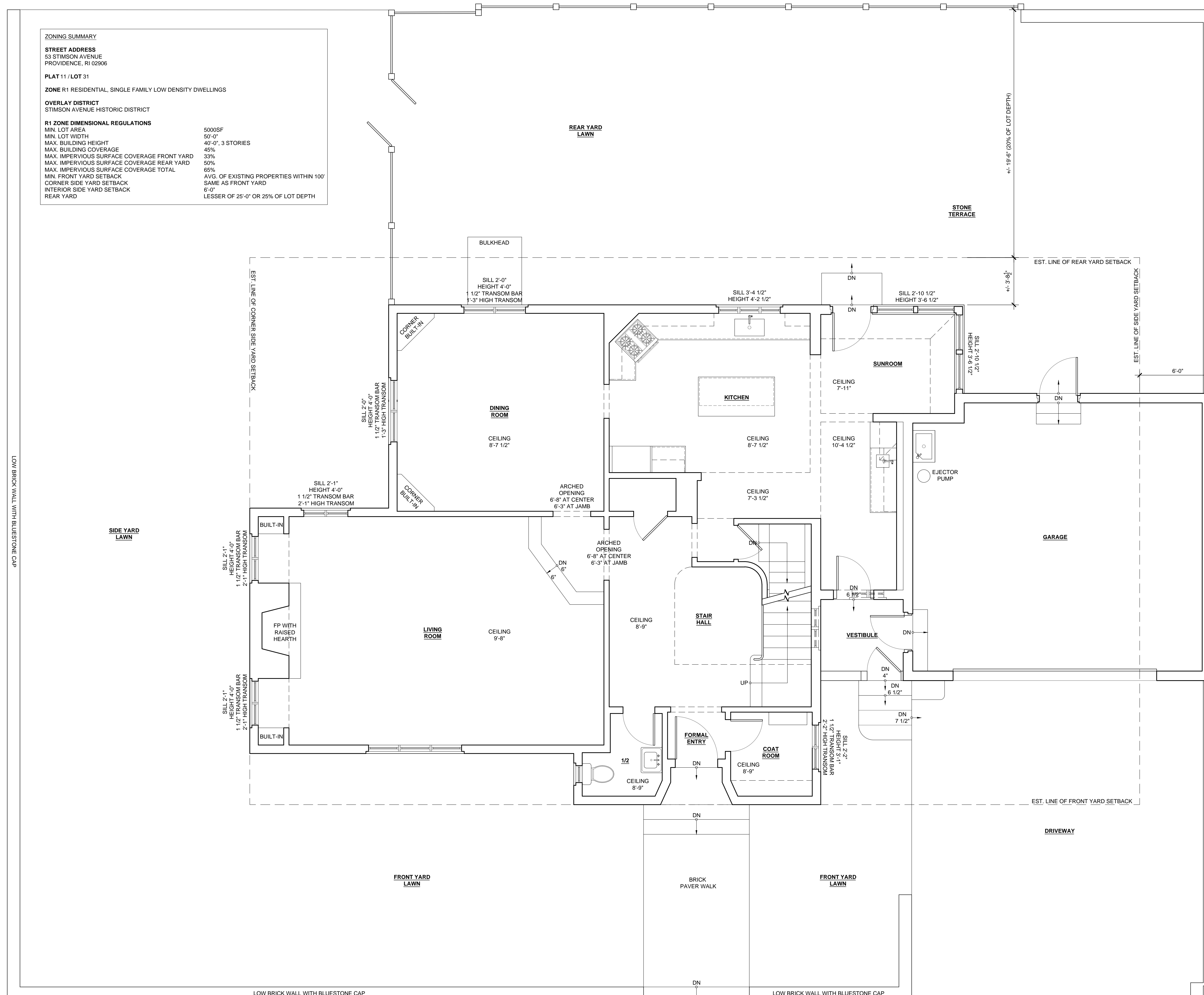
Michael & Elizabeth Huber
53 Stimson Avenue
Providence, Rhode Island 02906

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scale: AS NOTED

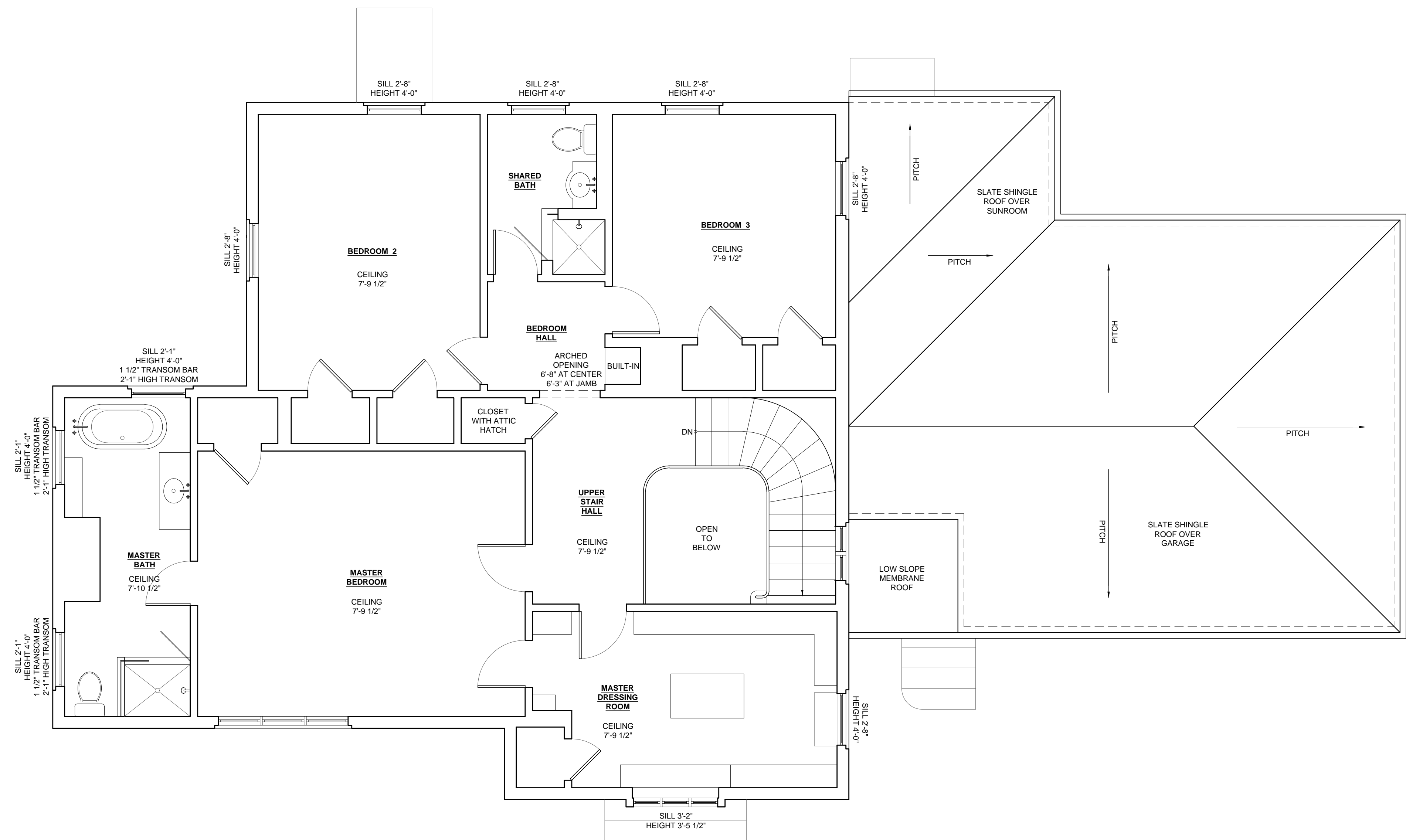
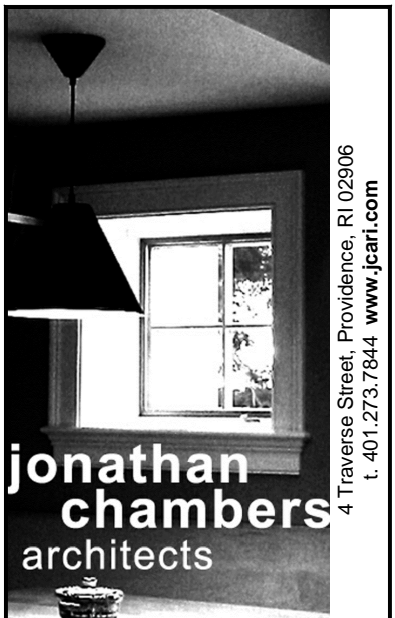
EXISTING
BUILDING
PLANS

X2.1



1 **EXISTING FIRST FLOOR PLAN**
INCLUDING SITE CONTEXT 1/4" = 1'-0"

$$1/4'' = 1'-0''$$



1 **EXISTING SECOND FLOOR PLAN**
INCLUDING SITE CONTEXT 1/4" = 1'-0"

The Huber Residence

Conservatory Room Addition and Interior Alterations

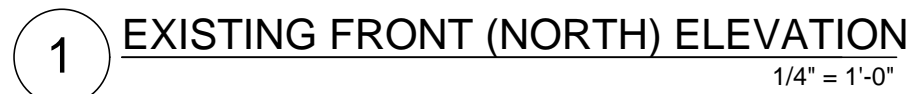
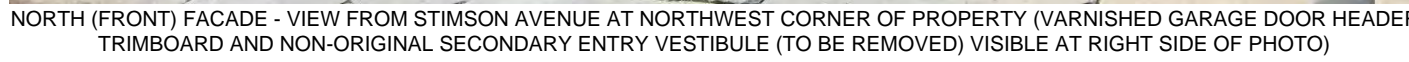
Information	Project Address
Michael & Elizabeth Huber 53 Stimson Avenue Providence, Rhode Island 02906	Michael & Elizabeth Huber 53 Stimson Avenue Providence, Rhode Island 02906

[illegible]

scale: AS NOTED

EXISTING
BUILDING
PLANS

X2.2





SOUTH EAST CORNER OF PROPERTY - VIEW FROM STIMSON AVENUE (AREA OF PROPOSED ADDITION BARELY VISIBLE)



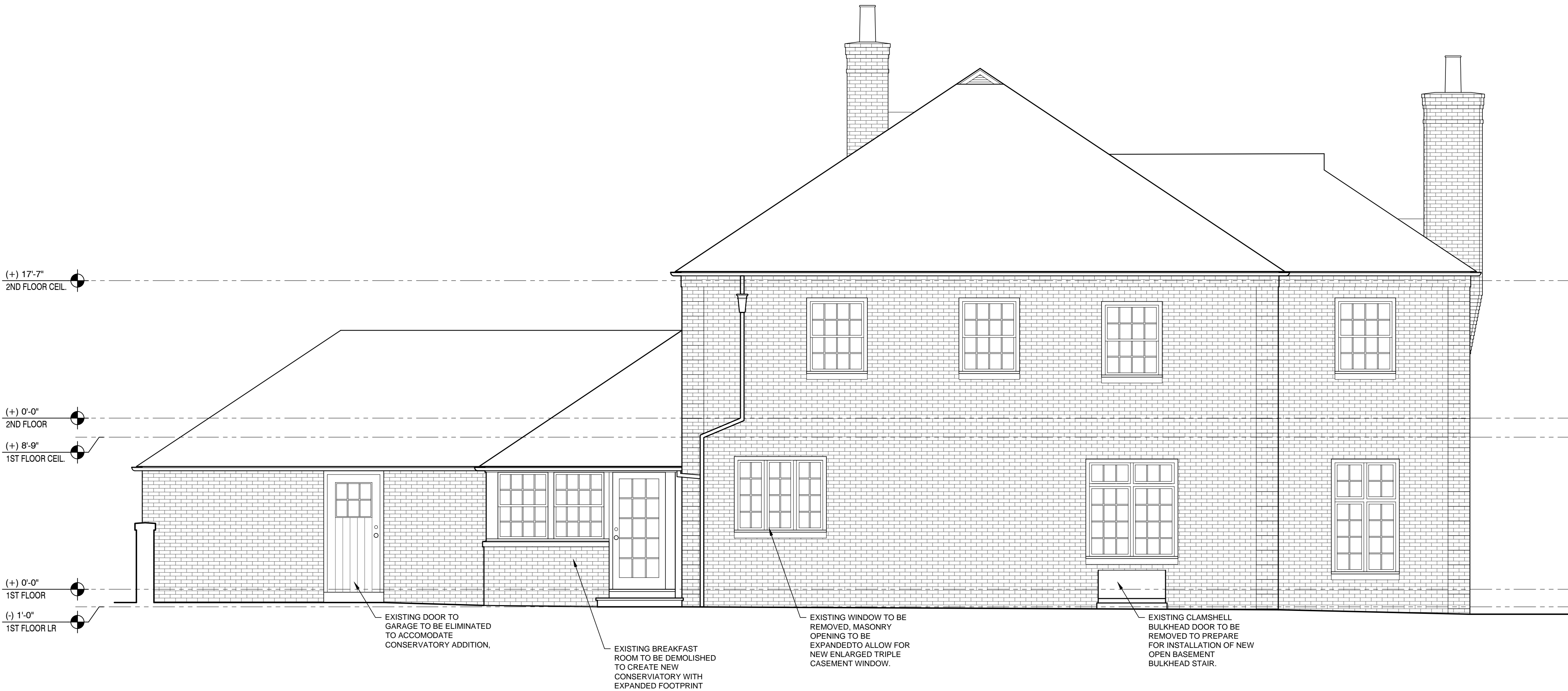
SOUTH (REAR) FACADE - VIEW FROM REAR YARD (AC CONDENSER TO BE RELOCATED, CLAMSHELL BULKHEAD TO BE REPLACED WITH OPEN STAIR)



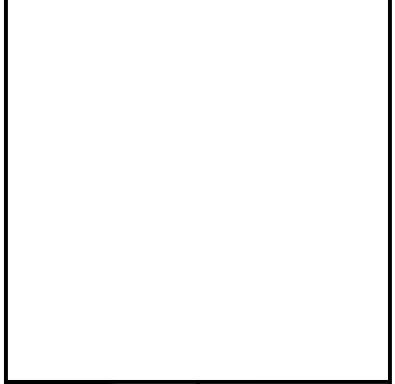
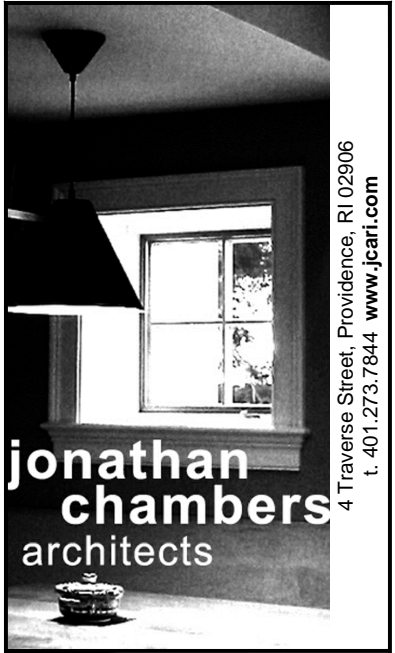
SOUTH (REAR) FACADE - VIEW FROM REAR YARD AT SOUTHWEST CORNER (BREAKFAST ROOM AT CENTER OF PHOTO TO BE DEMOLISHED TO ACCOMMODATE CONSERVATORY ADDITION)



2 EXISTING SIDE (EAST) ELEVATION
1/4" = 1'-0"



1 EXISTING REAR (SOUTH) ELEVATION
1/4" = 1'-0"



The Huber Residence

Conservatory Room Addition and Interior Alterations

Project Address

Michael & Elizabeth Huber
53 Stimson Avenue
Providence, Rhode Island 02906

Client Information

Michael & Elizabeth Huber
53 Stimson Avenue
Providence, Rhode Island 02906

RELEASE	DATE
Existing Cond.	04.30.2020
PHDC	06.08.2020

scale: AS NOTED

EXISTING
BUILDING
ELEVATIONS

X3.2

The Huber Residence
Conservatory Room Addition and Interior Alterations

Project Address
Michael & Elizabeth Huber
53 Stimson Avenue
Providence, Rhode Island 02906

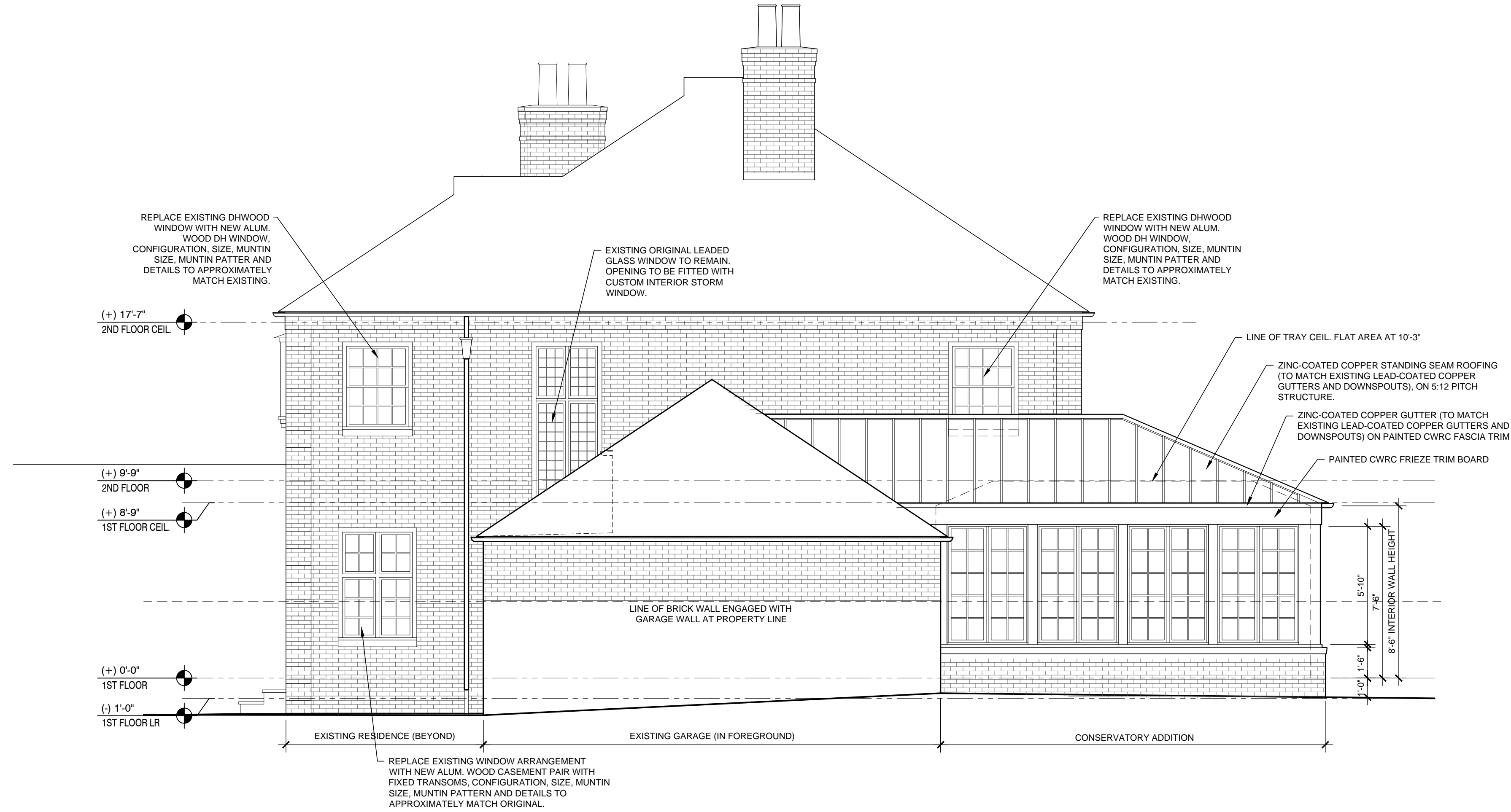
Client Information
Michael & Elizabeth Huber
53 Stimson Avenue
Providence, Rhode Island 02906

RELEASE	DATE
Existing Cond.	04.30.2020
PHDC	06.08.2020

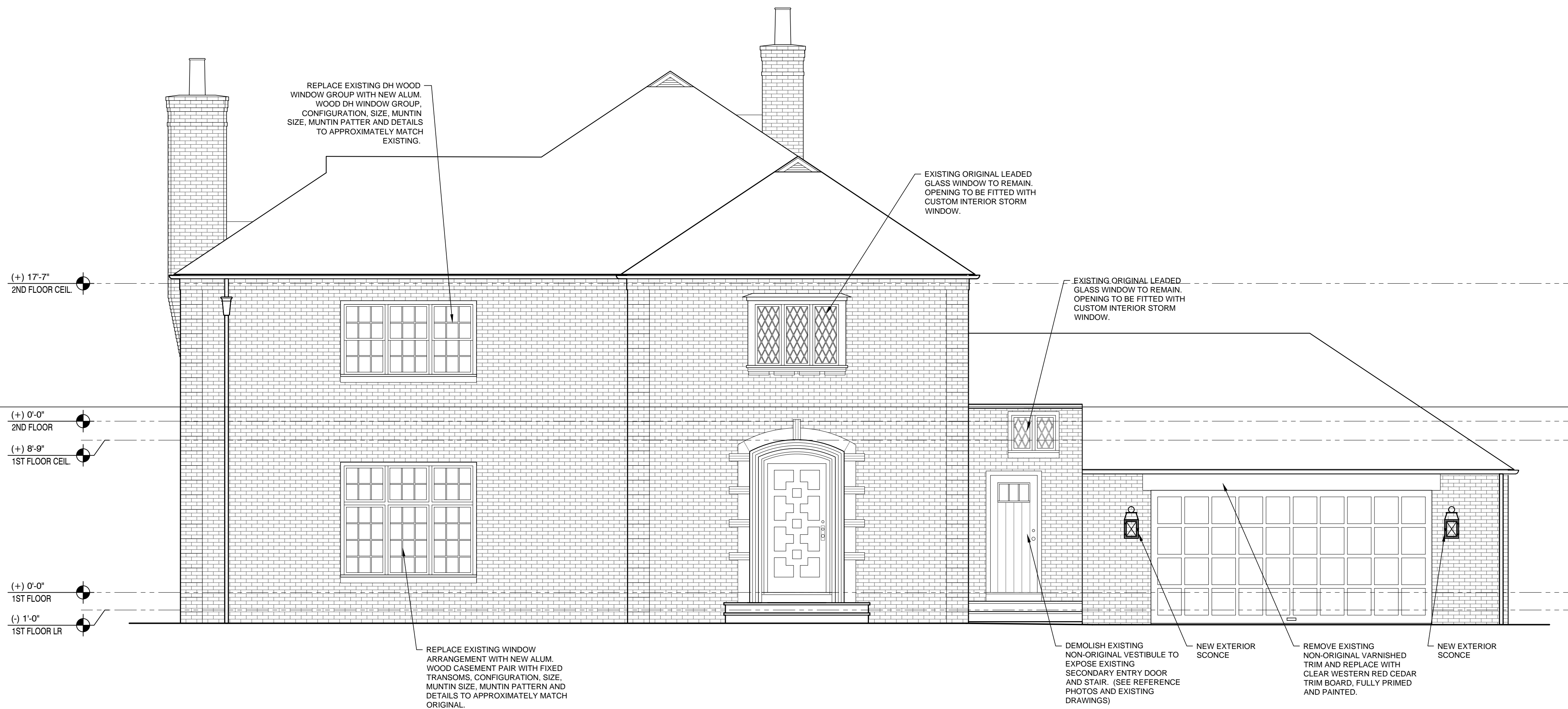
scale: AS NOTED

PROPOSED
BUILDING
ELEVATIONS

A3.1



2 PROPOSED SIDE (WEST) ELEVATION
1/4" = 1'-0"



1 PROPOSED FRONT (NORTH) ELEVATION
1/4" = 1'-0"



The Huber Residence

Michael & Elizabeth Huber
53 Stimson Avenue
Providence, Rhode Island 02906

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53 Stimson Avenue
Providence, Rhode Island 02906

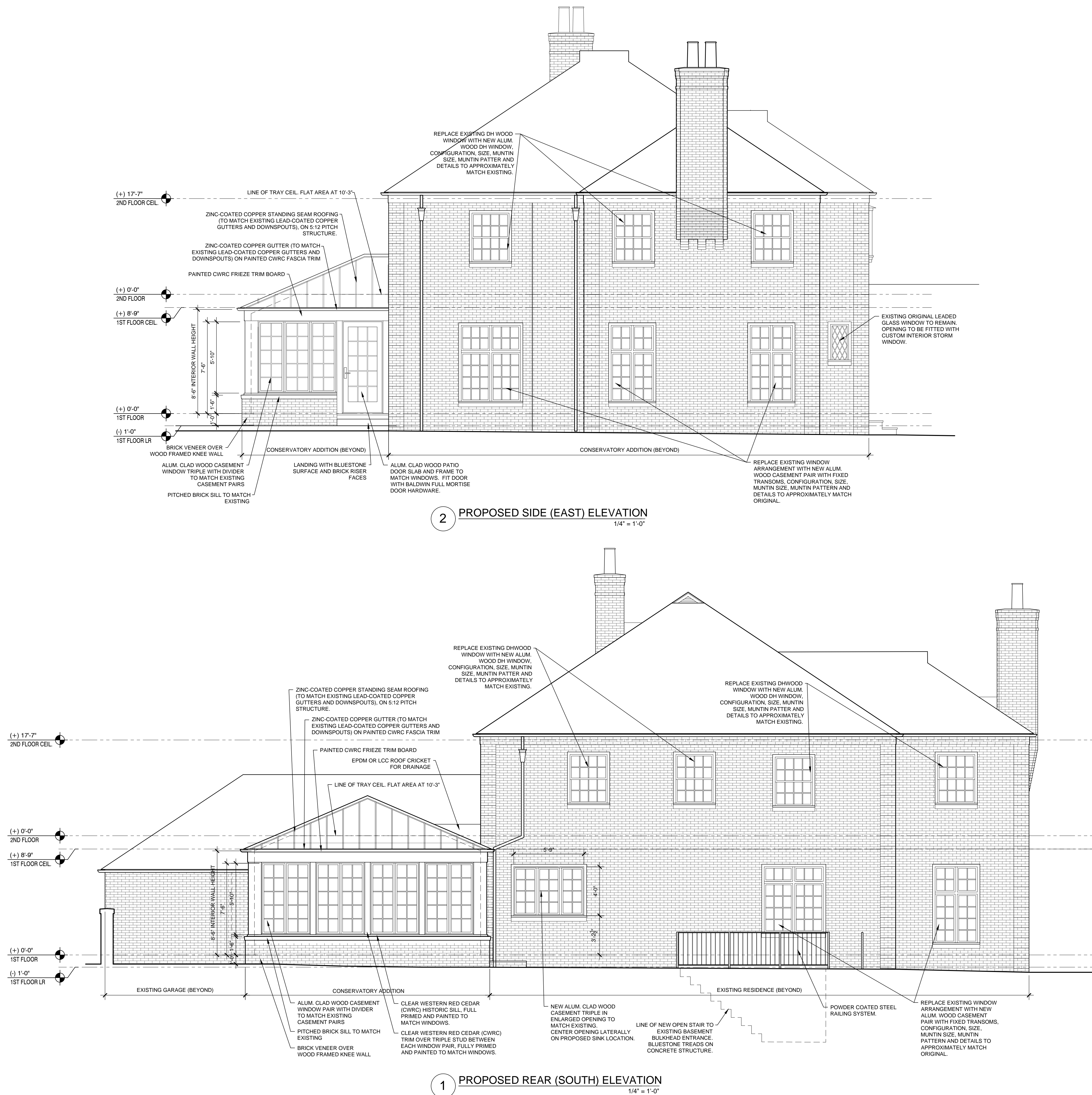
LEASE	DATE
Existing Cond.	04.30.2020
ADC	06.08.2020

S NOTED

scale:

PROPOSED BUILDING ELEVATIONS	
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A3.2



Push-Out Casement

Kolbe's push-out casements have a uniquely simple operation – just unlock a handle to push open or pull closed. Combining ease-of-operation with authentic style, push-out casements offer old-world aesthetics with enhanced energy efficiency.



Push-Out Casement Standard Features

- ▶ 1-3/4" thick sash
- ▶ Overall jamb width is 4-9/16" (basic box width is 2-3/4" plus extensions)
- ▶ Constructed of pine, with pine interior stops and wood mull casings on mull units.
- ▶ Exterior wood parts are treated
- ▶ Extruded aluminum exterior finished with a 70% PVDF fluoropolymer coating (meets performance requirements of AAMA 2605)
- ▶ Accessory grooves are integral to the extruded frames for the easy addition of accessories
- ▶ Energy efficient, insulating Solar Low-E glass
- ▶ Glazed to the interior with beveled wood glazing beads
- ▶ Single-point lever handle in an Oil-Rubbed* finish
- ▶ Concealed hinges (segment head and half circle top units use tri-Euro hinges for added support)
- ▶ Heavy vinyl nailing fins with head drip caps**

NOTE: All measurements are nominal.

*The Oil-Rubbed finish is a living finish, which means that it will change appearance over time with use.

** Standard only on units without brickmould.

Hardware

- ▶ Easy-to-operate single-point or multi-point handles that pull the sash tightly to the frame when closed, with weather stripping to prevent air infiltration and further promote energy efficiency. Available in Oil-Rubbed*, Natural Brass or Satin Nickel.

*The Oil-Rubbed finish is a living finish, which means that it will change appearance over time with use.

Photo courtesy of Benjamin Benschneider Photography & Josef Haid Architecture



Single-Point Lock (shown in Oil-Rubbed*)



Multi-Point Lock (shown in Satin Nickel)





Push-Out EP Casement

Push-out EP (Energy Performance) casement windows feature triple pane glass to provide better energy performance as well as meet ENERGY STAR® criteria for U.S. and Canadian climate zones.

Standard Features *(includes push-out casement standard features on pg. 14, with the exception of the following substitutions)*

- ▶ 2-1/4" thick sash
- ▶ Overall jamb width is 4-9/16" *(basic box width is 3-1/4" plus extensions)*
- ▶ 1-3/8" total thickness of triple pane glass with Solar Low-E and Solar Gain Low-E coatings

Push-Out and Push-Out EP Casement Options

Glass *(pg. 200)*

- ▶ **Solar Gain Low-E**
- ▶ Solar Advanced Control Low-E
- ▶ Solar Control Low-E
- ▶ ThermaPlus™ Low-E
- ▶ Neat®
- ▶ Triple pane
- ▶ Patterned-, bronze-, or gray-lite
- ▶ Tempered or laminated
- ▶ Other options standard to the industry

Divided Lites *(pg. 201)*

- ▶ **Performance divided lites** with 5/8", **7/8"** 1-1/8", 1-3/8", 1-3/4", 2-1/4" or 4-1/2" bars
- ▶ Grilles-in-the-airspace

Insect Screens

- ▶ Retractable insect screen with BetterVue® or UltraVue® fiberglass mesh and a beveled or square wood cover *(pg. 204)*
(not available for segment head and half-circle top casements)
- ▶ Swinging insect screen with BetterVue® or UltraVue® fiberglass mesh and wood frame

NOTE: All measurements are nominal

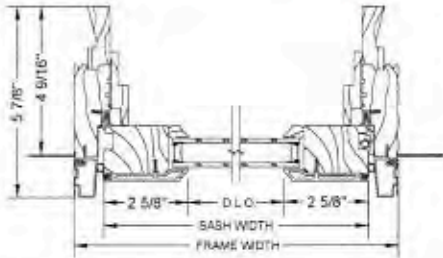
Other Options *(not all options are available on all casement types, custom options are also available)*

- ▶ French push-out casements
- ▶ Other wood species and FSC®-certified wood *(pg. 198)*
- ▶ Interior prefinishing *(pg. 198)*
- ▶ Interior casing
- ▶ Ovolo or square profile glazing beads and interior divided lite bars *(pg. 201)*
- ▶ Prep for stool
- ▶ Extruded aluminum accessories applied to accessory grooves on the exterior frame *(pgs. 206-212)*
- ▶ Extension jambs *(up to 12" applied, over 12" shipped loose for field application)*
- ▶ Galvanized steel installation clips

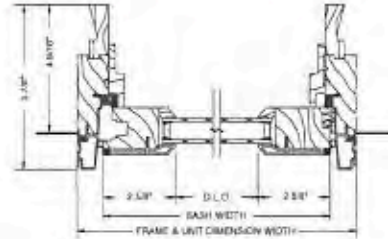
Casements | Cross Section Drawings

Push-Out Casements

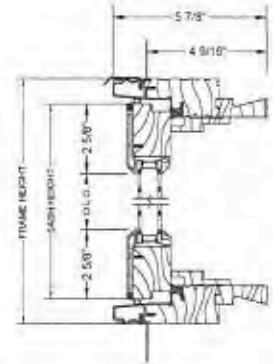
Horizontal Section – single-point lock



Horizontal Section – multi-point lock

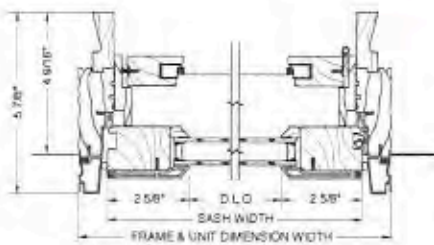


Vertical Section

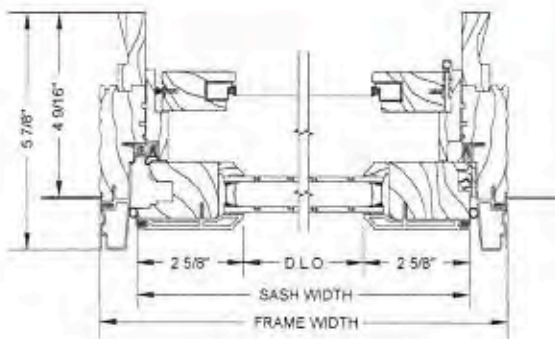


Push-Out Casements | Swinging Screen

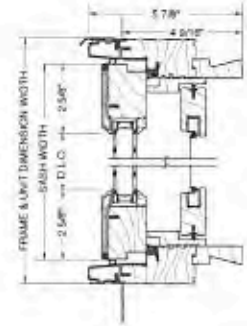
Horizontal Section – single-point lock



Horizontal Section – multi-point lock

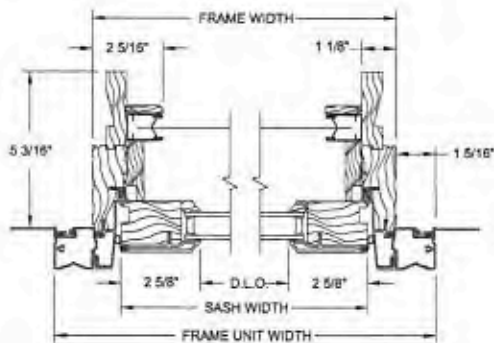


Vertical Section

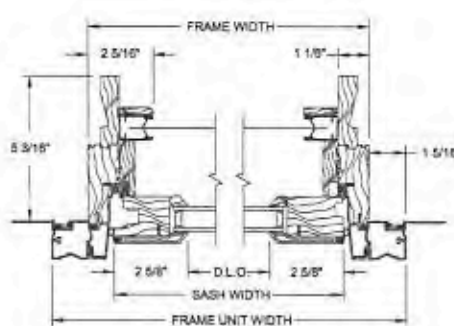


Push-Out Casements | Retractable Screen

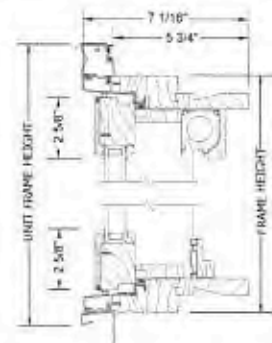
Horizontal Section – single-point lock



Horizontal Section – multi-point lock



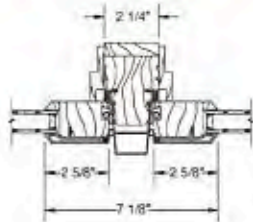
Vertical Section



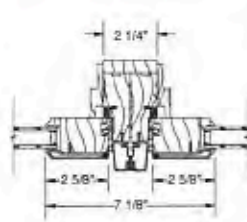
NDTE: Drawings are not to scale. Brickmould is shown factory-applied. Brickmould may be shipped loose for field application. Some units are shown with optional drip cap or nailing fin. For Ultra accessory or application drawings, see pgs. 206-212. Additional and the most current drawings are available at www.kolbewindows.com.

Push-Out Casements

Standard Mullion

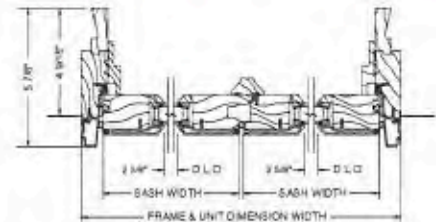


Narrow Mullion

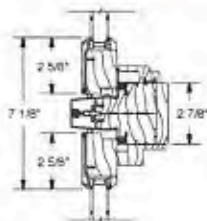


French Push-Out Casements

Horizontal Section

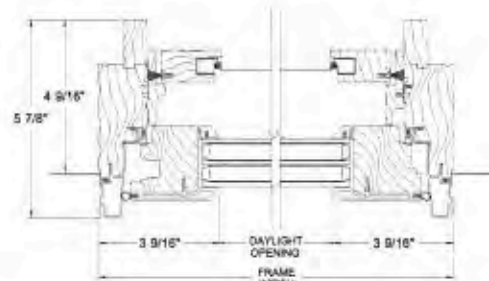


Transom Stacked Over Push-Out Casements

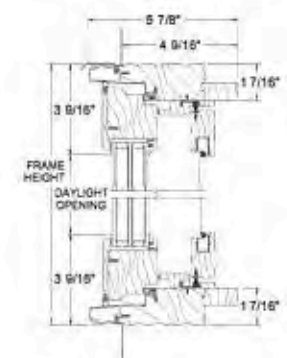


Push-Out EP Casements | Swinging Screen

Horizontal Section – multi-point lock

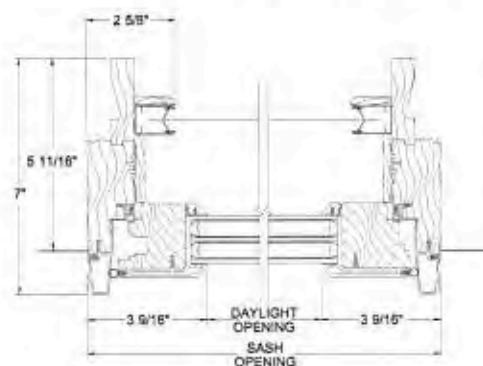


Vertical Section
multi- or single-point lock

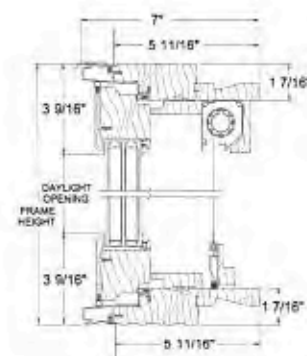


Push-Out EP Casements | Retractable Screen

Horizontal Section – multi-point lock



Vertical Section
multi- or single-point lock



NOTE: Drawings are not to scale. Brickmould is shown factory-applied. Brickmould may be shipped loose for field application. Some units are shown with optional drip cap or nailing fin. For Ultra accessory or application drawings, see pgs. 206-212. Additional and the most current drawings are available at www.kolbewindows.com

Sterling Double Hungs

Sterling double hungs are made to blend seamlessly with the grandest décor. A patented interior wood cover conceals the jambliner, giving the windows a rich, all-wood appearance.

Patents: 7,296,381 | 7,448,164 | 8,196,355 | 8,429,856



Sterling Double Hung Standard Features

- ▶ 1-3/4" thick sash
- ▶ Overall jamb width is 4-9/16" (*basic box width is 4-9/16"*)
- ▶ Frame thickness is 3/4" at side jambs and head
- ▶ Sill thickness is 1-3/16"; slope is 14°
- ▶ Constructed of pine, with pine interior stops and wood mull casings on mulled units
- ▶ Exterior wood parts are treated
- ▶ Extruded aluminum exterior finished with a 70% PVDF fluoropolymer coating (*meets performance requirements of AAMA 2605*)
- ▶ Accessory grooves are integral to the extruded frames for the easy addition of accessories
- ▶ Energy efficient, insulating Solar Low-E glass
- ▶ Glazed to the interior with beveled wood glazing beads
- ▶ Wood interior head parting stop
- ▶ Clay-colored heavy duty Signature sash lock
- ▶ Spring-loaded block-and-tackle mechanical balances to carry the sash weight
- ▶ Concealed balance system
- ▶ Patented wood wrapped jambliner closure on the interior (*unless interior is prefinished white or primed, then jambliner will be white*) and extruded aluminum jambliner closure on the exterior hide balance system
- ▶ Heavy vinyl nailing fins with head drip caps*
- ▶ Pine-veneered head and seat boards; unique narrow mullions and cable support system on bay units

NOTE: All measurements are nominal.

* Standard only on units without brickmould.

Hardware

- ▶ Pick-resistant Signature or Spoon sash lock with a concealed locking system and tilt latches. Available in Clay, White, Beige, Brass, Antique Brass, Satin Nickel, Chrome†, Brushed Chrome†, Antique Nickel, Rustic Umber or Matte Black.
- ▶ Curved, square, or traditional style sash lift handles for ease of use. Available in Clay, White, Beige, Brass, Antique Brass, Satin Nickel, Chrome†, Brushed Chrome†, Antique Nickel, Rustic Umber or Matte Black.
- ▶ Custodial lock to prohibit unauthorized operation (*not pictured*).
- ▶ Universal design crank handle hardware kit offers ease-of-use for people with physical limitations. Available in White (*not pictured*).

† Chrome and Brushed Chrome finishes are only available on Signature sash locks and curved sash lift handles.

Signature Sash Lock

(shown in Antique Nickel)



Spoon Sash Lock

(shown in Antique Brass)



Curved Sash Lift Handle

(shown in Chrome)





Photo courtesy of Meranti Developments Ltd.



Sterling Double Hung Options

Glass (pg. 200)

- ▶ Solar Gain Low-E
- ▶ Solar Advanced Control Low-E
- ▶ Solar Control Low-E
- ▶ ThermaPlus™ Low-E
- ▶ Neat®
- ▶ Triple pane
- ▶ Patterned-, bronze-, or gray-lite
- ▶ Tempered or laminated
- ▶ Other options standard to the industry

Divided Lites (pg. 201)

- ▶ Performance divided lites with 5/8", 7/8", 1-1/8", 1-3/8", 1-3/4", 2-1/4" or 4-1/2" bars
- ▶ Grilles-in-the-airspace

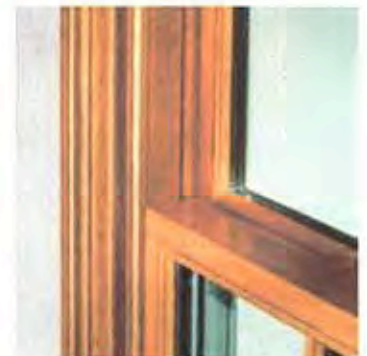
Insect Screens

- ▶ Full or half insect screen with aluminum frame and options for BetterVue® or UltraVue® fiberglass mesh or aluminum mesh; frame will match the exterior color of the unit
- ▶ Retractable insect screen kit with beveled or square cover (pg. 204)

NOTE: All measurements are nominal

Other Options (custom options are also available)

- ▶ Other wood species and FSC®-certified wood (pg. 198)
- ▶ Interior prefinishing (pg. 198)
- ▶ Interior casing
- ▶ Ovolo or square profile glazing beads and interior divided lite bars (pg. 201)
- ▶ Prep for stool
- ▶ Class 5 balances available for commercial specifications or larger units
- ▶ Extruded aluminum accessories applied to accessory grooves on the exterior frame (pgs. 206-212)
- ▶ Extension jambs (up to 12" applied, over 12" shipped loose for field application)
- ▶ Segment head, cottage style segment head, half-circle top, and cottage style half-circle top units
- ▶ Factory-installed Window Opening Control Device (WOCD) (pg. 203)
- ▶ Sash limiters for safety
- ▶ Galvanized steel installation clips
- ▶ High performance or impact performance modifications (pg. 205)



A wood wrapped jamb liner closure on the interior (shown) and an extruded aluminum jamb liner closure on the exterior hide the PVC jamb liners.

Traditional Style Sash Lift Handle

(shown in Rustic Umber)



Square Style Sash Lift Handle

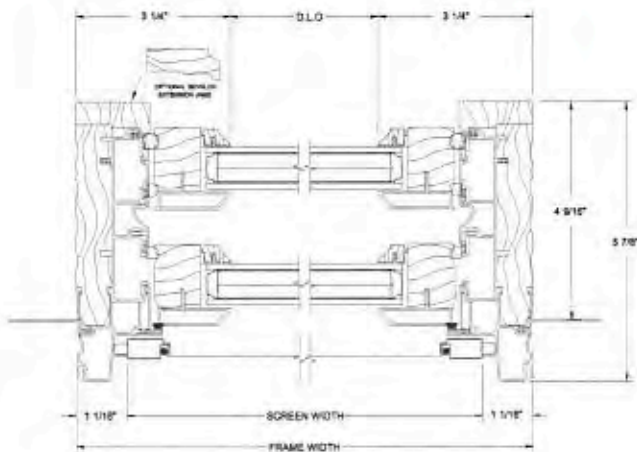
(shown in Satin Nickel)



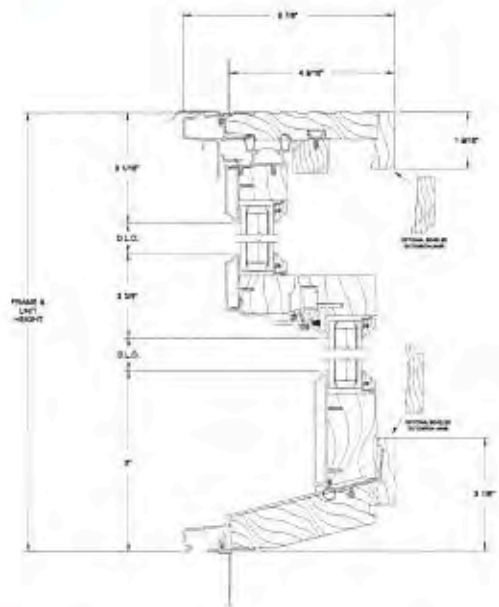
Double Hungs | Cross Section Drawings

Sterling Double Hungs

Horizontal Section

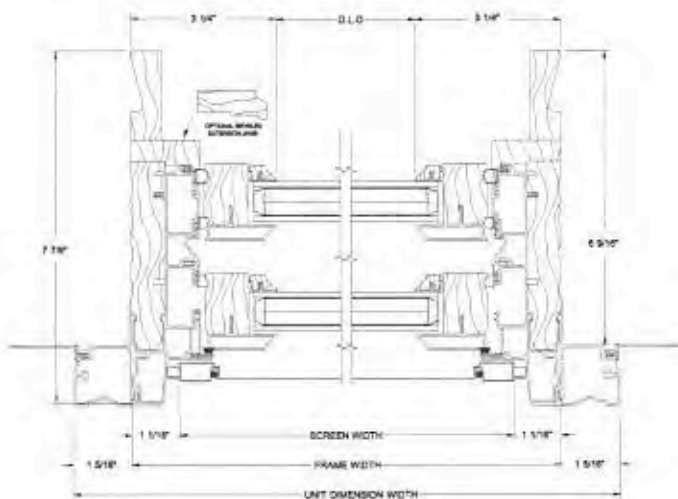


Vertical Section

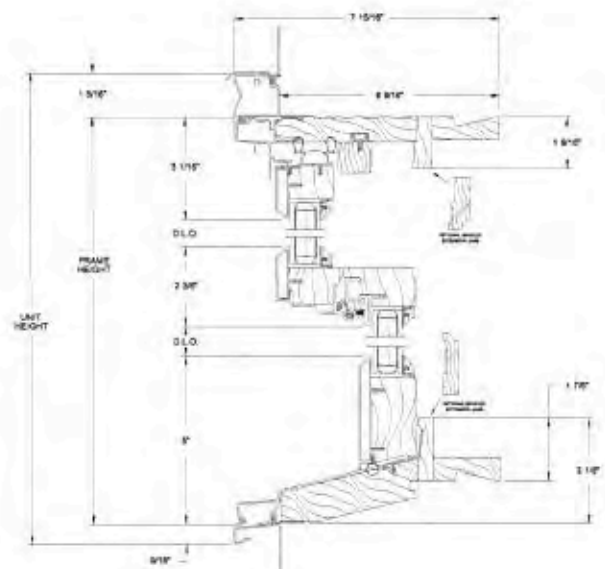


Sterling Double Hungs with 1-15/16" Brickmould & 6-9/16" Jamb

Horizontal Section



Vertical Section

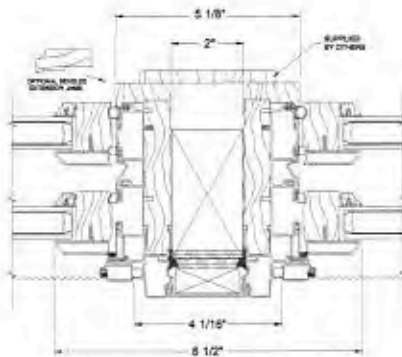


NOTE: Drawings are not to scale. Brickmould is shown factory-applied. Brickmould may be shipped loose for field application. Some units are shown with optional drip cap or nailing fin. For Ultra accessory or application drawings, see pgs. 206-212. Additional and the most current drawings are available at www.kolbewindows.com.

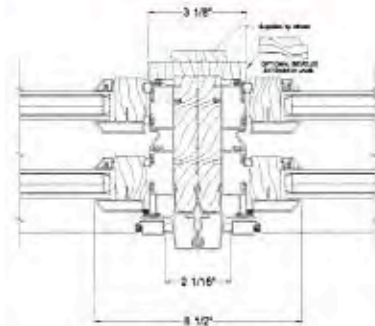
Double Hungs | Cross Section Drawings

Sterling Double Hungs | Operating

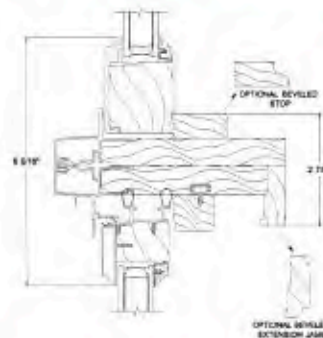
2" Spread Mullion



Mullion Details

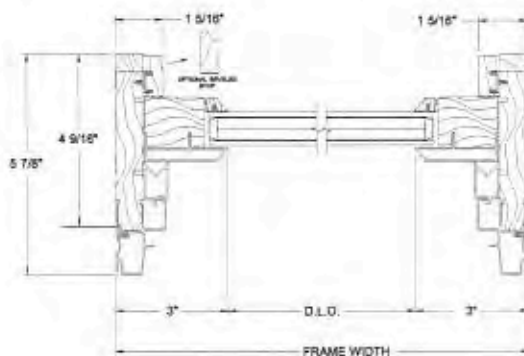


Transom Stacked Above Fixed/Operating

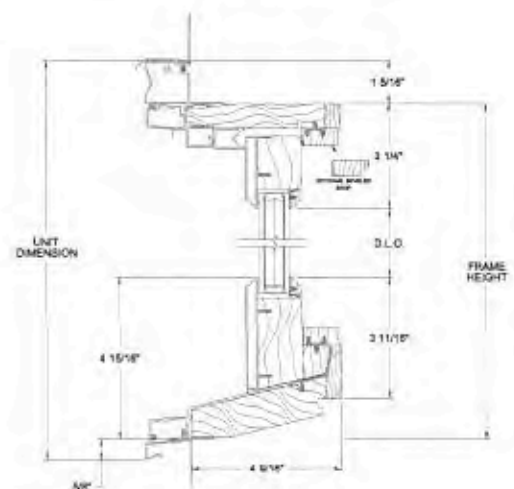


Sterling Studio Units

Horizontal Section



Vertical Section



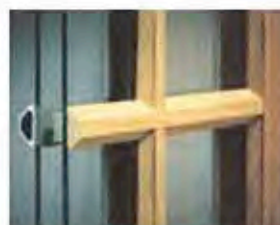
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Divided Lite Options

Expand the character of your home or project by adding one of our divided lite options to your windows and doors. Choose anything from a traditional, colonial-style pattern to a unique, custom design to accentuate the overall appearance of your project. Kolbe offers two types of divided lites for Ultra Series products: performance divided lites and grilles-in-the-airspace. As standard, wood bars have a beveled profile, however, an ovolo profile or a square profile is also available. Divided lite cross section drawings can be found on pg. 213.

Performance Divided Lites

Kolbe's performance divided lite (PDL) glazing system gives the appearance of true divided lites without sacrificing energy efficiency. Extruded aluminum bars are adhered to the exterior and pine bars are adhered to the interior of the single lite of Insulating glass. Aesthetically pleasing spacer bars are installed within the insulating glass unit. Together, these bars create the illusion of true divided lites. PDL bars are available in 5/8", 7/8", 1-1/8", 1-3/8", 1-3/4", 2-1/4" or 4-1/2" bar widths. The exterior finish of the aluminum bars will match the exterior finish on the unit. Variations on the PDL option may include custom grille patterns, custom bar widths or no spacer bars. Some designs may have a composite material for the exterior PDL bar.



Beveled



Ovolo



Square

Grilles-in-the-Airspace

Grilles-in-the-airspace are constructed with aluminum bars sealed between two panes of insulating glass, offering the look of divided panes while reducing cleaning time. For units with 7/8" insulating glass, contoured, 3/4" wide bars are standard in White, Beige, Sand, Rustic, Hartford Green and Chutney. Optional colors are light wood and dark wood faux finishes. Two-tone contour or flat grilles are available with either light or dark wood faux finishes to the interior and White to the exterior. Also available for 7/8" insulating glass are 5/16" wide Brass and Pewter pencil bars.



Glazing Beads & Muntin Bars

As standard, glazing beads have a beveled profile, but may also be ordered with an ovolo or square profile. Matching muntin bars are available on units with performance divided lites (PDL). Units will have beveled muntin bars on the exterior, regardless of which profile is chosen for the interior (See divided lite cross section drawings on pg. 213).



Beveled



Ovolo



Square

Exterior Color Options

Ultra Series products are finished with a 70% PVDF fluoropolymer coating, which is the best choice for durability and resistance to chemicals, abrasion, corrosion, and weathering. It carries up to a 30-year warranty, which proves Kolbe's commitment to providing the very best. In addition to the standard colors, custom colors can be specified, as can 4 anodized aluminum finishes and 4 mica fluoropolymer finishes.

				White	Cloud	Ultra Pure White
				Abalone	Alabaster	Camel
Mudpie	Nutmeg	Khaki	Sahara	Beige	Natural Cotton	Spiced Vinegar
Gingersnap	Truffle	Bronze	Rustic	Shadow	Shale	Smokestack
Onyx	Coal Black	Midnight	Steel Gray	Slate	Castlerock	Timberwolf
Corbeau	Sapphire	Coastal Storm	Anchor Gray	Lunar	Emerald Isle	Mediterranean
Cider	Copper Canyon	Maize	Green Tea Leaf	Basil	Hartford Green	Mystic Ivy
Papaya	Roma	Chutney	Create Your Color			
				Anodized	Clear	Champagne
Galaxy Silver	Silverstorm	Cosmic Gray	Night Sky		Black	Dark Bronze
				Mica		

Some options for our products may have limited color offerings or may incur a nominal charge. Check with your Kolbe dealer for further details on pricing and availability. Printed images of exterior finishes may vary slightly from actual colors. Selections should be made based on actual color samples available from your Kolbe dealer. There is a "color range" with anodized colors. That is, there is an acceptable "light" to "dark" color range that can be experienced on any job. According to AAMA 611-98 specifications, Section 6.3, the range may be up to 5 Delta E's. We can provide from our anodized vendor color samples of this color range if requested. The color range is due to numerous variables which include (but are not limited to) the shape of the parts, alloy variations and time in the anodizing process. This could mean that a sash part may appear slightly different in color than a frame part. This is/will be acceptable. Even the samples that may be provided may vary from the final product due to the variables. You must be aware of this as this will be considered acceptable.

Finish Options

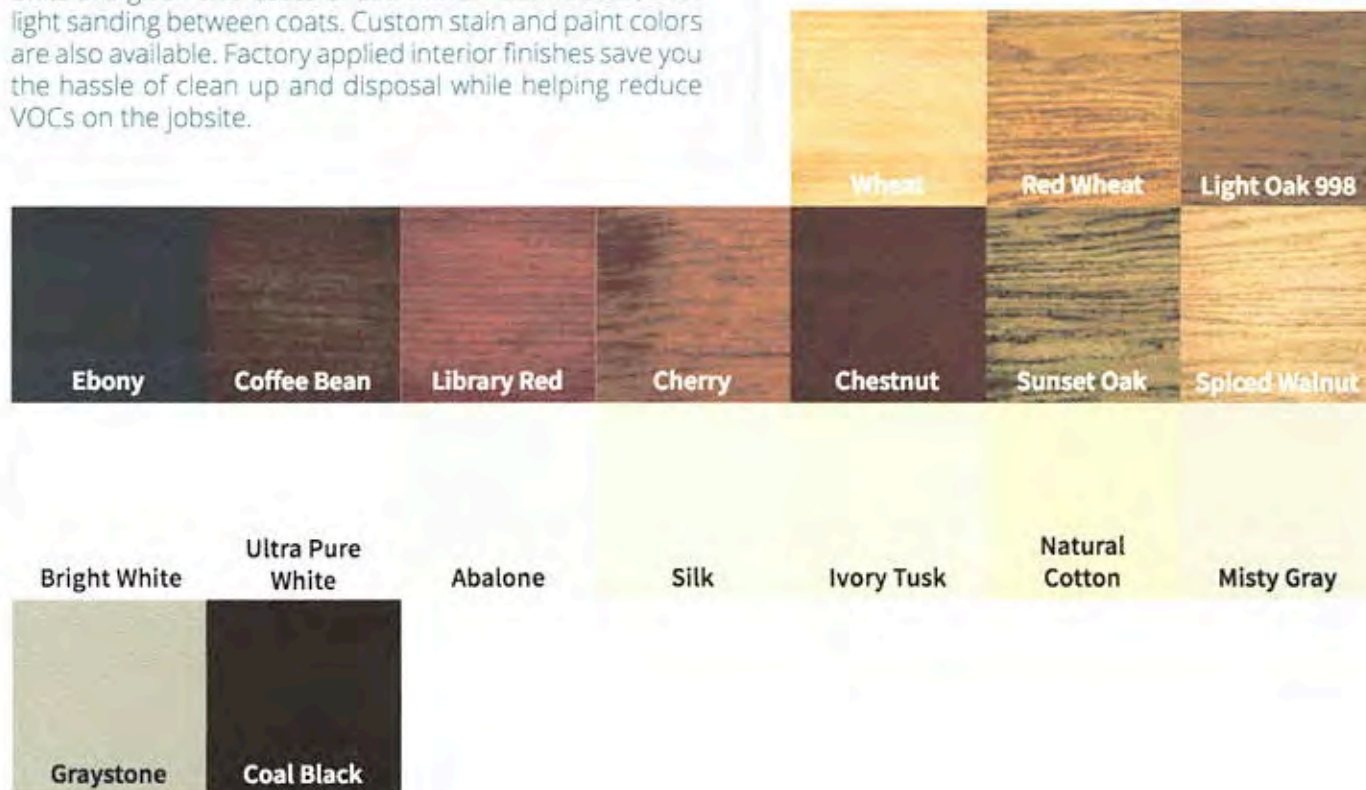
Interior Wood Species

In addition to the standard pine, Ultra Series windows and doors can be constructed of other optional wood species that enhance their look. Pine and other wood species are sourced from managed forests. The Forest Stewardship Council® (FSC®)-certified wood species are also available for green building projects (FSC® license code FSC-C019541). Ask about the availability of additional wood species.



Interior Finish Options

For units that are ready to install upon delivery, Ultra Series windows and doors can be prefinished on the interior with one of the water-based stains or paints shown. Stained units are given two coats of satin finish clear sealer, with light sanding between coats. Custom stain and paint colors are also available. Factory applied interior finishes save you the hassle of clean up and disposal while helping reduce VOCs on the jobsite.



Printed images of wood species and stain options will vary from actual product colors. Selections should be made based on color samples available from your Kolbe dealer. Stain colors are shown on pine. A double coat clear finish is also offered. Since no two trees are identical, wood can be expected to differ both in color and graining. These factors will influence the stain's final color.

Color-matched interior paint is available through any Sherwin-Williams retail store in the United States and Canada.

Glass Options

Glass

Kolbe offers glazing options to provide optimum energy efficiency for the geographic region in which you live. Low-E is a "smart" coating that reduces energy transfer through the insulating glass unit. The result is reduced heating and cooling costs throughout the year. Low-E coatings also reduce the potential for condensation, as well as provide protection against fading of furniture, fabrics and carpeting.

Kolbe offers the following Low-E glass options, as well as many specialized options.

Solar Low-E

Suitable for most climates and meets most energy zone requirements. Solar Low-E glass is designed to reflect room-side heat back into the room during winter months. In summer, visible sunlight is allowed in while blocking most of the sun's infrared heat energy. Kolbe's standard.

Solar Gain Low-E

When the weather turns frigid, Solar Gain Low-E glass is the perfect cold remedy. It keeps homes warmer and more comfortable by blocking heat loss to the outside and letting the sun's heat stream in to increase solar heat gain.

Solar Advanced Control Low-E

A tinted glass recommended for warm climates that achieves solar control over a wide range of the spectrum, while also helping to reduce glare.

Solar Control Low-E

Offers an ideal balance of solar control and high visibility by blocking 95% of UV rays while maintaining the interior temperature.

ThermaPlus™ Low-E

An additional Low-E coating which helps to meet the strictest energy requirements by providing protection against heat loss and UV damage. Available with dual pane versions of Solar Low-E, Solar Control Low-E or Solar Advanced Control Low-E glass.

Triple Pane

Provides a greater energy performing window that keeps indoor air warm and comfortable, prevents heat loss and lowers your heating bills. It is constructed with three panes of glass, thermal spacer bars and is available in Solar Low-E, Solar Gain Low-E, Solar Control Low-E and Solar Advanced Control Low-E glass.

Preserve® Film

A protective film that protects the glass surfaces from scratches during transit and construction, as well as reducing the time involved in job site clean-up.

Tinted, Colored or Patterned

Provides shading, privacy or visual interest.

Tempered

Standard in Kolbe doors to address safety concerns. Also available in window units to meet specific building codes.

Laminated

Benefits include safety, security, sound control and provides the ultimate in UV blockage.

Impact

Glazing utilized to withstand harsh environmental conditions, especially in coastal regions. Combined with an impact rated product, this glazing offers the highest level of security.

Neat®

Harnesses the sun's UV rays to loosen dirt so water can rinse it away, leaving windows virtually spotless. A special sputter-coating process makes the glass ultra smooth, so the water "sheets off" more readily than it would on uncoated glass, allowing you to spend less time cleaning.



NOT UL tested laminated glass. The laminate has 1/4" inner pane. Based on Lawrence Berkeley Lab (LBL) Window 5.0 © 2003 analysis for classical UV transmission data.



Not all glass is available on all products. Please contact your Kolbe dealer for product specifics. Neat and Preserve are trademarks of Cardinal IG. Low-E insulating glass with a stainless steel spacer bar carries a 20 year warranty. Not all glass options listed have the same glass warranty. Please contact your dealer for details.

Options & Accessories

Retractable Insect Screen Kit

For those who prefer an unobstructed view at times, a retractable insect screen kit is offered for Kolbe's Ultra Series Sterling and XL Sterling double hungs, crank-out casements and awnings, and push-out casements and awnings. Wood components that match the interior wood species and finish disguise the screen hardware, revealing only the beauty of the window. When you want to open your window and use the screen, operation is practically effortless. Simply press the pull bar down to the sill to engage the screen; a gentle push toward the exterior allows the screen to retract. BetterVue® fiberglass screen mesh is used as standard for a clearer view; UltraVue® fiberglass screen mesh is also available.

Kit includes all components necessary for field installation.



Kit Components:

a - Side rails

b - Cassette
(housing and pull bar)



c - Wood trim for side rails

d - Wood trim for housing

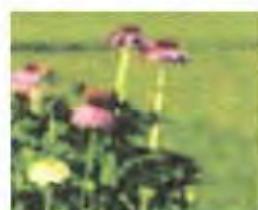
e - Screws

f - Wood trim for pull bar

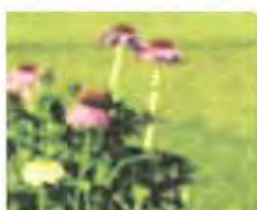


Insect Screen Mesh

Kolbe windows feature various screen mesh options to keep insects out. BetterVue® fiberglass mesh is less visible than many screens in the industry, and has a tighter weave to keep smaller bugs out. It is also flame retardant, and doesn't stain, crease or dent. UltraVue® mesh offers the ultimate in visibility. Both of these options meet strict chemical emissions limits for healthier interiors. Or, choose durable Aluminum screen mesh to help guard against damage from fiberglass screen-eating insects found in certain regions.



BetterVue® Mesh



UltraVue® Mesh



Aluminum Mesh

Water Shed Technology™

Water Shed Technology is an advanced water repellent coating that allows screens to repel water and debris. BetterVue and UltraVue mesh feature this durable coating that increases the life expectancy of the screens, by keeping them cleaner longer. Water beads up and rolls off, to preserve viewing clarity, rain or shine.

Water Shed Technology™ is a trademark of PHIFER INCORPORATED.
BetterVue® and UltraVue® are registered trademarks of PHIFER INCORPORATED.



ULTIMATE DOUBLE HUNG G2



ULTIMATE DOUBLE HUNG G2

The Ultimate Double Hung G2 window is an embodiment of our dedication to the craft of creating windows and doors. Influenced by the rich, historical significance of this window style and inspired by innovative design, each feature is thoughtfully added and every detail is carefully considered. This is all in service of shaping a window that deserves to be in the unique homes our customers desire.



INTERIOR



EXTERIOR



WASH MODE WITH SASH LOCK IN ANTIQUE BRASS

Ultimate Double Hung G2 window with Oil Rubbed Bronze hardware

CE THIS PRODUCT IS CE CERTIFIED

ULTIMATE DOUBLE HUNG G2

Engineered for performance and designed to inspire, each aspect of the Ultimate Double Hung G2 window was made with purpose. Our engineers consider every detail from the most innovative features to the most minute subtleties, all because the windows in your home help illuminate the most important parts of your life.

INTERIOR FEATURES AND PERFORMANCE

RICH WOOD INTERIOR

Offers beauty and warmth with six wood species and ten interior finish options.

NARROW CHECKRAIL

Provides a sleek aesthetic at 1 1/4 inches to maximize daylight opening while maintaining historical accuracy.

TILT WASH

Allows easy access to exterior glass for cleaning and maintenance.

RETRACTABLE SCREEN

A screen option that easily retracts out of sight when not in use and provides smooth, quiet operation.



INTERIOR SHADES

Integrate seamlessly into the window without visible cords or pulleys. The fit is precise with virtually no light bleed.

EXCLUSIVE AUTOLOCK

Activates when the sashes are closed, locking the window.

FIRST-RATE ENERGY EFFICIENCY

Meets ENERGY STAR® standards in energy efficiency with multiple glass options for various regions, climates, and weather needs.

SASH BALANCE SYSTEMS

Enables smooth operation at the largest sizes.

EXTERIOR FEATURES AND PERFORMANCE

DURABLE CLADDING

Exterior cladding made with the industry's highest level of certification, AAMA 2605, extruded aluminum and backed by a 20-year warranty against chalking and fading.

EXPANSIVE SIZES

Larger than 5 feet wide by 10 feet high.

TRADITIONAL SILL BEVEL

The 14-degree bevel provides optimal water management while maintaining a classic look.



SUPERIOR WEATHER PERFORMANCE

LC-PG50 on most sizes. Optional commercial (CW) performance and IZ3 certified coastal performance on most sizes.

DESIGN VERSATILITY

An array of simulated divided lite patterns, interior and exterior color options, ten hardware finishes, and archtop models.

ALUMINUM INTER-LOCK

Eliminates drafts and improves the window's overall structural integrity.

ULTIMATE CASEMENT



Casement architecture windows with Sand Nickel hardware



Casement windows with Matte Brass hardware

ULTIMATE CASEMENT

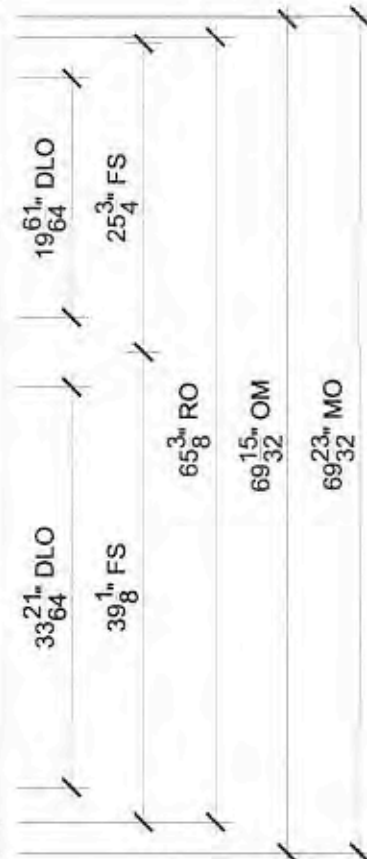
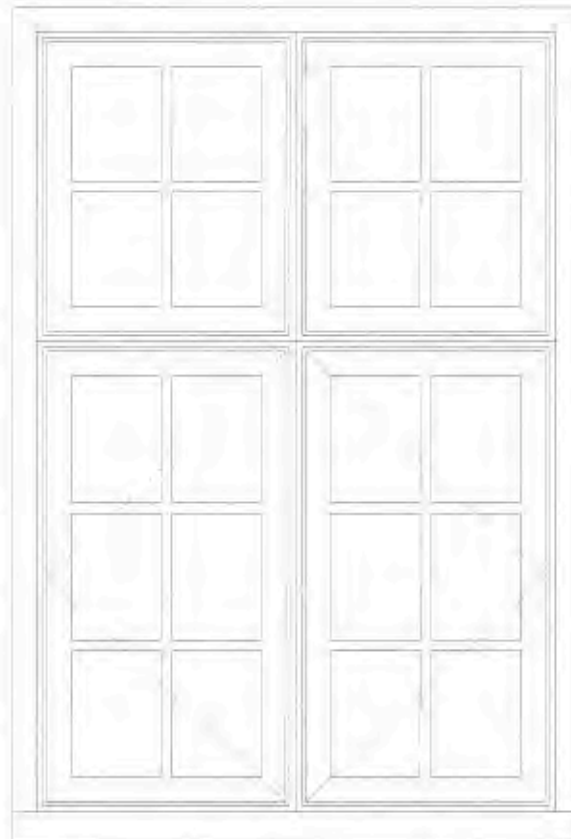
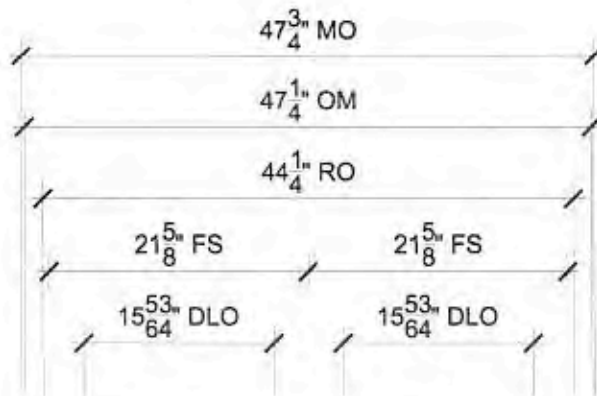
The Ultimate Casement window is offered in some of the largest sizes in the industry, with a secure multi-point lock, durable hardware that ensures smooth operation, and Marvin's exclusive Wash Mode for easy cleaning—even on upper floors. With many design options, including round top shapes, the Ultimate Casement window flexes to fit your vision and can be sized to complement the most expansive views.

ULTIMATE CASEMENT INTERIOR
WITH FOLDING HANDLEULTIMATE CASEMENT EXTERIOR
WITH FOLDING HANDLE

ULTIMATE CASEMENT PUSH OUT INTERIOR WITH PUSH OUT HANDLE



THIS PRODUCT IS CE CERTIFIED
ULTIMATE CASEMENT NARROW FRAME - CLASS 1 ONLY



1ST FLR RIGHT SIDE

SCALE: $\frac{3}{4}" = 1'-0"$

$\frac{1}{7}$ Head	$\frac{2}{7}$ Horizontal Mullion	$\frac{3}{7}$ Jamb
$\frac{4}{7}$ Vertical Mullion	$\frac{1}{8}$ Jamb	$\frac{2}{8}$ Vertical Mullion
$\frac{5}{8}$ Sill	$\frac{4}{8}$ Divided Lite	



PROJ/JOB: DAVID LAMONTAGNE / 53 STIMSON
 DIST/DEALER: CHACE BUILDING SUPPLY-GO
 DRAWN: STEVE COOK
 QUOTE#: SJ8FLSH

PK VER: 0003.02.01

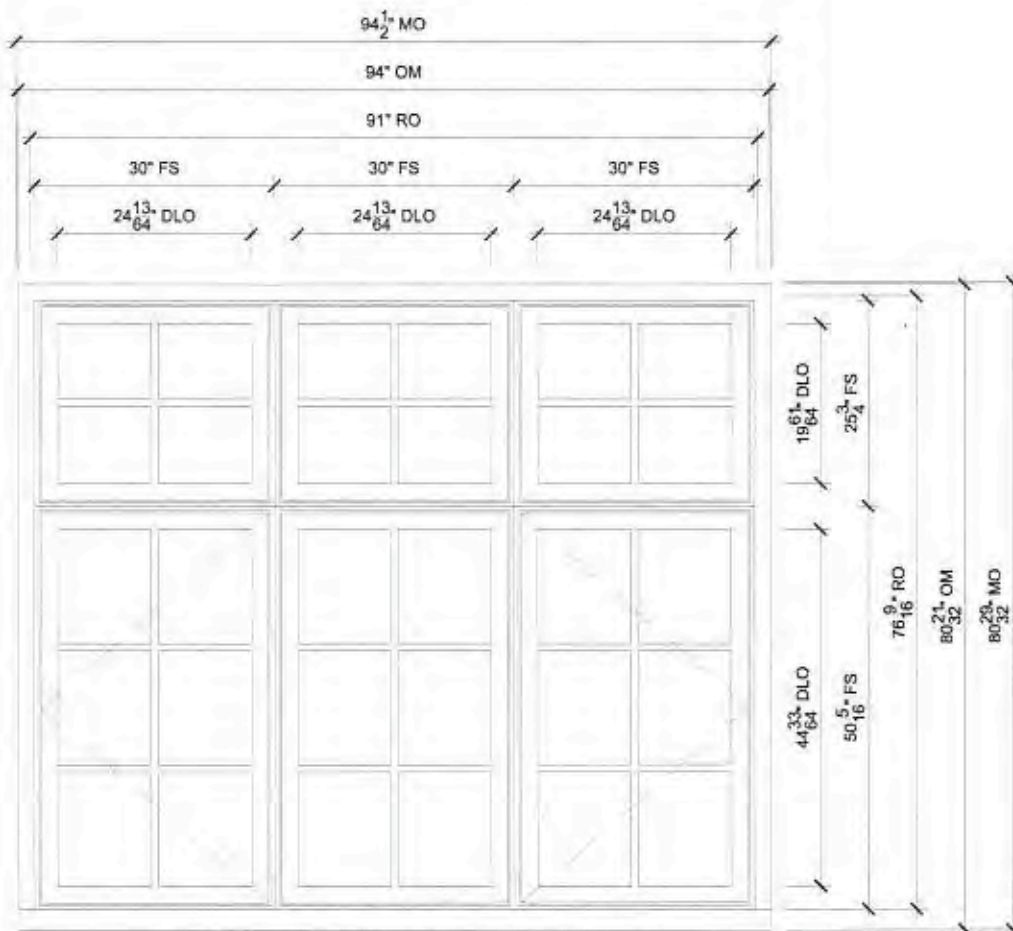
CREATED: 06/12/2020

REVISION:

SHEET

1

OF 12



IST FLR FRT LEFT

SCALE: 1/2" = 1'-0"

$\frac{1}{7}$ Head	$\frac{1}{9}$ Horizontal Mullion	$\frac{2}{9}$ Horizontal Mullion
$\frac{2}{7}$ Horizontal Mullion	$\frac{3}{7}$ Jamb	$\frac{4}{7}$ Vertical Mullion
$\frac{3}{9}$ Jamb	$\frac{4}{9}$ Vertical Mullion	$\frac{1}{10}$ Vertical Mullion
$\frac{2}{10}$ Jamb	$\frac{3}{10}$ Sill	$\frac{4}{10}$ Sill
$\frac{3}{8}$ Sill	$\frac{4}{8}$ Divided Lite	



PROJ/JOB: DAVID LAMONTAGNE / 53 STIMSON
 DIST/DEALER: CHACE BUILDING SUPPLY-GO
 DRAWN: STEVE COOK
 QUOTE#: SJ8FLSH

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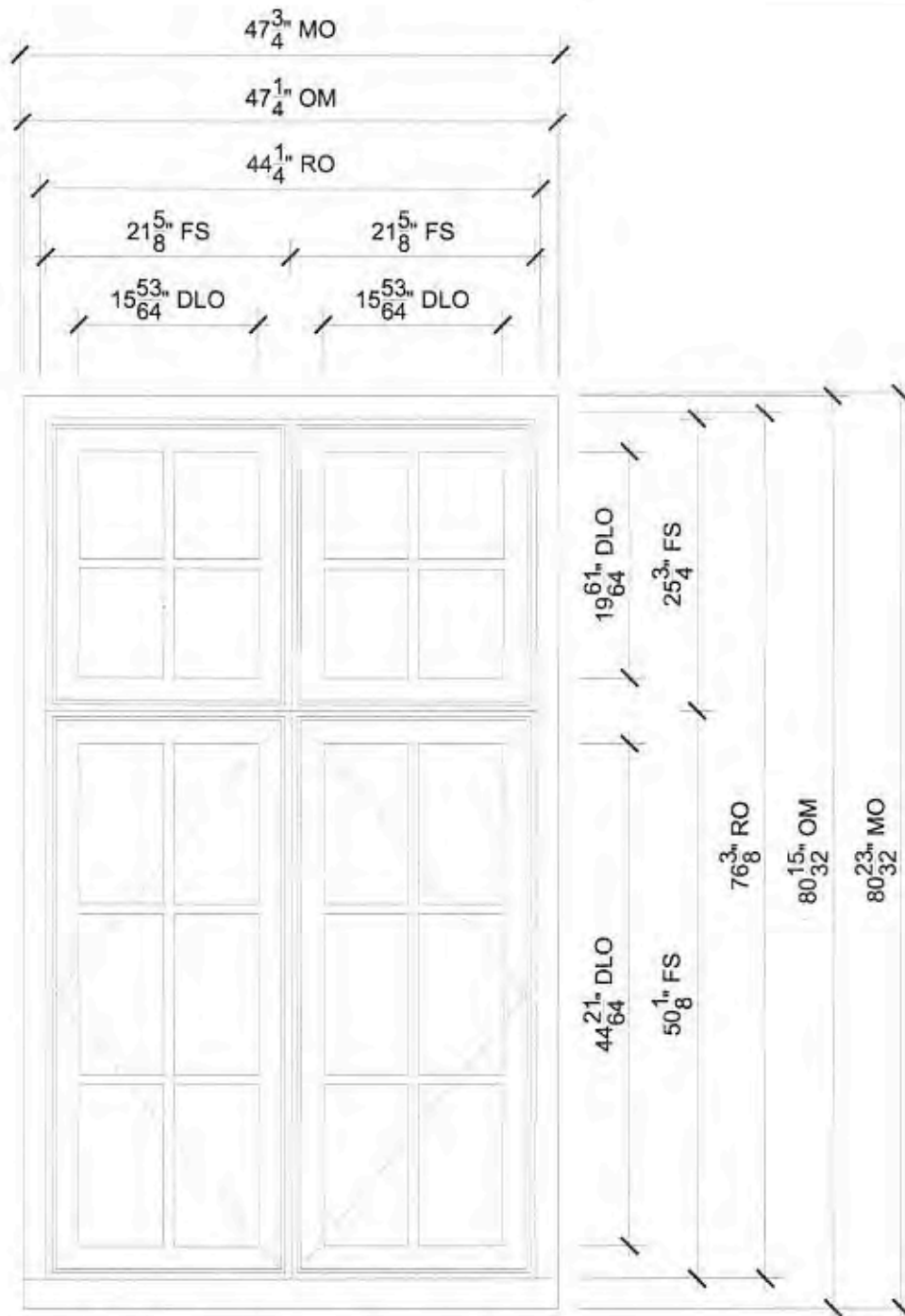
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REVISION:

SHEET









2

OF 12



1ST LEFT SIDE & JOG

SCALE: 3/4" = 1'-0"

 Head	 Horizontal Mullion	 Jamb
 Vertical Mullion	 Jamb	 Vertical Mullion
 Sill	 Divided Lite	



PROJ/JOB: DAVID LAMONTAGNE / 53 STIMSON
 DIST/DEALER: CHACE BUILDING SUPPLY-GO
 DRAWN: STEVE COOK
 QUOTE#: SJ8FLSH

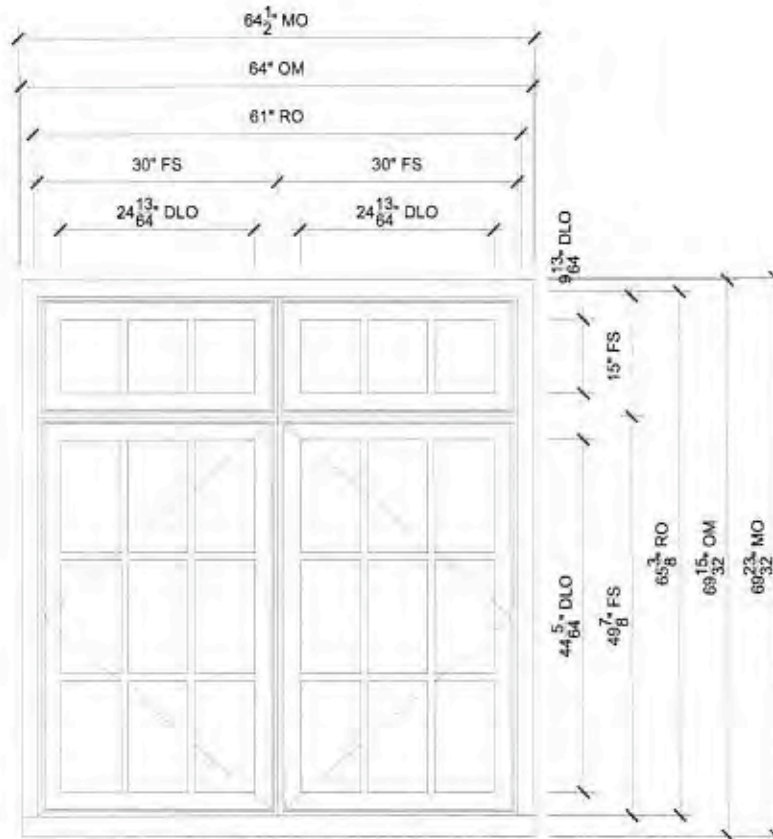
PK VER: 0003.02.01

CREATED: 06/12/2020 REVISION:

SHEET

3

OF 12



1ST BACK LEFT & BULKHEAD

SCALE: 1/2" = 1'-0"

- | | |
|--------------------|----------------------------------|
| $\frac{1}{7}$ Head | $\frac{2}{7}$ Horizontal Mullion |
| $\frac{3}{7}$ Jamb | $\frac{4}{7}$ Vertical Mullion |
| $\frac{1}{8}$ Jamb | $\frac{2}{8}$ Vertical Mullion |
| $\frac{3}{8}$ Sill | $\frac{4}{8}$ Divided Lite |



PROJ/JOB: DAVID LAMONTAGNE / 53 STIMSON
 DIST/DEALER: CHACE BUILDING SUPPLY-GO
 DRAWN: STEVE COOK
 QUOTE#: SJ8FLSH

PK VER: 0003.02.01

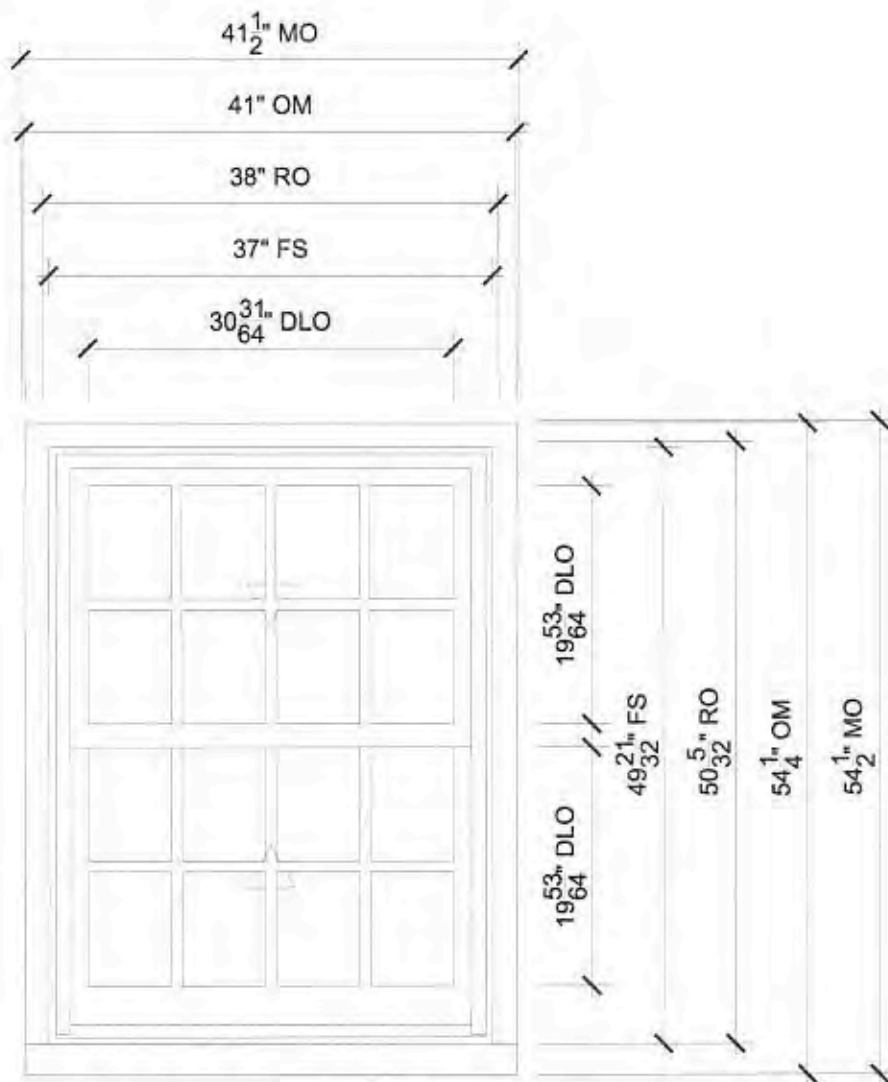
CREATED: 06/12/2020

REVISION:

SHEET

4

OF 12



SECOND FLOOR

SCALE: 3/4" = 1'-0"

$\frac{1}{11}$ Head

$\frac{2}{11}$ Jamb

$\frac{3}{11}$ Sill

$\frac{4}{11}$ Divided Lite

$\frac{1}{12}$ Checkrail



PROJ/JOB: DAVID LAMONTAGNE / 53 STIMSON
 DIST/DEALER: CHACE BUILDING SUPPLY-GO
 DRAWN: STEVE COOK
 QUOTE#: SJ8FLSH

PK VER: 0003.02.01

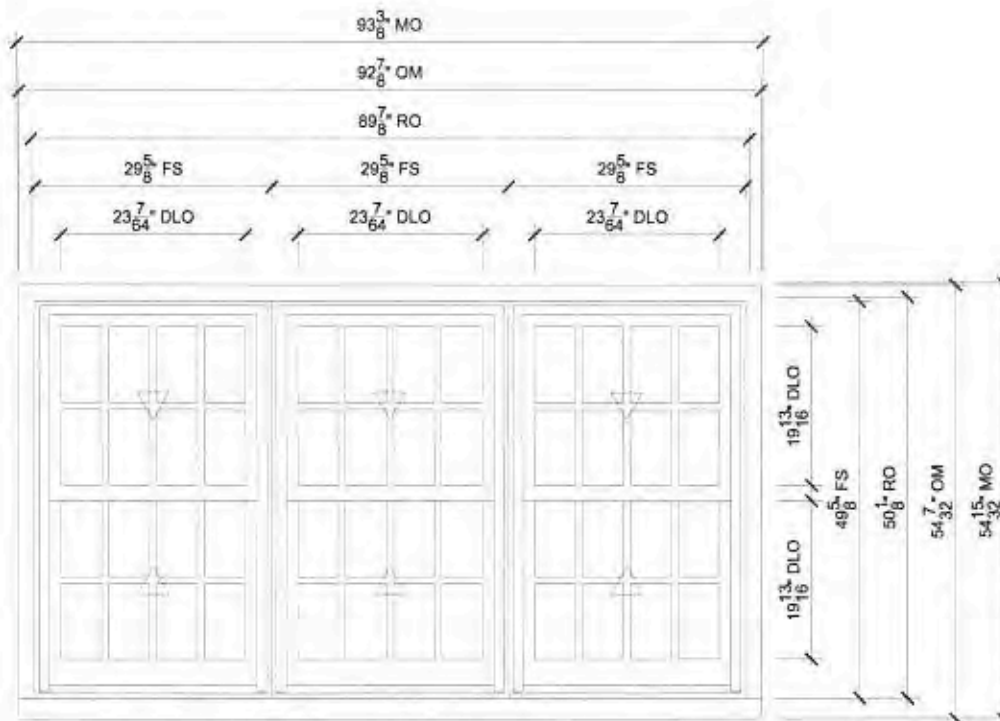
CREATED: 06/12/2020

REVISION:

SHEET

5

OF 12



SECOND FLOOR TRIPLE

SCALE: 1/2" = 1'-0"

1
11 Head

2
11 Jamb

3
12 Vertical Mullion

3
11 Sill

4
11 Divided Lite

1
12 Checkrail



PROJ/JOB: DAVID LAMONTAGNE / 53 STIMSON
 DIST/DEALER: CHACE BUILDING SUPPLY-GO
 DRAWN: STEVE COOK
 QUOTE#: SJ8FLSH

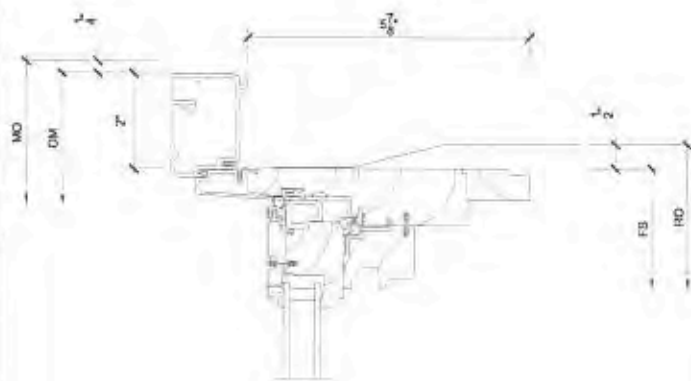
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CREATED: 06/12/2020 REVISION:

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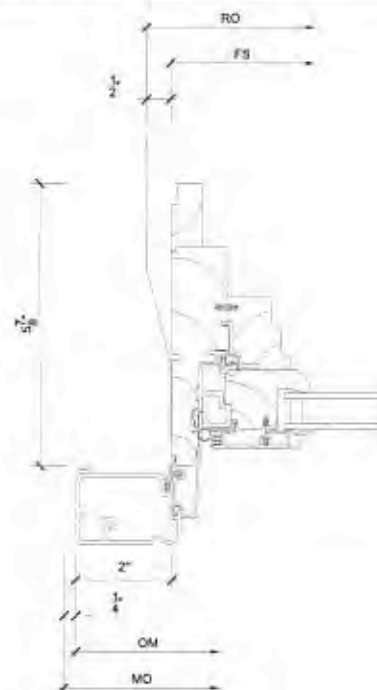
6

OF 12



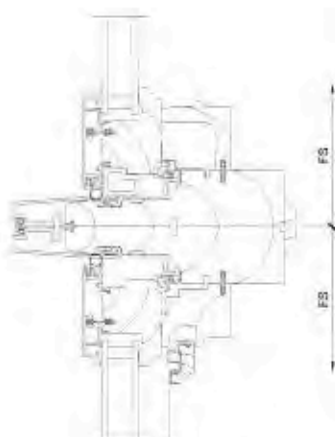
1
7 Head

SCALE: 3" = 1'-0"



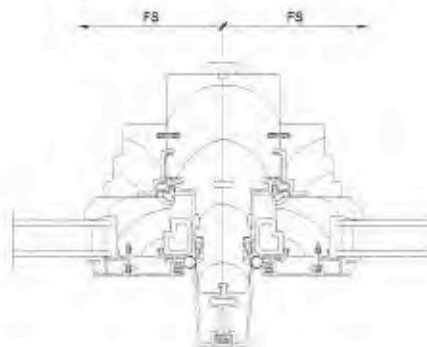
3
7 Jamb

SCALE: 3" = 1'-0"



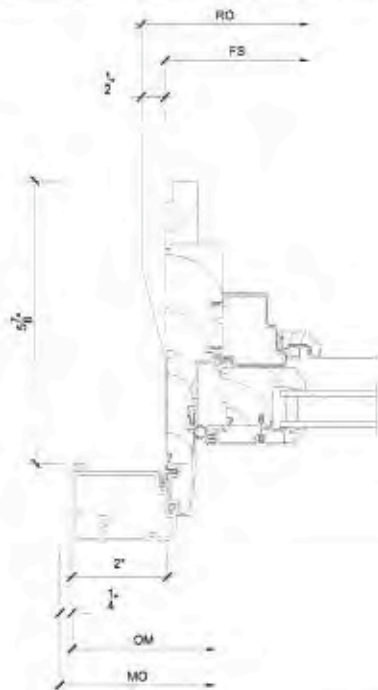
2
7 Horizontal Mullion

SCALE: 3" = 1'-0"



4
7 Vertical Mullion

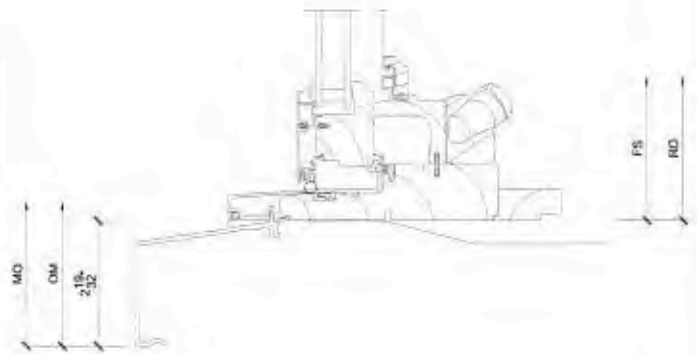
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1
8

Jamb

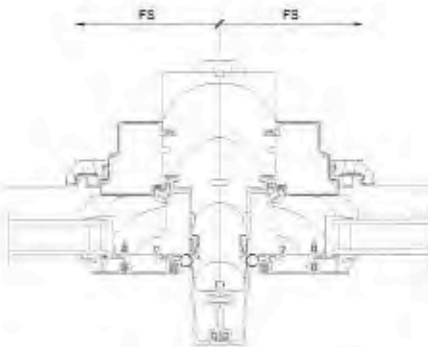
SCALE: 3" = 1'-0"



3
8

Sill

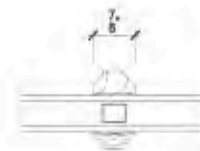
SCALE: 3" = 1'-0"



2
8

Vertical Mullion

SCALE: 3" = 1'-0"



4
8

Divided Lite

SCALE: 3" = 1'-0"



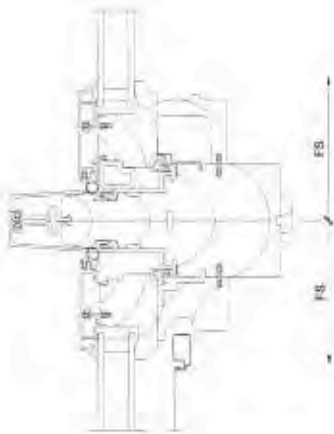
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DIST/DEALER: CHACE BUILDING SUPPLY-GO
DRAWN: STEVE COOK
QUOTE#: SJ8FLSH PK VER: 0003.02.01

CREATED: 06/12/2020 REVISION:

SHEET

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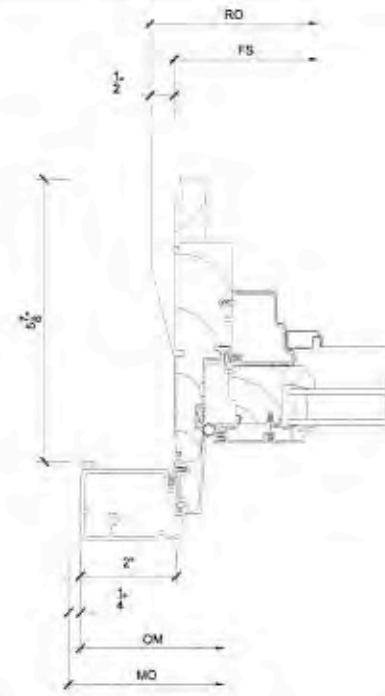
OF 12



1
9

Horizontal Mullion

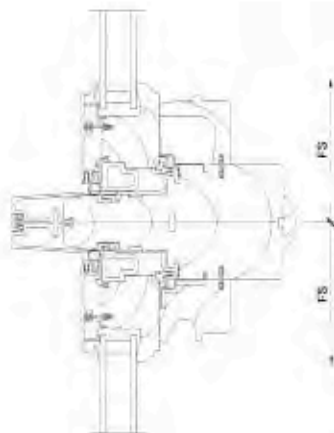
SCALE: 3" = 1'-0"



3
9

Jamb

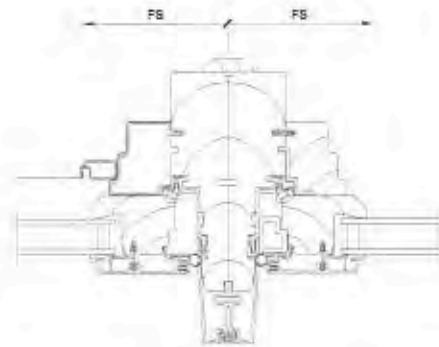
SCALE: 3" = 1'-0"



2
9

Horizontal Mullion

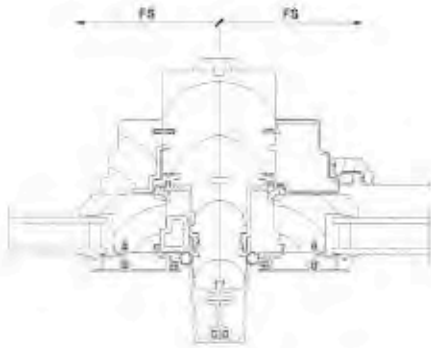
SCALE: 3" = 1'-0"



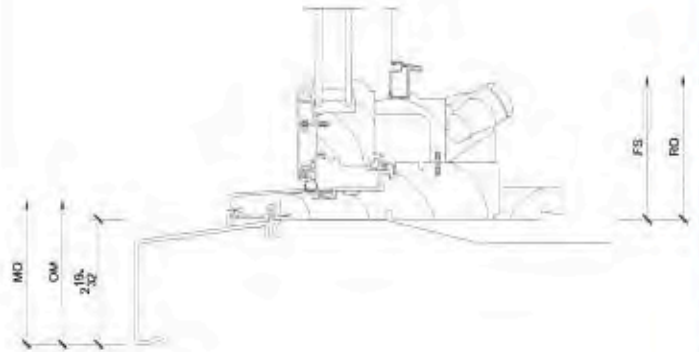
4
9

Vertical Mullion

SCALE: 3" = 1'-0"



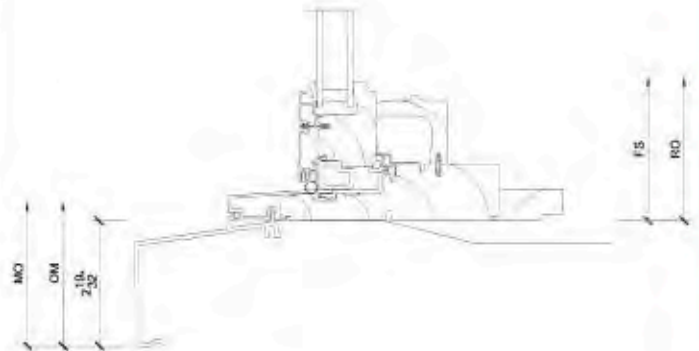
1
10 Vertical Mullion
SCALE: 3" = 1'-0"



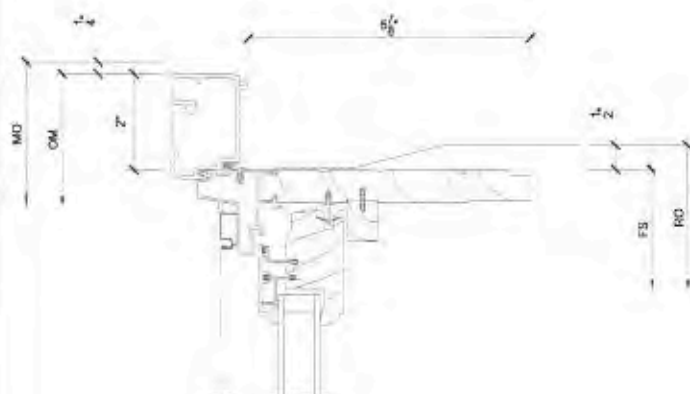
3
10 Sill
SCALE: 3" = 1'-0"



2
10 Jamb
SCALE: 3" = 1'-0"



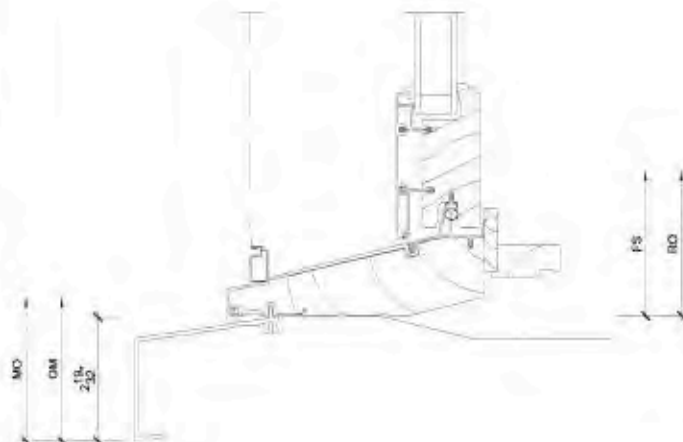
4
10 Sill
SCALE: 3" = 1'-0"



1
11

Head

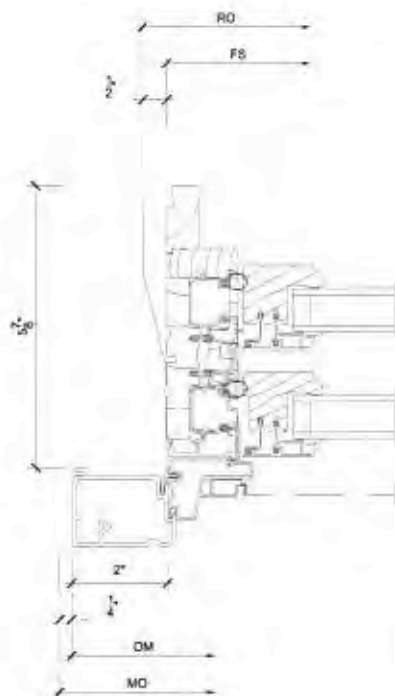
SCALE: 3" = 1'-0"



3
11

Sill

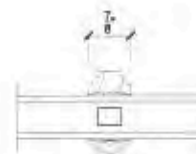
SCALE: 3" = 1'-0"



2
11

Jamb

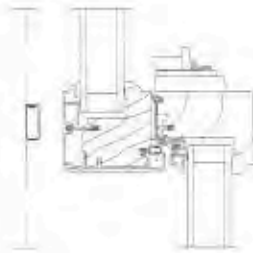
SCALE: 3" = 1'-0"



4
11

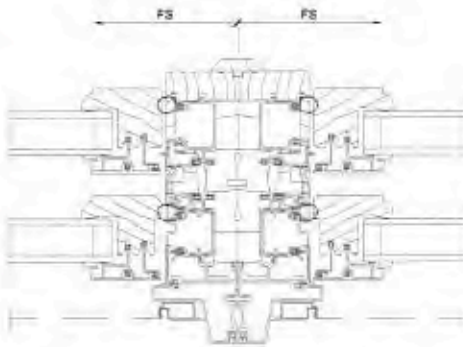
Divided Lite

SCALE: 3" = 1'-0"



1
12 **Checkrail**
SCALE: 3" = 1'-0"

3
12 **NOT USED**
SCALE: 3" = 1'-0"



2
12 **Vertical Mullion**
SCALE: 3" = 1'-0"

4
12 **NOT USED**
SCALE: 3" = 1'-0"

ECLIPSE²

DOUBLE HUNG

"The second generation of premium double hung windows"



REPLACEMENT



REMODELING



NEW CONSTRUCTION



TRIMLINE
WOOD WINDOWS



EC300 SHOWN IN BEIGE WITH OPTIONAL 3 1/4" WILLIAMSBURG BRICKMOULD, 1 1/4" HISTORIC SILL AND 1/2" SDL GRILLE.

EXTERIOR CLAD COLORS

WHITE



BEIGE



EARTHTONE



BRONZE



HUNTER GREEN



BLACK



Custom Colors Available

CLAD PRODUCTS

EC200 - Clad double hung with 3 1/4" replacement frame for sash pocket installations from the interior.

EC200PW - Use as stand alone picture window or companion picture window with matching sight lines for combination with EC200 units.

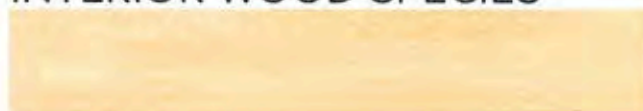
EC200TR - A transom window to be factory mulled with an EC200.

EC300 - Clad double hung with full 4 5/8" jamb for remodeling applications where a complete frame tear-out is required or for new construction with nail fin installation. And sash pocket installation from the exterior.

EC300PW - Use as stand alone picture window or companion picture window with matching sight lines for combinations with EC300 units.

EC300TR - A transom window to be factory mulled with an EC300.

INTERIOR WOOD SPECIES



PINE (STANDARD)



MAHOGANY



OAK



CHERRY

INTERIOR WOOD CAN BE FACTORY PRIMED, PREFINISHED WHITE, OR PREFINISHED A CUSTOM COLOR. INTERIOR CAN ALSO BE LEFT UNFINISHED FOR STAINING.



SCREEN STYLES

AVAILABLE IN FIBERGLASS, WIRE, or UltraVue®

EXTERIOR
FULL SCREEN

EXTERIOR FIXED
HALF SCREEN



EXTERIOR SLIDING
HALF SCREEN
Available on EC200 only



INTERIOR SLIDING
HALF SCREEN
Available on all products

SCREEN FRAME COLORS

WHITE

BEIGE

EARTHTONE

BRONZE

HUNTER GREEN

BLACK

GRILLES

FLAT IN-GLASS ALUMINUM

Maintenance-free $\frac{5}{8}$ " between the glass flat aluminum muntin in matching exterior cladding color. Also available in diamond lite patterns.



SCULPTURED IN-GLASS ALUMINUM

Maintenance-free $\frac{3}{4}$ " between the glass sculptured aluminum muntin in matching exterior cladding color.



WOOD REMOVABLE

Wooden removable interior grille available in $\frac{5}{8}$ " or $\frac{7}{8}$ "



REVERSE COMBO

Choose between either maintenance-free $\frac{5}{8}$ " flat or $\frac{7}{8}$ " sculpted in-glass grille with either an extruded aluminum, cPVC, wood, or wood exterior grille.



STANDARD GRILLE WIDTHS



$\frac{5}{8}$ "



$\frac{7}{8}$ "



1 $\frac{1}{4}$ "



1 $\frac{1}{2}$ "

COMBO WOOD-ALUMINUM

Wood interior grille available in removable or permanently applied $\frac{5}{8}$ " width which overlays a maintenance-free flat in-glass aluminum muntin in matching exterior cladding color.



SIMULATED DIVIDED LITE

An authentic "putty glaze" look is achieved with the simulated divided lite (SDL) grille package in either $\frac{5}{8}$ " or $\frac{7}{8}$ " widths. The standard SDL system included permanently applied exterior aluminum/wood/cPVC muntins with the choice of removable or permanently applied wooden interior grilles. Also available with optional in-glass bronze spacer bar as shown.



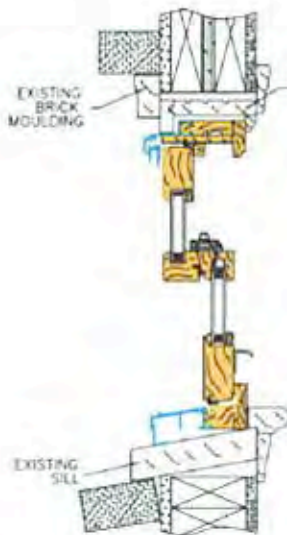
TRUE DIVIDED LITE

Divides sash into individual panes of glass.

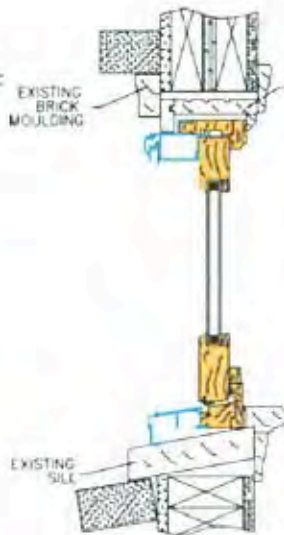


POCKET INSERT REPLACEMENT FRAME

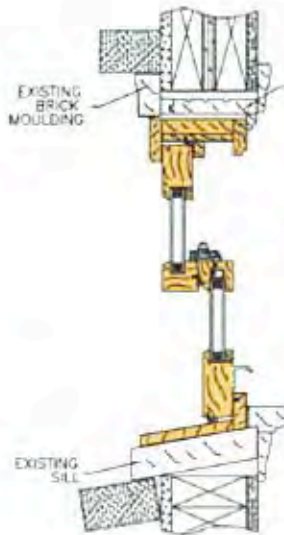
CLAD DOUBLE HUNG
(EC200)



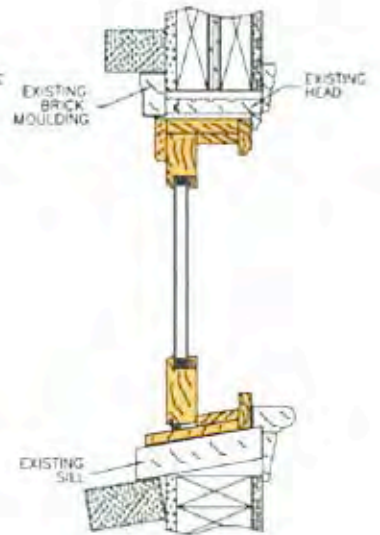
CLAD PICTURE
(EC200PW)



WOOD DOUBLE HUNG
(EW200)



WOOD PICTURE
(EPW200)



REMODELING OR NEW CONSTRUCTION FULL FRAME

CLAD DOUBLE HUNG
(EC300)



CLAD PICTURE
(EW300)

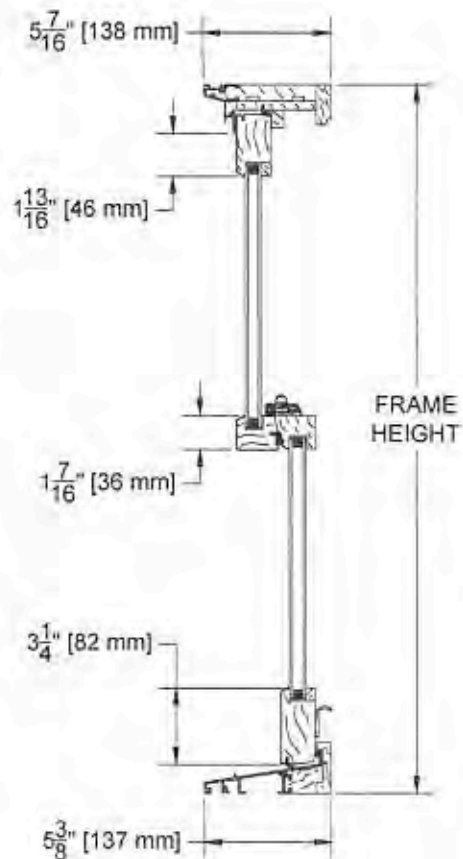
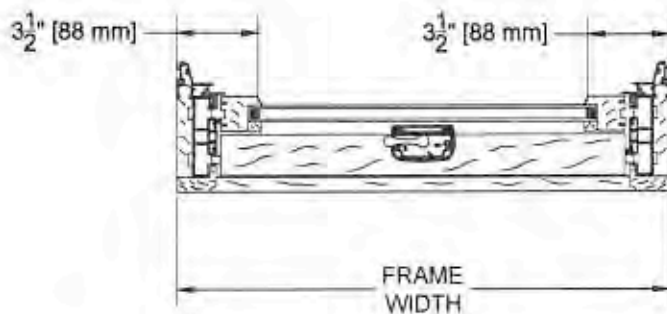


WOOD DOUBLE HUNG
(EW300)



WOOD PICTURE
(EPW300)





ECLIPSE SERIES
MODEL EC300
ALUMINUM CLAD WOOD
DOUBLE HUNG

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DESCRIPTION:

EC300

CUSTOMER:

SIZE: A

PROJECT:

DRAWN BY:

LZ

DATE:

6/4/18

DWG#

SERIES C4000 CASEMENT REMODELING

Why TrimLine Casement Windows?

- The timeless beauty and warmth of real wood interiors
- The worry – free durability of an aluminum clad exterior
- The energy efficiency of high performance Low E glass

TrimLine casement windows were designed and engineered with the energy wise discriminating consumer in mind. TrimLine's high performance Comfort Plus Low E insulating glass with Warm Edge Super Spacer and Argon gas is standard on all casement and awning windows. When combined with the superior insulating qualities of wood along with the tough maintenance-free durability of a clad exterior, TrimLine casement and awning windows truly offer you the best of all worlds.



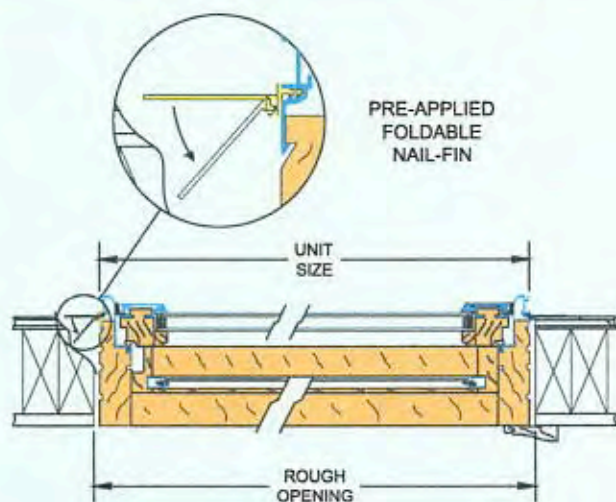
CP4000 twin Casement Picture Window shown in standard pine interior with $\frac{7}{8}$ " wide Simulated Divided Lite grilles.



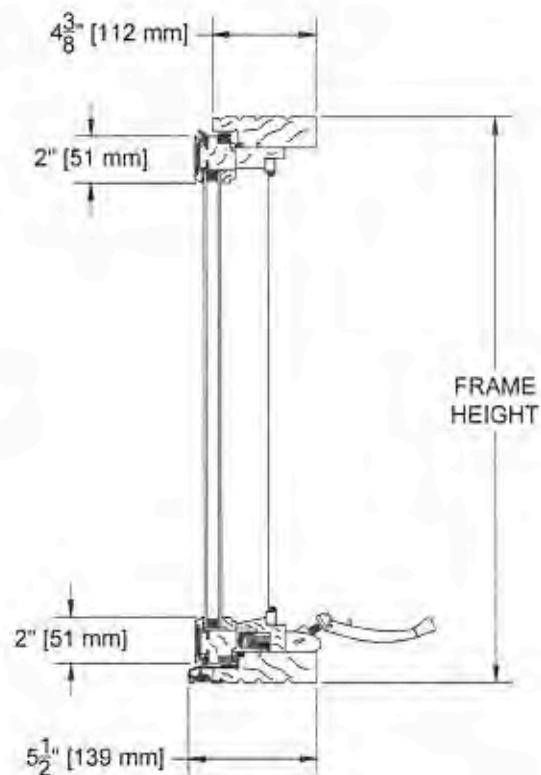
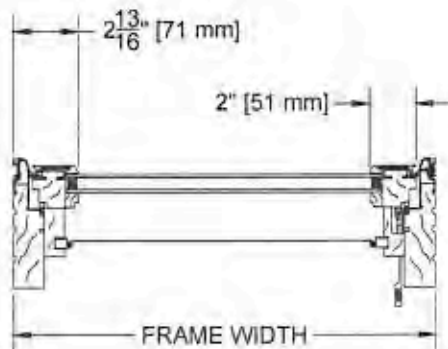
TrimLine Legends Series C4000 and AW4000 are ideal for those remodeling projects requiring complete removal of the old window frame. Order by manufacture size to the $\frac{1}{8}$ " in width and height with virtually any size jamb depth, the 4000 series is easily installed in any existing rough frame or masonry opening.



The C4000 is also furnished ready for installation with a standard full one piece $4\frac{1}{16}$ " jamb and applied folding nailing flange for new construction. Factory applied extension jambs available for other wall thicknesses. Shown above in earthtone clad finish.



Series C4000



LEGENDS SERIES
MODEL: C4000
ALUMINUM CLAD WOOD
CASEMENT

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TRIMLINE
WOOD WINDOWS

16 LOUISE DRIVE
 WYLAND, PENNSYLVANIA 18774

DESCRIPTION

C4000

CUSTOMER:

SIZE: A

PROJECT

DRAWN BY:

L.Z.

DATE:

2/1/19

DWG #