

Certificate of Appropriateness (COA) Application

Roof Replacement & Soffit Repair — Exhibit Packet

Property Address:	223 W. 38th Street, Savannah, Georgia 31401
Historic District:	Historic Streetcar District
Owner:	Griselda Meza
Date Prepared:	June 23, 2026
Reviewing Body:	City of Savannah Historic Preservation Commission / Metropolitan Planning Commission (MPC)

Contents of This Packet

1. Proposed Materials Specification Packet — material types, profiles, and manufacturer specifications proposed for the roof replacement and soffit repair work (color selections omitted; to be submitted separately per Owner's preference and MPC requirements).
2. Exhibit A — Manufacturer Cut Sheet: GAF Timberline HDZ® Architectural Asphalt Shingles
3. Exhibit B — Manufacturer Cut Sheet: GAF Deck-Armor™ Premium Breathable Roof Deck Protection (synthetic underlayment)
4. Exhibit C — Manufacturer Cut Sheet: GAF WeatherWatch® Mineral-Surfaced Leak Barrier (ice & water shield)
5. Exhibit D — Manufacturer Cut Sheet: GAF Pro-Start® Eave/Rake Starter Strip Shingles
6. Exhibit E — Manufacturer Cut Sheet: GAF Cobra® Rigid Vent 3™ Exhaust Vent for Roof Ridge

Note: Generic flashing/drip-edge, and wood soffit/fascia replacement materials referenced in the Materials Specification Packet are matched to existing on-site materials and are not manufactured proprietary products; no separate manufacturer cut sheet applies to those items. Physical material samples referenced throughout this

packet should be coordinated directly with MPC staff (912-651-1440 / preservationquestions@thempc.org) regarding submission format.

Proposed Materials Specification Packet

For Certificate of Appropriateness (COA) Submission

223 W. 38th Street, Savannah, Georgia 31401 — Historic Streetcar District

This packet compiles manufacturer specifications and physical sample descriptions for all materials proposed for the roof replacement and soffit repair work at this property, for submission to the Metropolitan Planning Commission (MPC) / Savannah Historic Preservation Commission as part of the Certificate of Appropriateness (COA) application. Color selections are intentionally omitted from this packet and will be submitted separately or confirmed at the time of COA review, per the homeowner's request.

Note: MPC staff review (912-651-1440 / preservationquestions@thempc.org) should be contacted to confirm the current preferred format for physical material samples (e.g., mailed swatches, in-person drop-off, or photographs accepted in lieu of physical samples), as this can vary by submission type. The official manufacturer cut sheets referenced below should be printed and attached as exhibits to the COA application; links are provided for that purpose.

1. Roofing — Asphalt Shingles

Proposed Product: [GAF Timberline HDZ Laminated Architectural Asphalt Shingles](#)

Selected as a like-material replacement for the existing roof: a laminated/ dimensional asphalt shingle matching the architectural profile, shadow lines, and tab pattern typically approved for historic streetcar district residences (as opposed to flat 3-tab shingles).

Manufacturer	GAF (General Aluminum & Fiberglass / GAF Materials Corp.)
Product Line	Timberline HDZ®
Shingle Size	13 1/4" x 39 3/8" (337 mm x 1,000 mm)
Exposure	5 5/8" per course

Coverage	64 pieces / 3 bundles per square (100 sq. ft.)
Construction	Fiberglass mat, laminated (dimensional/architectural profile), LayerLock® Technology, Dura Grip™ sealant
Wind Rating	130 mph standard; WindProven™ (no max speed cap) with qualifying GAF accessory system
Fire Rating	UL Listed, Class A per ANSI/UL 790
Impact Rating	UL 2218 Class 3
Algae Resistance	StainGuard Plus™ — 25-year limited warranty against blue-green algae discoloration
Standards Compliance	ASTM D3462, D3018 (Type 1), D3161 (Class F), D7158 (Class H); Miami-Dade & FL approved; ICC-ES ESR-1475 / ESR-3267
Warranty	Limited Lifetime material warranty (original owner, single-family residential)

Manufacturer spec sheet: <https://www.gaf.com/en-us/document-library/documents/specifications/timberline-hdz-shingles-spec-sheet-resgn467hdz.pdf>

Physical sample description (no color specified): A single full-size or half-size cut shingle sample showing the laminated, multi-dimensional tab profile and shadow-line texture characteristic of the Timberline HDZ product line. Sample should be requested directly from the contractor's shingle supplier or GAF distributor as an uncolored/representative cut sample, with final color sample submitted separately once selected.

2. Roof Deck Protection — Synthetic Underlayment

Proposed Product: GAF Deck-Armor™ Premium Breathable Roof Deck Protection

Manufacturer	GAF
Composition	Two nonwoven polypropylene sheets laminated together with polymer coating
Weight	3.7 lb. per 100 sq. ft. (0.18 kg/m²)
Roll Size	48" wide x 250' long (10 squares / 1,000 sq. ft. per roll)
Breathability	16 perms (vs. 5–6 perms for asphalt felt)
UV Exposure Tolerance	Up to 180 days before shingle installation
Standards Compliance	ASTM D226 Type II, ASTM D4869 Type IV, ASTM D8257; ICC-ES AC188
Min. Slope	2:12 (16.67%) or greater

Manufacturer spec sheet: <https://www.gaf.com/en-us/document-library/>

[documents/data-sheets/deck-armor-premium-breathable-roof-deck-protection-sell-sheet-resul164.pdf](https://documents.gaf.com/data-sheets/deck-armor-premium-breathable-roof-deck-protection-sell-sheet-resul164.pdf)

Physical sample description: A cut swatch (approx. 8" x 8") of the blue-faced, non-woven synthetic underlayment sheet, showing surface texture and printed walkability grid lines. Not a color-finish item; no color selection applies.

3. Leak Barrier — Ice & Water Shield

Proposed Product: GAF WeatherWatch® Mineral-Surfaced Leak Barrier

To be installed at eaves, valleys, and other vulnerable transition points per code and manufacturer instructions.

Manufacturer	GAF
Composition	Fiberglass-reinforced, self-adhering mineral-surfaced asphalt membrane
Roll Size	36" wide x 50' long (150 sq. ft. / 1.5 square per roll)
UV Exposure Tolerance	Up to 60 days prior to shingle installation
Cold-Weather Protection	Effective at 25°F and below (ice-dam protection)
Warranty	25-year limited warranty (on non-Lifetime shingle roofs)

Manufacturer spec sheet: [https://documents.gaf.com/data-sheets/weatherwatch-sell-sheet-resul103-\(8-22\)-_data-sheet.pdf](https://documents.gaf.com/data-sheets/weatherwatch-sell-sheet-resul103-(8-22)-_data-sheet.pdf)

Physical sample description: A cut swatch (approx. 8" x 8") of the granule-surfaced, black self-adhered membrane, showing the mineral surface texture and release-film backing.

4. Starter Strip

Proposed Product: GAF Pro-Start® Eave/Rake Starter Strip Shingles

Manufacturer	GAF
Function	Factory-applied adhesive starter course at eaves and rakes
Coverage	120 linear ft. per bundle (typical packaging)
Installation	Perforated, pre-cut; nailed 1 1/2"–3" from rake edge

Manufacturer spec sheet: <https://www.gaf.com/en-us/document-library/>

[documents/data-sheets/pro-start-starter-strip-shingles-sell-sheet-resgn546.pdf](https://www.gaf.com/en-us/document-library/documents/data-sheets/pro-start-starter-strip-shingles-sell-sheet-resgn546.pdf)

5. Ridge Ventilation

Proposed Product: GAF Cobra® Rigid Vent 3™ Exhaust Vent for Roof Ridge

Manufacturer	GAF
Net Free Ventilation Area	18 sq. in. per linear foot
Material	Rigid polypropylene, shingle-over ridge vent
Sizing	Hand-tearable in 3" increments; sized for 10" or 12" ridge cap shingles
System Requirement	Balanced with soffit/eave intake ventilation (1 sq. ft. net free area per 300 sq. ft. attic floor, per GAF guidance)

Manufacturer spec sheet: https://www.gaf.com/en-us/document-library/documents/data-sheets/cobra-rigid-vent-3-exhaust-vent-for-roof-ridge-rescb173_data-sheet.pdf

Physical sample description: A short cut section (approx. 6"–8") of the rigid, slotted plastic ridge vent strip, shown beneath a matching ridge cap shingle to illustrate the finished, low-profile appearance from the street (ridge vents are not visible once shingled over).

6. Flashing & Drip Edge

Proposed Product: Pre-Finished Aluminum Drip Edge / Flashing (generic, code-compliant)

Material	Aluminum, minimum 0.019" thick (26-gauge equivalent)
Profile	Standard "F-style" drip edge: approx. 4" roof-deck leg, 1.5" hemmed fascia leg, ~75° bend to fit roof pitch
Code Requirement	Extends min. 1/4" beyond fascia/sheathing edge; sections overlap min. 2"; installed under underlayment at eaves, over underlayment at rakes (IRC R905.2.8.5)
Finish	Mill or factory pre-finished aluminum (no color selection at this stage)

Physical sample description: A short cut length (approx. 6"–12") of aluminum drip-edge flashing in the proposed profile, unfinished/mill aluminum, to demonstrate gauge and bend profile rather than color.

7. Soffit Material

Proposed Product: Wood Tongue-and-Groove (T&G) Beadboard Soffit — to Match Existing

Replacement soffit material in damaged areas only, matched to the existing wood T&G/beadboard profile, species, and board width found elsewhere on the structure.

Material	Solid wood, tongue-and-groove beadboard profile
Species (typical match options)	Eastern White Pine, Southern Yellow Pine, or Western Red Cedar (species to be field-verified against existing material and matched)
Board Width	Nominal 1x6 (actual ~5 3/8") T&G, or matched to existing board width if different (commonly 1x4 or 1x6 in Savannah historic construction)
Profile	Center-bead or edge-and-center-bead T&G pattern matching existing soffit boards
Thickness	Nominal 1" (actual ~5/8"—3/4")
Finish	Primed for paint; field-painted to match existing color scheme (no color selected in this packet)

Physical sample description: A short cut length (approx. 12") of primed (unpainted) wood T&G beadboard in the matched profile and width, to demonstrate species, board dimension, and bead pattern alongside the existing soffit for visual comparison.

Proposed Product: Wood Fascia Board (where replacement is required)

Material	Solid wood (species to match existing fascia, typically pine or cypress)
Dimension	Matched to existing fascia board width/thickness (commonly nominal 1x6 or 1x8)
Finish	Primed for paint; field-painted to match existing trim color (no color selected in this packet)

Physical sample description: A short cut length (approx. 12") of primed wood fascia stock matching the existing board dimension.

8. Summary Table — Proposed Product System

Component	Manufacturer / Product	Sample Provided
Roof shingles	GAF Timberline HDZ (architectural)	Cut shingle sample, uncolored/representative
Underlayment	GAF Deck-Armor™ synthetic	8"x8" swatch
Ice & water shield	GAF WeatherWatch®	8"x8" swatch

Starter strip	GAF Pro-Start®	Short cut section
Ridge vent	GAF Cobra® Rigid Vent 3™	6–8" cut section
Drip edge/flashing	Aluminum, 26-ga. equiv.	6–12" cut section, mill finish
Soffit	Wood T&G beadboard (match existing)	12" cut length, primed
Fascia	Wood, dimension to match existing	12" cut length, primed

9. Notes for COA Submission

- All shingle, underlayment, and flashing products are part of a single manufacturer (GAF) installation system, which supports system-wide warranty coverage.
- The asphalt shingle proposed is a laminated/architectural (dimensional) profile rather than flat 3-tab, which is generally viewed favorably for replicating the visual depth of historic roofing in Savannah's historic district reviews — confirm current MPC preference with staff.
- Soffit and fascia replacement is limited to damaged sections only; material species, board width, and profile are matched to existing undamaged sections on the structure.
- No paint or shingle color has been selected; this packet addresses material type, profile, and manufacturer specification only. A separate color submission will follow per the Owner's preference and any MPC requirements.
- Confirm with MPC staff (912-651-1440 / preservationquestions@thempc.org) whether physical material samples must be mailed/dropped off in person, or whether high-resolution photographs of samples (as referenced above) are acceptable for staff review.

EXHIBIT A

GAF Timberline HDZ® Architectural Asphalt Shingles

Laminated/dimensional architectural asphalt shingle proposed as the like-material
replacement
for the existing roof covering.

Manufacturer cut sheet follows on the next page(s).

GAF Timberline **HDZ**[®]
High Definition® Lifetime Shingles



Engineered to be first. Built to last.

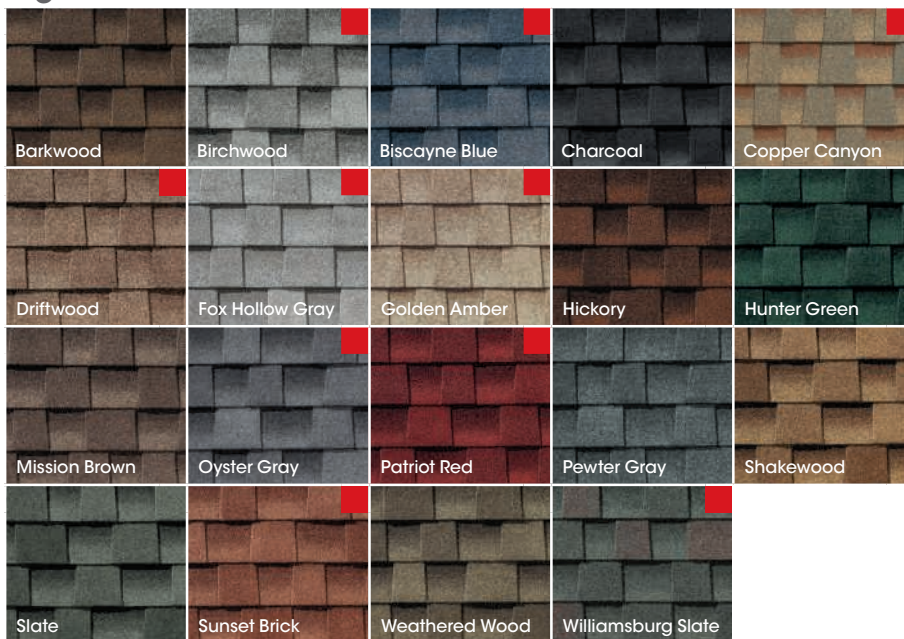
Our #1-selling shingle represents
a legacy of relentless innovation —
delivering the peak performance and
dependability customers trust most.



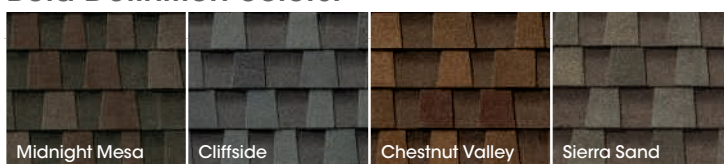
Benefits:

- **Industry-leading innovation:** Layerlock® Technology powers StrikeZone®, the industry's largest nailing zone. Paired with our legendary Dura Grip™ sealant, these features ensure that the shingles stay in place, even under high wind conditions.
- **The industry's strongest wind warranty:** Timberline HDZ® Shingles are eligible for the WindProven™ Limited Wind Warranty,¹ the industry's first wind warranty with no maximum wind speed limitation, when installed with the required combination of GAF accessories
- **GAF-exclusive algae-fighting technology:** 25-Year StainGuard Plus™ Algae Protection Limited Warranty² powered by proprietary time-release algae-fighting technology
- **Peace of mind:** Timberline HDZ® Shingles come with Lifetime® coverage against manufacturing defects
- **Impact rating:** Timberline HDZ® passes the UL 2218 Impact-Resistance Test with a Class 3 rating and may be eligible for insurance discounts³
- **For the best look:** Use TimberTex® Premium Ridge Cap Shingles or TimberCrest® Premium SBS-Modified Ridge Cap Shingles

High Definition® colors:



Bold Definition colors:



Product details:

Product/System Specifics

- Fiberglass asphalt construction
- **Dimensions (approx.):** 13 1/4" x 39 3/8" (337 mm x 1,000 mm)
- **Exposure:** 5 5/8" (143 mm)
- **Bundles/Square:** 3
- **Pieces/Square:** 64
- **Hip/Ridge:** TimberTex®; TimberCrest®
- **Starter:** Pro-Start®, QuickStart®, WeatherBlocker™

Applicable Standards & Protocols

- Passes UL 2218 Impact-Resistance Test with Class 3 rating
- 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 D3462⁴
- Miami-Dade County Product Control Approved
- ICC-ES Evaluation Reports ESR-1475 and ESR-3267
- Meets Texas Department of Insurance Requirements
- Rated by the CRRC; Can be used to comply with Title 24 Cool Roof Requirements (some colors)

¹ 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 the use of GAF Lifetime shingles only. See the *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products. Lifetime coverage on shingles and accessories requires the use of any GAF Lifetime shingle and at least 3 qualifying GAF accessories. See the *GAF Roofing System Limited Warranty* for complete coverage and restrictions. For installations not eligible for the *GAF Roofing System Limited Warranty*, see the *GAF Shingle & Accessory Limited Warranty*. Visit gaf.com/LRS for qualifying GAF products.

¹ 15-year WindProven™ Limited Wind Warranty covers GAF shingles with LayerLock® Technology only and 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/LRS for qualifying GAF products. For installations not eligible for the WindProven™ Limited Wind Warranty, see *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

² 25-year StainGuard Plus™ Algae Protection Limited Warranty against blue-green algae discoloration is available only on products sold in packages bearing the StainGuard Plus™ logo. See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

³ Only products sold in packages bearing the UL2218 Class 3 PRI Validation Program statement are rated for Class 3 impact resistance. Testing performed under controlled laboratory conditions by Certerra Analytical - PRI. GAF makes no express or implied warranty about the impact performance of these products against hail. Hail damage is not covered under the limited warranty. See *GAF Shingle and Accessory Limited Warranty* available at gaf.com/warranties for complete coverage and restrictions.

⁴ Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.

⁵ Eligibility criteria, terms, and restrictions apply. Visit fortifiedhome.org for details. U.S. only.

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.



Regional availability



EXHIBIT B

GAF Deck-Armor™ Premium Breathable Roof Deck Protection

Synthetic roof deck underlayment proposed beneath the new shingle system.

Manufacturer cut sheet follows on the next page(s).

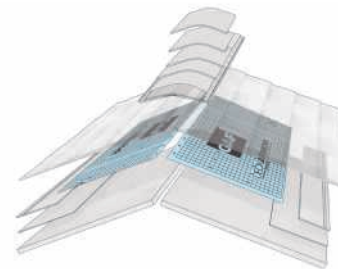
Deck-Armor™ Premium Breathable Roof Deck Protection

Help protect the home and roof system from damaging moisture with breathable roof deck protection



- Helps reduce inside moisture that can become trapped in the roofing system, which can cause mold, mildew, and expensive structural damage
- Provides a critical layer of extra protection between the shingles and roof deck to resist wind-driven rain (or moisture from other sources) that can cause damage to the roof structure
- Avoids wrinkling and buckling for a better-looking finished roof

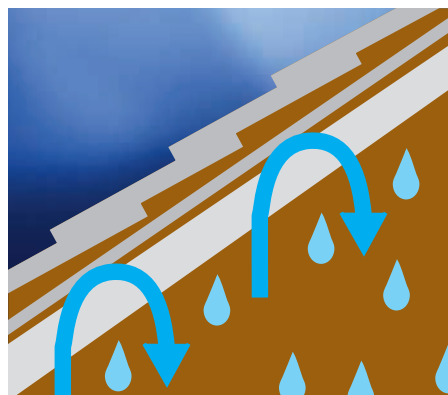
Deck-Armor™ Premium Breathable Roof Deck Protection



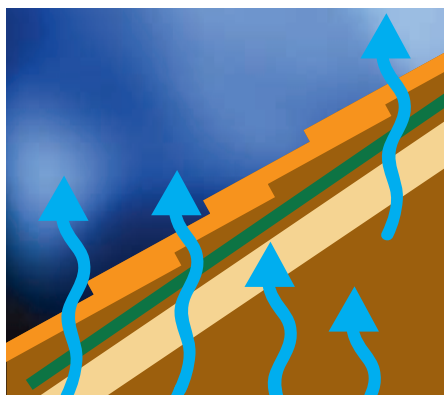
Benefits:

- **Breathable technology helps reduce common inside moisture** (from cooking, bathing, cleaning, etc.) that can become trapped within your roofing system, causing rot or other costly damage
- **Premium non-asphaltic, polypropylene construction** provides long-lasting protection
- **Specially designed surface provides enhanced walkability** versus conventional felts
- **At least 600% greater tear strength¹** and 214% higher nail-pull strength² than conventional #30 asphalt felt
- **48"-wide (1.22 m) roll provides 33% more coverage per course** than conventional 36"-wide (914 mm) asphalt felts
- **Light-blue surface is cooler to work on** in hot weather than conventional black felts
- **Eligible for up to a Lifetime[†] Limited Warranty** when installed with GAF Lifetime[†] shingles and at least two additional qualifying GAF accessories, and it's also eligible for residential enhanced warranty coverage⁶

GAF recommends the use of roof deck protection that helps reduce excess moisture that can be trapped under the roof's shingles.



Typical synthetics
"Non-breathable" synthetic underlayments can trap harmful moisture.



Deck-Armor™
Allows excess moisture in the roof system to escape.

Product details:

Nominal Specifications:

For use with asphaltic shingles and may also be used with slate, wood, metal, or tile³

- **Roll size:** 10 squares (1,000 sq. ft. [92.9 m²]) (excludes laps)
- **Roll width:** 48" (1.22 m)
- **Roll length:** 250' (76.2 m)
- **Approx. roll weight:** 43 lb. (19.5 kg)
- **UV exposure:** UV-stabilized polypropylene construction resists UV degradation for up to 180 days⁴

Code Approvals and Standards:

- Meets or exceeds ASTM D8257
- Meets or exceeds the physical requirements of ASTM D226 Type II and D4869 Type IV
- Meets or exceeds ICC Acceptance Criteria AC188
- ICC-ES Evaluation Report (ESR-2808)
- Miami-Dade County Product Control approved
- State of Florida approved
- Component of a UL Listed ANSI/UL 790 Class A system when used with UL Class A shingles⁵
- Listed with Texas Department of Insurance as an acceptable alternate roof underlayment
- Meets certain FORTIFIED Roof™ requirements. Visit gaf.com/Fortified and current FORTIFIED Home™ Standard available at fortifiedhome.org for details. U.S. only.

Deck-Armor™ Roof Deck Protection "out-breathes" typical underlayments

Deck-Armor™	16 Perms*
#15 asphalt felt	6 Perms*
#30 asphalt felt	5 Perms*
Typical synthetic underlayments	.05 Perms* (virtually non-breathable)

* Nominal MVTR perms value as measured by GAF on Mocon unit @ 82°F (28°C) and 50% R.H.

[†] 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 the use of GAF Lifetime shingles only. See the *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products. Lifetime coverage on shingles and accessories requires the use of any GAF Lifetime shingle and at least 3 qualifying GAF accessories. See the *GAF Roofing System Limited Warranty* for complete coverage and restrictions. For installations not eligible for the *GAF Roofing System Limited Warranty*, see the *GAF Shingle & Accessory Limited Warranty*. Visit gaf.com/LRS for qualifying GAF products.

¹ GAF trapezoidal tear strength testing per ASTM D4533.

² GAF nail pull-through testing per ASTM D3462.

³ Contact GAF Technical Support at 877-GAF-ROOF for acceptable non-asphaltic roofing systems and limited warranty coverage.

⁴ 180-day UV resistance refers to standardized testing conducted to ensure the product will not physically degrade when exposed to UV. It is **NOT** related to withstanding water, snow, or wind. While Deck-Armor™ Premium Breathable Roof Deck Protection is water resistant, it is **NOT WATERPROOF. DO NOT USE** Deck-Armor™ Premium Breathable Roof Deck Protection as a temporary roof to protect property or possessions.

⁵ Refer to UL Online Certification Directory for actual assemblies.

⁶ See *System Plus*, *Silver Pledge™* or *Golden Pledge® Limited Warranty* for complete coverage and restrictions.

Note: Always use plastic cap nails or staples with plastic caps to install Deck-Armor™ Premium Breathable Roof Deck Protection. Do **NOT** use nails or staples without caps.



To learn more about the Lifetime[†] Roofing System visit gaf.com/Lifetime



We protect what matters most™

EXHIBIT C

GAF WeatherWatch® Mineral-Surfaced Leak Barrier

Self-adhered ice-and-water shield proposed at eaves, valleys, and other vulnerable transition points.

Manufacturer cut sheet follows on the next page(s).

223 W. 38th Street, Savannah, Georgia 31401 — Historic Streetcar District

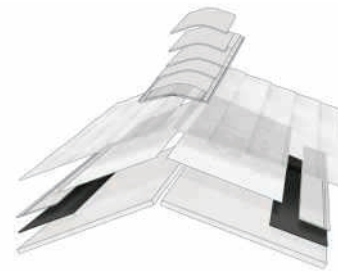
WeatherWatch[®] Mineral-Surfaced Leak Barrier

Helps protect the home and roof system from
wind-driven rain and damaging ice dams



- Helps prevent leaks at potentially vulnerable areas of the asphalt shingle roofing system
- Reduces the risk of costly repairs due to wall or ceiling staining from leaks
- Meets most local building codes that require the use of leak barriers¹

WeatherWatch® Mineral-Surfaced Leak Barrier



Benefits:

- **Excellent protection** at the eaves and rakes, in valleys, and around chimneys and skylights, which guards against leaks caused by wind-driven rain, ice dams, backed-up gutters, and roof settling
- **Self-seals** around fasteners to help avoid leaks
- **Durable** fiberglass-reinforced construction
- **Traditional mineral surfacing** for use with asphalt shingle roof systems
- **Split-back release film** peels off in layers for fast installation
- **Eligible for up to a Lifetime[†] Limited Warranty** when installed with GAF Lifetime[†] shingles and at least two additional qualifying GAF accessories, and it's also eligible for residential enhanced warranty coverage³

Helps address building codes in northern regions requiring the use of self-adhering leak barriers:¹

- For building codes in regions where ice dams can form at the eaves, particularly where the January average temperature is 25°F (-4°C) or lower (see map areas labeled "North")
- Protects in any region where ice dams can occur, even where the average temperature is above 25°F (-4°C)
- Provides critical protection in warmer southern areas against wind-driven rain

Meets or exceeds the following requirements of ASTM D1970:

Property	Method	Requirement
Thickness (mils)	D5147	Min. 40
Tensile strength MD (lbf/in.)	D2523	Min. 25
Tensile strength CMD (lbf/in.)	D2523	Min. 25
Elongation at break, modified bitumen portion — MD and CMD (%)	D2523	Min. 10
Adhesion to plywood at 75°F (24°C) (lbf/ft.-width)	D903	Min. 12
Adhesion to plywood at 40°F (4°C) (lbf/ft.-width)	D903	Min. 2
Thermal stability (mm)	D1204	Max. 3
Low-temperature flexibility -20°F (-29°C)	D1970	Pass
Tear resistance MD (lbf)	D4073	Min. 20
Tear resistance CMD (lbf)	D4073	Min. 20
Moisture vapor permeance (U.S. perms)	E96 A	Max. 0.1
Sealability around nail	D1970	Pass
Waterproof integrity after low-temperature flexibility	D1970	Pass
Waterproof integrity of lap seam	D1970	Pass

Product Details:

Nominal Specifications:

For use with asphalt shingles.

- **UV exposure:** Up to 60 days, if necessary
- **Shelf life:** Best if used within 1 year from date of manufacture

1.5 square roll:

- 150 ft.² (13.94 sq. m) per roll (excludes laps)
- **Roll width:** 36" (.914 m)
- **Roll length:** 50' (15.24 m)

2.0 square roll:

- 200 ft.² (18.58 sq. m) per roll (excludes laps)
- **Roll width:** 36" (.914 m)
- **Roll length:** 66.7' (20.33 m)

Code Approvals:

- Meets or exceeds ASTM D1970
- Miami-Dade County Product Control Approved
- State of Florida Approved
- Component of a UL Listed ANSI/UL 790 Class A system when used with UL Class A shingles²
- ICC-ES Evaluation Report (ESR-1322)
- Listed with Texas Department of Insurance as an acceptable alternate roof underlayment
- Meets certain FORTIFIED Roof[™] requirements. Visit gaf.com/Fortified and current FORTIFIED Home[™] Standard available at fortifiedhome.org for details. U.S. only.

¹ 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 the use of GAF Lifetime shingles only. See the *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products. Lifetime coverage on shingles and accessories requires the use of any GAF Lifetime shingle and at least 3 qualifying GAF accessories. See the *GAF Roofing System Limited Warranty* for complete coverage and restrictions. For installations not eligible for the *GAF Roofing System Limited Warranty*, see the *GAF Shingle & Accessory Limited Warranty*. Visit gaf.com/LRS for qualifying GAF products.

² Source: International Building Code (IBC) and International Residential Code (IRC). Always check local building codes for requirements in your area.

³ Refer to UL Online Certification Directory for actual assemblies.

³ See *GAF System Plus*, *Silver Pledge*[™], and *Golden Pledge*[®] *Limited Warranty* for complete coverage and restrictions.



To learn more about the Lifetime[†] Roofing System visit gaf.com/Lifetime



We protect what matters most[™]

EXHIBIT D

GAF Pro-Start® Eave/Rake Starter Strip Shingles

Factory-applied adhesive starter course proposed at all eaves and rakes.

Manufacturer cut sheet follows on the next page(s).

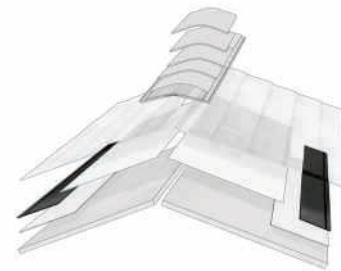
Pro-Start® Starter Strip Shingles

Save time, eliminate waste, and help prevent shingle blow-off with this cost-effective alternative to field-cutting strip shingles for your starter course



- Offer straighter roof edges with starter strips that perform as great as they look
- Made with a high-quality, factory-applied adhesive that will tightly lock your shingles in place
- Easy to use and install, with no cutting of starter strips on the roof

Pro-Start® Starter Strip Shingles



Benefits:

- **Properly positioned Dura Grip™ Adhesive** helps to lock down the shingles at the eaves and rakes to reduce the risk of shingle blow-off
- **Pre-perforated design** is easy to use and install, with no cutting on the roof
- **No more wasted time or material** cutting your own starter strips
- **At least 50% more coverage** per bundle vs. typical 3-tab strip shingles
- **GAF offers increased wind coverage** on many GAF shingles when you use GAF starter strips³
- **Eligible for a Lifetime[†] Limited Warranty** when installed on Lifetime[†] shingle roofs as well as an eligible accessory product in the Starter Strip category of GAF residential enhanced warranties

Installation:



Tears in half easily along perforation for easy installation



Installs at the eaves and rakes to help prevent shingle blow-off

Product details:

For use with most standard English and metric-sized asphalt shingles

- Full sheet: 13 1/4" x 38" (330 mm x 965 mm)
- Half sheet: 6.5" x 38" (165 mm x 965 mm)

Packaging

- **Bundle count:** 19 full sheets (38 individual pieces)

Coverage

- Approx. 120.33 lineal feet (36.69 lm) (when split in half)

Code Approvals:

- State of Florida approved
- Miami-Dade County Product Control approved
- ICC-ES ESR-1475
- Meets ASTM D3462¹, D3018
- ASTM D3161 Class F
- UL Listed to ANSI/UL 790 Class A²
- Meets certain FORTIFIED Roof™ requirements. Visit gaf.com/Fortified and current FORTIFIED Home™ Standard available at fortifiedhome.org for details. U.S. only.

[†] 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 the use of GAF Lifetime shingles only. See the *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products. Lifetime coverage on shingles and accessories requires the use of any GAF Lifetime Shingle and at least 3 qualifying GAF accessories. See the *GAF Roofing System Limited Warranty* for complete coverage and restrictions. For installations not eligible for the *GAF Roofing System Limited Warranty*, see the *GAF Shingle & Accessory Limited Warranty*. Visit gaf.com/LRS for qualifying GAF products.

¹ Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.

² Refer to UL Online Certification Directory for actual assemblies.

³ See *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions.

⁴ When embedded in 8" flashing cement.



To learn more about the Lifetime[†] Roofing System, visit gaf.com/Lifetime



We protect what matters most™



EXHIBIT E

GAF Cobra® Rigid Vent 3™ Exhaust Vent for Roof Ridge

Shingle-over rigid ridge exhaust vent proposed to maintain balanced attic ventilation; not visible from the street once shingled over.

Manufacturer cut sheet follows on the next page(s).

Cobra® Rigid Vent 3™ Exhaust Vent for Roof Ridge

Remove excess heat and moisture from the attic and protect the roof system from premature deterioration



- Help reduce damaging heat and moisture in the attic
- Avoid premature roof system deterioration
- Limit the growth of harmful mold and mildew

Cobra® Rigid Vent 3™ Exhaust Vent for Roof Ridge



Benefits:

- Allows heat and moisture to escape at the most effective location — the ridge
- **Shingle-over design** blends into the ridge line
- **Engineered for durability** with UV-resistant polymers
- **External baffles** with crush-resistant internal structure
- Includes **3" corrosion-resistant ring shank nails on each vent** for proper fastening of the vent and cap shingles
- **Unique EasyTear® sizing feature** allows you to hand-tear the vent in 3" increments — less cutting and waste
- **Passes the 110 mph wind-driven rain test** per TAS 100(A)¹
- **Eligible for up to a Lifetime† Limited Warranty** when installed with GAF Lifetime® shingles and at least two additional qualifying GAF accessories, and it's also eligible for residential enhanced warranty coverage³



Balanced Ventilation:

Balanced attic ventilation means there's an equal amount of air entering it as there is exiting it. The amount of exhaust ventilation must **never** exceed the amount of intake ventilation at the soffits or eaves. GAF recommends a minimum of 1 sq. ft. of net free ventilation for every 300 sq. ft. of attic floor space. Always consult local building codes for specific ventilation requirements.

How much do I need?

Calculate the total square footage of your attic floor space and then review the chart below for how much Cobra® Rigid Vent 3™ Premium Exhaust Vent for Roof Ridge is needed:

Total attic sq. footage	Recommended length of Cobra® Rigid Vent 3™ Exhaust Vent (ft.)	Minimum intake ventilation (net free area in sq. in.)
1,600	22	396
1,900	26	468
2,200	30	540
2,500	34	612
2,800	38	684
3,100	42	756
3,400	46	828

Note: Chart above based on 1/300 rule. Always have a balanced attic ventilation system. In no case should the amount of exhaust ventilation at or near the ridge exceed the amount of intake ventilation at or near the soffit. Visit gaf.com/ventcalculator for more details.



To learn more about the Lifetime† Roofing System, visit gaf.com/Lifetime



Product details:

Non-filtered — for use in warmer climates

- 11.5" width — for 12"-width ridge cap shingles
- 9" width — for 10"-width ridge cap shingles
- 18 sq. inches per linear foot of net free ventilating area
- Hand-nail installation with included 3" corrosion-resistant ring shank nails
- For roof pitches 3:12 to 16:12

Code approvals:

- Miami-Dade County Product Control Approved
- State of Florida Approved
- UL ERI5072-01
- Texas Department of Insurance Product Evaluation RV-29
- UL Listed to ANSI/UL 790 Class C²
- Meets certain FORTIFIED Roof™ requirements. Visit gaf.com/Fortified and current FORTIFIED Home™ Standard available at fortifiedhome.org for details. U.S. only.



1. Warm, moist air escapes attic through Cobra® Rigid Vent 3™ Exhaust Vent for Roof Ridge (installed under ridge cap shingles)
2. Fresh air enters attic through intake vent at or near the soffit

[†] 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 the use of GAF Lifetime shingles only. See the *GAF Shingle & Accessory Limited Warranty* for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products. Lifetime coverage on shingles and accessories requires the use of any GAF Lifetime shingle and at least 3 qualifying GAF accessories. See the *GAF Roofing System Limited Warranty* for complete coverage and restrictions. For installations not eligible for the *GAF Roofing System Limited Warranty*, see the *GAF Shingle & Accessory Limited Warranty*. Visit gaf.com/LRS for qualifying GAF products.

¹ Under controlled laboratory testing.

² Refer to UL Online Certification Directory for actual assemblies.

³ See *System Plus*, *Silver Pledge™*, or *Golden Pledge Limited® Warranty* for complete coverage and restrictions.

We protect what matters most™



Scope of Work

Roof Replacement & Soffit Repair

Property Address:	223 W. 38th Street, Savannah, Georgia 31401 (Historic Streetcar District)
Owner:	Griselda Meza
Contractor:	Gricelda Meza
Date Prepared:	June 23, 2026
Total Contract Price:	\$10,000.00

1. Project Overview

This Scope of Work (“SOW”) describes the work to be performed by the Contractor at the property located at 223 W. 38th Street, Savannah, Georgia 31401, situated within the City of Savannah’s Historic Streetcar District. The work consists of a full replacement of the existing roof system using like materials and architectural/3-tab asphalt shingles, along with repair of soffit areas exhibiting visible damage or deterioration. All work shall be performed in a professional, workmanlike manner and shall comply with applicable building codes and historic district guidelines.

2. Scope of Work

2.1 Roof Replacement

- Remove and dispose of all existing roofing materials down to the roof deck, including old shingles, underlayment, and flashing, in all areas of the roof.
- Inspect exposed roof deck/sheathing for rot or damage; repair or replace deteriorated decking as needed (additional cost if required beyond normal wear, to be discussed with Owner before proceeding).
- Install new synthetic or felt underlayment per manufacturer specifications and local code requirements.
- Install new ice-and-water shield at eaves, valleys, and other vulnerable areas as required by code.
- Install new asphalt shingles matching the style, profile, and color of the existing roof (“like materials”) to maintain the historic character of the structure, subject to manufacturer availability and Owner approval of selected shingle color/style.
- Install new flashing at all roof penetrations, chimneys, valleys, walls, and other transition points.
- Install new ridge vents and/or replace existing roof ventilation components as needed to maintain proper attic ventilation.
- Install new drip edge and gutter apron along all eaves and rakes.
- Re-flash and seal around all existing vent pipes, exhaust stacks, and roof-mounted fixtures.
- Clean up and haul away all debris and dispose of old roofing materials in accordance with local regulations.

2.2 Soffit Repair

- Inspect all soffit areas and identify sections showing visible damage, rot, water intrusion, or deterioration.

- Remove and replace damaged soffit material in identified areas only; undamaged soffit sections will remain in place.
- Match replacement soffit material to existing material, style, and profile as closely as possible to preserve the historic appearance of the property.
- Repair or replace associated fascia board sections found to be damaged during soffit repair, where necessary to properly secure new soffit material.
- Ensure proper ventilation is maintained or restored in repaired soffit areas.
- Prime and paint new/replacement soffit and fascia materials to match existing color scheme.

3. Historic District Compliance

Because the property is located within the City of Savannah Historic Streetcar District, all work will be performed using like materials consistent with the existing roof and soffit appearance, in keeping with applicable historic preservation guidelines. The Owner is responsible for confirming whether a Certificate of Appropriateness (COA) or other historic district approval is required prior to commencement of work, and for obtaining any such approval from the City of Savannah Historic Preservation Commission/Metropolitan Planning Commission. The Contractor will reasonably cooperate with documentation requests related to materials and methods to support the Owner's permitting process.

4. Materials

- Asphalt shingles: style and color to match existing roof (like materials), selected from Contractor/manufacturer's standard offerings.
- Underlayment: synthetic or felt underlayment per code.
- Ice-and-water shield at eaves and valleys.
- Flashing: new metal flashing at all penetrations and transitions.
- Soffit and fascia: material to match existing (wood or vinyl, as applicable) in areas requiring repair.
- Fasteners, sealants, and ventilation components as required for proper installation.

5. Exclusions (Not Included in This Scope)

- Structural repairs to roof framing or trusses beyond normal deck repair.
- Gutter and downspout replacement (unless separately contracted).
- Interior repairs resulting from prior leaks (drywall, insulation, paint, etc.).
- Chimney rebuilding, masonry repair, or skylight replacement.
- Removal of satellite dishes, solar panels, or other roof-mounted equipment not related to the roofing work.
- Historic district permit/COA application fees, if any, unless otherwise agreed in writing.

6. Contract Price & Payment Terms

Total Contract Price: \$10,000.00, covering all labor, materials, equipment, and disposal described in this Scope of Work.

- Deposit of 30% (\$3,000.00) due upon signing of this agreement, prior to material order/delivery.

- Progress payment of 40% (\$4,000.00) due upon delivery of materials and commencement of tear-off.
- Final payment of 30% (\$3,000.00) due upon satisfactory completion of all work and final walkthrough with the Owner.

Any changes to the scope of work, including unforeseen deck repairs, structural issues, or additional soffit/fascia damage discovered once work begins, will be communicated to the Owner and documented in a written change order with associated cost before proceeding.

7. Timeline

Work is estimated to be completed within [12] business days from the start date, weather permitting. An estimated start date will be confirmed once materials are ordered and, if applicable, historic district approval has been obtained.

8. Warranty

- Contractor warrants workmanship for a period of [1–2 years] from the date of completion.
- Asphalt shingles and other materials are covered by the applicable manufacturer's warranty, details of which will be provided to the Owner upon completion.

9. Acceptance

By signing below, the Owner and Contractor agree to the scope of work, price, and terms described in this document.

Owner Signature: _____ 

Print Name: Gricelda Meza Date: 06/22/2026

Contractor Signature: _____ 

Print Name: Gricelda Meza Date: 06/22/2026