



## HISTORIC PRESERVATION COMMISSION

Isiah Leggett  
County Executive

William Kirwan  
Chairman

Date: July 26, 2018

### MEMORANDUM

TO: Diane Schwartz Jones  
Department of Permitting Services

FROM: Rebecca Ballo  
Historic Preservation Section  
Maryland-National Capital Park & Planning Commission

SUBJECT: Historic Area Work Permit #843356: Roof replacement

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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 July 25, 2018 Historic Preservation Commission (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.

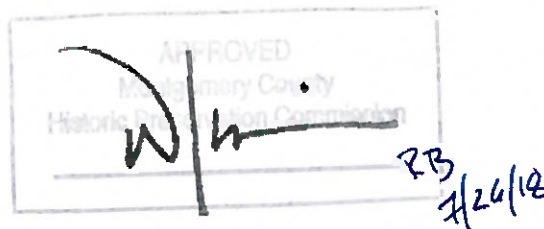
Applicant: Aleksandra Johnson  
Address: 51 Elm Avenue, Takoma Park

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 Rebecca Ballo at 301.563.3404 or [rebecca.ballo@montgomeryplanning.org](mailto:rebecca.ballo@montgomeryplanning.org) to schedule a follow-up site visit.



# GAF Timberline® High Definition Shingles Brochure

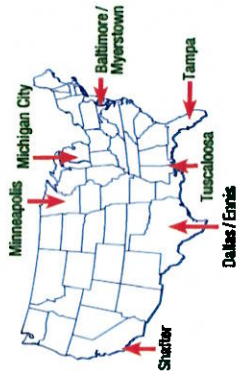
(RESTL100HD)  
Updated: 7/16



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[gaf.com](http://gaf.com)

# Color Availability Chart



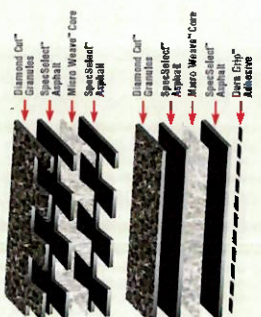
ALL color combinations which these color charts represent the shingles in your area.

	Baltimore/Myerstown	Dallas/Frisco	Michigan City	Minneapolis	Shafter	Tampa	Tupealooosa
<b>Most Popular Colors:</b>	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Barkwood	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Charcoal	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Hickory	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Hunter Green	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Shakewood	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Slate	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
Weathered Wood	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲	▲▲
<b>Regional Colors:</b>							
Birchwood <sup>1</sup>			●	●	●	●	●
Biscayne Blue			●	●	●	●	●
Copper Canyon <sup>1</sup>			●	●	●	●	●
Driftwood			●	●	●	●	●
Fox Hollow Gray			●	●	●	●	●
Golden Amber <sup>1,2</sup>			●	●	●	●	●
Mission Brown			●	●	●	●	●
Oyster Gray			●	●	●	●	●
Patriot Red			●	●	●	●	●
Pewter Gray			●	●	●	●	●
Sunset Brick			●	●	●	●	●
White <sup>1,3</sup>			●	●	●	●	●
Williamsburg Slate			●	●	●	●	●

**Product Key:**  
 ● = Timberline HD®  
 ▲ = Timberline Ultra HD®

<sup>1</sup> Rated by the Cool Roof Rating Council (CRRCC) can be used to comply with Title 24 roofing product requirements, and meets the Los Angeles Green Building Code.  
<sup>2</sup> Limited availability.  
<sup>3</sup> Timberline HD® White is ENERGY STAR® certified (U.S. only).  
 For complete product specifications, visit [gaf.com](http://gaf.com).

## The many protective layers of a Timberline® High Definition® Shingle



- **Flameless asphalt shingle**
- Lifetime Ltd. transferable warranty<sup>1</sup>
- Smart Choice® Protection for the first 10 years<sup>2</sup>
- 130 mph Ltd. wind coverage<sup>2</sup>
- UL Listed to ANSI/UL 790 Class A
- Passes ASTM D7158, Class H
- ASTM D3161, Type 1, Class F
- StainGuard® protection<sup>3</sup>
- ENERGY STAR® certified (White only)<sup>4</sup>
- CSA A123.5<sup>5</sup>
- ASTM D3018, Type 1
- ASTM D3462<sup>6</sup>
- Miami-Dade County Product Control approved<sup>7</sup>
- Florida Building Code approved<sup>8</sup>
- Texas Department of Insurance<sup>9</sup>
- ICC approved<sup>10</sup>
- Classified in accordance with ICC-ES AC408
- Approximately 3 Bundles/Square (Timberline HD®)
- Approximately 4 Bundles/Square (Timberline Ultra HD®)
- Approximately 256 Nails/Square
- 5/32" (14.28 mm) exposure

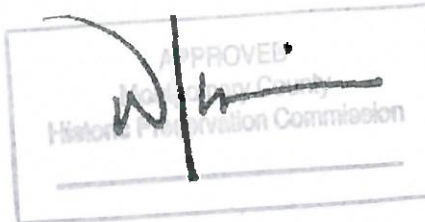
<sup>1</sup> See GAF Shingle & Accessory Ltd. Warranty for complete coverage and restrictions. The word "Lifetime" refers to the length of coverage provided. <sup>2</sup> Smart Choice® Protection is a limited warranty that covers the shingle for the first 10 years. <sup>3</sup> StainGuard® protection is a limited warranty that covers the shingle for the first 10 years. <sup>4</sup> Limited availability. <sup>5</sup> Limited availability. <sup>6</sup> Limited availability. <sup>7</sup> Limited availability. <sup>8</sup> Limited availability. <sup>9</sup> Limited availability. <sup>10</sup> Limited availability. <sup>11</sup> Limited availability. <sup>12</sup> Limited availability. <sup>13</sup> Limited availability.



## Color & Style Expert Advice By Patricia Verford

*"Color & Style go hand in hand when considering what shingle to use on your roof"*

The color and style of your shingle are important! After all, your roof represents up to 40% of your home's curb appeal, so it will always have a big impact on your home's overall look.



When it comes to the style of your shingle, it's important to think about the overall look and shape of your home. If your roof has a low pitch, the shingle profile will be more important than the shape; for a roof with a steep pitch, a unique design or color pattern may be more important. If you have a large roof surface, you don't want the color pattern of your shingle to be too busy (it can be overwhelming). On the other hand, a larger surface gives you a great opportunity to really change your home's look. So, make sure the design and color you select integrate extremely well with the rest of your house.

- Choose a shingle that complements your home's architectural style. For example, for a Colonial home, select a shingle with a clean line that complements the home's design. A Victorian house could take on a more colorful or complex design.
- The use of colors and textures can create a comfortable feel for your residence. For example, if focusing on the exterior of a Shingle Style home, adding color and textured design elements make the home much more approachable.

When you look at home exterior color trends, you'll notice that they're typically much more muted than the color trends you see in fashion. For example, if bold greens are in the fashion magazines, you might see the introduction of new home exterior palettes in warm, earthy green tones. Why? Because bold green might not be "in" two years from now (fashion), but you will still have the same roof. Color choices in exterior are long-term decisions, so make sure the palette that you select is not only one that fits your personality and taste today but also one that you'll enjoy ten years down the road.

- Observe how much of your roof is visible from the street or common view. A larger roof looks best in neutral tones. If the roof angle is normal or slight, you can use more colorful shingles or interesting patterns.
- Use colors in the same color family as the body of your house for a simple, non-accented combination. An example is a gray roof on a gray house, whether light or dark gray. Trim in white or black will keep it understated.
- Use bright colors to make a design statement. For example, a green roof on a red brick house or a red roof on a gray house.
- And remember, follow your instinct. Choose the color and style that make you comfortable. After all, you're the one looking at it every time you come home!

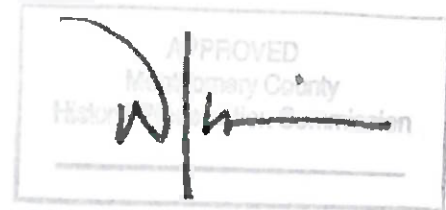
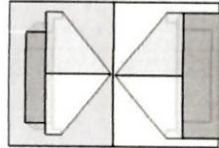
Patricia Verford has been responsible for coloring products for many Fortune 500 companies; she has a specialty in exterior products. Her work has been featured in major newspapers as well as in many magazines such as *Real Simple*, *Better Homes and Gardens*, and *Forbes*.

**Alside Supply**

**Premium Report**  
August 25, 2015

**51 Elm Ave, Takoma Park, MD 20912-4632**

Date is incorrect  
These photos  
~~these~~  
were taken in  
2017.



In this 3D model, facets appear as semi-transparent to reveal overhangs.

**Report Details**

Report: 11890528  
Claim Info: Tom Linstrom/Johnson-Murray

**Roof Details**

Total Roof Area = 1,707 sq ft  
Total Roof Facets = 10  
Predominant Pitch = 12/12  
Number of Stories > 1  
Total Ridges/Hips = 70 ft  
Total Valleys = 68 ft  
Total Rakes = 206 ft  
Total Eaves = 140 ft

**Report Contents**

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Notes Diagram .....7  
Report Summary .....8

Contact: Casey Siegert  
Company: Alside Supply  
Address: 8729 Ritchie Drive  
Capitol Heights MD 20743  
Phone: 301-641-0293

Measurements provided by [www.eagleview.com](http://www.eagleview.com)



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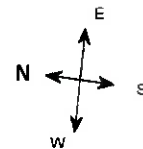
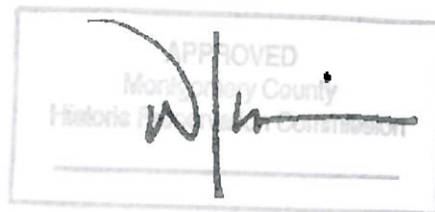
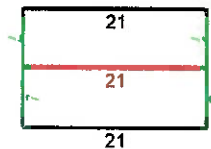
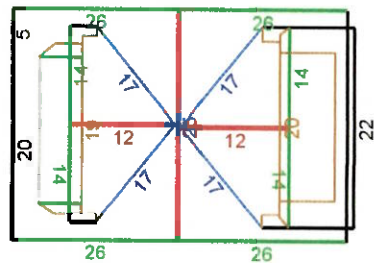
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### Length Diagram

Total Line Lengths:  
**Ridges = 70 ft**  
**Hips = 0 ft**

Valleys = 68 ft  
 Rakes = 206 ft  
 Eaves = 140 ft

Flashing = 79 ft  
 Step flashing = 29 ft  
 Parapets = 0 ft



**Note:** This diagram contains segment lengths (rounded to the nearest whole number) over 5 feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).



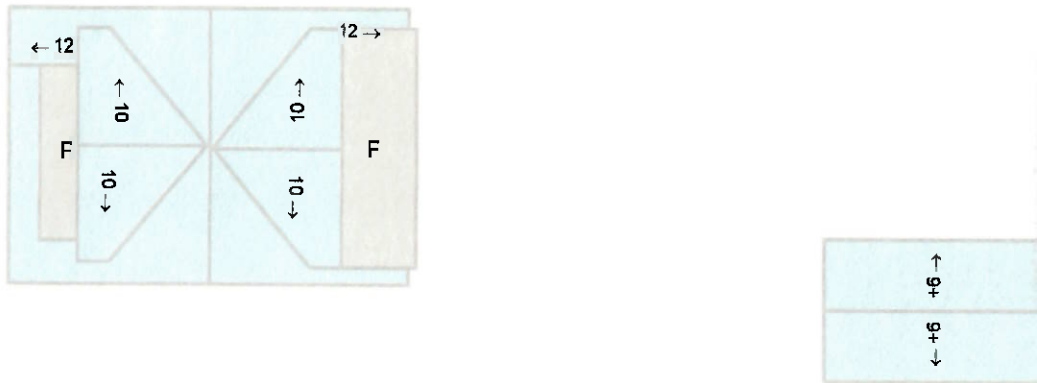
Report: 11890528

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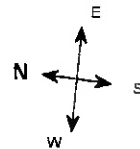


### Pitch Diagram

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 12/12.



*W/h*



**Note:** This diagram contains labeled pitches for facet areas larger than 20 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater. Gray shading indicates flat, 1/12 or 2/12 pitches. If present, a value of "F" indicates a flat facet (no pitch).

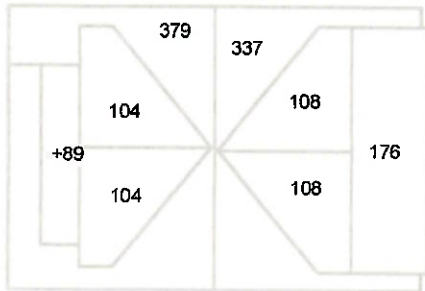


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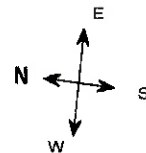
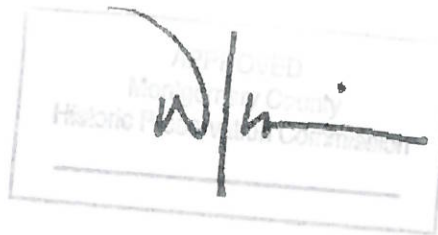
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### Area Diagram

Total Area = 1,707 sq ft, with 10 facets.



151
151



**Note:** This diagram shows the square feet of each roof facet (rounded to the nearest foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

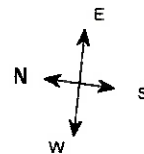
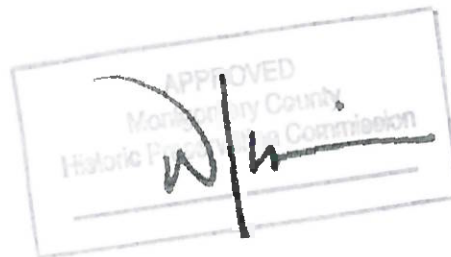
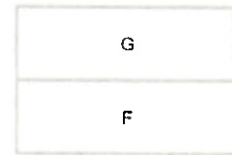
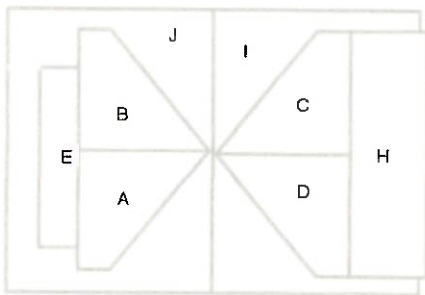


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### Notes Diagram

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



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### Report Summary

Below is a measurement summary using the values presented in this report.

#### Areas per Pitch

<b>Roof Pitches</b>	0/12	6/12	10/12	12/12
<b>Area (sq ft)</b>	265	301.8	424.2	716.4
<b>% of Roof</b>	15.5%	17.7%	24.9%	42%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

#### Waste Calculation Table

<b>Waste %</b>	<b>0%</b>	<b>10%</b>	<b>12%</b>	<b>15%</b>	<b>17%</b>	<b>20%</b>	<b>22%</b>
<b>Area (sq ft)</b>	1,707	1,878	1,912	1,963	1,997	2,048	2,083
<b>Squares</b>	17.1	18.8	19.1	19.6	20.0	20.5	20.8

This table shows the total roof area and squares (rounded up to the nearest decimal) based upon different waste percentages. The waste factor is subject to the complexity of the roof, individual roofing techniques and your experience. Please consider this when calculating appropriate waste percentages. Note that only roof area is included in these waste calculations. Additional materials needed for ridge, hip, valley, and starter lengths are not included.



Total Roof Facets = 10

#### Lengths, Areas and Pitches

- Ridges = 70 ft (4 Ridges)
- Hips = 0 ft (0 Hips)
- Valleys = 68 ft (4 Valleys)
- Rakes\* = 206 ft (14 Rakes)
- Eaves/Starter\*\* = 140 ft (13 Eaves)
- Drip Edge (Eaves + Rakes) = 346 ft (27 Lengths)
- Parapet Walls = 0 (0 Lengths)
- Flashing = 79 ft (16 Lengths)
- Step flashing = 29 ft (7 Lengths)
- Total Area = 1,707 sq ft
- Predominant Pitch = 12/12

#### Property Location

Longitude = -77.0090997  
Latitude = 38.9728336

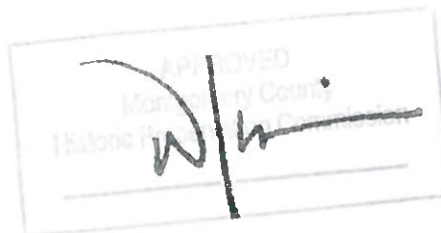
#### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

#### Measurements by Structure

Structure	Area (sq ft)	Ridges (ft)	Hips (ft)	Valleys (ft)	Rakes (ft)	Eaves (ft)	Flashing (ft)	Step Flashing (ft)	Parapets (ft)
1	1406	50	0	68	177	99	79	29	0
2	302	21	0	0	30	42	0	0	0

All values in this table are rounded up to the nearest foot for each separate structure. Measurement totals displayed elsewhere in this report are added together before rounding which may cause totals to differ.



\* Rakes are defined as roof edges that are sloped (not level).  
\*\* Eaves are defined as roof edges that are not sloped and level.



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