# MONTGOMERY COUNTY HISTORIC PRESERVATION COMMISSION STAFF REPORT

Address: 10217 Menlo Ave., Silver Spring Meeting Date: 9/23/2020

**Resource:** Nominal (1936+) **Report Date:** 9/16/2020

**Capitol View Park Historic District** 

**Applicant:** Drew Dunn **Public Notice:** 9/9/2020

Review: HAWP Tax Credit: n/a

Case Number: 31/07-20L Staff: Dan Bruechert

**PROPOSAL:** Siding replacement

#### **STAFF RECOMMENDATION**

Staff recommends the HPC approve the HAWP application.

#### **ARCHITECTURAL DESCRIPTION**

SIGNIFICANCE: Nominal (1936+) Resource to the Capitol View Historic District

STYLE: Craftsman DATE: 1938

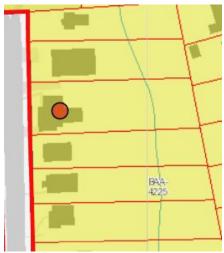


Fig. 1: 10217 Menlo Ave. is in the northeast corner of the historic district.

#### **PROPOSAL**

The applicant proposes to remove the existing wood siding and replace it with fiber cement board.

#### **APPLICABLE GUIDELINES**

When reviewing alterations and new construction within the Capitol View Park Historic District several documents are to be utilized as guidelines to assist the Commission in developing their decision. These documents include the *Approved & Adopted Sector Plan for Capitol View & Vicinity (Sector Plan)*, *Montgomery County Code Chapter 24A* (*Chapter 24A*), and the *Secretary of the Interior's Standards for* 

Rehabilitation (Standards). The pertinent information in these documents is outlined below.

#### Capitol View Historic District

Nominal (1936-1981): These houses of themselves are of no architectural significance of (sic) historical significance, but through their contiguity to the significant resources have some interest to the historic district.

#### Montgomery County Code; Chapter 24A-8

- (b) The commission shall instruct the director to issue a permit, or issue a permit subject to such conditions as are found to be necessary to ensure conformity with the purposes and requirements of this chapter, if it finds that:
  - (1) The proposal will not substantially alter the exterior features of an historic site or historic resource within an historic district; or
  - (2) The proposal is compatible in character and nature with the historical, archeological, architectural or cultural features of the historic site or the historic district in which an historic resource is located and would not be detrimental thereto or to the achievement of the purposes of this chapter; or
- (d) In the case of an application for work on an historic resource located within an historic district, the commission shall be lenient in its judgment of plans for structures of little historical or design significance or for plans involving new construction, unless such plans would seriously impair the historic or architectural value of surrounding historic resources or would impair the character of the historic district. (Ord. No. 9-4, § 1; Ord. No. 11-59.)

#### Secretary of Interior's Standards for Rehabilitation

The Secretary of the Interior defines rehabilitation as "the act or process of making possible a compatible use for a property through repair, alterations, and additions while preserving those portions or features, which convey its historical, cultural, or architectural values." The relevant *Standards* are as follows:

- 2. The historic character of a property shall be retained and preserved. The removal of historic materials or alteration of features and spaces that characterize a property shall be avoided.
- 5. Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture, and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.

#### **STAFF DISCUSSION**

The subject property is a one-and-a-half story gable-L house with clapboard siding. There is a square, flat-roofed addition to the rear that was constructed in the latter half of the 20<sup>th</sup> century. The siding has degraded and, after years of piecemeal repair and replacement, the applicant now proposes to remove all of the wood siding and replace it with fiber cement siding in a matching color.

Staff would typically discourage the removal and replacement of the original siding material because natural wood siding creates a deeper profile and casts a stronger shadow line than the much thinner, proposed fiber cement siding. This depth creates a historically appropriate texture. Additionally, the wood will warp slightly and the grain will rise over time developing a patina that a synthetic product cannot. Even in new construction where the HPC has deemed fiber cement siding to be an appropriate material, a general requirement is that the siding is installed with the smooth side facing out because the faux wood grain does not appear natural when installed. Staff also notes that replacing the existing wood siding with wood is work that is eligible for the County Historic Preservation Tax Credit, a 25% credit for eligible work applied to County real property taxes. [Replacing the wood siding in-kind does not require a HAWP, so no further review would be required.]

The Capitol View Park Historic District classifies the subject property as a 'Nominal' resource that is of "no architectural [or] historical significance." It is only through the subject property's proximity to the significant resources that it has an interest in the surrounding district. Ordinarily, Standard 5 of the Secretary of the Interior's Standards would require the repair or replacement in-kind of exterior siding, a feature generally found to be historically significant. But as the district nomination identifies the resource as having no historical and no architectural significance, staff finds that this Standard is not applicable in this instance. The administrative regulations to Chapter 24A state, "Where guidance in an applicable master plan, sector plan, or functional master plan is inconsistent with the Secretary of the Interior's Standards and Guidelines for Rehabilitation, the master plan guidance shall take precedence." Based on requirements in the regulations, none of the features of the subject property should be evaluated as historic. Additionally, 24A-8(d) directs the HPC to be lenient in its evaluation of proposals to structures that are of little historical or design significance.

The primary consideration in evaluating the proposed change to Nominal (and resources constructed after 1981) is: how will the proposed change impact the size, scale, and massing of the subject property and, by extension, the surrounding significant resources from the two earlier periods of construction? The answer, in this case, is it will not. Even though preservation orthodoxy requires the retention or replacement in-kind of the wood siding, under the requisite guidance, Staff can only recommend the HPC approve the siding replacement as proposed.

#### **STAFF RECOMMENDATION**

Staff recommends that the Commission <u>approve</u> the HAWP application under the Criteria for Issuance in Chapter 24A-8(b)(1), (2), and (d), having found that the proposal will not substantially alter the historic exterior features of the resource and is compatible in character with the district and the purposes of Chapter 24A;

and with the general condition that the applicant shall present the 3 permit sets of drawings, if applicable, to Historic Preservation Commission (HPC) staff for review and stamping prior to submission for the Montgomery County Department of Permitting Services (DPS) building permits;

and with the general condition that final project design details, not specifically delineated by the Commission, shall be approved by HPC staff or brought back to the Commission as a revised HAWP application at staff's discretion;

and with the general condition that the applicant shall notify the Historic Preservation Staff if they propose to make **any alterations** to the approved plans. Once the work is completed the applicant will contact the staff person assigned to this application at 301-563-3400 or dan.bruechert@montgomeryplanning.org to schedule a follow-up site visit.





### DATE ASSIGNED\_ **APPLICATION FOR** HISTORIC AREA WORK PERMIT HISTORIC PRESERVATION COMMISSION 301.563.3400

#### **APPLICANT:**

Name:			E-mail:	
Address:			City:	Zip:
Daytime Phon	e:		Tax Account N	lo.:
AGENT/CONT	ACT (if applicable	e):		
Name:			E-mail:	
Address:			City:	Zip:
Daytime Phone	e:		Contractor Re	gistration No.:
LOCATION OF	BUILDING/PREM	MISE: MIHP # of Historic	c Property	
map of the eas Are other Plan (Conditional Us supplemental Building Numb	sement, and docu ning and/or Heari se, Variance, Reco information.	mentation from the Easing Examiner Approvals ord Plat, etc.?) If YES, inc	sement Holder s /Reviews Requ clude informati	on the Property? If YES, include a supporting this application.  uired as part of this Application? ion on these reviews as
		Nource or		
for proposed be accepted to New Co Addition Demolit Grading I hereby certiff and accurate agencies and	I work are submifor review. Check enstruction n tion g/Excavation fy that I have the a and that the cons	tted with this applica call that apply: Deck/Porch Fence Hardscape/Landsc Roof authority to make the fo truction will comply with	cape regoing applica	that all supporting items ete Applications will not Shed/Garage/Accessory Structure Solar Tree removal/planting Window/Door Other: ation, that the application is corrected and approved by all necessary or the issuance of this permit.

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:

Work Item 1:	
Description of Current Condition:	Proposed Work:
Work Item 2:	
Description of Current Condition:	Proposed Work:
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/Exc avation/Land scaing	*	*		*	*	*	*
Tree Removal	*	*		*	*	*	*
Siding/ Roof Changes	*	*	*	*	*		*
Window/ Door Changes	*	*	*	*	*		*
Masonry Repair/ Repoint	*	*	*	*	*		*
Signs	*	*	*	*	*		*



Discover a whole new **SIDE OF HOME.** 









Installed on over 8 million homes\* from coast to coast, James Hardie® fiber cement siding products are designed to resist the most extreme conditions while delivering long term beauty and lower maintenance. Enjoy the warm, natural look of wood with unprecedented peace of mind. It's easy to see what makes James Hardie the market leader.

# UNIQUE FORMULATION

We use the highest quality raw materials and proprietary additives for enhanced strength and moisture protection.

# FINISHING TECHNOLOGY

Baked-on color delivers a beautiful finish that resists fading and makes a lasting impression.

# COMPLETE EXTERIOR

Offers homeowners an unrivaled collection of design options with exceptional warranties through a single, trusted manufacturer.

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<sup>\*</sup>Estimate based on total James Hardie siding sales through 2016 and average housing unit size.

# HardieZone® System

Only James Hardie® fiber cement products are Engineered for Climate®. In the northern U.S. and Canada, HZ5® products resist shrinking, swelling and cracking even after years of wet or freezing conditions. HZ10® products help protect homes from hot, humid conditions, blistering sun and more.

With James Hardie® siding and trim, homeowners have an exterior that's tougher than the elements and easy on the eyes.

#### **NO MATTER WHAT NATURE BRINGS**







# TOUGHER THAN THE ELEMENTS



Stands up to storms and harsh weather



Water resistant to protect against swelling, warping and cracking



Won't be eaten by animals or insects



Fire resistant



Helps reduce time and money spent on maintenance

# **Unique Formulation** HZ5<sup>®</sup> Substrate

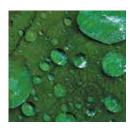
Not all fiber cement is the same. The James Hardie HZ5 product formulation contains the highest quality raw materials. Proprietary additives, combined with an innovative manufacturing process and product design, create a substrate specifically engineered to reduce moisture and resist damage from wet or freezing conditions.

# PROPRIETARY ENHANCEMENTS CREATE **DURABLE JAMES HARDIE® SIDING**



# Perfect balance of strength and workability

Our balance of high-quality Portland cement, sand and cellulose fiber delivers the best combination of strength and workability.



# Enhanced moisture resistance for unmatched durability

Patented and proprietary additives are chemically bonded within the HZ5® substrate matrix to provide durable moisture resistance.



#### **Increased dimensional stability**

Our siding is engineered at the microscopic level to create a fiber cement composite with superior dimensional stability that helps protect against shrinking and splitting.









# The advanced design of HZ5° lap siding improves drainage from top to bottom.

In addition to the enhanced moisture resistance of our product formulation, HardiePlank® HZ5® lap siding features a modified profile with a sloped top and bullnose drip edge for improved drainage over the entire outer face of the board.



#### **Sloped Top**

Positive slope at top drains moisture to outer face of lap



#### **Profiled Drip Edge**

Bottom bullnose drip edge allows moisture to drain away from lap

## **Finishing Technology**

### Primer

A quality primer is the first step to ensuring that the paint color you select beautifully expresses a home's true character now — and for years to come. Our distinctive primer is climate-tested and engineered to enhance the performance of paint on James Hardie® fiber cement siding products. It helps to provide consistent, long-lasting paint adhesion, even in the most demanding conditions.

# ColorPlus® Technology

Our advanced ColorPlus® Technology finishes deliver the ultimate in aesthetics and performance. Our products aren't simply painted at the factory. Our proprietary coatings are baked onto the board, creating a vibrant, consistent finish that performs better, lasts longer and looks brighter on your homes.



#### **Exceptional finish adhesion**

Our proprietary coating is engineered for exceptional adhesion to our substrate and applied to the surface, edges and features for durable performance.



#### **Superior color retention**

Finish is cured onto boards for a stronger bond, which allows for exceptional resistance to cracking, peeling and chipping.



#### **Superior UV resistance**

ColorPlus® Technology finishes retain vibrancy longer when compared to vinyl siding and typical field paints on other siding products.



**ColorPlus**® Technology



#### Our finishes help eliminate stress and reduce costly weather delays when

it's too cold or damp to paint for extended periods. Now there's no reason to question whether or not sub-optimal painting conditions will negatively affect your paint job. In fact, there's no longer any need to paint on-site during installation.

ColorPlus® Technology finishes are fully cured in a controlled environment and arrive on your job site ready for year-round installation.







## **James Hardie Complete Exterior**™

Top to bottom, our exterior product line is defined by excellent performance, aesthetics and design options.

Provide protection from the elements, showcase a homeowner's individual style and install peace of mind with exceptional warranties through a single, trusted manufacturer.



HardieShingle® Siding



HardiePanel® Vertical Siding & HardieTrim® Batten Boards



HardiePlank® Lap Siding



HardieTrim® Boards



HardieSoffit® Panels

### **Hardie**Plank®

Sleek and strong, HardiePlank® lap siding is not just our best-selling product – it's the most popular brand of siding in America.

With a full spectrum of colors and textures, homeowners can enjoy protection from the elements and the versatility to make their dream home a reality. From Victorians to Colonials, HardiePlank lap siding sets the standard in exterior cladding.



### **Hardie**Plank®

Thickness 5/16 in Length 12 ft planks

#### **SELECT CEDARMILL® & SMOOTH**

Width	5.25 in*	6.25 in	7.25 in	8.25 in
Exposure	4 in	5 in	6 in	7 in
Prime Pcs/Pallet	360	308	252	230
ColorPlus Pcs/Pallet	324	280	252	210
Pcs/Sq	25.0	20.0	16.7	14.3

#### **SELECT CEDARMILL®**



Width	5.25 in*	6.25 in	7.25 in	8.25 in
STATEMENT COLLECTION™				$\checkmark$
DREAM COLLECTION™	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
PRIME	$\checkmark$	$\checkmark$	$\checkmark$	<b>√</b>

#### **SMOOTH**



Width	5.25 in*	6.25 in	7.25 in	8.25 in
STATEMENT COLLECTION™				✓
DREAM COLLECTION™	$\checkmark$	✓	$\checkmark$	✓
PRIME	$\checkmark$	✓	✓	✓

#### BEADED CEDARMILL®



#### **BEADED CEDARMILL® & BEADED SMOOTH**

Width 8.25 in

Exposure 7 in

ColorPlus Pcs/Pallet 210

Pcs/Sq 14.3

STATEMENT COLLECTION\*\*

DREAM COLLECTION\*\*

PRIME

#### **BEADED SMOOTH**



### **Hardie**Panel®

HardiePanel® vertical siding delivers style and substance. When combined with HardieTrim® boards, it achieves the rustic board-and-batten look that defines cottage charm. The covered seams contribute to a well-insulated home.

Its crisp, clean lines make HardiePanel vertical siding a smart choice for strong, contemporary designs.



### **Hardie**Panel®

Thickness 5/16 in

#### SELECT CEDARMILL®, SMOOTH, STUCCO & SIERRA 8

Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
Prime Pcs/Pallet	50	50	50
ColorPlus Pcs/Pallet	50	_	50
Pcs/Sa	3.2	2.8	2.5

#### SELECT CEDARMILL®



Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
STATEMENT COLLECTION™			$\checkmark$
DREAM COLLECTION™	$\checkmark$		$\checkmark$
PRIME	$\checkmark$	$\checkmark$	$\checkmark$

#### **SMOOTH**



Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
STATEMENT COLLECTION™			$\checkmark$
DREAM COLLECTION™	<b>√</b>		$\checkmark$
PRIME	<b>√</b>	<b>√</b>	<b>√</b>

#### STUCCO



Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
STATEMENT COLLECTION™			
DREAM COLLECTION™	<b>√</b>		<b>√</b>
PRIME	$\checkmark$	$\checkmark$	$\checkmark$

#### **SIERRA 8**



Size	4 ft x 8 ft	4 ft x 9 ft	4 ft x 10 ft
STATEMENT COLLECTION™			
DREAM COLLECTION™			
PRIME	✓	$\checkmark$	$\checkmark$

### **Hardie**Shingle®

Restore the look of a grand Cape Cod or add distinction to a handsome bungalow. HardieShingle® siding embodies the enchanting look of cedar shingles with lower maintenance.

Better than the real thing, HardieShingle siding resists rotting, curling, warping and splitting.



### **Hardie**Shingle®

Thickness 1/4 in



## **STAGGERED EDGE PANEL**

Length 48 in Height 15.25 in Exposure 6 in Prime Pcs/Pallet 100 ColorPlus Pcs/Pallet 100 Sq/Pallet 2 Pcs/Sq 50.0

**STATEMENT COLLECTION™** 

DREAM **COLLECTION™** 

PRIME ✓





Length 48 in Height 15.25 in Exposure 7 in Prime Pcs/Pallet 86 ColorPlus Pcs/Pallet 86 Sq/Pallet 2 Pcs/Sq 43.0

> STATEMENT  $\textbf{COLLECTION}^{\text{\tiny{TM}}}$

DREAM  $\textbf{COLLECTION}^{\text{\tiny{TM}}}$ 

PRIME ✓





#### **INDIVIDUAL SHINGLES**

Length 4.2in 5.5in 6.75in 7.25in 10 in

Height 15.25 in Exposure 7 in Prime 630 Pcs/Pallet

Sq/Pallet 2

Pcs/Sq 315.0

**STATEMENT COLLECTION™** 

**DREAM COLLECTION™** 

PRIME  $\checkmark$ 





#### **HALF ROUNDS**

Length 48 in Height 15.25 in Exposure 7 in Prime 86 Pcs/Pallet Sq/Pallet 2 Pcs/Sq 43.0

**STATEMENT COLLECTION™** 

**DREAM** COLLECTION™

PRIME ✓



### **Hardie**Trim<sup>®</sup>

Form meets function at every angle with HardieTrim® boards. With an authentic look, HardieTrim boards provide design flexibility for columns, friezes, doors, windows and other accent areas.

Better than wood, it will complement your long-lasting, lower maintenance James Hardie® siding – adding punctuation to your design statement.





Length 12 ft boards

#### NT3® BOARDS SMOOTH



#### 4/4 SM00TH

Thickness .75 in Width 3.5 in 5.5 in 7.25 in 9.25 in 11.25 in ColorPlus Pcs/Pallet 312 208 156 104 104 **STATEMENT** AW **COLLECTION™ DREAM COLLECTION™ PRIME** 

#### 5/4 SM00TH

Thickness 1 in Width 3.5 in 4.5 in 5.5 in 7.25 in 9.25 in 11.25 in 200 120 80 80 ColorPlus Pcs/Pallet 240 160 **STATEMENT** AW  $\textbf{COLLECTION}^{\text{\tiny{TM}}}$ **DREAM**  $\textbf{COLLECTION}^{\text{\tiny{TM}}}$ **PRIME** 

**AW** - Arctic White only. Not available in the standard trim product Statement Collection™ color offering.

#### **BATTEN BOARDS**

# SMOOTH RUSTIC GRAIN°



#### **SMOOTH & RUSTIC GRAIN®**

<b>✓</b>	STATEMENT COLLECTION <sup>™</sup>		Thickness Width
$\checkmark$	DREAM COLLECTION™		Prime Pcs/Pallet
$\checkmark$	PRIME	437	ColorPlus Pcs/Pallet

### **Hardie**Soffit®

A home is only as strong as its weakest point. HardieSoffit® panels reinforce your work by protecting the vulnerable gap between eaves and exterior walls.

Available in vented, non-vented and a range of pre-cut sizes, these panels complete your design and help protect it from moisture and pests.

#### **VENTILATION BENEFITS**

Using vented soffit improves ventilation in the attic space and reduces the chance of water vapor condensation that can lead to issues such as mold and mildew growth, stained ceilings and damage to the framing of the house.

In warm climates, HardieSoffit panels allow hot, humid air to escape, which not only helps prevent condensation in the attic, but can also help reduce air conditioning costs.

In cool climates, HardieSoffit panels help prevent condensation from forming on the interior side of the roof sheathing and reduce the chances of roof-damaging ice dams.



### **Hardie**Soffit®

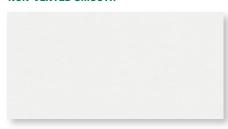
#### Thickness 1/4 in



#### **VENTED SELECT CEDARMILL®**



#### NON-VENTED SMOOTH



#### NON-VENTED SELECT CEDARMILL®



#### **BEADED PORCH PANEL**



#### **VENTED SMOOTH & SELECT CEDARMILL®**

Length	12 ft	12 ft	8 ft
Width	12 in	16 in	24 in
Prime Pcs/Pallet	200	150	100
ColorPlus Pcs/Pallet	216	156	50

Size 12 ft x 12 in 12 ft x 16 in 8 ft x 24 in	1
---	---

STATEMENT COLLECTION™	$\checkmark$		
DREAM COLLECTION™	$\checkmark$	$\checkmark$	$\checkmark$
PRIME	$\checkmark$	$\checkmark$	$\checkmark$

<b>Size</b> 12 ft x 12 in 12 ft x 16 in 8 ft x 2

STATEMENT COLLECTION™			
DREAM COLLECTION™	$\checkmark$	$\checkmark$	$\checkmark$
PRIME	$\checkmark$	$\checkmark$	$\checkmark$

#### **NON-VENTED SMOOTH & SELECT CEDARMILL®**

Length	12 ft	12 ft	8 ft	8 ft
Width	12 in	16 in	24 in	48 in
Prime Pcs/Pallet	200	150	100	50
ColorPlus Pcs/Pallet	216	156	50	_

#### Size 12 ft x 12 in 12 ft x 16 in 8 ft x 24 in 8 ft x 48 in

STATEMENT COLLECTION™	$\checkmark$	AW	AW	
DREAM COLLECTION™	$\checkmark$	$\checkmark$	$\checkmark$	
PRIME	<b>✓</b>	$\checkmark$	$\checkmark$	$\checkmark$

#### **Size** 12 ft x 12 in 12 ft x 16 in 8 ft x 24 in 8 ft x 48 in

12 10 X 12 III	12 10 X 10 III	OTCALIT	O IL X IO III
✓	✓	✓	
$\checkmark$	<b>√</b>	$\checkmark$	✓
	<u> </u>	✓ ✓ ✓ ✓	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓

#### **BEADED PORCH PANEL**

Thickness	1/4 in	STATEMENT	
Length	8 ft	COLLECTION™	
Width	48 in	DREAM COLLECTION™	$\checkmark$
Prime Pcs/Pallet	50	COLLECTION	
ColorPlus Pcs/Pallet	50	PRIME	$\checkmark$

# STATEMENT COLLECTION<sup>™</sup>

Make your next home stand out with our Statement Collection™ products. Carefully curated by our design experts specifically for your market, the collection brings together the most popular James Hardie ColorPlus® siding and trim styles, textures, and colors. This stunning selection is locally stocked and designed for simplicity - making it easier than ever to get a beautiful, long-lasting home exterior.

# ColorPlus® Technology

#### Plank, Panel, Shingle and Batten Color Offering



### **Trim Color Offering**



### **Soffit Color Offering**



Colors shown are as accurate as printing methods will permit. Please see actual product sample for true color.

### **Hardie**Plank®

Thickness 5/16 in 12 ft planks Length



#### **SELECT CEDARMILL® & SMOOTH**

Width 8.25 in **Exposure** 7 in ColorPlus 210 Pcs./Pallet

### **Hardie**Panel®

Thickness 5/16 in



#### **SELECT CEDARMILL® & SMOOTH**

4 ft x 10 ft Size ColorPlus 50 Pcs./Pallet

### **Hardie**Shingle®

Thickness 1/4 in Length 48 in



#### **STRAIGHT EDGE PANEL**

Height 15.25 in Exposure 7 in ColorPlus Pcs./Pallet



**STAGGERED EDGE PANEL** 

Height 15.25 in Exposure 6 in ColorPlus 100 Pcs./Pallet

### **Hardie**Soffit®

Thickness 1/4 in Length 12 ft



#### **VENTED SMOOTH**

Width 12 in 16 in\* 24 in\* Length 12 ft 12 ft 8ft **ColorPlus** 216 156 108 Pcs./Pallet



#### **NON-VENTED SMOOTH**

Width 12 in 16 in\* 24 in\* Length 12 ft 12 ft 8 ft ColorPlus 216 156 108 Pcs./Pallet

\*16 in and 24 in soffit panels only available in Arctic White

### **Hardie**Trim®

4/4 SMOOTH





Thickness .75 in Length 12 ft boards Width 3.5 in 5.5 in 7.25 in 9.25 in\* 11.25 in ColorPlus

312 104 208 156 104 Pcs./Pallet

1 in 12 ft boards 3.5 in 4.5 in 5.5 in 7.25 in 9.25 in\* 11.25 in 240 80 200 160 120 80

### **BATTEN BOARDS**

#### 4/4 SM00TH



.75 in 12 ft boards 2.5 in 190



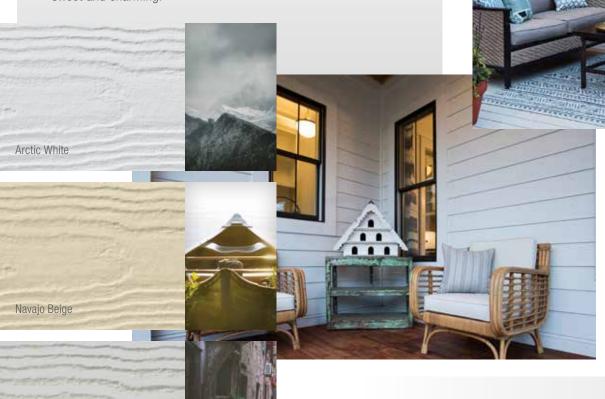
<sup>\*</sup>Only available in Arctic White

# **Get Inspired**

### **CRISP & CLEAN**

LIGHT COLORS

Whites and soft pastels are pure, clean, new and bright. Combine with other hues to add interest, personality and contrast. Works well on houses with Colonial Inspiration. A pastel A-frame cottage can look sweet and charming.



### **SUBTLE & SOPHISTICATED**

NEUTRAL COLORS

Neutral rules the suburbs. These shades are safe, but also sophisticated. When accessorized with black or a darker color, a neutral can look fashionably stylish. Play with textures and use different tones for trim.

Cobble Stone



Dark grays, blues and greens can feel both intellectual and modern. When used with white trim, they create drama. Works well in old neighborhoods, or urban environments, where there is a mix of old and new.

Evening Blue



Looking to further express your sense of style? Look to our Dream Collection™ products.

- Featuring a color palette of over 700
   ColorPlus® Technology finishes
- Made to order in a wide array of James Hardie® siding and trim styles
- Matches elevated design flexibility with the uncompromising performance of our fiber cement products

To see what's possible and order Dream Collection product samples visit jameshardiepros.com/dream



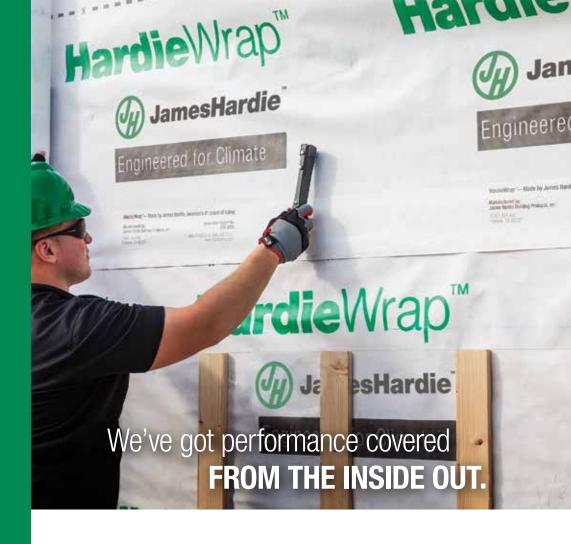


### **Hardie**Wrap®

No exterior cladding can prevent 100% of water intrusion. Your homes should have an additional line of defense. HardieWrap® weather barrier provides a superior balance of water resistance and breathability, keeping the area within the wall drier. This helps prevent moisture accumulation that may lead to mold and mildew growth.

#### **INSTALLATION ADVANTAGES**

- Thicker, more durable material for easier, quicker installation
- Superior tear resistance helps prevent water infiltration
- Can be installed with staples in place of cap nails for cost savings
- Provides a higher level of performance, no matter what type of cladding you specify





#### **WEATHER BARRIER**

Thickness	11 mil				Thickness	60 mil	
Length	100 ft	100 ft	150 ft	150 ft	Length	75 ft	75 ft
Width	3 ft	9 ft	9 ft	10 ft	Width	6 in	9 in

**FLEX FLASHING** 

**SEAM TAPE** 

#### **PRO-FLASHING**

Thickness	20 mil			Thickness	3.2 mil
Length	75 ft	75 ft	75 ft	Length	164 ft
Width	∕l in	6 in	Q in	Width	1-7/8 ir



To learn more about our weather barrier's advantages, visit **jameshardiepros.com** 

## **Install Done Right**

**Installation Accessories** 

#### HARDIEBLADE® SAW BLADES

Manufactured by Diablo, the HardieBlade® saw blade is designed specifically to cut fiber cement products, and is the only saw blade James Hardie recommends. The blade creates clean, precise cuts while helping to reduce the amount of airborne dust produced. Specially designed to outlast other fiber cement saw blades by 3X, outlasting carbide blades by 60X.





#### PACTOOL® GECKO GAUGE

The PacTool® Gecko Gauge is designed to improve the installation experience, allowing one person to hang HardiePlank® lap siding during installation. Studies suggest the Gecko Gauge can improve the speed of solo installation by 30%.





# **Finishing Touches**

ColorPlus® Technology Accessories

#### **TOUCH-UP KITS**

Specially formulated to match ColorPlus Technology finishes, our touch-up kits offer resistance to aging, color change and chalking. Estimated one kit per 4000 sq ft of siding or 1600 sq ft of trim.



#### **COLOR MATCHED CAULK**

OSI® QUAD® MAX sealant offers a high performance sealant solution to color match Statement Collection™ products.\* About 18-20 linear feet per tube. Refer to packaging for manufacturer's recommendations.

\*For matching Dream Collection products, contact your local James Hardie representative.

#### **Trim Accessories**

#### **FLAT TABS**

Eliminate face nails and improve the aesthetic of trim applications around windows, doors and band boards.

#### **CORNER TABS**

Use corner tabs to eliminate face nail holes that would detract from the finished look of corner trim installations.



Find useful job-site tips in our industry-leading Best Practices Guide. For the latest installation instructions, visit **jameshardiepros.com** 





## See the James Hardie Difference



James Hardie invented fiber cement.

Over 8 million homes\* later, we continue to set the standard in premium, high-performance exterior cladding.

Our products deliver uncompromising durability and finish quality for a beautiful, lower maintenance exterior.

Our unrivaled investment in R&D and constant innovations in product design, manufacturing and distribution allow us to remain steps ahead of the competition. With the support of our employees, partners and exceptional warranties, we're committed to protecting your customers' homes while helping your business grow.

<sup>\*</sup>Estimate based on total James Hardie siding sales through 2016 and average housing unit size.

# Warranty – for peace of mind

Protect your homes with North America's #1 brand of siding backed by exceptional warranties. Unlike other brands, James Hardie doesn't prorate our siding and trim warranty coverage. We stand behind our siding 100% for 30 years and trim for 15 years.

ColorPlus® Technology finishes come with a 15-year limited warranty.



# **Endorsements** – a reputation built on trust

For decades, our fiber cement products have been used to create better places to live. Each new home stands as a testament to our uncompromising quality. That proven track record has earned the loyalty of millions of homeowners and the endorsements of trusted authorities across the building industry.



Listed as top building materials & products by **Professional Builder 2018** 



Chosen by builders as a **Brand Leader** in **Builder magazine** for over 20 years



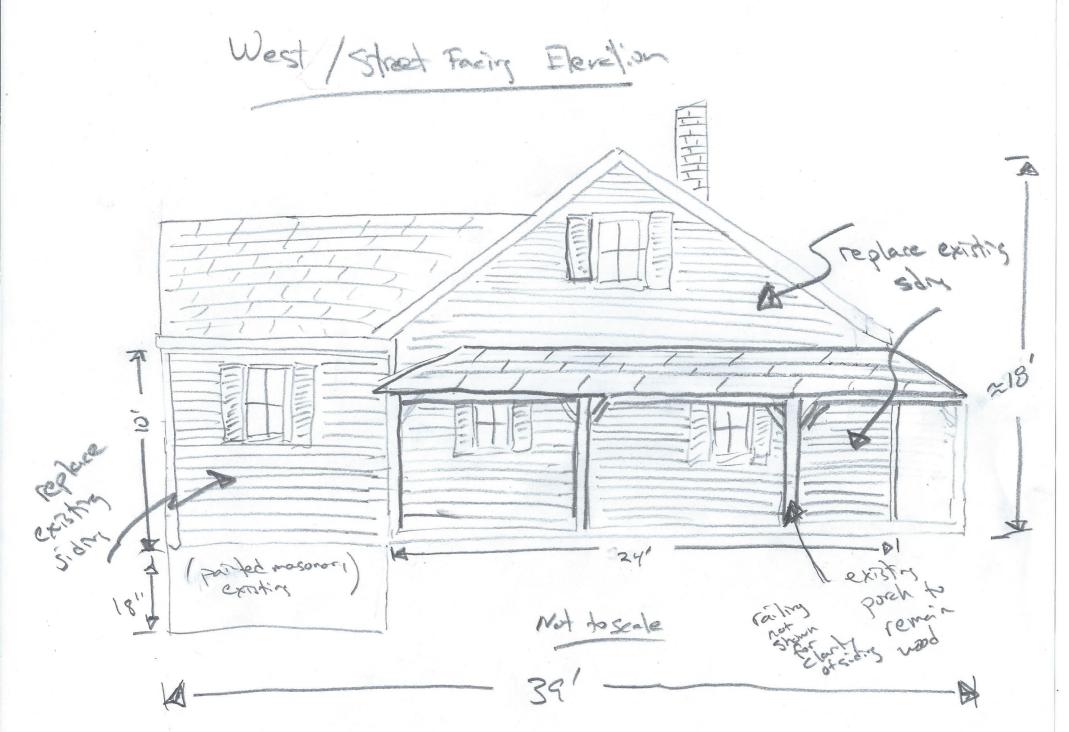
James Hardie® siding & trim products have earned the Good Housekeeping Seal





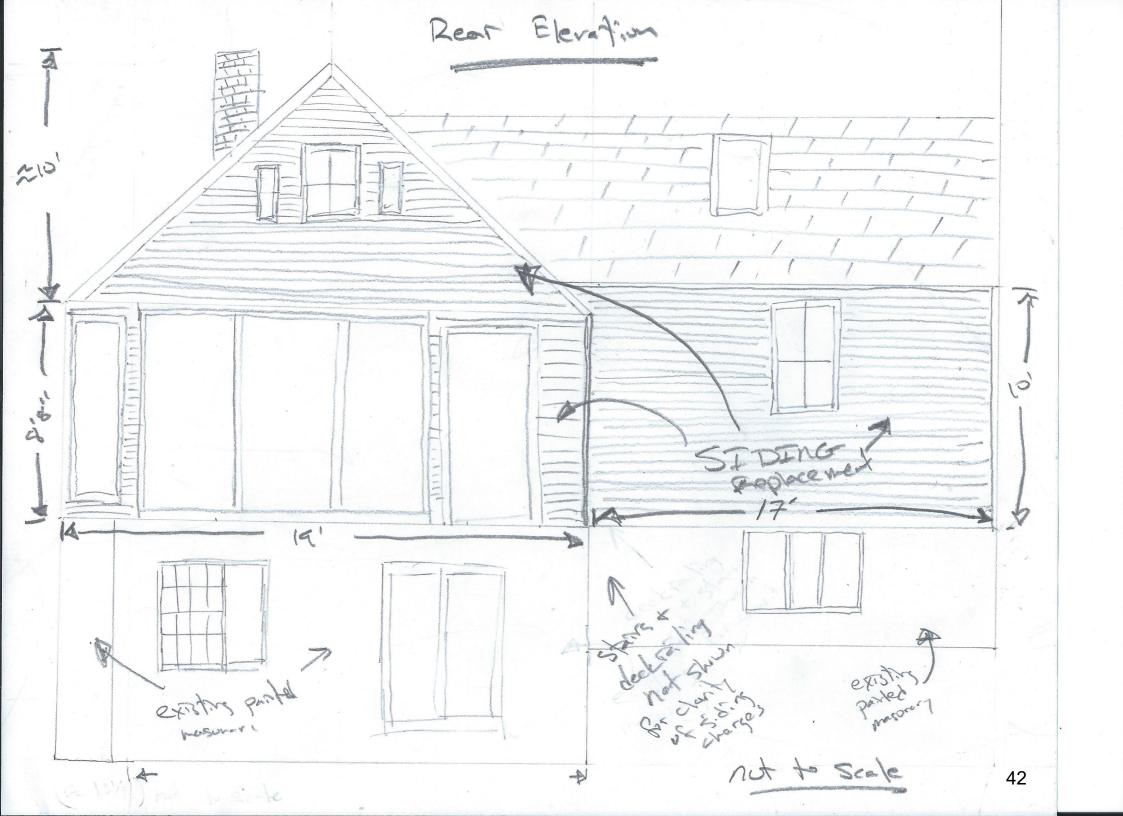






# North / Left Elevation





# RSH Sde Elevetin



