

Christ Church Episcopal Parish Hall Renovation & Restroom Addition

21 Aurora St, Hudson, OH 44236

levelHEADS PROJECT#: 2002

ARCHITECT OF RECORD:
levelHEADS, Inc.
6925 CHADBOURNE DR
VALLEY VIEW, OH 44125
216-308-9178

MEP ENGINEER:
CJL Engineering
10444 N Meridian Road - Suite B
Youngstown, OH 44509
330.746.1360

STRUCTURAL ENGINEER:
THP Limited Inc.
812 Huron Rd
Cleveland, OH 44115
216.553.4973

CODE DATA:

CITY: Hudson
AREA OF CONSTRUCTION: - SF
OCCUPANT LOAD: - Occupants
USE GROUP:
CONST. TYPE: Existing
SPRINKLER SYSTEM:
BUILDING CODES: 2017 Ohio Building Code
Ohio Mechanical Code
Ohio Plumbing Code
National Electrical Code
ICC A117-2009 Accessible and Useable Bldgs and Facilities

PROJECT DESCRIPTION:

THE EXTERIOR SCOPE OF THE PROJECT INCLUDES A 850 SF RESTROOM ADDITION THAT WILL MATCH THE EXISTING WEST BUILDING ELEVATION IN PAINTED MASONRY AND WILL EXTEND THE ROOF SLOPE TO NEW GUTTER AND DOWNSPOUT SYSTEM. THE EXISTING NORTH EXTERIOR STAIR WILL BE REPLACED TO THE WEST DIRECTLY CONNECTED TO NEW ADDITION. A CLERESTORY WINDOW WILL BE ADDED TO THE WEST FAÇADE OF THE PARISH HALL TO BRING IN NATURAL LIGHT AND MATCH NEW CLERESTORY ON EAST SIDE OF BUILDING.

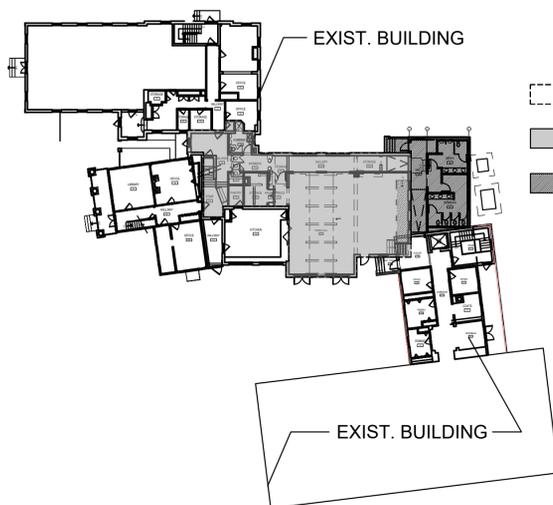
THE EAST SIDE OF THE PARISH HALL WILL MODERNIZE WITH A NEW WINDOW WALL SYSTEM AT GRADE INCLUDING A PAIR OF FRENCH DOORS WITH TRANSOM WINDOWS AND CLERESTORY ABOVE. THE PARISH WANTS TO INCREASE DAYLIGHT INTO THE MAIN HALL WHILE PROVIDING VISIBILITY AND ACCESS INTO THE GARDEN SPACE FOR GATHERINGS AND LEISURE. A NEW EXTERIOR DOOR AND STAIR WILL BE PROVIDED FOR EGRESS REQUIREMENTS FROM AND ACCESS AROUND MAIN HALL. AN EXISTING EXTERIOR DOOR WILL BE REPLACED TO MATCH NEW WINDOW WALL STYLES. DEMOLITION OF TWO WINDOWS IN GABLE FAÇADE TO ACCEPT WINDOW WALL AND STRUCTURAL SUPPORTS ARE INCLUDED. NEW GABLE LOUVRE WILL BE PROVIDED TO REPLACE EXISTING AND WORK WITH NEW CEILING PLENUM SPACE CREATED BY INTERIOR RENOVATION WORK.

DRAWING INDEX:

- | | | |
|--|-------------------------------------|---|
| <input checked="" type="checkbox"/> G101 | TITLE SHEET | <input checked="" type="checkbox"/> ELECTRICAL |
| <input type="checkbox"/> G201 | GENERAL NOTES / WALL TYPES | <input checked="" type="checkbox"/> FIRE PROTECTION |
| <input checked="" type="checkbox"/> C100 | SITE PLAN | |
| <input type="checkbox"/> AD101 | ARCH DEMOLITION PLAN | |
| <input type="checkbox"/> A100 | ROOF PLAN | |
| <input checked="" type="checkbox"/> A101 | ARCHITECTURAL FLOOR PLAN | |
| <input type="checkbox"/> A201 | REFLECTED CEILING PLAN | |
| <input checked="" type="checkbox"/> A301 | ENLARGED TOILET ROOM PLAN | |
| <input checked="" type="checkbox"/> A401 | EXTERIOR ELEVATIONS - EXIST. PHOTOS | |
| <input type="checkbox"/> A501 | BUILDING SECTIONS | |
| PLUMBING | | |
| MECHANICAL | | |



Christ Church Episcopal
21 Aurora St
Hudson, OH 44236



- Area of Work - 3,800± sf.
- Interior Renovation - 2,950 sf.
- Restroom Addition - 850 sf.

1 LOCATION MAP
G101 NTS

AREA OF WORK
NTS

Revisions	Date

ARCHITECT/ENGINEERS:

levelHEADS architects+integrators

CJL ENGINEERING

STAMP

PROJECT:
**Christ Church Episcopal
Parish Hall Renovation & Restroom Addition**
21 Aurora St, Hudson, OH 44236



Drawing Title
TITLE SHEET

Scale
NTS

Date
04.14.20

Checked

Drawn
MAP

Drawing Number
G101

Dwg. 01 of 05



levelHEADS







19 AURORA STREET

Christ Church Episcopal

3



1930

A Colonial Revival wood clapboard church built in 1930, patterned after the 1853 St. Christopher's-by-the-River church in Gates Mills, Ohio. The first Episcopal Church in Hudson, a wood Gothic Revival, was built on this site in 1846 and demolished to make way for the present structure. The bell from the original church is still in use.

The first Episcopalians, led by Henry O'Brien, Frederick Brown and Anson A. Brewster, gathered together in the College Chapel (113) and later in the Brewster Store (1). The church was formally organized in 1842.



1846

21 AURORA STREET

⦚ Isham Beebe House 1834

The only prostyle Greek temple building in Hudson, built by architect builder Leander Starr (1). The full pediment is supported by four Greek Ionic columns. The side wing is original, with the porch in antis now enclosed. The entryway and windows on the front facade were Victorianized in the 1870s (246). Original Greek Revival elements are evidenced in the interior in the moldings, window and door framing and in one mantel. A window in the basement is said to have been recycled from the 1846 Gothic Revival Episcopal Church. The staircase is original, with soffit design from Owen Biddle's *The Young Carpenter's Assistant*, 1805, plate 31.

Built for Warren Isham, who came to Hudson in 1828 and edited *The Western Intelligencer*, later *Observer and Telegraph*.

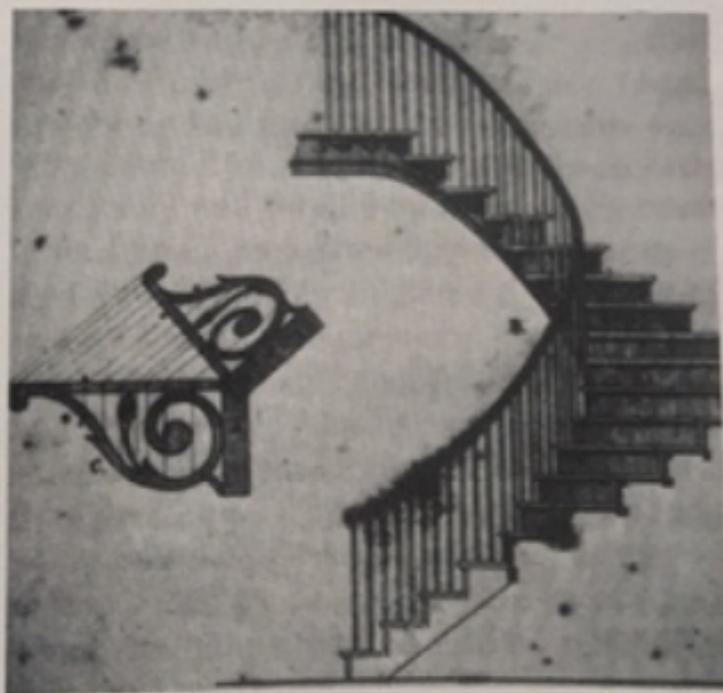
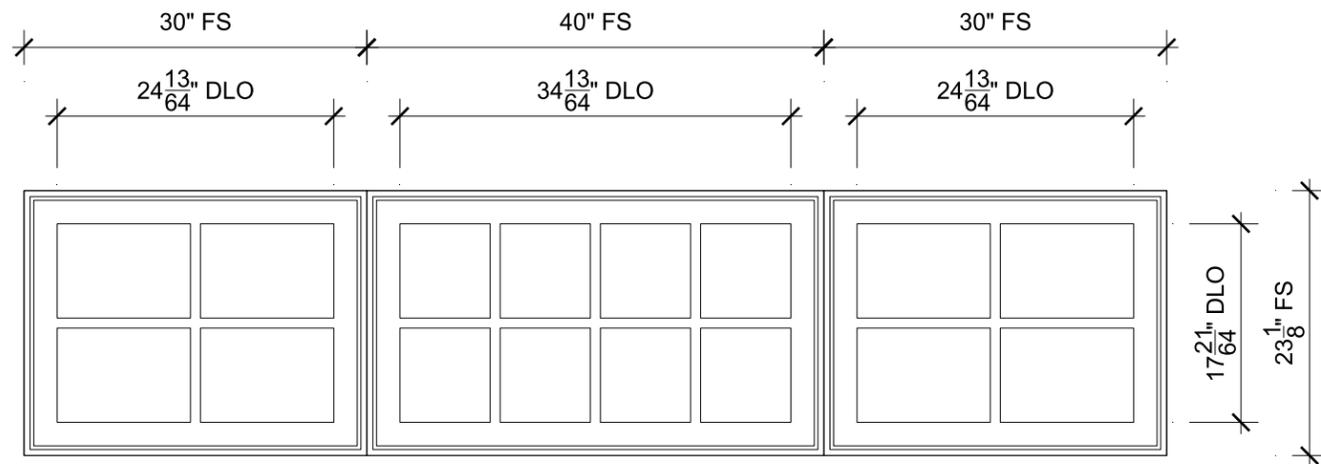


Plate 31



EAST/WEST UPPER GABLES
SCALE: 3/4" = 1'-0"

SPECIFICATIONS

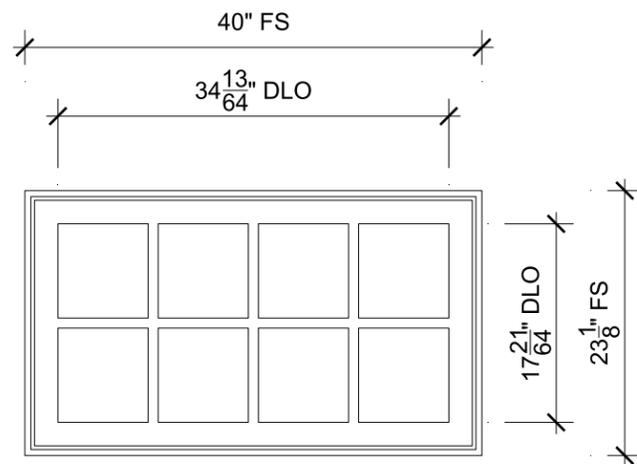
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 Qty: 3
 Mark Unit: EAST/WEST UPPER GABLES
 Product Line: Ultimate
 Unit Description: Marvin Assembly
 Frame Size: 100" X 23 1/8"
 Exterior Finish: Stone White
 Species: Pine
 Interior Finish: Painted Interior Finish - White
 Unit Type: Awning, Stationary
 Glass Information: IG - 3/4", Low E2 w/Argon, Stainless
 Divider Type: 7/8" Rectangular SDL W/ Spacer - Stainless
 Hardware Type: None
 Hardware Color: None
 Jamb Depth: Standard Jamb, 6 9/16"

FOR DESIGN INTENT ONLY, NOT FOR MANUFACTURE.



ORDERING PRODUCTS WITH REFERENCE TO SHOP DRAWINGS:
 Before ordering the Marvin products illustrated within these shop drawings, a copy of these drawings accompanied by an approved signature of the purchaser must be returned to the Architectural Division at Marvin Windows & Doors, P.O. Box 100, Warrond, Minnesota 55763. If the Marvin products included herein are ordered without reference to the approved shop drawings, Marvin Windows and Doors assumes no responsibility in guaranteeing product coordination with the drawings.

PROJ/JOB: CHRIST CHURCH EPISCOPAL / REVISED 5.07.2020
 DIST/DEALER: PROGRESSIVE BUILDING SUPPLY
 DRAWN: PATRICK MCENTEE
 QUOTE#: 35K4GDW PK VER:0003.02.01 CREATED: 05/07/2020 REVISION:



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

SPECIFICATIONS

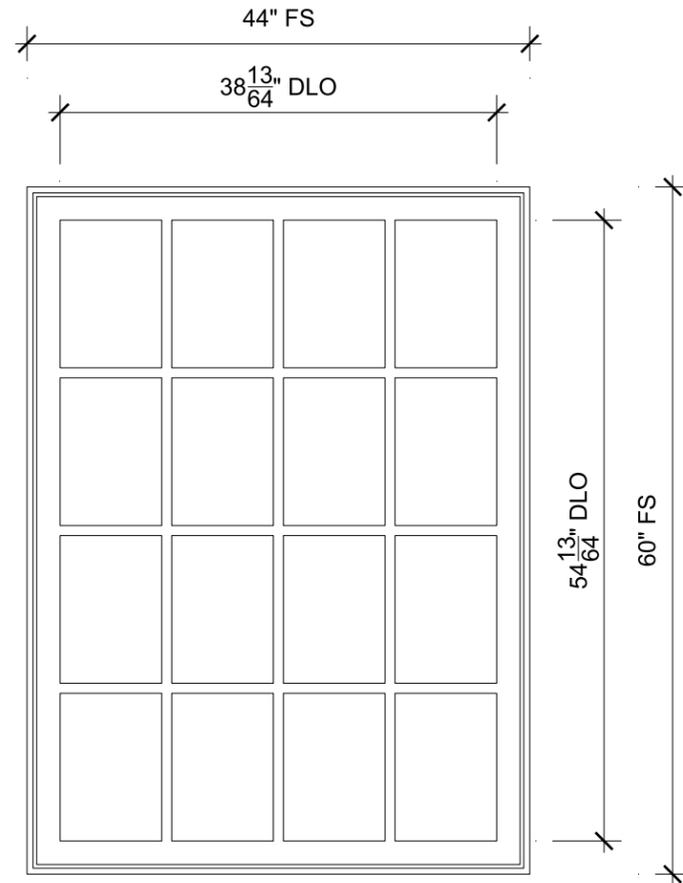
Line #: 2
 Qty: 1
 Mark Unit: NORTH
 Product Line: Ultimate
 Unit Description: Awning
 Frame Size: 40" X 23 1/8"
 Exterior Finish: Stone White
 Species: Pine
 Interior Finish: Painted Interior Finish - White
 Unit Type: Awning, Stationary
 Glass Information: IG - 3/4", Low E2 w/Argon, Stainless
 Divider Type: 7/8" Rectangular SDL W/ Spacer - Stainless
 Hardware Type: None
 Hardware Color: None
 Jamb Depth: Standard Jamb, 6 9/16"

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

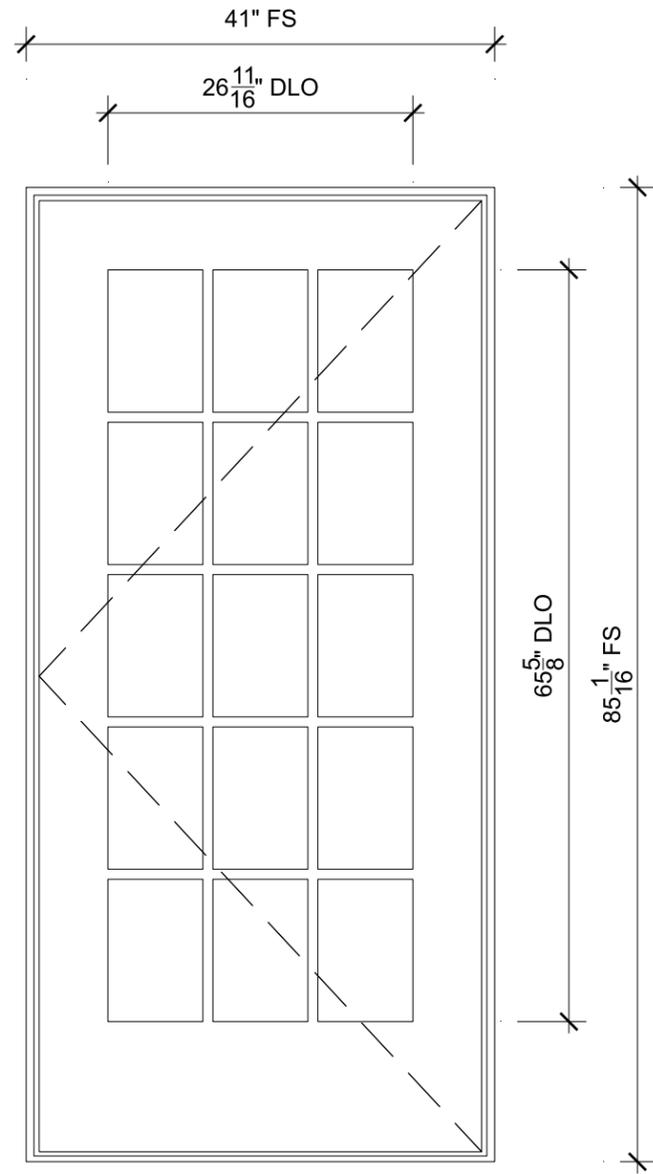
SPECIFICATIONS

Line #: 3
 Qty: 1
 Mark Unit: WEST
 Product Line: Ultimate
 Unit Description: Casement
 Frame Size: 44" X 60"
 Exterior Finish: Stone White
 Species: Pine
 Interior Finish: Painted Interior Finish - White
 Unit Type: Casement, Stationary
 Glass Information: IG - 3/4", Low E2 w/Argon, Stainless
 Divider Type: 7/8" Rectangular SDL W/ Spacer - Stainless
 Hardware Type: None
 Hardware Color: None
 Jamb Depth: Standard Jamb, 6 9/16"

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EAST NEW DOOR
SCALE: 3/4" = 1'-0"

SPECIFICATIONS

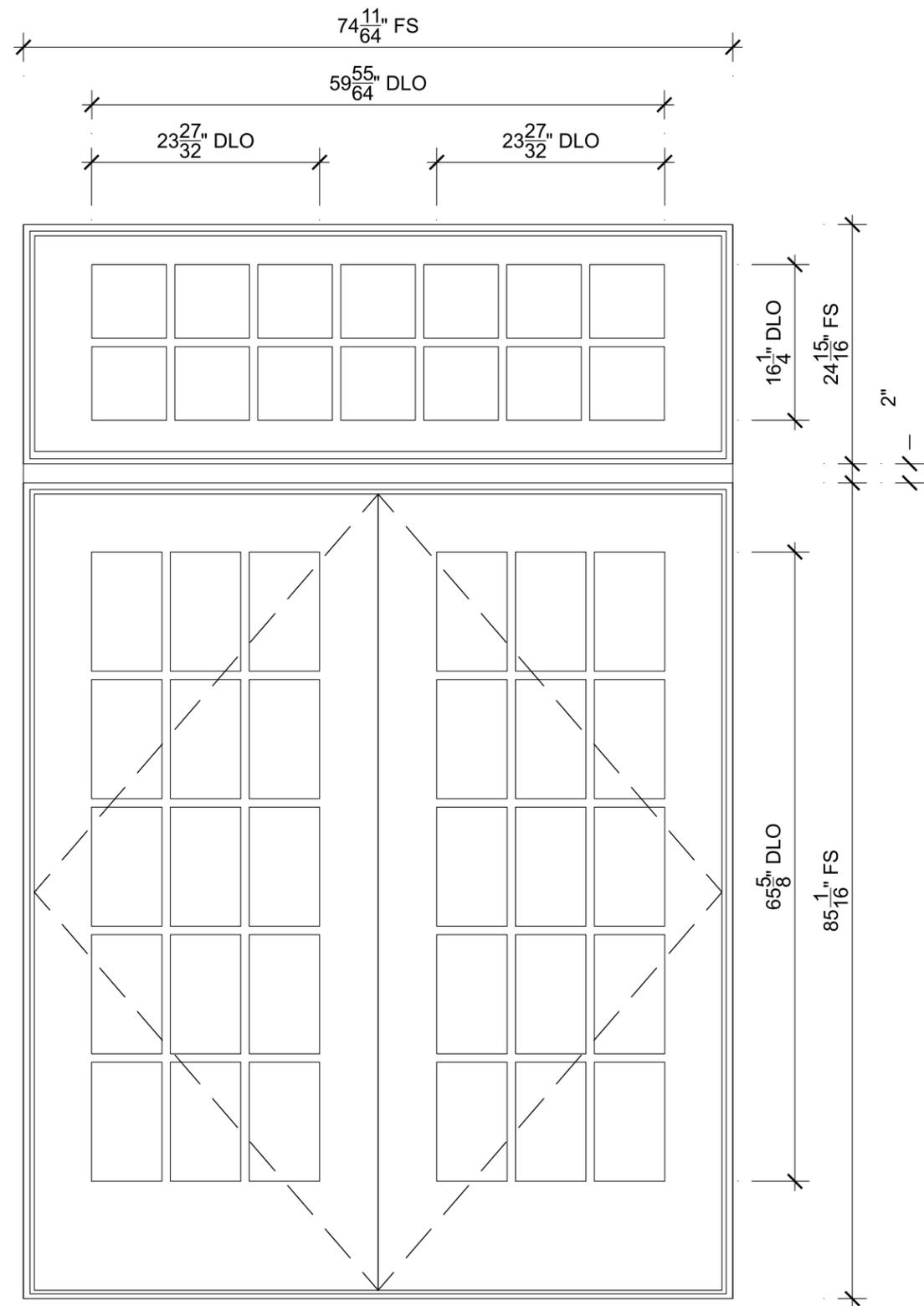
Line #: 4
 Qty: 1
 Mark Unit: EAST NEW DOOR
 Product Line: Ultimate
 Unit Description: Commercial Door
 Frame Size: 41" X 85 1/16"
 Exterior Finish: Stone White
 Species: Pine
 Interior Finish: Painted Interior Finish - White
 Unit Type: Commercial Door, X, Left Hand Reverse
 Glass Information: Tempered Low E2 w/Argon, Stainless
 Divider Type: 7/8" Rectangular SDL W/ Spacer - Stainless
 Hardware Type: Ball Bearing Hinges
 Hardware Color: Stainless Steel (US32D)
 Jamb Depth: 6 9/16"

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*** EAST COURTYARD FLANKERS**
SCALE: 3/4" = 1'-0"

SPECIFICATIONS

- Line #: 5
- Qty: 2
- Mark Unit: EAST COURTYARD FLANKERS
- Product Line: Ultimate
- Unit Description: Marvin Assembly
- Frame Size: 74 11/64" X 112"
- Exterior Finish: Stone White
- Species: Pine
- Interior Finish: Painted Interior Finish - White
- Unit Type: [A1] Commercial Door Transom, 1 Frame/1 Sash,
[B1] Commercial Door, XX, Right Hand Reverse Active
- Glass Information: [A1] IG, Low E2 w/Argon, Stainless, [B1] Tempered Low E2 w/Argon, Stainless
- Divider Type: 7/8" Rectangular SDL W/ Spacer - Stainless
- Hardware Type: [A1] None,
[B1] Ball Bearing Hinges
- Hardware Color: [A1] None,
[B1] Stainless Steel (US32D)
- Jamb Depth: 6 9/16"

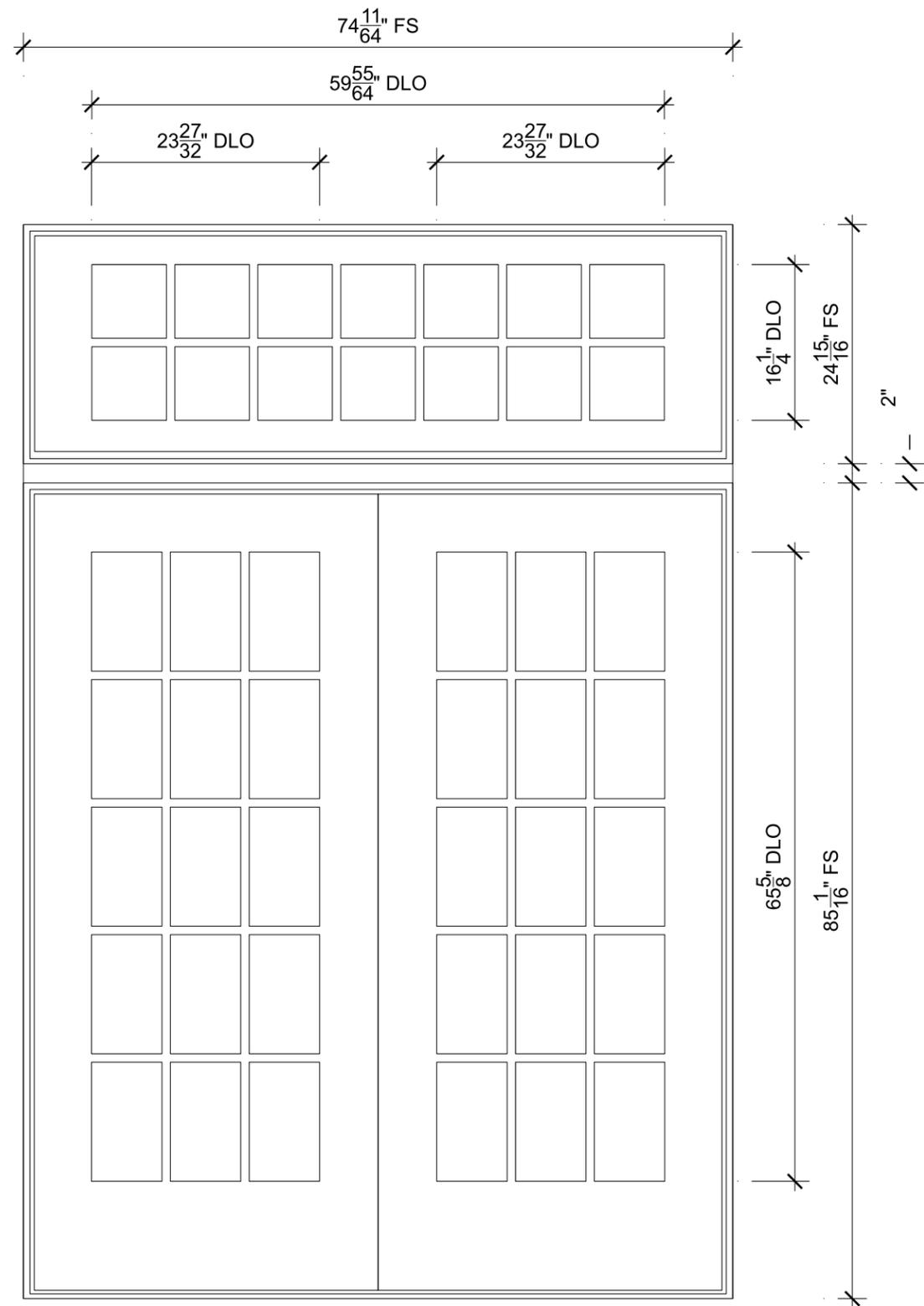
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*** The quote for this unit has an error on it. Please verify availability prior to order.**



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QUOTE#: 35K4GDW PK VER:0003.02.01 CREATED: 05/07/2020 REVISION:



SPECIFICATIONS

Line #: 6
 Qty: 1
 Mark Unit: EAST COURTYARD CENTER
 Product Line: Ultimate
 Unit Description: Marvin Assembly
 Frame Size: 74 11/64" X 112"
 Exterior Finish: Stone White
 Species: Pine
 Interior Finish: Painted Interior Finish - White
 Unit Type: [A1] Commercial Door Transom, 1 Frame/1 Sash,
 [B1] Commercial Door, OO
 Glass Information: [A1] IG, Low E2 w/Argon, Stainless, [B1] Tempered Low E2 w/Argon,
 Stainless
 Divider Type: 7/8" Rectangular SDL W/ Spacer - Stainless
 Hardware Type: None
 Hardware Color: None
 Jamb Depth: 6 9/16"

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*** The quote for this unit has an error on it. Please verify availability prior to order.**

*** EAST COURTYARD CENTER**

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



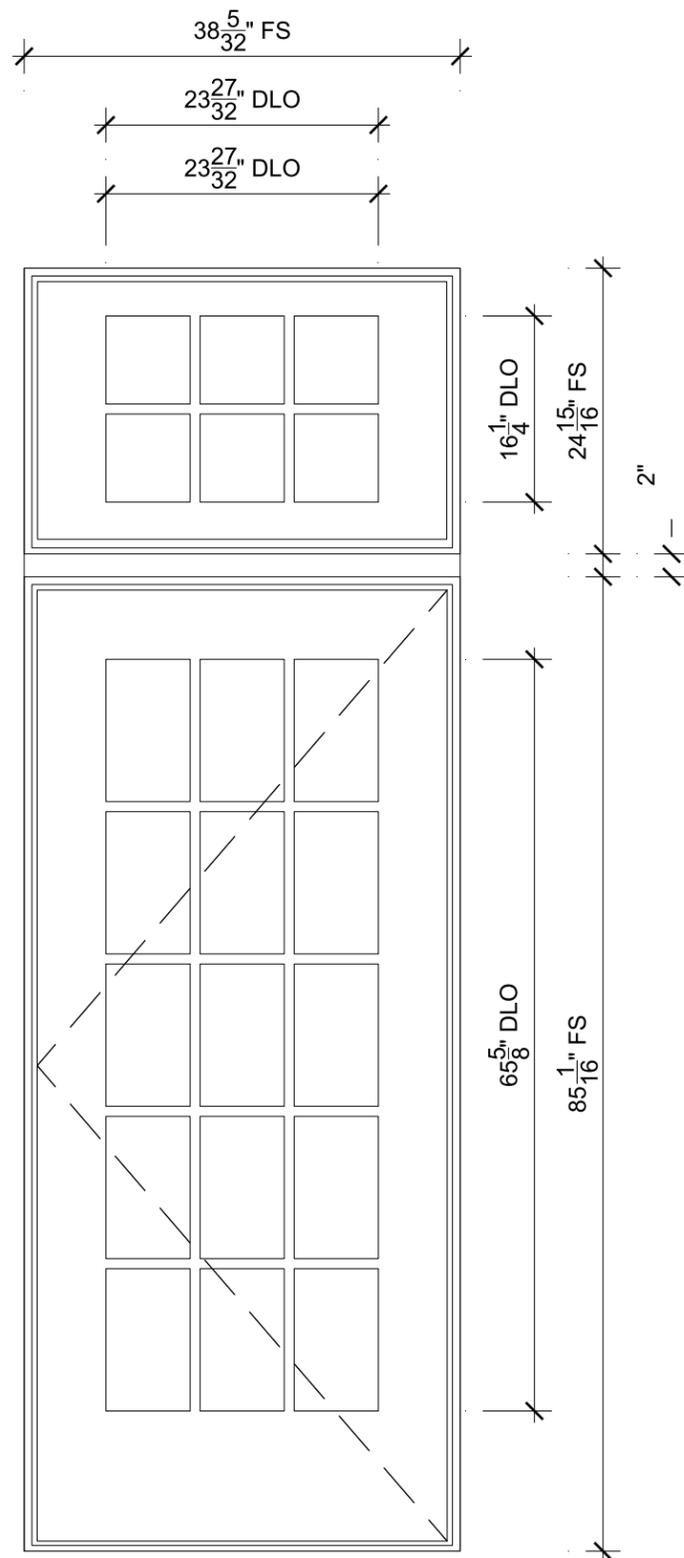
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 DRAWN: PATRICK MCENTEE
 QUOTE#: 35K4GDW PK VER:0003.02.01 CREATED: 05/07/2020 REVISION:

SHEET

6

OF 7



WEST NEW DOOR & TRANSOM
SCALE: 3/4" = 1'-0"

SPECIFICATIONS

- Line #: 7
- Qty: 1
- Mark Unit: WEST NEW DOOR & TRANSOM
- Product Line: Ultimate
- Unit Description: Marvin Assembly
- Frame Size: 38 5/32" X 112"
- Exterior Finish: Stone White
- Species: Pine
- Interior Finish: Painted Interior Finish - White
- Unit Type: [A1] Commercial Door Transom, 1 Frame/1 Sash,
[B1] Commercial Door, X, Left Hand Reverse
- Glass Information: [A1] IG, Low E2 w/Argon, Stainless, [B1] Tempered Low E2 w/Argon, Stainless
- Divider Type: 7/8" Rectangular SDL W/ Spacer - Stainless
- Hardware Type: [A1] None,
[B1] Ball Bearing Hinges
- Hardware Color: [A1] None,
[B1] Stainless Steel (US32D)
- Jamb Depth: 6 9/16"

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DRAWN: PATRICK MCENTEE
QUOTE#: 35K4GDW PK VER:0003.02.01 CREATED: 05/07/2020 REVISION:

Unit Features

Ultimate Casement: UCA

Ultimate Awning: UAWN

Ultimate Casement Picture: UCAP

Ultimate Casement Narrow Frame: UCANF

Ultimate Awning Narrow Frame: UAWNNF

Ultimate Casement Narrow Frame Picture: UCANFP

Ultimate Casement Corner: UCACNR

UCA, UCANF, UAWN, UAWNNF Hardware:

- Folding handles are standard
 - Color: Satin Taupe
 - Optional colors: White, Bronze, Matte Black, Satin Chrome, Satin Nickel, Oil Rubbed Bronze, Brass, Antique Brass
- Locks used are a concealed multi-point sequential system
- Stainless steel packages are available for coastal application
- Aluminum pole crank (Optional)
 - Color: mill finish
 - Sizes: 60" (1524), 96" (2438), 138" (3505)

NOTE: Pole crank operate locks

UCA/UCANF Hardware:

- Casement operator includes a crank hardware system that allows the window to open to a full 90 degrees with a minimal reduction of egress net clear opening
 - All steel is covered with an E-Gard™ protection coat and the standard track is stainless steel
 - Operation force at handle is 5 lbs. (2 kg) or less
- Casement hinges allow the user the ability to slide the sash across the frame opening so the sash exterior will rotate toward the user for the easy wash mode
 - Each unit includes one single arm operator or dyad operator depending upon the width of the unit
 - Frame OM width of 20" (508) to under 24" (610) use an 18" (457) wash/egress hinge
 - Frame OM widths greater than 24" (610) use a 22" (559) wash/egress hinge
 - Frame OM widths less than 20" (508) use a dyad hinge (dyad hinges do not have the special easy wash mode feature)
- Factory installed Window Opening Control Device (WOCD)
 - The standard operation of the WOCD shall limit the operation of the sash to an opening of 4" (102) or less
 - The tether shall be able to detach from the lock housing by a two step function actuation to allow normal operation of the unit
 - The tether shall be able to re-engage when the unit is fully closed
 - Hardware meets the ASTM F2090-17
 - Minimum operable unit size: 26" (660) x 19 1/4" (489)
 - Maximum operable unit size: 40" (1016) x 92" (2337) - unit size width is greater than 36" (914)
 - Maximum operable unit size: 36" (914) x 96 1/8" (2442) - unit size is less than or equal to 36" (914)
 - WOCD locking assembly:
 - Factory installed, Die-cast
 - Color: Satin Taupe, Bronze, White, Matte Black, Oil-Rubbed Bronze, Brass, Satin Nickel, Antique Brass, Polished Chrome, Satin Chrome
 - WOCD tether assembly:
 - Factory installed
 - Glass filled nylon
 - Color: matched to the e-coat finish on casement hardware
- Hinges used are steel coated with an E-Gard™ protection coat and hinge track is stainless steel
- Each unit contains two hinges that connect stiles of sash to jamb material
- Hinges are designed to support up to a 210 lb. (95 kg) sash
- Optional power drive operator:
 - Motor is metal cased
 - Motor cover is plastic
 - Cover colors: Satin Taupe, White and Bronze
 - Field installed
 - Available for all size CN 16 and wider
- Remote control available as an option

Unit Features

UAWN/UAWNNF Hardware:

- Optional Op-O-Lock Hardware (only available with UAWN)
 - Requires a folding handle
 - Minimum frame OM width is 28" (711)
 - Minimum frame height is 15 1/8" (384)
 - Maximum frame OM width is 72" (1829)
 - Maximum frame OM height is 47 1/8" (1197)
- Custodial Sash Limiters
 - If Casement frame OM is larger than 36" (914) x 102" (2591), 40" (1016) x 92" (2337), or 44" (1118) x 71.125" (1807) custodial limiters will be applied, limiting travel
 - If Awning frame OM is larger than 72" (1829) x 72" (1829) custodial limiters will be applied, limiting travel

Interior Shades:

- Cellular shade is attached to the window with a removable surround system that houses the cellular shade system and screen
 - Shade cartridge is removable and replaceable
 - One shade per sash opening
 - Shade control: top down, bottom up
 - Egress is reduced by 1" (25) when shade system is installed in unit
 - Wood screen and retractable screen options are not available with interior shade system
- Wood surround frame
 - Species: Pine, Mahogany, Mixed Grain Douglas Fir, Vertical Grain Douglas Fir, Cherry or White Oak
 - Roll formed screen: Satin Taupe (standard), Stone White, Bronze, or Ebony (optional)
- Cellular shade
 - Single non-fire rated hexagonal honeycomb (cellular) 3/4" (19)
 - Semi-opaque fabric (light filtering)
 - Colors: Driftwood, Marigold, Almond, Rose, Denim, Biscuit, Champagne, Moss, Cinnamon, Silver, White, Stone, Tan, Ivory, Eggshell
 - Opaque fabric (blackout)
 - Colors: White, Stone, Tan, Ivory, Eggshell
- Order options:
 - Ship separate: shade system packages separate and ships same time as the unit
 - Ship later: shade system at a later date chosen by the customer
 - Shade option must be chosen at the time of unit order
 - Fabric opacity and color can be chosen at later date
 - Retro fit: ordered as a complete shade system through configured parts

Optional Glass:

- 1" Tripane Low E1 outer piece and Low E1 Argon inner piece
- 1" Tripane Low E1 outer piece and Low E1 Krypton-Argon inner piece
- 1" Tripane Low E2 outer piece and Low E2 Argon inner piece
- 1" Tripane Low E2 outer piece and Low E2 Krypton-Argon inner piece
- 1" Tripane Low E3 outer piece and Low E1 Argon inner piece
- 1" Tripane Low E3 outer piece and Low E1 Krypton-Argon inner piece

Mulling:

- For mull performance, refer to the General Mulling chapter of the ADM.

CE Optional Glazing:

- Optional Tripane glass types: Low E1/E1 Argon or Krypton-Argon, Low E2/E2 Argon or Krypton-Argon, Low E3/E1 Argon or Krypton
- Glass panes available in 3,4, and 6 mm thicknesses
- Glazing will be altitude adjusted for high elevations, Argon, Argon-Krypton, and Krypton gas not included

CE Mulling Options:

- Mullled assemblies up to 64" (1626) x 71 1/8" (1807) as 1H x multi-width
- Mullled assemblies with 1" (25) LVL or 3/8" (10) aluminum mull reinforcement up to 122" (3099) x 104 1/4" (2648) as a multi-wide or multi-high assembly

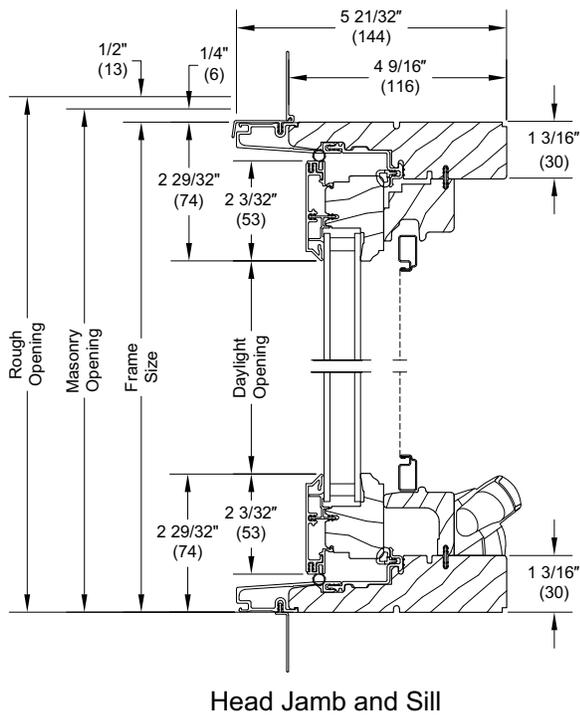
Unit Features**Lock Status Sensor (Optional):**

- Available for UCA, UCANF, UAWN, UAWNNF
- Refer to **Lock Status Sensor Installation Instructions** for requirements.
- Lock Status Sensor detects a locked or unlocked status. It allows easy integration with home automation systems using a wired or wireless connection.
 - For wired option, check with local codes on potential contractor requirements for low voltage networking connections.
 - Wireless option available. Requires purchase of secondary transmitter for operation. Marvin will prep for this option.
- Wireless Lock Status Sensor is located within the frame.
- Sensor Location
 - UCA/UCANF – will always be on locking side
 - UAWN/UAWNNF – will always be on right-hand locking side (from exterior)
- For Wired or Wireless, Black or White Magnet Covers available only visible on secondary surface. Cover color dependent upon interior finish.
 - White: Prime and White Painted Interior Finish
 - Black: Bare and all other finish options

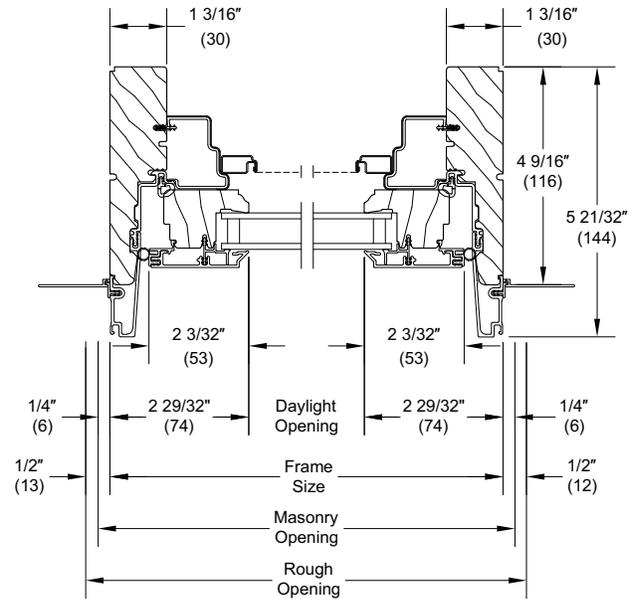
Section Details: Operating/Stationary/Picture - 3/4" (19) IG

Scale: 3" = 1' 0"

Operating

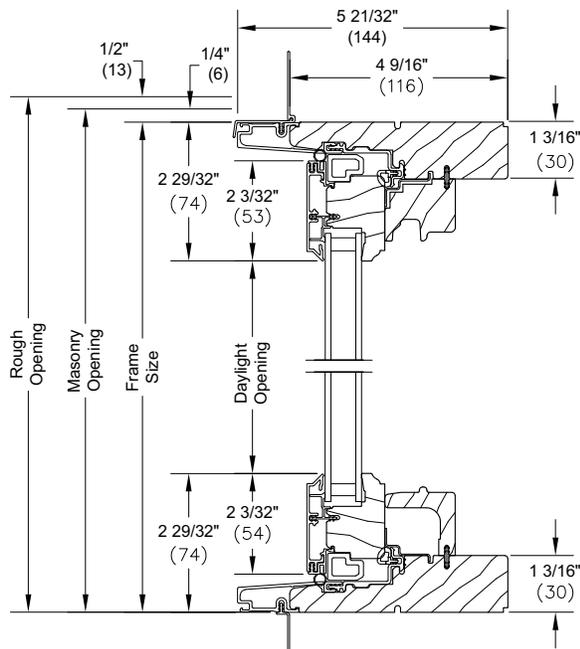


Head Jamb and Sill

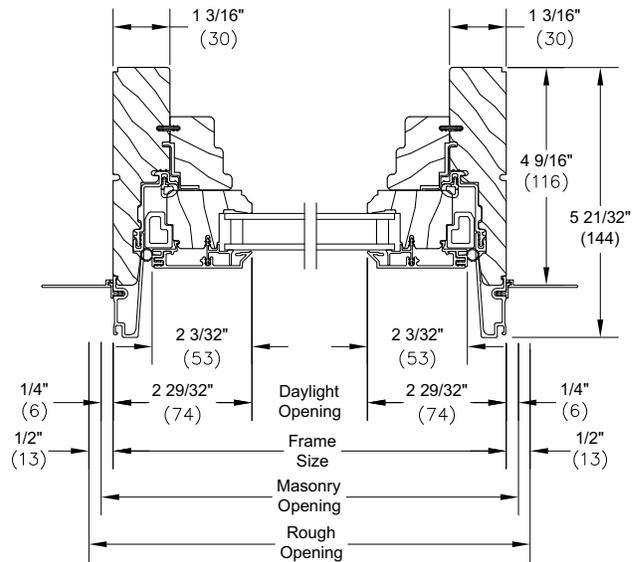


Jambs

Stationary/Picture



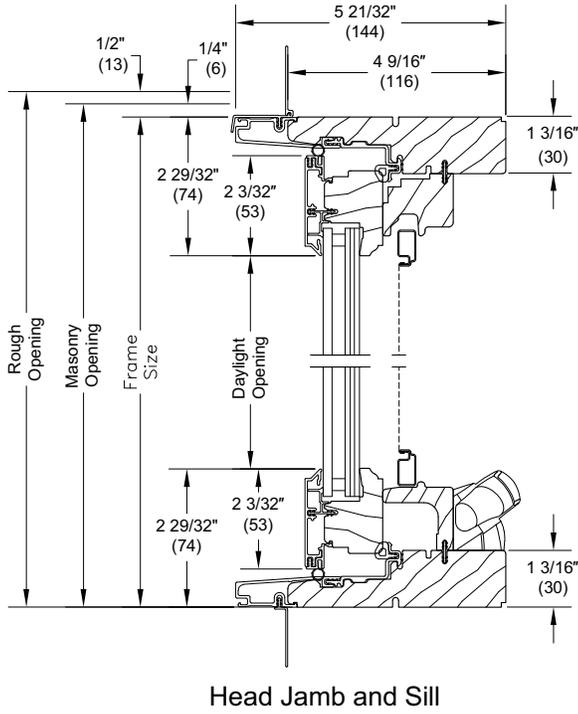
Head Jamb and Sill



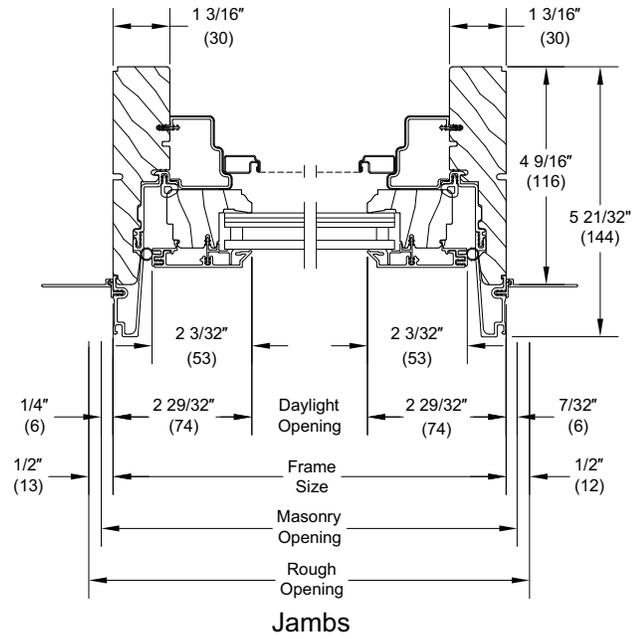
Jambs

Section Details: IZ3/IZ4 Operating/Stationary/Picture - 3/4" (19) IG

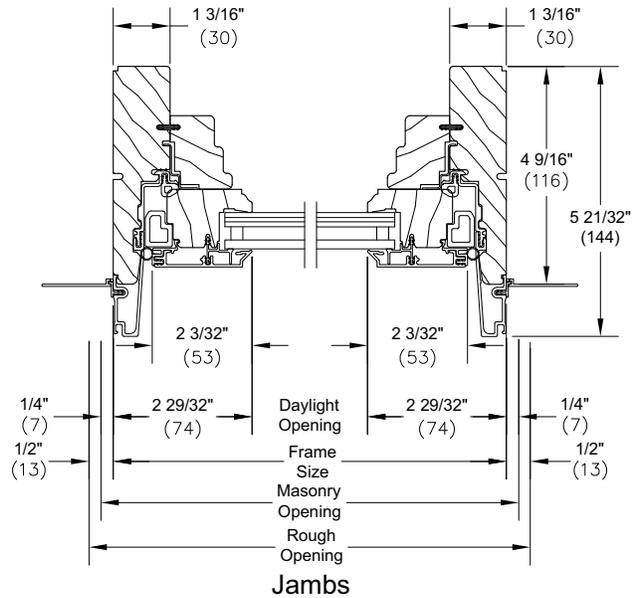
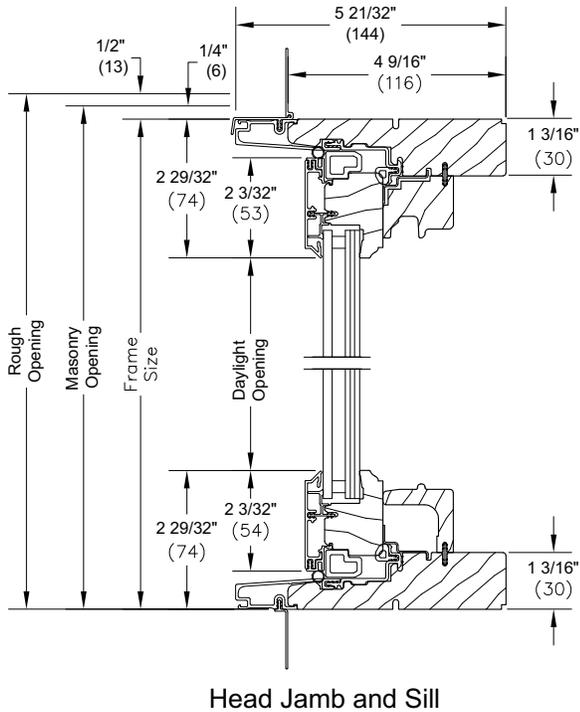
Scale: 3" = 1' 0"



Operating



Stationary/Picture

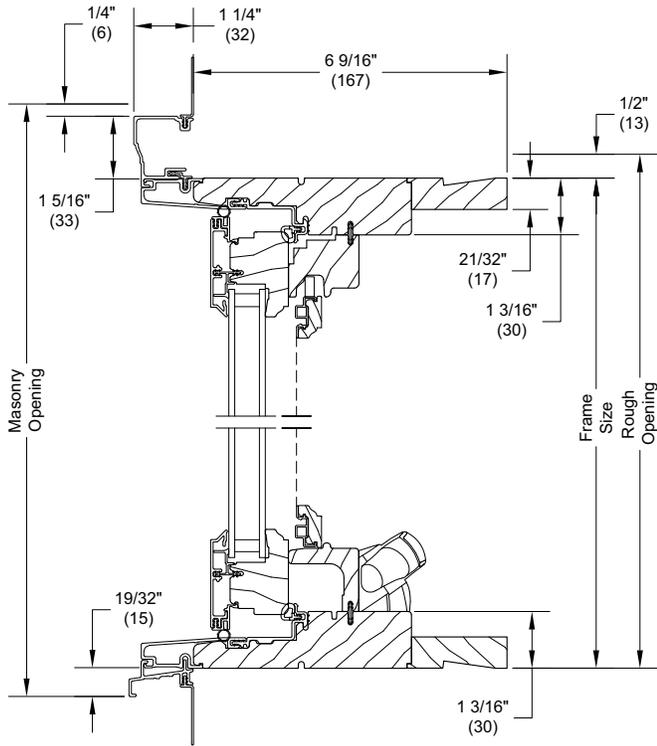


NOTE: CE mark is not available on IZ3 and IZ4 units

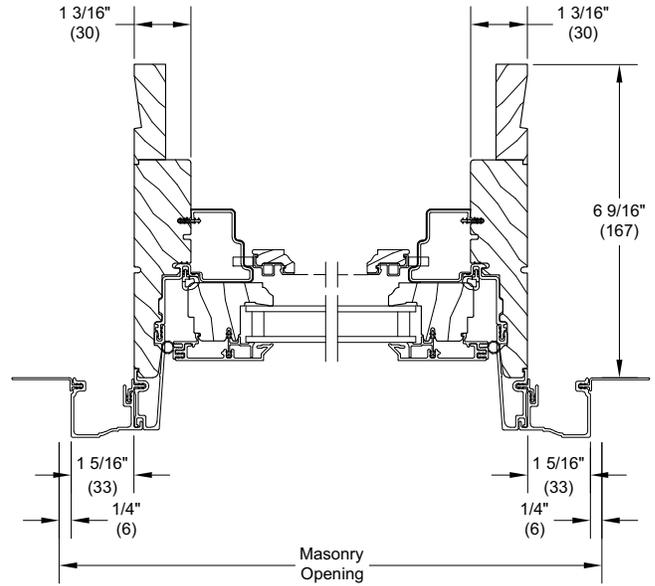
Section Details: Casing, 6 9/16" (167) Jambs, Wood Screen

Scale: 3" = 1' 0"

Clad BMC

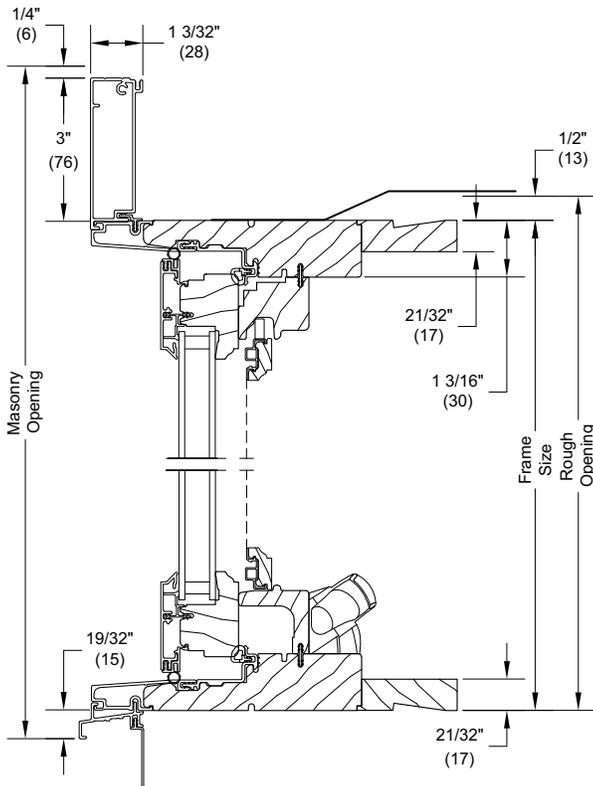


Head Jamb and Sill

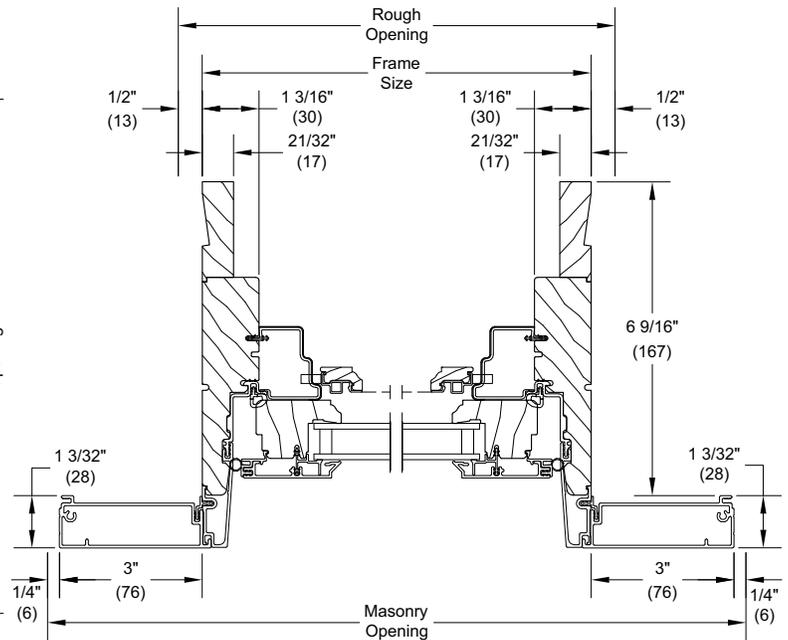


Jambs

Clad Flat Casing



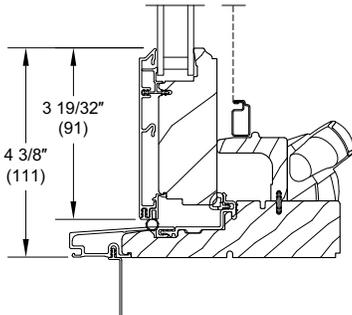
**Head Jamb And Sill
Clad Flat Casing with Wood Screen**



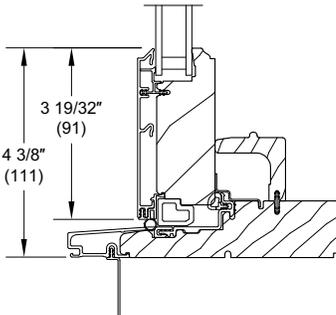
**Jambs
Clad Flat Casing with Wood Screen**

Section Details: Tall Bottom Rail Option

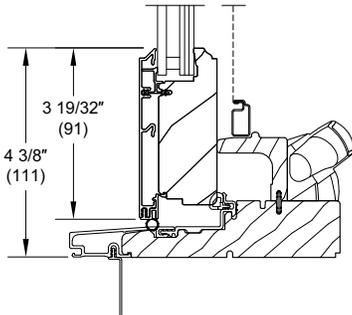
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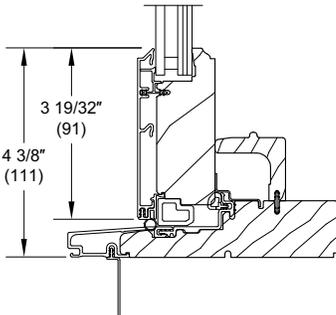
Standard Operator



Standard Stationary



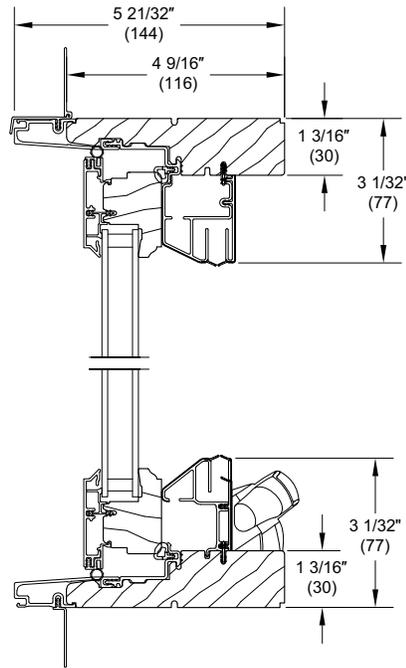
IZ3 Operator



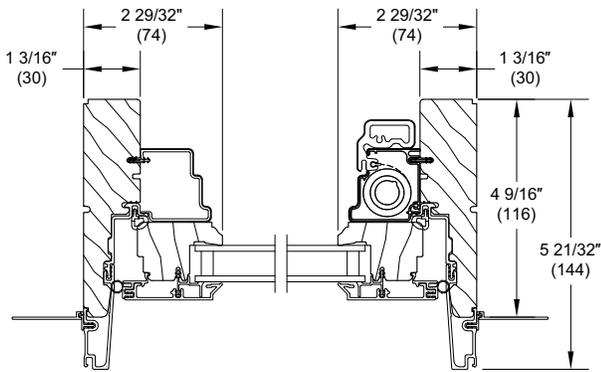
IZ3 Stationary

Section Details: Retractable Screen - Full Frame Casement

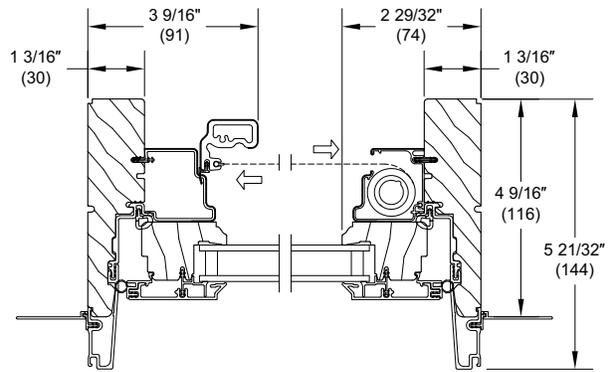
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Head Jamb and Sill



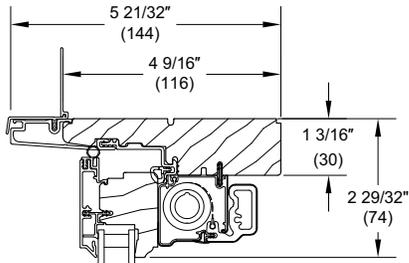
Jamb - Screen Open



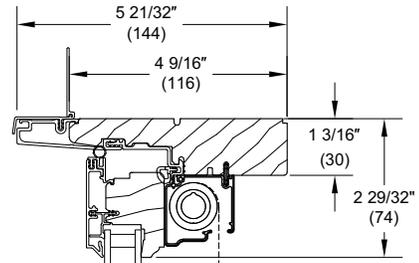
Jamb - Screen Closed

Section Details: Retractable Screen - Full Frame Awning

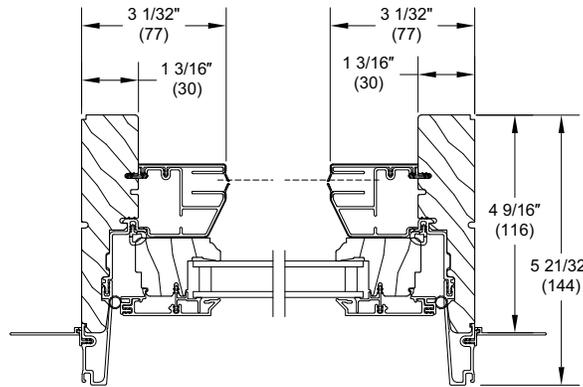
Scale: 3" = 1' 0"



Head Jamb And Sill
Screen-Open



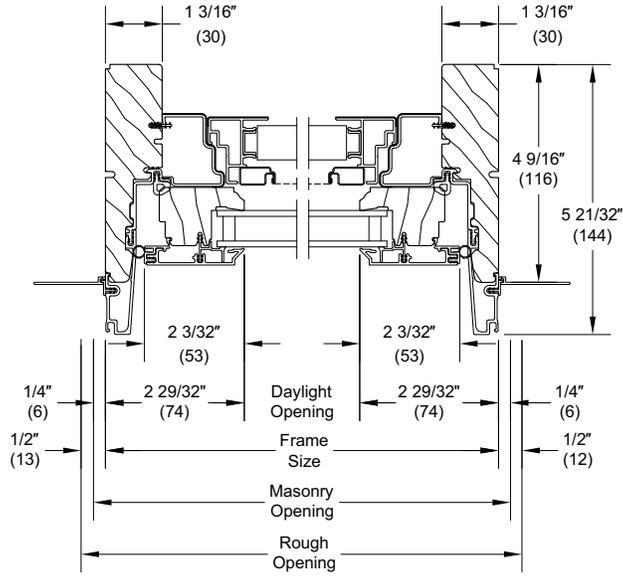
Head Jamb And Sill
Screen-Closed



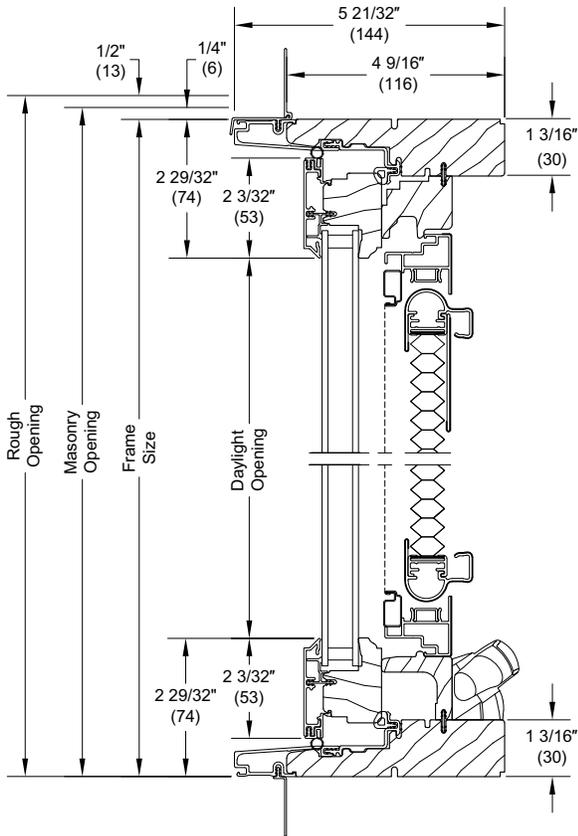
Jamba

Section Details: Interior Shade - Full Frame Casement and Awning

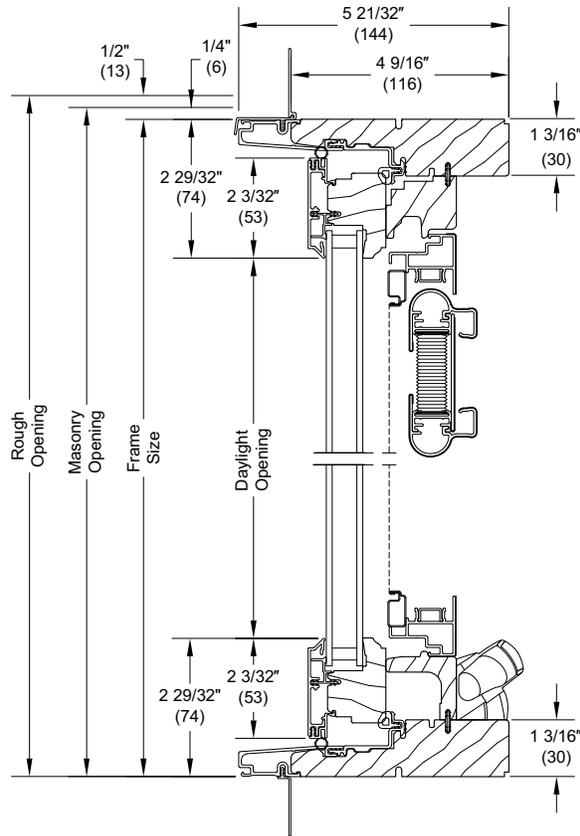
Scale: 3" = 1' 0"



Jamb



**Head Jamb and Sill
Shades closed**



**Head Jamb and Sill
Shades open**

Unit Features

Ultimate Commercial Door: UCD

Ultimate Commercial Door 2 1/4": UCD2.25

Frame:

- Frame thickness: 1 1/16" (27).
- Frame width: 4 9/16" (116).
- Sill Options:
 - Standard factory installed thermal barrier saddle low profile 0.500" (13) by 7.125" (181) sill. Optional; thermal barrier saddle low profile 0.250" (6) by 7.125" (181) sill. Offset saddle low profile 0.500" (13) by 7.00" (178) sill with 0.250" (6) offset.
 - Optional factory installed thermal barrier saddle low profile 0.500" (13) by 8.125" (210) sill. Optional; thermal barrier saddle low profile 0.250" (6) by 8.125" (210) sill.
 - Optional factory installed thermal barrier saddle low profile 0.500" (13) by 9.125" (235) sill. Optional; thermal barrier saddle low profile 0.250" (6) by 9.125" (235) sill.
 - Optional: No sill.
 - Finishes: Standard: Mill Finish Aluminum, Optional: Dark Bronze Anodized Aluminum, Gold Anodized Aluminum.

Panel:

- Panel thickness: UCD: 1 3/4" (44) and UCD2.25: 2 1/4" (57).
- Top rail height:
 - UCD panel: 6" (152).
 - UCD2.25 panel: 8 1/8" (206).
 - Panel core material is solid Pine or follows the species of the door.
- Stile width, locking and hinge stiles are 6" (153) wide with LVL core.
- Bottom rail height: 11 3/8" (289) is solid pine or follows the species of the door.
- Optional 6" (152) intermediate rail is solid pine or follows the species of the door, is centered 26" (660) or 40 5/16" (1024) from bottom of door sill.

Glass and Glazing:

- Select quality complying with ASM C 1036. Comply with 16 CFR 1201 Safety Standard for Architectural Glazing Materials. Tempered insulating glass IGMA.IGCC certified to performance level CBA when tested in accordance with ASTM E 774.
- Glazing Seal: Tempered insulating glass hermetically sealed placed into an exterior bed of silicone.
- UCD has 3/4" IG with removable interior vinyl glazing stops with clear wood covers, no visible fasteners.
- UCD2.25 has 1" IG with nailed on glazing stops.
- Glazing Method: Tempered Insulating Glass (Altitude Adjusted)
- Glass Type: Clear; Bronze; Gray; Reflective Bronze; Low E2 Argon or without Argon; Low E3 Argon or without Argon; Low E2/ERS Argon or air; Low E3/ERS Argon or air; Obscure; Laminated; Decorative glass options.

CE Optional Glazing:

- Glazing Seal: Silicone beading exterior
- Standard Glazing: Low E2 Argon or air
- Optional Glazing: Clear insulating glass, Low E3 Argon or air, Low E1 Argon or Air, Low E2/ERS Argon or air, Low E3/ERS Argon or air, Laminated, Laminated Bronze tint, Laminated Gray tint, Laminated Green tint, Laminated White tint, Sandblaster
- Glass panes available in 3,4, and 6mm thicknesses
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations, Argon gas not included

Unit Features

Hardware:

- Hinges: 4 1/2" (114) x 4 1/2" (114) square corner ball bearing hinges. Standard finish color and substrate: Satin Chrome (US26D) over brass substrate.
 - Optional: Bronze finish over Brass substrate (US10A), Solid Brass (US3), Stainless Steel (US32D).
- UCD panel: Three hinges per panel for units less than 85 9/16" (2173) high rough opening, four hinges per panel on doors with 85 9/16" or larger (2173) rough opening.
- UCD2.25 panel: Three hinges per panel up to 85 9/16" (2173) high. Four hinges per panel over 85 9/16" (2173), 5 hinges per panel on units over 95" (2413) high. If panel width is greater than 35 13/16" (910), door has 4 hinges.
- No lock no bore is standard.
 - Optional Commercial Hardware Package:
 - Closer, rim device, mortise lock, removable mullion and kick plate.
 - Optional hardware Routs and Preps.
 - Von Duprin Push pad Rim Devices and Trim Sets.
 - Von Duprin Cross Bar Device and Trim Sets.
 - Von Duprin 5547 Concealed Vertical Rod Exit Device. (2 1/4" Door only)
 - Sargent 8200 Mortise Lock Prep.
 - Schlage L Mortise Lock and Trim Sets.
 - Schlage ND Cylindrical locks.
 - Alarm Lock.

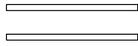
Raised/Flat Panel Option:

- 6" (152) Intermediate rail is constructed of finger-joint, edge-glued pine, or laminated veneer lumber (LVL) core.
 - Raised or Flat Extira[®] panel constructed of medium density fiberboard (MDF) core with wood laminate veneer to interior.
 - Exterior Standard Stamped Raised Panel uses .080" (2) aluminum with foam backing.
- Two placement options are available:
 - Low Placement, 26" (660) on center (OC) of 6" (152) intermediate rail from bottom of door sill for a 10 13/16" (275) visible panel height.
 - High Placement, 40 5/16" (1024) OC of 6" (152) intermediate rail from bottom of door sill for a 25 1/8" (638) visible panel height.

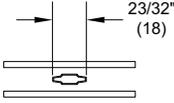
Weather Strip:

- Beige bulb type weather strip at top rails and hinge stiles.
 - Optional: Black.
- Black pile type weather strip at locking stiles.
- Panel drips and screws will be color matched to the panel clad color, for Custom Color clad the panel drips will be painted to match the panels but the screws will remain stainless steel.
- Sweep across panel bottom.
 - Optional: Bronze or Beige.

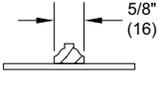
Standard Divided Lite Option



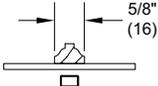
Insulating Glass



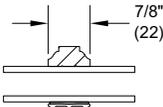
Aluminum 23/32" Contour GBG



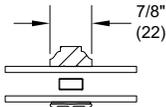
5/8" SDL



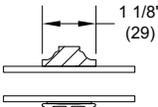
5/8" SDL
W/Spacer



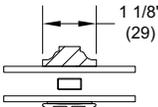
7/8" SDL



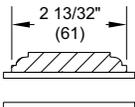
7/8" SDL
W/Spacer Bar



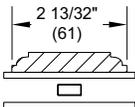
1 1/8" SDL



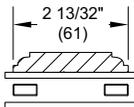
1 1/8" SDL
W/Spacer Bar



2 13/32" SDL

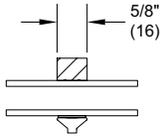


2 13/32" SDL
W/One Spacer Bar

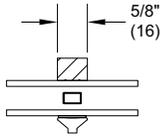


2 13/32" SDL
W/Two Spacer Bars

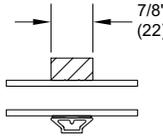
Optional Interior Square Simulated Divided Lite



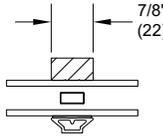
5/8" SDL



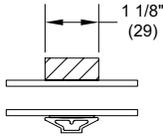
5/8" SDL
W/Spacer



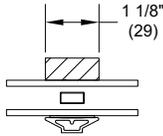
7/8" SDL



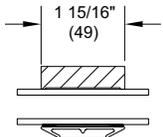
7/8" SDL
W/Spacer Bar



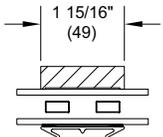
1 1/8" SDL



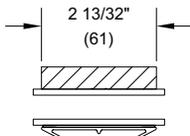
1 1/8" SDL
W/Spacer Bar



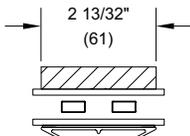
1 15/16" SDL



1 15/16" SDL
W/Two Spacer Bars



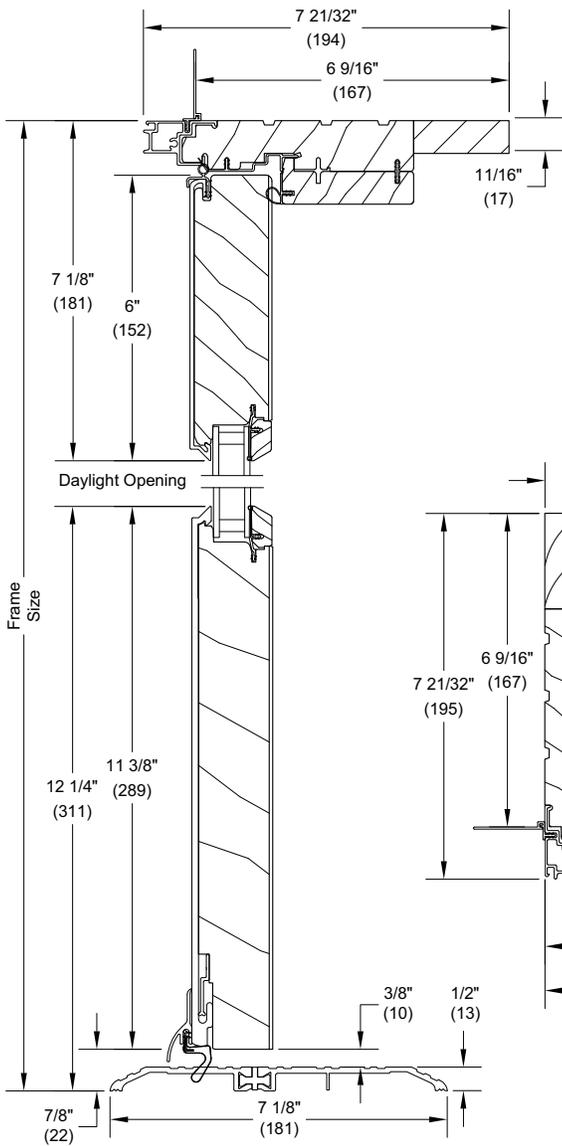
2 13/32" SDL



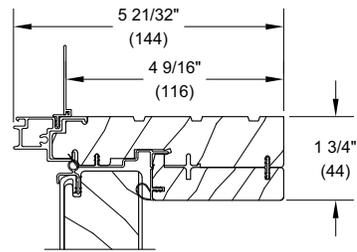
2 13/32" SDL
W/Two Spacer Bars

1 3/4" Commercial Section Details: Operating

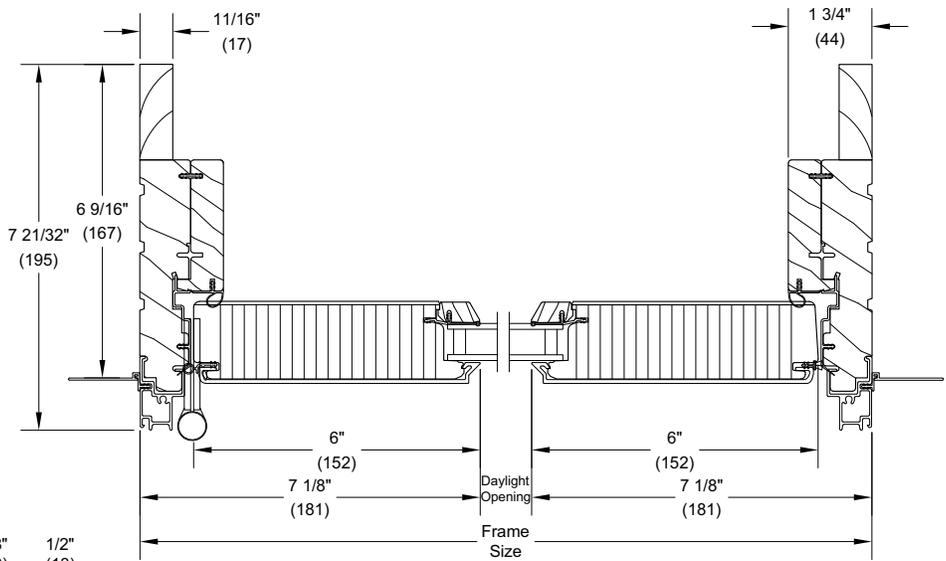
Scale: 3" = 1' 0"



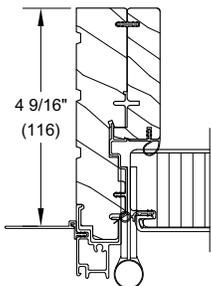
Head Jamb and Sill



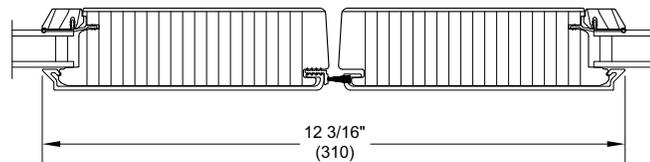
4 9/16" Head Jamb



X - LHR - Jamb



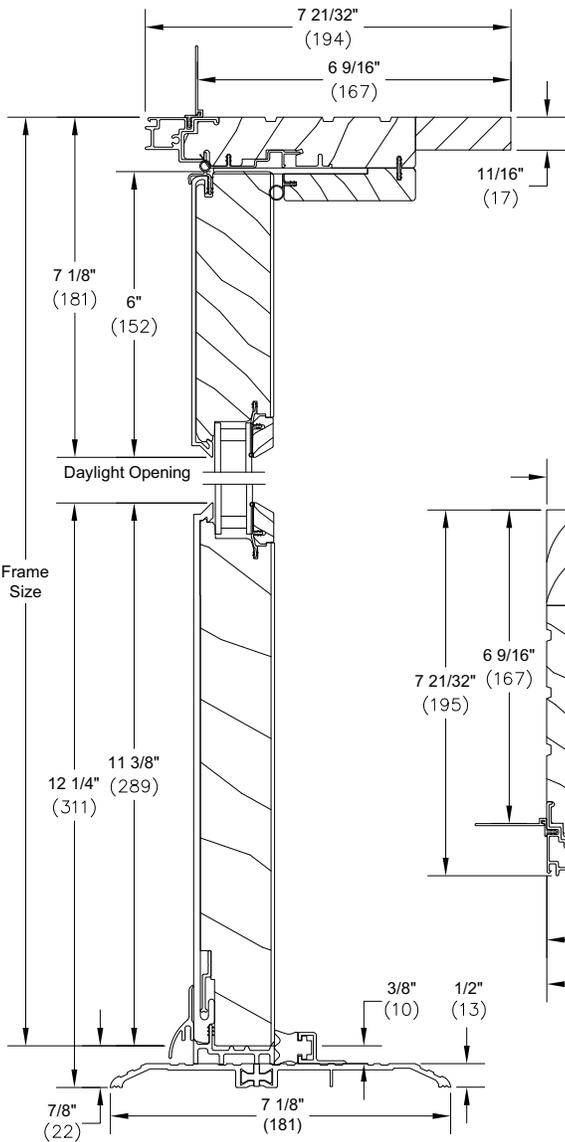
4 9/16" Jamb



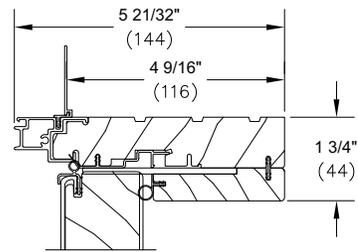
XX - Meeting Stiles

1 3/4" Commercial Section Details: Stationary and Sidelite

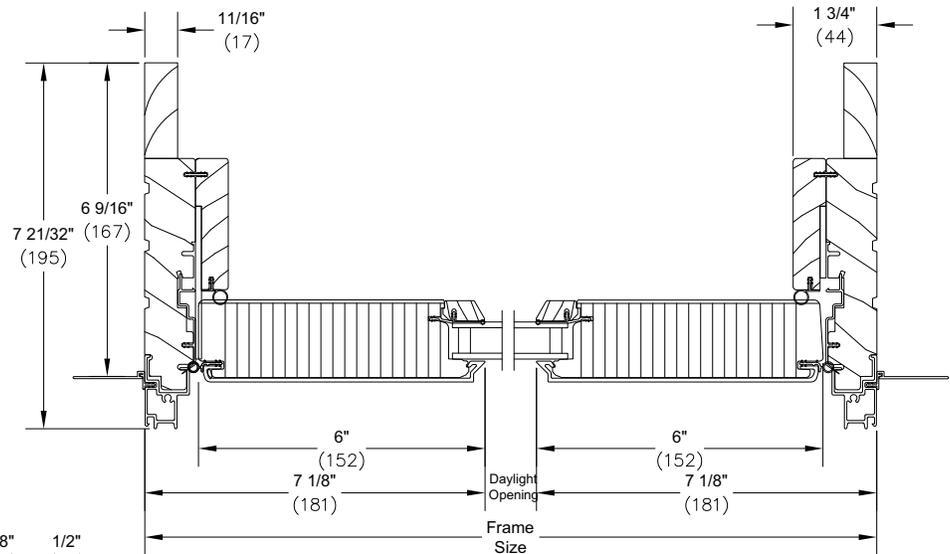
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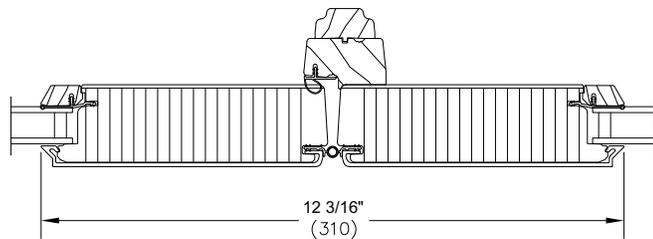
Head Jamb and Sill



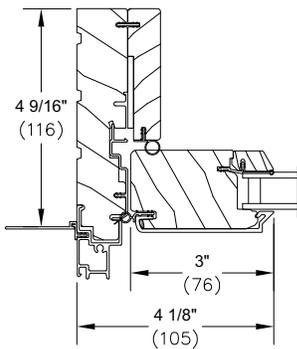
4 9/16" Head Jamb



O - Jamb



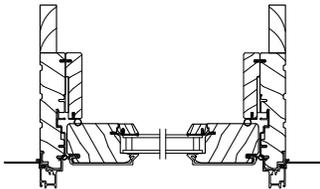
OO Meeting Stiles



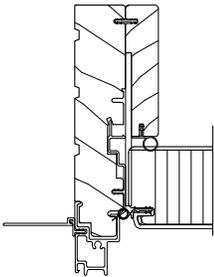
O - Jamb 3" Stile

1 3/4" Commercial Section Details: Panel Configurations

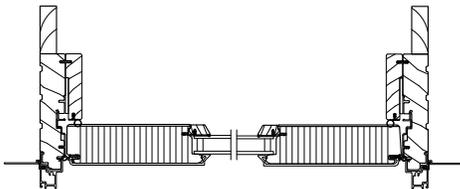
Scale: 1 1/2" = 1'



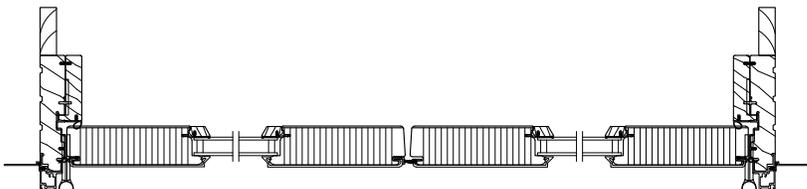
Sidelite Jamb



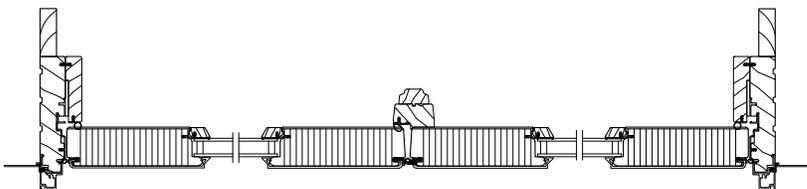
4 9/16" - Jamb
Scale: 3" = 1'-0"



O Jamb



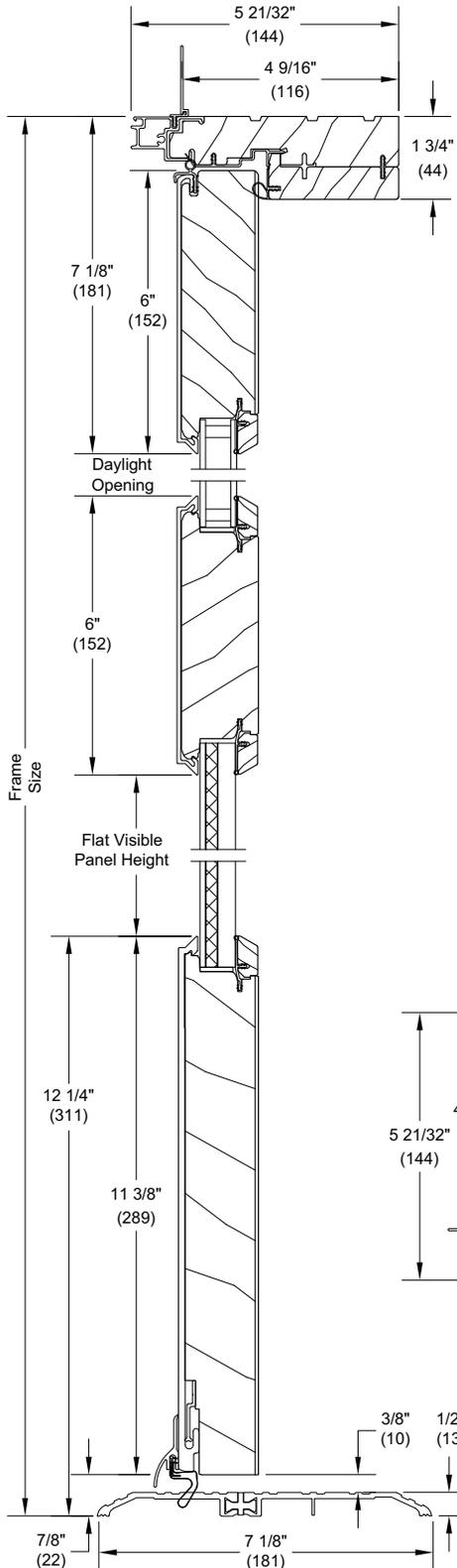
XX - RHRA Jamb



OO Jamb

1 3/4" Commercial Section Details: Flat Panel Placement

Scale: 3" = 1' 0"



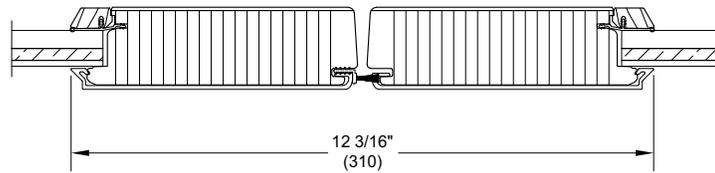
Head Jamb and Sill

Flat Panel - Standard Configuration/ Low Placement

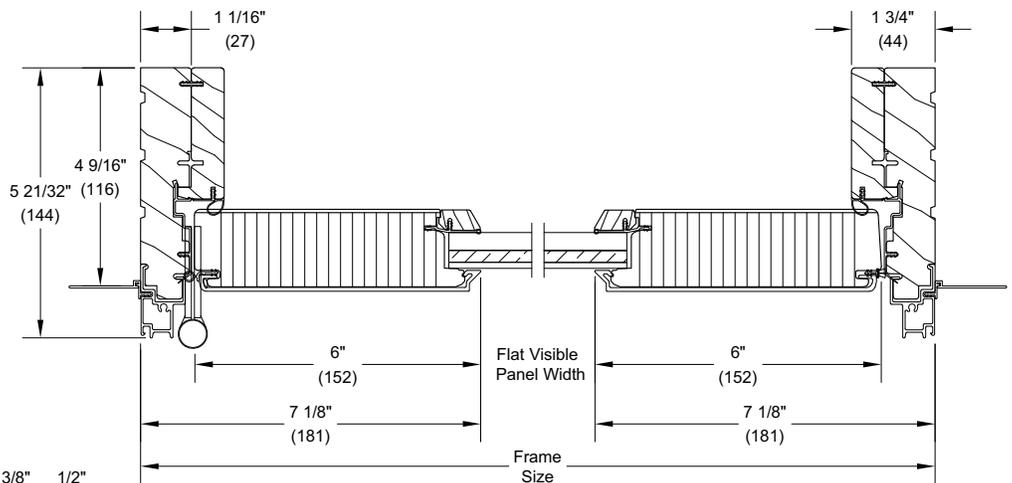
6" intermediate rail placed 26" (660) O.C. from bottom of the door sill with 10 13/16" (275) visible panel height.

Flat Panel - Standard Configuration/ High Placement

6" intermediate rail placed 40 5/16" (1024) O.C. from bottom of the door sill with 25 1/8" (638) visible panel height.



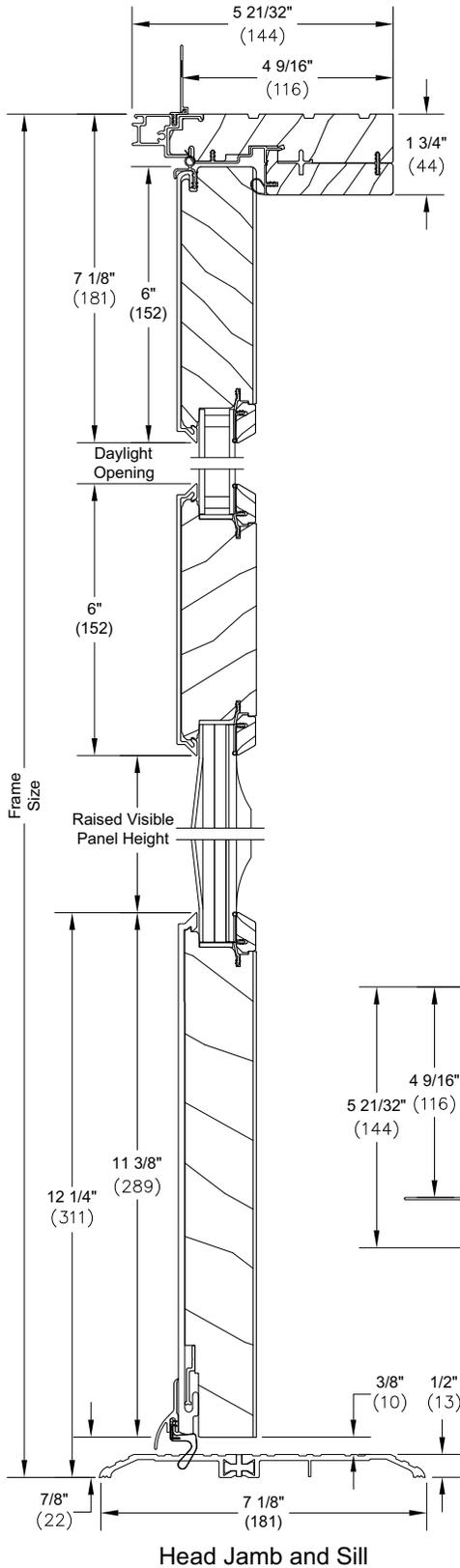
XX - Meeting Stiles



X - LHR - Jamb

1 3/4" Commercial Section Details: Raised Panel Placement

Scale: 3" = 1' 0"

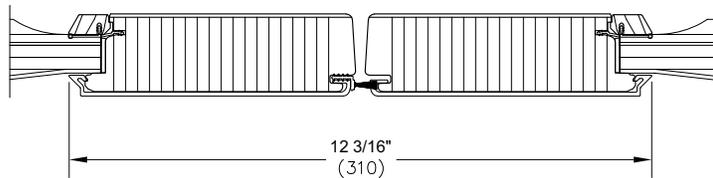


Raised Panel - Standard Configuration / Low Placement

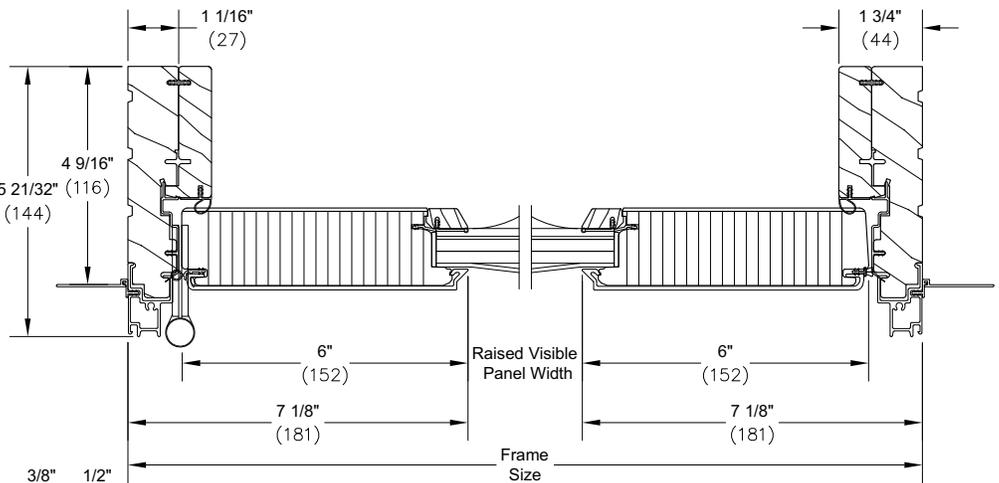
6" intermediate rail placed 26" (660) O.C. from bottom of the door sill with 10 13/16" (275) visible panel height.

Raised Panel - Standard Configuration / High Placement

6" intermediate rail placed 40 5/16" (1024) O.C. from bottom of the door sill with 25 1/8" (638) visible panel height.



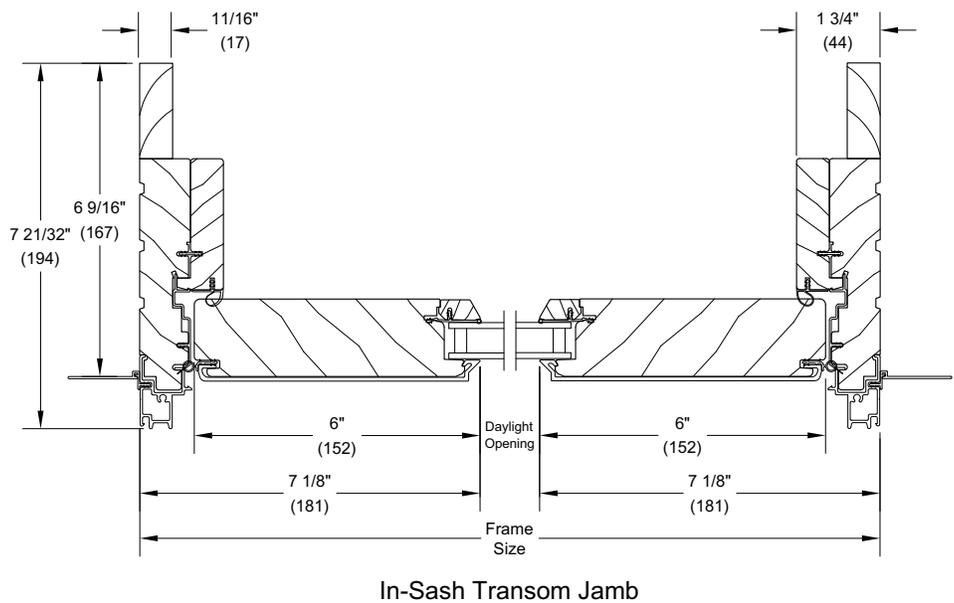
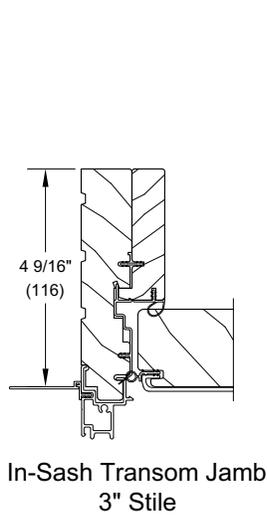
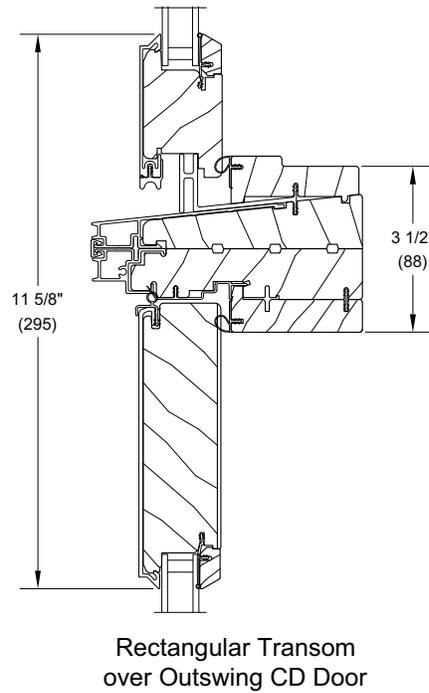
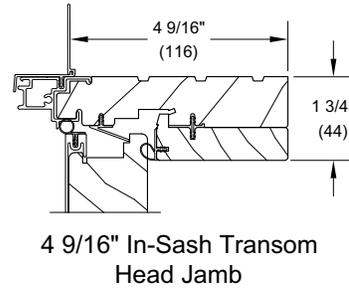
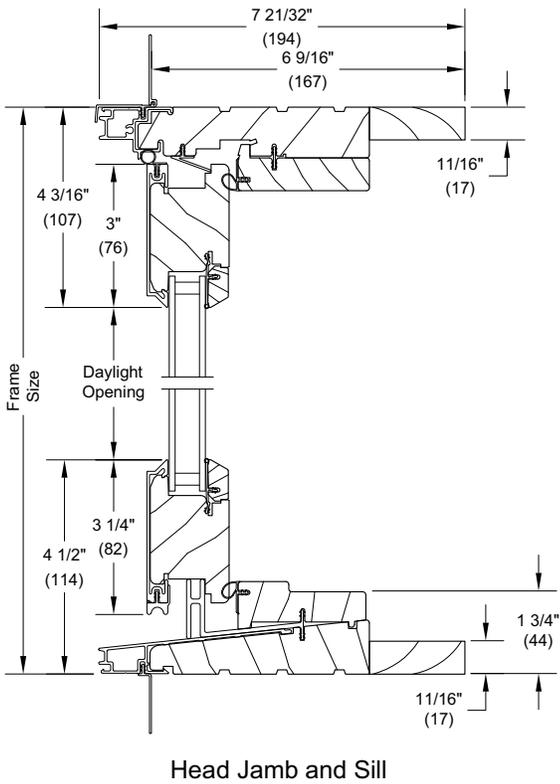
XX - Meeting Stiles



X - LHR - Jamb

1 3/4" and 2 1/4" Commercial Section Details: In-Sash Transom

Scale: 3" = 1' 0"



NOTE: Sidelite Transom not available with CE mark.

1 3/4" and 2 1/4" Commercial Section Details: Direct Glaze Transom

Scale: 3" = 1' 0"

