



HISTORIC PRESERVATION COMMISSION

Marc Elrich
County Executive

Robert Sutton
Chairman

Date: June 15, 2023

MEMORANDUM

TO: Rabbiah Sabbakhan
Department of Permitting Services

FROM: Michael Kyne
Historic Preservation Section
Maryland-National Capital Park & Planning Commission

SUBJECT: Historic Area Work Permit #1029753: Fire damage repair, roof repair, window replacement, chimney replacement, other alterations

The Montgomery County Historic Preservation Commission (HPC) has reviewed the attached application for a Historic Area Work Permit (HAWP). This application was **Approved** at the June 14, 2023 HPC meeting.

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: William McBride
Address: 26105 Frederick Road, Clarksburg

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 Michael Kyne at 301.563.3403 or Michael.Kyne@montgomeryplanning.org to schedule a follow-up site visit.





APPLICATION FOR HISTORIC AREA WORK PERMIT
HISTORIC PRESERVATION COMMISSION
301.563.3400

FOR STAFF ONLY:
HAWP#
DATE ASSIGNED

APPLICANT:

Name: E-mail:
Address: City: Zip:
Daytime Phone: Tax Account No.:

AGENT/CONTACT (if applicable):

Name: E-mail:
Address: City: Zip:
Daytime Phone: Contractor Registration No.:

LOCATION OF BUILDING/PREMISE: MIHP # of Historic Property

Is the Property Located within an Historic District? Yes/District Name
No/Individual Site Name

Is there an Historic Preservation/Land Trust/Environmental Easement?
map of the property with documentation from the Easement holder

REVIEWED

By Michael Kyne at 11:31 am, Jun 15, 2023

Are other Planning and/or Hearing Examiner Approvals / Review Approvals?
(Conditional Use, Variance, Record Plat, etc.?) If YES, include it as supplemental information.

APPROVED
Montgomery County
Historic Preservation Commission
[Signature]

Building Number: Street:
Town/City: Nearest Cross Street:
Lot: Block: Subdivision: Parcel:

TYPE OF WORK PROPOSED: See the checklist on Page 4 to verify that all supporting items for proposed work are submitted with this application. Incomplete Applications will not be accepted for review. Check all that apply:

- New Construction, Addition, Demolition, Grading/Excavation, Deck/Porch, Fence, Hardscape/Landscape, Roof, Shed/Garage/Accessory Structure, Solar, Tree removal/planting, Window/Door, Other:

I hereby certify that I have the authority to make the foregoing application, that the application is correct and accurate and that the construction will comply with plans reviewed and approved by all necessary agencies and hereby acknowledge and accept this to be a condition for the issuance of this permit.

Signature of owner or authorized agent

Date

HAWP APPLICATION: MAILING ADDRESSES FOR NOTIFYING
[Owner, Owner's Agent, Adjacent and Confronting Property Owners]

Owner's mailing address

Owner's Agent's mailing address

Adjacent and confronting Property Owners mailing addresses

REVIEWED

By Michael Kyne at 11:31 am, Jun 15, 2023

APPROVED

Montgomery County

Historic Preservation Commission



Description of Property: Please describe the building and surrounding environment. Include information on significant structures, landscape features, or other significant features of the property:

Description of Work Proposed: Please give an overview of the work to be undertaken:

REVIEWED

By Michael Kyne at 11:31 am, Jun 15, 2023

APPROVED

Montgomery County

Historic Preservation Commission




Robert G. Butler

Work Item 1: _____	
Description of Current Condition:	Proposed Work:

Work Item 2: _____	
Description of Current Condition:	Proposed Work:

REVIEWED
By Michael Kyne at 11:31 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission


Work Item 3: _____	
Description of Current Condition:	Proposed Work:

**HISTORIC AREA WORK PERMIT
CHECKLIST OF
APPLICATION REQUIREMENTS**

	Required Attachments						
Proposed Work	I. Written Description	2. Site Plan	3. Plans/Elevations	4. Material Specifications	5. Photographs	6. Tree Survey	7. Property Owner Addresses
New Construction	*	*	*	*	*	*	*
Additions/Alterations	*	*	*	*	*	*	*
Demolition	*	*	*		*		*
Deck/Porch	*	*	*	*	*	*	*
Fence/Wall	*	*	*	*	*	*	*
Driveway/Parking Area	*	*		*	*	*	*
Grading/Excavation/Landscaping	*	*		*	*	*	*
Tree Removal	*	*		*	*	*	*
Siding/ Roof Changes	*	*	*	*	*		*
Window/Door Changes	*	*	*	*	*		*
Masonry Repair/Repoint	*	*	*	*	*		*
Signs	*	*	*	*	*		*

REVIEWED
By Michael Kyne at 11:31 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission





FOR STAFF ONLY:
HAWP# 1029753
DATE ASSIGNED _____

APPLICATION FOR HISTORIC AREA WORK PERMIT

HISTORIC PRESERVATION COMMISSION
301.563.3400

#1029753

APPLICANT:

Name: William McBride

E-mail: bmcbride4@gmail.com

Address: 26105 Frederick Road

City: Clarksburg Zip: 20871

Daytime Phone: 2409940014

Tax Account No.: _____

AGENT/CONTACT (if applicable):

Name: _____

E-mail: _____

Address: _____

City: _____ Zip: _____

Daytime Phone: _____

Contractor Registration No.: _____

LOCATION OF BUILDING/PREMISE: MIHP # of Historic Property _____

Is the Property Located within an Historic District? Yes/District Name Hyattstown

Is there an Historic Preservation/Land Trust/Environmental Easement on the map of the property? No/Individual _____

REVIEWED
By Michael Kyne at 11:31 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission

Are other Planning and/or Hearing Examiner Approvals / Review (Conditional Use, Variance, Record Plat, etc.?) If YES, include info supplemental information.

Building Number: 26105

Street: Frederick

Town/City: Clarksburg

Nearest Cross Street: _____

Lot: 77

Block: _____

Subdivision: _____ Parcel: _____

TYPE OF WORK PROPOSED: See the checklist on Page 4 to verify that all supporting items for proposed work are submitted with this application. Incomplete Applications will not be accepted for review. Check all that apply:

- | | | |
|---|--|---|
| <input type="checkbox"/> New Construction | <input type="checkbox"/> Deck/Porch | <input type="checkbox"/> Shed/Garage/Accessory Structure |
| <input type="checkbox"/> Addition | <input type="checkbox"/> Fence | <input type="checkbox"/> Solar |
| <input type="checkbox"/> Demolition | <input type="checkbox"/> Hardscape/Landscape | <input type="checkbox"/> Tree removal/planting |
| <input type="checkbox"/> Grading/Excavation | <input checked="" type="checkbox"/> Roof | <input checked="" type="checkbox"/> Window/Door |
| | | <input checked="" type="checkbox"/> Other: <u>Fire Rehab Construction</u> |

I hereby certify that I have the authority to make the foregoing application, that the application is correct and accurate and that the construction will comply with plans reviewed and approved by all necessary agencies and hereby acknowledge and accept this to be a condition for the issuance of this permit.

Signature of owner or authorized agent

04.29.23

Date

1029753

HAWP APPLICATION: MAILING ADDRESSES FOR NOTIFYING [Owner, Owner's Agent, Adjacent and Confronting Property Owners]	
Owner's mailing address 26105 Frederick Road Clarksburg, MD 20871	Owner's Agent's mailing address
Adjacent and confronting Property Owners mailing addresses	
Serina Parwani 26101 Frederick Road Clarksburg, MD 20871	Wayne Hawse 26111 Frederick Road Clarksburg, MD 20871
26025 Frederick Road, Clarksburg 20871	26029 Frederick Road, Clarksburg 20871

REVIEWED
By Michael Kyne at 11:31 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission



Description of Property: Please describe the building and surrounding environment. Include information on significant structures, landscape features, or other significant features of the property:

Single family home set approximately 250 feet from Rt. 355 in historic Hyattstown. The dwelling caught fire on 12/19/22. The chimney and much of the side of the house facing 355 were lost during the fire. The house has a nice sized Magnolia Gran Flora tree in front of the house. The porch wraps around 3 sides of the home. The front roofline of the house has two gables.

Description of Work Proposed: Please give an overview of the work to be undertaken:

The house will be rehabbed following the fire. This includes inside construction, HVAC replacement; partial roof replacement; and partial porch roof replacement. The second floor wood windows as well as wood rear and side doors will be replaced with like materials. Wood board and batten siding will be replaced with like materials. Siding and window frames will be painted with like color.

We need to change three features of the house from the current design.

Our proposal is:

- ~~1. Change the two arched windows in the attic with rectangular wood windows.~~
2. Change the two octagonal windows in the bathrooms with rectangular wood windows.
3. Change the construction of the chimney to match the height and pitch of the covered porch with bare chimney pipe extending up the exterior of the house.
4. Replace the two gothic-arched dormer windows in-kind.

REVIEWED

By Michael Kyne at 11:31 am, Jun 15, 2023

APPROVED

Montgomery County
Historic Preservation Commission



Work Item 1: Attic Windows

Description of Current Condition:
The arched windows located in the gable were heat and smoke damaged in the fire; obscured view from Frederick Road

Proposed Work:
Replace these windows with wood arched windows

Work Item 2: Octagonal Windows

Description of Current Condition:
Non-functional octagonal windows; not visible from Frederick Road

Proposed Work:
Replace these windows with wood rectangular windows that match the smaller window size and function found on 1st floor in the east side of house.

REVIEWED
By Michael Kyne at 11:31 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission


Work Item 3: Chimney

Description of Current Condition:
Wood encased chimney that extended 3 feet above roof line was completely lost during the fire. Obscured view from Frederick Road.

The fire started in the wood encased chimney between the 1st and 2nd floor. The chimney was serviced on 11/02/22. The fire inspector indicated no fault.

Proposed Work:
To reduce risk of future fires: Replace full length double walled metal chimney; Wood encasement will match the height and pitch of the covered porch that abuts it. Bare chimney pipe secured to the house to 3 feet above roof line.

REVIEWED
By Michael Kyme at 11:33 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission
Robert A. Porter

Window to be replaced with Anderson 400 Gothic arched window. Match the existing size.

Window to be replaced with Anderson 400 Gothic arched window. Match the existing size.



REVIEWED
By Michael Kyme at 11:33 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission
Robert A. Korte



REVIEWED
By Michael Kyrle at 11:33 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission
Robert A. Porter



REVIEWED
By Michael Kyme at 11:33 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission
Robert A. Hoover



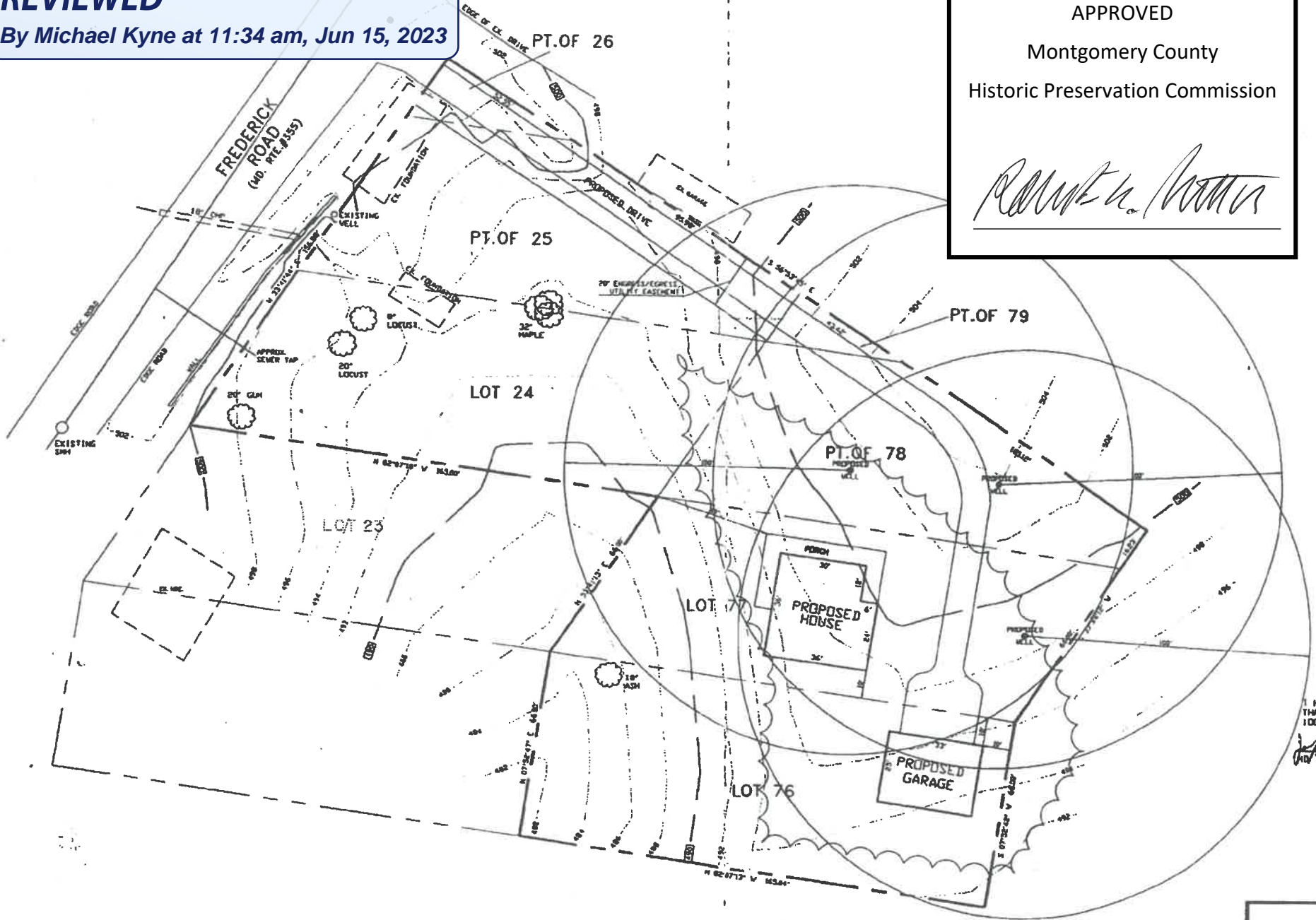
REVIEWED

By Michael Kyne at 11:34 am, Jun 15, 2023

APPROVED

Montgomery County

Historic Preservation Commission



PROFESSIONAL SURVEYOR

SURV

I HEREBY CERTIFY THAT THERE ARE 100' OF THE PROJECTED AREA SHOWN ON THIS PLAN.
[Signature]
REG. PROFES

WI
1
P
B

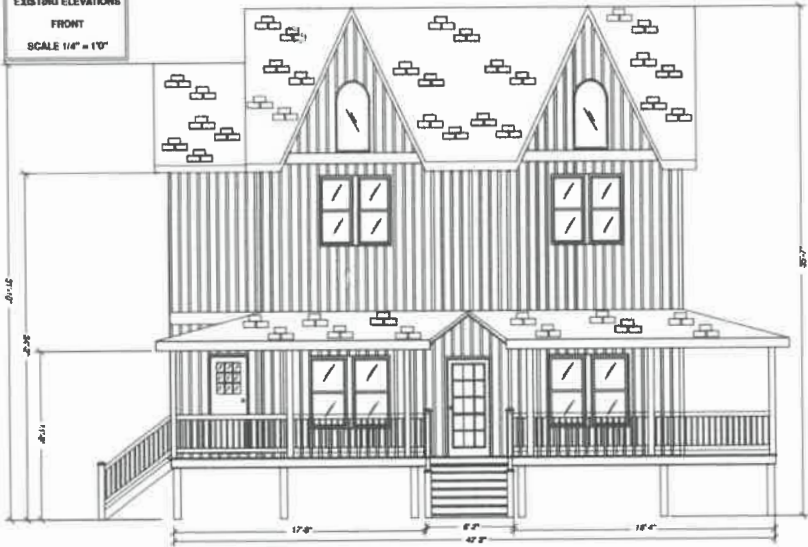
REVIEWED

By Michael Kyne at 11:35 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission



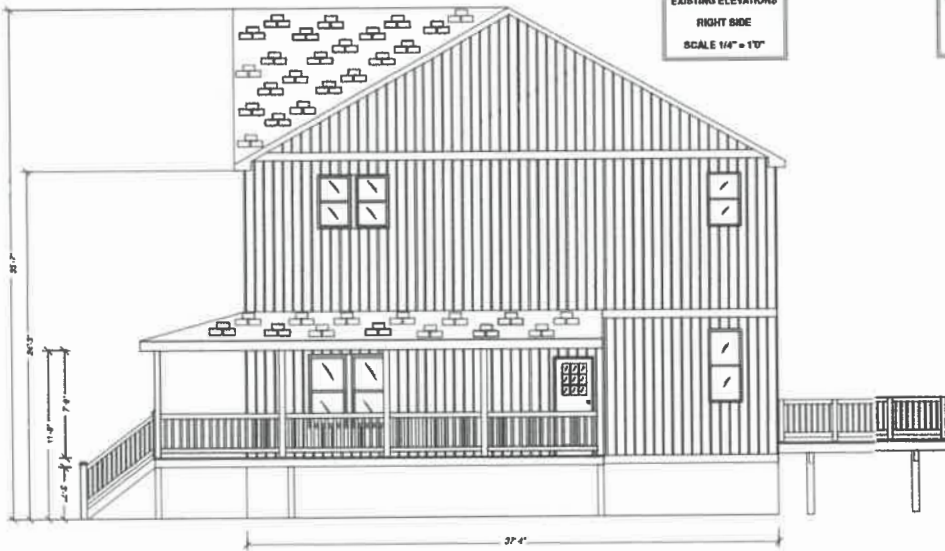
EXISTING ELEVATIONS
FRONT
SCALE 1/4" = 1'0"



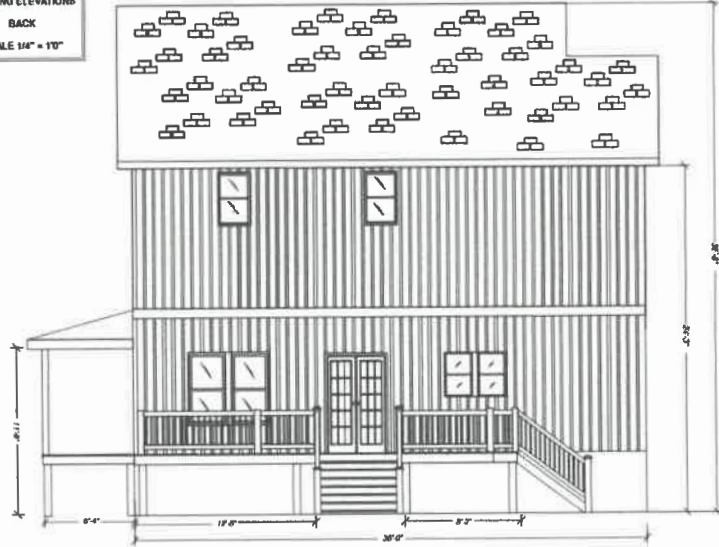
EXISTING ELEVATIONS
LEFT SIDE
SCALE 1/4" = 1'0"



EXISTING ELEVATIONS
RIGHT SIDE
SCALE 1/4" = 1'0"



EXISTING ELEVATIONS
BACK
SCALE 1/4" = 1'0"



PROJECT NAME, PREPARED BY
BILLYMORRIS
2516 FREDRICK RD
CLARKSBURG, MD
20871

DRAWING TITLE
EXISTING ELEVATIONS
SCALE 1/4" = 1'

SUN'S LOWES HOME DESIGNS INC
4556 BLACKFOOT DR
BALTIMORE MD 21208
301.522.2118

PROJECT	DATE
1/4" = 1'	3/11/2023
SCALE	AMANDA
DRAWN BY	
DWG NO.	A2
SHEET 1 OF 1	

REVIEWED

By Michael Kyne at 11:35 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission



E

ENGINEERING, LL
BRIDGE PL.
74032
301-886-7590
info@pms-structural.com

26105 Frederick Road, Clarksburg, MD 20871

FIRE DAMAGE STRUCTURAL REPAIR DESIGN
APRIL 4, 2023

PROJECT INFORMATION

EXISTING USE
RESIDENTIAL DETACHED DWELLING
PROPOSED USE
RESIDENTIAL DETACHED DWELLING
SCOPE OF WORK:
FIRE-DAMAGED STRUCTURAL REPAIR

DESIGN CRITERIA

- A. CODES AND STANDARDS
 1. BUILDING CODE 2018 OF MARYLAND & AMENDMENTS
 2. INTERNATIONAL BUILDING CODE 2018 (IBC 2018)
 3. INTERNATIONAL RESIDENTIAL CODE 2018 (IRC 2018)
 4. ASCE7-16
 5. ANSI/AWC NDS-2018
- B. DESIGN LOADS
 1. RISK CATEGORY II
 2. LIVE LOADS
 - FLOOR LIVE LOAD 40 PSF
 - ROOF LIVE LOAD 30 PSF
 3. SUPER DEAD LOAD 15 PSF
 - DEAD LOAD MATERIAL SELF-WEIGHT
 4. SNOW LOADS
 - GROUND SNOW $P_g=30$ PSF
 - SNOW IMPORTANCE FACTOR $I_s=1.0$
 - SNOW EXPOSURE FACTOR $C_e=0.9$
 - SNOW THERMAL FACTOR $C_t=1.2$
 - ROOF SNOW LOAD $P_f=25.2$ PSF
 - SNOW DRIFT PER ASCE7
 5. WIND LOAD
 - WIND SPEED 115 MP
 - EXPOSURE B
 - INT PRESSURE COEFF. $-/-0.18$

GENERAL NOTES:

1. WORK PERFORMED SHALL COMPLY WITH THE FOLLOWING
 - A. GENERAL NOTES UNLESS OTHERWISE NOTED ON PLANS
 - B. BUILDING CODE AS SPECIFIED, AND BY ALL APPLICABLE LOCAL AND STATE CODES, ORDINANCES AND REGULATIONS
 - C. IN AREAS WHERE THE DRAWINGS DO NOT ADDRESS METHODICALLY, THE CONTRACTOR SHALL BE BOUND TO PERFORM IN STRICT COMPLIANCE WITH MANUFACTURER'S SPECIFICATION AND/OR RECOMMENDATIONS
 2. ON-SITE VERIFICATION OF ALL DIMENSIONS & CONDITIONS SHALL BE RESPONSIBILITY OF THE GENERAL CONTRACTOR & HIS SUBCONTRACTORS
 3. THE CONTRACTOR SHALL COMPARE & COORDINATE ALL DRAWINGS: WHEN IN THE OPINION OF THE CONTRACTOR, A DISCREPANCY EXISTS HE/SHE SHALL PROMPTLY NOTIFY ENGINEER IN WRITING, BEFORE PROCEEDING WITH THE WORK OR HE/SHE SHALL BE RESPONSIBLE FOR THE RESULTS OF HIS ACTIONS
 4. IN THE EVENT THAT CERTAIN FEATURES OF THE CONSTRUCTION ARE FULLY SHOWN ON DRAWINGS, CURRENT NATIONAL, STATE & LOCAL CODES, ORDINANCES, REGULATIONS OF AGREEMENT SHALL GOVERN
 5. ALL DEBRIS TO BE REMOVED FROM SITE
 6. ALLEY AND/OR STREETS/SIDEWALKS SHALL BE SWEEP CLEAN AT ALL TIMES DURING CONSTRUCTION
 7. ENGINEER WILL NOT BE RESPONSIBLE FOR & WILL NOT HAVE CONTROL OVER CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OR FOR SAFETY PRECAUTIONS IN CONNECTION WITH WORK PERFORMED BY CONTRACTORS & SUBCONTRACTORS

MATERIAL SPECIFICATIONS.

- TIMBER
1. ALL TIMBER SHALL BE SOUTHERN PINE #2 OR BETTER, UON
 2. ANY TIMBER WITHIN 6" ABOVE GRADE SHALL BE PRESSURE TREATED W/ GALVANIZED OR ZINC-COATED FASTENERS.
 3. BASIS OF DESIGN FOR CONNECTION ACCESSORIES AND FASTENERS IS SIMPSON STRONG-TIE PRODUCTS, UON FOLLOW MANUFACTURER'S SPECIFICATIONS AND REQUIREMENTS
 4. MECHANICAL PROPERTIES OF ENGINEERED WOOD MATERIALS FOR ALLOWABLE STRESS DESIGN SHALL BE (PSI)
 - LVL BEAMS- $G=125,000$; $E=2 \times 10^{10}$; $F_b=2,600$; $F_t=1,895$; $F_{c \perp}=750$; $F_{c \parallel}=2,510$; $F_v=285$; $S_G=0.5$
 - PSL COLUMN- $G=112,500$; $E=1.8 \times 10^{10}$; $F_b=2,400$; $F_t=1,995$; $F_{c \perp}=545$; $F_{c \parallel}=2,500$; $F_v=190$; $S_G=0.5$
 - PSL BEAMS- $G=125,000$; $E=2 \times 10^{10}$; $F_b=2,900$; $F_t=2,300$; $F_{c \perp}=625$; $F_{c \parallel}=2,900$; $F_v=290$; $S_G=0.5$

ABBREVIATIONS

- B.O.D = BASIS OF DESIGN
- B.O.F = BOTTOM OF FOOTING
- CIP = CAST IN PLACE
- CONC = CONCRETE
- CONN = CONNECTION
- CONT = CONTINUOUS
- DET = DETAIL
- OC = ON CENTER
- EE = EACH END
- EL = ELEVATION
- ES = EACH SIDE
- EXST = EXISTING
- GF = GROUND FLOOR
- PAF = POWDER ACTUATED FASTENER
- SD = SIMPSON STRONG DRIVE
- SDS = SIMPSON STRONG DRIVE SCREW
- SIM = SIMILAR
- SOG = SLAB ON GRADE
- SP = SOUTHERN PINE
- TOD = TOP OF DECK
- TOFF = TOP OF FINISH FLOOR
- TOG = TOP OF GROUND LEVEL
- TOS = TOP OF SLAB
- TYP = TYPICAL
- UON = UNLESS OTHERWISE NOTED
- VIF = VERIFY IN FIELD
- W/ = WITH
- W/O = WITHOUT
- WWF = WELDED WIRE FABRIC

PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 54919, EXPIRATION DATE: 2024-12-2



No.	REVISION/ISSUE	DATE
2	PERMIT SET	2023-04-0
1	REVIEW SET	2023-02-1

PROJECT ADDRESS AND SCOPE:

26105 Frederick Road,
Clarksburg, MD 20871

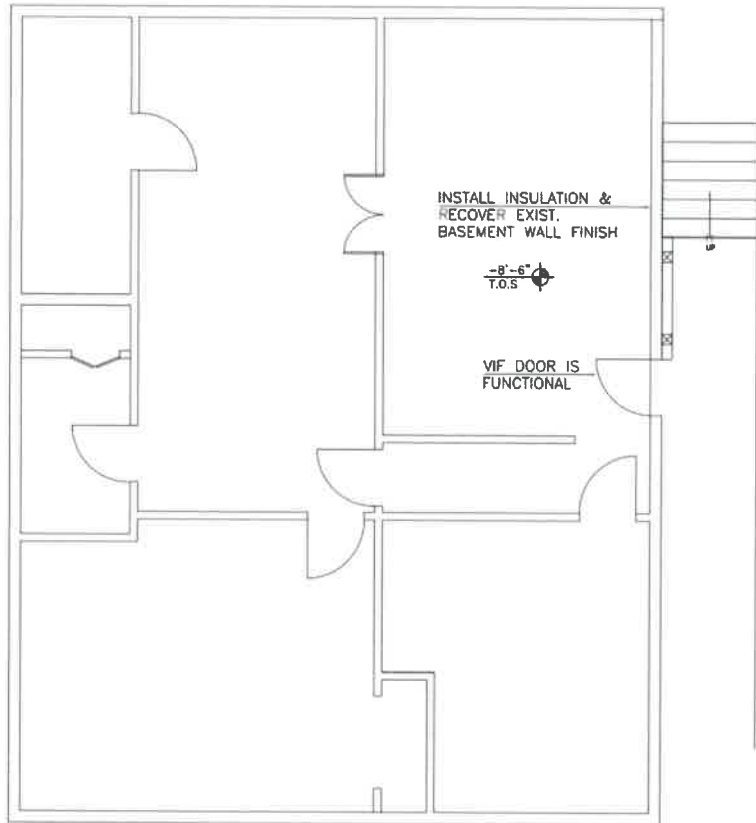
FIRE DAMAGE REPAIR

DESIGNED BY: AP	SHEET
DRAWN BY: ZA	0-00
CHECKED BY: AP	GENERAL NOTES
PAGE	1 OF 10

REVIEWED

By Michael Kyne at 11:35 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission



BASEMENT FLOOR LAYOUT PLAN

NOTES:
1. BASEMENT WALL SHALL HAVE A MINIMUM R VALUE OF 10.

SCALE: 3/16" = 1'

STRUCTURAL ENGINEERING, L.L.C.
1724 SHIPLEY BRIDGE PL.
SUITE 100 20832
1578 888-2548
info@premier-structural.com

PROFESSIONAL CERTIFICATION:
HEREBY CERTIFY THAT THESE
DOCUMENTS WERE PREPARED OR
APPROVED BY ME, AND THAT I AM A
FULLY LICENSED PROFESSIONAL
ENGINEER UNDER THE LAWS OF THE
STATE OF MARYLAND, LICENSE NO
44919, EXPIRATION DATE: 2024-12-2

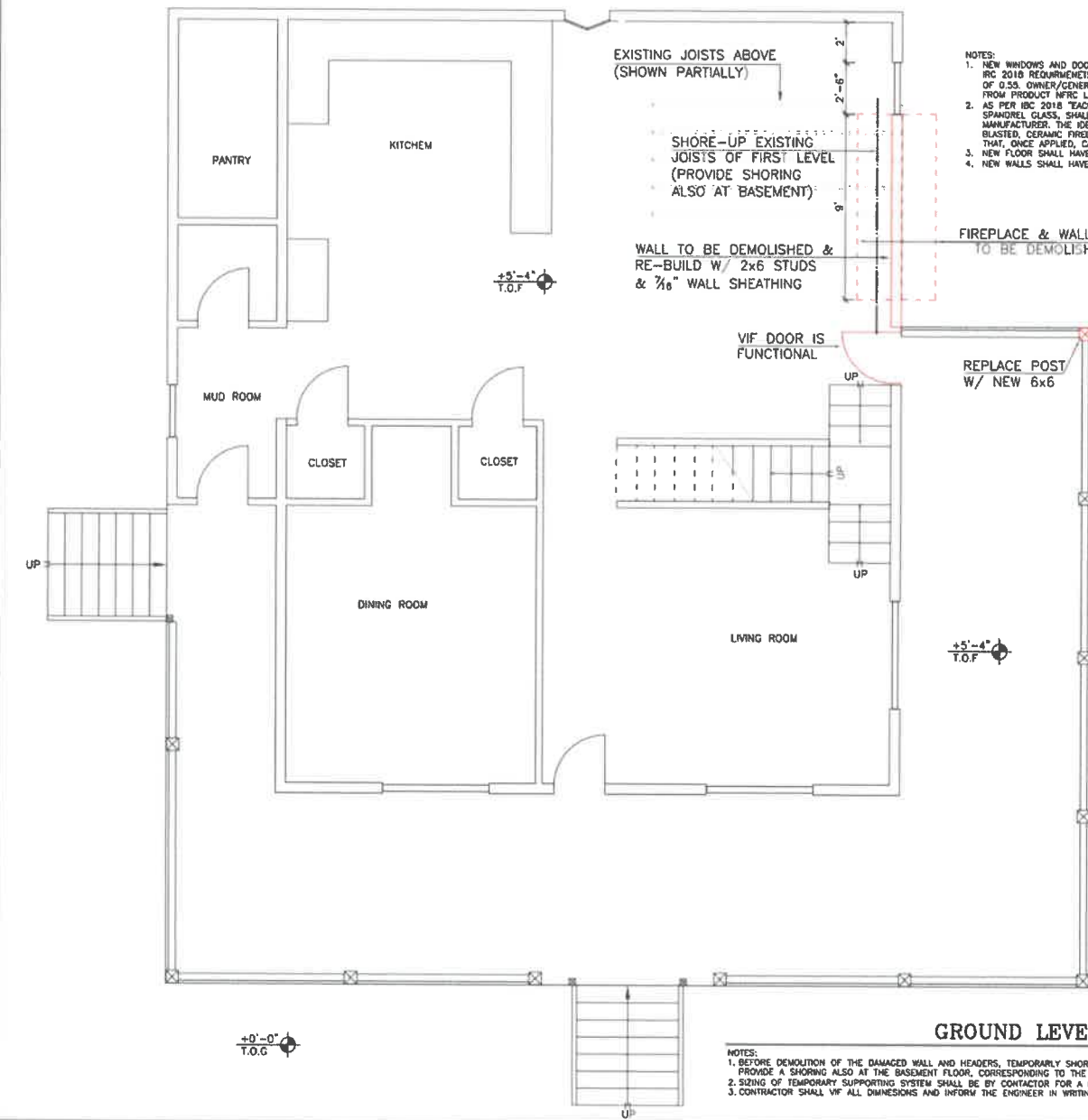


No.	REVISION/ISSUE	DATE
2	PERMIT SET	2023-04-0
1	REVIEW SET	2023-02-1

PROJECT ADDRESS AND SCOPE:
28106 Frederick Road,
Clarksburg, MD 20871
FIRE DAMAGE REPAIR

DESIGNED BY: AP	SHEET
DRAWN BY: ZA	A-1
CHECKED BY: AP	BASEMENT PLAN
PAGE	2 OF 10

REVIEWED
 By Michael Kyne at 11:35 am, Jun 15, 2023



- NOTES:
1. NEW WINDOWS AND DOORS SHALL BE STANDARD AND MEETING IRC AND IRC 2018 REQUIREMENTS WITH A MAXIMUM U FACTOR OF 0.32 AND SHGC OF 0.55. OWNER/GENERAL CONTRACTOR TO VERIFY U AND SHGC FACTORS FROM PRODUCT NFRC LABEL.
 2. AS PER IRC 2018 EACH PANE OF TEMPERED GLASS, EXCEPT TEMPERED SPANDREL GLASS, SHALL BE PERMANENTLY IDENTIFIED BY THE MANUFACTURER. THE IDENTIFICATION MARK SHALL BE ACID ETCHED, SAND BLASTED, CERAMIC FIRED, LASER ETCHED, EMBOSSED OR OF A TYPE THAT, ONCE APPLIED, CANNOT BE REMOVED WITHOUT BEING DESTROYED.
 3. NEW FLOOR SHALL HAVE A MINIMUM R OF 10.
 4. NEW WALLS SHALL HAVE A MINIMUM R VALUE OF 20 OR (13+5).



PERMOZ STRUCTURAL ENGINEERING, LL
 17934 SHARPLEY BRIDGE PI.
 CLYDE, MD 21032
 (301) 828-1590
 info@permoz-structural.com

PROFESSIONAL CERTIFICATION
 HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO 54919, EXPIRATION DATE: 2024-12-2



APPROVED
 Montgomery County
 Historic Preservation Commission

Robert H. Potter

- NOTES:
1. BEFORE DEMOLITION OF THE DAMAGED WALL AND HEADERS, TEMPORARILY SHORE-UP THE JOISTS SUPPORTED BY THESE MEMBERS TO BE REMOVED. PROVIDE A SHORING ALSO AT THE BASEMENT FLOOR, CORRESPONDING TO THE SHORING ABOVE, TO CREATE A CONTINUOUS LOAD-PATH TO GROUND.
 2. SIZING OF TEMPORARY SUPPORTING SYSTEM SHALL BE BY CONTRACTOR FOR A LINEAR LOAD OF MIN. 1,500 PLF AND MAXIMUM DEFLECTION OF 1/16".
 3. CONTRACTOR SHALL VIF ALL DIMENSIONS AND INFORM THE ENGINEER IN WRITING OF ANY DISCREPANCIES.

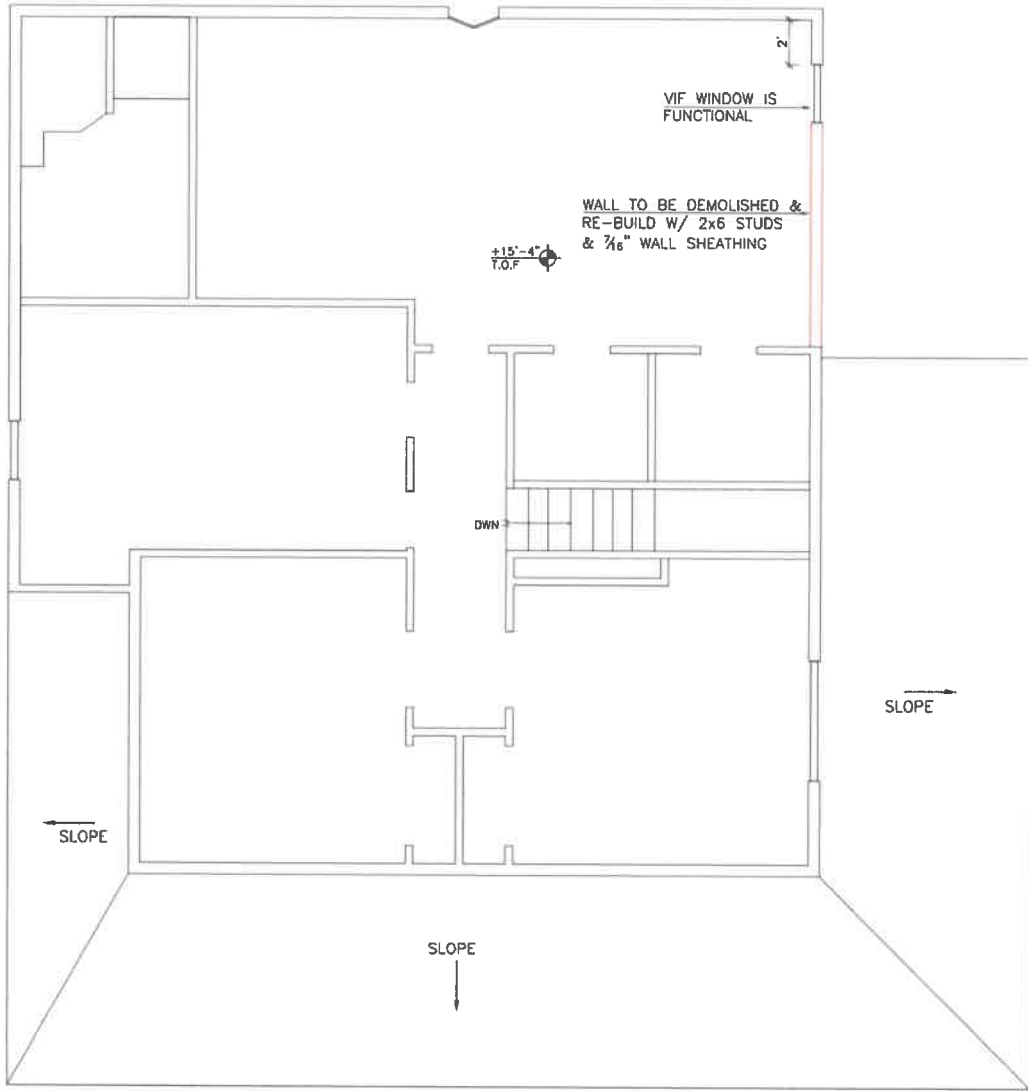
SCALE 3/16" = 1'

2	PERMIT SET	2023-04-0
1	REVIEW SET	2023-02-1
No.	REVISION/ISSUE	DATE

PROJECT ADDRESS AND SCOPE:
 20105 Frederick Road,
 Clarksburg, MD 20871
 FIRE DAMAGE REPAIR

DESIGNED BY: AP	SHEET
DRAWN BY: ZA	A-2
CHECKED BY: AP	GROUND FLOOR PLAN
PAGE	3 OF 10

REVIEWED
 By Michael Kyne at 11:35 am, Jun 15, 2023



PIRMOZ STRUCTURAL ENGINEERING, LLC
 17934 SHIPLEY ROAD PT.,
 OLNEY, MD 20852
 (301) 588-1550
 info@pseme1-structural.com

PROFESSIONAL CERTIFICATION:
 I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO 54919, EXPIRATION DATE: 2024-12-2



APPROVED
 Montgomery County
 Historic Preservation Commission

Pirmoz

2	PERMIT SET	2023-04-0
1	REVIEW SET	2023-02-1
No.	REVISION/ISSUE	DATE

PROJECT ADDRESS AND SCOPE:
 88108 Frederick Road,
 Clarksburg, MD 20671
 FIRE DAMAGE REPAIR

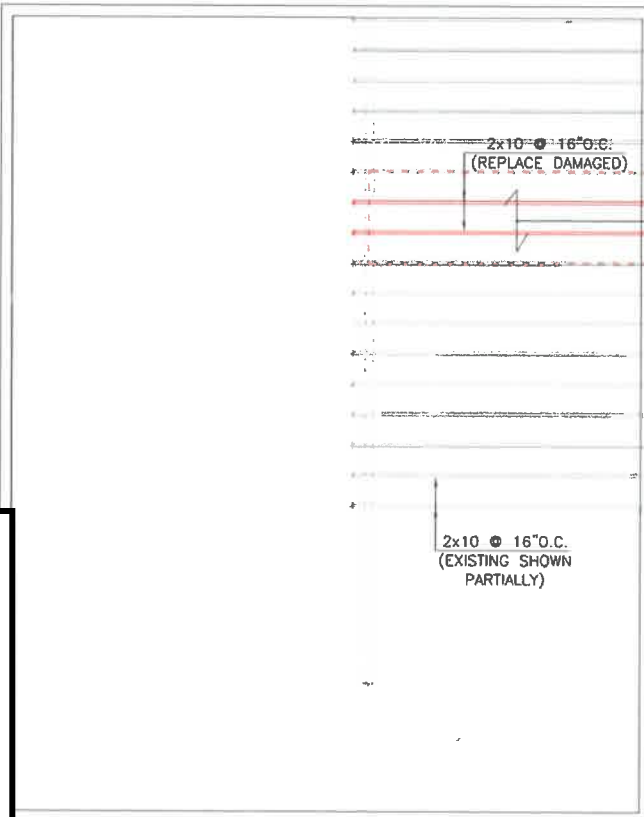
DESIGNED BY: AP	SHEET
DRAWN BY: ZA	A-3
CHECKED BY: AP	FIRST LEVEL
PAGE	4 OF 10

FIRST FLOOR LAYOUT PLAN

SCALE: 3/16" = 1'

REVIEWED

By Michael Kyne at 11:35 am, Jun 15, 2023



RECOVER FLOOR SHEATHING. NEW SHEATHING SHALL MATCH EXISTING

EXIST BASEMENT WALL

APPROVED
 Montgomery County
 Historic Preservation Commission
Robert C. Potter

GROUND FLOOR FRAMING PLAN

SCALE: 3/16" = 1'

- NOTES:
1. FLOOR SHEATHING SHALL BE MIN. 3/4" WOOD STRUCTURAL PANELS CONTINUOUS OVER TWO OR MORE SPANS.
 2. USE T & G CLIPS OR BLOCKINGS AT PANEL EDGES.
 3. SHEATHING EXPOSURE DURABILITY CLASSIFICATION SHALL BE EXTERIOR.
 4. FLOOR SHEATHING SHALL BE GLUED AND FASTENED TO SUPPORTS W/ 6d COMMON NAILS @ 4" O.C.

PSE
 PERNOZ STRUCTURAL ENGINEERING, LLC
 1793 SHOLEY BRIDGE PL.
 CLINEY, MD 20612
 301.888.1500
 info@pernoz-structural.com

PROFESSIONAL CERTIFICATION:
 HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO 34919, EXPIRATION DATE: 2024-12-2

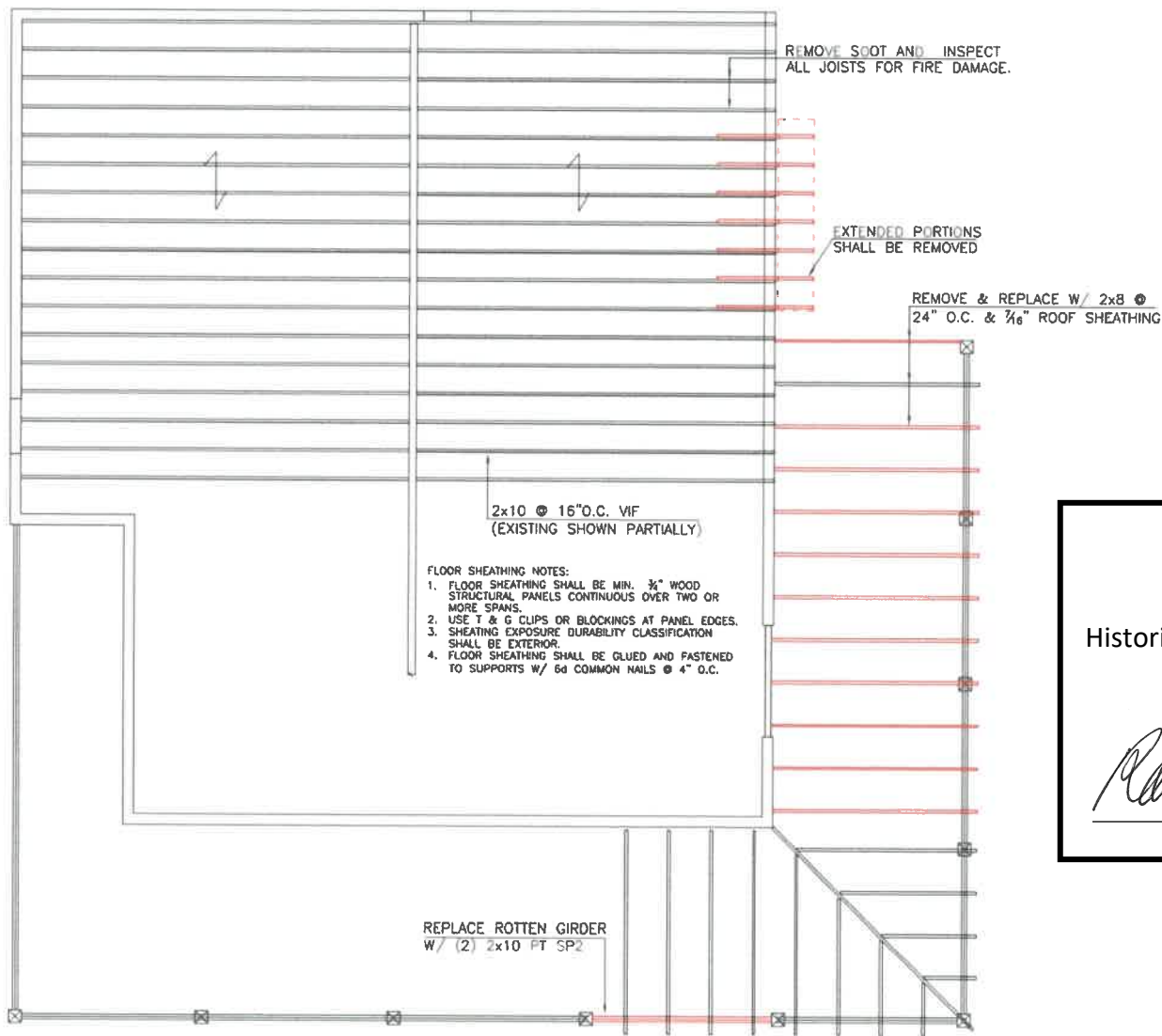
Robert C. Potter
 STATE OF MARYLAND
 PROFESSIONAL ENGINEER
 34919

No.	REVISION/ISSUE	DATE
2	PERMIT SET	2023-04-0
1	REVIEW SET	2023-02-1

PROJECT ADDRESS AND SCOPE:
 28106 Frederick Road,
 Clarksburg, MD 20871
 FIRE DAMAGE REPAIR

DESIGNED BY: AP	SHEET
DRAWN BY: ZA	S-1
CHECKED BY: AP	GROUND FLOOR FRAMING
PAGE	5 OF 10

REVIEWED
 By Michael Kyne at 11:35 am, Jun 15, 2023



FIRST FLOOR FRAMING PLAN SCALE: 3/16" = 1'

NOTES:
 1. JOISTS SHALL BE EITHER REPLACED OR SANDED TO REMOVE CHAR & SOOT FOR FURTHER INSPECTION. ANY JOIST W/ A TOTAL CHAR THICKNESS OF 3/8" ON ITS BOTH SIDES SHALL BE REPLACED OR REINFORCED BY INSTALLING A SAWN LUMBER OF THE SAME SIZE.

PE

PERMO STRUCTURAL ENGINEERING, LL
 1734 SHIPLEY BRIDGE PL.,
 COLLEGE PARK, MD 20740
 410.888.2559
 info@permo-structural.com

PROFESSIONAL CERTIFICATION:
 HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 44919, EXPIRATION DATE: 2024-12-2



APPROVED
 Montgomery County
 Historic Preservation Commission

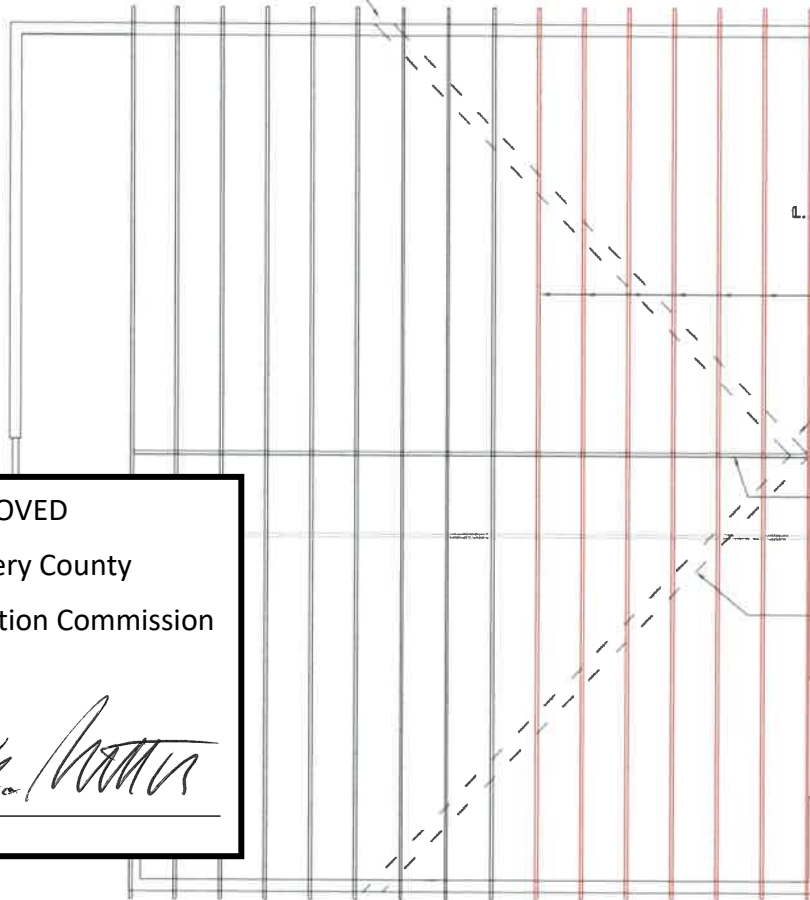
Robert H. Potter

2	PERMIT SET	2023-04-0
1	REVIEW SET	2023-02-1
No.	REVISION/ISSUE	DATE
PROJECT ADDRESS AND SCOPE:		
88105 Frederick Road, Clarkburg, MD 20871		
FIRE DAMAGE REPAIR		
DESIGNED BY: AP	SHEET	
DRAWN BY: ZA	S-2	
CHECKED BY: AP	FIRST FLOOR	
PAGE	6 OF 10	

REVIEWED

By Michael Kyne at 11:35 am, Jun 15, 2023

SEE DET. E
(TYP.)



REFER TO DET. 4 FOR
SPICES OF WALL STUDS

④

EXISTING ROOF TRUSSES
TO BE DEMOLISHED AND
REPLACED

SEE DET. D

PROVIDE LATERAL
TRUSS SUPPORT
AT RIDGE

2x6 NEW FASTEN ON TOP
OF BOTTOM TRUSS CHORDS.
FASTEN TO EACH TRUSS
CHORD W/ (2) #8x3" WOOD
SCREWS. SEE DETAIL E1.

APPROVED

Montgomery County
Historic Preservation Commission



ROOF FRAMING PLAN

SCALE: 3/16" = 1'

NOTES:

- INDICATED TRUSSES ARE MINIMUM TO BE REPLACED. INSPECT FOR FURTHER DAMAGE. ANY TRUSS W/ A CHAR THICKER THAN 1/8" SHALL BE REPLACED.
- ROOF TRUSSES SHALL BE FIELD-MEASURED BY TRUSS MANUFACTURER/FABRICATOR PRIOR TO DESIGN AND FABRICATION.
- ROOF TRUSSES ARE PREFABRICATED AND TO BE DESIGNED FOR 45 TOTAL GRAVITY LOAD (15 PSF DEAD AND 30 PSF LIVE LOAD) AND AXIAL FORCE OF 500LB FROM LATERAL WIND PRESSURE IMPOSED FROM CLADDING.
- TRUSS MANUFACTURER SHALL SUPPLY ROOF TRUSS FRAMING LAYOUTS AND DESIGN DETAILS. CONTRACTOR SHALL SUBMIT SIGNED & STAMPED TRUSS DESIGN & DRAWINGS FOR EDR REVIEW AND RECORD.
- ALL TRUSSES SHALL BE INSTALLED PER THE MANUFACTURER'S DRAWINGS AND DETAILS.
- ALL CONNECTORS AND HANGERS FOR THE TRUSSES SHALL BE PROVIDED BY THE TRUSS MANUFACTURER AND SHALL BE INSTALLED PER THE MANUFACTURER'S DETAILS AND SPECIFICATIONS.
- ROOF TRUSSES SHALL HAVE DESIGN CERTIFICATION SIGNED AND STAMPED BY A MARYLAND LICENSED STRUCTURAL ENGINEER AND SHALL CARRY THE MANUFACTURER'S STAMP.
- TRUSSES SHALL NOT BE FIELD-ALTERED WITHOUT PRIOR WRITTEN APPROVAL FROM THE BUILDING PERMIT DEPARTMENT OR THE ENGINEER'S CALCULATIONS.
- ALL TRUSS MEMBERS SHALL BE CONTINUOUS. METAL SPLICES SHALL BE DESIGNED FOR FULL MEMBER CAPACITIES. WOOD SPLICES ARE NOT ALLOWED
- ROOF SHEATHING SHALL BE MIN. 3/4" WOOD STRUCTURAL PANELS WITH CLIPS ON EDGES AND CONTINUOUS OVER TWO OR MORE SPANS.
- ROOF SHEATHING EXPOSURE DURABILITY CLASSIFICATION SHALL BE EXTERIOR.
- INSTALL BLOCKINGS AT ALL EDGES FOR ROOF SHEATHING.
- ROOF SHALL HAVE AMINIMUM R VALUE OF 49.

PE

PERNOZ STRUCTURAL ENGINEERING, LLC
1734 SHOTLEY ROAD PL.
CUMY, MD 20632
578 886-1586
info@pernoz-structural.com

PROFESSIONAL CERTIFICATION:
HEREBY CERTIFY THAT THESE
DOCUMENTS WERE PREPARED OR
APPROVED BY ME, AND THAT I AM A
FULLY LICENSED PROFESSIONAL
ENGINEER UNDER THE LAWS OF THE
STATE OF MARYLAND, LICENSE NO
4919, EXPIRATION DATE: 2024-12-2



2	PERMIT SET	2023-04-0
1	REVIEW SET	2023-02-1
No.	REVISION/ISSUE	DATE

PROJECT ADDRESS AND SCOPE:

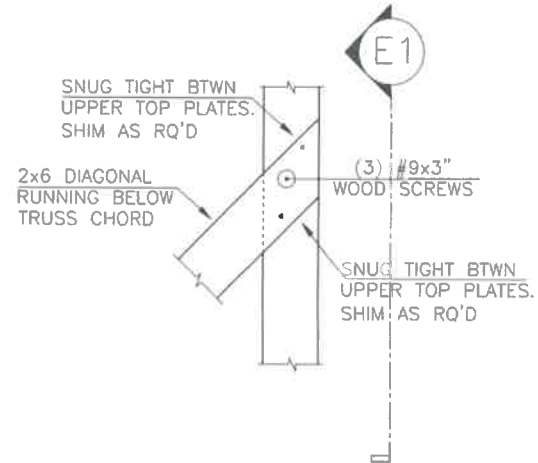
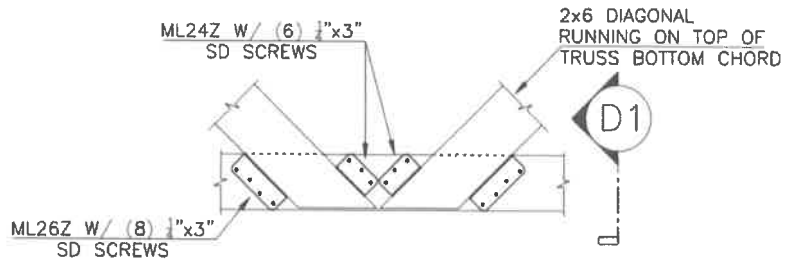
28106 Frederick Road,
Clarkburg, MD 20871

FIRE DAMAGE REPAIR

DESIGNED BY: AP	SHEET
DRAWN BY: ZA	S-3
CHECKED BY: AP	ROOF FRAMING PLAN
PAGE	7 OF 10

REVIEWED

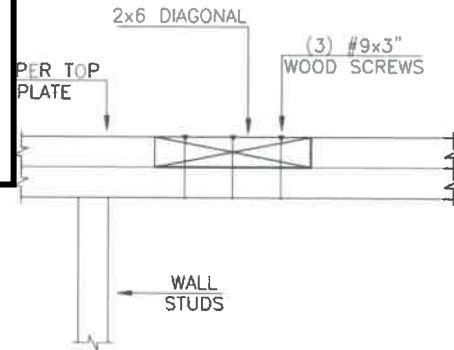
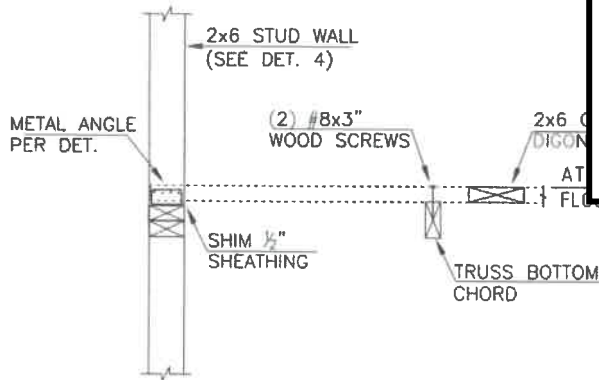
By Michael Kyne at 11:35 am, Jun 15, 2023



D DIAGONAL TO HEADER CONN. DET. SCALE: 1"-1"

E1 DIAGONAL TO WALL CONN. DET. SCALE: 1"-1"

APPROVED
Montgomery County
Historic Preservation Commission

D1 ATTIC FLOOR AT SIDE WALL
NOTES
1 ATTIC FLOOR SHALL BE DESIGNED FOR 10 PSF LIVE LOAD
SCALE: 1"-1"

E1 DIAGONAL TO WALL SIDE VIEW
SCALE: 1"-1"

PE

PERMOZ STRUCTURAL ENGINEERING, LLC
17934 SHOTLEY BRIDGE PL.
CLNEY, MD 20831
410 688-1510
info@permz-structural.com

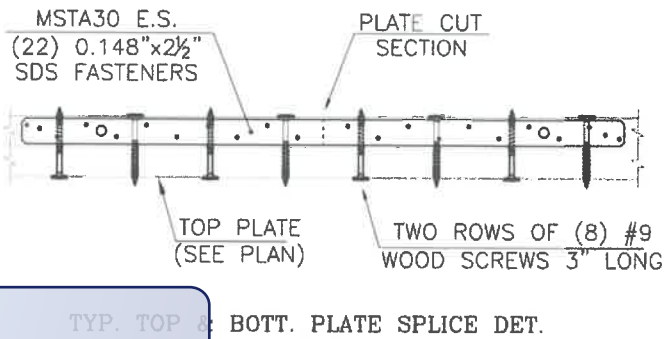
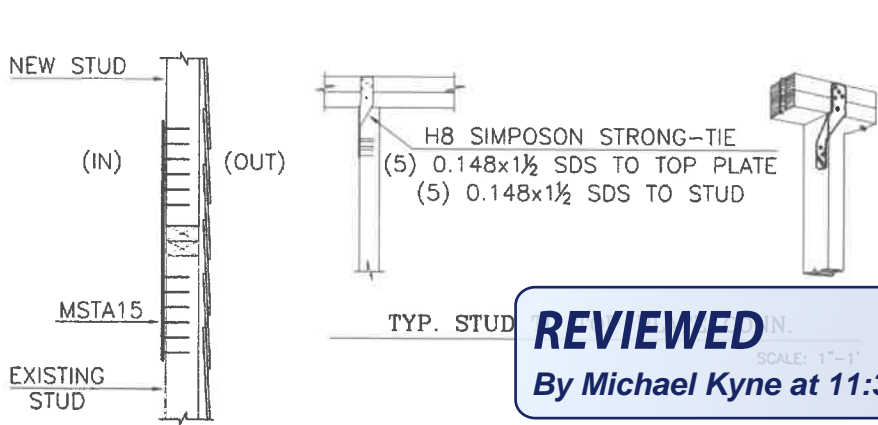
PROFESSIONAL CERTIFICATION
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO 54919, EXPIRATION DATE: 2024-12-2



No.	REVISION/ISSUE	DATE
2	PERMIT SET	2023-04-0
1	REVIEW SET	2023-02-1

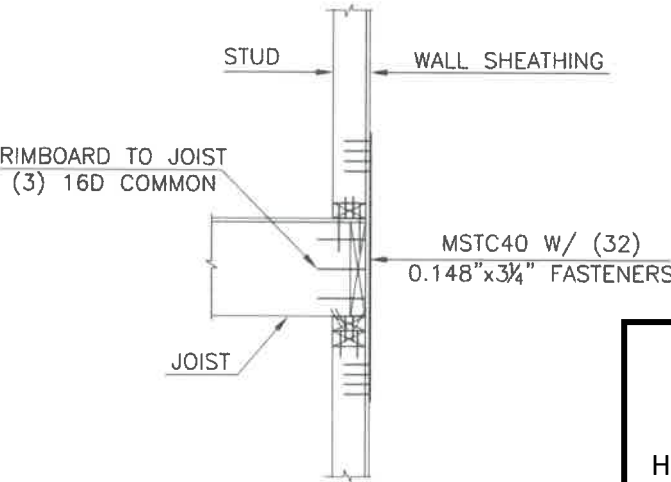
PROJECT ADDRESS AND SCOPE:
28105 Frederick Road,
Clarksburg, MD 20871
FIRE DAMAGE REPAIR

DESIGNED BY: AP	SHEET
DRAWN BY: ZA	S-4
CHECKED BY: AP	ATTIC CEILING DIAGONAL DETAIL
PAGE	8 OF 10

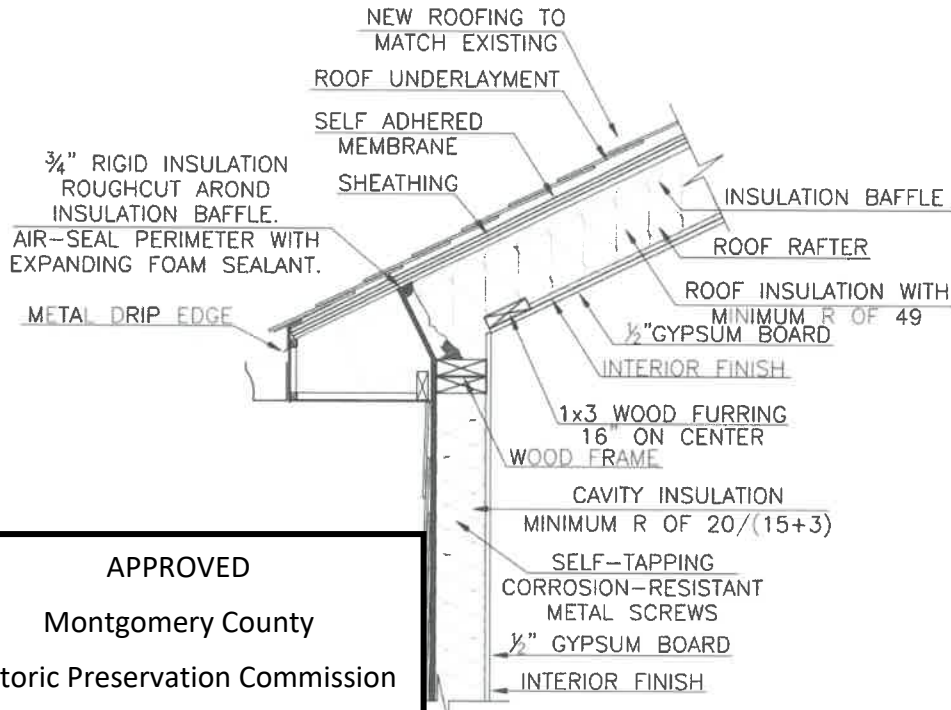


REVIEWED
 By Michael Kyne at 11:35 am, Jun 15, 2023

4 NEW STUD SPLICE FOR EAST ELEVATION
 SCALE: 1"=1'



TYP. STORY TO STORY CONN. DET.
 REFER TO FASTENER SCHEDULE FOR COMPLETION OF INFORMATION
 SCALE: 1"=1'



APPROVED
 Montgomery County
 Historic Preservation Commission

Robert A. [Signature]

WALL INSULATION DET.
 SCALE: 1"=1'



PIRMOZ STRUCTURAL ENGINEERING, LLC
 1753 SHIPLEY BRIDGE PL.
 CLARKSBURG, MD 20612
 (301) 888-5266
 info@pirmoz-structural.com

PROFESSIONAL CERTIFICATION
 HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A FULLY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE NO. 44919, EXPIRATION DATE: 2024-12-2



2	PERMIT SET	2023-04-0
1	REVIEW SET	2023-02-1
No.	REVISION/ISSUE	DATE

PROJECT ADDRESS AND SCOPE:
 98106 Frederick Road,
 Clarksburg, MD 20871
 FIRE DAMAGE REPAIR

DESIGNED BY: AP	SHEET
DRAWN BY: ZA	S-5
CHECKED BY: AP	TYPICAL DETAILS
PAGE	9 OF 10

REVIEWED

By Michael Kyne at 11:38 am, Jun 15, 2023

EXIT

S

ELEVATIONS
RIGHT SIDE
SCALE 1/4" = 1'0"

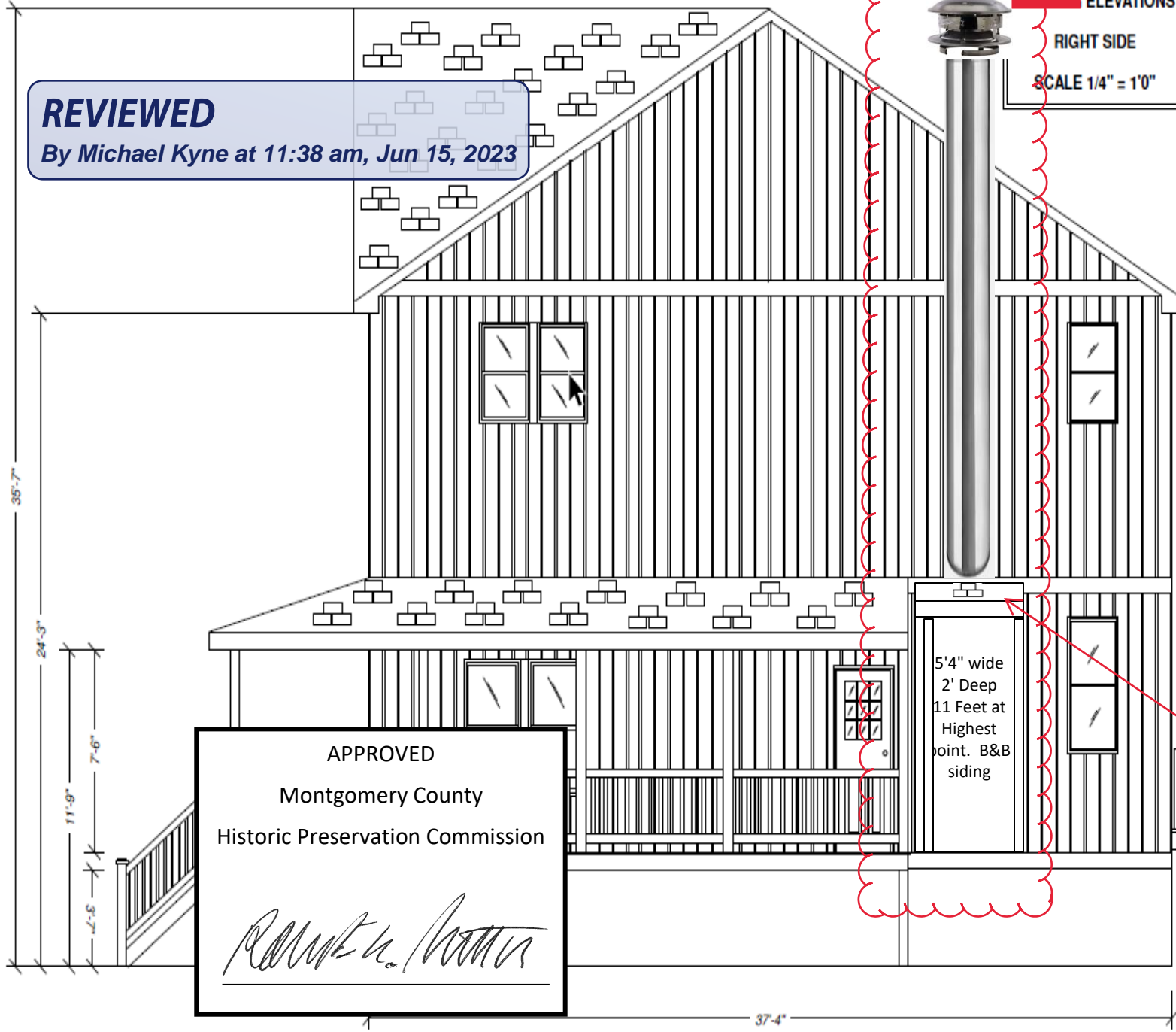
10" Exterior Chimney Pipe in 48" sections with wall bands and roof anchor

Siding will be rough sawn poplar. The boards will be 10" wide. The battens will be 3" wide.

Asphalt shingle roof will match the house.

5'4" wide
2' Deep
11 Feet at Highest point. B&B siding

APPROVED
Montgomery County
Historic Preservation Commission
[Signature]



37'-4"

New shorter chimney matching the height and pitch of the patio roof with exposed chimney pipe.

REVIEWED

By Michael Kyne at 11:38 am, Jun 15, 2023

Current Octagonal
Windows are 2' x
2'
Replacement
Windows will
match the
Mudroom window
which is 25 5/8" x
36 7/8"

ELEVATIONS
LEFT SIDE
SCALE 1/4" = 1'0"

APPROVED
Montgomery County
Historic Preservation Commission
Robert H. [Signature]



REVIEWED

By Michael Kyne at 11:38 am, Jun 15, 2023



Selkirk Metalbestos All Fuel Class A Chimney Pipe

The Selkirk Metalbestos Chimney System is ideal for venting residential heating appliances burning wood, #2 oil, and natural and LP gas. Manufactured with stainless steel inner and outer pipe.

[Read more](#)

Product Options

Size *

Selkirk Metalbestos Through the Wall Kit

Use this product page to add all of the standard components for a through-the-wall installation with Selkirk Metalbestos Class A chimney system. All you need to do is add the length of pipe needed.

[Read more](#)

REVIEWED

By Michael Kyne at 11:38 am, Jun 15, 2023

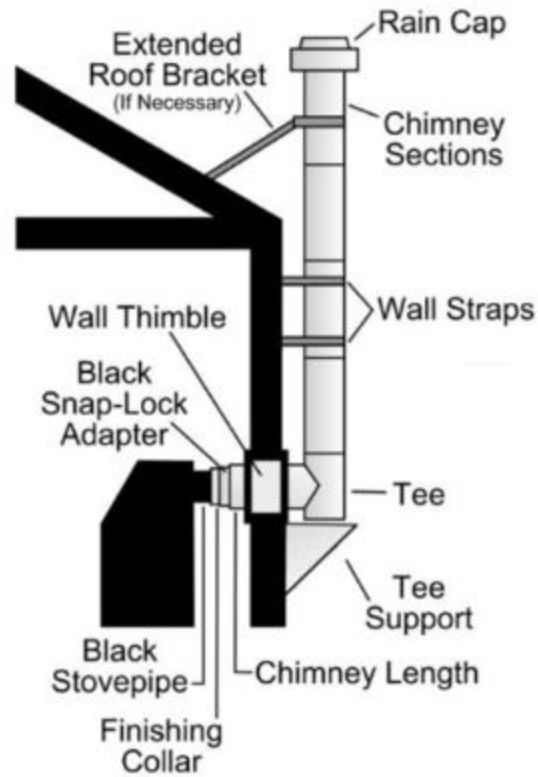
Product Options

Size *

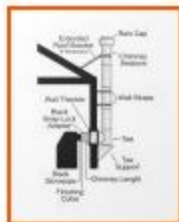
Quantity

 [Add to Cart](#)

As low as **\$1,331.99**



Note: See description for included parts



APPROVED
Montgomery County
Historic Preservation Commission

REVIEWED

By Michael Kyne at 11:38 am, Jun 15, 2023

400 SERIES

APPROVED

Montgomery County
Historic Preservation Commission



THE WINDOWS
CONTRACTORS
TRUST THE MOST.*

*2020 Andersen brand survey of U.S. contractors.

CONTENTS

Performance & Replacement Solutions	2-3
Product Overview	5
Exterior & Interior Options	6
Exterior Trim System	7
Window Hardware	8-9
Patio Door Hardware	10-11
Glass Options	12-13
Grille Options	14
Insect Screen Options	15
Comparison Chart	17

400 SERIES WINDOWS

Casement & Awning Windows	19
Replacement Casement & Awning Windows	37
Complementary Casement Windows	41
Woodwright® Double-Hung Full-Frame Windows	47
Woodwright Double-Hung Insert Windows	67
Tilt-Wash Double-Hung Full-Frame Windows	75
Narroline® Double-Hung Window Conversion Kit	87
Tilt-Wash Double-Hung Insert Windows	89
Bay & Bow Windows	97
Gliding Windows	111
Specialty Windows	117
Complementary Specialty Windows	137

400 SERIES PATIO DOORS

Frenchwood® Gliding Patio Doors	141
Frenchwood Hinged Inswing Patio Doors	149
Frenchwood Patio Door Sidelights & Transoms	159
Complementary Curved Top Patio Doors	163

Art Glass	173
Exterior Trim	175

Combination Designs	181
Product Performance	197
Installation Accessories & Information	210
Sustainability	212

For warranty information, visit andersenwindows.com/warranty.



Andersen Corporation, including its subsidiaries, has been named a 2021 ENERGY STAR Partner of the Year – Sustained Excellence Award winner, the highest honor given by ENERGY STAR, for continued leadership in protecting the environment through superior energy efficiency achievements.

REVIEWED

By Michael Kyne at 11:38 am, Jun 15, 2023



*ENERGY STAR® is a registered trademark of the U.S. Environmental Protection Agency.

REVIEWED

By Michael Kyne at 11:38 am, Jun 15, 2023

APPROVED

Montgomery County
Historic Preservation Commission



AMERICA'S MOST LOVED BRAND OF WINDOWS & DOORS.*

You want to give your customers a home they love, and we're here to make that easy for you. That's why we're proud to offer you products that rate #1 in quality and performance,** and to be the #1 trusted and recommended window and door brand† by pros.

400 SERIES PRODUCTS

Our most popular choice with homeowners and the windows contractors trust the most! Easy to install, low maintenance and with fewer callbacks, the 400 Series can be your go-to for pretty much any project.

*2020 Andersen brand surveys of U.S. contractors, builders and realtors.

**2020 Andersen brand surveys of U.S. contractors, builders and architects.

†2020 Andersen brand survey of U.S. contractors.

RELIABLE & ENERGY EFFICIENT

As our best-selling products, the 400 Series product line offers a distinct blend of design, reliability and trade confidence. Designed for easy installation for replacement, remodel or new construction projects, 400 Series products feature our Perma-Shield® exterior cladding that revolutionized the window industry. They're also backed by our renowned limited warranty and the largest service network in the industry.

ENERGY-SAVING GLASS FOR ANY CLIMATE

Andersen makes windows and patio doors with options that make them ENERGY STAR® v. 6.0 certified throughout the United States.

Visit andersenwindows.com/energystar for more information and to verify that the product with your glass option is certified in your area.



RIGOROUSLY TESTED

The exclusive Andersen Perma-Shield system gives our windows and doors a tough, protective shell that safeguards the wood inside. It repels water, resists dents* and stays beautiful for years.

LOW MAINTENANCE, NEVER NEEDS PAINTING

The Perma-Shield exteriors on Andersen

400 Series windows and doors offer superior weather resistance, virtually maintenance-free.

REVIEWED

By Michael Kyne at 11:38 am, Jun 15, 2023



OPTIONS FOR THE HARSHTEST WEATHER

400 Series windows with Stormwatch® Protection meet building code requirements in coastal areas.** Products with Stormwatch Protection are energy efficient, resist the effects of salt water, and are designed to withstand high winds and wind-borne debris.† For details, visit andersenwindows.com/coastal.



QUALITY SO SOLID, THE WARRANTY IS TRANSFERABLE*

Many other window and door warranties end when a home is sold, but our coverage – 20 years on glass, 10 years on non-glass parts – transfers from each owner to the next. And because it's not prorated, the coverage offers full benefits year after year, owner after owner. So it can add real value when you decide to sell your home.



BUILT FOR YEARS TO COME*

Our products are built strong to last long. We use the right materials in the right places, including solid wood, fiberglass and our own Fibrex® composite material. These give our windows and doors superior strength, stability and long-term beauty.

KEEPS THE WEATHER OUT



*Visit andersenwindows.com/warranty for details.

**See your local code official for code requirements in your area.

†“ENERGY STAR” is a registered trademark of the U.S. Environmental Protection Agency.

PRODUCT OVERVIEW



Double-Hung Windows

Choose Woodwright® double-hung windows that replicate the look of traditional architecture or our best-selling tilt-wash double-hung windows that are extremely energy efficient. Both are available as full-frame or insert windows, and can be part of bay window combinations. Coordinating picture and transom windows are also available.



Woodwright full-frame windows come in a variety of shapes.



Our **Narroline® double-hung window conversion kit** can upgrade Andersen® Narroline double-hung windows to tilt-wash windows.



Specialty Windows

A collection of stylish shapes to help distinguish a home's style or create a delicate accent.



Complementary specialty windows offer 35 additional shapes and custom sizes.



Casement & Awning Windows

Casement and awning windows are energy efficient, and are built with our low-maintenance Perma-Shield® cladding. Available for new construction or replacement, as integral twin or triple units, or as part of bay or bow window combinations. Coordinating picture and transom windows are also available.



Complementary casement windows come in a variety of shapes and in French casement options.



Gliding Windows

Superior energy efficiency, reliable performance and uncommon beauty. Both sash on our gliding windows open

REVIEWED

By Michael Kyne at 11:38 am, Jun 15, 2023

APPROVED

Montgomery County
Historic Preservation Commission

Frenchwood® Gliding & Hinged

Wide wood profiles provide the look of traditional doors, and our Perma-Shield® cladding provides low maintenance. Add blinds and privacy. To learn more about Andersen door options, visit [andersen.com](#)



Frame any Frenchwood patio door with **Frenchwood patio door sidelights and transoms.**



Complementary curved top patio doors, including Springline™ and arch hinged doors, are handcrafted and complement our 400 Series products.

GLASS OPTIONS

Andersen has the glass you need to get the performance you want. From SmartSun™ glass with HeatLock® coating that’s ENERGY STAR® certified in all climate zones* to PassiveSun® glass that helps heat homes in northern areas, there’s an option for every climate, project and customer. Check with your supplier for selections that meet ENERGY STAR requirements in your area.

GLASS		ENERGY		LIGHT	
		U-Factor <small>How well a product prevents heat from escaping.</small>	Solar Heat Gain Coefficient <small>How well a product blocks heat caused by sunlight.</small>	Visible Light Transmittance <small>How much visible light comes through a product.</small>	UV Protection <small>How well a product blocks ultraviolet rays.</small>
Low-E4®	Outstanding overall performance for climates where both heating and cooling costs are a concern.	● ● ● ○	● ● ● ○	● ● ● ○	● ● ● ○
Low-E4 with HeatLock® Coating	Applied to the room-side surface, it reflects heat back into the home and improves U-Factor values.	● ● ● ●	● ● ● ○	● ● ● ○	● ● ● ○
SmartSun™	Thermal control similar to tinted glass, with visible light transmittance similar to Low-E4 glass.	● ● ● ○	● ● ● ●	● ● ● ○	● ● ● ●
SmartSun with HeatLock Coating	Applied to the room-side surface, it reflects heat back into the home and improves U-Factor values.	● ● ● ●	● ● ● ●	● ● ○ ○	● ● ● ●
Sun	Outstanding thermal control in southern climates where less solar heat gain is desired.	● ● ● ○	● ● ● ●	● ○ ○ ○	● ● ● ○
PassiveSun®	Ideal for northern, passive solar construction applications where solar heat gain is desired.	● ● ● ○	● ○ ○ ○	● ● ● ○	● ● ● ○
PassiveSun with HeatLock Coating	Applied to the room-side surface, it reflects heat back into the home and improves U-Factor values.	● ● ● ○	● ○ ○ ○	● ● ● ○	● ● ● ○
Clear Dual-Pane	High visibility with basic thermal performance.	● ○ ○ ○	○ ○ ○ ○	● ● ● ●	○ ○ ○ ○

Center of glass performance only. Ratings based on glass options as of May 2021. Visit andersenwindows.com/energystar for ENERGY STAR map and NFRC total unit performance data.

HEATLOCK TECHNOLOGY

Applied to the room-side glass surface, HeatLock coating reflects heat back into the home for improved performance.

STORMWATCH® PROTECTION

Most Andersen 400 Series windows are available with impact-resistant glass and structural upgrades to meet the tough building codes of hurricane-prone coastal areas. See your local code official for specific requirements.



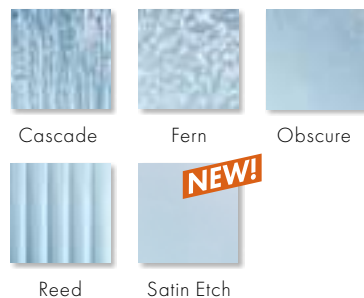
ADDITIONAL GLASS OPTIONS

Tempered safety glass is standard on patio doors and required for larger window sizes.

Laminated glass is available for added strength, enhanced security and sound control.

Patterned glass lets in light while obscuring vision and adds a unique, decorative touch.

Cascade and Reed patterns can be ordered with either a vertical or horizontal orientation.



ART GLASS

With art glass panels from Andersen, you can add interest, create focal points and make your work stand out. See page 173 or visit andersenwindows.com/artglass for more information.

REVIEWED
By Michael Kyne at 11:38 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission

*Andersen 400 Series products only with SmartSun glass with HeatLock coating (argon gas blend), no grilles, no capillary breather tubes. Excludes patterned/textured glass. "ENERGY STAR" is a registered trademark of the U.S. Environmental Protection Agency.



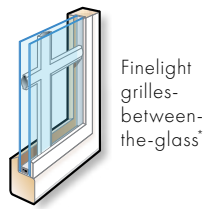
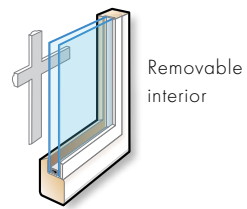
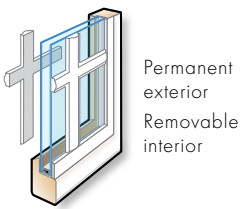
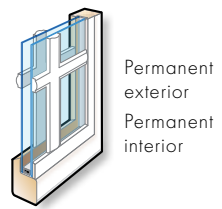
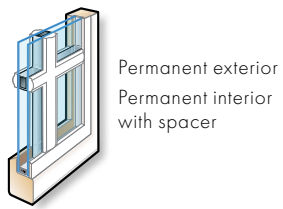
REVIEWED
 By Michael Kyne at 11:38 am, Jun 15, 2023

APPROVED
 Montgomery County
 Historic Preservation Commission



GRILLE OPTIONS

Grille patterns are available in widths and configurations to fit any architectural style or the taste of any customer. We can match virtually any existing grille pattern, and we'll even work with you and your customers to create custom patterns.



FULL DIVIDED LIGHT

Permanently applied to the interior and exterior of the window, with a spacer between the glass.

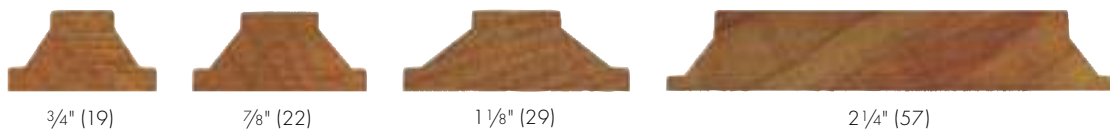
SIMULATED DIVIDED LIGHT

Permanent grilles on the exterior and interior, with no spacer between the glass. We also offer permanent exterior grilles with removable interior grilles.

CONVENIENT CLEANING OPTIONS

Removable interior grilles come off for easy cleaning. Finelight™ grilles-between-the-glass are installed between the glass panes, and feature a contoured profile in 1" (25) and 3/4" (19) widths.

Grille Bar Widths & Patterns



Actual width shown.
 Our 2 1/4" (57) width grille can be positioned horizontally across the center of a casement window to simulate the look of a double-hung window.



To see all of the standard patterns available for a specific window or door, refer to the detailed product sections in this product guide.

*7/8" (22), 1 1/8" (29) and 2 1/4" (57) are not available in Finelight grilles-between-the-glass. Dimensions in parentheses are in millimeters.

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

FEATURES

FRAME

- A** Perma-Shield® exterior cladding protects the frame – beautifully. Best of all, it's low maintenance and never needs painting.*
- B** For exceptional long-lasting performance, sill members are constructed with a wood core and a Fibrex® material exterior.
- C** Natural wood stops are available in pine, maple, oak and prefinished white. Wood jamb liners add beauty and authenticity to the window interior.
- D** A factory-applied rigid vinyl flange on the head, sill and sides of the outer frame helps secure the unit to the structure.
- E** Multiple weatherstrip systems help provide a barrier against wind, rain and dust. The combination of spring-tension vinyl, rigid vinyl and flexible bulb weatherstrip is efficient and effective.
- F** For units with white exterior color, the exterior jamb liner is white. For all other units, the exterior jamb liner is gray.

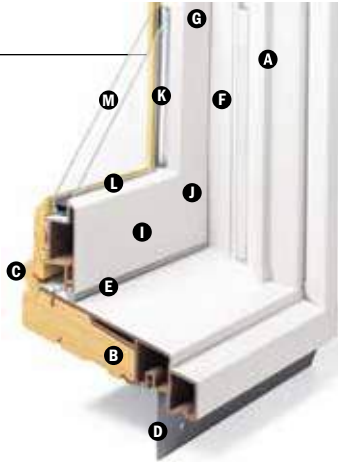
SASH

- G** Balancers in the sash enable contractors to screw through the jamb during installation without interfering with the window's operation.

Wood Jamb Liner



- H** Natural wood sash interior with classic chamfer detailing. Available in pine, maple, oak or prefinished white.
- I** Low-maintenance sash exterior provides long-lasting protection and performance. Sash exteriors on most units include Fibrex material.
- J** Sash joints simulate the look of traditional mortise-and-tenon construction inside and out.



GLASS

- K** In addition to stainless steel glass spacers, black or white glass spacers are now available to allow the spacer to blend in with the unit color.
- L** Silicone bed glazing provides superior weathertightness and durability.
- M** High-Performance options include:

- Low-E4® glass
- Low-E4 HeatLock® glass
- Low-E4 SmartSun™ glass
- Low-E4 SmartSun HeatLock glass
- Low-E4 Sun glass

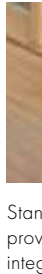
Tempered and other glass options are available. Contact your Andersen supplier.

A removable translucent film helps shield the glass from damage during delivery and construction, and simplifies finishing at the job site.

Patterned Glass

Patterned glass options are available. See page 12 for more details.

HARDWARE



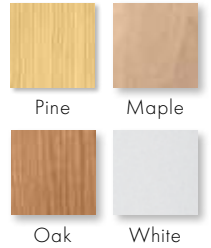
Standard
providing
integrated

EXTERIOR & INTERIOR OPTIONS

EXTERIOR COLORS



INTERIOR OPTIONS



HARDWARE



Standard Lock & Keeper

Antique Brass | **Black** | Bright Brass
Brushed Chrome | Distressed Bronze
Distressed Nickel | Gold Dust
Oil Rubbed Bronze | Polished Chrome
Satin Nickel | Stone | White

OPTIONAL HARDWARE Sold Separately

CONTEMPORARY



Bar Lift

Available in all hardware finishes.
Shown in **Distressed Nickel**.

ESTATE™



Hand Lift

Finger Lifts

Antique Brass | Bright Brass
Brushed Chrome | Distressed Bronze
Distressed Nickel | Oil Rubbed Bronze
Polished Chrome | **Satin Nickel**

REVIEWED

By Michael Kyne at 11:38 am, Jun 15, 2023



Bar Lift



Hand Lift



Finger Lifts

Antique Brass | Black | Bright Brass | Brushed Chrome
Distressed Bronze | Distressed Nickel | Gold Dust | **Oil Rubbed Bronze**
Polished Chrome | Satin Nickel | Stone | White

CLASSIC SERIES™



Hand Lift

Finger Lifts

Stone | **White**

Bold name denotes finish shown.

FINISHES



*Visit andersenwindows.com/warranty for details.

Dimensions in parentheses are in millimeters.

Printing limitations prevent exact replication of colors and finishes.

See your Andersen supplier for actual color and finish samples.

Naturally occurring variations in grain, color and texture of wood make each window one of a kind. All wood interiors are unfinished unless a finish is specified.

Distressed bronze and oil rubbed bronze are "living" finishes that will change with time and use.

WOODWRIGHT® DOUBLE-HUNG FULL-FRAME WINDOWS

Table of Woodwright® Double-Hung Window Sizes

Notes on the next page also apply to this page.

Scale 1/8" (3) = 1'-0" (305) – 1:96

Window Dimension	1'-9 5/8" (549)	2'-1 5/8" (651)	2'-5 5/8" (752)	2'-7 5/8" (803)	2'-9 5/8" (854)	2'-11 5/8" (905)	3'-1 5/8" (956)	3'-5 5/8" (1057)	3'-9 5/8" (1159)
Minimum Rough Opening	1'-10 1/8" (562)	2'-2 1/8" (664)	2'-6 1/8" (765)	2'-8 1/8" (816)	2'-10 1/8" (867)	3'-0 1/8" (917)	3'-2 1/8" (968)	3'-6 1/8" (1070)	3'-10 1/8" (1172)
Unobstructed Glass (lower sash only)	15 5/8" (397)	19 5/8" (498)	23 5/8" (600)	25 5/8" (651)	27 5/8" (702)	29 5/8" (752)	31 5/8" (803)	35 5/8" (905)	39 5/8" (1006)

2:3 cottage or 3:2 reverse cottage sash ratio available for all widths and heights. Size tables for windows with cottage or reverse cottage sash are available at andersenwindow.com/sizing.

CUSTOM WIDTHS –
1'-4 1/2" (419) to 3'-9 5/8" (1159)

CUSTOM HEIGHTS –
3'-0 7/8" (937) to 6'-4 7/8" (1953)

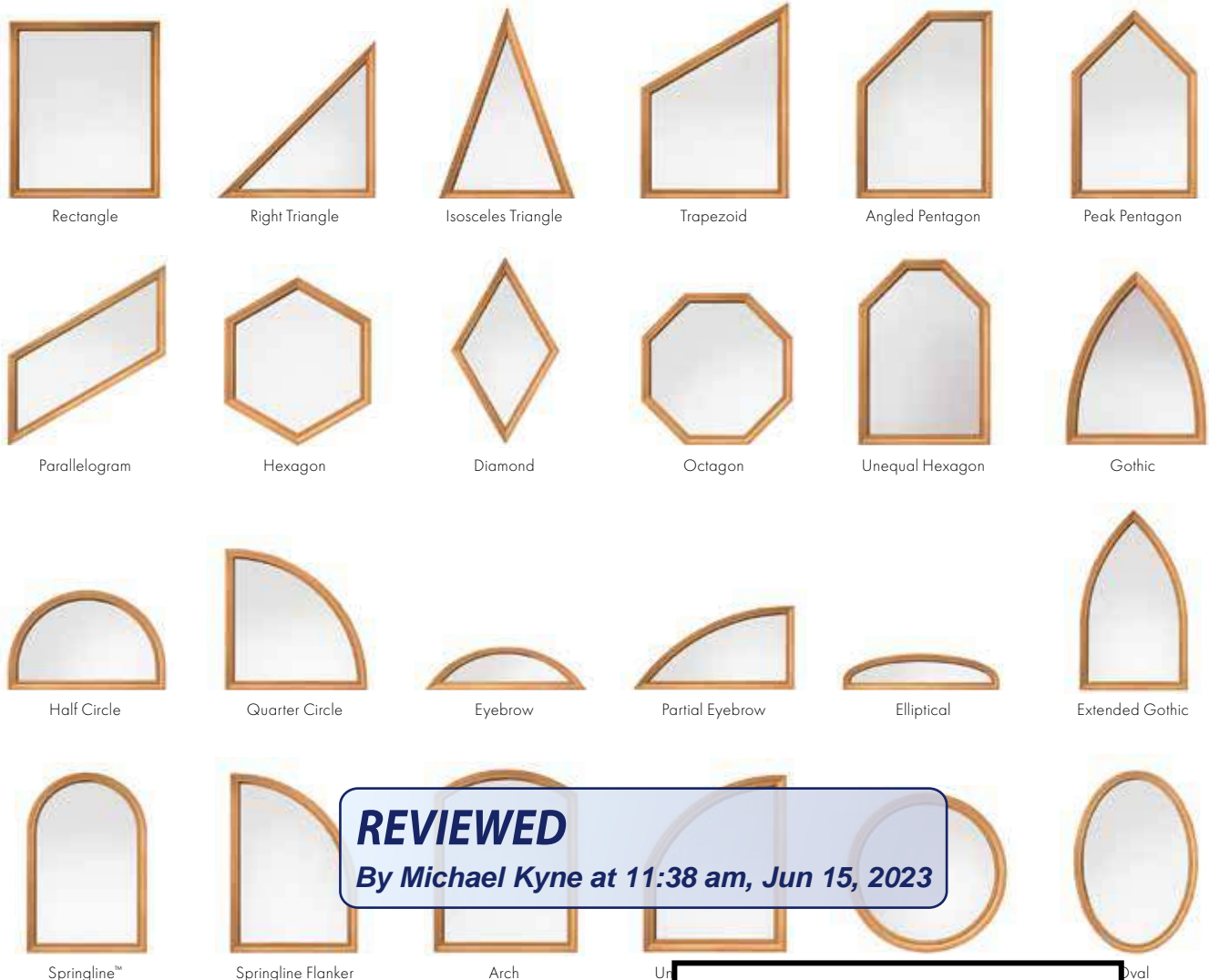
		CUSTOM WIDTHS – 16 1/2" to 45 5/8"														
		CUSTOM HEIGHTS – 32" to 76 7/8"														
3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	3'-0 7/8" (937)	Cottage	Reverse Cottage
		WDH18210	WDH20210	WDH24210	WDH26210	WDH28210	WDH210210	WDH30210	WDH34210	WDH38210						
3'-4 7/8" (1038)	3'-4 7/8" (1038)	WDH1832	WDH2032	WDH2432	WDH2632	WDH2832	WDH21032	WDH3032	WDH3432	WDH3832						
3'-8 7/8" (1140)	3'-8 7/8" (1140)	WDH1836	WDH2036	WDH2436	WDH2636	WDH2836	WDH21036	WDH3036	WDH3436	WDH3836						
4'-0 7/8" (1241)	4'-0 7/8" (1241)	WDH18310	WDH20310	WDH24310	WDH26310	WDH28310	WDH210310	WDH30310	WDH34310	WDH38310						
4'-4 7/8" (1343)	4'-4 7/8" (1343)	WDH1842	WDH2042	WDH2442	WDH2642	WDH2842	WDH21042	WDH3042	WDH3442	WDH3842						
4'-8 7/8" (1445)	4'-8 7/8" (1445)	WDH1846	WDH2046	WDH2446	WDH2646	WDH2846	WDH21046	WDH3046	WDH3446	WDH3846						
5'-0 7/8" (1546)	5'-0 7/8" (1546)	WDH18410	WDH20410	WDH24410	WDH26410	WDH28410	WDH210410 ⁰	WDH30410 ⁰	WDH34410 ⁰	WDH38410 ⁰						
5'-4 7/8" (1648)	5'-4 7/8" (1648)	WDH1852	WDH2052	WDH2452	WDH2652	WDH2852 ⁰	WDH21052 ⁰	WDH3052 ⁰	WDH3452 ⁰	WDH3852 ⁰						
5'-8 7/8" (1749)	5'-8 7/8" (1749)	WDH1856	WDH2056	WDH2456	WDH2656 ⁰	WDH2856 ⁰	WDH21056 ⁰	WDH3056 ⁰	WDH3456 ⁰	WDH3856 ⁰						
6'-0 7/8" (1851)	6'-0 7/8" (1851)	WDH18510	WDH20510	WDH24510 ⁰	WDH26510 ⁰	WDH28510 ⁰	WDH210510 ⁰	WDH30510 ⁰	WDH34510 ⁰	WDH38510 ⁰						
6'-4 7/8" (1953)	6'-4 7/8" (1953)	WDH1862	WDH2062	WDH2462 ⁰	WDH2662 ⁰	WDH2862 ⁰	WDH21062 ⁰	WDH3062 ⁰	WDH3462 ⁰	WDH3862 ⁰						

REVIEWED
By Michael Kyne at 11:38 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission
[Signature]

SHAPES

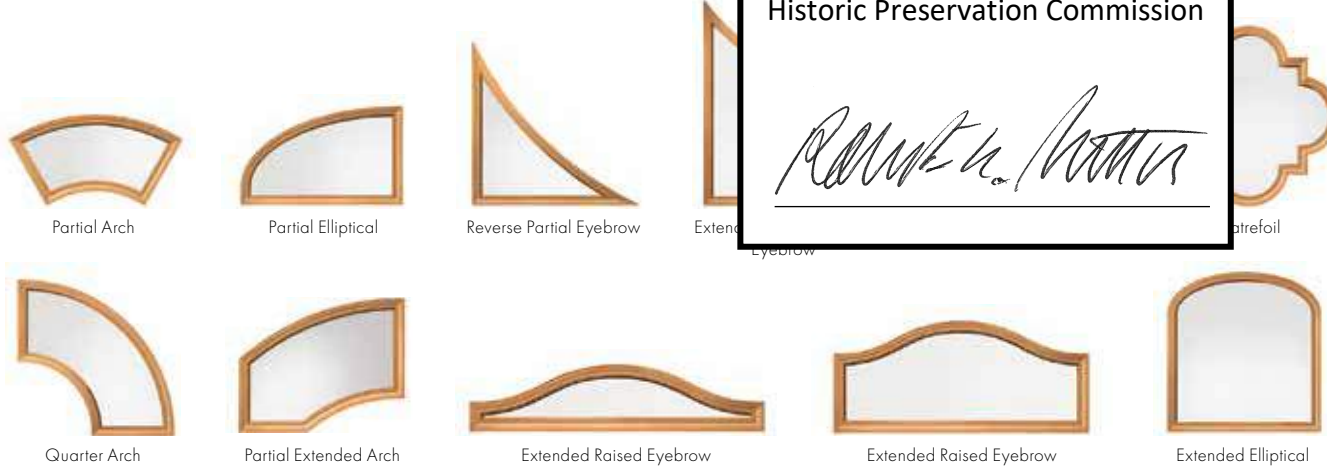
Andersen® complementary specialty windows are available in a variety of sizes. Fixed unit profiles may vary dependent upon shape. For specific sizes, details and joining information, contact your Andersen supplier.



REVIEWED
By Michael Kyne at 11:38 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission
Robert G. [Signature]

The additional specialty window shapes below are available by special order.



400 Series
Complementary
Specialty Windows

EXTERIOR TRIM

FEATURES

EXTERIOR TRIM SYSTEM

Easier Installation

- Installs independently of water management system
- No nail holes to fill
- No visible fasteners
- No painting



Made of Fibrex® material that is an environmentally smart composite, containing 40% pre-consumer reclaimed wood fiber by weight.



EXTERIOR TRIM

A For exceptional long-lasting performance, exterior trim is made from Fibrex material or high-density urethane with low-maintenance exterior finishes.

B Sill nose profile, made from Fibrex material, is placed at the sill for a traditional look.

C Rigid vinyl exterior trim attachment strips (field applied) allow the trim to be securely fastened to the home.

D Trim surrounds are assembled with corner keys and stainless steel fasteners for stability and strength.

Profiles

Exterior trim is available in four profiles made from our Fibrex material. Profiles include 3 1/2" (89) flat casing, 4 1/2" (114) flat casing, 2" (51) brick mould and sill nose for the bottom trim piece. See profiles and sill options on the next page.

Thick trim profiles overlap the window frame to create clean lines without visible sealant joints.

Drip Cap

Full-length, color-matched aluminum drip cap is included with kits and surrounds.

End Caps

Provide a clean appearance when joining two trim members.

Corner Keys

Provide tight alignment of corner joints.



REVIEWED
By Michael Kyne at 11:38 am, Jun 15, 2023

APPROVED
Montgomery County
Historic Preservation Commission
Robert L. [Signature]

EXTERIOR TRIM OPTIONS

EXTERIOR TRIM COLORS



Design a window and view exterior trim installation guides at andersenwindows.com/exteriortrim.

Fasteners

Screws are made of high-quality stainless steel and provide corner joints with a secure, tight fit.

Head Trim Options

Three styles are available. All can be used above our flat casing and include an integrated installation flange. The decorative drip cap is made from our Fibrex material. Both the 2" (51) cornice and 3 3/8" (92) cornice are made from highly durable urethane material. See head trim options on the next page.

Specialty Trim

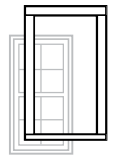


Made of highly durable factory-finished urethane material for selected window styles. Contact your Andersen representative for availability.

INSTALLATION OPTIONS

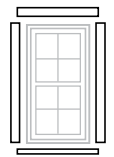
Assembled Trim Surrounds

Assembled trim surrounds install quickly and eliminate the need for cutting, sanding, and filling gaps.



Kits

Our window kits include pre-cut and predrilled trim with all the necessary components for on-site assembly for windows.



Individual Trim Components

Our 13' (3962) factory-finished trim lineals, end caps, corner keys, fasteners, metal drip caps and field attachment strips allow for field fabrication and assembly.



*See the 400 Series Limited Warranty for exterior trim applied to 400 Series products. Visit andersenwindows.com/warranty for details.

Dimensions in parentheses are in millimeters.

Printing limitations prevent exact duplication of colors. See your Andersen supplier for actual color samples.

PROFILES



2" (51) Brick Mould in dove gray with Terratone window



3 1/2" (89) Flat Casing in dark bronze with white window



4 1/2" (114) Flat Casing in canvas with forest green window

HEAD TRIM OPTIONS



Decorative Drip Cap with 3 1/2" (89) flat casing in red rock with Sandtone window



2" (51) Cornice with 3 1/2" (89) flat casing in red rock with Sandtone window



3 5/8" (92) Cornice with 3 1/2" (89) flat casing in red rock with Sandtone window

SILL OPTIONS



2" (51) Brick Mould with sill nose in dove gray with Terratone window



3 1/2" (89) Flat Casing with sill nose in dark bronze with white window



4 1/2" (114) Flat Casing with sill nose in canvas with forest green window

REVIEWED
By Michael Kyne at 11:38 am, Jun 15, 2023

ACCESSORIES

INSTALLATION

Fibrex® Trim Board



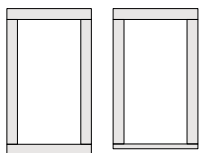
Andersen offers a 3 1/2" (89) wide by 3/4" (19) thick cellular Fibrex trim board in 10' (3048) lengths. Available in the same 11 colors as the exterior trim system, this solid trim board can be ripped to size and can be fastened using nails or screws.

Coil Stock

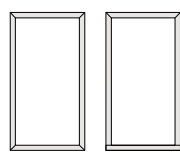


Factory finished in any of our 11 exterior trim colors, our aluminum coil stock allows you to form your own profiles in the field. Made from .018" thick aluminum, coil stock is available in 24" (610) x 50' (15240) rolls. Color-matched 1 1/4" (32)-long stainless steel trim nails are also available and can be ordered in 1 lb/.454 kg boxes.

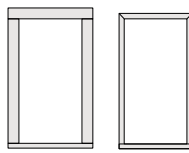
TRIM COMBINATIONS



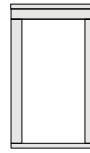
Flat Casing can be used on all four sides flush at the head and sill. Combine 3 1/2" (89) and 4 1/2" (114) flat casing or use with a flush sill nose.



Brick Mould can be used on all four sides or with a flush sill nose.



Sill Nose can be used with flat casing or brick mould.



Decorative Drip Cap and Cornices can be used with flat casing at the head.



EXTERIOR TRIM

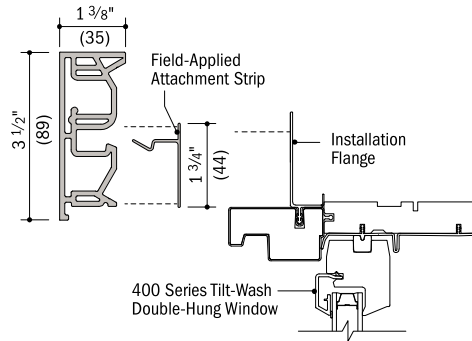
REVIEWED

By Michael Kyne at 11:38 am, Jun 15, 2023

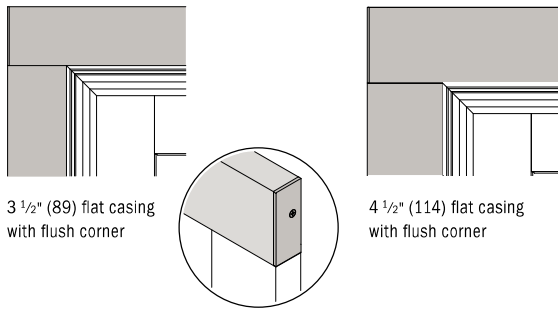
Window and Patio Door Attachment

Field-Applied Attachment Strip

Field-applied attachment strip fastens to framing through window or patio door installation flange and flashing tape with screws. Exterior trim connects securely to the field-applied attachment strip. Follow window and patio door installation guides for flashing instructions.



3 1/2" (89) and 4 1/2" (114) Flat Casing

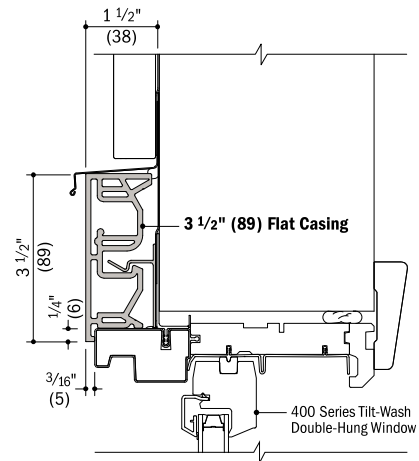


3 1/2" (89) flat casing with flush corner

4 1/2" (114) flat casing with flush corner

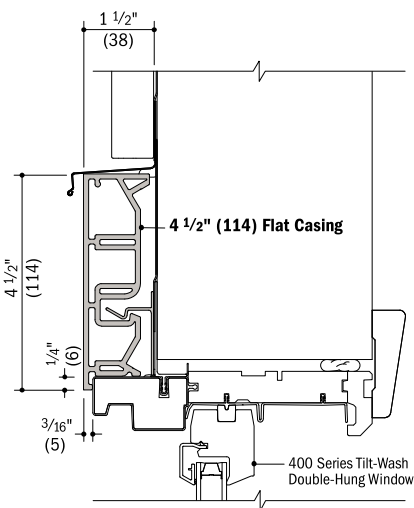
Trim Details

Scale 3" (76) = 1'-0" (305) – 1:4



Vertical Section

400 Series Tilt-Wash Double-Hung Window with 3 1/2" (89) Flat Casing



Vertical Section

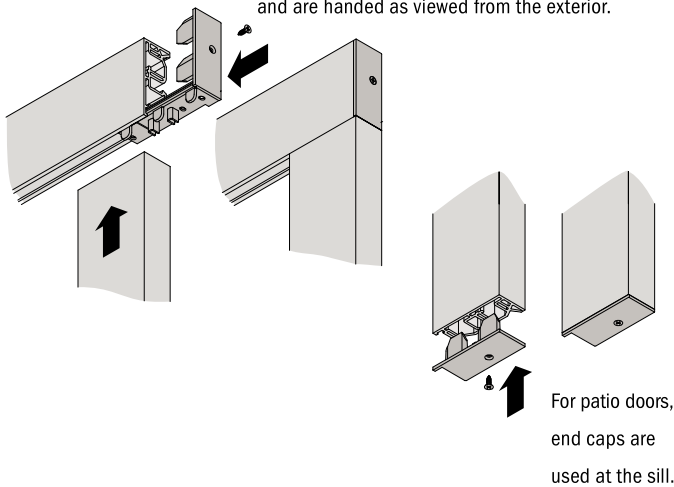
400 Series Tilt-Wash Double-Hung Window with 4 1/2" (114) Flat Casing

Formula for dimension of window/door plus exterior trim:

Add 4 1/4" (108) per side for 4 1/2" (114) flat casing

Add 3 1/4" (83) per side for 3 1/2" (89) flat casing

End caps are used at corners for flat casing and are handed as viewed from the exterior.

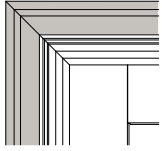


*Dimensions in parentheses are in millimeters.

*Typical trim combinations shown. Additional combinations may also be used. Some restrictions apply. For more information, contact your Andersen supplier.

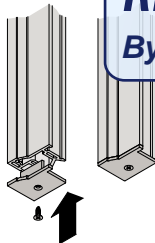
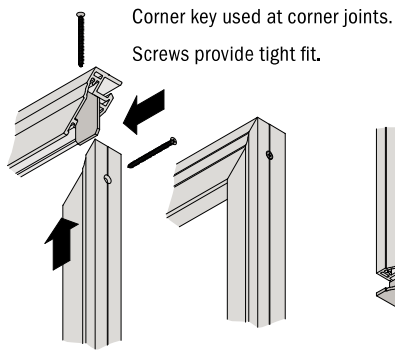
*Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at andersenwindows.com.

Brick Mould



Brick mould with mitered corners

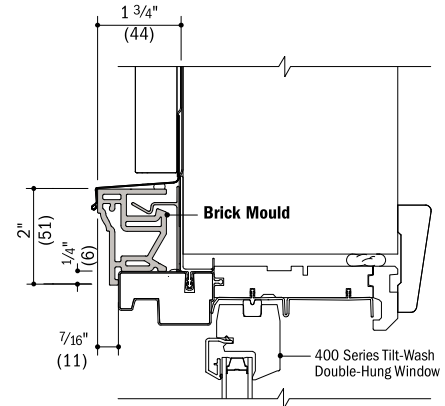
Formula for dimension of window/ door plus exterior trim:
Add 1 3/4" (44) per side for brick mould



REVIEWED
By Michael Kyne at 11:38 am, Jun 15, 2023

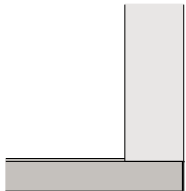
Trim Detail

Scale 3" (76) = 1'-0" (305) – 1:4

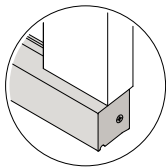


Exterior Trim

Sill Nose



Sill nose and 3 1/2" (89) flat casing with flush corner

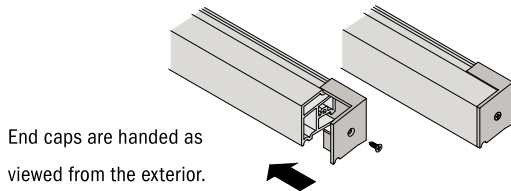
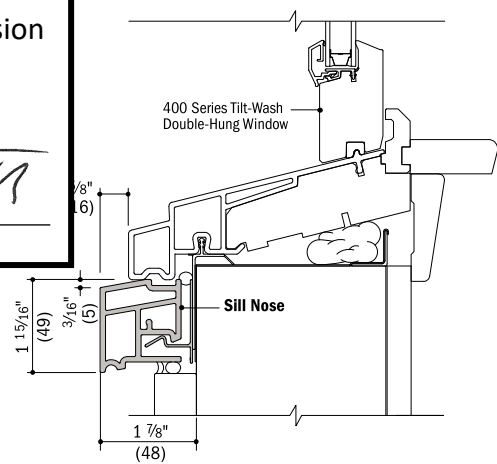


APPROVED
Montgomery County
Historic Preservation Commission
Ronald A. Potter

Formula for dimension of window plus exterior trim:
Add 1 15/16" (49) for sill nose

Trim Detail

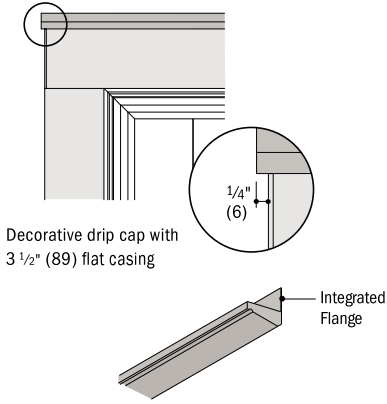
Scale 3" (76) = 1'-0" (305) – 1:4



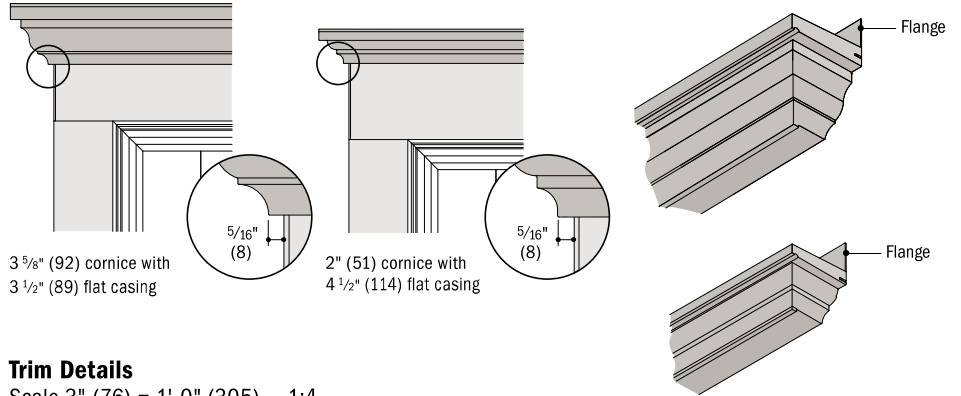
• Dimensions in parentheses are in millimeters.
• Typical trim combinations shown. Additional combinations may also be used. Some restrictions apply. For more information, contact your Andersen supplier.
• Details are for illustration only and are not intended to represent product installation methods or materials. Refer to product installation guides at andersenwindows.com.

EXTERIOR TRIM

Decorative Drip Cap



Cornices

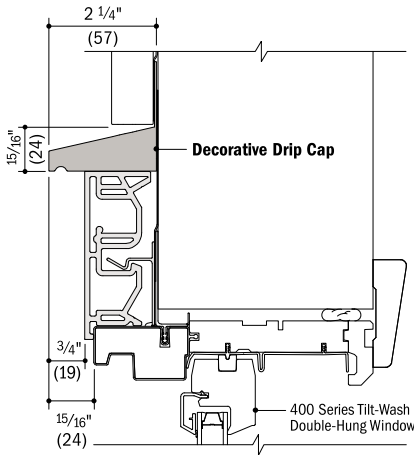


Trim Details

Scale 3" (76) = 1'-0" (305) – 1:4

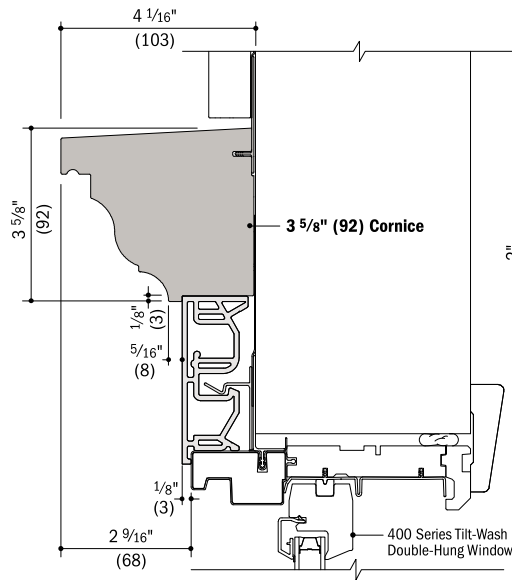
Trim Detail

Scale 3" (76) = 1'-0" (305) – 1:4



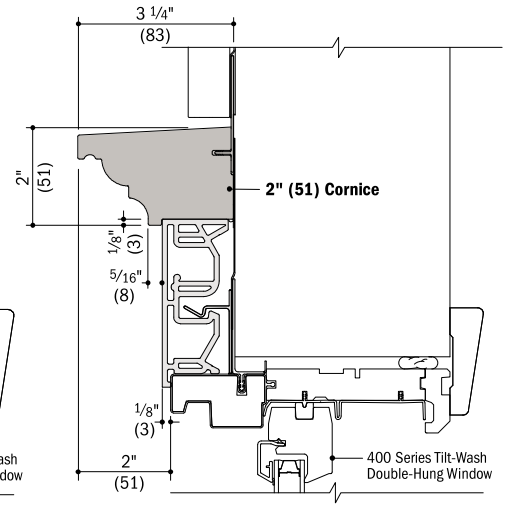
Vertical Section

400 Series Tilt-Wash Double-Hung Window with 3 1/2" (89) Flat Casing and Decorative Drip Cap



Vertical Section

400 Series Tilt-Wash Double-Hung Window with 3 1/2" (89) Flat Casing and 3 5/8" (92) Cornice



Vertical Section

400 Series Tilt-Wash Double-Hung Window with 3 1/2" (89) Flat Casing and 2" (51) Cornice

Mull Cover

REVIEWED for
 By Michael Kyne at 11:38 am, Jun 15, 2023

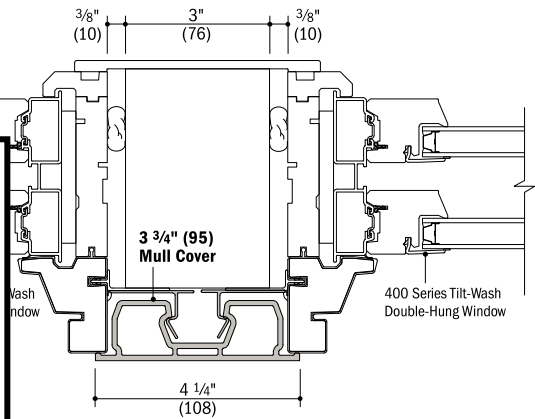
openings to obtain a joined appearance.

APPROVED

Montgomery County
 Historic Preservation Commission

Separate Rough Openings Detail

Scale 3" (76) = 1'-0" (305) – 1:4



Horizontal Section

400 Series Tilt-Wash Double-Hung Windows and 3 3/4" (95) Mull Cover

- Dimensions in parentheses are in millimeters.
- Typical trim combinations shown. Additional combinations may be used.
- Some restrictions apply. For more information, contact your Architect.
- Details are for illustration only and are not intended to represent methods or materials. Refer to product installation guides at [www.pella.com](#).
- Consult with an architect or structural engineer regarding mull structural support members between adjacent rough opening