



HISTORIC PRESERVATION COMMISSION

HAWP #: _____ at: _____

submitted on: _____

has been reviewed and determined that the proposal fits into the following category/categories:

Repair or replacement of a masonry foundation with new masonry materials that closely match the original in appearance;

Installation of vents or venting pipes in locations not visible from the public right-of-way;

New gutters and downspouts;

Removal of vinyl, aluminum, asbestos, or other artificial siding when the original siding is to be repaired and/or replaced in kind;

Removal of accessory buildings that are not original to the site or non-historic construction;

Repair or replacement of missing or deteriorated architectural details such as trim or other millwork, stairs or stoops, porch decking or ceilings, columns, railings, balusters, brackets shutters, etc., with new materials that match the old in design, texture, visual characteristics, and, where possible materials, so long as the applicant is able to provide one extant example, photographic evidence, or physical evidence that serves as the basis for the work proposed;

Construction of wooden decks that are at the rear of a structure and are not visible from a public right-of-way;

Roof replacement with -compatible roofing materials, or with architectural shingles replacing 3-Tab asphalt shingles;

Installation of storm windows or doors that are compatible with the historic resource or district;

Repair, replacement or installation of foundation-level doors, windows, window wells, and areaways, or foundation vents, venting pipes, or exterior grills that do not alter the character-defining features and/or the historic character of the resource;

Construction of fences that are compatible with the historic site or district in material, height, location, and design;

Fence is lower than 48" in front of rear wall plane;

Construction of walkways, parking pads, patios, driveways, or other paved areas that are not visible from a public right-of-way and measure no more than 150 square feet in size;

Replacement of existing walkways, parking pads, patios, driveways, or other paved areas with materials that are compatible with the visual character of the historic site and district and that are no greater than the dimensions of the existing hardscape;

Construction of small accessory buildings no larger than 250 square feet in size that are not visible from the public right-of-way;

Installations of skylights on the rear of a structure that will not be visible from the public right-of-way, and would not remove or alter character-defining roof materials;

Installation of solar panels and arrays in locations that are not readily visible from the public right-of-way or that are designed so as to have a minimal impact on the historic resource or the historic district (e.g., systems that are ground-mounted in areas other than the front or side yard of a corner lot, located on accessory or outbuildings, on non-historic additions, or on rear facing roof planes);

Installation of car charging stations in any location on a property or in the right-of-way;

Installation of satellite dishes;

Removal of trees greater than 6" in diameter (d.b.h.) that are dead, dying, or present an immediate hazard.

Removal of trees greater than 6" in diameter (d.b.h.) in the rear of the property that will not impact the overall tree canopy of the surrounding district or historic site;

Replacement tree required as a condition; and,

Other minor alterations that may be required by the Department of Permitting Services post-Commission approval that would have no material effect on the historic character of the property.

Staff finds the proposal complies with Chapter 24A, the Secretary of the Interior's Standards for Rehabilitation, and any additional requisite guidance. Under the authority of COMCOR No. 24A.04.01, this HAWP is approved by J. Brueckert on _____. The approval memo and stamped drawings follow.



HISTORIC PRESERVATION COMMISSION

Marc Elrich
County Executive

Robert K. Sutton
Chairman

Date: April 5, 2023

MEMORANDUM

TO: Mitra Pedoeem
Department of Permitting Services

FROM: Dan Bruechert
Historic Preservation Section
Maryland-National Capital Park & Planning Commission

SUBJECT: Historic Area Work Permit #1024719 - Window Replacement

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP). This application was **Approved** by the HPC Staff.

The HPC staff has reviewed and stamped the attached construction drawings.

THE BUILDING PERMIT FOR THIS PROJECT SHALL BE ISSUED CONDITIONAL UPON ADHERENCE TO THE ABOVE APPROVED HAWP CONDITIONS AND MAY REQUIRE APPROVAL BY DPS OR ANOTHER LOCAL OFFICE BEFORE WORK CAN BEGIN.

Applicant: David Pewett
Address: 8201 Bradley Ln., Chevy Chase

This HAWP approval is subject to the general condition that the applicant will obtain all other applicable Montgomery County or local government agency permits. After the issuance of these permits, the applicant must contact this Historic Preservation Office if any changes to the approved plan are made. Once work is complete the applicant will contact Dan Bruechert at 301.563.3400 or dan.bruechert@montgomeryplanning.org to schedule a follow-up site visit.



APPROVED
 Montgomery County
 Historic Preservation Commission



REVIEWED
 By Dan.Bruechert at 3:01 pm, Apr 05, 2023

Prep By	Bid No	Rev	Job Reference
MAH	1047	1	

Customer / Client Name		
CASE DESIGN		
Quote Date	Job / Site Name	
3/2/2023	PEWETT JOB	
Phone #		Fax #
301-275-2099		
Mobile Phone #	Other Phone #	Email Address

Attention: ADRIAN ANDREASSI



Quality Craftsmanship Since 1947
 LINCOLN WOOD PRODUCTS, INC.

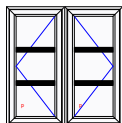


R.O. Allowance (Width = 1/2"-Height = 1/2")

M.O. Allowance (Width = 1/4"-Height = 1/4")

SHOWN AT NET PRICE

Line # 1



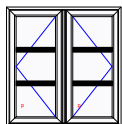
R.O. 36-1/2" x 38-1/2"
U.D. 36" x 38"
M.O. 36-1/4" x 38-1/4"
O.A. Box Size 36x38"

- CSMT-2; LR; White Alum Clad
AAMA.2605; LoE-272
Box Size: 36x38
Custom Height
White Screen Applied
BetterVue Mesh
Preserve Glass
Silver Spacer
2" SDL (1W3H) No Internal Grids
4-9/16" Jamb
1-3/4" Sash Thickness
Profiled Sash Cladding
White Hardware
Primed Interior
Primed Interior - Divided Lite
(Glass Size: 13x33)

Sash 1
U-Factor=0.3
SHGC=0.24
Visible Transmittance=0.4
PG=CW-PG50-MA
CERTIFIED MULL RATING

3 Each @ \$1,218.22 \$3,654.66

Line # 2



R.O. 36" x 38-1/2"
U.D. 35-1/2" x 38"
M.O. 35-3/4" x 38-1/4"
O.A. Box Size 35-1/2x38"

- FRENCH-CSMT; 13-3/16x33; LR;
White Alum Clad AAMA.2605;
LoE-272
Retractable Bronze Screen
Applied
BetterVue Mesh
Preserve Glass
Silver Spacer
2" SDL (1W3H) No Internal Grids
4-9/16" Jamb
1-3/4" Sash Thickness
Profiled Sash Cladding
White Hardware
Pushout Style Unit
Primed Interior
Primed Interior - Divided Lite

Sash 1
U-Factor=0.31
SHGC=0.25
Visible Transmittance=0.41
PG=PG-PG25-C
Single Unit Rating Only

1 Each @ \$2,388.67 \$2,388.67

APPROVED

Montgomery County
Historic Preservation Commission



REVIEWED
By Dan.Bruechert at 3:01 pm, Apr 05, 2023



Line # 3



R.O. 19" x 19"
U.D. 18-1/2" x 18-1/2"
M.O. 18-3/4" x 18-3/4"
O.A. Box Size 18-1/2x18-1/2"

- CSMT-1; S; White Alum Clad
AAMA.2605; LoE-272
Box Size: 18-1/2x18-1/2
Custom Width
Custom Height
1 Vent Deduct (13-1/2x13-1/2)
Preserve Glass
Silver Spacer
4-9/16" Jamb
1-3/4" Sash Thickness
Profiled Sash Cladding
Primed Interior
(Glass Size: 13-1/2x13-1/2)

Sash 1
U-Factor=0.28
SHGC=0.34
Visible Transmittance=0.57
PG=CW-PG50-FW
Single Unit Rating Only

1 Each @ \$485.35 \$485.35

Quoted prices are subject to correction of computational errors.

TOTAL NET PRICE	\$6,528.68
STATE (Taxable Amt: \$6,528.68)	\$391.72
TOTAL QUOTATION PRICE	\$6,920.40



REVIEWED
By Dan.Bruechert at 3:01 pm, Apr 05, 2023



**CSI SPECIFICATION FOR
ALUMINUM CLAD CASEMENT WINDOW**

**SECTION 08 52 13
WOOD WINDOWS & CLAD WOOD WINDOWS**

MANUFACTURER:
Lincoln Wood Products, Inc.
1400 W. Taylor St.
Merrill, WI 54452
Phone: 1-800-967-2461
Website: www.lincolnwindows.com

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Aluminum clad wood crank out & push out casement windows/push out french casement windows with accessories and components as required.

1.2 RELATED SECTIONS

- A. Section 01 33 00 – Submittal Procedures.
- B. Section 01 62 00 – Product Options
- C. Section 01 65 00 – Product Delivery Requirements.
- D. Section 01 66 00 – Product Storage and Handling Requirements.
- E. Section 06 10 00 – Rough Carpentry.
- F. Section 06 20 00 – Finish Carpentry.
- G. Section 01 71 00 – Examination & Preparation
- H. Section 01 73 00 – Execution
- I. Section 01 74 00 – Cleaning & Waste Management
- J. Section 01 76 00 – Protecting Installed Construction
- K. Section 07 90 00 – Joint Sealants.
- L. Section 08 80 00 – Glazing.
- M. Section 09 90 00 – Painting and Coating.

1.3 REFERENCED STANDARDS

- A. American Society for Testing and Materials (ASTM):
 - 1. ASTM C1036 - Flat Glass
 - 2. ASTM C1048 - Standard Specification for Heat-Strengthened and Fully Tempered Flat Glass
 - 3. ASTM D3656 – Standard Specification for Insect Screening and Louver Cloth Woven from Vinyl-Coated Glass Yarns.
 - 4. ASTM E283 - Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors.
 - 5. ASTM E330 - Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Performance.
 - 6. ASTM E547 - Water Penetration of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure
 - 7. ASTM E2190 - Spigot Test for Seals in Glass Units.
 - 8. ASTM F588 - Standard Test Method for Measuring the Force Required to Operate Window Assemblies, Excluding

1.3 REFERENCED STANDARDS (continued)

- B. American Architectural Manufacturers Association / Window and Door Manufacturers Association / Canadian Standards Association. (AAMA/WDMA/CSA):
 - 1. AAMA/WDMA/CSA 101/I.S.2/A440-17/NAFS – North American Fenestration Standard/Specification for Windows, Doors and Skylights.
 - 2. AAMA/WDMA/CSA 101/I.S.2/A440-11/NAFS – North American Standard/Specification for Windows, Doors and Skylights.
 - 3. AAMA/DMA/CSA 101/I.S.2/A440-08/NAFS – North American Standard/Specification for Windows, Doors and Skylights.
- C. American Architectural Manufacturers Association (AAMA):
 - 1. AAMA 450 – Voluntary Performance Rating Method for Muller Fenestration Assemblies.
 - 2. AAMA 2605 – Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels.
 - 3. AAMA Gold Label Certification Program: Certification for Air, Water and Structural Performance Requirements and Thermal Performance Requirements (NFRC-100).
- D. National Fenestration Rating Council (NFRC):
 - 1. NFRC 100 - Procedure for Determining Fenestration Product U-Factors.
 - 2. NFRC 200 - Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence.
 - 3. NFRC 500 - Procedure for Determining Fenestration Product Condensation Resistance Values.
 - 4. ENERGY STAR® Compliant Models available.
- E. Insulating Glass Certification Council (IGCC).
- F. Safety glass tested in accordance with ANSI Z97.1.
- G. Screen Manufacturers Association (SMA):
 - 1. SMA-1201-2013 – Specifications for Insect Screens for Windows, Sliding Doors and Swinging Doors

PERFORMANCE REQUIREMENTS

Design and Performance Requirements:

- 1. Air, water, structural performance and forced entry resistance testing shall be at levels which meet the specifications as outlined in AAMA/WDMA/CSA 101/I.S.2/A440-11.
- 2. Mullion performance shall meet the specifications as outlined in AAMA 450

APPROVED
Montgomery County
Historic Preservation Commission



REVIEWED
By Dan.Bruechert at 3:01 pm, Apr 05, 2023



CSI SPECIFICATION FOR ALUMINUM CLAD CASEMENT WINDOW

SECTION 08 52 13 WOOD WINDOWS & CLAD WOOD WINDOWS

1.4 PERFORMANCE REQUIREMENTS (continued)

3. Energy Requirements: All units tested are single lite residential as listed on the NFRC label adhered to the glass. Values are certified per NFRC Certification Program.
4. Emergency Escape & Rescue: Units with standard hardware, as designated, shall comply with the International Residential Code (minimum clear opening of 5.7 sq.ft. or 5 sq. ft. for grade floor).

Note: Up to date performance data can be found in the technical data section on our website at www.lincolnwindows.com

1.5 SUBMITTALS

- A. Shop Drawings: Submit the following in accordance with Section 01 33 23 – Shop drawings showing rough openings and unit dimensions, product data and samples.
- B. Product data: submit manufacturer's product catalog data and installation guides.
- C. Samples:
 1. Corner cutaway: Corner cutaway, including glazing system, quality of construction and specified exterior/interior finishes.
 2. Exterior: Color samples of exterior color finishes.
 3. Hardware: Samples indicating typical hardware styles and finishes.
- D. Quality Control: Manufacturer's test results reported by independent laboratory indicating compliance with specified performance and design requirements, as listed in 1.4 Performance Requirements, according to Section 01 33 26 – Source Quality Control Reporting.

1.6 QUALITY ASSURANCE

- A. ASTM E2190-08 - Sealed Durability of Insulating Glass
- B. ASTM E2649-09 - Argon Gas Concentration of Insulating Glass Units
- C. Harmonized Insulating Glass Testing Standards as designated by IGCC and IGMAC.
- D. NFRC Certification Program for Energy Ratings of Fenestration Products.
- E. AAMA Certification Program. AAMA Gold Label.

1.7 PRODUCT DELIVERY REQUIREMENTS

- A. Comply with the product delivery requirements specified in Section 01 65 00 - Product Delivery Requirements.

1.8 PRODUCT STORAGE AND HANDLING REQUIREMENTS

- A. Comply with the requirements for storage and handling of products as specified in Section 01 66 00 – Product Storage and Handling Requirements.
- B. Store units in a dry location, off the ground, under cover, protected from weather and construction activities.

1.9 WARRANTIES

- A. Lincoln Wood Products, Inc. provides a ten (10) year limited warranty on general product found to be defective by virtue of materials or workmanship. Glass is covered for seal failure causing impaired visibility due to moisture, film or dust between the glass panes for twenty (20) years on insulated glass. For complete details, terms, conditions, limitations and exclusions, reference the most current warranty, available at www.lincolnwindows.com.
- B. Standard exterior aluminum cladding finish is warranted against manufacturing defects resulting in chalk, fade and loss of adhesion (peel) per AAMA 2605-13 Section 8.4 & 8.9 for twenty (20) years from the original date of purchase.

PART 2 - PRODUCTS

2.1 MANUFACTURED UNITS

- A. Aluminum clad wood crank out & push out casement windows as specified in this section and as manufactured by Lincoln Wood Products, Inc., Merrill, Wisconsin.

2.2 MATERIALS

- A. FRAME & SASH:
 1. Kiln-dried selected soft woods, treated with water repellent preservative. Frame depth shall be 4-9/16" with jamb extensions available up to 10". Head, sill and side jambs shall be 1-3/16" thick. Sash thickness shall be 1-3/4" or 2-1/4". Mechanically fastened mitered frame corners and mortise/tenon sash corners.
 2. Interior finish options:
 - a. Factory applied enamel primer available on pine product only. Meets WDMA TM-11 requirements.
 - b. Painted interior finish available on pine product only. Available in white or black
- B. METAL CLADDING AND FINISH:
 1. Exterior of Frame & Sash: .050" extruded aluminum painted to meet AAMA 2605 paint performance requirements. Miter joint frame corners and butt joint sash corners, gasket sealed and snapped onto wood substrate.
 2. Color: As Scheduled.
- C. GLAZING:
 1. Select quality complying with ASTM C1036. Insulating glass IGCC certified to performance level CBA when tested in accordance with ASTM E2190.
 2. Insulated glass consisting of 2 or 3 lites of glass.
 3. Glass airspace: Air or Argon. *High altitude IG and IG units with glass less than 12" width or height has open breather tube and will not contain argon gas.*
 4. Glass types: Clear, Low-E, Tempered, Tinted Bronze or Gray, Obscure.
 5. Spacer: Stainless steel.



CSI SPECIFICATION FOR ALUMINUM CLAD CASEMENT WINDOW

SECTION 08 52 13 WOOD WINDOWS & CLAD WOOD WINDOWS

2.2 MATERIALS (continued)

- D. WEATHERSTRIPPING:
 - 1. Foam bulb around sash perimeter.
 - 2. Continuous foam bulb around frame perimeter.
- E. SCREEN: Factory-finished aluminum frame with charcoal fiberglass cloth mesh
- F. HARDWARE:
 - 1. OPERATOR: Worm gear operator, with dual arm action for operating sash. No operator on push-out units.
 - 2. SASH LOCKS: Units are locked using a concealed single point or multi-point locking system.
 - 3. HINGES: Adjustable concealed hinges with nylon sliding bearing, reinforced with steel. Hinge track is stainless steel and fastened with stainless steel screws.
 - 4. HANDLES: Standard operating handle is a zinc painted folding handle with molded plastic cover.
 - 5. SNUBBER: Units have one, two or three sash snubbers located on the side jamb dependent on height.

2.3 ACCESSORIES AND TRIM

- A. INSTALLATION CLIPS: Shipped loose or factory applied
- B. EXTERIOR EXTRUDED ALUMINUM CASINGS:
 - 1. 2" Clad Brickmould
 - 2. 4" Clad Brickmould
 - 3. 4" Clad Flat Casing
 - 5. 2' Clad Bullnose Casing
- C. INSECT SCREEN: Screen shall be spring mounted with lift rail for easy installation and removal.
- D. NAILING FLANGE: Manufacturer's standard nailing flange and drip cap. Optional metal nailing fin and metal drip cap.
- E. STANDARD WOOD GRILLES: 5/8", 7/8", 1" Profiled select wood for attachment to interior of sash and designed for removal for glass cleaning.
- F. FULL SURROUND GRILLES: 5/8", 7/8", 1", 1-7/8" Profiled select wood for attachment to interior of sash and designed for removal for glass cleaning
- G. GRILLES BETWEEN GLASS: 11/16" profiled aluminum grilles permanently sealed between two panes of insulating glass. Color to match exterior cladding unless otherwise scheduled.
- H. SIMULATED DIVIDED LITES: Available in 2", 1-1/8", 7/8" & 5/8" bar widths. Lite division is accomplished with the application of interlocking aluminum grids on the exterior and interlocking wood grids on the interior, both secured to the glass lite with an adhesive glazing tape. Glass may be with or without internal grid, as designated by customer.
- I. INTERIOR EXTENSION JAMBS: Kiln-dried selected softwood, for transparent interior finish.

PART 3 - EXECUTION

3.1 INSPECTION

- A. Verify rough openings are correctly sized and located.
- B. Beginning of installation means acceptance of existing conditions.

3.2 PREPARATION

- A. Prepare opening to permit correct installation of window unit and air / vapor barrier seal.

3.3 INSTALLATION

- A. Install windows in accordance with manufacturer's instructions and drawings to ensure proper installation and operation.
- B. Align windows plumb and level, free of warp or twist. Maintain dimensional tolerances, aligning with adjacent work.
- C. Secure assembly to frame openings without distortion or stress.
- D. Ensure air and vapor barrier is sealed to window frame/installation flange.
- E. Fill perimeter frame to wall opening cavity per manufacture's installation instructions.
- F. Install sealant and related backing materials at exterior and interior of installed assembly per manufacturer's installation instructions.
- G. Apply approved sealant in accordance with Section 07 90 00 – Joint Protection
- H. Do not puncture aluminum cladding.

3.4 ADJUSTING AND CLEANING

- A. Clean exterior and interior surfaces of window frames and glass after installation. Do not damage interior or exterior finishes
- B. Close and latch operating sash to ensure proper operation.
- C. Lubricate hardware and moving parts as required to ensure smooth operation.
- D. Adjust operating sash and hardware to provide tight fit at contact points and at weather-stripping for smooth operation.
- E. Remove labels and visible markings.
- F. Comply with manufacturer's recommendations for cleaning glass.

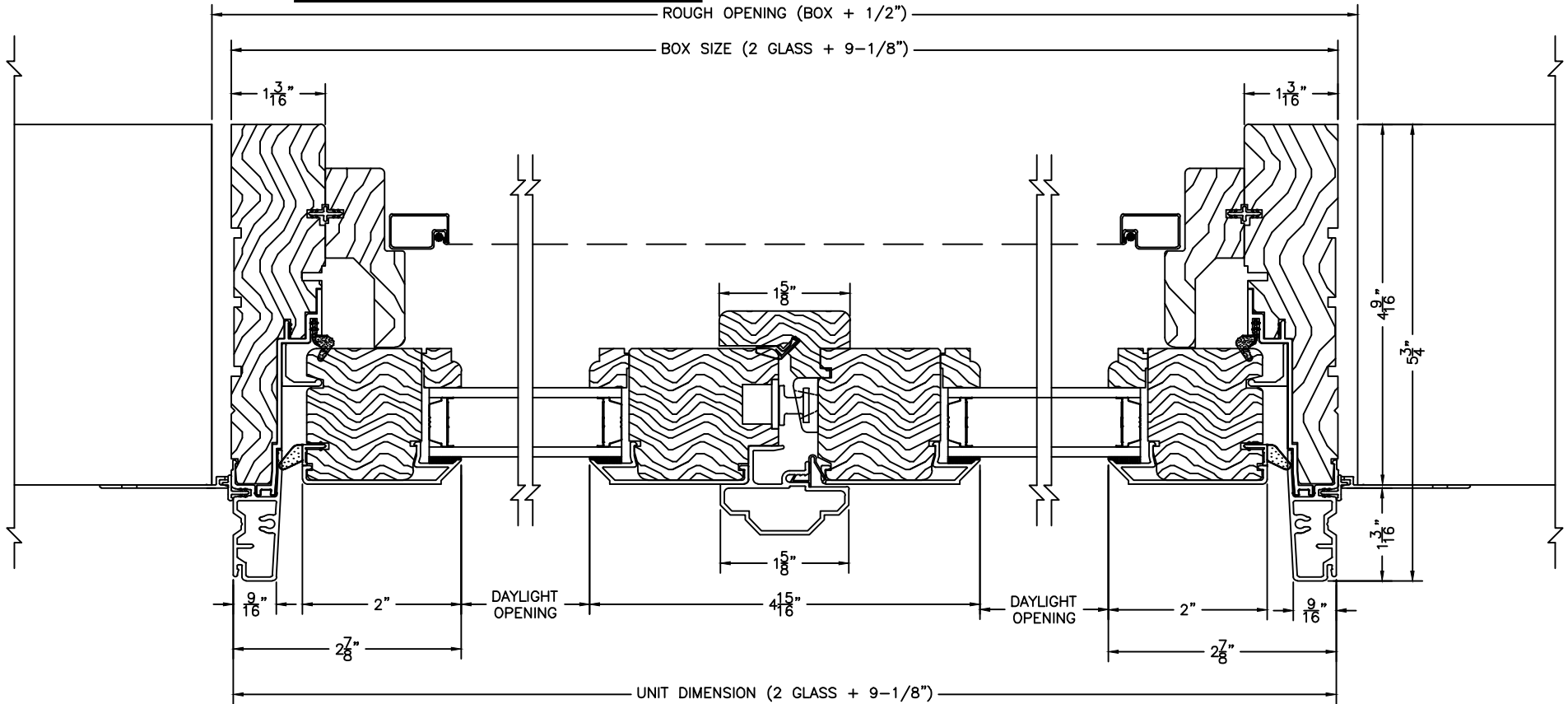
END OF SECTION

APPROVED
Montgomery County
Historic Preservation Commission



REVIEWED

By Dan.Bruechert at 3:01 pm, Apr 05, 2023



**ALUMINUM CLAD FRENCH CASEMENT
HORIZONTAL SECTION**

SCALE: 6" = 1' 0"

LINCOLN WOOD PRODUCTS, INC.

1400 W. TAYLOR ST. Merrill, WI 54452 (715) 536-2461

