



City of Cambridge

DEPARTMENT OF PUBLIC WORKS

PLANNING & ZONING

1025 WASHINGTON STREET

CAMBRIDGE, MARYLAND 21613

410-228-1955

Historic Preservation Commission

Staff Report - Revised

February 17, 2021

I. BACKGROUND INFORMATION:

Applicant/Owner: Cameron Hurly Construction/Katherine Pfeifer
HPC Case No.: HPC 2021-039
Nature of Request: Replace Existing Aluminum Roof with Asphalt Shingles
Location of Property: 705 Locust Street
Total Acreage: 12,575 sq. ft.
Zoning: NC-3
Year Built: 1890

- II. **BACKGROUND:** This is an application to review the installation an asphalt shingles on a porch roof; replacing an aluminum roof.



III. DISCUSSION (National Register):

582. 705 Locust Street (D-449). Two story, two bay gable fronted frame house embellished segmentally arched window architraves and a Gothic Lancet-arched window in the gable. There is a one story wraparound porch. Ca. 1890. Contributing building. B.

SCOPE OF WORK:

- 1- Remove an Existing Aluminum Porch Roof and Replace it with Asphalt Shingles.



New shingles will match the existing shingles on the main portion of the house.



Timberline® HDZ™ Shingles

Benefits:

- LayerLock™ Technology** — Proprietary technology mechanically fuses the common bond between overlapping shingle layers.
- Up to 99.9% nailing accuracy** — The StrikeZone™ nailing area is so easy to hit that a roofer placed 999 out of 1,000 nails correctly in our test.¹
- WindProven™ Limited Wind Warranty** — When installed with the required combination of GAF Accessories, Timberline® HDZ™ Shingles are eligible for an industry first: a wind warranty with no maximum wind speed limitation.²
- Our legendary Dura Grip™ sealant** pairs with the smooth microgranule surface of the StrikeZone™ nailing area for fast tack. Then, an asphalt-to-asphalt monolithic bond cures for durability, strength, and exceptional wind uplift performance.
- StainGuard® Algae Protection** — Helps protect the beauty of your roof against unsightly blue-green algae discoloration.³
- High Performance** — Designed with Advanced Protection® Shingle Technology.
- Seamless compatibility** — The new Timberline® HDZ™ Shingles are compatible with traditional Timberline HD® Shingles for the same look and feel homeowners and contractors rely on for beauty and endurance.⁴
- Perfect Finishing Touch** — For the best look, use TimberTex® Premium Ridge Cap Shingles or TimberCrest™ Premium SBS-Modified Ridge Cap Shingles.

Colors & Availability:



Product details:

- Product/System Specifics**
- Fiberglass asphalt construction
 - Dimensions (approx.): 13 1/2" x 39 3/4" (337 x 1,000 mm)
 - Exposure: 5 1/4" (143 mm)
 - Bundles/Square: 3
 - Pieces/Square: 64
 - StainGuard® Algae Protection³
 - Hip/Ridge: TimberTex®, TimberCrest™, Seal-A-Ridge®, 2" Ridge: RidgeGloss®
 - Starter: Pro-Start®, QuickStart®, WeatherBlocker™

- Applicable Standards & Protocols:**
- UL Listed to ANSI/UL 790 Class A
 - State of Florida approved
 - Classified by UL in accordance with ICC-ES AC438
 - Meets ASTM D7158, Class H
 - Meets ASTM D3161, Class F
 - Meets ASTM D3018, Type 1
 - Meets ASTM D3462⁵
 - ICC-ES Evaluation Reports ESR-1475 and ESR-3267
 - Meets Texas Department of Insurance Requirements
 - ENERGY STAR® Certified (White Only) (U.S. Only); Rated by the CRRC. Can be used to comply with Title 24 cool roof requirements

¹ Results based on study conducted by Home Innovation Research Labs, an independent research lab, comparing installation of Timberline HD® Shingles to Timberline® HDZ™ Shingles on a 10-square roof deck using standard 4-nail nailing pattern under controlled laboratory conditions. Actual results may vary.

² 15-year WindProven™ limited wind warranty on Timberline® HDZ™ Shingles requires the use of GAF starter strips, roof deck protection, ridge cap shingles, and leak barrier or attic ventilation. See GAF Roofing System Limited Warranty for complete coverage and restrictions. Visit gaf.com/LDS for qualifying GAF products.

³ StainGuard® algae protection is available only on shingles sold in packages bearing the StainGuard® logo. Products with StainGuard® algae protection are covered by a 10-year limited warranty against blue-green algae discoloration. See GAF Shingle & Accessory Limited Warranty for complete coverage and restrictions.

⁴ To be mixed in one lot, Timberline® HDZ™ Shingles and Timberline HD® Shingles must have matching 6-digit codes found on the end of the bundle. When mixed, always use Timberline HD® installation instructions.

⁵ Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.

⁶ Lifetime refers to the length of warranty coverage provided and means as long as the original individual owner(s) of a single-family detached residence (or eligible second owner(s)) owns the property where the qualifying GAF products are installed. For other owners/structures, Lifetime coverage is not applicable. Lifetime coverage on shingles requires use of GAF Lifetime shingles only. See GAF Shingle & Accessory Limited Warranty for complete coverage and restrictions. Lifetime coverage on shingles and accessories requires use of any GAF Lifetime Shingle and any 3 qualifying GAF accessories. See GAF Roofing System Limited Warranty for complete coverage and restrictions. Visit gaf.com/LDS for qualifying GAF products.

Note: It is difficult to reproduce the color clarity and actual color blends of these products. Before selecting your color, please ask to see several full-size shingles.



We protect what matters most™



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IV- Staff Recommendation:

Staff defers to the HPC for comments and review.