

CERTIFICATE OF APPROPRIATENESS APPLICATION FORM



PLANNING &
DEVELOPMENT
DEPARTMENT

PROPERTY

Address 835 Columbia St.
Historic District / Landmark Houston Heights South HCAD # 0202460000003
Subdivision Houston Heights Lot 2 and 3 Block 250

DESIGNATION TYPE

- Landmark
 Protected Landmark
 Archaeological Site
 Contributing
 Noncontributing
 Vacant

PROPOSED ACTION

- Alteration or Addition
 Restoration
 New Construction
 Relocation
 Demolition
 Excavation

DOCUMENTS

Application checklist for each proposed action and all applicable documentation listed within are attached

OWNER

Name Tomas & Rachel Perez
Company _____
Mailing Address 835 Columbia St.
Houston, TX, 77007
Phone 281-753-1241
Email [REDACTED]
Signature _____
Date _____

APPLICANT (if other than owner)

Name Alexander Ridgway
Company Brickmoon Design
Mailing Address 1438 Campbell Rd, Suite 202
Houston, TX, 77055
Phone 281-501-2712
Email [REDACTED]
Signature [Signature]
Date 2.2.16

ACKNOWLEDGEMENT OF RESPONSIBILITY

Requirements: A complete application includes all applicable information requested on checklists to provide a complete and accurate description of existing and proposed conditions. Preliminary review meeting or site visit with staff may be necessary to process the application. Owner contact information and signature is required. Late or incomplete applications will not be considered.

Deed Restrictions: You have verified that the work does not violate applicable deed restrictions.

Public Records: If attached materials are protected by copyright law, you grant the City of Houston, its officers, agencies, departments, and employees, non-exclusive rights to reproduce, distribute and publish copyrighted materials before the Houston Archaeological and Historical Commission, the Planning Commission, City Council, and other City of Houston commissions, agencies, and departments, on a City of Houston website, or other public forum for the purposes of application for a Certificate of Appropriateness or building permit, and other educational and not for profit purposes. You hereby represent that you possess the requisite permission or rights being conveyed here to the City.

Compliance: If granted, you agree to comply with all conditions of the COA. Revisions to approved work require staff review and may require a new application and HAHC approval. Failure to comply with the COA may result in project delays, fines or other penalties.

Planner: _____ Application received: ___/___/___ Application complete: ___/___/___

CERTIFICATE OF APPROPRIATENESS NEW CONSTRUCTION CHECKLIST



PLANNING &
DEVELOPMENT
DEPARTMENT

Well in advance of the COA application deadline contact staff to discuss your project and, if necessary, to make an appointment to meet with staff for a project consultation.

Complete all applicable sections and submit with the COA application form. Staff can assist you in determining what items are required for your scope of work. An incomplete application may cause delays in processing or may be deferred to the next agenda. Application materials must clearly represent current and proposed conditions. Refer to Houston Code of Ordinances, Ch. 33 VII, Sec. 33-242 for approval criteria for new construction in a historic district.

PROPERTY ADDRESS: 835 Columbia St.

NEW BUILDING TYPE

- single-family residence
- multi-family residence
- commercial building
- mixed use building
- institutional building
- garage
- carport
- accessory structure
- other

DRAWINGS

scale like drawings the same; include all dimensions and drawing scale; label with cardinal directions

- site plan
- floor plans
- window and door schedule
- roof plan
- elevations (all sides)
- perspective

WRITTEN DESCRIPTION

- describe new structure including square footage, levels, foundation, siding, windows, doors, roof and details
- materials description; attach specification sheets if necessary

PHOTOGRAPHS label photos with description and location

- site as seen from street, from front and corners, include neighboring properties



brickmoon
DESIGN

To: Houston Archaeological and Historical Commission

From: Brickmoon Design

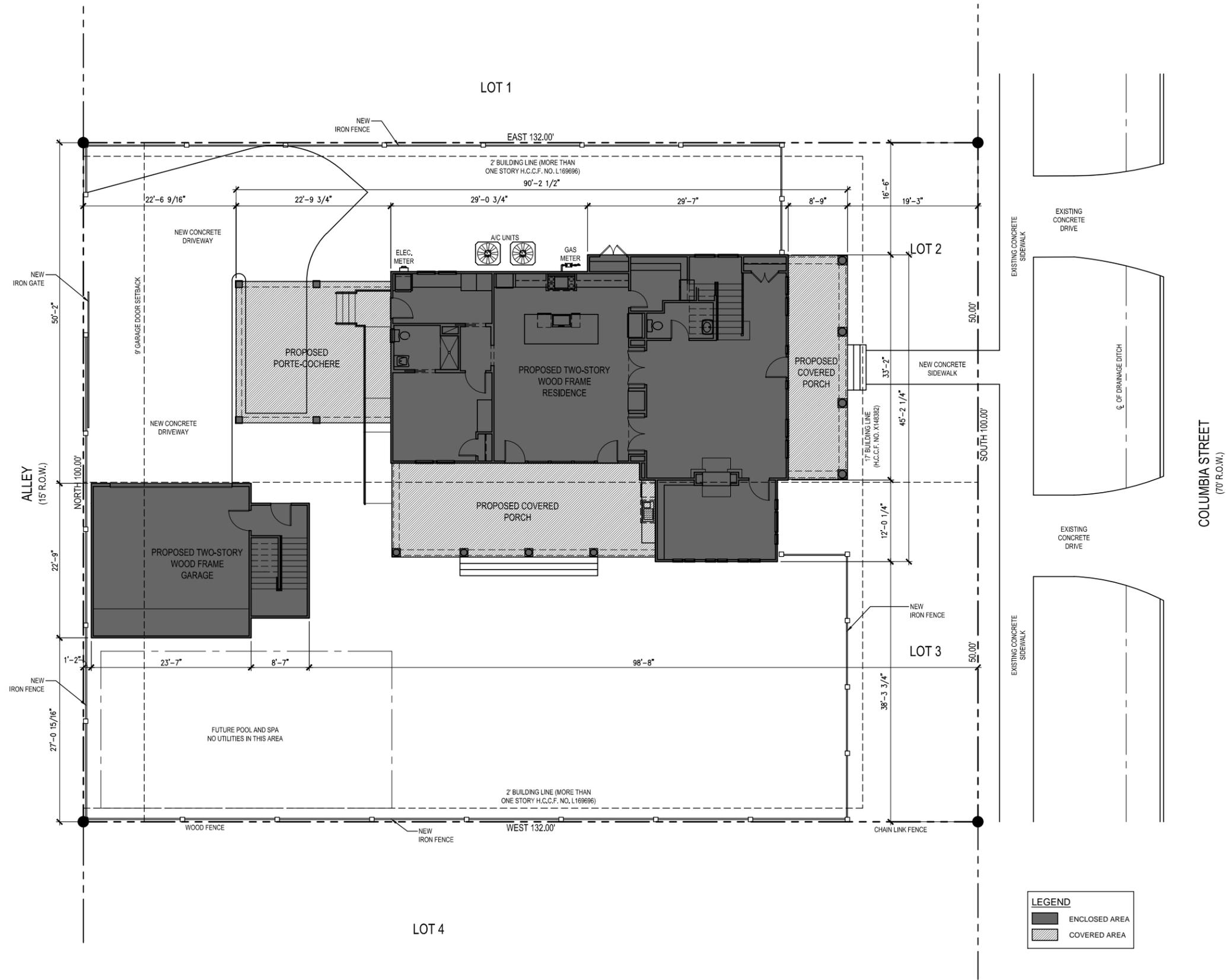
Date: February 3, 2016

Subject: COA Application – 835 Columbia Description

This project consists of constructing a new 2-story, 3,758 square foot residence with a new 2-story 1,219 square foot detached garage. The project is situated on a 13,200 square foot double lot. The existing, non-contributing residence is to be demolished.

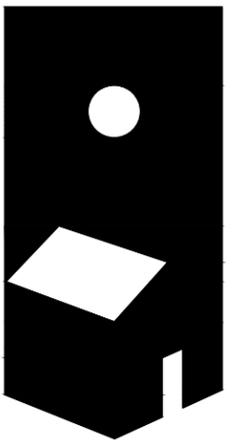
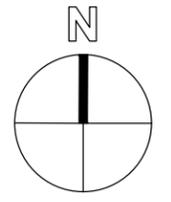
The new residence will be on a crawl space with a finish floor height of 2'-8" above surrounding grade. The ridge height of the residence will be 30'-6 3/8" with an eave height of 11'-10 3/4". The new detached garage will be on a concrete slab on grade foundation. The ridge height of the garage will be 26'-6 3/4" with an eave height of 14'-5 3/4".

Both the new residence and detached garage will be clad in James Hardie 8 1/4" Lap Siding with a 7" exposure, painted. The office portion of the new residence will be clad with wood and cement board panels and trim, painted. All new windows will be Jeld-Wen Sitrine Wood Casement and Jeld-Wen Sitrine Wood Double Hung. All will have a recessed profile. The residence and detached garage will have dimensional asphalt shingle roofing. The crawlspace of the residence will be ventilated using wood lattice panels.



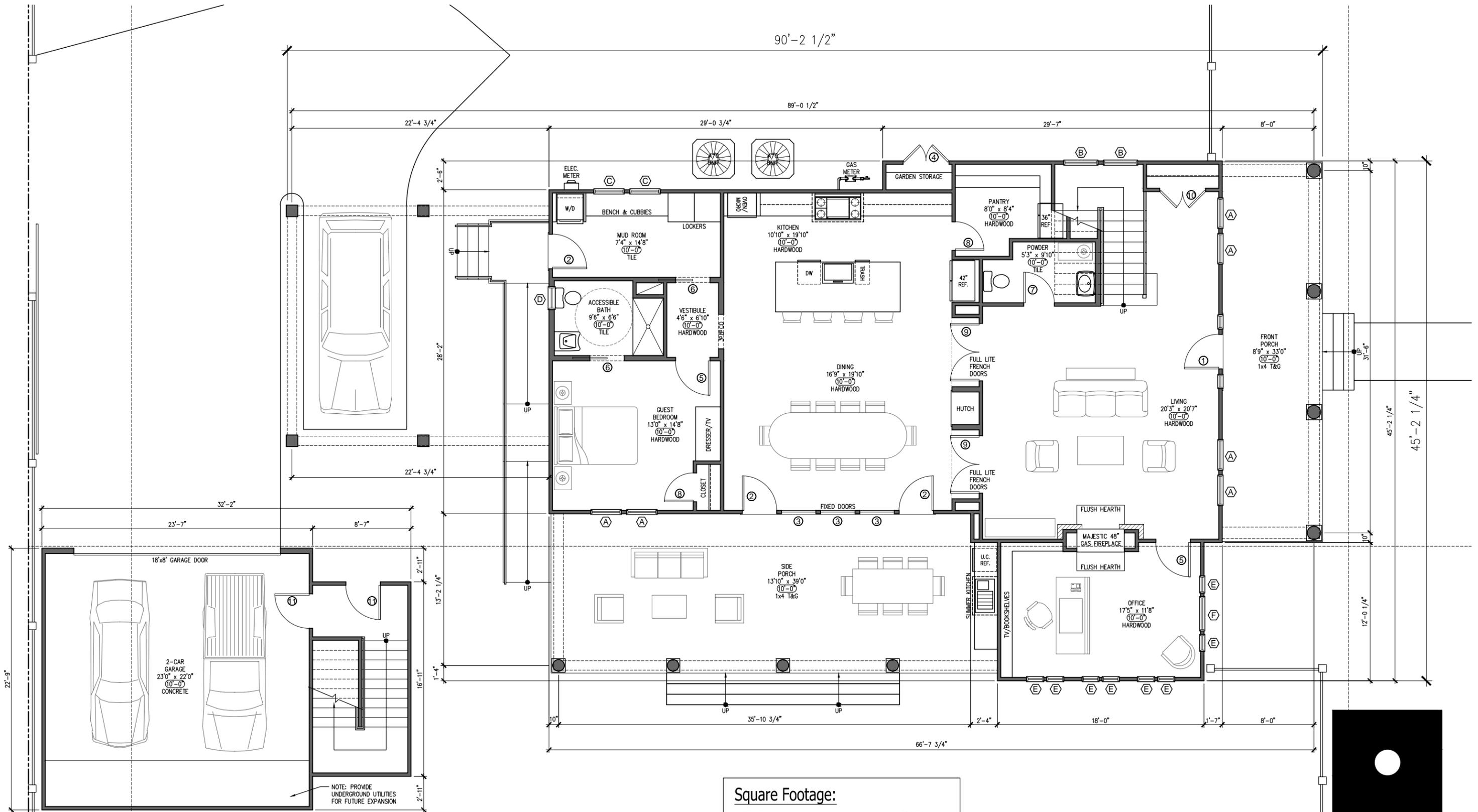
LEGEND

	ENCLOSED AREA
	COVERED AREA



PROPOSED SITE PLAN
SCALE: 1/16" - 1'-0"

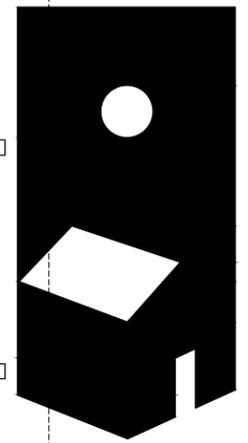
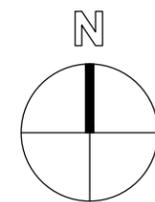
2.3.16
835 COLUMBIA
Paez Residence

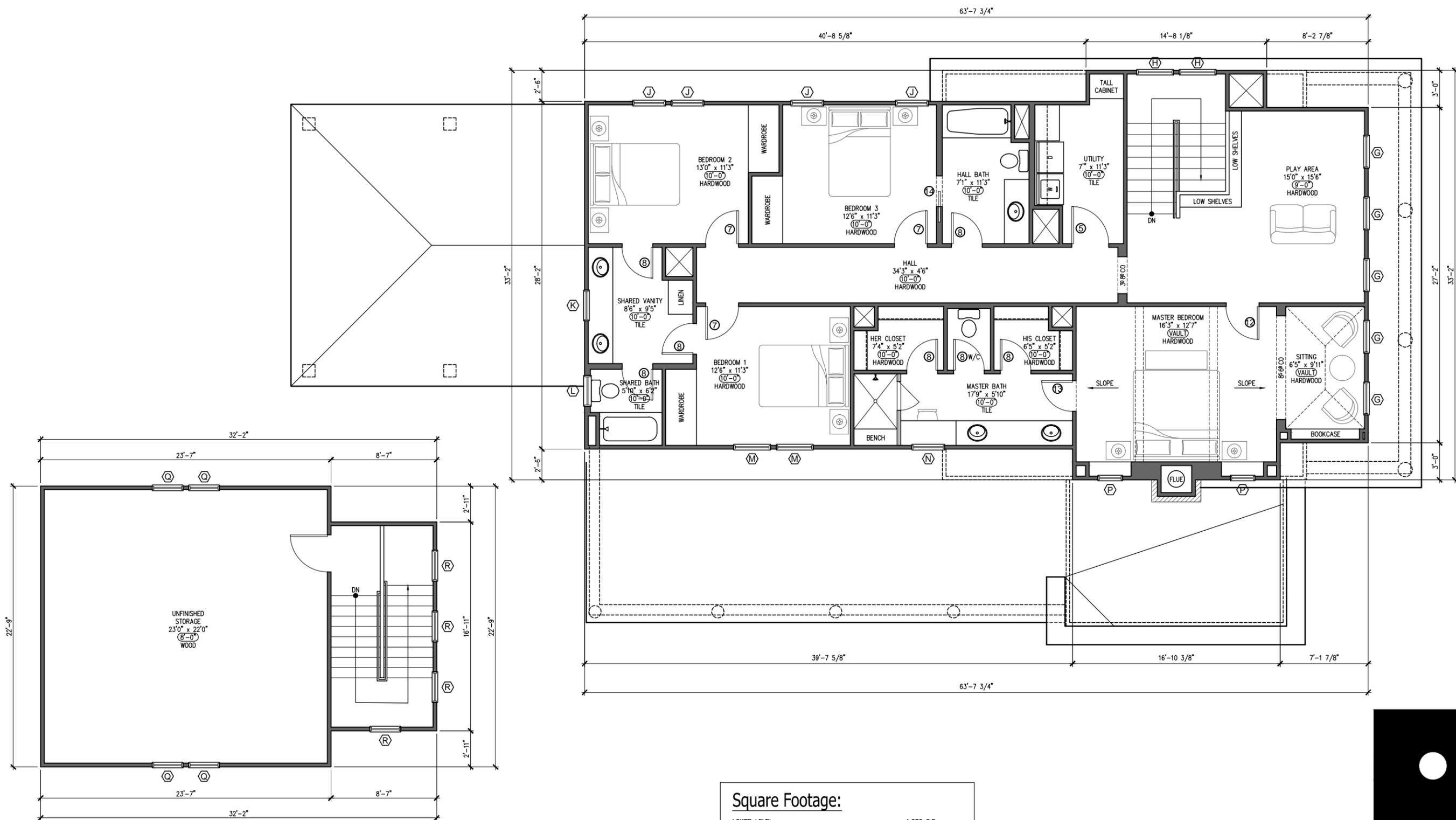


PROPOSED LOWER LEVEL FLOOR PLAN
 SCALE: 1/8" = 1'-0"

Square Footage:	
LOWER LEVEL	1,982 S.F.
UPPER LEVEL EST.	1,776 S.F.
TOTAL AC	3,758 S.F.
FRONT PORCH	289 S.F.
SIDE PORCH	533 S.F.
PORTE COCHERE	481 S.F.
TOTAL PORCHES	1,303 S.F.
2 CAR GARAGE	682 S.F.
UNFINISHED APARTMENT	537 S.F.
TOTAL COVERED	6,280 S.F.

2.3.16
835 COLUMBIA
 Paez Residence



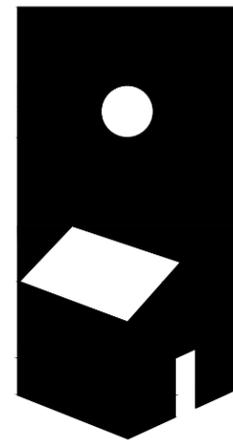
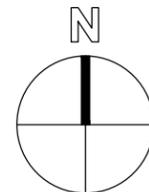


PROPOSED UPPER LEVEL FLOOR PLAN

SCALE: 1/8" = 1'-0"

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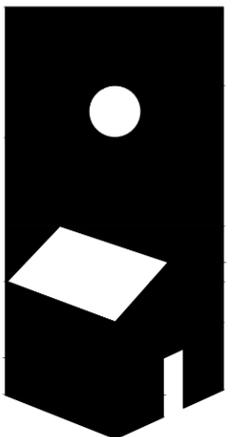
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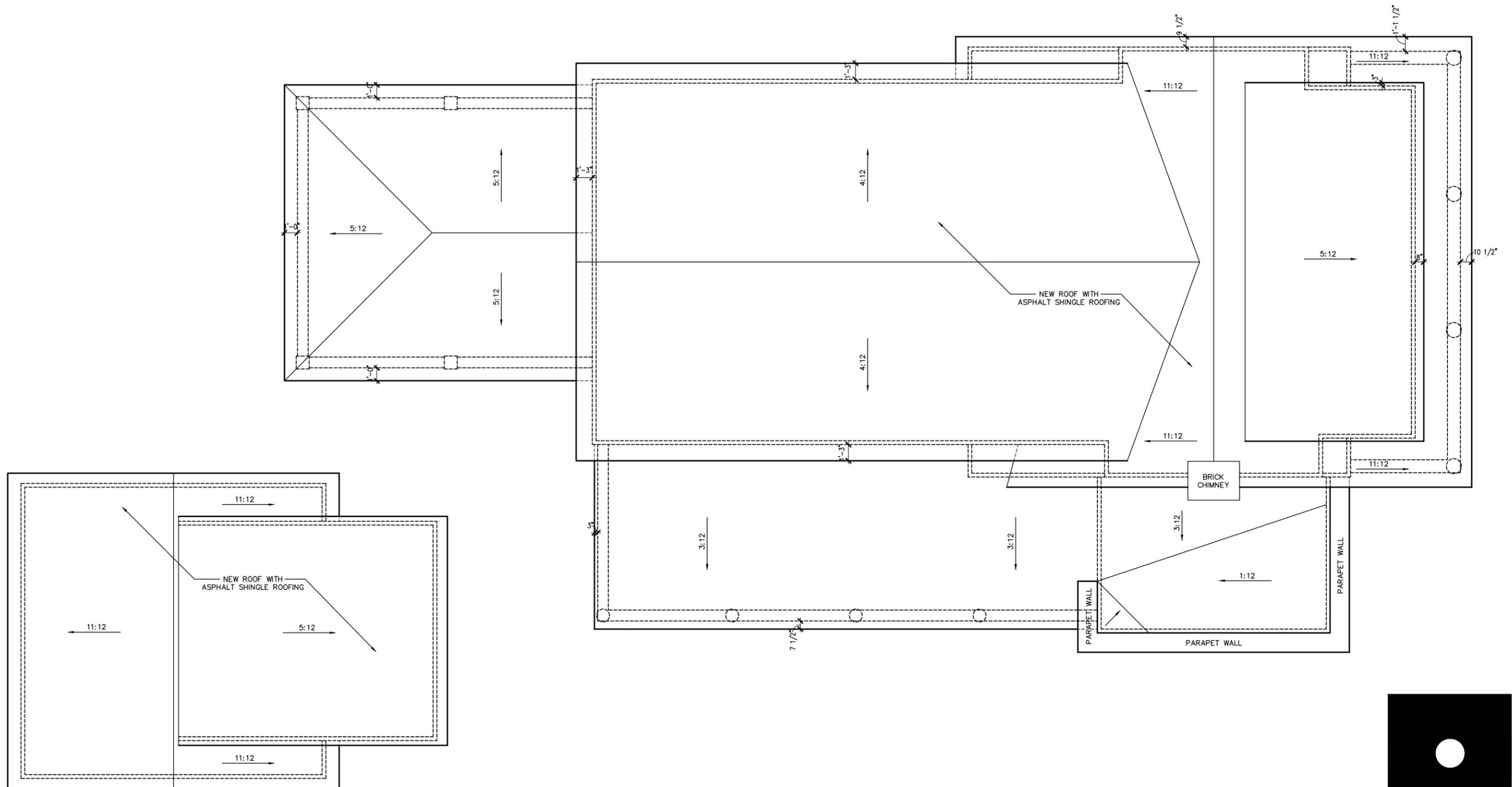


WINDOW SCHEDULE					
MARK	QTY	WIDTH	HEIGHT	TYPE	DESCRIPTION
Ⓐ	6	2'-8"	6'-0"	DOUBLE HUNG	LIVING, GUEST BEDROOM, 4/1, NEW WOOD WINDOW
Ⓑ	2	3'-0"	7'-0"	FIXED	STAIR LANDING, 8 LITE, NEW WOOD WINDOW
Ⓒ	2	2'-8"	5'-0"	CASEMENT	MUD ROOM, 6 LITE, NEW WOOD WINDOW
Ⓓ	1	2'-0"	3'-0"	CASEMENT	ACCESSIBLE BATH, 4 LITE, NEW WOOD WINDOW
Ⓔ	8	1'-6"	7'-0"	CASEMENT	OFFICE, 4 LITE, NEW WOOD WINDOW
Ⓕ	1	3'-0"	7'-0"	CASEMENT	OFFICE, 8 LITE, NEW WOOD WINDOW
Ⓖ	5	2'-8"	4'-4"	CASEMENT	MASTER SITTING, PLAY AREA, 6 LITE, NEW WOOD WINDOW
Ⓗ	2	3'-0"	2'-0"	FIXED	STAIR LANDING, 2 LITE, NEW WOOD WINDOW
Ⓙ	4	2'-8"	5'-6"	CASEMENT	BEDROOM 2, BEDROOM 3, 8 LITE, NEW WOOD WINDOW
Ⓚ	1	2'-6"	4'-0"	FIXED	SHARED VANITY, 4 LITE, NEW WOOD WINDOW
Ⓛ	1	2'-6"	4'-0"	CASEMENT	SHARED BATH, 2x6 WALL, 4 LITE, NEW WOOD WINDOW
Ⓜ	2	3'-0"	5'-6"	CASEMENT	BEDROOM 1, 8 LITE, NEW WOOD WINDOW
Ⓝ	1	2'-8"	4'-6"	CASEMENT	MASTER BATHROOM, 6 LITE, NEW WOOD WINDOW
Ⓟ	2	2'-0"	3'-0"	FIXED	MASTER BEDROOM, 4 LITE, NEW WOOD WINDOW
Ⓠ	4	2'-6"	4'-6"	CASEMENT	UNFINISHED STORAGE, 6 LITE, NEW WOOD WINDOW
Ⓡ	4	2'-6"	4'-6"	FIXED	GARAGE STAIR, 6 LITE, NEW WOOD WINDOW
DOOR SCHEDULE					
MARK	QTY	WIDTH	HEIGHT	TYPE	DESCRIPTION
①	1	3'-0"	8'-0"	EXTERIOR	FRONT DOOR W/ 15" SIDE LIGHTS EACH SIDE
②	3	3'-0"	8'-0"	EXTERIOR	DINING, MUD ROOM
③	3	3'-0"	8'-0"	EXTERIOR	DINING, FIXED DOOR UNITS
④	1	(2)2'-0"	6'-8"	EXTERIOR	GARDEN STORAGE
⑤	3	3'-0"	8'-0"	INTERIOR	GUEST BEDROOM, OFFICE, UTILITY
⑥	2	3'-0"	8'-0"	POCKET DOOR	ACCESSIBLE BATH, MUD ROOM
⑦	4	2'-8"	8'-0"	INTERIOR	POWDER ROOM, BEDROOM 1, BEDROOM 2, BEDROOM 3
⑧	9	2'-6"	8'-0"	INTERIOR	GUEST BED CLOS., PANTRY, HALL BATH, MASTER BATH, SHARED BATH
⑨	2	(2)2'-6"	8'-0"	INTERIOR	LIVING ROOM, FULL-LITE FRENCH DOORS
⑩	1	(2)2'-0"	8'-0"	INTERIOR	ENTRY, DOUBLE DOOR
⑪	2	3'-0"	8'-0"	EXTERIOR	GARAGE
⑫	1	2'-8"	6'-8"	INTERIOR	MASTER BEDROOM
⑬	1	2'-6"	6'-8"	INTERIOR	MASTER BATHROOM
⑭	1	2'-6"	8'-0"	POCKET DOOR	HALL BATH

WINDOW AND DOOR SCHEDULE
SCALE: NTS

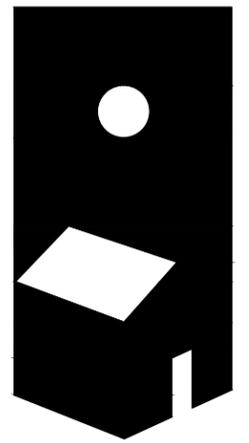
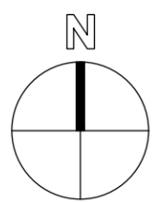
2.3.16
835 COLUMBIA
Paez Residence

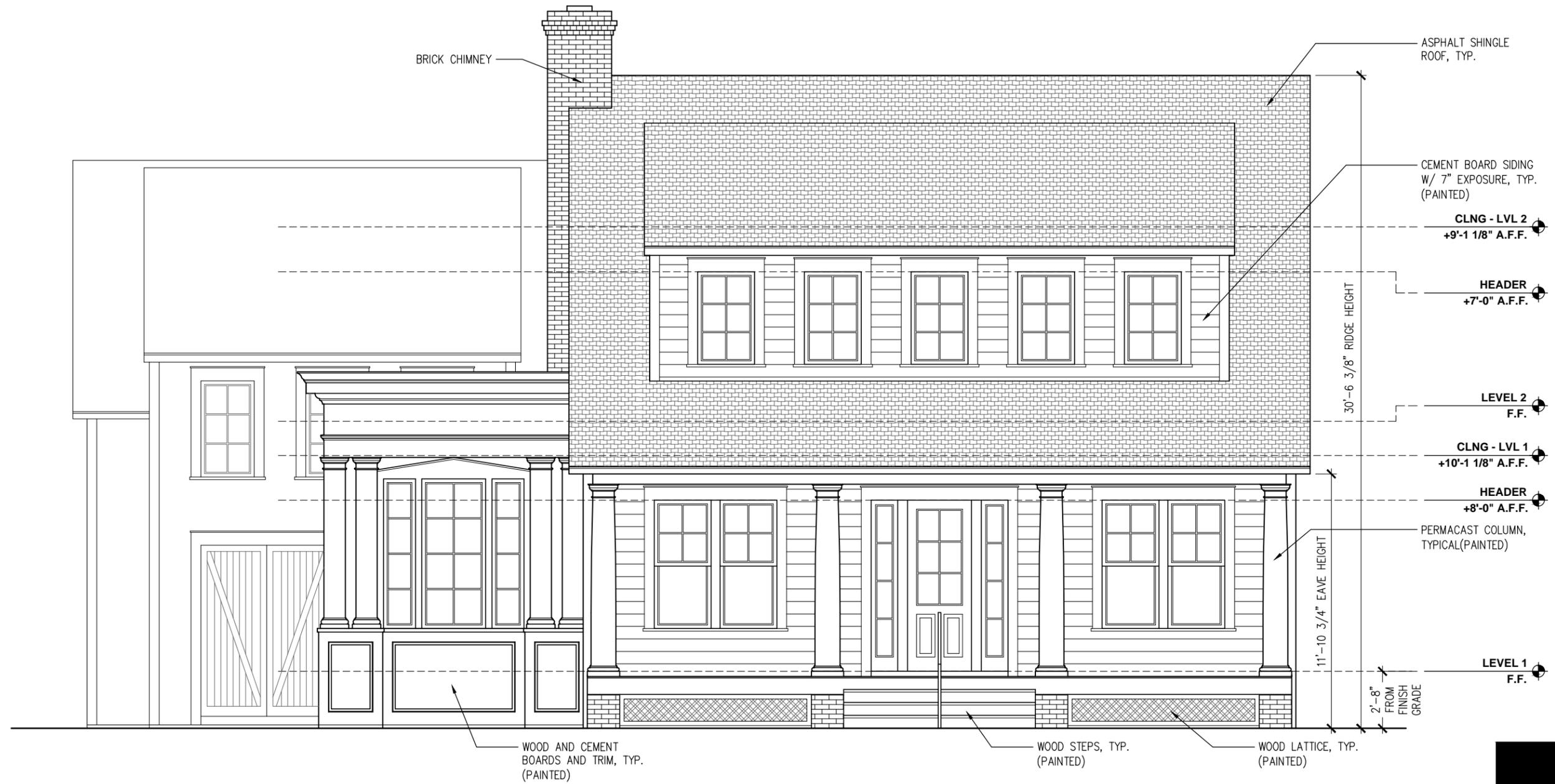




PROPOSED ROOF PLAN
 SCALE: 1/8" - 1'-0"

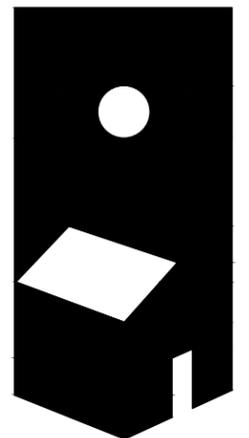
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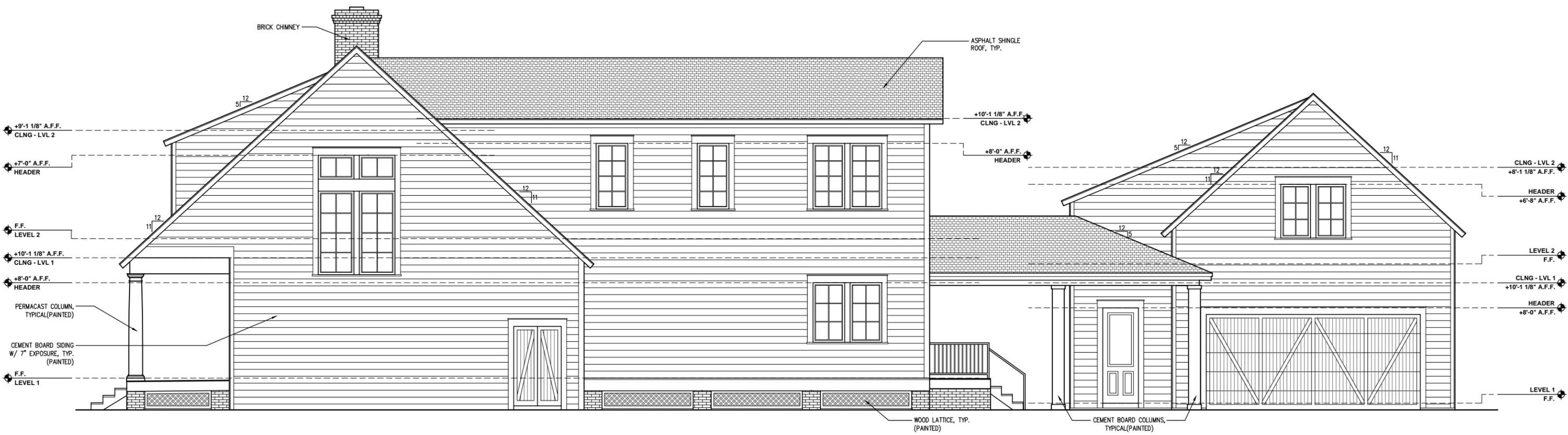




PROPOSED EAST ELEVATION
 SCALE: 3/16" = 1'-0"

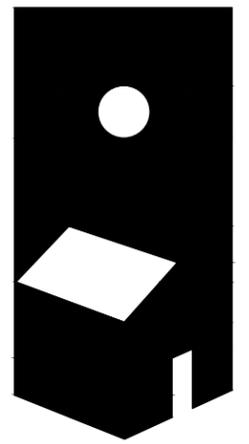
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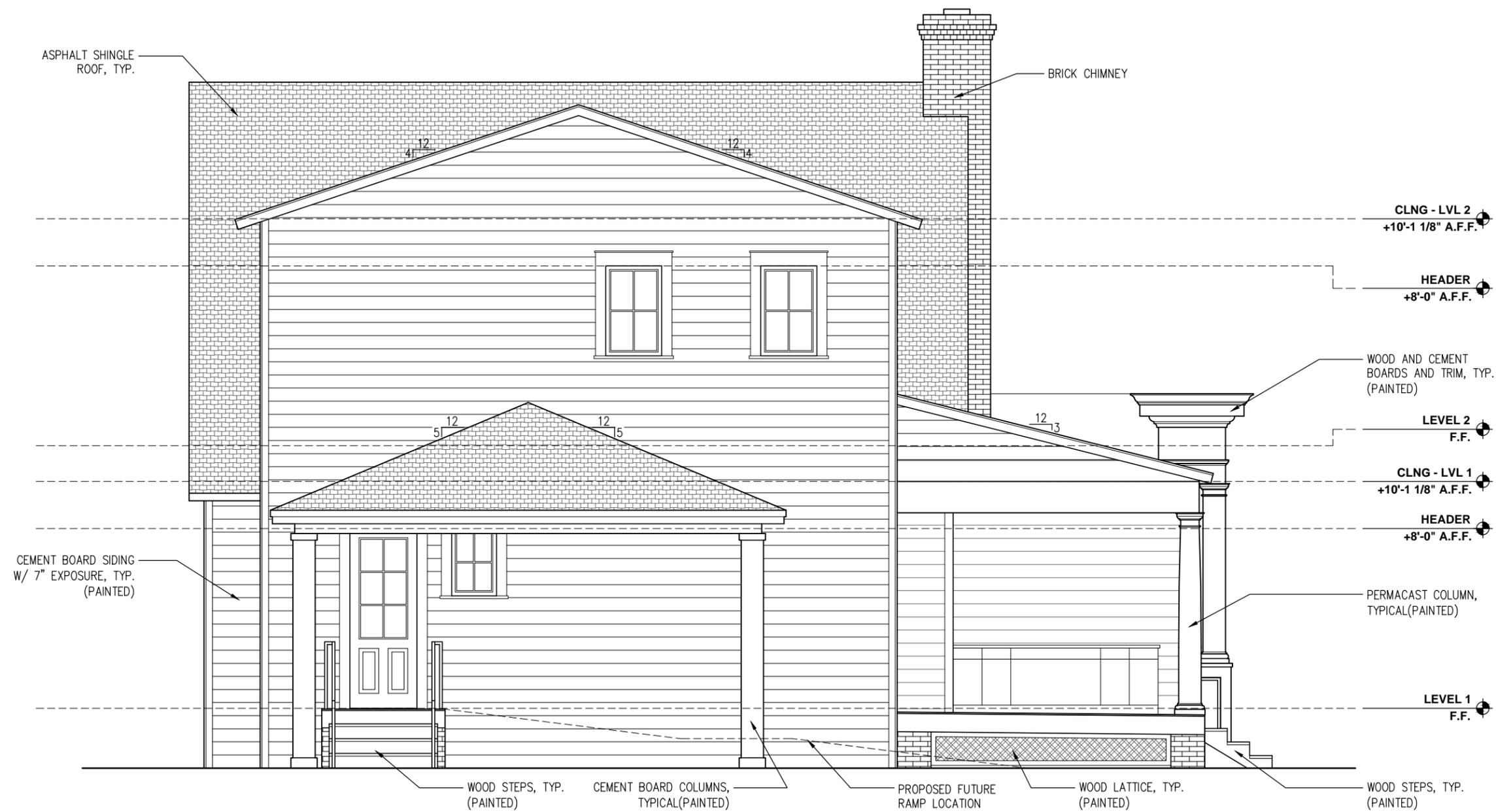




PROPOSED NORTH ELEVATION
 SCALE: 1/8" = 1'-0"

2.3.16
835 COLUMBIA
 Paez Residence

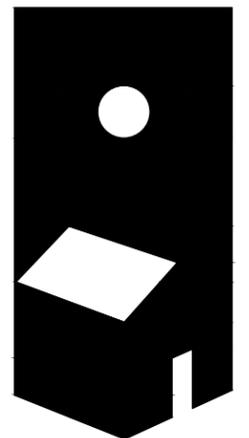




PROPOSED WEST ELEVATION

SCALE: 3/16" = 1'-0"

2.3.16
835 COLUMBIA
Paez Residence

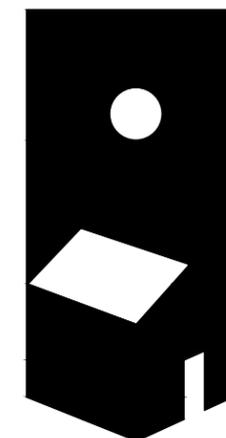


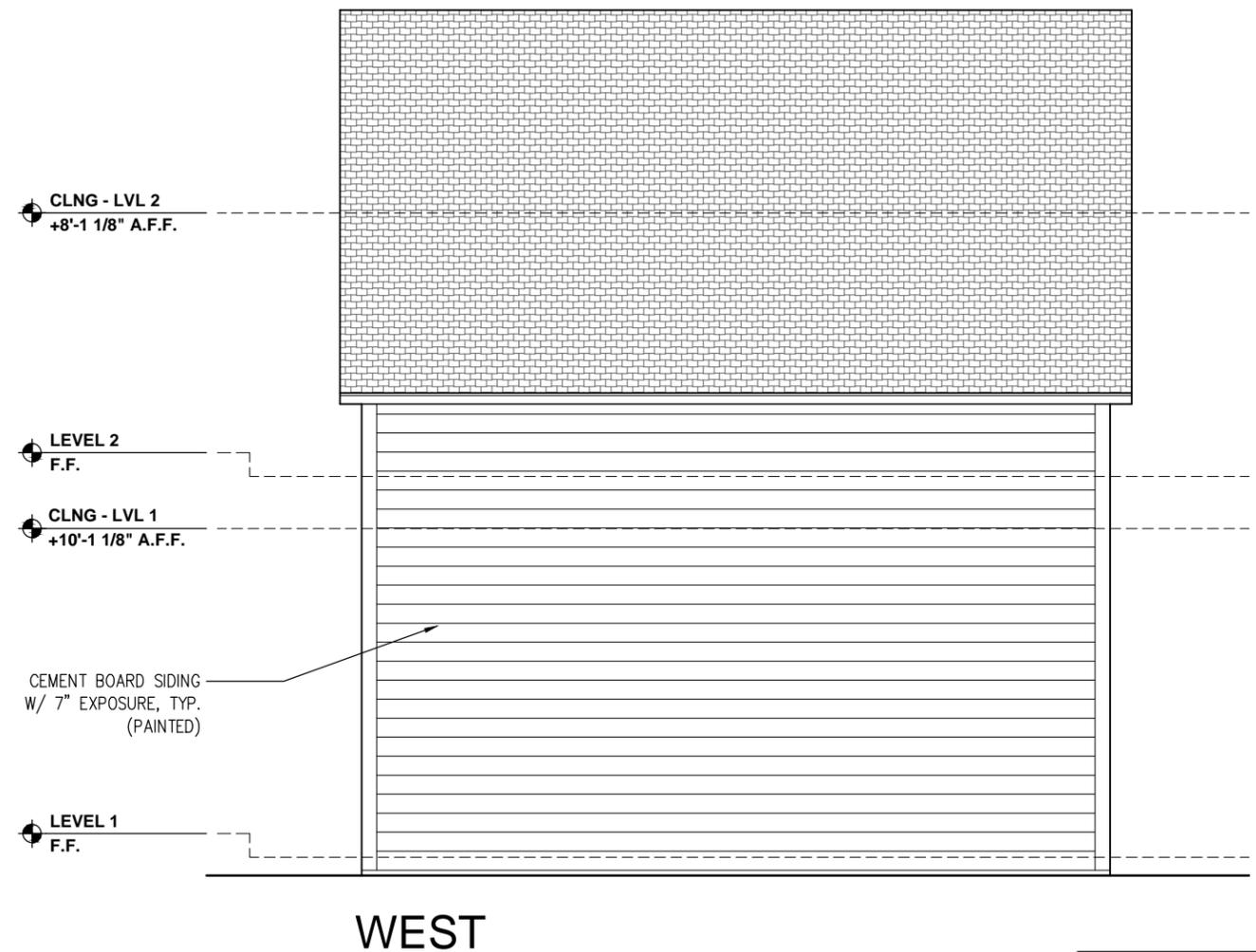
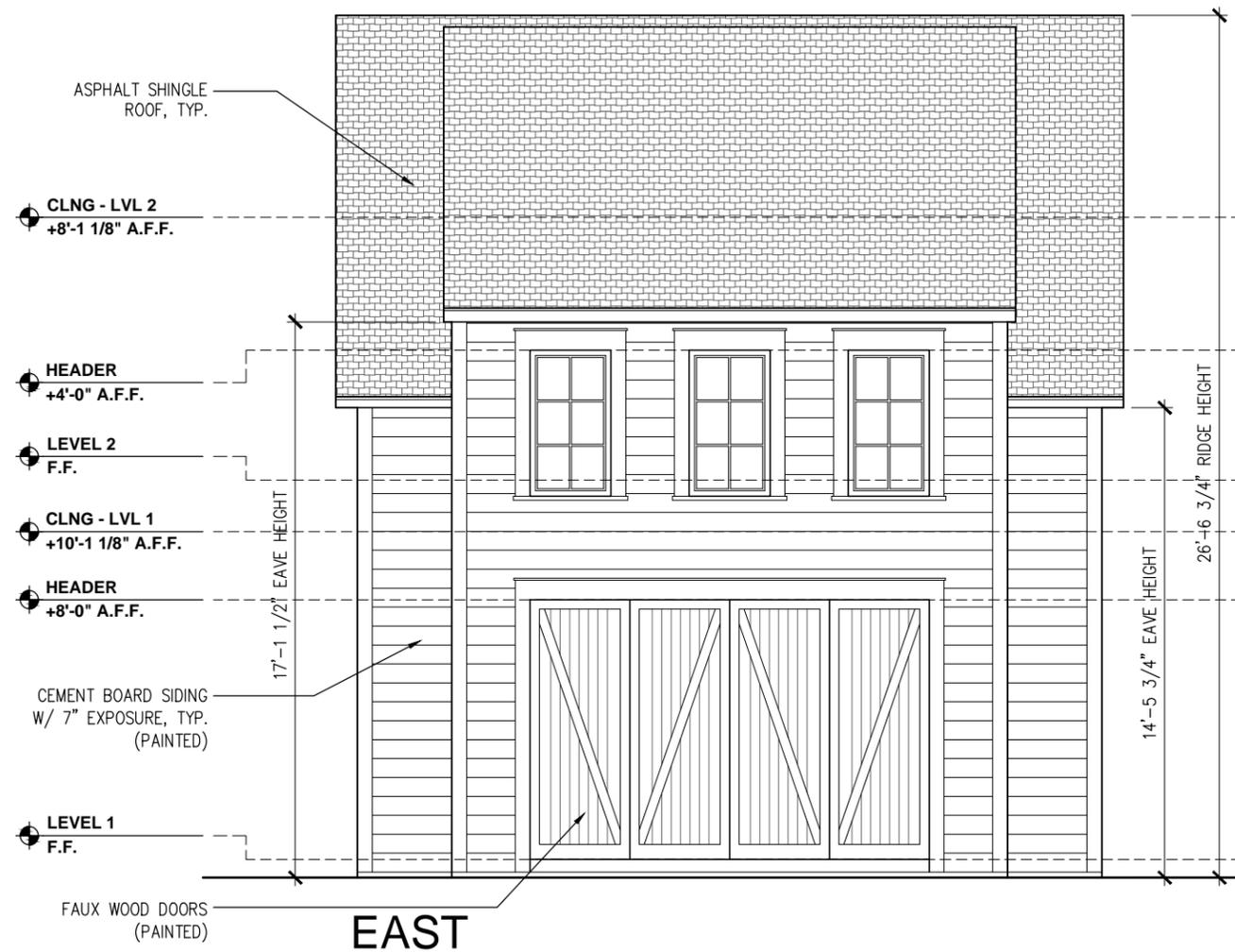


PROPOSED SOUTH ELEVATION

SCALE: 1/8" = 1'-0"

2.3.16
835 COLUMBIA
Paez Residence

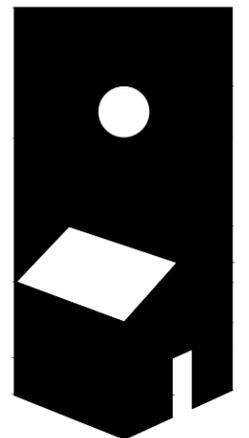




PROPOSED EAST & WEST ELEVATIONS - GARAGE

SCALE: 3/16" = 1'-0"

2.3.16
835 COLUMBIA
Paez Residence

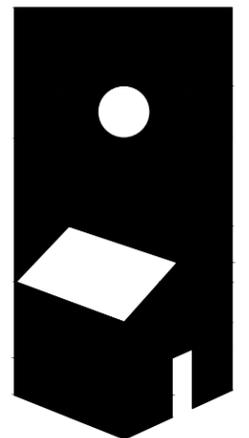


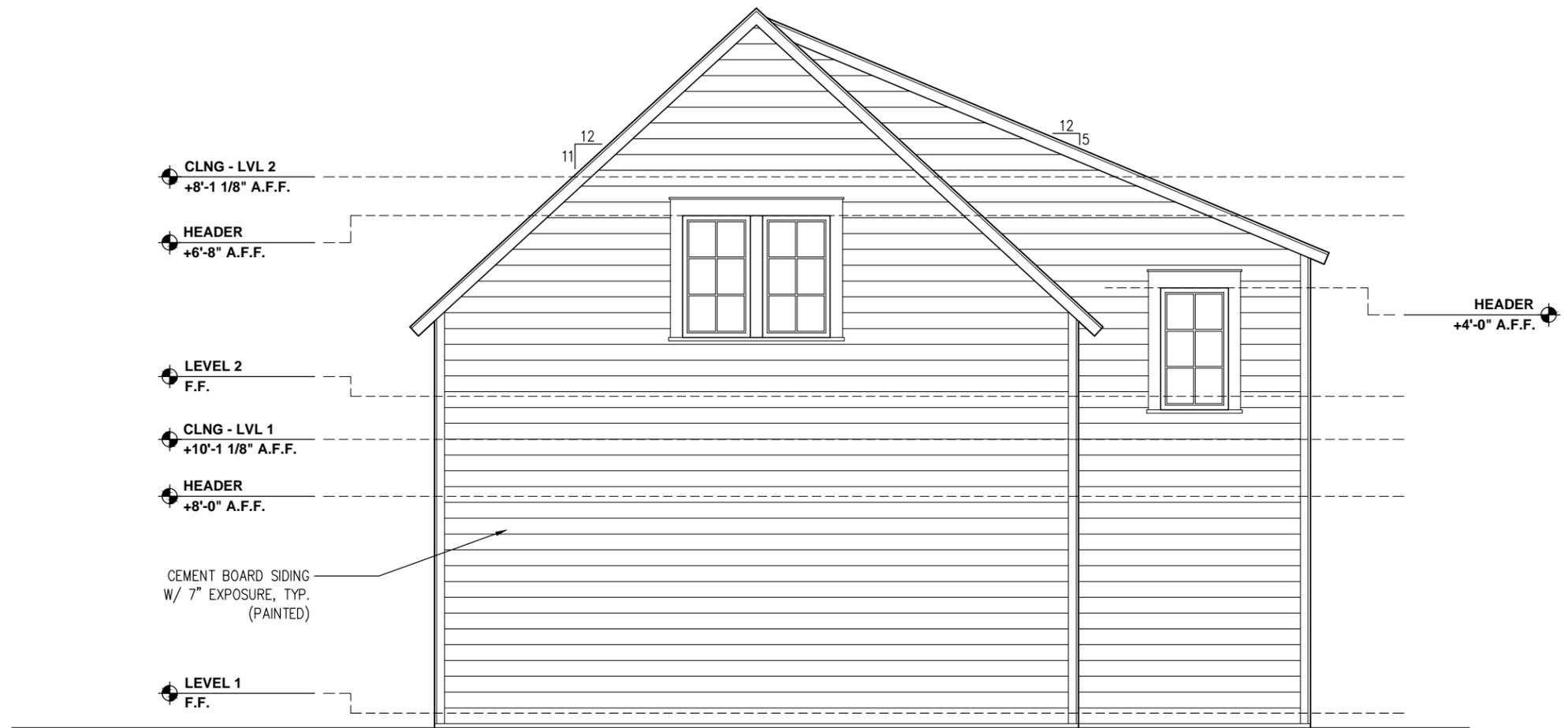


PROPOSED NORTH ELEVATION - GARAGE

SCALE: 3/16" = 1'-0"

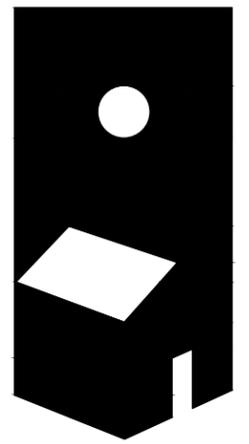
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PROPOSED SOUTH ELEVATION - GARAGE
 SCALE: 3/16" = 1'-0"

2.3.16
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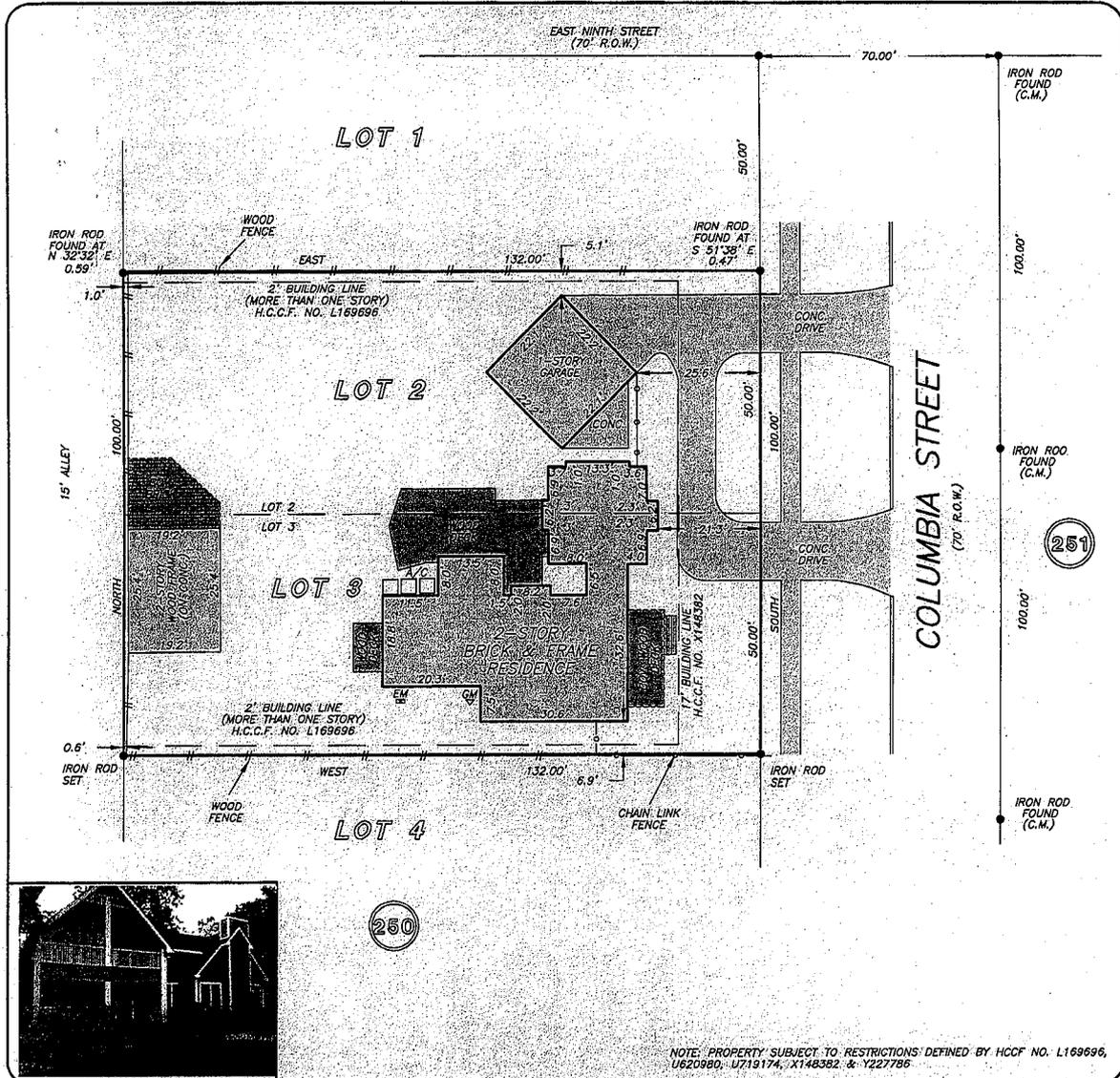


GF NO. 2624003792 COMMONWEALTH LAND TITLE
 ADDRESS: 805 COLUMBIA STREET
 HOUSTON, TEXAS 77007
 BORROWER: TOMAS PAEZ AND
 IRACHEL PAEZ

LOTS 2 AND 3, BLOCK 250 HOUSTON HEIGHTS

ACCORDING TO THE MAP OR PLAT THEREOF RECORDED
 IN VOLUME 1-A, PAGE 114 OF THE MAP RECORDS
 OF HARRIS COUNTY, TEXAS

SCALE: 1" = 30'



NOTE: PROPERTY SUBJECT TO RESTRICTIONS DEFINED BY HCCF NO. L169696, U620960, U719174, X143382, & Y227786

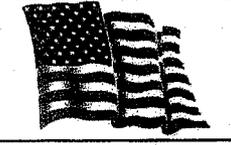
THIS PROPERTY DOES NOT LIE WITHIN THE 100 YEAR FLOOD PLAIN AS PER FIRM PANEL NO. 48201C 0670 L MAP REVISION: 06-18-2007 ZONE X BASED ONLY ON VISUAL EXAMINATION OF MAPS. INACCURACIES OF FEMA MAPS PREVENT EXACT DETERMINATION WITHOUT DETAILED FIELD STUDY

A SUBSURFACE INVESTIGATION WAS BEYOND THE SCOPE OF THIS SURVEY

RECORD BEARING: VOL. 1-A, PG. 114 H.C.M.R. DRAWN BY: VT

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE ON THE GROUND, THAT THIS PLAT CORRECTLY REPRESENTS THE FACTS FOUND AT THE TIME OF SURVEY AND THAT THERE ARE NO ENCROACHMENTS APPARENT ON THE GROUND, EXCEPT AS SHOWN HEREON. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY AND ABSTRACTING PROVIDED IN THE ABOVE REFERENCED TITLE COMMITMENT WAS RELIED UPON IN PREPARATION OF THIS SURVEY.

TERRANCE MISH
 PROFESSIONAL LAND SURVEYOR
 NO. 4981
 JOB NO. 09-07887
 JULY 17, 2009



Commonwealth
 LAND TITLE INSURANCE COMPANY

BRIAN MULLEE
 713-522-5700



PRECISION SURVEYORS, INC.

1-800-LANDSURVEY 281-496-1586
 1-800-526-3787 FAX 281-496-1867
 14825 MEMORIAL DRIVE SUITE B100 HOUSTON, TEXAS 77079



Home » Windows » Siteline Wood » Casement » Siteline Wood Casement Window

SITELINE WOOD CASEMENT WINDOW

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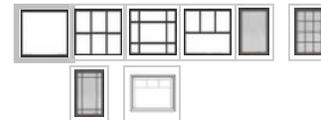
Options

Price Range: \$\$

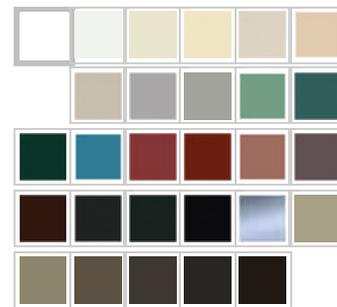
Model
Exterior



Grille Designs
No Grille



Color Options
Brilliant White



Product Overview

Design Options

Glass Options

Build & Installation

Tech Documents

Built from AuraLast® Wood (Pine) - The Wood That Does Not Rot. Other species include Alder and Douglas Fir. Other options include 22 clad colors, grilles, and ENERGY STAR®.

FEATURES

- **Custom Capabilities:** size, shape, glass, grille design
- **Exterior Clad Color Options:** 9 standard colors, 13 optional colors and 7 anodized clad exterior colors
- **Exterior Wood Options:** Natural or Primed AuraLast Pine
- **Interior Wood Species:** natural or primed AuraLast pine, douglas fir, alder
- **Interior Finishes:** 9 standard wood interior finishes
- **Trim Options:** exterior clad and wood trim profiles, interior wood trim profiles
- **Glass Options:** Low-E 366 and Neat standard with energy efficient, protective, textured, tinted options available
- **Hardware Options:** 9 window hardware finishes options - as well as optional factory installed Window Opening Control Device (WOCD)
- **Maintenance Level:** moderate
- **Project Type:** new construction and replacement
- **ENERGY STAR® Certified Options:** yes
- **Sustainable Solutions:** AuraLast® Wood (pine) is standard. Two wood-source certification options are available on AuraLast® Wood:

HAVE A QUESTION?

Our customer service team is happy to assist you



CONTACT US

Sustainable Forestry Initiative® (SFI) or Forest Stewardship Council™ (FSC®).

- **Warranty:** 20 year general warranty & lifetime limited warranty against rot and termites

SIZING

Elevations - Siteline - Clad Awning - Standard Sizing
Elevations - Siteline - Clad Casement - Standard Sizing
Elevations - Siteline - Clad DH - Standard Sizing
Elevations - Siteline - Clad Direct Set - Standard Sizing
Elevations - Siteline - Clad InSwing Patio Door - ADM
Elevations - Siteline - Clad OutSwing Patio Door - Standard Sizing
Elevations - Siteline - Clad Sliding Patio Door - Standard Sizing
Elevations - Siteline - Wood Awning - Standard Sizing
Elevations - Siteline - Wood Casement - Standard Sizing
Elevations - Siteline - Wood Double Hung - Standard Sizing
Elevations - Siteline - Wood InSwing Patio Door - Standard Sizing
Elevations - Siteline - Wood OutSwing Patio Door - Standard Sizing
Elevations - Siteline - Wood Sliding Patio Door - Standard Sizing
Elevations / Sections - Siteline - Clad Awning - ADM
Elevations / Sections - Siteline - Clad Casement - ADM
Elevations / Sections - Siteline - Clad Direct Set - ADM
Elevations / Sections - Siteline - Clad Direct Set - Standard Sizing
Elevations / Sections - Siteline - Clad Double Hung - ADM
Elevations / Sections - Siteline - Wood Awning - ADM
Elevations / Sections - Siteline - Wood Casement - ADM
Elevations / Sections - Siteline - Wood Double Hung - ADM

More Technical Documents

[BACK TO TOP](#)



Home » Windows » Siteline Wood » Double-Hung » Siteline Wood Double-Hung Window

SITELINE WOOD DOUBLE-HUNG WINDOW

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Options

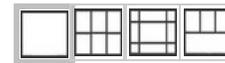
Model
Exterior



Price Range: \$\$

Grille Designs

No Grille



Color Options

Brilliant White



[Product Overview](#)

[Design Options](#)

[Glass Options](#)

[Build & Installation](#)

[Tech Documents](#)

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Elevations - Siteline - Wood Double Hung - Standard Sizing
Elevations - Siteline - Wood InSwing Patio Door - Standard Sizing
Elevations - Siteline - Wood OutSwing Patio Door - Standard Sizing
Elevations - Siteline - Wood Sliding Patio Door - Standard Sizing
Elevations / Sections - Siteline - Clad Awning - ADM
Elevations / Sections - Siteline - Clad Casement - ADM
Elevations / Sections - Siteline - Clad Direct Set - ADM
Elevations / Sections - Siteline - Clad Direct Set - Standard Sizing
Elevations / Sections - Siteline - Clad Double Hung - ADM
Elevations / Sections - Siteline - Wood Awning - ADM
Elevations / Sections - Siteline - Wood Casement - ADM
Elevations / Sections - Siteline - Wood Double Hung - ADM

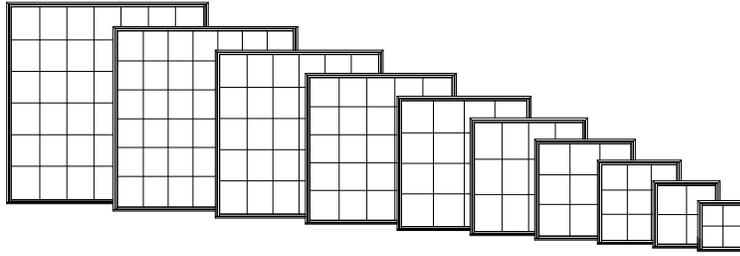
More Technical Documents

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GENERAL INFORMATION



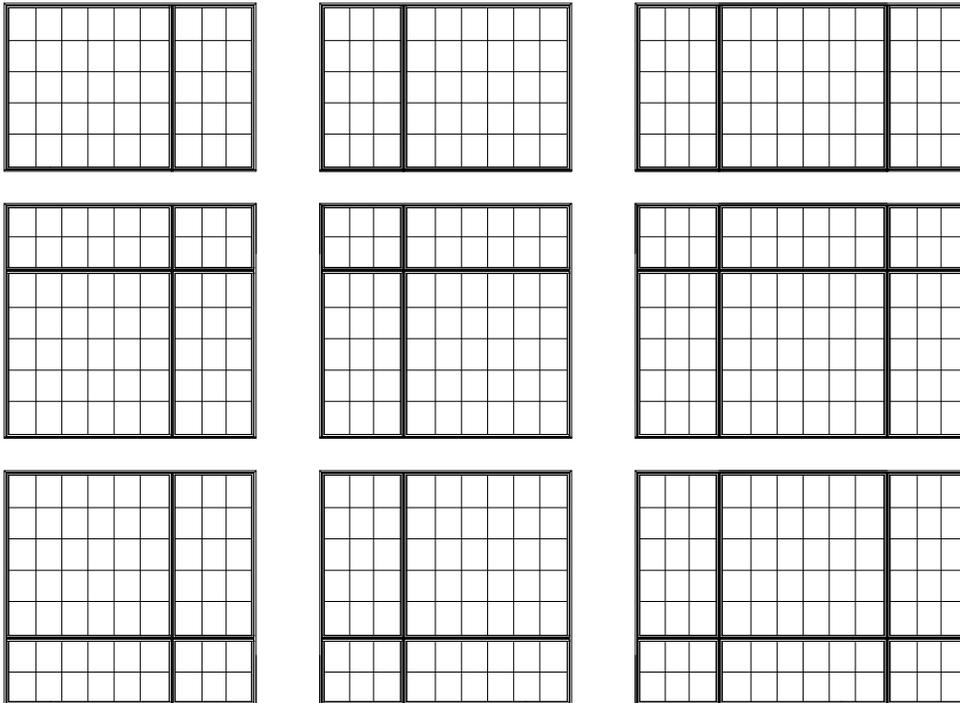
DIMENSIONAL WINDOWS

Wood casement windows may be specified as "dimensional", by adjusting the desired rough opening width or height.

Wood casement windows are available with left or right hand operation, or stationary (non-venting). Operating mechanism includes corrosion resistant steel hinges and dual arm roto-type operator with hardened steel gears and operating arms. Sash locks are concealed unison type with an exposed locking lever and escutcheon plate. There are several interior hardware finish options. Refer to the Specifications for finish options.

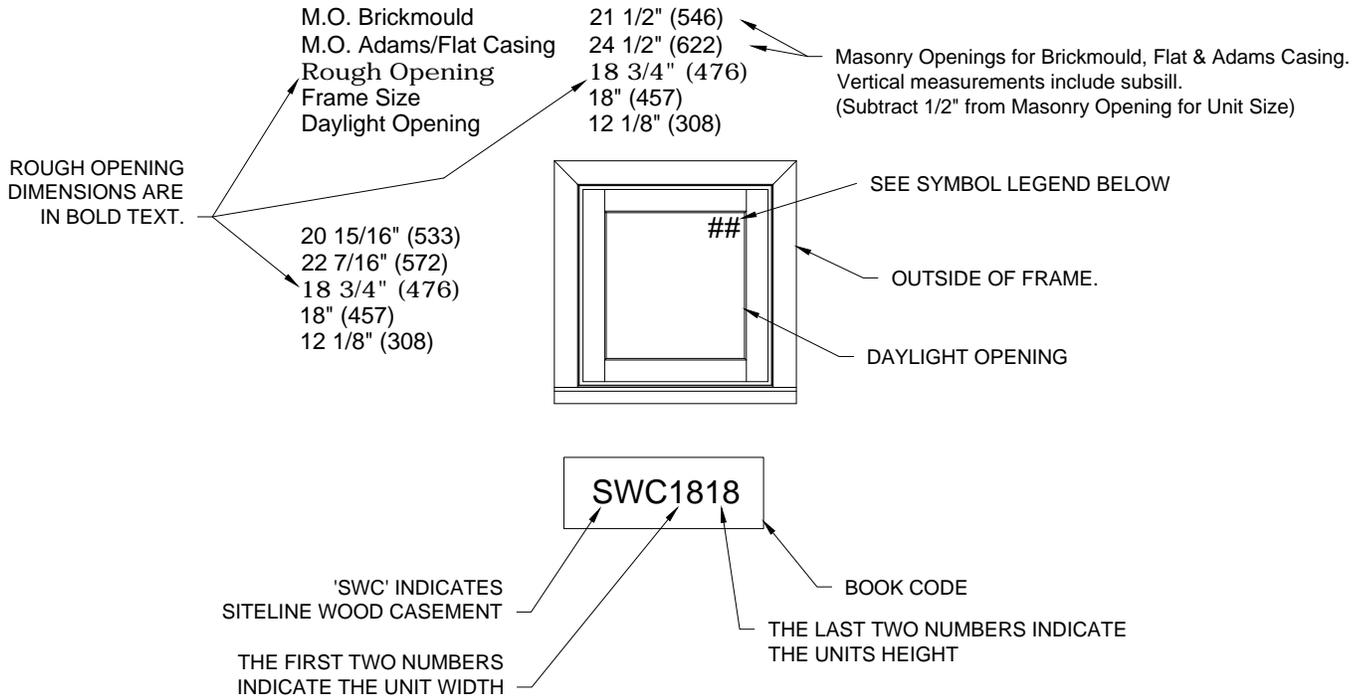
MULTIPLE ASSEMBLIES

Wood casement windows may be mullied above, below, or beside other wood casement windows, or other wood window products.



ELEVATION NOTES

ELEVATION DRAWINGS UTILIZE A LIMITED NUMBER OF PROJECTED LINES TO PRODUCE A RUDIMENTARY DRAWING INTENDED TO BE USED IN A SMALL GRAPHICAL SCALE. ELEVATIONS ARE VIEWED PERPENDICULAR FROM THE EXTERIOR OF THE STRUCTURE. IF MORE DIMENSIONS ARE NEEDED, USE THE SECTION DRAWINGS FOR MORE COMPLETE DEPICTIONS.



GENERAL CASEMENT NOTES

1. WOOD CASEMENT (SWC) UNITS ARE AVAILABLE AS OPERATING OR FIXED UNITS.
2. 'SWCP' IN A BOOK CODE DENOTES THE UNIT IS A WOOD CASEMENT PICTURE (FIXED) UNIT.
3. UNIT ELEVATIONS ARE SHOWN WITH BRICKMOULD AND SUBSILL.
4. OPERATING UNITS ARE AVAILABLE AS LEFT OR RIGHT HAND OPERATION.
5. DIMENSIONAL VALUES IN BRACKETS ARE MILLIMETER CONVERSIONS.
6. ALL GLASS SIZES ARE NOMINAL.

ELEVATION SYMBOL LEGEND:

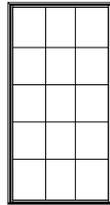
- E BASIC UNIT CLEAR OPENING EXCEEDS 20" IN WIDTH, 24" IN HEIGHT & A MINIMUM OF 5.7 SQ. FT., FOR SECOND FLOOR AND ABOVE EGRESS
- E1 BASIC UNIT CLEAR OPENING EXCEEDS 20" IN WIDTH, 24" IN HEIGHT & A MINIMUM OF 5.0 SQ. FT., FOR FIRST FLOOR EGRESS
- ## NUMBER INDICATES PERFORMANCE GRADE (PG) RATING WITH STANDARD GLAZING
- S STATIONARY UNITS ONLY

LITE CUT INFORMATION

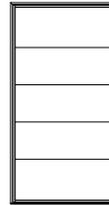
Wood casement windows are available with removable grilles in 7/8", 1-1/8" and 1-3/8" widths, Airspace (between the panes) grilles, and Simulated Divided Lites. Standard lite cuts are rectangular, and conform to the layouts noted in the charts on the next page. To use the chart, refer to the appropriate table by the type of window and type of bars or grilles the section drawings illustrate. Then simply cross reference the frame Height and Width to determine the standard lite cut.

LITE CUT OPTIONS

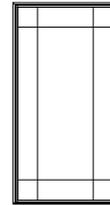
Special lite cut patterns can include a wide variety of straight line and radius patterns. The illustrations shown here represent just a few of the possibilities. Rectangular, horizontal, vertical and Prairie lite patterns are available in all standard size wood casement windows. Uneven, diamond, radius and Gothic lite cuts are available, subject to approval. Approvals are based on the ability to fulfill the design requirement while maintaining the construction integrity of the finished product.



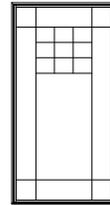
RECTANGULAR



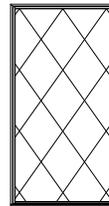
HORIZONTAL



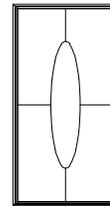
PRAIRIE



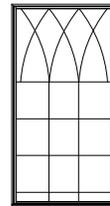
UNEVEN



DIAMOND



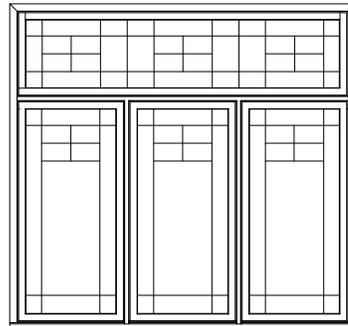
RADIUS



GOthic

BAR ALIGNMENT

Alignment of divided lite muntin bars from one window to the next is often required by fine architectural design. Wood grilles, Grilles between the glass, and Simulated Divided Lites may be specified with muntin bars aligned.



**UNIT SIZING, ROUGH OPENINGS &
MASONRY OPENINGS**

GENERAL NOTES:

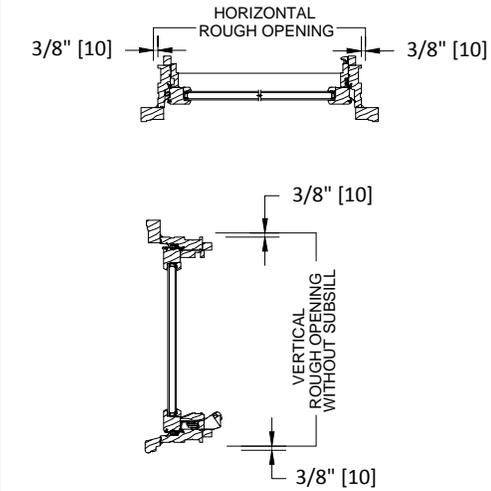
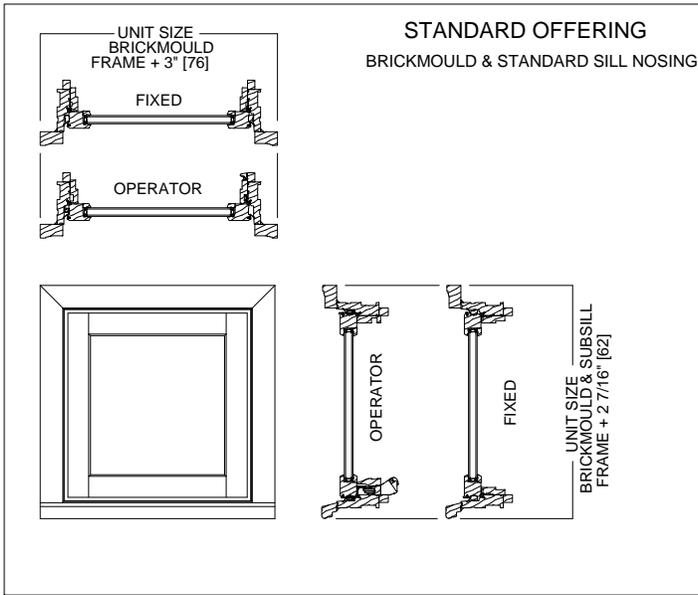
UNIT SIZE IS ALWAYS THE
EXTREME SIZE OF THE WINDOW
WITH OR WITHOUT TRIM AND
DOES NOT INCLUDE NAIL FIN

MASONRY OPENING:

MASONRY OPENING IS ALWAYS 1/2" OVER (HEIGHT AND WIDTH)
THE UNIT SIZE OR THE OUTSIDE EDGE OF THE TRIM
OF THE WINDOW

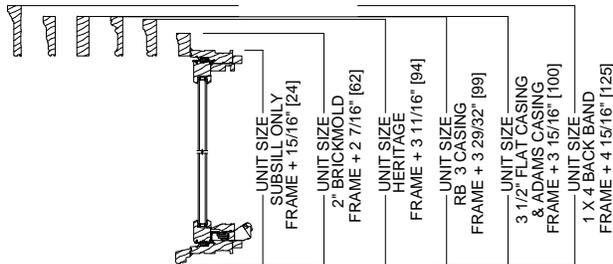
ROUGH OPENING:

ROUGH OPENING IS ALWAYS 3/4" OVER
FRAME SIZE OF THE WINDOW

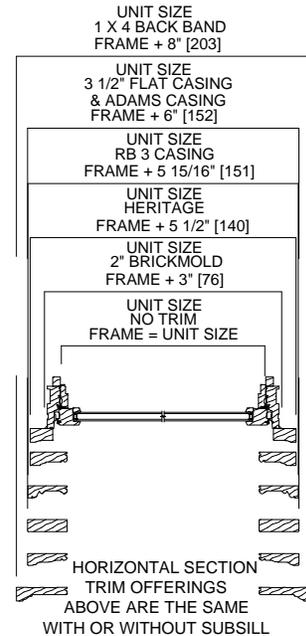
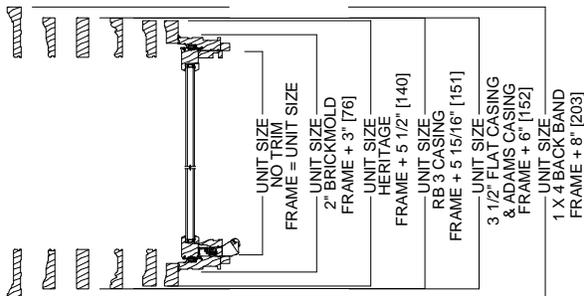


NON-STANDARD UNIT SIZING

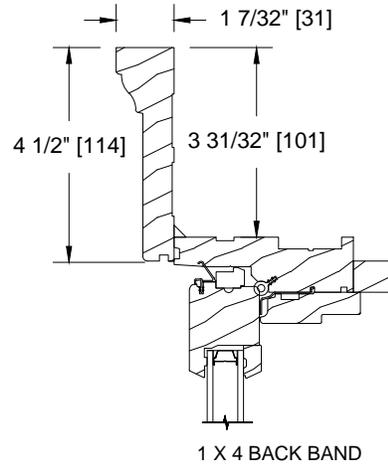
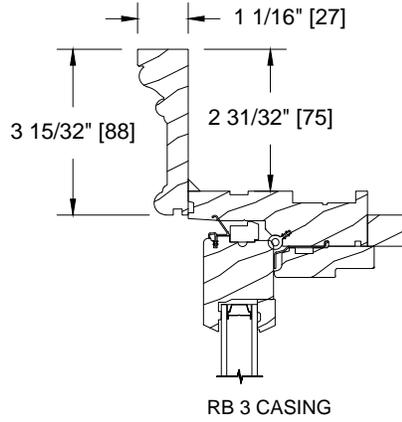
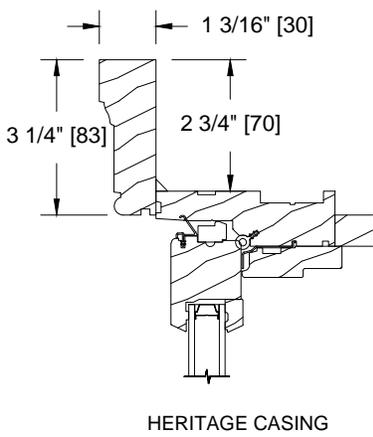
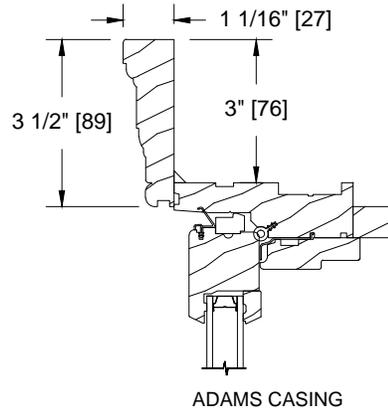
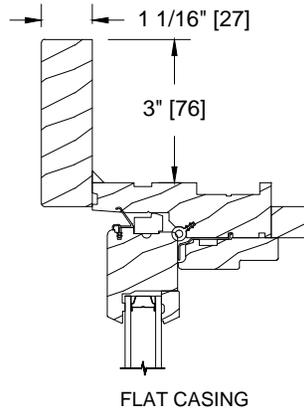
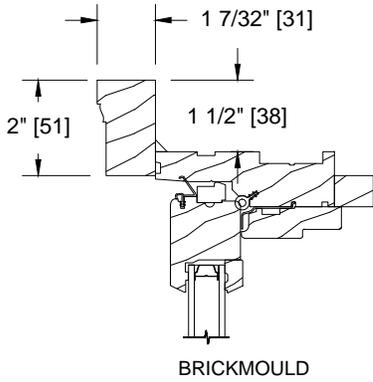
EXTERIOR TRIM OFFERINGS WITH STANDARD SUBSILL



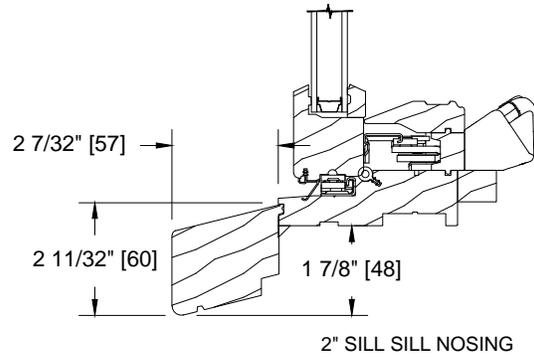
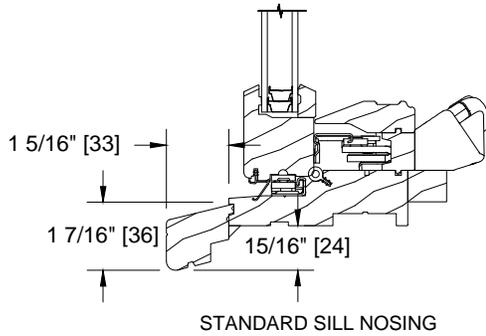
EXTERIOR TRIM OFFERINGS WITHOUT SILL NOSE
EXTERIOR TRIM ON ALL 4 SIDES



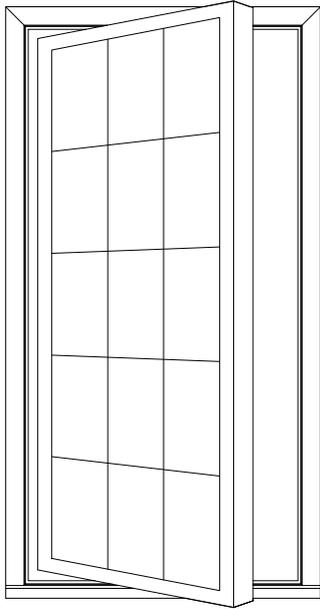
TRIM AND SILL OPTIONS



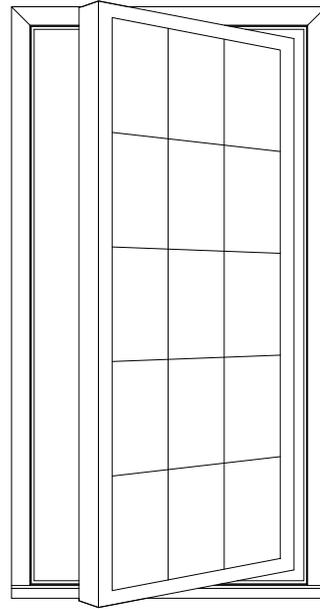
SILL OPTIONS



HANDING AND OPERATION

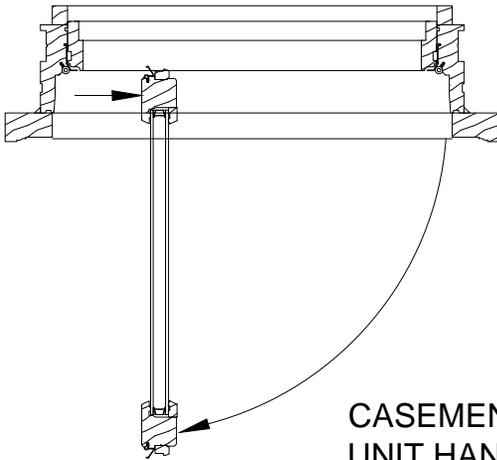


LEFT
HAND

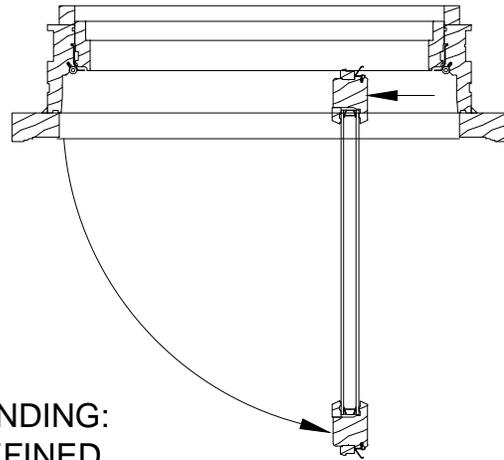


RIGHT
HAND

OPERATOR

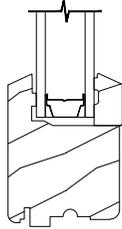


OPERATOR

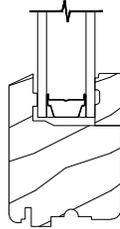


CASEMENT UNIT HANDING:
UNIT HANDING IS DEFINED
(FROM THE EXTERIOR) AS THE
DIRECTION THE SASH OPENS.

GLASS STOP OPTIONS

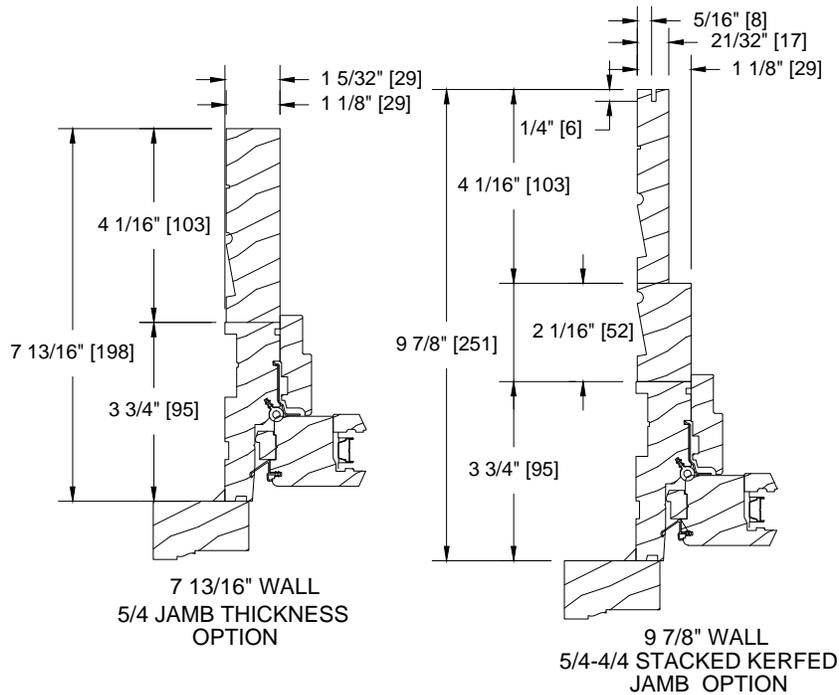
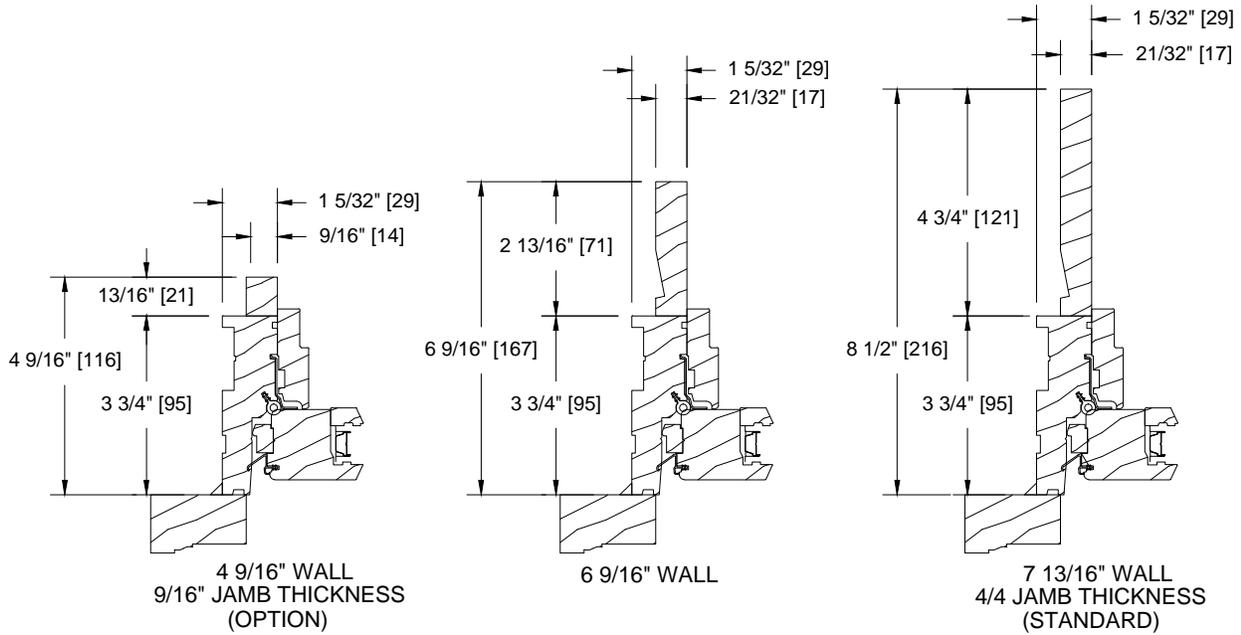


TRADITIONAL



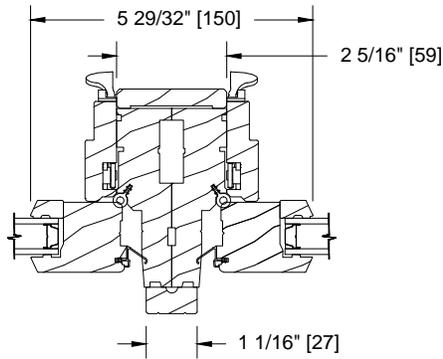
CONTEMPORARY

JAMB EXTENDER OPTIONS

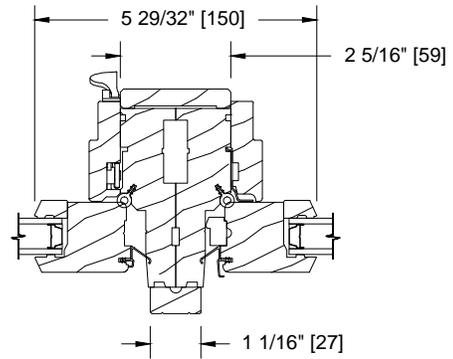


Kerfed Jamb Extension only available on 4/4 or 5/4 options
 Maximum jamb length for 4/4 is 7 15/16".
 Maximum jamb length for 5/4 is 7 1/4".
 Maximum jamb length for 5/4 2 piece stacked is 12".

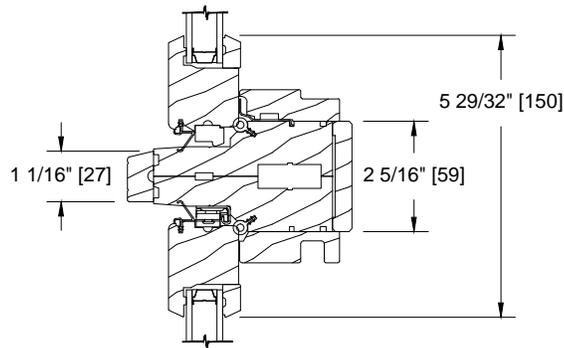
MULLION OPTIONS



OPERATING / OPERATING

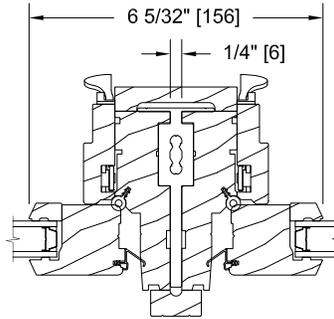


OPERATING / STATIONARY

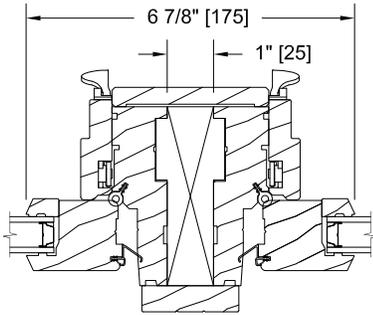


**STATIONARY
OPERATING**

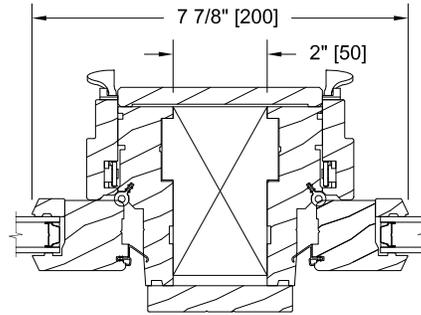
SPREAD MULLION OPTIONS



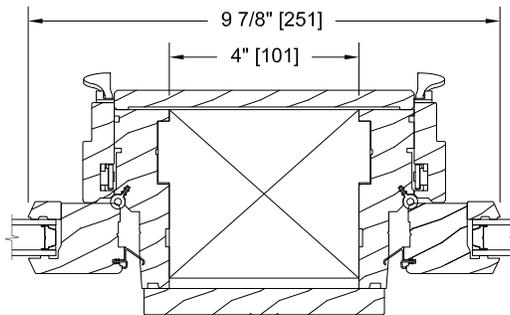
**OPERATING / OPERATING
W/ 1/4" STRUCTURAL MULL
HORIZONTAL SECTION**



**OPERATING / OPERATING
W/ 1" SOLID SPREAD MULL
HORIZONTAL SECTION**

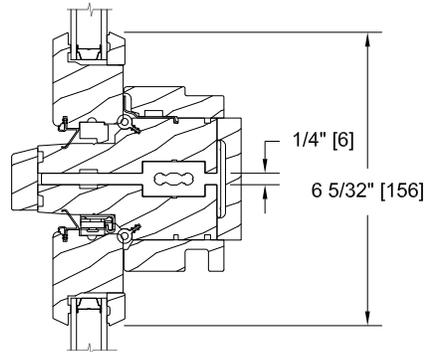


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W/ 2" SOLID SPREAD MULL
HORIZONTAL SECTION**

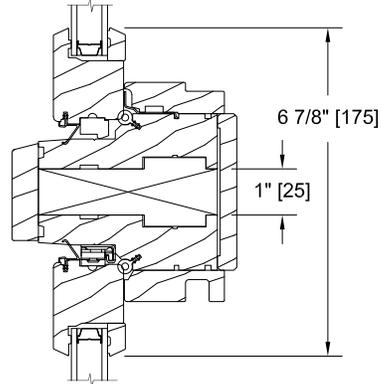


**OPERATING / OPERATING
W/ 4" SOLID SPREAD MULL
HORIZONTAL SECTION**

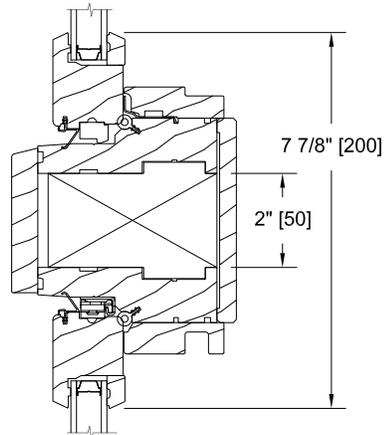
SPREAD MULLION OPTIONS



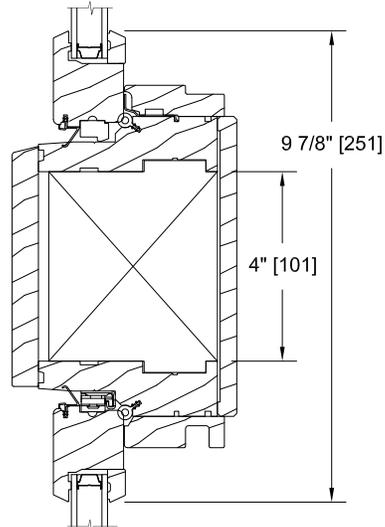
**STATIONARY
OPERATING
W/ 1/4" STRUCTURAL MULL
VERTICAL SECTION**



**STATIONARY
OPERATING
W/ 1" SOLID SPREAD MULL
VERTICAL SECTION**

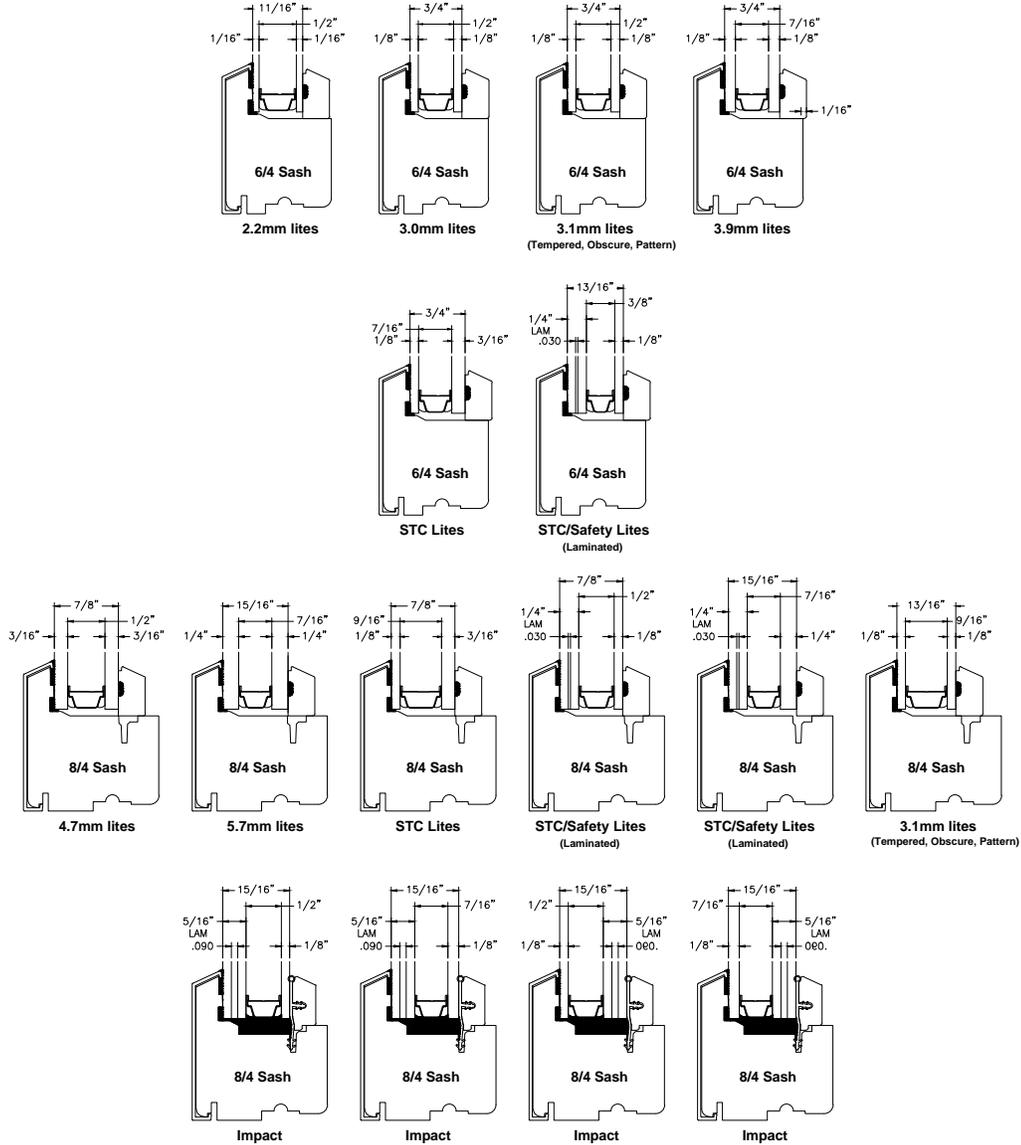


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OPERATING
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VERTICAL SECTION**

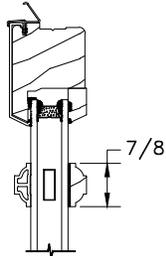


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OPERATING
W/ 4" SOLID SPREAD MULL
VERTICAL SECTION**

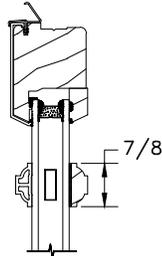
GLAZING OPTIONS



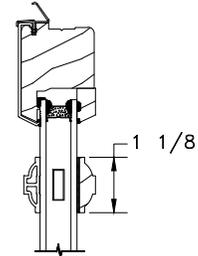
SDL OPTIONS



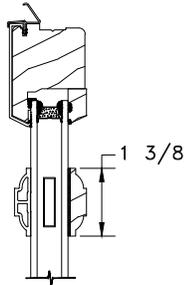
**7/8" BEAD SDL
W/ LIGHT BRONZE
SHADOW BAR**



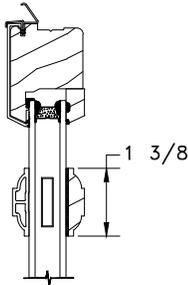
**7/8" BEAD SDL
W/ SILVER
SHADOW BAR**



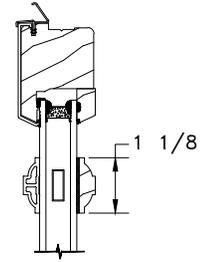
**1 1/8" BEAD SDL
W/ LIGHT BRONZE
SHADOW BAR**



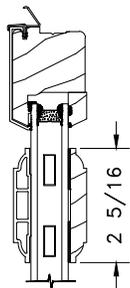
**1 3/8" BEAD SDL
W/ LIGHT BRONZE
SHADOW BAR**



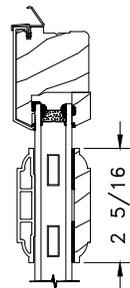
**1 3/8" BEAD SDL
W/ SILVER SHADOW BAR**



**1 1/8" BEAD SDL
W/ SILVER SHADOW BAR**

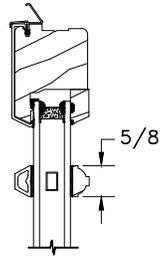


**2-5/16" BEAD SDL
W/ LIGHT BRONZE
SHADOW BAR**

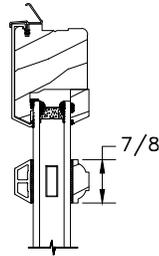


**2-5/16" BEAD SDL
W/ SILVER SHADOW BAR**

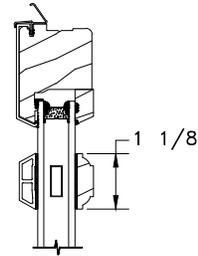
SDL OPTIONS



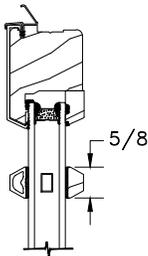
5/8" PUTTY SDL



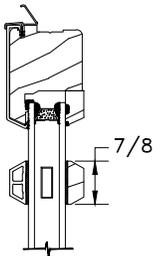
7/8" PUTTY SDL



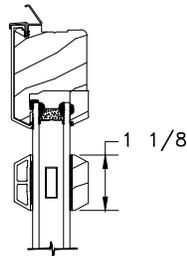
1 1/8" PUTTY SDL



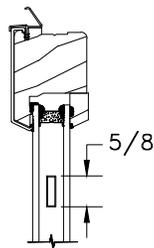
5/8" PUTTY SDL



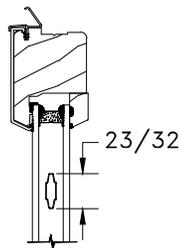
7/8" PUTTY SDL



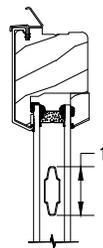
1 1/8" PUTTY SDL



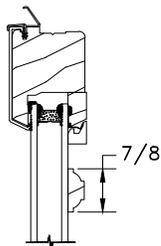
5/8" GBG



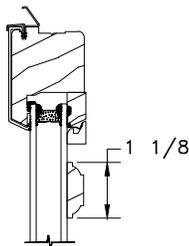
**23/32" CONTOUR
GBG**



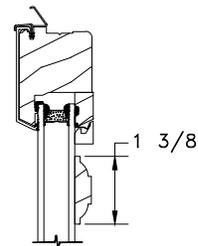
**W/ 1" CONTOUR
GBG**



**FULL SURROUND
7/8" WOOD GRILLE**

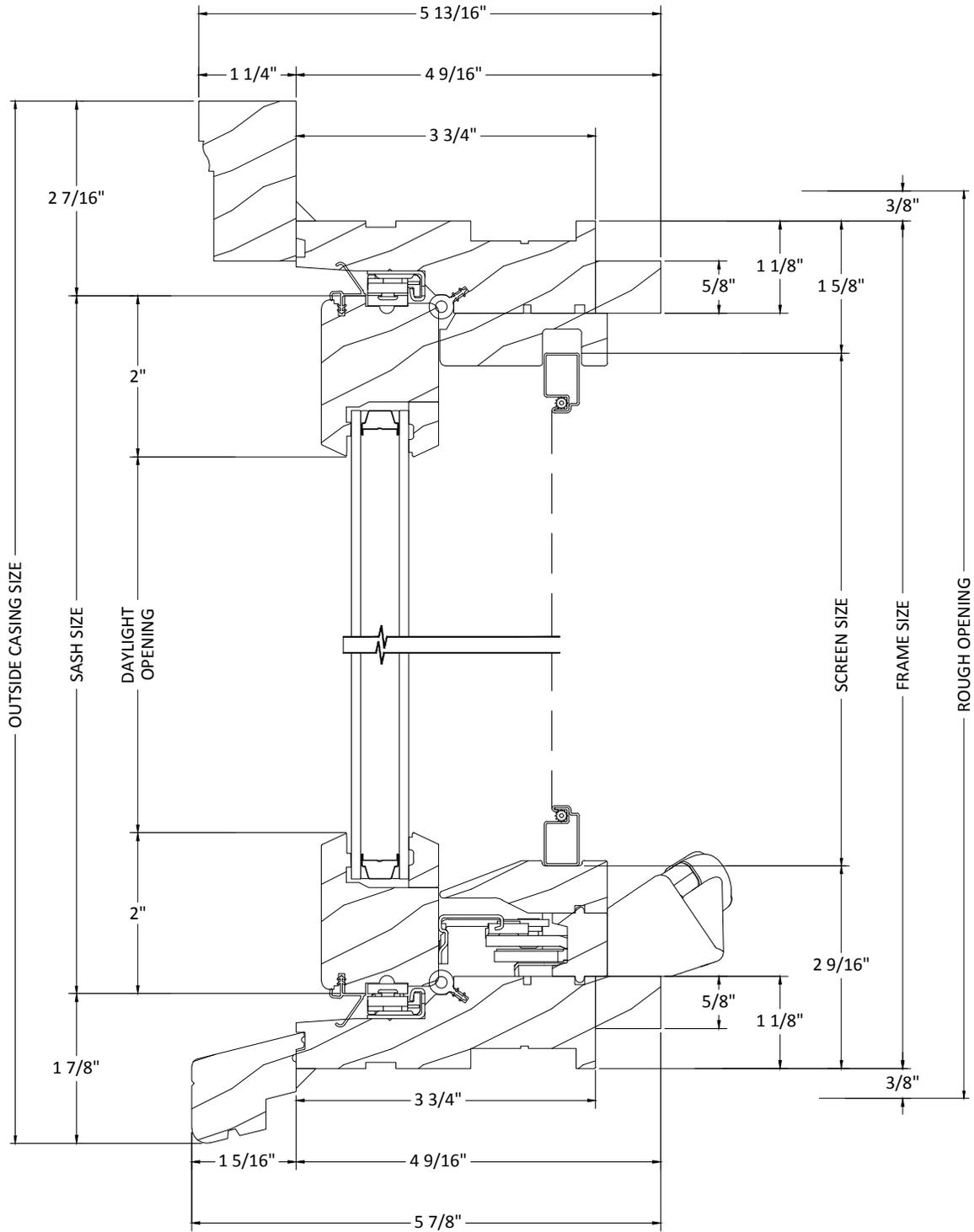


**FULL SURROUND
1 1/8" WOOD GRILLE**

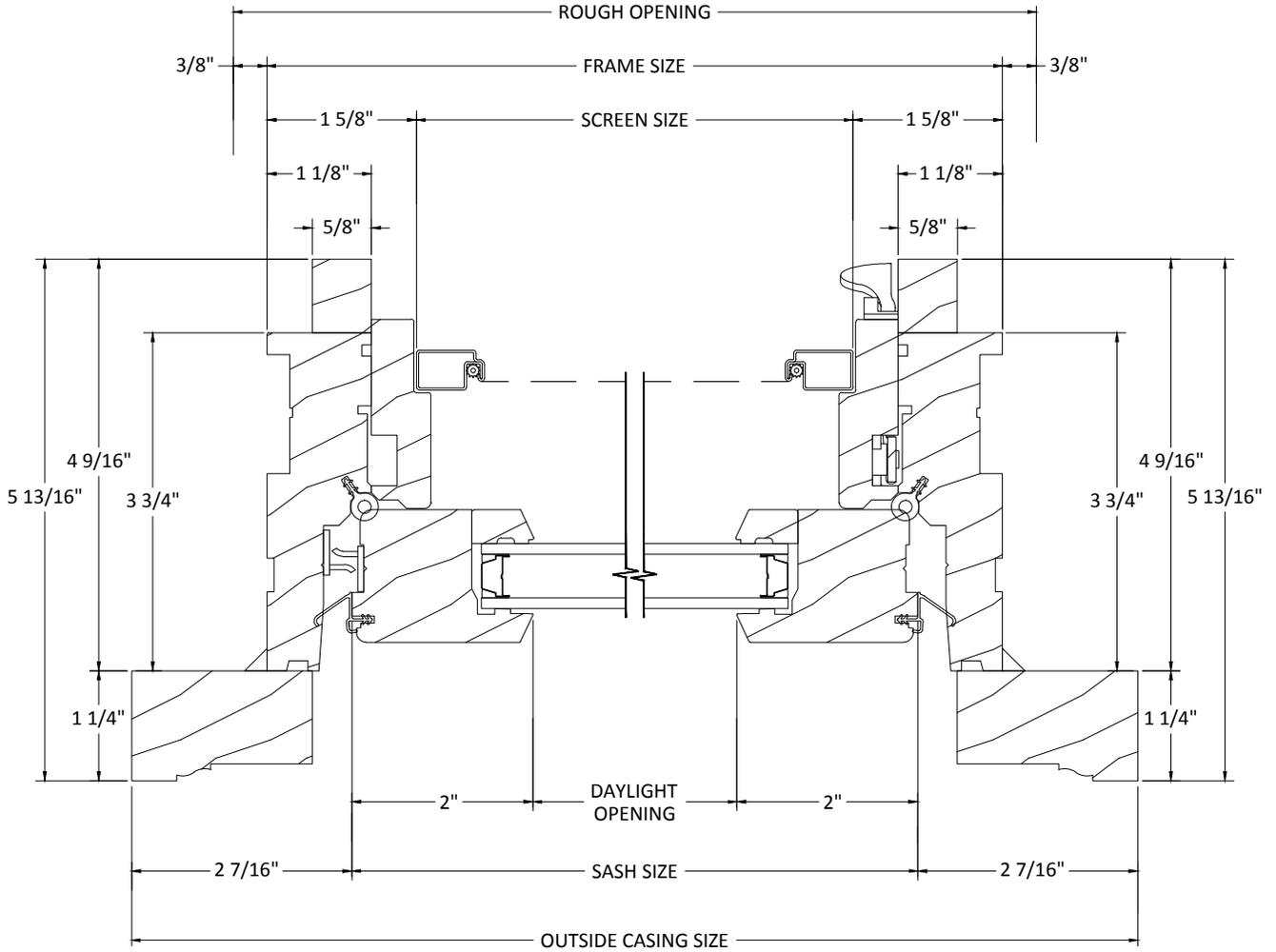


**FULL SURROUND
1 3/8" WOOD GRILLE**

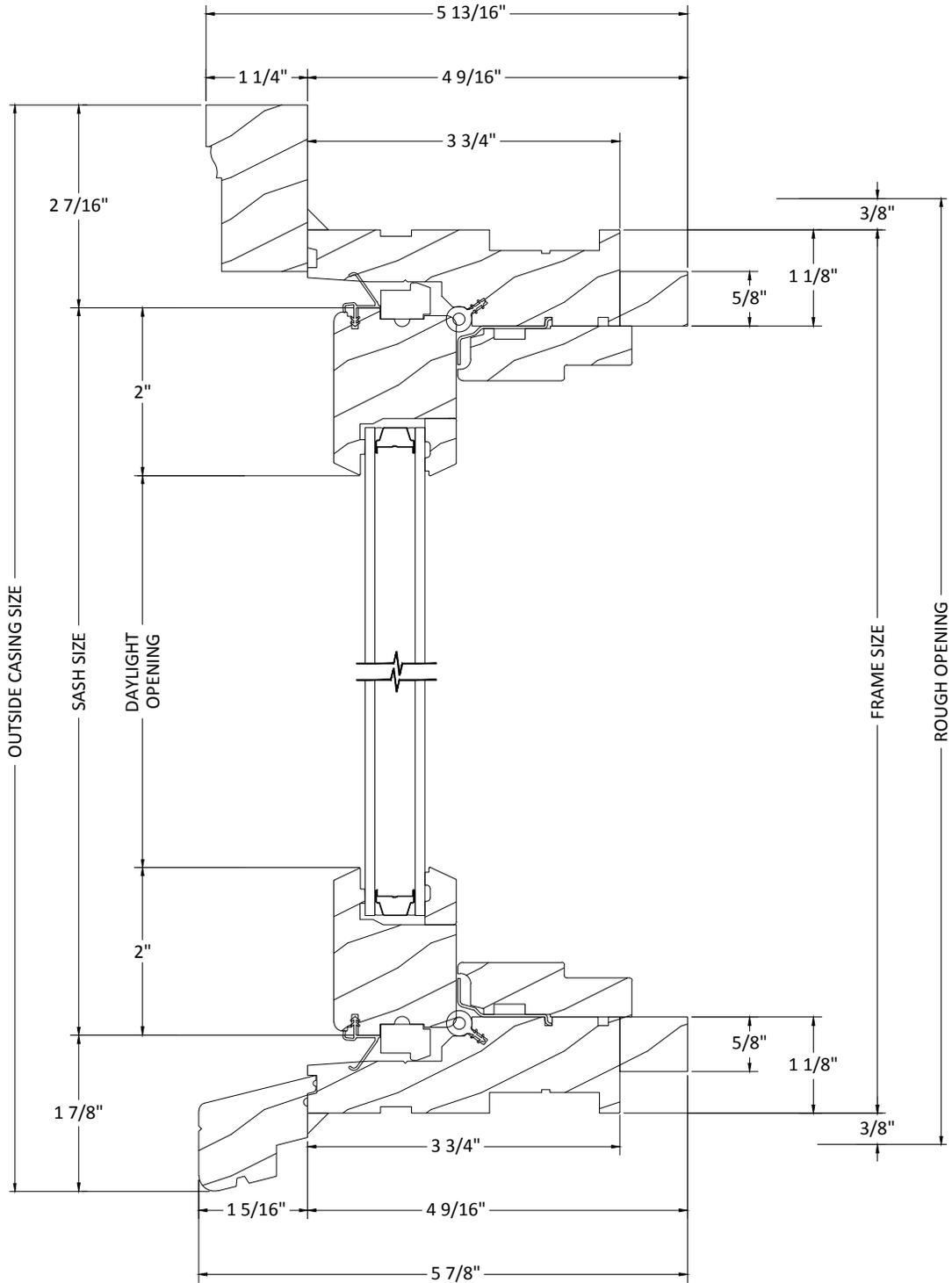
VERTICAL SECTION
OPERATOR



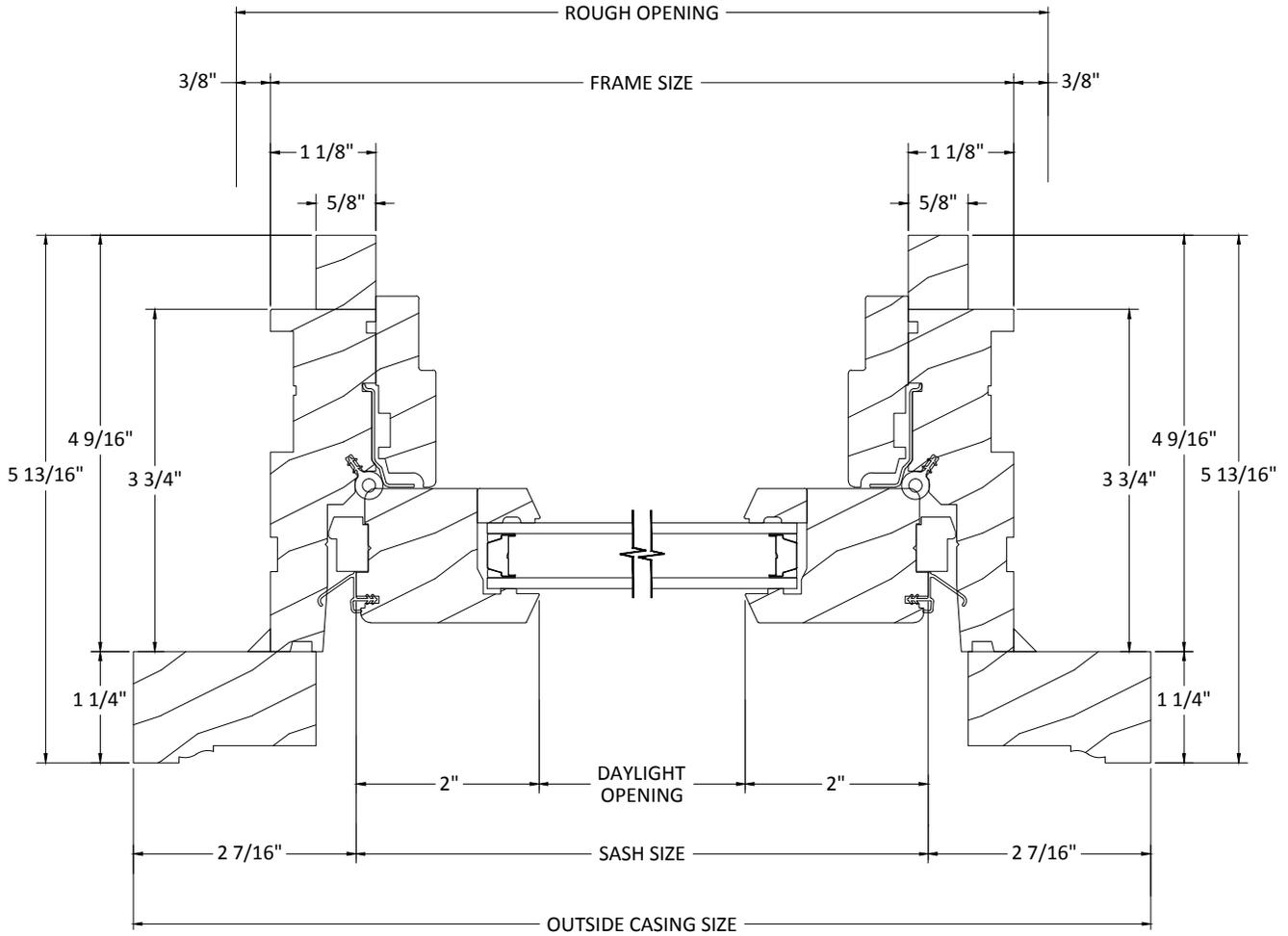
HORIZONTAL SECTION
OPERATOR



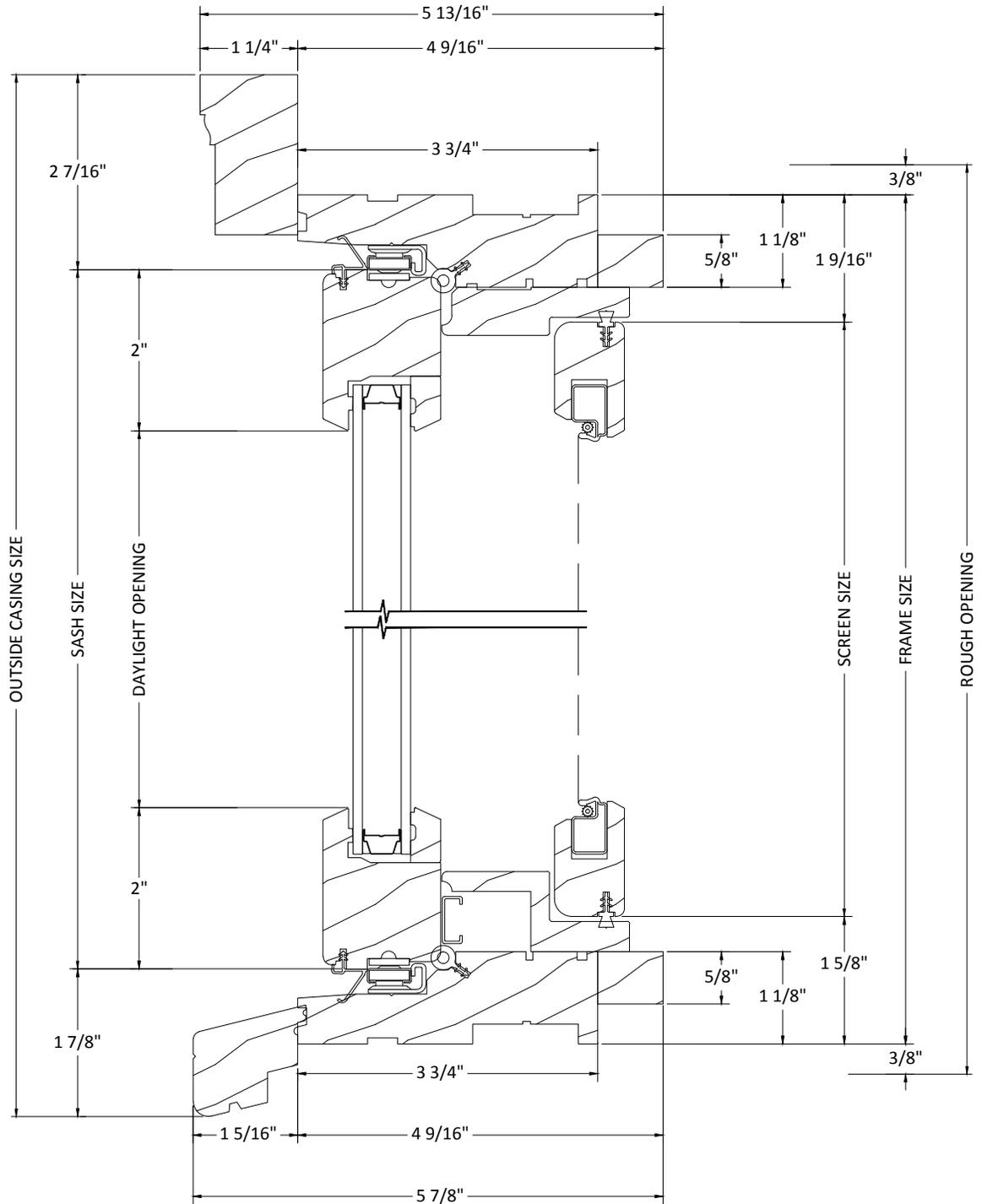
VERTICAL SECTION
FIXED



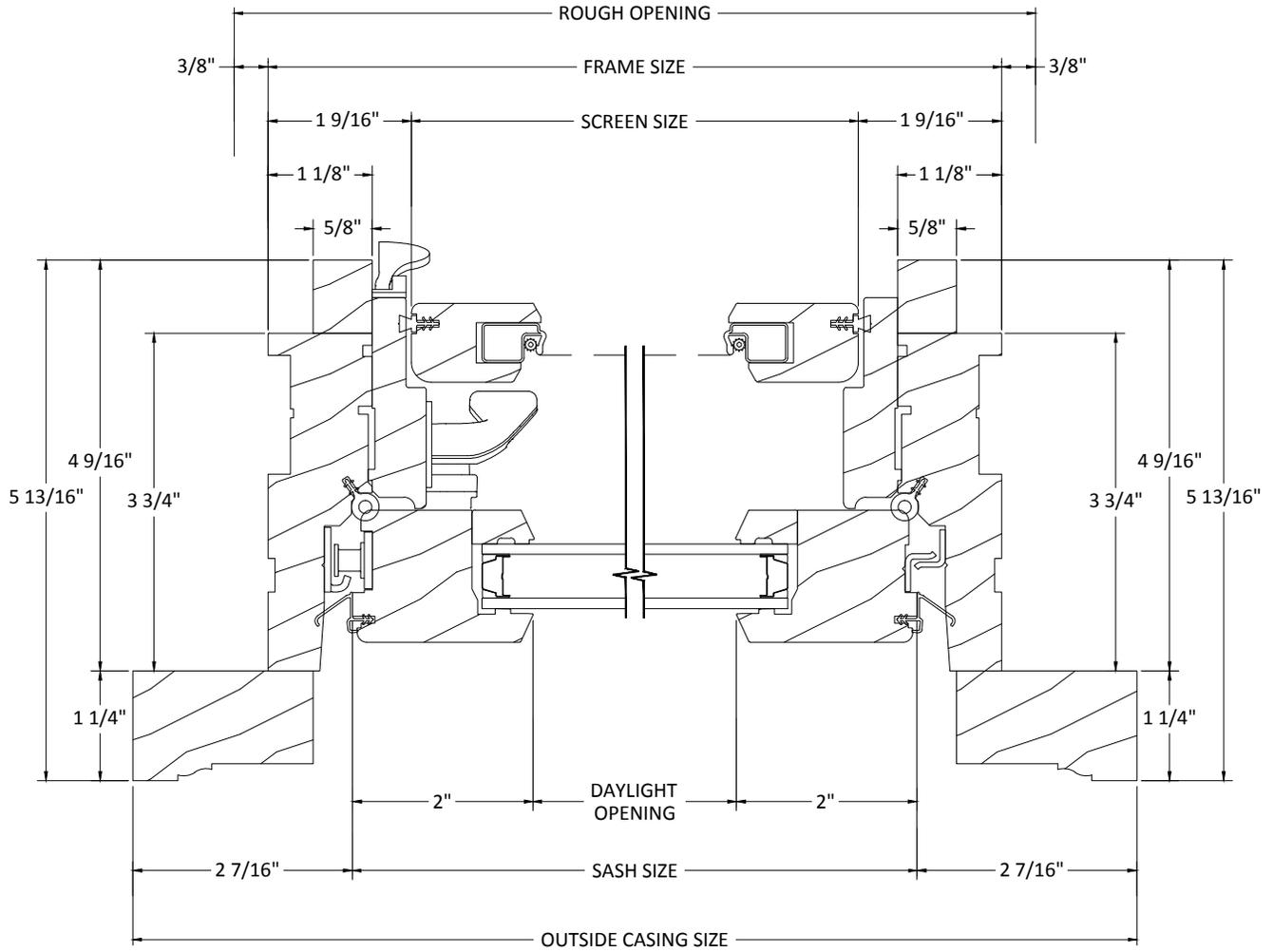
HORIZONTAL SECTION
FIXED



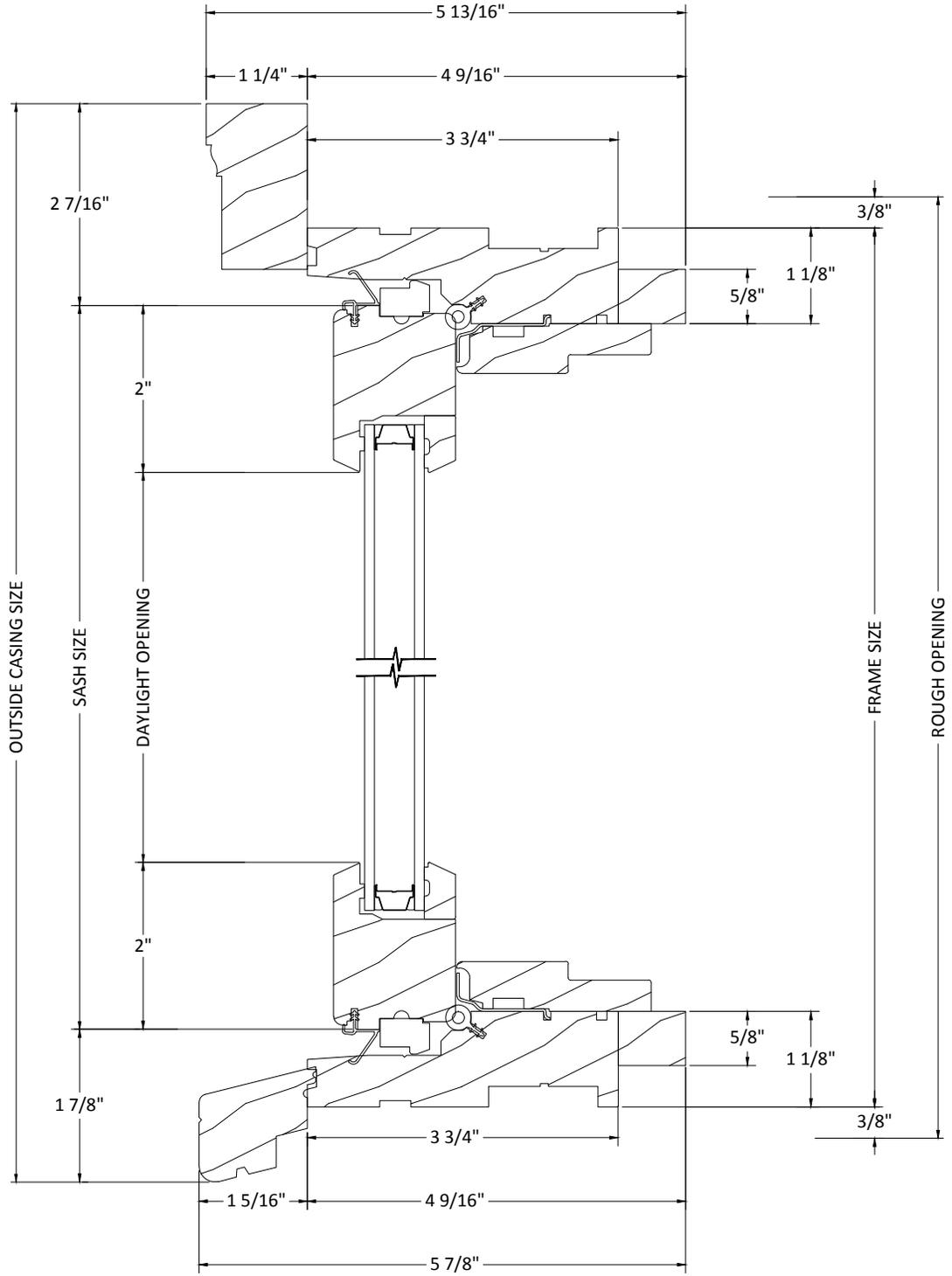
VERTICAL SECTION
PUSHOUT CASEMENT



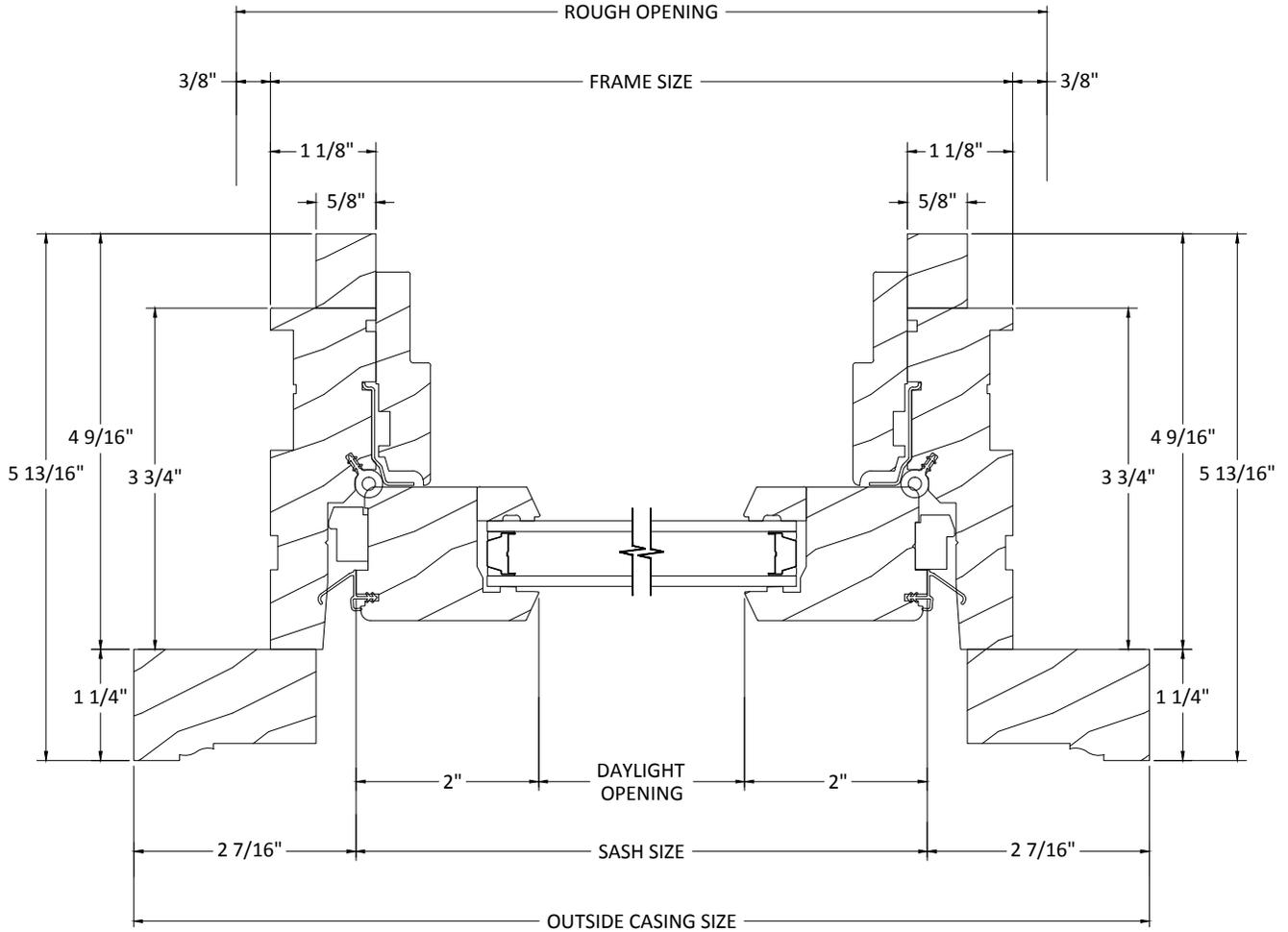
HORIZONTAL SECTION
PUSHOUT CASEMENT



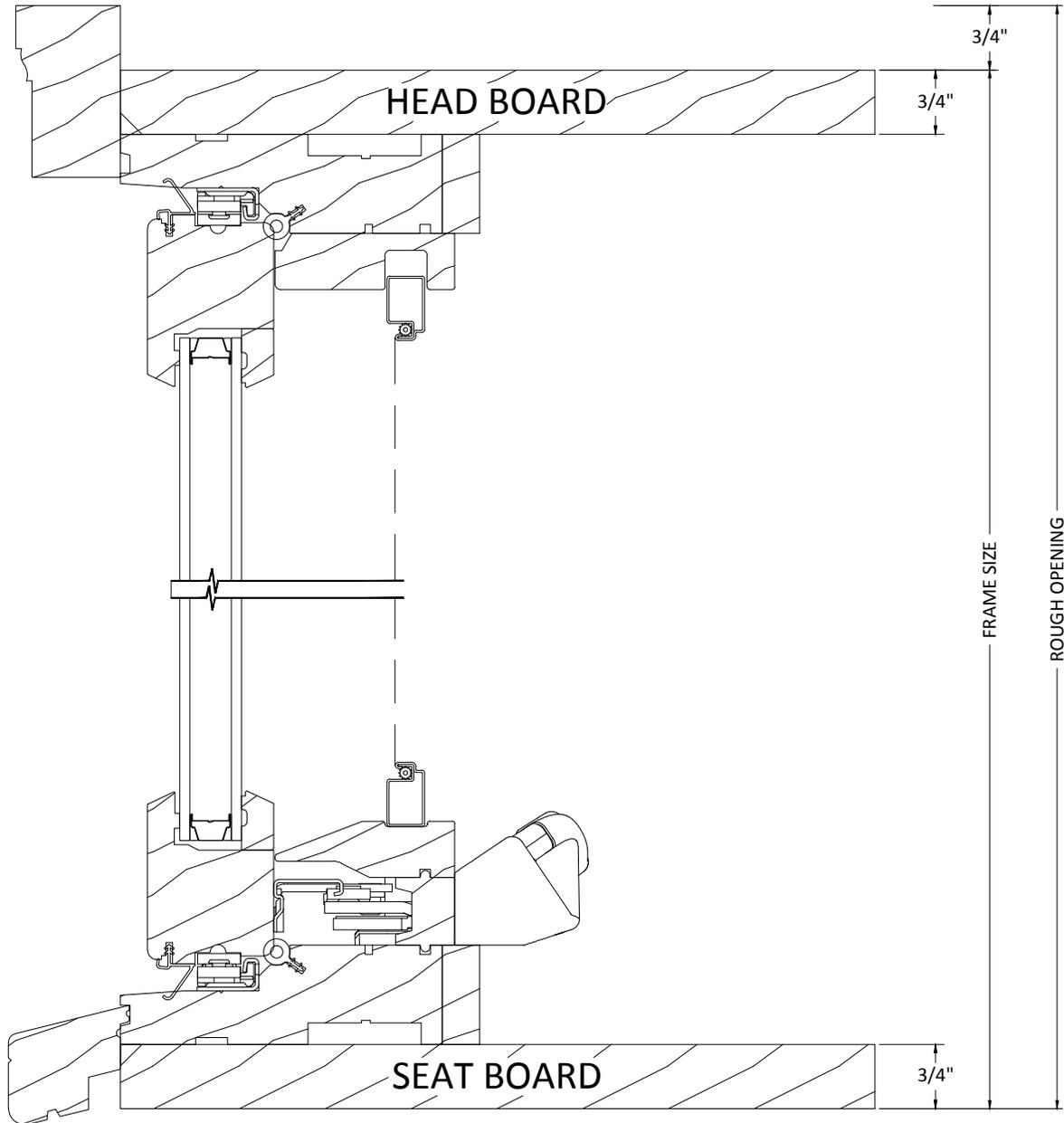
VERTICAL SECTION
PUSHOUT FIXED



HORIZONTAL SECTION
PUSHOUT FIXED

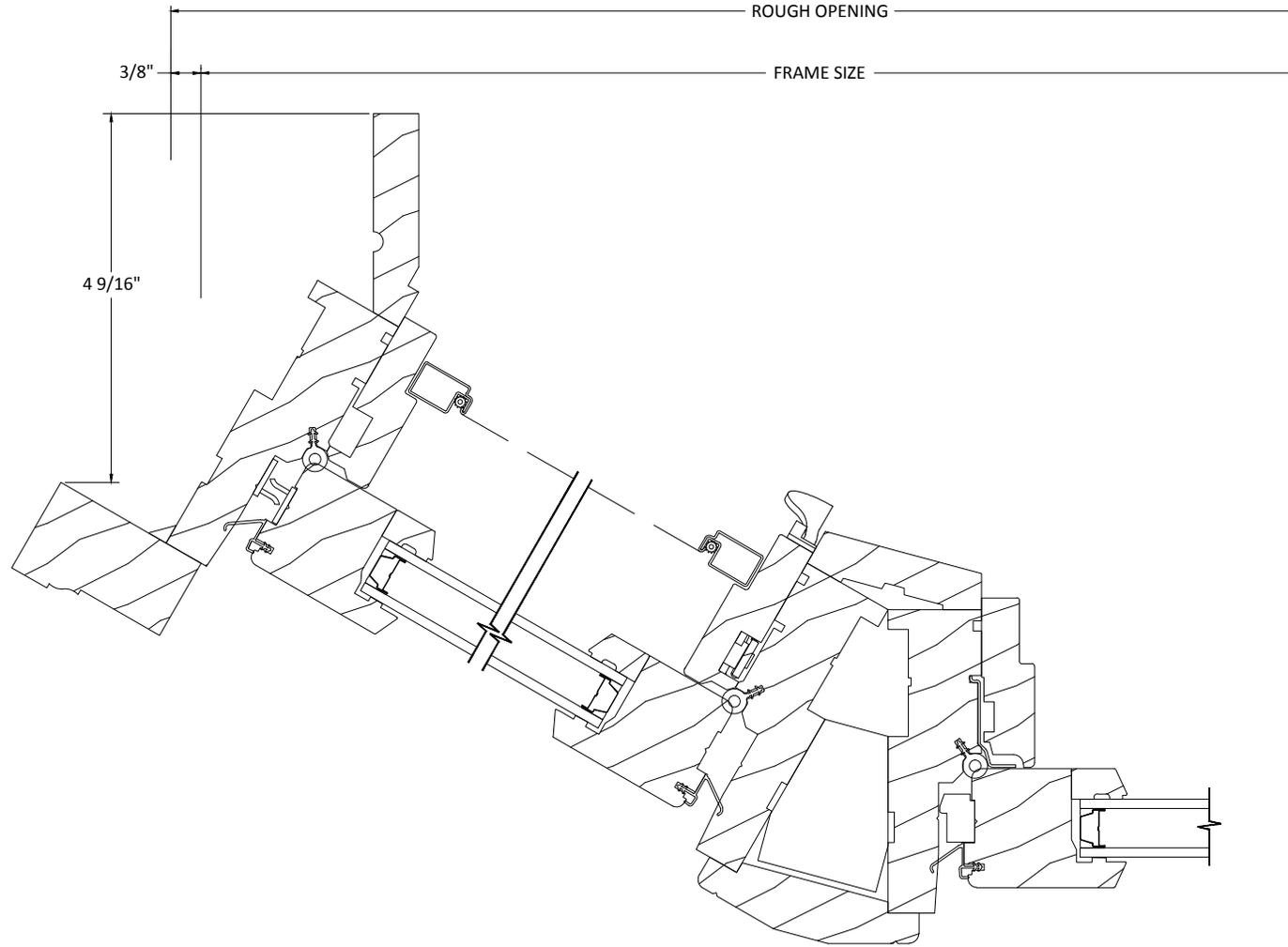


BAY AND BOW
VERTICAL SECTION



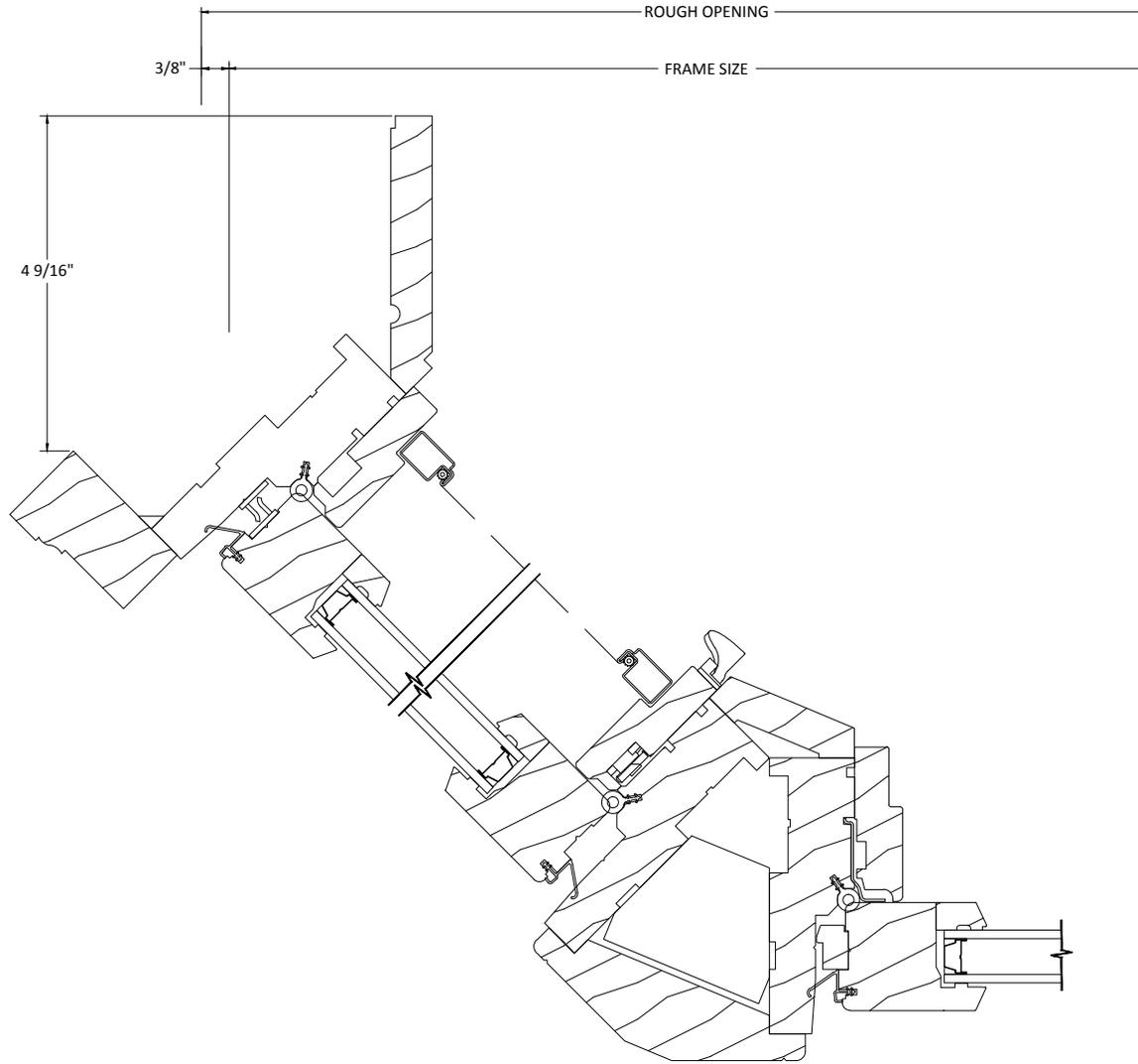
**SITELINE WOOD WINDOW
SITELINE CASEMENT**

30 BAY HORIZONTAL SECTION



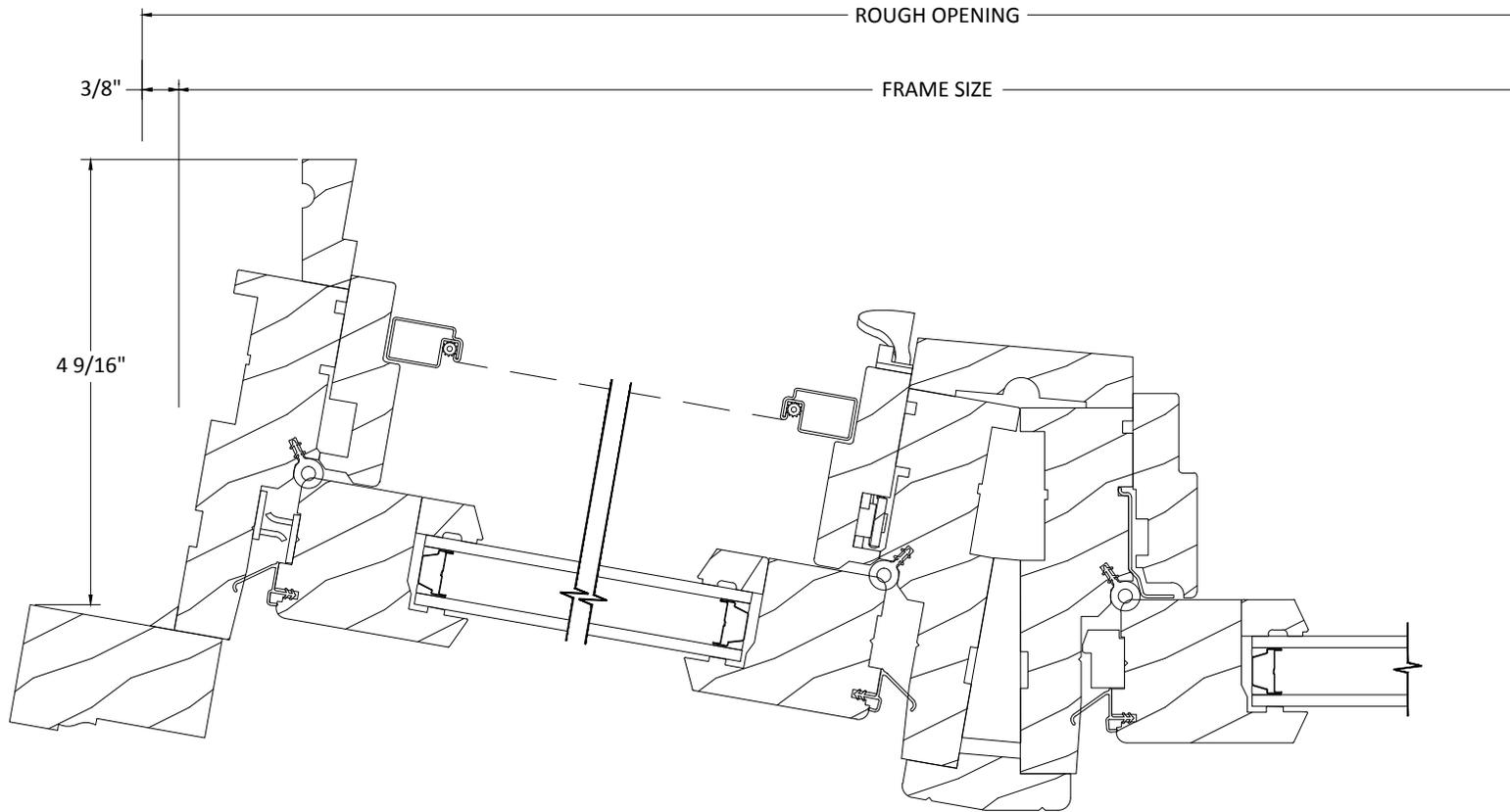
**SITELINE WOOD WINDOW
SITELINE CASEMENT**

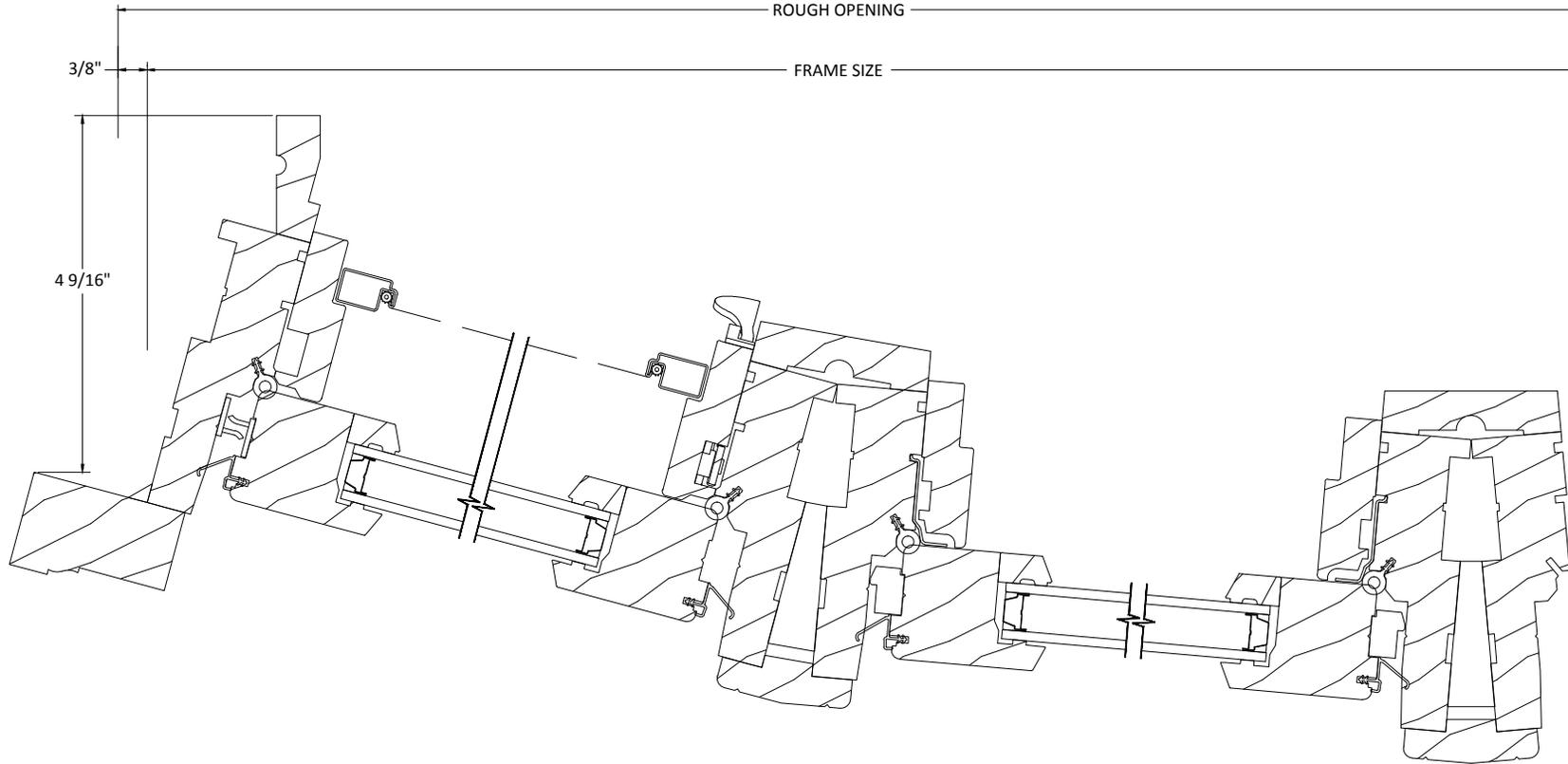
45 BAY HORIZONTAL SECTION

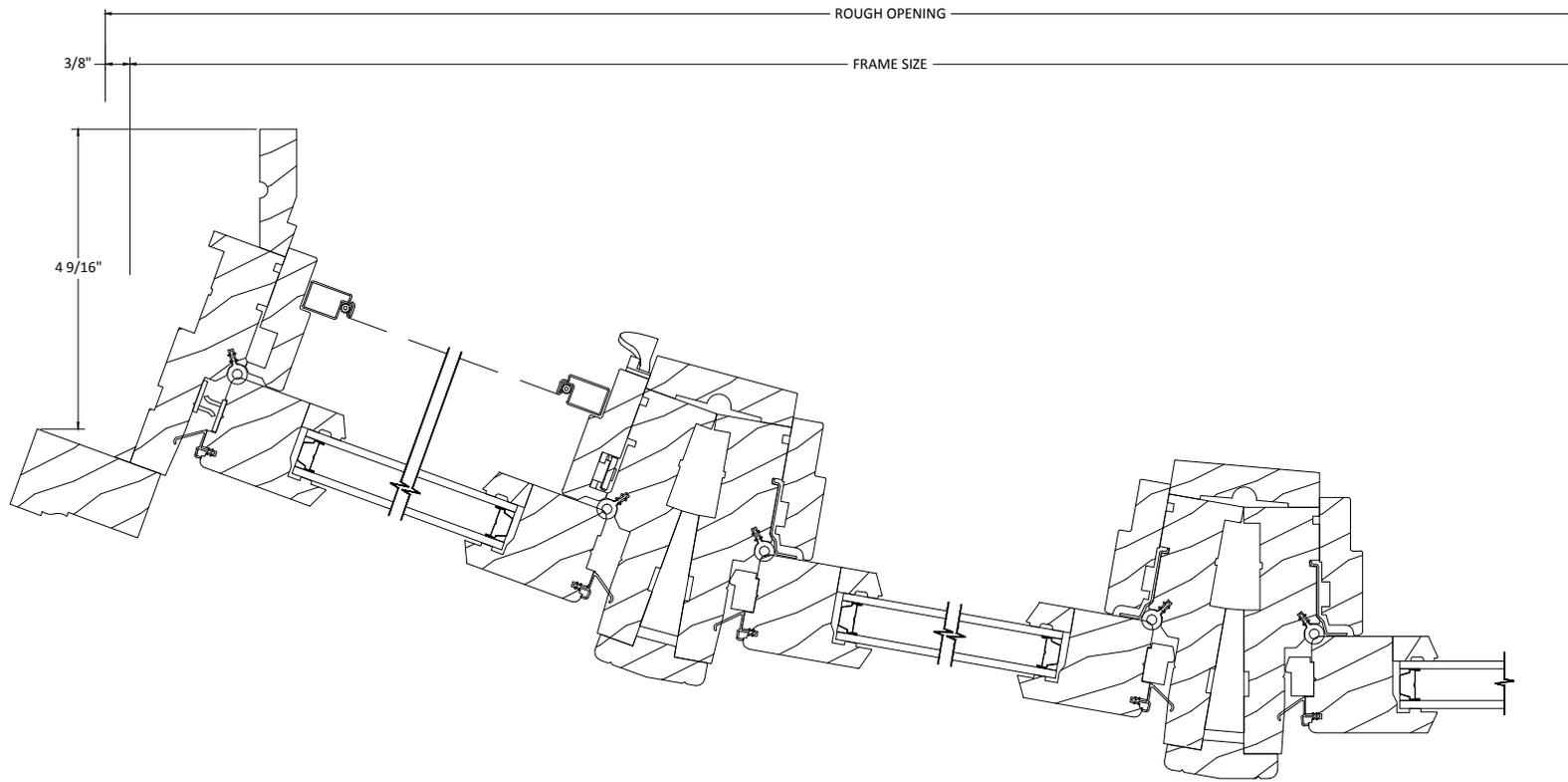


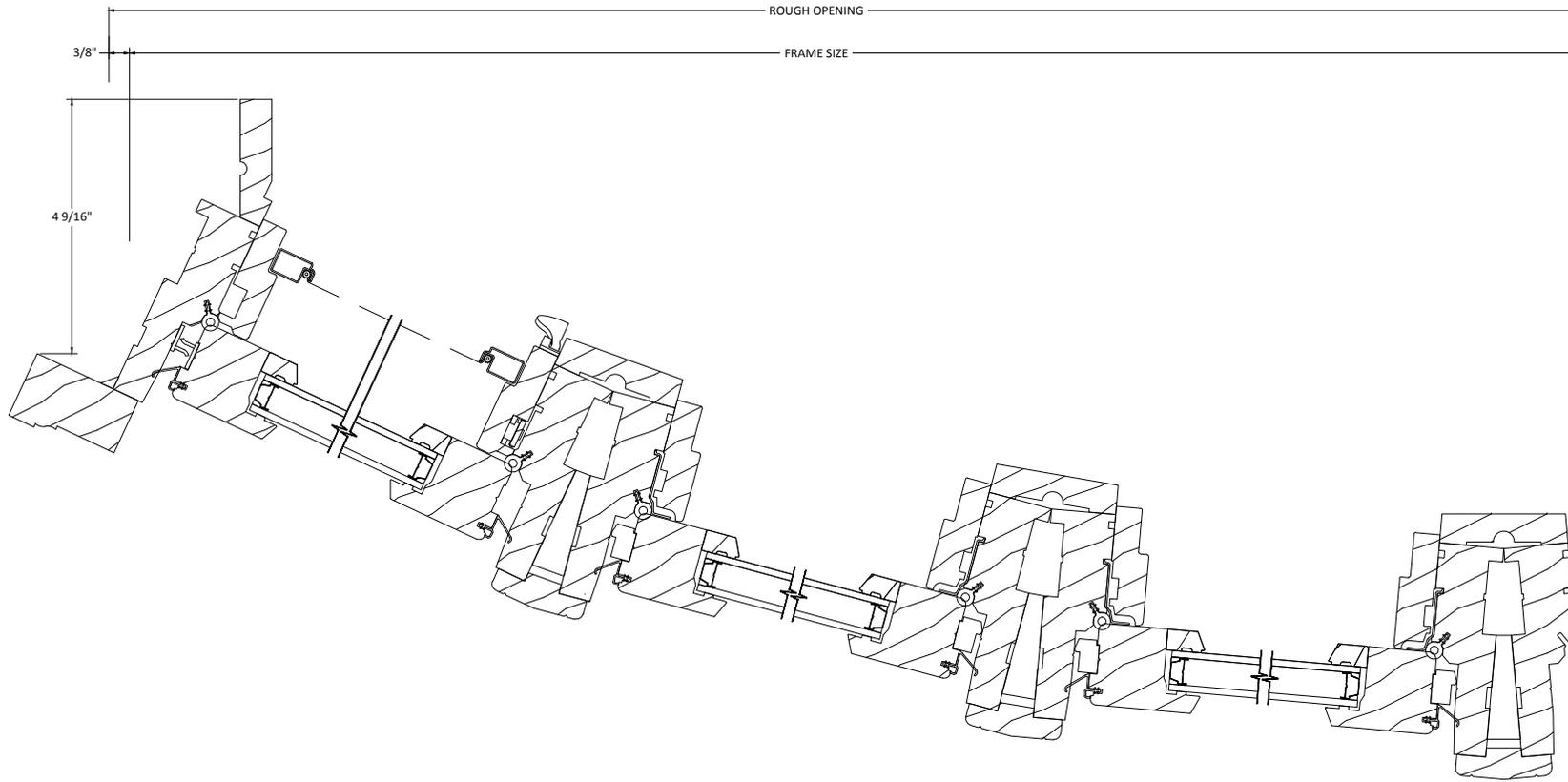
SITELINE WOOD WINDOW
SITELINE CASEMENT

3 WIDE BOW HORIZONTAL SECTION

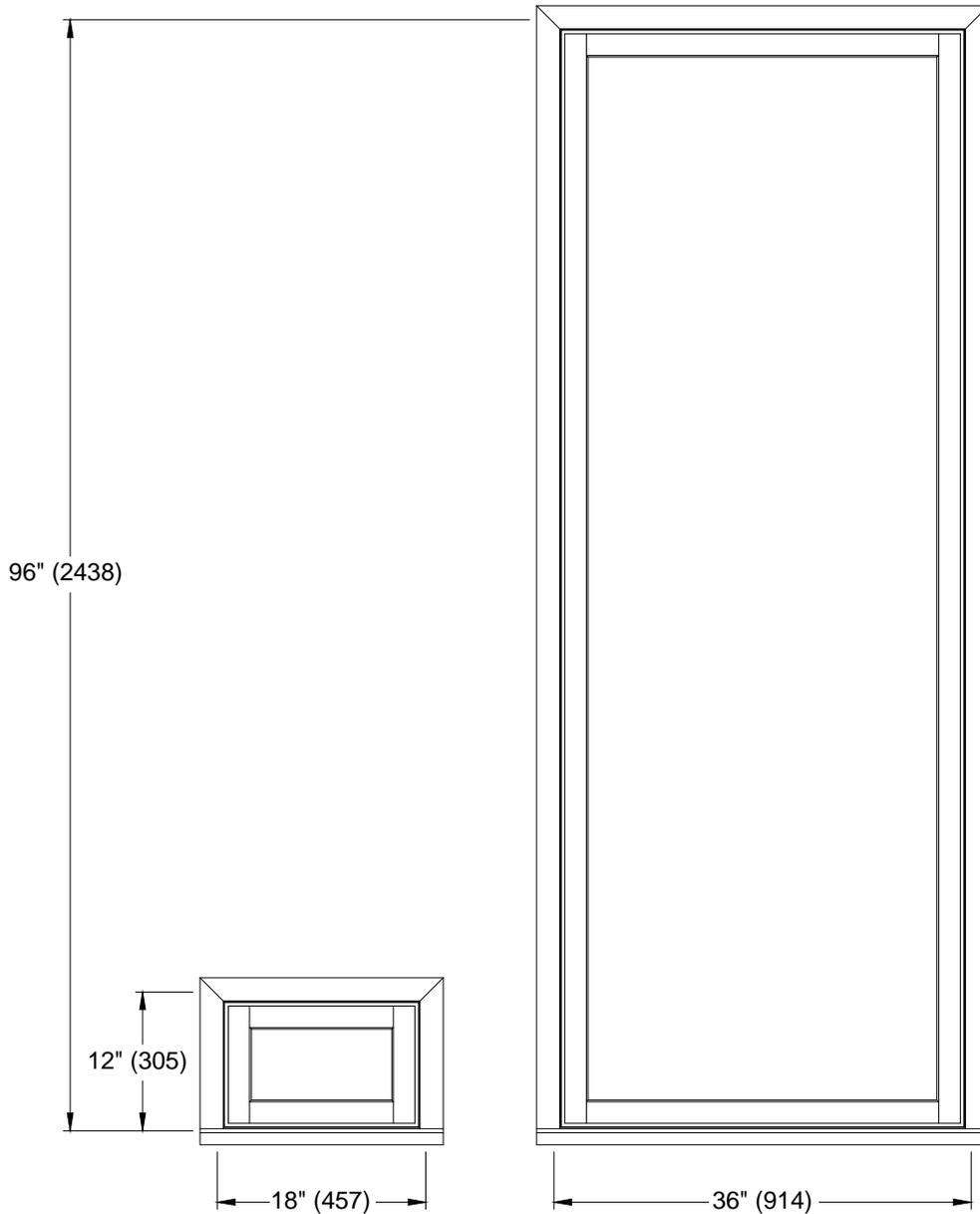








MIN-MAX SIZING

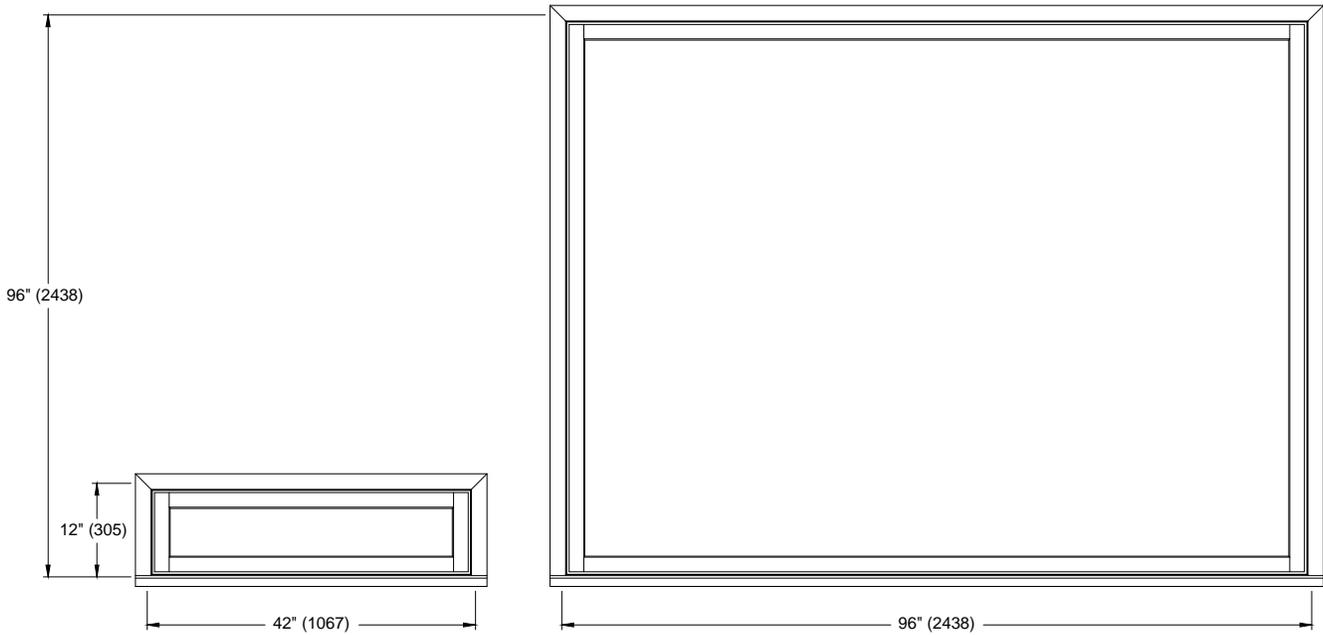


Standard widths for the Siteline Wood Casement:
18"(457mm), 20"(508mm), 24"(610mm), 28"(711mm), 30"(762mm),
32"(813mm), 36"(914mm).

Standard heights for the Siteline Wood Casement:
12"(305mm), 18"(457mm), 20"(508mm), 24"(610mm), 28"(711mm),
30"(762mm), 36"(914mm), 42"(1067mm), 48"(1219mm), 54"(1372mm),
60"(1524mm), 66"(1676mm), 72"(1829mm), 78"(1981mm), 84"(2134mm).

Max Size for Operators: 36" x 72", 30" x 78" and 24" x 84"

MIN-MAX SIZING



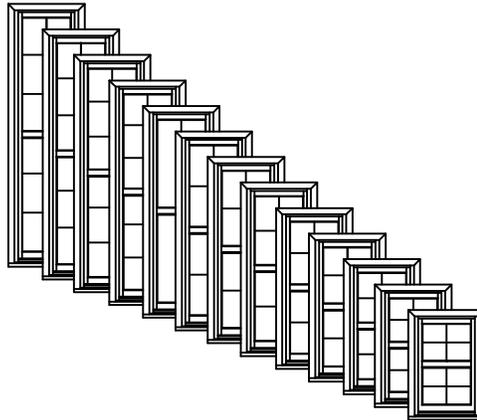
Standard widths for the Siteline Wood Casement Picture:
42"(1067mm), 48"(1219mm), 54"(1372mm), 60"(1524mm), 66"(1676mm),
72"(1829mm), 84"(2134mm), 96"(2438mm).

Standard heights for the Siteline Wood Casement Picture:
12"(305mm), 18"(457mm), 20"(508mm), 24"(610mm), 28"(711mm),
30"(762mm), 36"(914mm), 42"(1067mm), 48"(1219mm), 54"(1372mm),
60"(1524mm), 66"(1676mm), 72"(1829mm), 78"(1981mm), 84"(2134mm),
96"(2438mm).

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GENERAL INFORMATION



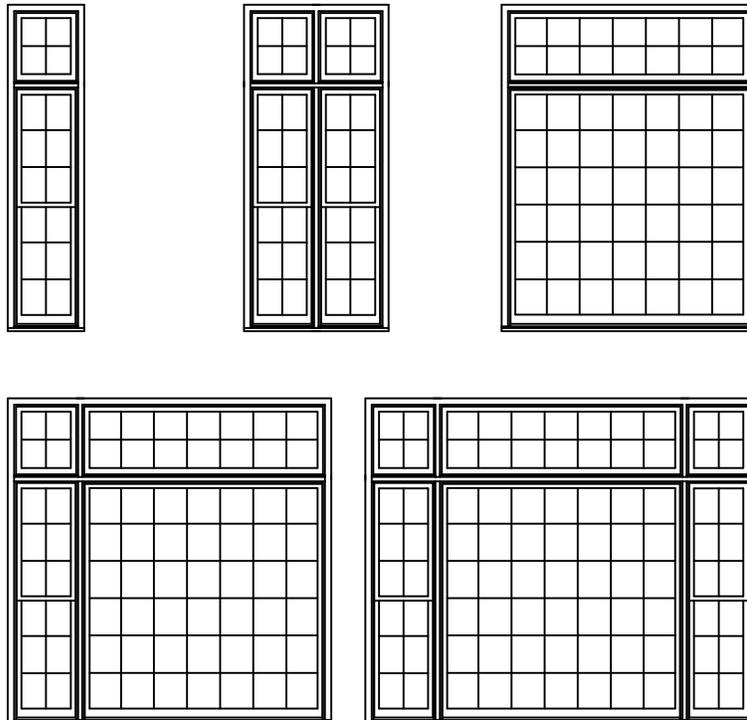
DIMENSIONAL WINDOWS

Wood double hung windows may be specified as "dimensional", by adjusting the desired rough opening width or height.

Wood double hung windows feature fully operating upper and lower sash. Counterbalancing is achieved with block and tackle spring extension systems hidden in weatherable PVC jamb liners. Operating units are supplied with cam-type sash locks installed. Die-cast lower sash lifts supplied for field installation are an option. Recessed sash retainers provide simple sash installation and removal. There are several hardware finish options. Refer to the Specifications for available finish options.

MULTIPLE ASSEMBLIES

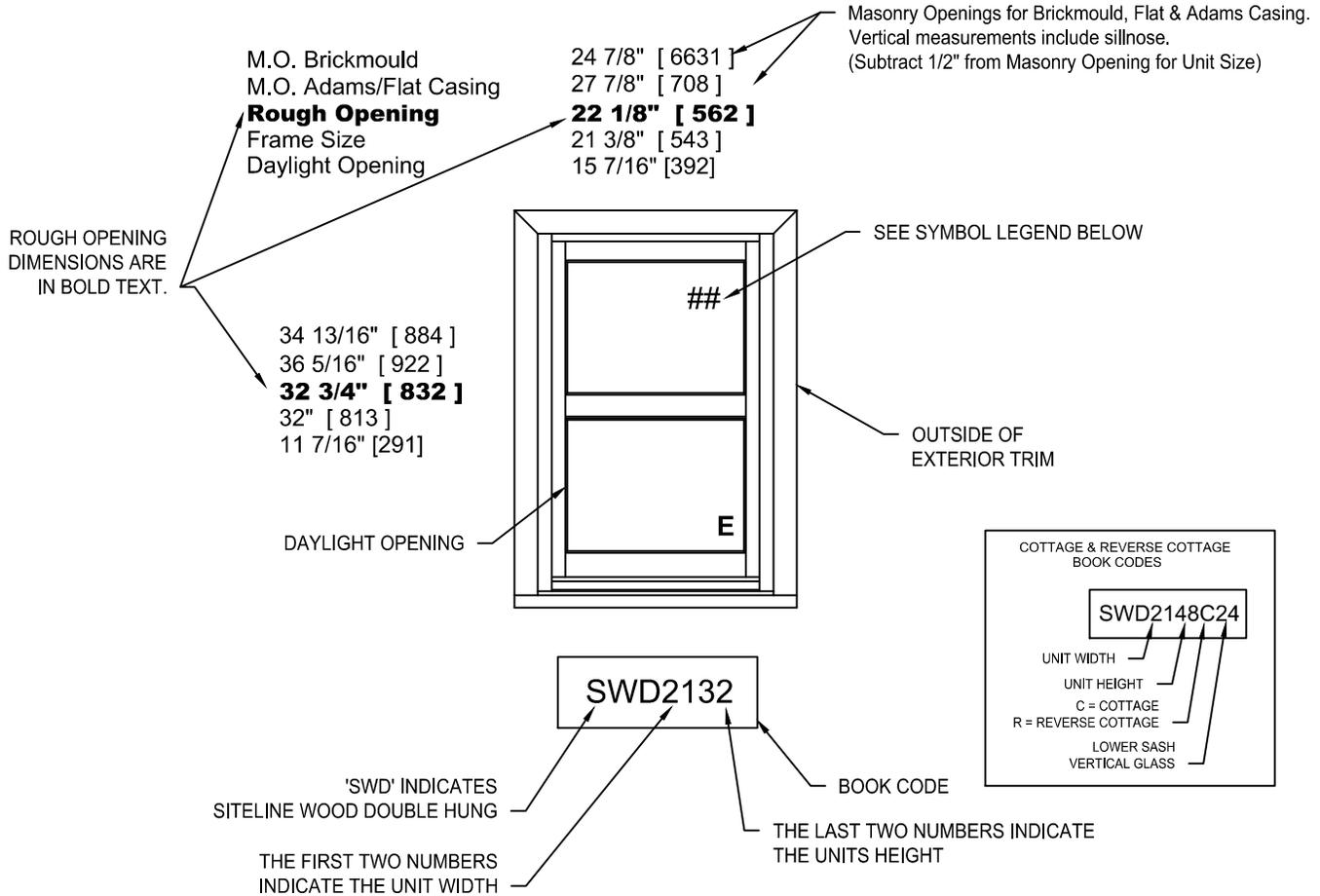
Wood double hung windows may be mulled beside other wood double hungs or wood picture windows, or below wood transom windows, to fulfill a wide variety of needs.



DOUBLE HUNG
ELEVATION NOTES

ELEVATION DRAWINGS UTILIZE A LIMITED NUMBER OF PROJECTED LINES TO PRODUCE A RUDIMENTARY DRAWING INTENDED TO BE USED IN A SMALL GRAPHICAL SCALE. ELEVATIONS ARE VIEWED PERPENDICULAR FROM THE EXTERIOR OF THE STRUCTURE. IF MORE DIMENSIONS ARE NEEDED, USE THE SECTION DRAWINGS FOR MORE COMPLETE DEPICTIONS.

DOUBLE HUNG WINDOW



GENERAL WOOD DOUBLE HUNG NOTES

1. ALL UNITS SHOWN ARE AVAILABLE AS OPERATORS ONLY.
2. UNIT ELEVATIONS ARE SHOWN WITH BRICKMOULD & SILLNOSE.
3. ALL OPERATING SASH ARE INSTALLED WITH VINYL JAMB LINERS AND OPERATED WITH AN INTERNAL BLOCK AND TACKLE SPRING SYSTEM.
4. DIMENSIONAL VALUES IN BRACKETS ARE MILLIMETER CONVERSIONS.

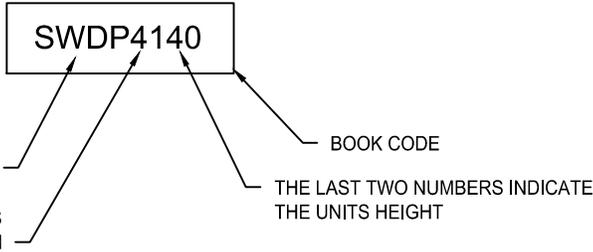
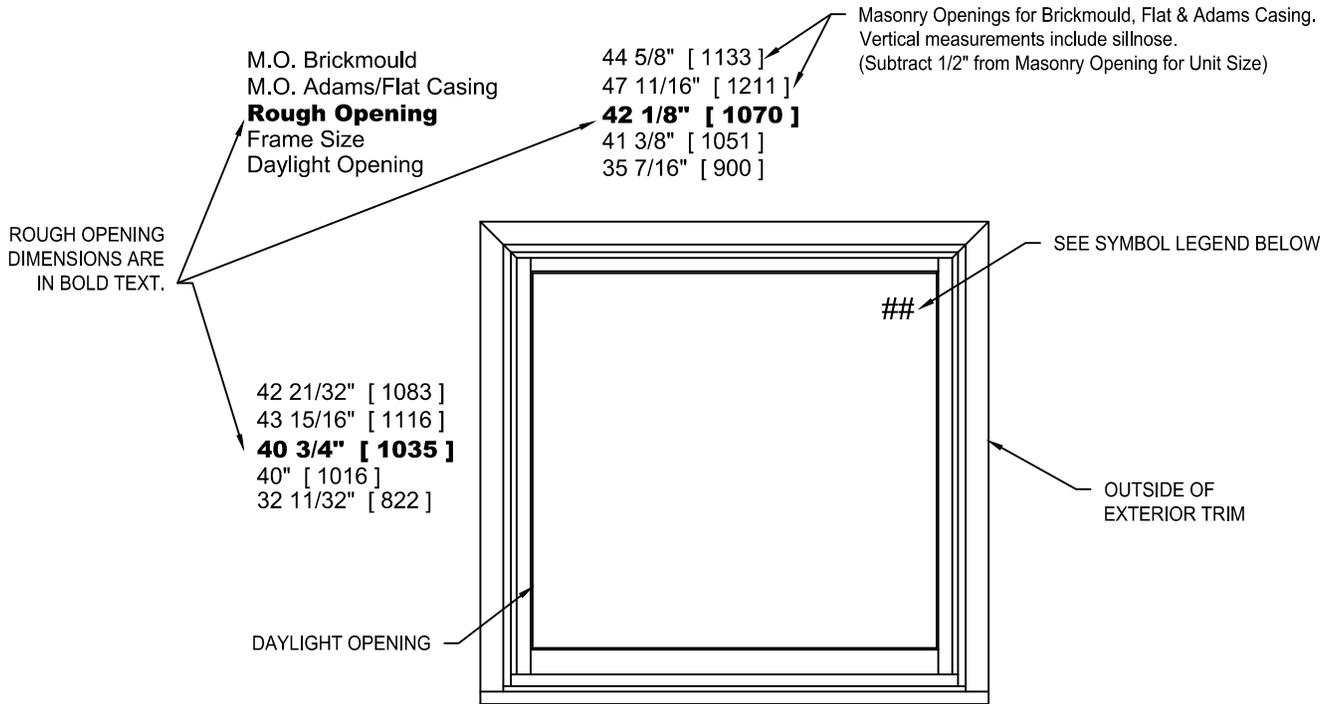
ELEVATION SYMBOL LEGEND:

- E** BASIC UNIT CLEAR OPENING EXCEEDS 20" IN WIDTH, 24" IN HEIGHT & A MINIMUM OF 5.7 SQ. FT.
- E1** BASIC UNIT CLEAR OPENINGS EXCEEDS 20" IN WIDTH, 24" IN HEIGHT & A MINIMUM OF 5.0 SQ. FT., FOR FIRST FLOOR EGRESS
- ##** NUMBER INDICATES PERFORMANCE GRADE(PG) RATING WITH STANDARD GLAZING.

PICTURE
ELEVATION NOTES

ELEVATION DRAWINGS UTILIZE A LIMITED NUMBER OF PROJECTED LINES TO PRODUCE A RUDIMENTARY DRAWING INTENDED TO BE USED IN A SMALL GRAPHICAL SCALE. ELEVATIONS ARE VIEWED PERPENDICULAR FROM THE EXTERIOR OF THE STRUCTURE. IF MORE DIMENSIONS ARE NEEDED, USE THE SECTION DRAWINGS FOR MORE COMPLETE DEPICTIONS.

PICTURE WINDOW



GENERAL DOUBLE HUNG PICTURE NOTES

1. ALL UNITS SHOWN ARE AVAILABLE AS STATIONARY ONLY.
2. UNIT ELEVATIONS ARE SHOWN WITH BRICKMOULD AND SILLNOSE.
3. DIMENSIONAL VALUES IN BRACKETS ARE MILLIMETER CONVERSIONS.

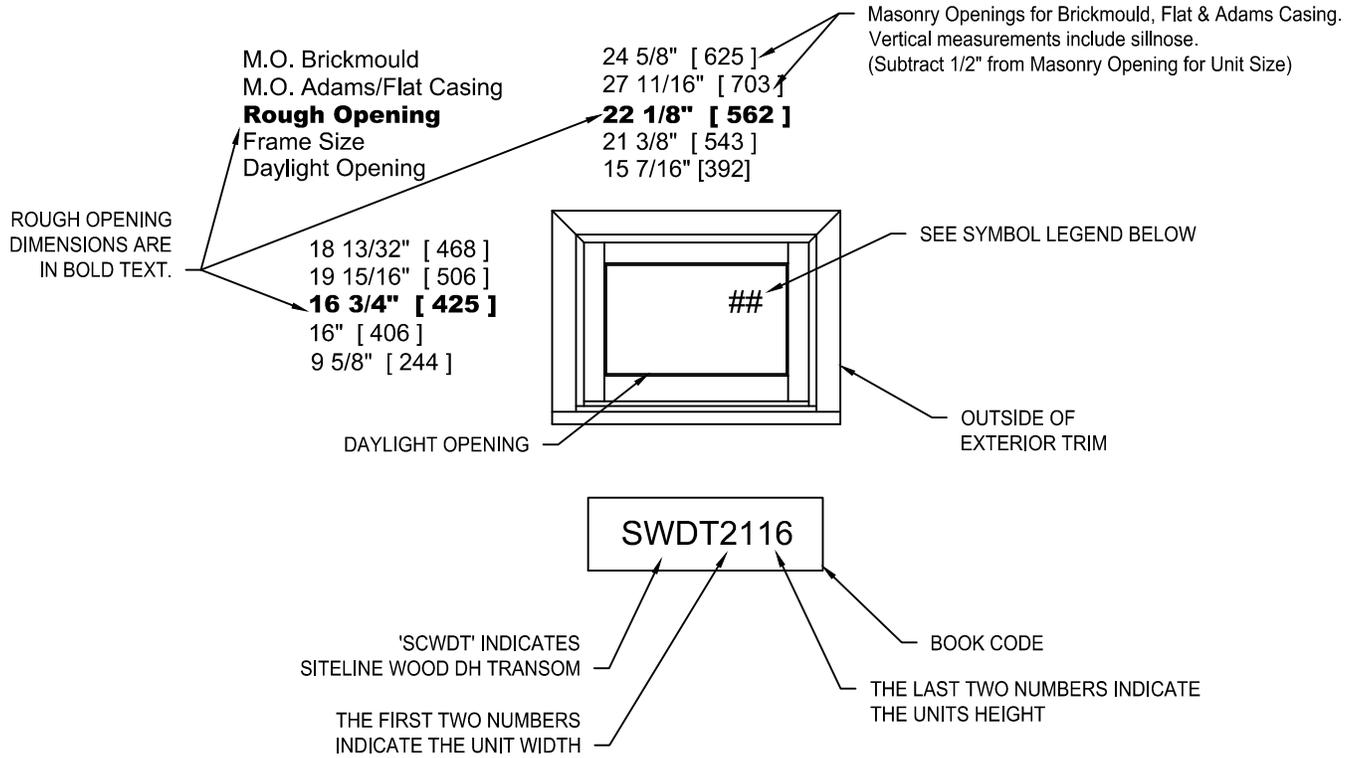
ELEVATION SYMBOL LEGEND:

NUMBER INDICATES PERFORMANCE GRADE(PG) RATING WITH STANDARD GLAZING.

TRANSOM
ELEVATION NOTES

ELEVATION DRAWINGS UTILIZE A LIMITED NUMBER OF PROJECTED LINES TO PRODUCE A RUDIMENTARY DRAWING INTENDED TO BE USED IN A SMALL GRAPHICAL SCALE. ELEVATIONS ARE VIEWED PERPENDICULAR FROM THE EXTERIOR OF THE STRUCTURE. IF MORE DIMENSIONS ARE NEEDED, USE THE SECTION DRAWINGS FOR MORE COMPLETE DEPICTIONS.

TRANSOM WINDOW



GENERAL DOUBLE HUNG TRANSOM NOTES

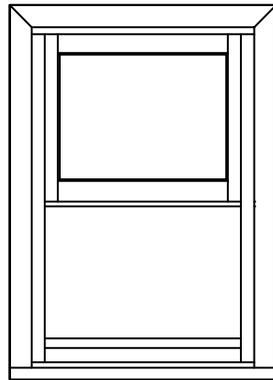
1. ALL UNITS SHOWN ARE AVAILABLE AS STATIONARY ONLY.
2. UNIT ELEVATIONS ARE SHOWN WITH BRICKMOULD & SILLNOSE.
2. DIMENSIONAL VALUES IN BRACKETS ARE MILLIMETER CONVERSIONS.

ELEVATION SYMBOL LEGEND:

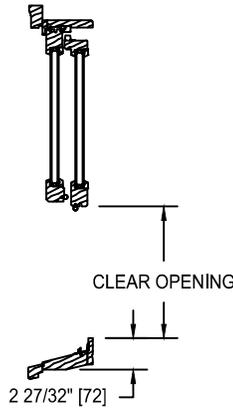
NUMBER INDICATES PERFORMANCE GRADE(PG) RATING WITH STANDARD GLAZING.

CLEAR OPENING

CLEAR OPENING LAYOUT



DOUBLE HUNG WINDOW



DOUBLE HUNG
CLEAR OPENING FORMULA

INTERIOR GLAZED SASH
VERTICAL

$(\text{Frame Height} / 2) - 2 \frac{27}{32}'' = \text{Clear Opening}$

HORIZONTAL

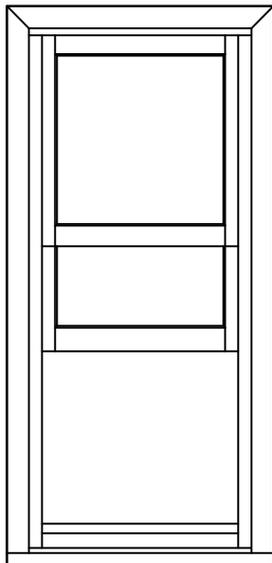
$\text{Frame} - 3 \frac{3}{4}'' = \text{Clear Opening}$

EXTERIOR GLAZED SASH
VERTICAL

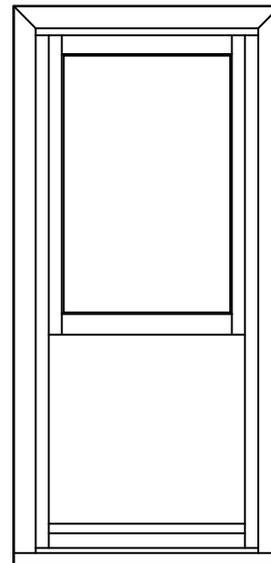
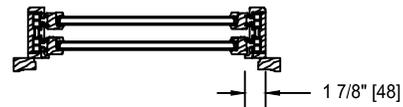
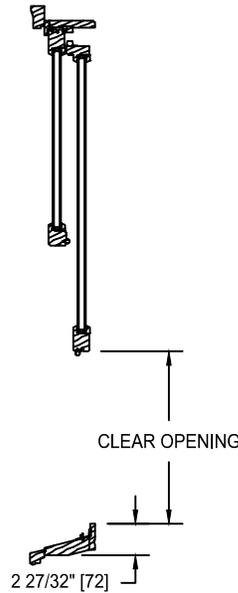
$(\text{Frame Height} / 2) - 2 \frac{27}{32}'' = \text{Clear Opening}$

HORIZONTAL

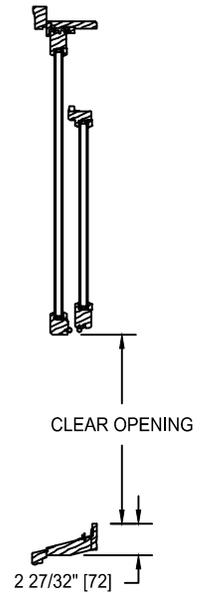
$\text{Frame} - 3 \frac{3}{4}'' = \text{Clear Opening}$



COTTAGE WINDOW



REVERSE COTTAGE WINDOW



COTTAGE & REVERSE COTTAGE

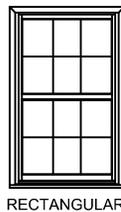
Consult the Design Data Tables for clear opening information. For dimensional units, contact Jeld-Wen - Hawkins Window Division Technical Services Department for Clear Opening information.

LITE CUT OPTIONS

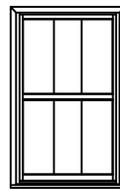
Wood double hung windows are available with removable grilles in 7/8", 1-1/8" and 1-3/8" widths, grilles between glass (GBG), and Simulated Divided Lites. Standard lite cuts are rectangular, and conform to the layouts noted in the charts on the next page. To use the chart, refer to the appropriate table by the type of window and type of bars or grilles the section drawings illustrate. Then simply cross reference the frame Height and Width to determine the standard lite cut.

LITE CUT OPTIONS

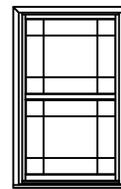
Special lite cut patterns can include a wide variety of straight line and radius patterns. The illustrations shown here represent just a few of the possibilities. Rectangular, horizontal, vertical and Prairie lite patterns are available in all standard size wood double hung windows. Uneven, diamond, radius and Gothic lite cuts are available, subject to approval. Approvals are based on the ability to fulfill the design requirement while maintaining the construction integrity of the finished product.



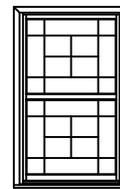
RECTANGULAR



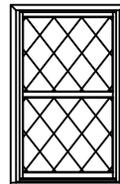
VERTICAL



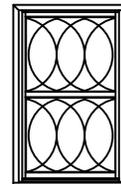
PRAIRIE



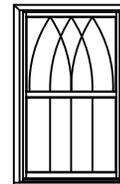
UNEVEN



DIAMOND



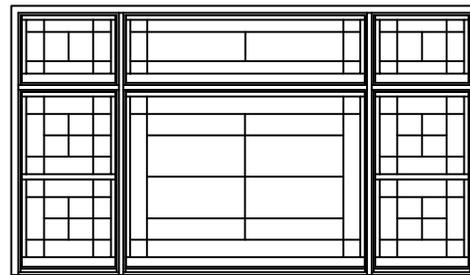
RADIUS



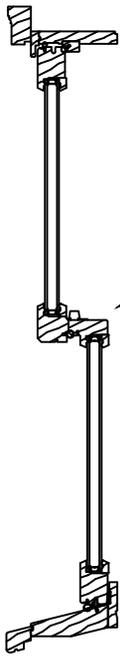
GOthic

BAR ALIGNMENT

Alignment of divided lite muntin bars from one window to the next is often required by fine architectural design. Wood grilles, GBG's, and Simulated Divided Lites may be specified with muntin bars aligned.



OPERATION AND SASH TILT



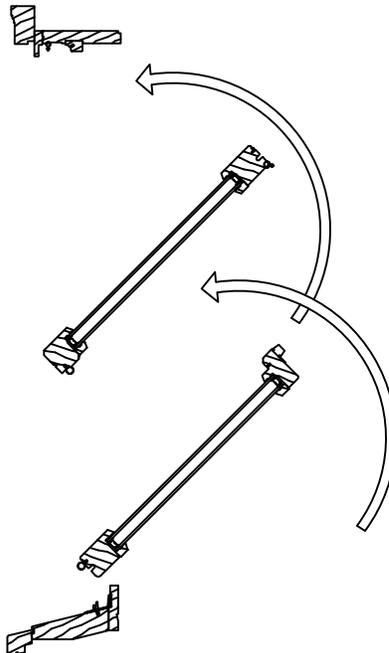
DOUBLE HUNG OPERATION:
When the sash are locked at the check rails the sash are closed and sealed in the sash opening of the frame.

When the sash are unlocked the lower sash travels vertically to any position desired. The upper sash can also be positioned as desired.

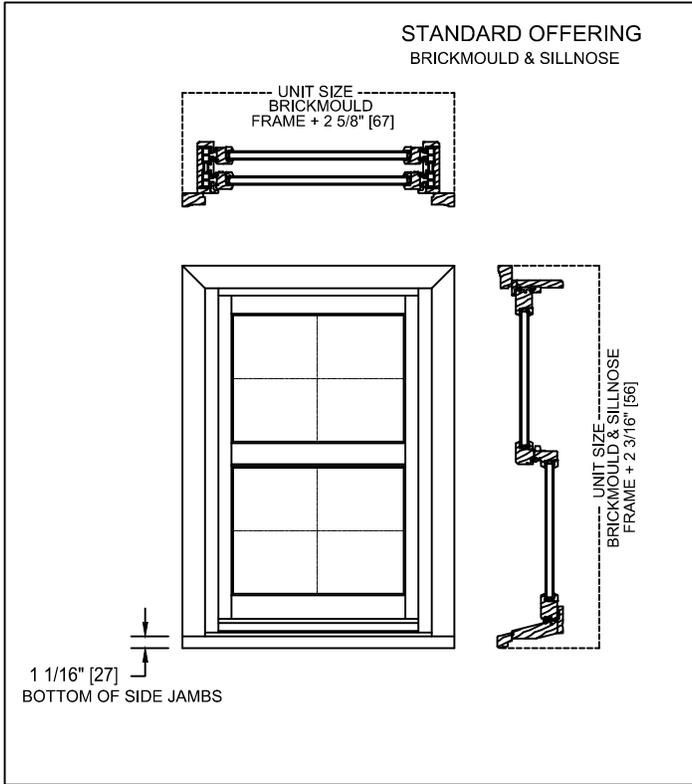


SASH TILTING FOR WASHING

The Premium Double Hung window will allow the sash to be tilted or removed for easy cleaning.



UNIT SIZING



GENERAL NOTES:

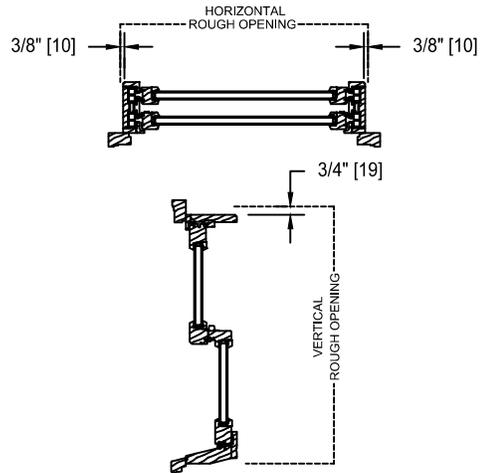
UNIT SIZE IS ALWAYS THE
EXTREME SIZE OF THE WINDOW
WITH OR WITHOUT TRIM AND
DOES NOT INCLUDE NAIL FIN

MASONRY OPENING:

MASONRY OPENING IS ALWAYS 1/2" OVER (HEIGHT AND WIDTH)
THE UNIT SIZE OR THE OUTSIDE EDGE OF THE TRIM
OF THE WINDOW

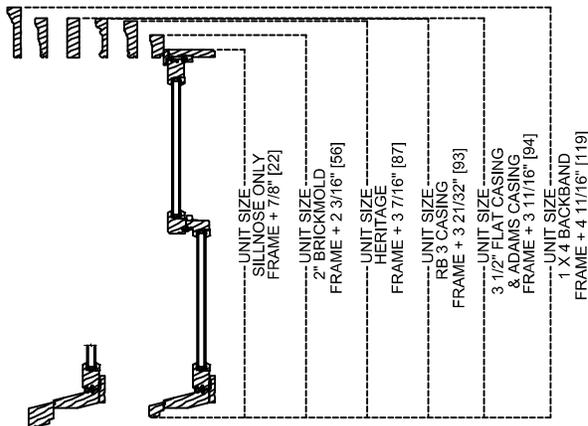
ROUGH OPENING:

ROUGH OPENING IS ALWAYS 3/4" OVER
FRAME SIZE OF THE WINDOW

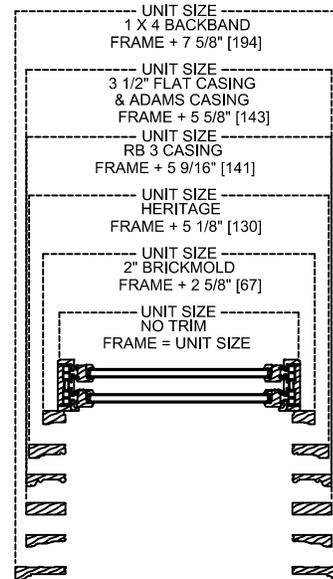


NON-STANDARD UNIT SIZING

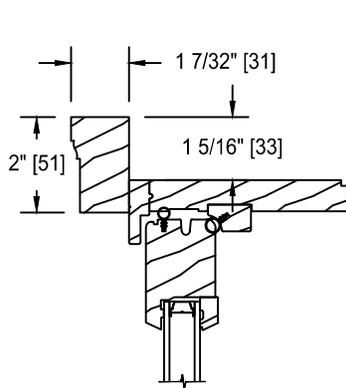
EXTERIOR TRIM OFFERINGS WITH SILL NOSE
EXTERIOR TRIM MUST USE SILL NOSE



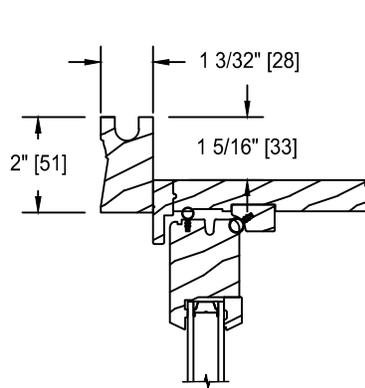
2" SILL NOSING WOULD ADD AN ADDITIONAL
15/16" TO STANDARD UNIT HEIGHT



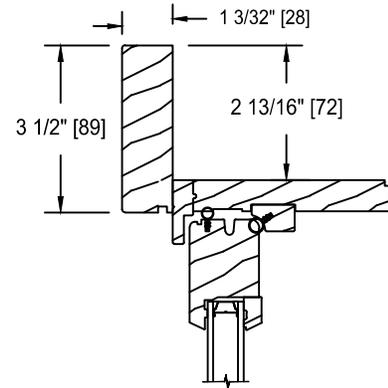
TRIM OPTIONS



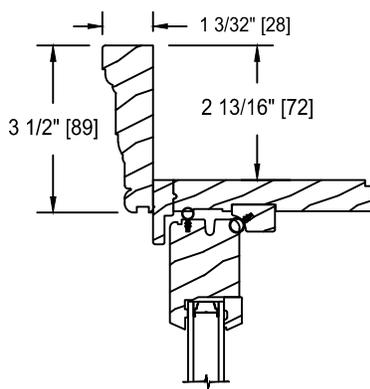
BRICKMOLD



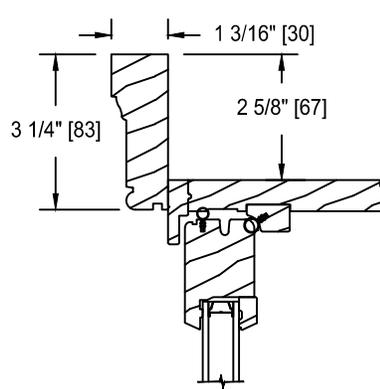
STUCCO BRICKMOULD



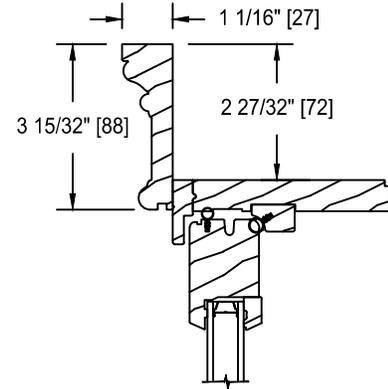
FLAT CASING



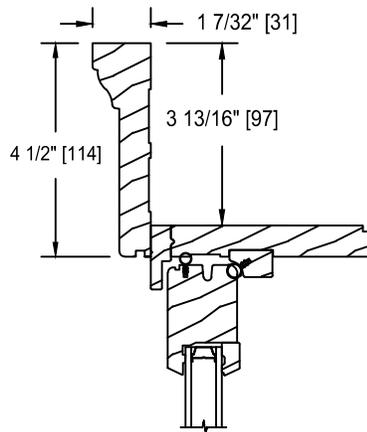
ADAMS CASING



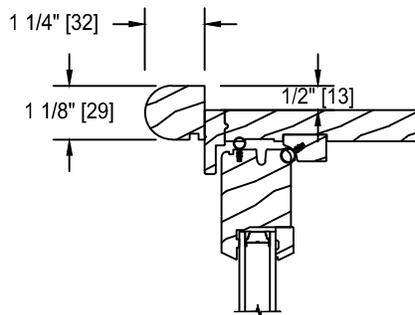
HERITAGE



RB 3 CASING

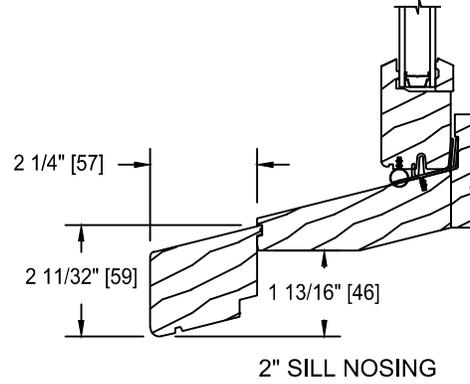
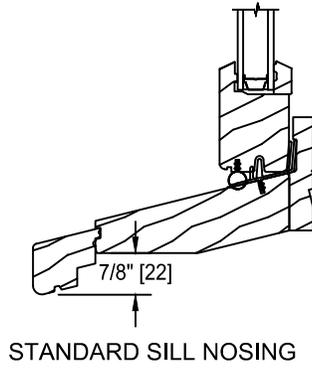


1 X 4 BACKBAND

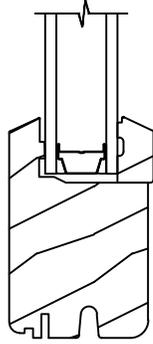


BULLNOSE CASING

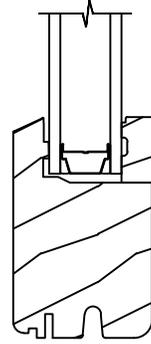
SILL OPTIONS



GLASS STOP OPTIONS

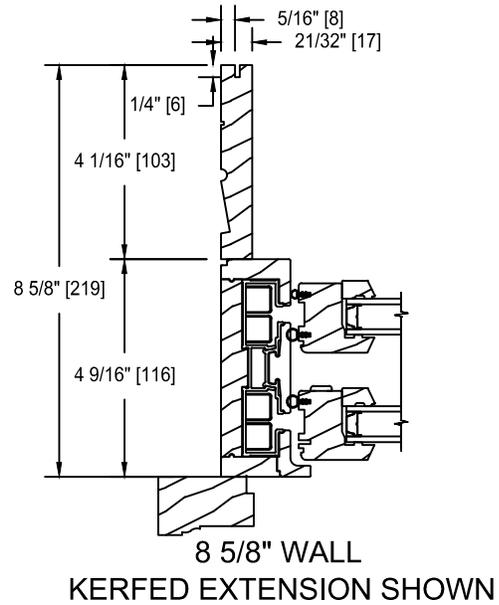
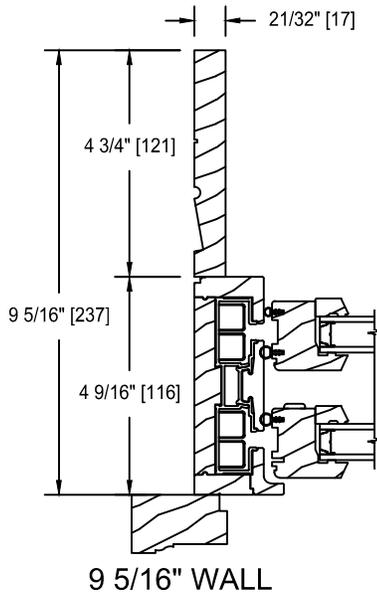
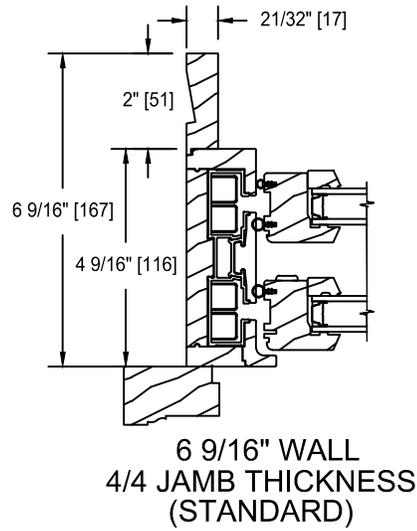
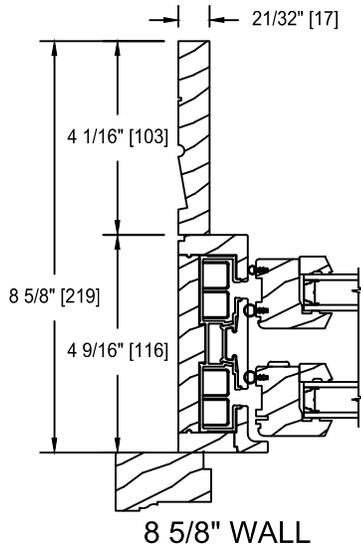


TRADITIONAL

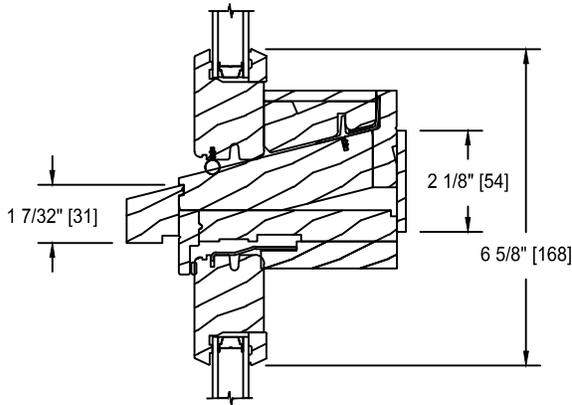


CONTEMPORARY

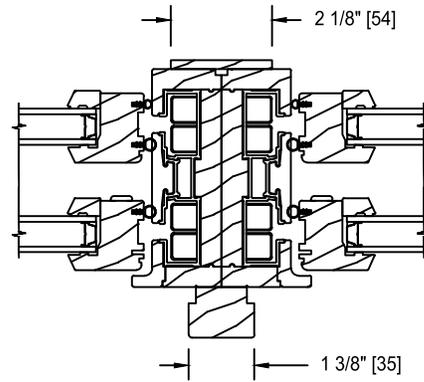
JAMB EXTENDER OPTIONS



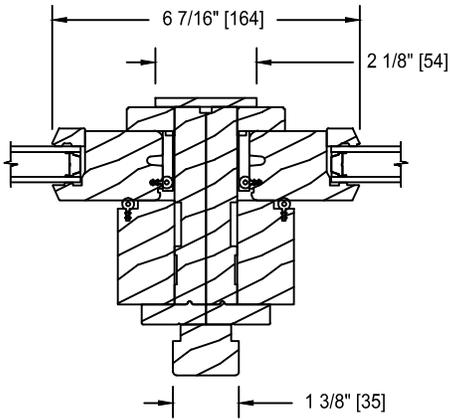
MULLION OPTIONS



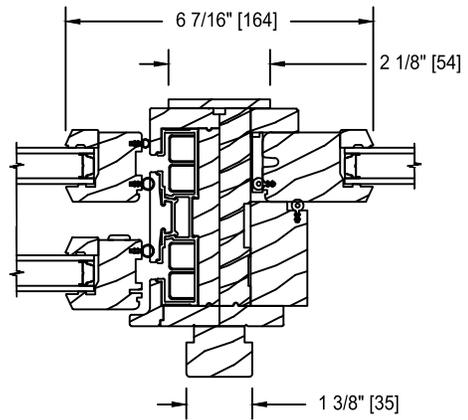
**STATIONARY
OPERATING**



OPERATING / OPERATING

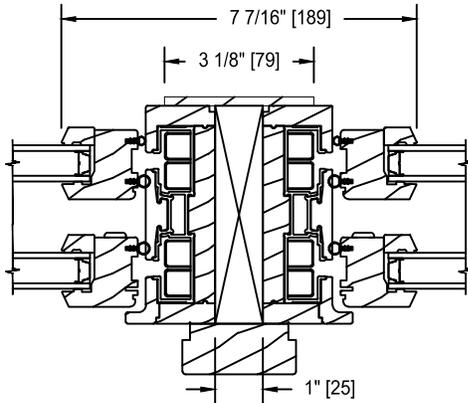


STATIONARY / STATIONARY

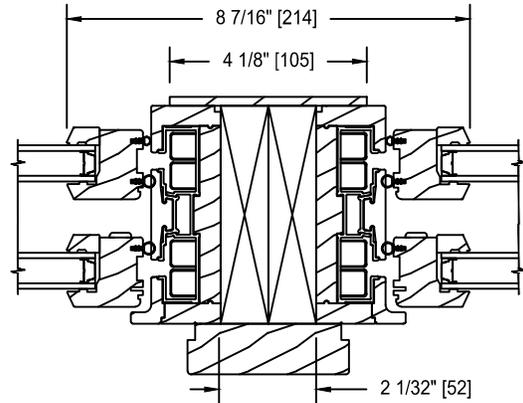


OPERATING / STATIONARY

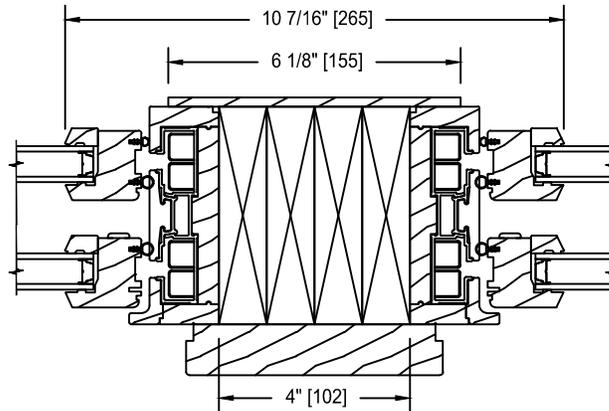
SPREAD MULLION OPTIONS



OPERATING / OPERATING
WITH 1" SOLID SPREAD MULL

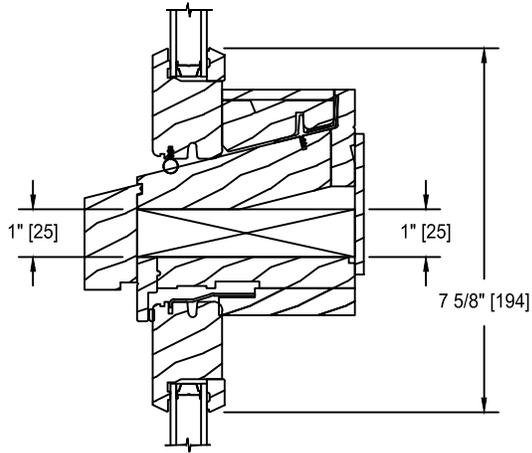


OPERATING / OPERATING
WITH 2" SOLID SPREAD MULL

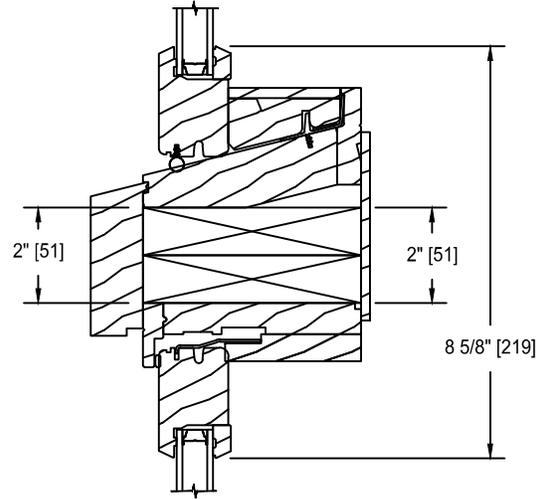


OPERATING / OPERATING
WITH 4" SOLID SPREAD MULL

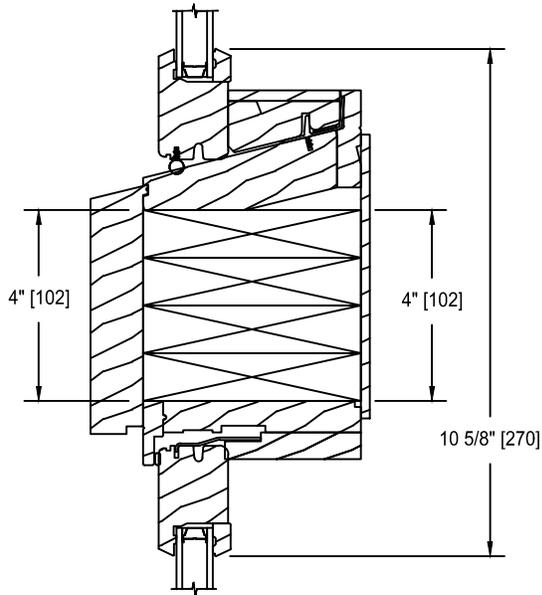
SPREAD MULLION OPTIONS



STATIONARY
OPERATING
WITH 1" SOLID SPREAD MULL



STATIONARY
OPERATING
WITH 2" SOLID SPREAD MULL



STATIONARY
OPERATING
WITH 4" SOLID SPREAD MULL

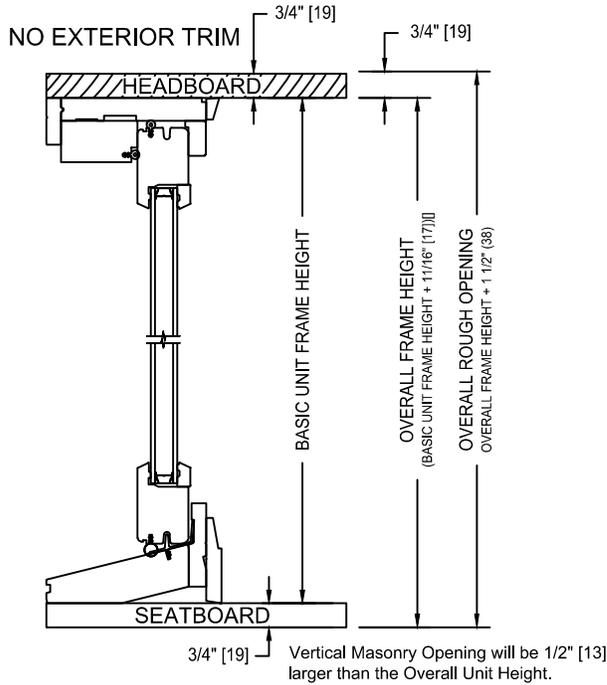
BAY ROUGH OPENING

BAY WINDOW TRIM OPTIONS

The standard offerings for wood double hung bay windows is 'frame only' and brickmould and sillnose. Other trim options subject to approval.

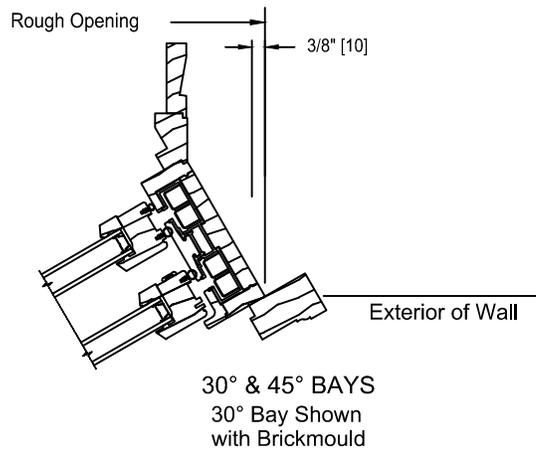
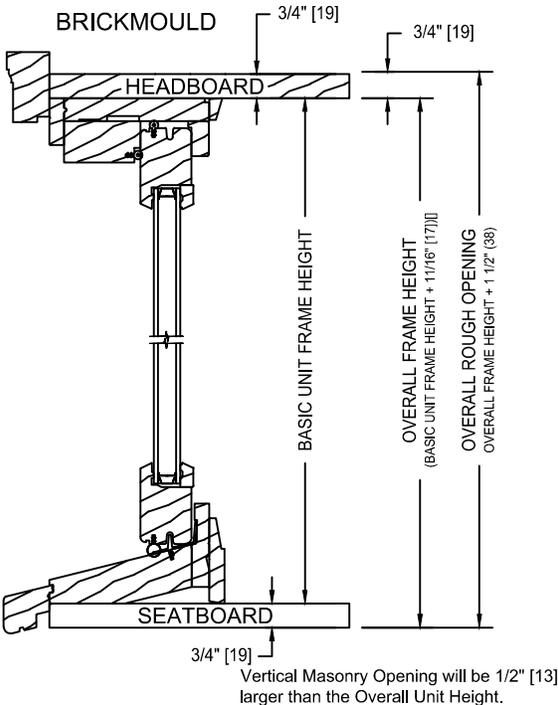
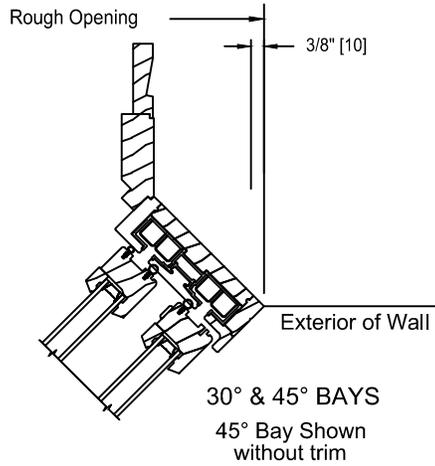
VERTICAL ROUGH OPENING

Rough Opening typical for all Units

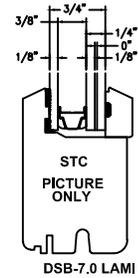
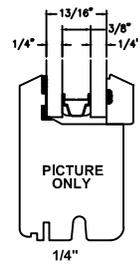
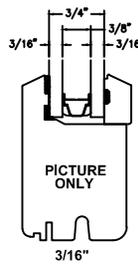
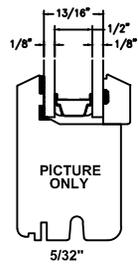
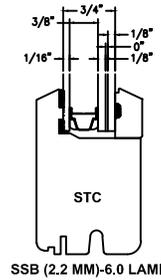
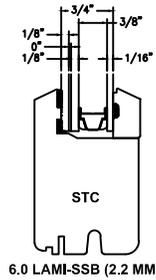
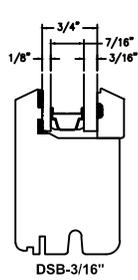
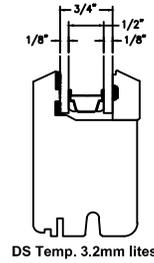
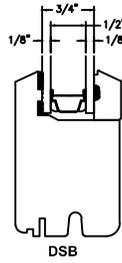
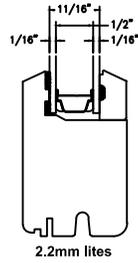


HORIZONTAL ROUGH OPENING

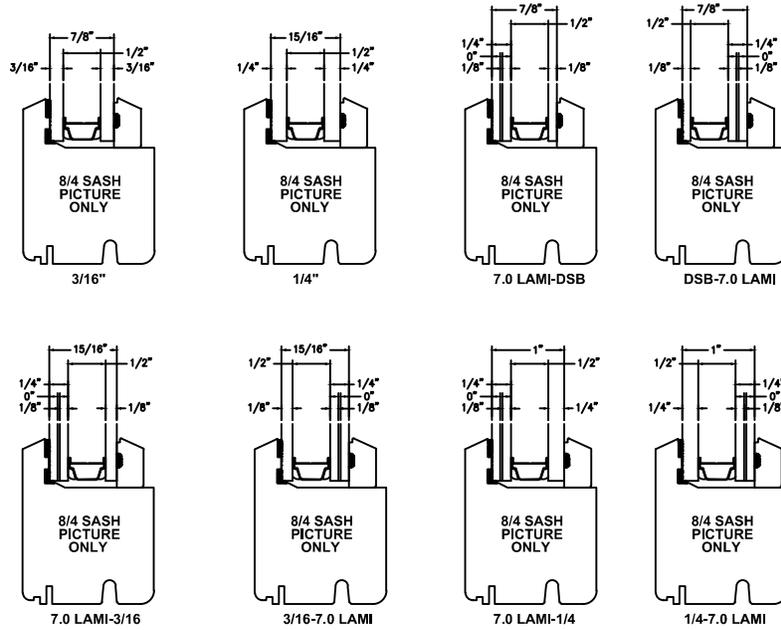
Rough Opening typical for all Units



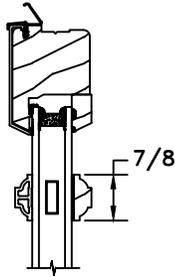
GLAZING OPTIONS



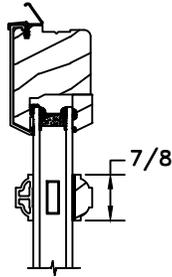
GLAZING OPTIONS



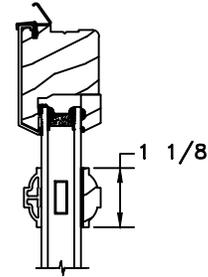
SDL OPTIONS



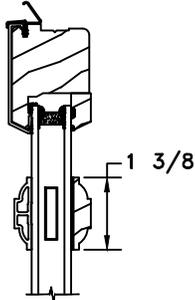
**7/8" BEAD SDL
W/ LIGHT BRONZE
SHADOW BAR**



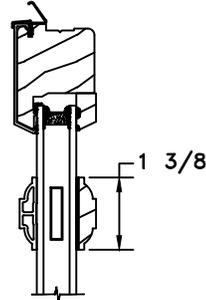
**7/8" BEAD SDL
W/ SILVER
SHADOW BAR**



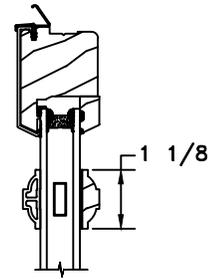
**1 1/8" BEAD SDL
W/ LIGHT BRONZE
SHADOW BAR**



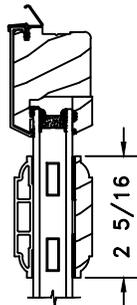
**1 3/8" BEAD SDL
W/ LIGHT BRONZE
SHADOW BAR**



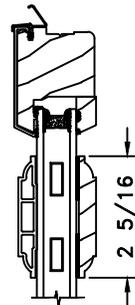
**1 3/8" BEAD SDL
W/ SILVER SHADOW BAR**



**1 1/8" BEAD SDL
W/ SILVER SHADOW BAR**

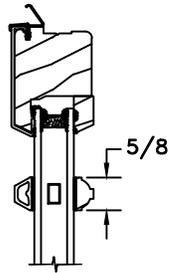


**2-5/16" BEAD SDL
W/ LIGHT BRONZE
SHADOW BAR**

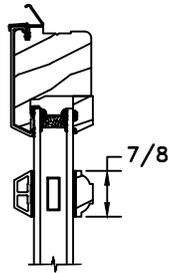


**2-5/16" BEAD SDL
W/ SILVER SHADOW BAR**

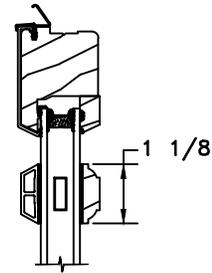
SDL OPTIONS



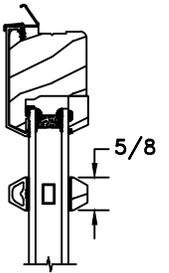
5/8" PUTTY SDL



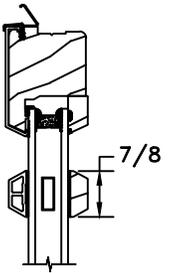
7/8" PUTTY SDL



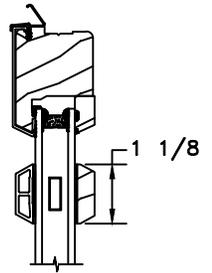
1 1/8" PUTTY SDL



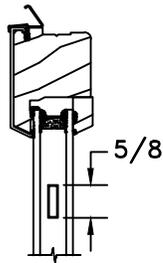
5/8" PUTTY SDL



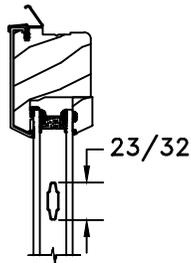
7/8" PUTTY SDL



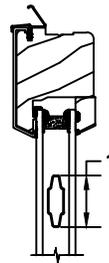
1 1/8" PUTTY SDL



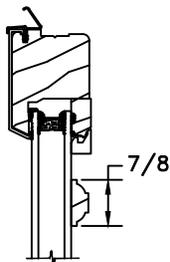
5/8" GBG



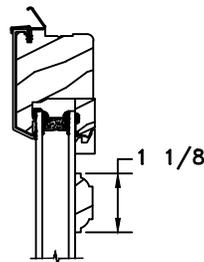
23/32" CONTOUR
GBG



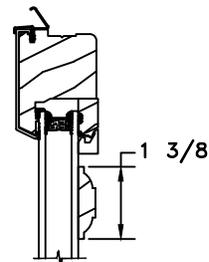
W/ 1" CONTOUR
GBG



FULL SURROUND
7/8" WOOD GRILLE

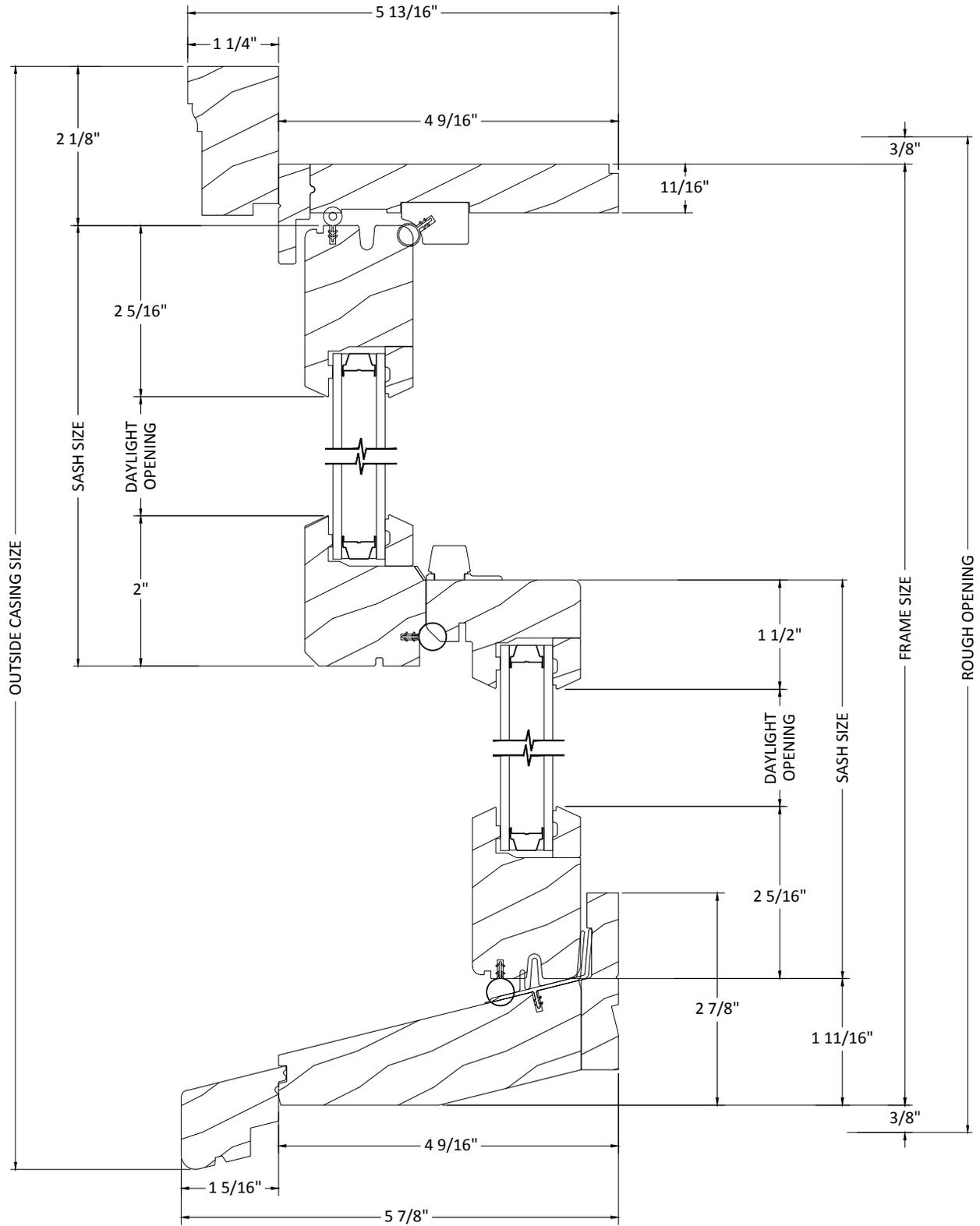


FULL SURROUND
1 1/8" WOOD GRILLE

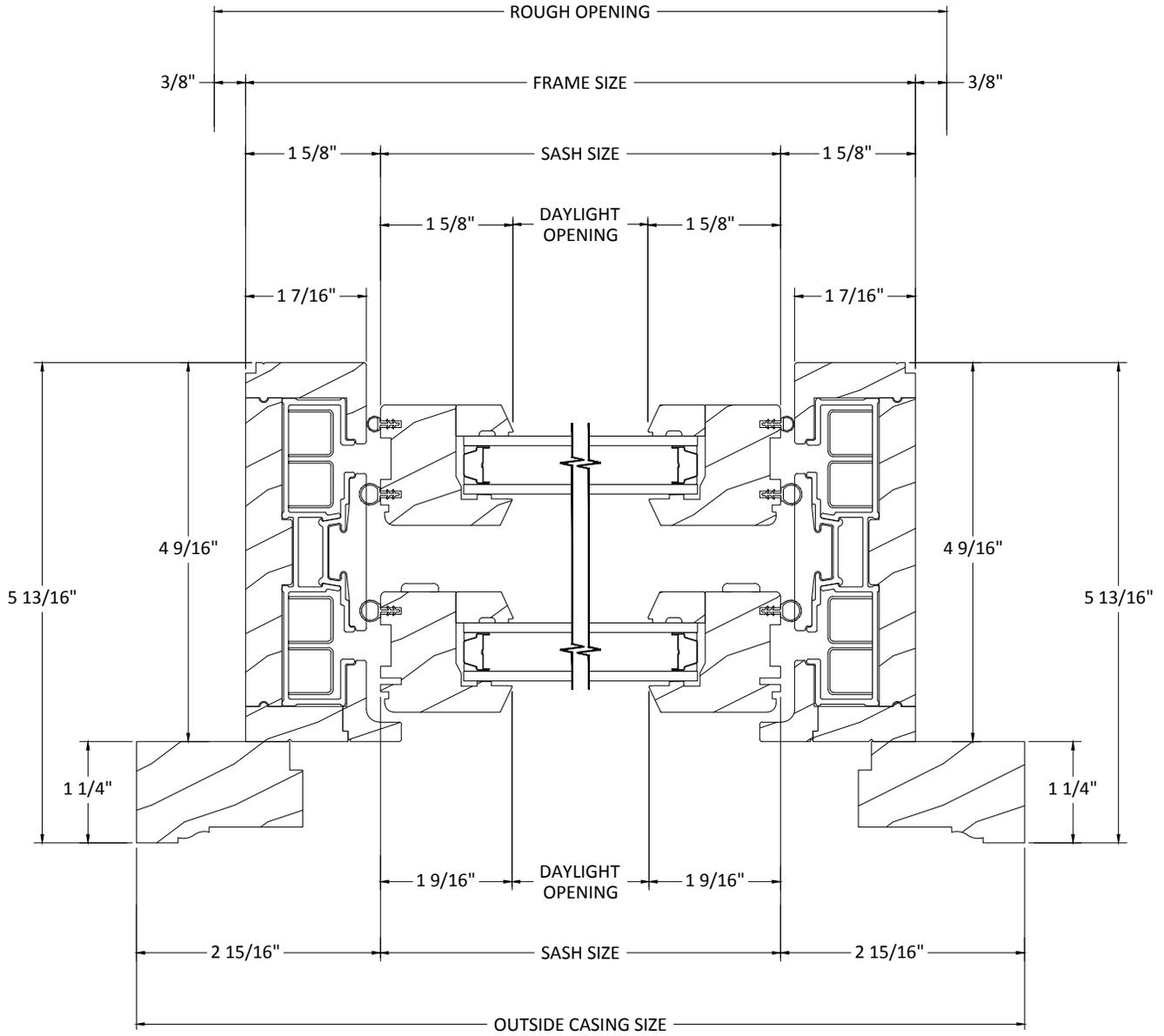


FULL SURROUND
1 3/8" WOOD GRILLE

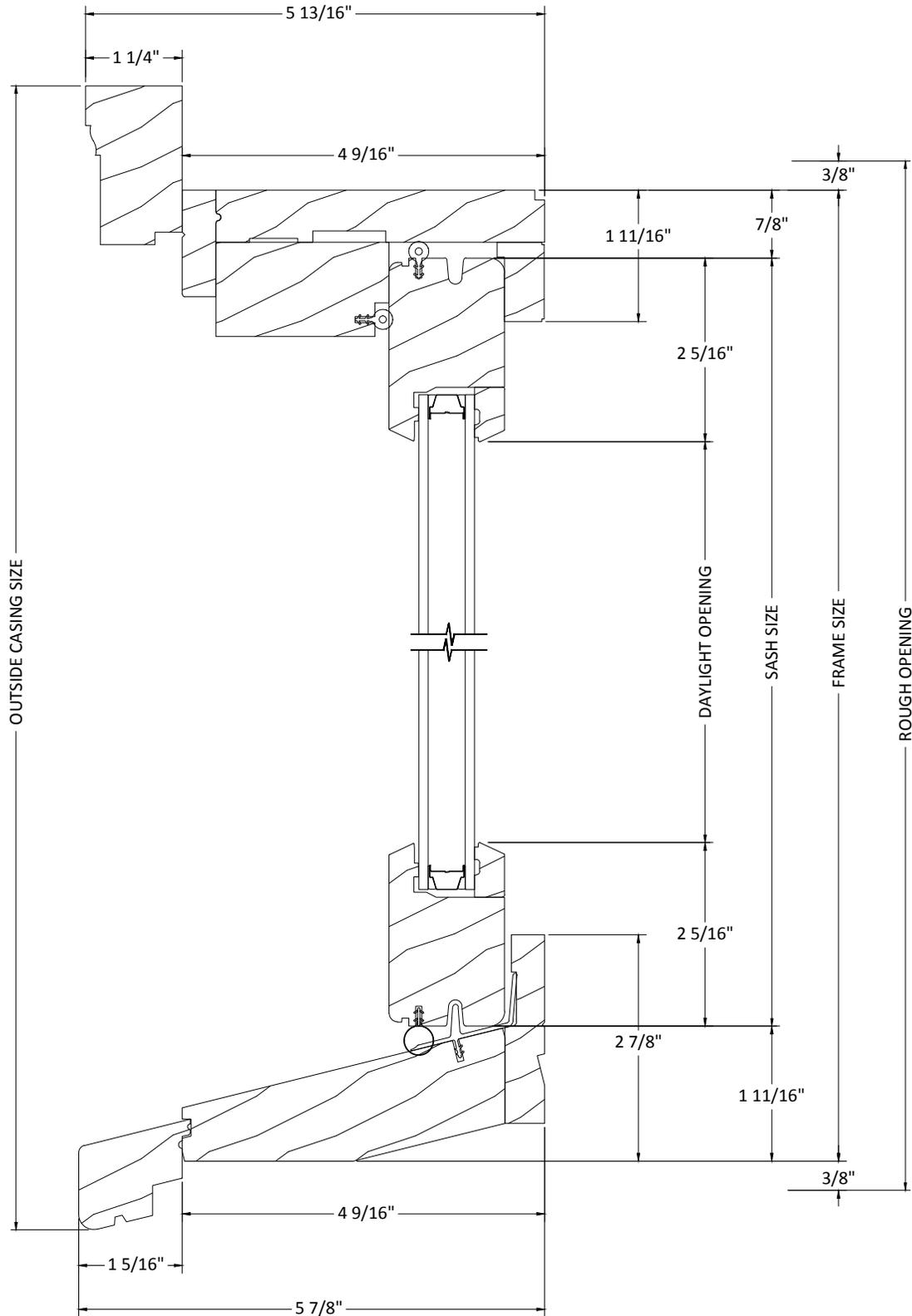
VERTICAL SECTION
DOUBLE HUNG OPERATOR



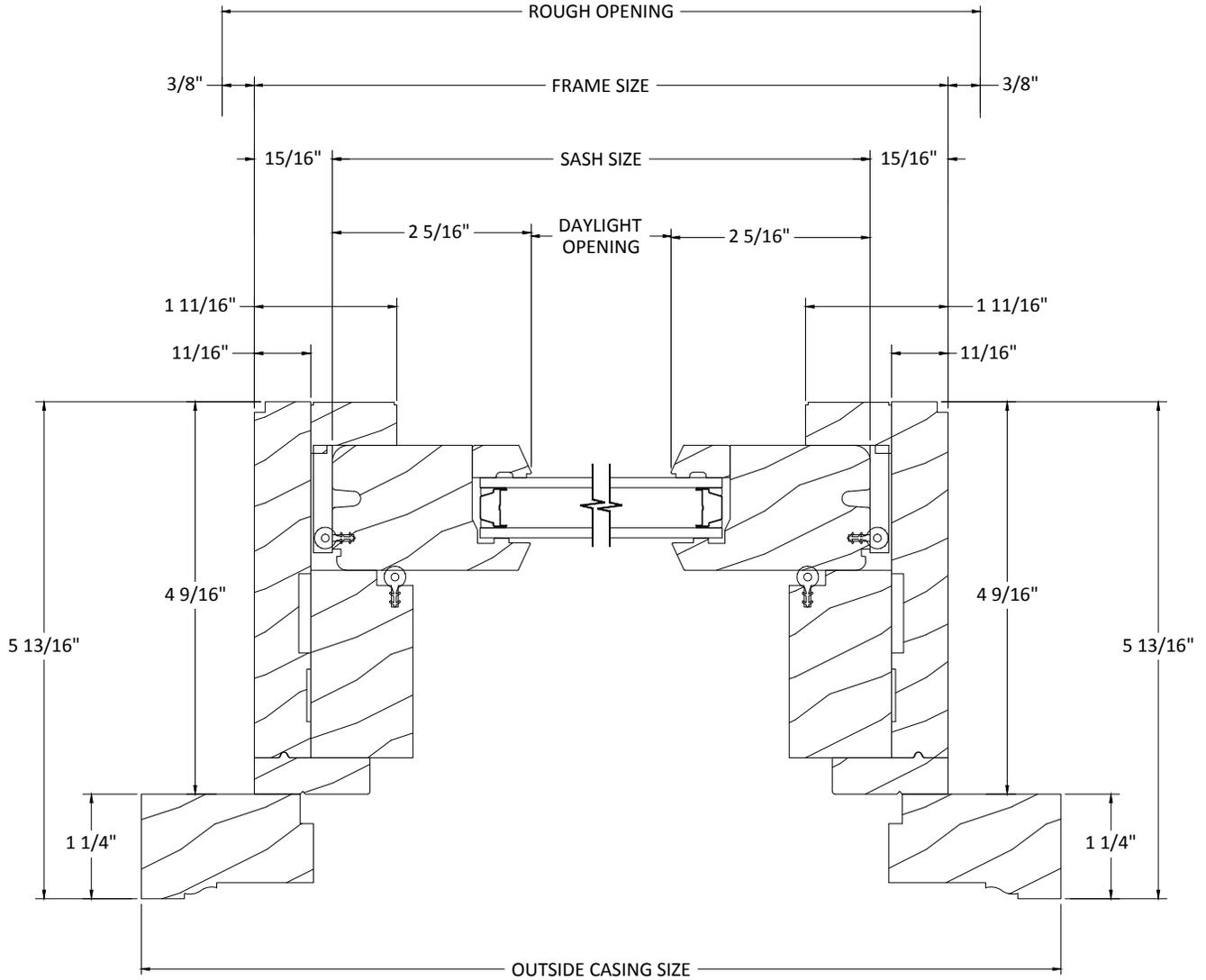
HORIZONTAL SECTION
DOUBLE HUNG OPERATOR



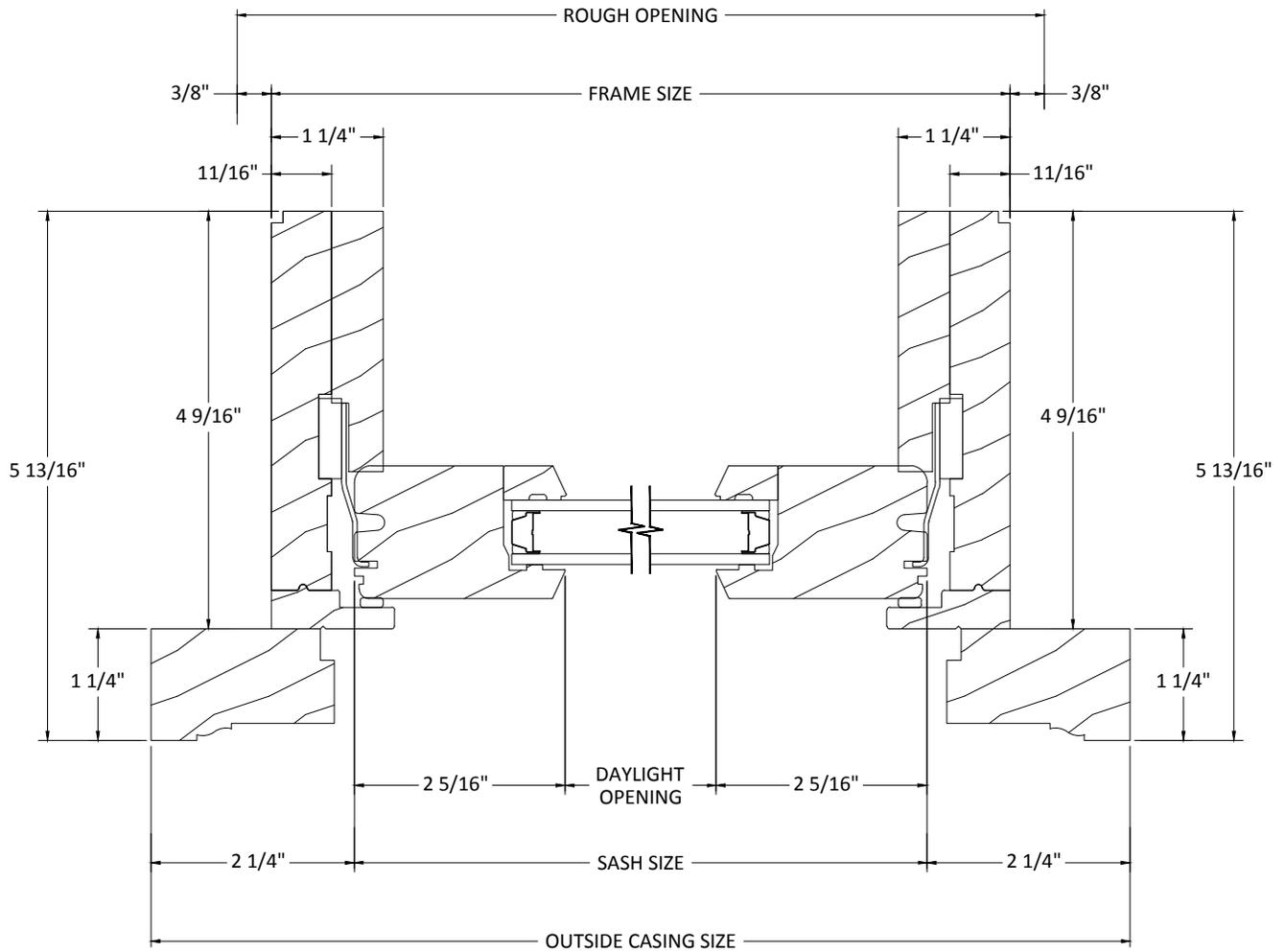
VERTICAL SECTION
DOUBLE HUNG PICTURE



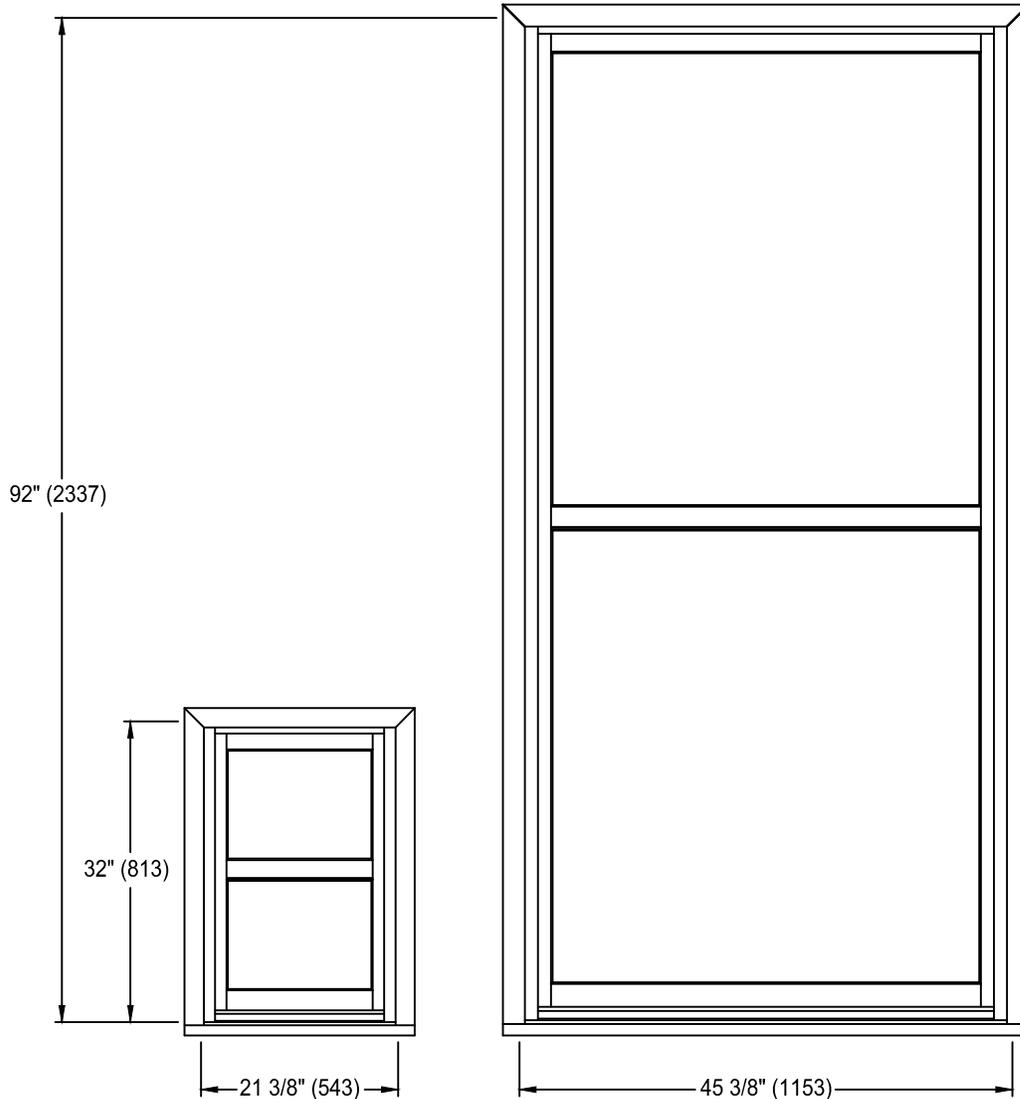
HORIZONTAL SECTION
DOUBLE HUNG PICTURE



HORIZONTAL SECTION
DOUBLE HUNG TRANSOM



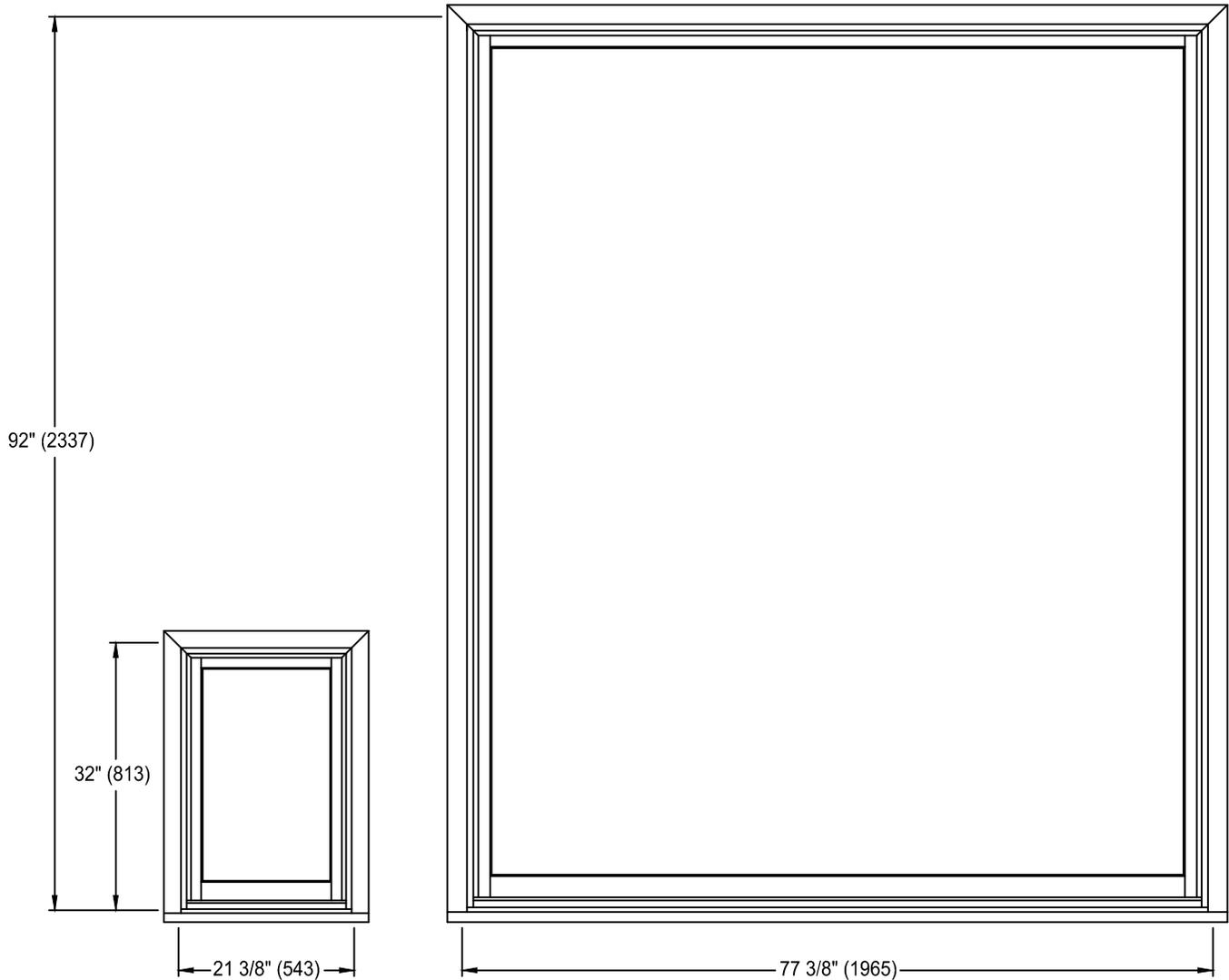
MIN-MAX SIZING



Standard widths for the Siteline Wood Double Hung:
21 3/8"(453mm), 25 3/8"(645mm), 29 3/8"(670mm), 31 3/8"(797mm), 33 3/8"(848mm),
37 3/8"(949mm), 41 3/8"(1051mm), 45 3/8"(1153mm).

Standard heights for the Siteline Wood Double Hung:
32"(813mm), 36"(914mm), 40"(1016mm), 44"(1118mm), 48"(1219mm),
52"(1321mm), 56"(1422mm), 60"(1524mm), 64"(1626mm), 68"(1727mm),
72"(1829mm), 76"(1930mm), 80"(2032mm), 88"(2235mm), 92"(2337mm).

MIN-MAX SIZING



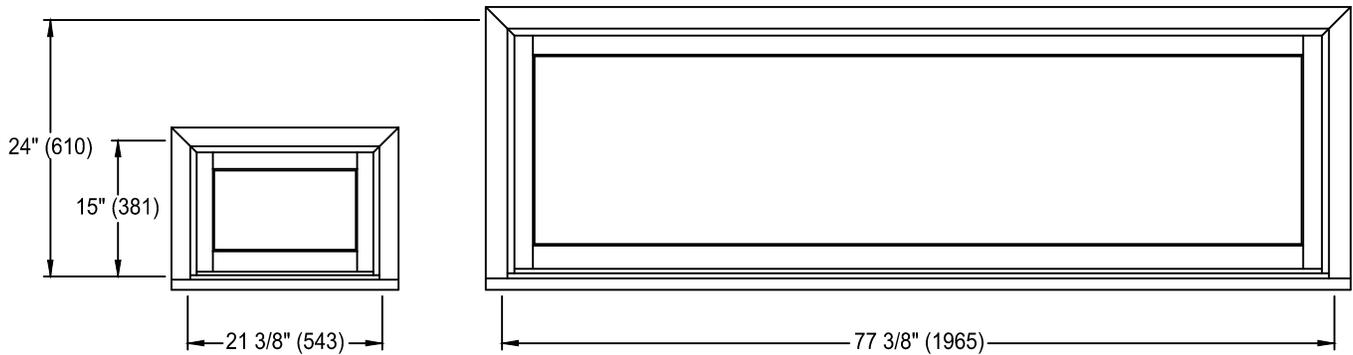
Standard widths for the Sitrine Wood Double Hung Picture:

21 3/8"(453mm), 25 3/8"(645mm), 29 3/8"(670mm), 31 3/8"(797mm), 33 3/8"(848mm),
37 3/8"(949mm), 41 3/8"(1051mm), 45 3/8"(1153mm), 49 3/8"(1254), 53 3/8"(1356),
61 3/8"(1559), 69 3/8"(1762), 77 3/8"(1965).

Standard heights for the Sitrine Wood Double Hung Picture:

32"(813mm), 36"(914mm), 40"(1016mm), 44"(1118mm), 48"(1219mm),
52"(1321mm), 56"(1422mm), 60"(1524mm), 64"(1626mm), 68"(1727mm),
72"(1829mm), 76"(1930mm), 80"(2032mm), 88"(2235mm), 92"(2337mm).

MIN-MAX SIZING



Standard widths for the Sitrine Wood Double Hung Transom:
21 3/8"(453mm), 25 3/8"(645mm), 29 3/8"(670mm), 31 3/8"(797mm), 33 3/8"(848mm),
37 3/8"(949mm), 41 3/8"(1051mm), 45 3/8"(1153mm), 49 3/8"(1254mm), 53 3/8"(1356mm),
61 3/8"(1559mm), 69 3/8"(1762mm), 77 3/8"(1965mm).

Standard heights for the Sitrine Wood Double Hung Transom:
15"(381mm), 18"(457mm), 24"(610mm).