

HISTORIC DISTRICT REVIEW EXHIBIT LIST

Applicant: Katherine Markham

Property Address: 103 E. Chestnut Street

Hearing Date: August 4, 2022

Application Number: HD-22-800

1. Application HD-22-800 to St. Michaels Historic District Commission.
2. Proposed materials list
3. Window details
4. Standing seam detail sheets
5. Hardie Plank Lap siding detail sheet
6. Door detail – Aluminum clad exterior /wood interior French door
7. Proposed improvements dated July 25, 2022 prepared by Jennifer Martella



THE COMMISSIONERS OF ST. MICHAELS

OFFICE OF CODE ENFORCEMENT, PLANNING AND ZONING

SETTLED 1670-1680

300 MILL STREET

TELEPHONE: 410.745.9535

P.O. BOX 206

INCORPORATED 1804

ST. MICHAELS, MD 21663

FACSIMILE: 410.745.3463

TO: Historic District Commission
FROM: Kymberly Kudla, Zoning Officer
DATE: 7/07/2022
RE: HD-22-800
Address: 103 E Chestnut Street
Applicant: Katherine Markam

The applicant is proposing to add a second floor and a porch. The project will require a site plan review due to the addition of a dwelling unit and an increase in structure over 400SF. No other zoning issues noted at this time.

NOTE: Applications must be submitted on this form; one-sided xeroxes or facsimiles are not valid and will not be processed.

New Application Addendum to HD# _____

Application # HD-15-22-800
Date 7-25-22
Review Date 8-4-22
Fee 250-

ck#

TOWN OF ST. MICHAELS
APPLICATION FOR HISTORIC DISTRICT REVIEW

Historic District Guidelines available on line at www.townofstmichaels.com

OWNER (S) Katherine B Markham Address 10901 Equestrian Court
Reston VA
Telephone 703-307-4340 Mailing Address 20190
APPLICANT Same as above Address _____
Telephone _____ Mailing Address 1613A Summit Street
CONTRACTOR Daniel Schultz Address Tilghman MD 21671
Telephone 410-924-4026 MHIC # 117495

Address of Property 103 East Chestnut Street Saint Michaels MD.

Description of work: Please provide complete details of request(s) under review!

Addition of porch, door and windows
New roof with dormers. Increasing pitch
on 1/2 story building

Proposed Use Residential _____ Commercial 1st Floor

Submittal Requirements:
New Structure

1. 6 copies of a site plan indicating property lines and lot dimensions, adjacent streets, existing structures and locations of all proposed structures including setbacks and driveway placement. Site Plan must be drawn to scale.
2. 6 sets of elevation drawings, including front, right, left and rear elevations. The plans must be drawn to scale and be fully detailed.
3. Listing of those materials used as shown on the elevation drawings.
4. Landscaping and extent of grading description.
5. Schedule of construction and contractor
6. Photographs of all existing conditions.

Addition

1. 6 copies of a site plan indicating property lines and lot dimensions, adjacent streets, existing structures and location of the proposed addition including setbacks and driveway placement. Site Plan must be drawn to scale.
2. 6 sets of elevation drawings for the addition from ALL sides visible from a public way, including the elevation of the original structure. The plans must be drawn to scale and be fully detailed.
3. Listing of those materials used as shown on the elevation drawings.
4. Landscaping and extent of grading description.
5. Schedule of construction and contractor
6. Photographs of all existing conditions and elevations.

(1)

Please provide the following information for only those elements of the structure which will be modified, or deleted, or added.	Please provide the following information for only those elements of the structure which will be modified, or deleted, or added.
Existing features	Proposed features
SHUTTERS	
Material	
Size	
Method of attachment	
DOORS	
Material	Aluminum clad
Size/Proportions	see drawings
Casing/Trim/Pediment	James Hardie
Sidelights	
Glass	
Hardware	ADA Levers
STORM DOORS - Details	
STORM WINDOWS - Details	
WINDOWS	
Material	Aluminum clad
Type	6/6
Trim/Casing/Pediment	
Sill	
PORCH	
Decking	5/4 x 6 pressure treated
Ceiling material	wood (fir)
Balustrade	
Soffit detail	
Column, base and pediment	see attached drawings
Height	96 inches
GUTTERS & DOWNSPOUTS	
Type (Style)	
Placement	
Material	
CHIMNEYS	
Location	
Material	Finish
HVAC	
Equipment placement	
Enclosure/Landscaping/Fencing	
SIDING	
Size/Reveal	
Material	Hardie Plank 6" exposure
Width of cornerboard	
ROOFING	
Type	Asphalt
Main structure	metal see attached
Porch	metal " "
Accessory structure	

Please provide the following information for only those elements of the structure which will be modified, or deleted, or added.	Please provide the following information for only those elements of the structure which will be modified, or deleted, or added.
Existing features	Proposed features
STEPS	
Front entrance	8 feet
Dimensions	8 feet
Material	Brick
Detail/Railings	
Side entrance	Brick
WALKWAY	
Material	
Detail	
DECK	
Material	
Detail	
DRIVEWAY	
Material	
Design	
FENCE	
Material	
Height	
Picket design	
FOUNDATION	
Height	
Material	
OTHER	
APPURTENANCES (Description of proposed appurtenance(s))	

Baluster: A spindle or post supporting the railing of a balustrade.

Balustrade: an entire railing system with top rail and balusters.

Clapboard: Siding consisting of overlapping horizontal boards, usually thicker at one edge than the other.

Cornerboard: A vertical strip of wood placed at the corners of a framed building.

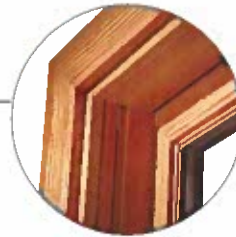
Pediment: The triangular space forming the end of a roof in classical architecture, or the triangular cap over a window or door.

Sill: The horizontal water shedding member at the bottom of a window or door frame.

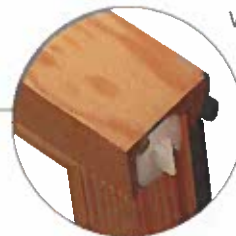
Soffit: The underside of an architectural feature, such as a beam arch, eave, vault, or cornice.

DOUBLE HUNG WINDOWS

Our double hung windows represent a one-of-a-kind approach to a popular choice in home design. With the versatility to open from the top or bottom, a breath of fresh air is never out of reach. From robust ventilation to energy efficiency and ease of use, double hung windows are a timeless classic.



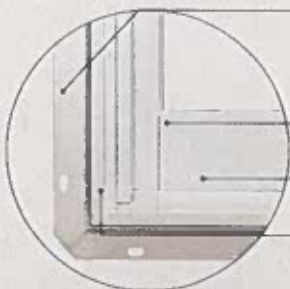
A **wood jamb liner** covers all mechanical balance systems to create a **tailored aesthetic**.



With **concealed tilt release latches**, nothing comes between you and the view. Recessed into the lock rail, this design element leaves the sash clear of all visible latch hardware.



The **single dual action lock** allows the sash to be unlocked and tilted easily with one hand – so you can save your energy for the things that really matter.



The Beauty is in the Details

The **rigid integral nailing fin** makes installation simple and provides more durability than flimsy snap-in or fold-out fins found with other windows.

Butt jointed cladding accurately mimics traditional wood windows for a familiar aesthetic.

The **3-1/2" bottom rail** creates clean lines and ideal architectural proportions.

Durable and virtually maintenance-free, **extruded aluminum exteriors** stand up to the harshest elements, resisting dents, dings and scratches with rot-resistant composition.

3

PREMIUM SERIES

Double Hung Windows

WEATHER SHIELD

WINDOWS & DOORS

Rich Wood Interior

With eight wood species to choose from, there's sure to be one perfect for your home. For a truly unique look, other wood species are available upon request.



PINE (STANDARD)

OAK

MAPLE



VERTICAL GRAIN FIR

MIXED GRAIN FIR

MAHOGANY



ALDER (CHARACTER)

CHERRY

Durable Factory Finishes

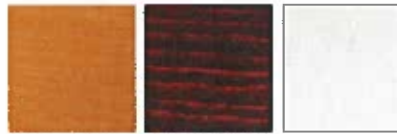
With our solid wood interior, save time and money with our factory finishing. The wood is stained and sealed on all surfaces to repel moisture and includes two Clear Satin top coats for durability and easy cleaning.



CLEAR SATIN

CHESTNUT

FRUITWOOD



GOLDEN OAK

RICH MAHOGANY

PRIMED



PREFINISHED WHITE (LATEX)

PREFINISHED BLACK (LATEX)

12 Standard Exterior Colors



CAMEO

TAN



HERITAGE BROWN

ADOBE

DESERT TAN



CRAFTSMAN BRONZE

BRICK RED

HARTFORD GREEN



GRAY MATTERS

OBSIDIAN

JET BLACK



45 DESIGNER COLOR OPTIONS



8 ANODIZED COLOR OPTIONS



4 RADIANT METALLIC OPTIONS

Designer Stains

Explore our furniture-grade stain offering created in partnership with leading paint and coatings manufacturer, Sherwin-Williams®. These new stains provide clean, vivid colors with high pigmentation for excellent clarity and uniformity

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HARVEST WHEAT

CARAMEL

EMBER

ACORN

MERLOT

THATCH BROWN

CHOCOLATE

RICH COFFEE

EBONY

GREYSTONE

Finishes and colors shown may not be actual representations. Please visit authorized Weather Shield dealer for color samples.

Available Window Styles



CASEMENT



DOUBLE HUNG



AWNING



SLIDER



SPECIALTY SHAPE

Available Patio Door Styles



HINGED



BIFOLD
2 TO 8 PANELS



MULTI-SLIDE
2 TO 10 PANELS



SLIDING



LIFT & SLIDE
2 TO 10 PANELS

weathershield.com

DMC 550S Profile

A superior integral seam design and quick installation – that's the hallmark of the DMC 550S panel. This expertly crafted interlocking roof system provides a powerfully protective weathertight seam. The finished results deliver a substantial measure of quality and style that's certain to stand the test of time.

*Weather
Tightness
Warranty
Approved!*



Ideal Application:

Commercial

Residential

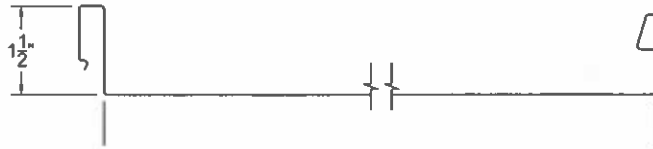


DMC 550S Profile

Available widths:

12", 14", 16" or 19"

*Drexel Metals design pressures, wind uplifts and test reports are for specific deck attachments, material gauges, clip spacing and panel widths. A complete specification and listing is available online at www.drexelmetals.com



Substrates available:

- Galvalume® – 24ga
- Drexlume® – 24ga



Finishes and product warranty:

Available in a variety of coatings and colors by AkzoNobel. See the Drexel Metals color card for standard colors and paint specifications.



Galvalume® Substrate:
High-performance painted metal roofing product, carefully tensioned leveled for superior flatness.

35 YEAR WARRANTY
35-Year Non Pro-rated PVDF Paint Warranty

Drexlume® Substrate:
Mill finished Galvalume® with a two-sided, clear acrylic finish.

25 YEAR WARRANTY
25-Year Non Pro-rated Drexlume Warranty (Acrylic Coated Galvalume)

Production options:

Factory made or field rolled to exact lengths
Optional: striation, beads, pencil ribs

Installation:

Can be installed over open frame steel purlins, or over plywood decking and Drexel Metals MetShield® underlayment.



Slope:

Minimum slope 3:12



Minimum Roof Pitch:
3:12 – low roof pitch

Testing:

In accordance with:



- UL 580 Wind Uplift (Class 90)
- UL 2218 Class 4 Hail Impact
- UL 263 Fire Certification
- UL 790 Class A Fire Rating
- UL Environmental – SRI Third-Party Verified

DrexelMetals
Roofing Systems + Custom Fabrication

www.drexelmetals.com

1234 Gardiner Lane, Louisville, KY 40213
888-321-9630 toll-free • 502-690-6174 fax



HardiePlank® Lap Siding

Submittal Form

01

Submitted to:

Project Name:

Submitted by:

Date:

HZ5® Product Zone HZ10® Product Zone

Product Width: 5-1/4in 6-1/4in 7-1/4in 8in 8-1/4in 9-1/4in 12in

Product Finish: Primed ColorPlus®Technology

Product Texture: Smooth Select Cedarmill® Colonial Roughsawn®
 Colonial Smooth® Rustic Cedar

HardiePlank® Lap Siding

Specification Sheet

01

DIVISION: 07 00 00 THERMAL AND MOISTURE PROTECTION

SECTION: 07 46 46 FIBRE CEMENT SIDING

HARDIEPLANK® LAP SIDING

Manufacturer

James Hardie Building Products, Inc

The products are manufactured at the following locations, with quality control inspections by ICC-ES:

- Cleburne, Texas
- Plant City, Florida
- Reno, Nevada
- Waxahachie, Texas
- Peru, Illinois
- Pulaski, Virginia
- Tacoma, Washington
- Fontana, California

Compliance with the following codes

- 2012, 2009 and 2006 International Building Code® (IBC)
- 2012, 2009 and 2006 International Residential Code® (IRC)

Features

- Noncombustible
- Dimensionally Stable
- Resists damage from pests
- Weather Resistant-Engineered for Climate®
- Impact resistant
- Sustainable

Use

James Hardie fiber-cement lap siding is used as exterior wall covering. The product complies with IBC Section 1404.10 and IRC Section R703.10. The product may be used on exterior walls of buildings of Type I, II, III and IV construction (IBC)

Description

HardiePlank lap siding is a single-faced, cellulose fiber-reinforced cement (fiber-cement) product. HardiePlank lap siding complies with ASTM C1186, as Grade II, Type A; has a flame-spread index of 0 and a smoke-developed index of 5 when tested in accordance with ASTM E84; and is classified as noncombustible when tested in accordance with ASTM E136.

Available Sizes

Product	Width (in)	Length	Thickness (in)
HardiePlank lap siding*	5-1/4, 6-1/4, 7-1/4, 8, 8-1/4, 9-1/4, 12	12 feet	5/16

* HZ5: 9-1/4, 12 only available primed HZ10: 5-1/4, 9-1/4, 12 only available primed.

Texture & Finish

HardiePlank lap siding comes in a variety of textures and finishes. The product is available in smooth or wood grain texture. Additional textures are available on a regional basis. Finish options are primed for field paint, or factory finished with ColorPlus® Technology. Color availability varies by region.

Engineered for Climate®

HardiePlank lap siding is engineered for performance to specific weather conditions by climate zones as identified by the following map.



5

Performance Properties

	General Property	Test Method	Unit or Characteristic	Requirement	Result
PHYSICAL ATTRIBUTES	Dimensional Tolerances	ASTM C1185	Length	± 0.5% or ± 1/4 in	Pass
			Width	± 0.5% or ± 1/4 in	
			Thickness	± 0.04 in	
			Squareness	Δ in diagonals ≤ 1/32 in/ft of sheet length. Opposite sheet sides shall not vary in length by more than 1/32 in/ft	
			Edge Straightness	≤ 1/32 in/ft of length	
	Density, lb/ft ³	ASTM C1185		As reported	83
	Water Absorption, % by mass	ASTM C1185		As reported	36
	Water Tightness	ASTM C1185	Physical Observations	No drop formation	Pass
	Flexural Strength	ASTM C1185	Wet conditioned, psi	>1015 psi	Pass
Equilibrium conditioned, psi			>1450 psi		
THERMAL	Thermal Conductivity	ASTM C177	(BTU/(hr-ft ² °F))/inch	As reported	2.07
	Actual Thermal Conductivity		(K _{eff})		6.62
	Thermal Resistance		R=1/ K _{eff}		0.48
	Actual Thermal Resistance		(R)		0.15
DURABILITY	Warm Water Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Heat/Rain Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
	Freeze/Thaw Resistance	ASTM C1185	Physical Observations	No visible cracks or structural alteration	Pass
			Mass Loss, %	≤ 3.0%	
			Freeze/Thaw, % strength retention	≥ 80%	
UV Accelerated Weathering Test	ASTM G23	Physical Observations	No cracking, checking, or crazing	Pass	
FIRE CHARACTERISTICS	Surface Burning Characteristics	ASTM E84	Flame Spread Index (FSI)		0
			Smoke Developed Index (SDI)		≤ 5
			Fuel Contributed		0
			NFPA Class		A
			Uniform Building Code Class	As reported	1
	International Building Code® class		A		
Noncombustibility	ASTM E136	Noncombustible	Pass/fail	Pass	
Fire Resistance Rated Construction	ASTM E119	Fire Resistance Rating	1-hour	Note 1	

Note 1: listed on Warnock Hersey and ESR 2290

Installation

Install HardiePlank lap siding in accordance with:

- HardiePlank lap siding installation instructions
- ICC-ES ESR 2290
- Requirements of authorities having jurisdiction

Warranty

HardiePlank lap siding: 30-year, Non-Prorated, Limited Warranty
 ColorPlus Technology: 15-year Limited Finish Warranty

Sustainable Design Contribution

- Regionally sourced content- varies by project location
- Avoidance of certain chemicals or Red List Compliance

Detailed product information for LEED projects, or other state or regional sustainability programs is available through James Hardie Technical Services.

Storage and Handling

Store flat and keep dry and covered prior to installation.

Technical Services

Contact James Hardie Technical Services online at JamesHardie.com, or by phone at (800)426-4051



Additional Installation Information, Warranties, and Warning are available at JamesHardie.com

1 866 442 7343 | www.jameshardie.com

IMPORTANT: Failure to install and finish this product in accordance with applicable building codes and James Hardie written application instructions may affect system performance, violate local building codes, void the product-only warranty and lead to personal injury.

DESIGN ADVICE: Any information or assistance provided by James Hardie in relation to specific projects must be approved by the relevant specialists engaged for the project eg. builder, architect or engineer. James Hardie will not be responsible in connection with any such information or assistance.

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64.5 in. x 81.75 in. Internal Grilles Right-Hand Inswing 1/2-Lite Clear Primed Steel Prehung Fr... **\$2454⁵⁰**

by MMI Door ★★★★★ (12) ❤️ 57



[Product Overview](#)

[Specifications](#)

[Questions & Answers](#)

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Internet #302109939 Model #Z029754R



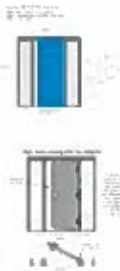
MMI Door

64.5 in. x 81.75 in. Internal Grilles Right-Hand Inswing 1/2-Lite Clear Primed Steel Prehung Front Door with Sidelites

★★★★★ (12) [Questions & Answers \(20\)](#)

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\$2454⁵⁰

\$410.00 /mo* suggested payments with 6 months* financing [Apply Now](#) ⓘ



Common Door Size (WxH) in.: 60 x 80

60 x 80 64 x 80



64.5 in. x 81.75 in. Internal Grilles Right-Hand Inswing 1/2-Lite Clear Primed Steel Prehung Fr... **\$2454⁵⁰**

by MMI Door ★★★★★ (12) ❤️ 57



[Product Overview](#)

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Compare Similar Steel Doors With Glass

	CURRENT PRODUCT			
Brand	MMI Door	MMI Door	MMI Door	MMI Door
Name	64.5 in. x 81.75 in. Internal Grilles Right-Hand Inswing 1/2-Lite Clear Primed Steel Prehung Front Door with Sidelites	64.5 in. x 81.75 in. Internal Grilles Right-Hand Inswing 1/2-Lite Clear Painted Steel Prehung Front Door with Sidelites	64.5 in. x 81.75 in. Internal Grilles Right-Hand Inswing 1/2-Lite Clear Painted Steel Prehung Front Door with Sidelites	64.5 in. x 81.75 in. Internal Grilles Right-Hand Inswing 1/2-Lite Clear Painted Steel Prehung Front Door with Sidelites
Price	\$2454⁵⁰	\$2799²⁶	\$2799²⁶	\$2799²⁶
Ratings	★★★★★ (12)	★★★★★ (0)	★★★★★ (2)	★★★★★ (0)
Door Handing	Right-Hand/Inswing	Right-Hand/Inswing	Right-Hand/Inswing	Right-Hand/Inswing
Door Configuration	Single door with Sidelites	Single door with Sidelites	Single door with Sidelites	Single door with Sidelites
Glass Layout	1/2 Lite	1/2 Lite	1/2 Lite	1/2 Lite
Glass Style	Clear Glass	Clear Glass	Clear Glass	Clear Glass
Glass Shape	Rectangle Lite	Rectangle Lite	Rectangle Lite	Rectangle Lite
Features	Brickmold,Glass Panel,Lockset Bore (Double Bore),Weatherstripping	Brickmold,Glass Panel,Lockset Bore (Double Bore),Weatherstripping	Brickmold,Glass Panel,Lockset Bore (Double Bore),Weatherstripping	Brickmold,Glass Panel,Lockset Bore (Double Bore),Weatherstripping
Door Type	Exterior Prehung	Exterior Prehung	Exterior Prehung	Exterior Prehung
Finish Type	Primed	Painted	Painted	Painted
Number of Lites	9 Lite	9 Lite	9 Lite	9 Lite
Panel Type	2 Panel	2 Panel	2 Panel	2 Panel
	View Product	View Product	View Product	View Product



Specifications

Dimensions

Actual Door Height (in.)	81.75
Actual Door Thickness (in.)	1.75
Actual Door Width (in.)	64.5



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Kwikset

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