

Staff Report

Knoxville Historic Zoning Commission

File Number: 3-D-25-HZ

Meeting:	3/20/2025
Applicant:	Nick DiRoberto, Smoky Mountain Deck Builders LLC
Owner:	Marshall Jensen

Property Information

Location:412 E. Scott Ave.Parcel ID81 L Q 012District:Old North Knoxville HZoning:RN-2 (Single-Family Residential Neighborhood)Description:Queen Anne Cottage, c.1907

One story frame Queen Anne with brick patterned asphalt roll wall covering. Hip roof with lower cross gable, asphalt shingle covering and diamond shaped attic vent. Double hung one over one windows. One story threequarters front porch with replacement aluminum columns and balustrade and engaged round wood pilasters with Doric capitals. Interior offset brick chimney. Brick foundation. Irregular plan. Leaded, beveled glass sidelights and transom at front entrance. Altered siding and replacement window. Late hipped frame addition on rear from enclosure of original porch.

Description of Work

Level II Construction of Addition or Outbuilding

Removal of existing one-story wooden deck, stairs, and railing at the rear of the property, which were built in 2018.

Installation of new 22' wide by 15' deep, 4/12 pitch, shed roof clad in fiberglass asphalt architectural shingles, approximately 9' above the deck. Installation of fascia on new roof.

Installation of new one-story deck, stairs, and railing in its place, supported by concrete footings and 6x6 pressure treated wood posts. The new deck will be 22' wide by 15' deep, approximately 6' deeper than the existing, and will be made from decorative wood composite decking with a herringbone pattern. The stairs will be made from wood composite decking. The stairs and the deck will feature a cedar railing with 4" aluminum balusters around the perimeter. The deck will be screened, and the 4x4 supporting posts and 2x4 frame for the screen will be made from cedar. A sliding screen door will be installed on the right elevation of the deck.

Applicable Design Guidelines

Old North Knoxville Design Guidelines, adopted by the Knoxville City Council on November 25, 2004.

C. Porches

2. Design elements to be incorporated in any new porch design must include tongue and groove wood floors, beadboard ceilings, wood posts and/or columns and sawn and turned wood trim when appropriate. If balustrades are required, they must be designed with spindles set into the top and bottom rails.

5. Porches and balconies visible from a street may not be enclosed unless the enclosure provides as much transparency as existed prior to the enclosure and is designed to be immediately removable.

L. Additions

1. Locate exterior additions at the rear of or on an inconspicuous side of a historic building, limiting the size and scale in relationship to the historic building, and using appropriate proportions.

2. Design new additions so that it is clear what is historic and what is new.

3. Consider the attached exterior addition both in terms of the new use and the appearance of other buildings in the historic district. Additions shall be distinguishable from the historic building, but shall be compatible in terms of mass, materials, size, texture, and scale. Additions shall be designed so they can be removed without destroying the form of the historic building.

4. New additions should not be visible from streets.

6. Do not cause a loss of historic character through a new addition.

Comments

N/A

Staff Findings

1. 417 E Scott Ave is a contributing resource to the ONK National Register Historic district and local overlay.

2. The existing deck was installed in 2018; replacement of the existing deck is appropriate. The property slopes significantly to the south/southeast, and both sides of the house are flanked by large surface parking lots or driveways. The proposed roofline and deck will be visible from the right-of-way on both sides, though at a lower height than the house's main level.

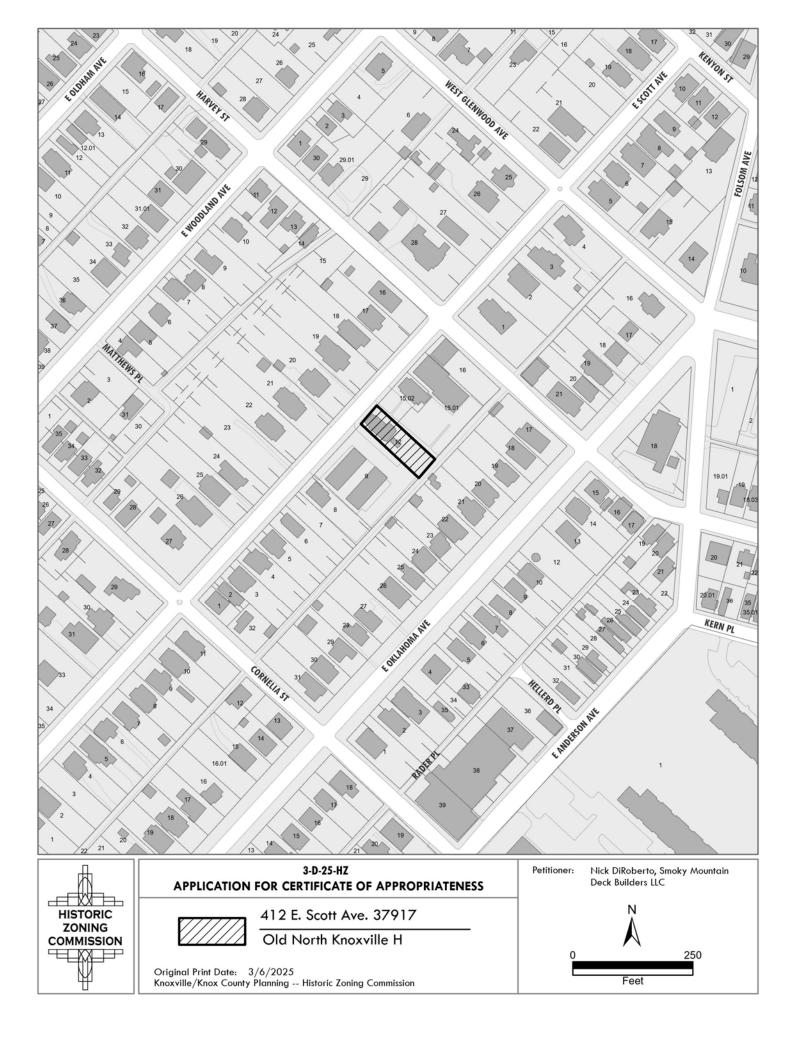
3. The placement of a deck on the rear elevation is appropriate within the guidelines.

4. In ONK, composite materials have been approved for flooring materials on new rear elevation decks, and on some upper-level front porches that are not visible from the street. While the herringbone pattern is not typical of historic porches or decks, the proposed deck will be on the rear elevation, covered with a roof, and enclosed with a screen, so it will not be visible from the right-of-way at all.

5. The deck and new roof structure do not result in modifications to character-defining features and could be removed with effect on the house.

Staff Recommendation

Staff recommends approval of Certificate 3-D-25-HZ as submitted.





DESIGN REVIEW REQUEST

DOWNTOWN DESIGN (DK)

HISTORIC ZONING (H)

□ INFILL HOUSING (IH)

Nick DiRoberto

Applicant				
			3-D-25-	HZ
Date Filed	Meeting Date (if	applicable)	File Numbe	er(s)
CORRESPONDENCE All correspondence related to t		cted to the approved contact I	isted below	
1626 244 2] Engineer 🔲 Architect/La			
Nick DiRoberto			N DECK BUILDERS L	LC
Name		Company		
299 Foxfire Lane		KINGSTON	TN	37763
Address		City	State	Zip
865-320-6990	Info@smokymo	ountaindecks.com		
Phone	Email			

CURRENT PROPERTY INFO

Marshall Jensen	412 E Scott Ave Kno	505-280-9860		
Owner Name (if different from applicant)	Owner Address		Owner Phone	
412 E Scott Ave Knoxville TN 37917		081LQ012		
Property Address		Parcel ID		
484		RN-2		
Neighborhood		Zoning		-

AUTHORIZATION

Lindsay Lanois Staff Signature

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Nick DiRoberto

02/27/2025

Date

Applicant Signature

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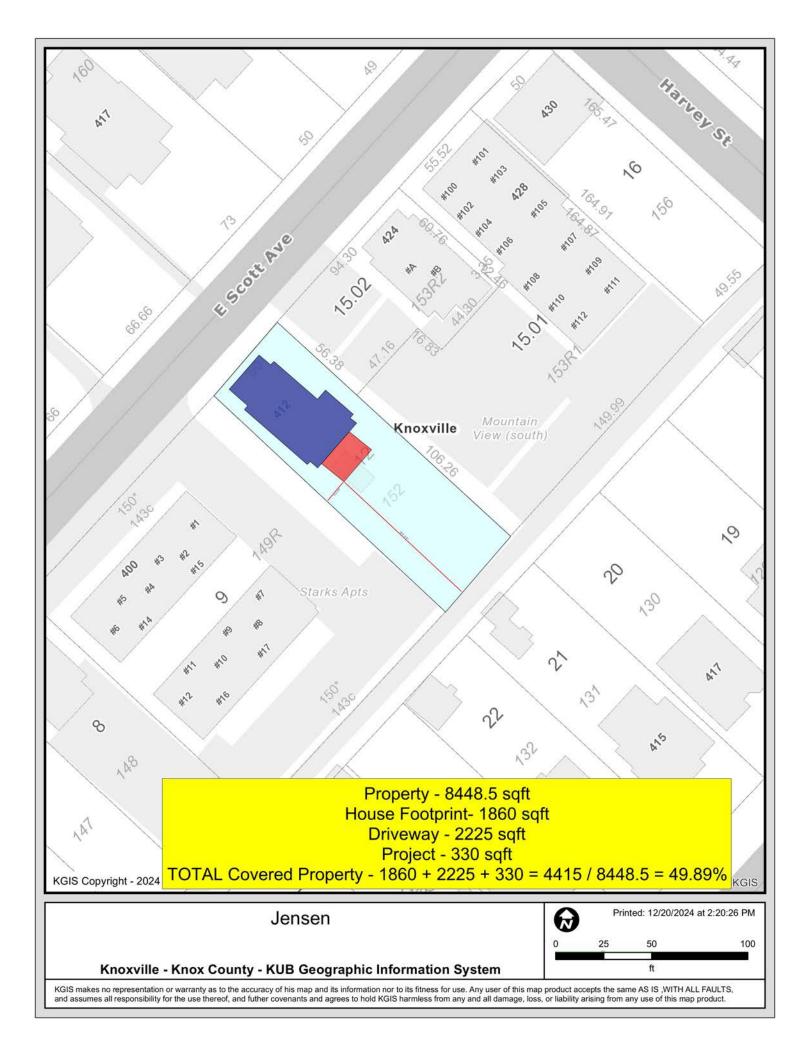
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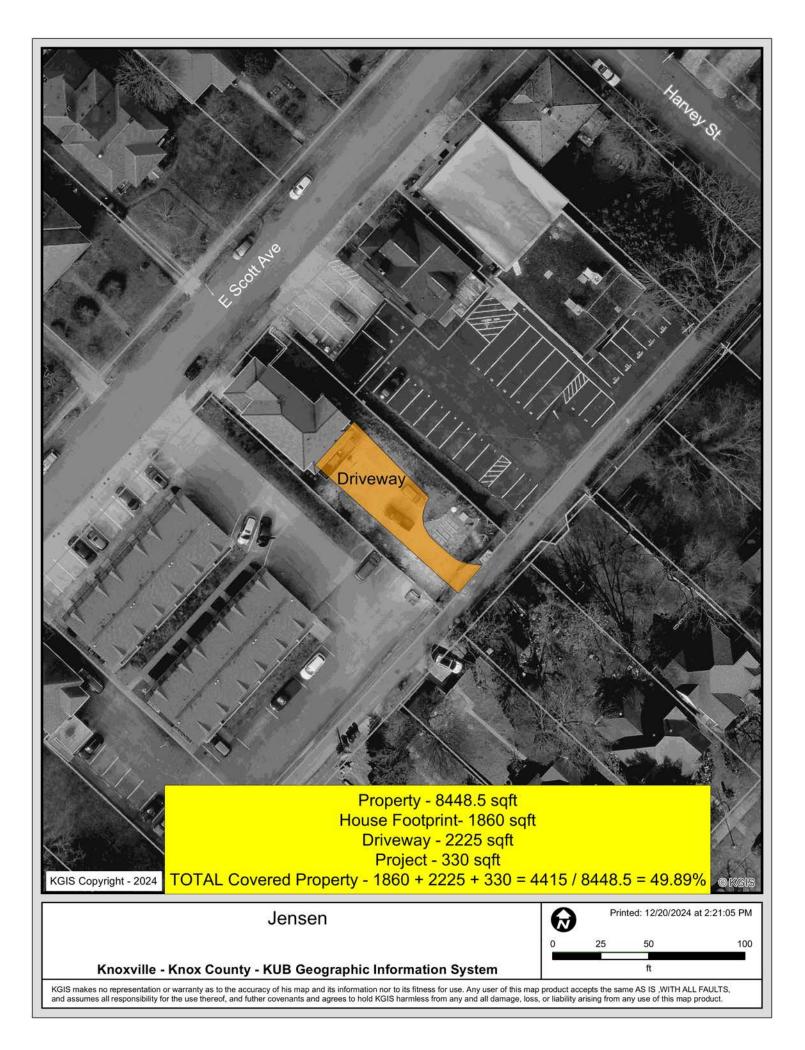
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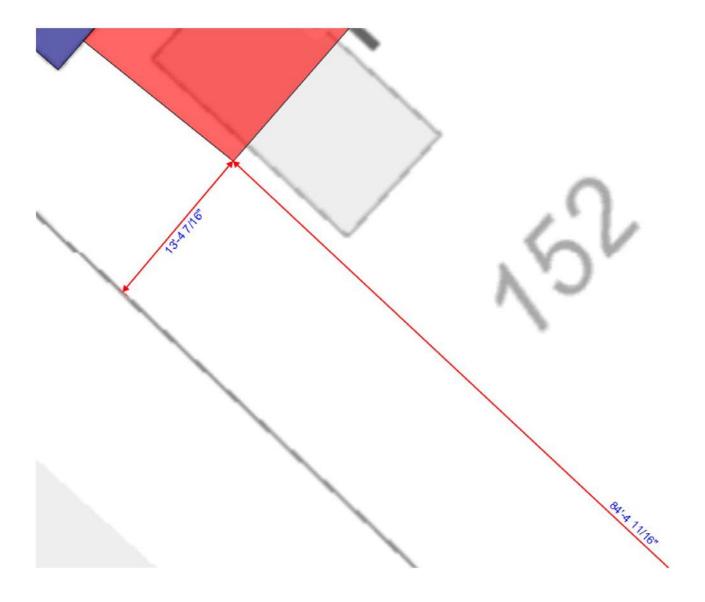
DOWNTOWN DESIGN	Level 1: Signs Alteration of an existing building/structure Level 2: Addition to an existing building/structure Level 3: Construction of new building/structure Site design, See required Downtown Design attachment for more details. Brief description of work:	parking, plazas, landscape	
HISTORIC ZONING	Level 1: Signs Routine repair of siding, windows, roof, or oth Level 2: Major repair, removal, or replacement of architectural eler Level 3: Construction of a new primary building Level 4: Relocation of a contributing structure Demolition of See required Historic Zoning attachment for more details. Brief description of work: demoing currrent deck and rebuilding screen walls and single slope roof	nents or materials Additions and ad a contributing structure 	
INFILL HOUSING	Level 1: Driveways, parking pads, access point, garages or similar factors of the primary street in the prima		
STAFF USE ONLY	ATTACHMENTS Downtown Design Checklist Historic Zoning Design Checklist Infill Housing Design Checklist ADDITIONAL REQUIREMENTS Property Owners / Option Holders	FEE 1: FEE 2: FEE 3:	TOTAL:

Property Owners / Option Holders

Level 1: \$50 • Level 2: \$100 • Level 3: \$250 • Level 4: \$500









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Cover

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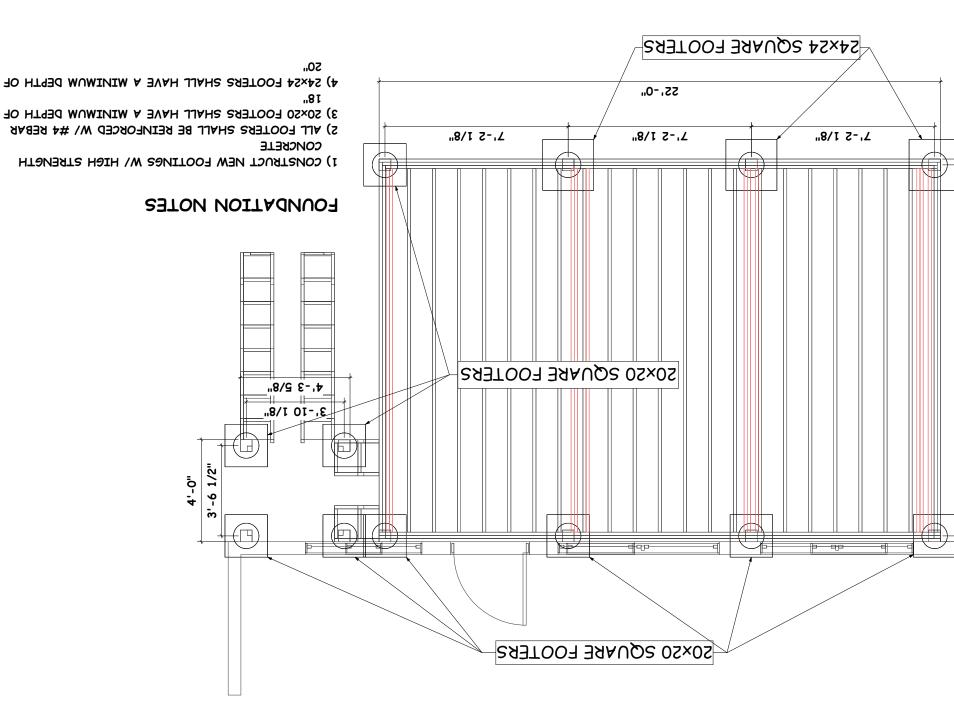
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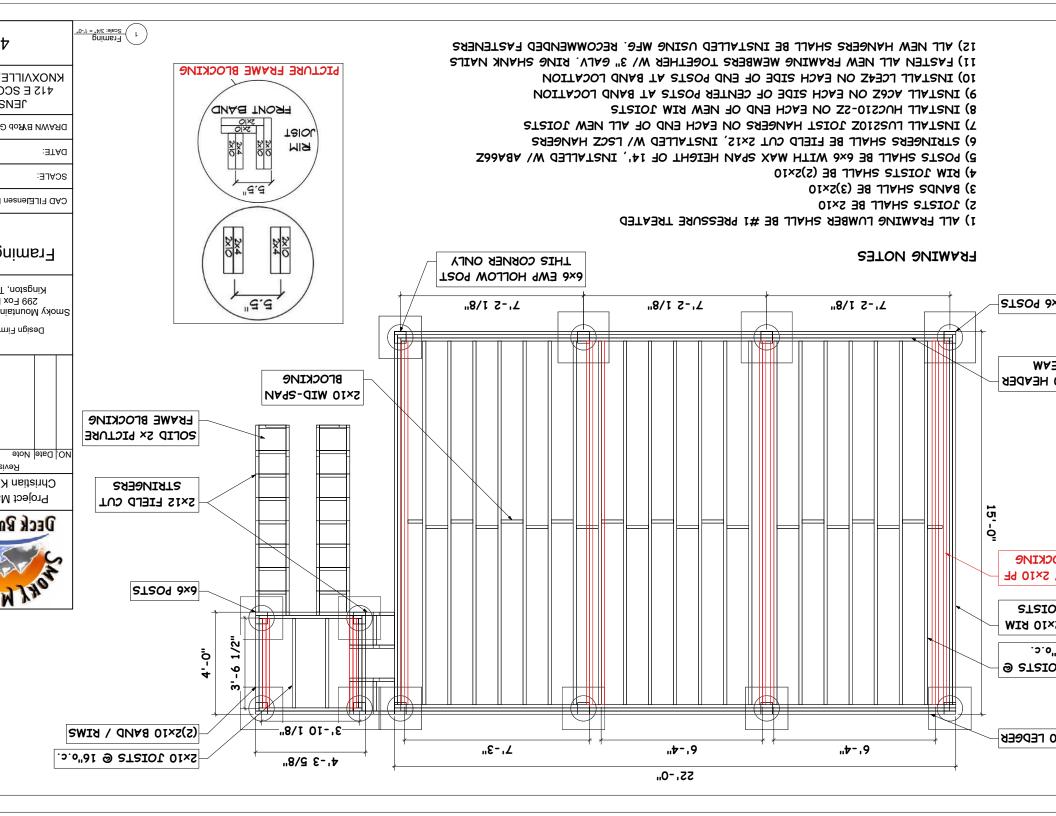
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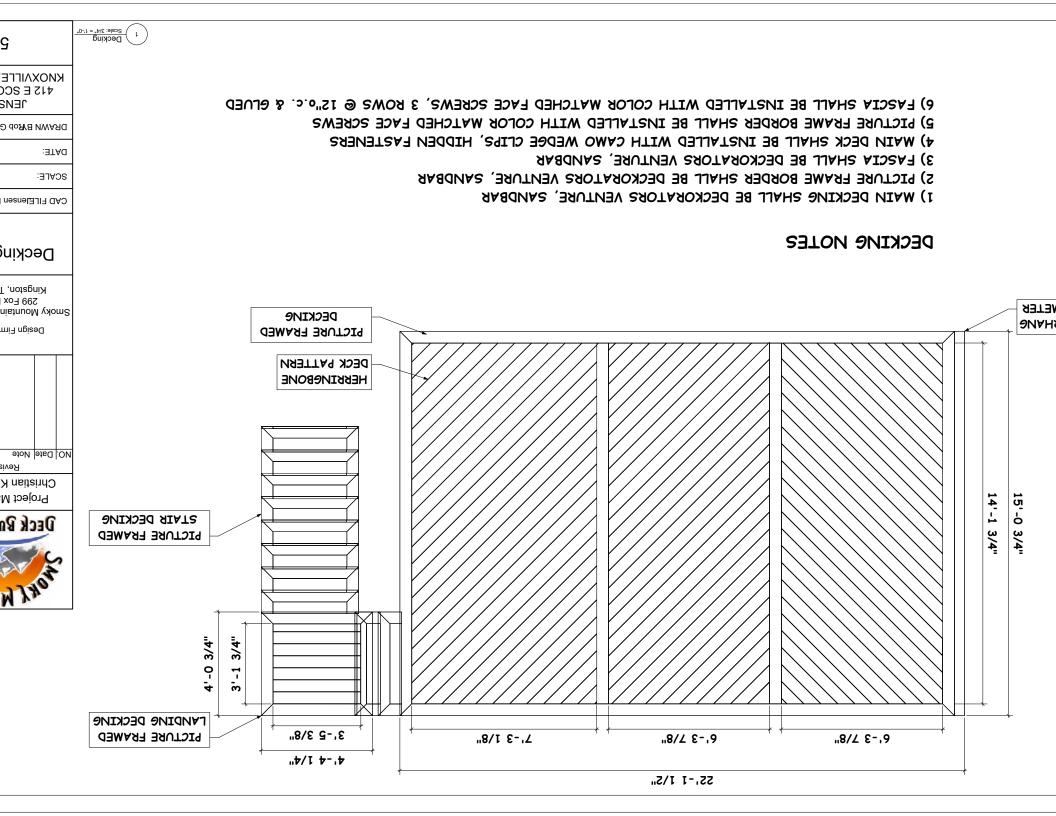
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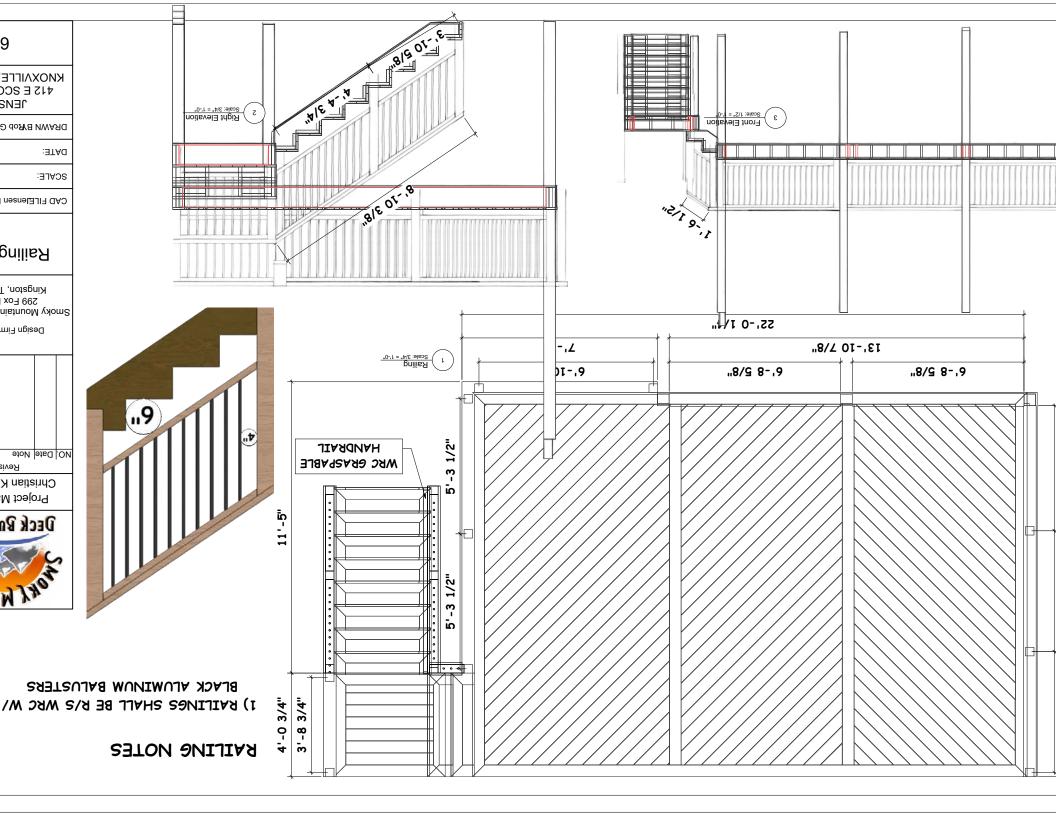
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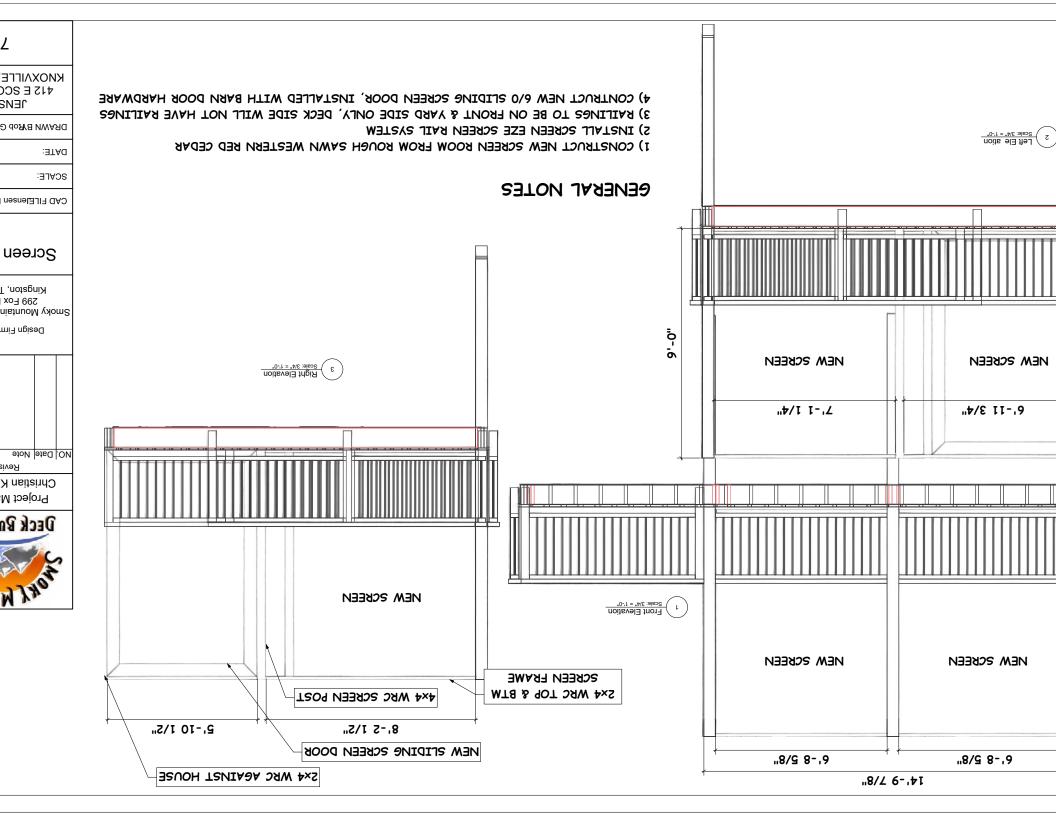


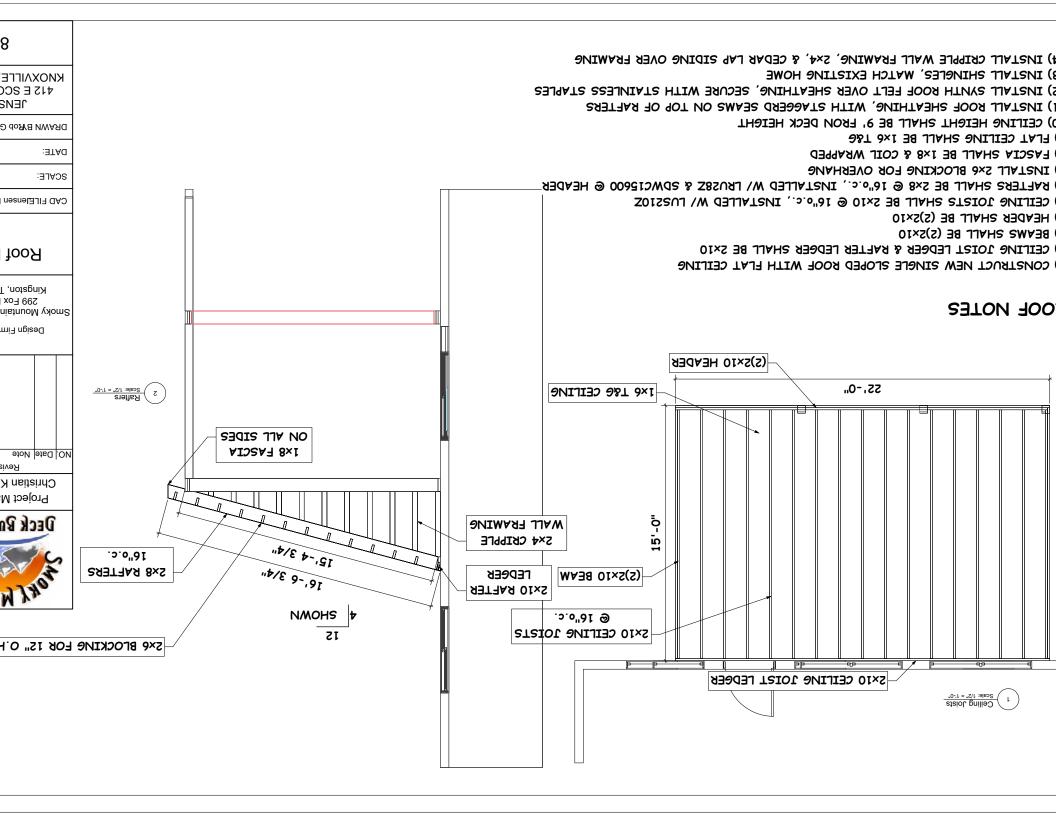
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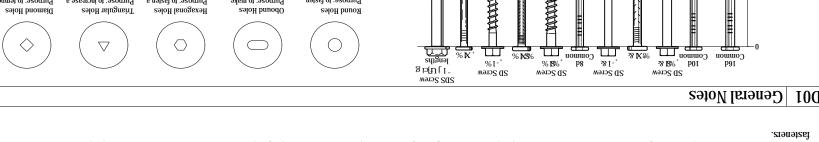


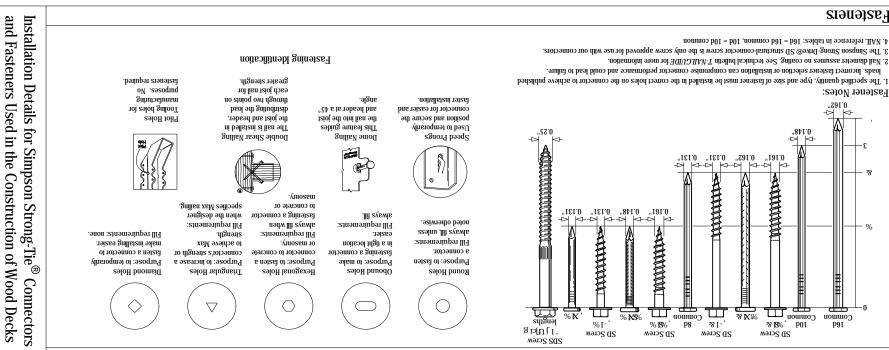




:eneral Notes:

- connectors and fasteners or have a professional inspection performed. Regular maintenance, including water-proofing of the wood used in your outdoor project is also a good practice. Outdoor environments are generally more corrosive to steel. If you choose to use ZMAX[®] or HDC finish or stainless steel material on an outdoor project, you should periodically inspect your
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- (£č1A MTZA to znoitscificsqr sht tsem hcinw zrsnstsi). 2.1. AZX: Galvanized (G185) 1.85 oz. of zinc per square foot of surface area. (hot-dip galvanized per AZAM A653 total both sides). These products require hot-dip galvanized fastenets
- is 2.0 oz. per square foot (per ATA MT24 fotal both sides). These products require hot-dip galvanized fasteners (fasteners which meet the specifications of ATAM 213). HDC - Hot Dip Galvanized: Products are hot-dip galvanized after fabrication (14 ga. and thicker). The coating weight increases with material thickness. The minimum specified coating weight 2.2.
- products, and are available from Simpson Strong-Tie. SS - Stainless Steel: Connectors are manufactured from Type 316L stainless steel, and provide greater durability against corrosion. Stainless-steel nails are required with stainless-steel 2.3.
- ATM A153 or equivalent coating offered on Simpson Strong-Tie fasteners. When using stainless steel connectors, use stainless steel fasteners. When applications allow the use of ZMAX/HDC galvanized connectors, use HDC fasteners that meet the specifications of
- Due to many variables involved with outdoor construction, Simpson Strong-Tie cannot provide estimates on service life of connectors, anchors or fasteners.
- .siT-gnort2 nosqmi2 To obtain optimal performance from Strong-Tie products, the products must be installed properly and used in accordance with the installation instructions and design limits provided by
- All installation notes and guidelines within the current Wood Construction Connectors catalog shall apply for the connectors, and fasteners shown.
- Simpson Strong-Tie reserves the right to change the specifications, design and models shown without notice or liability for such changes.
- Simpson Strong-Tie does not guarantee the performance or safety of products that are modified, improperly installed or not used in accordance with the design.
- minimim 1/32" and no more then a maximum of 1/16" larger than the bolt diameter per 2005 VDS Cection 1.1.2. All references to bolts or machine bolts (MS) are structural quality through bolts (not lag screws or carriage bolts) equal to or better than ASTA mathed and to be at least a
- . Unless stated otherwise, Simpson Strong-Tie cannot and does not make any representation regarding the suitability of use or load-carrying capacities of connectors installed with improper 0.Unless noted otherwise, all references to standard cut washers refer to Type A plain washers (W) conforming to the dimensions shown in ASME B18.22.1 for the appropriate rod sizes.





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NN STRONG-THE COMPANY INC. ST: 2600 International Street Columbus, 01th of 4228 ST: 5151 South Alport Way, Stockton, Calkonia 94588 ST: 2221 County Lane, McKimey, Fasta 75009 ST: 12246 Holy Street, Riverside, California 95509

Page 1 of 7 Rev. 1 7/04/2018

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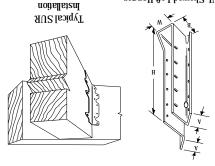
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2. Refer to current Wood Construction Connectors catalog for additional information.

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installations with SD Screws

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 22246 Holly Street, F IE COMPANY INC. al Street, Columbus, Ohio 43228 oort Way, Stockton, California 94588 ane, McKinney, Texas 75069 zet, Riverside, California 92509

and Fasteners Used in the Construction of Wood Decks

Installation Details for Simpson Strong-Tie®

Connectors

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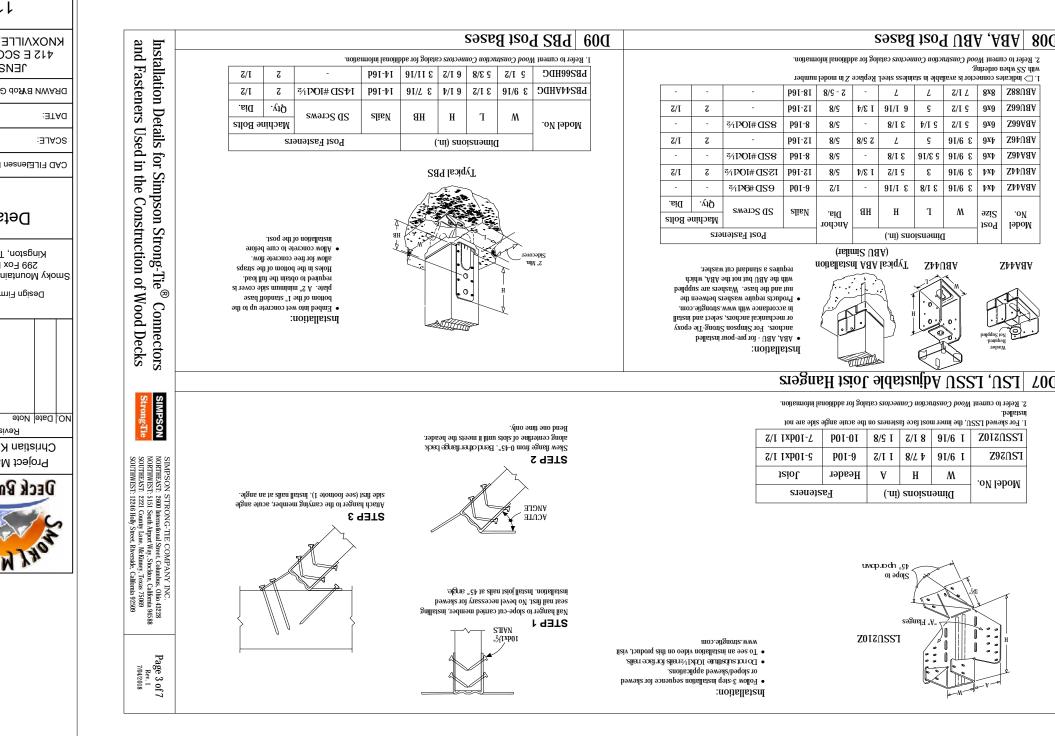
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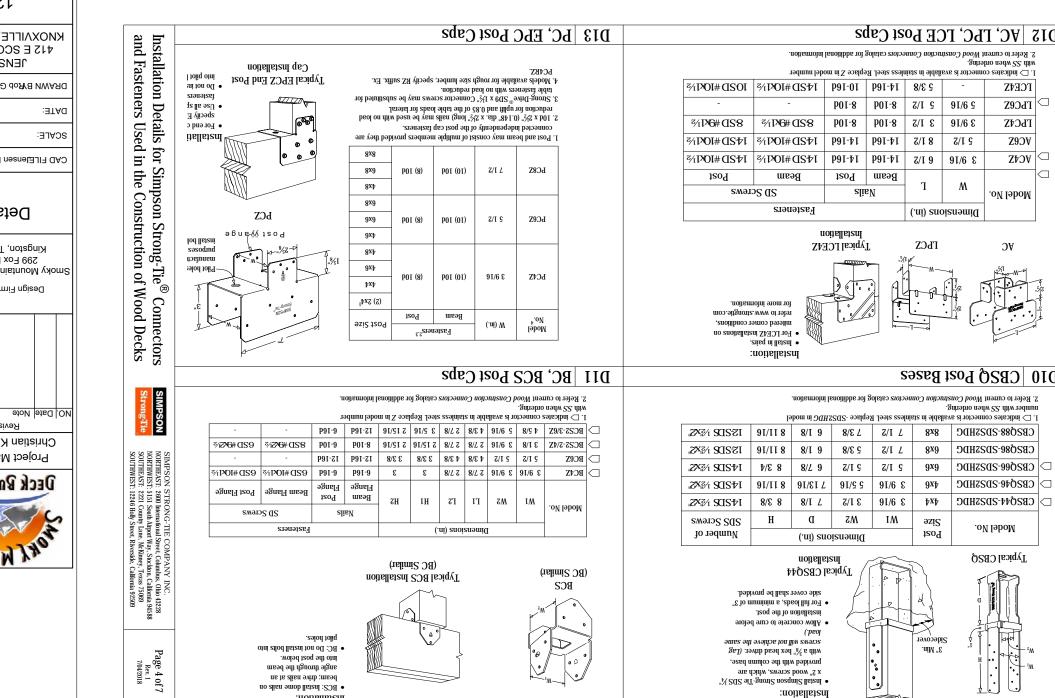
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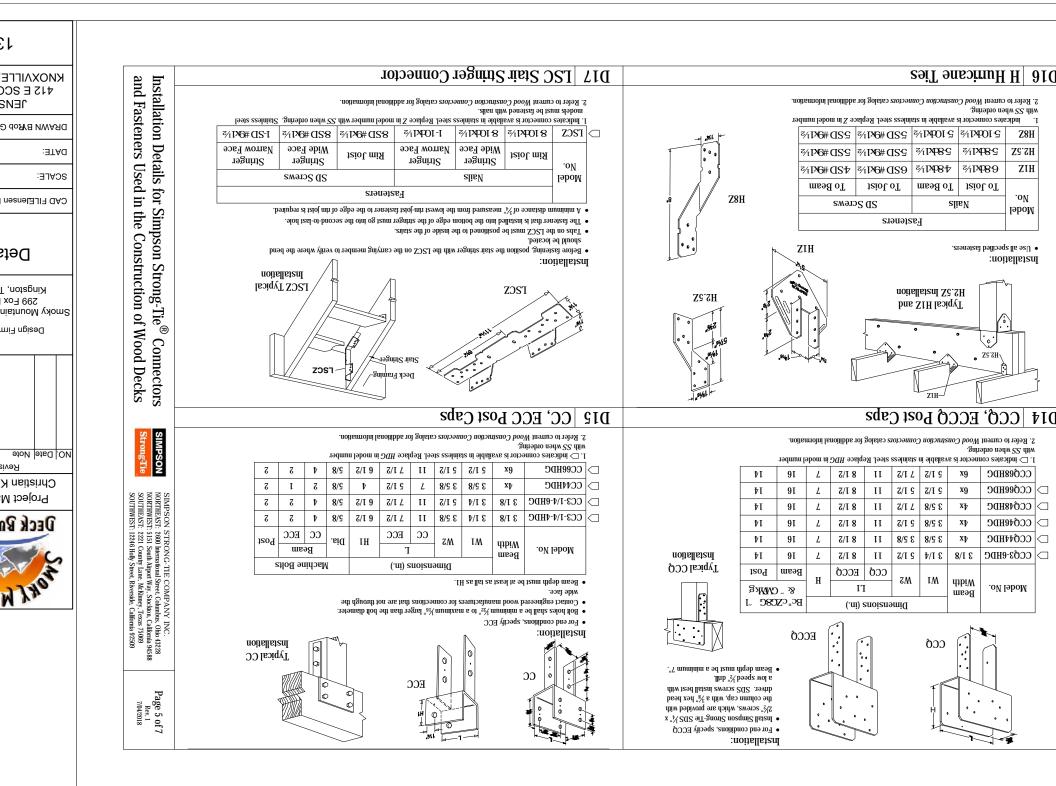
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America's #1-selling shingle just got better — again

With GAF time-release algaefighting technology and LayerLock® technology, Timberline HDZ® offers everything you can expect from an architectural shingle roof, and more.



Benefits:

- LayerLock[®] 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 test¹
- WindProven[™] Limited Wind Warranty — when installed with the required combination of GAF accessories, Timberline HDZ[®] shingles are eligible for a wind warranty with no maximum wind speed limitation²
- Dura Grip[™] sealant pairs with the microgranule surface of the StrikeZone[®] nailing area, and an asphalt-to-asphalt monolithic bond cures for durability, strength, and exceptional wind-uplift performance
- 25-year StainGuard Plus[™] Algae Protection Limited Warranty against blue-green algae discoloration.³ Proprietary GAF time-release algaefighting technology helps protect your shingles from unsightly stains.
- For the best look use TimberTex[®] premium ridge cap shingles or TimberCrest[®] premium SBS-modified ridge cap shingles

Barkwood	Birchwood	Biscayne Blue	Charcoal	Copper Canyon
Driftwood	Fox Hollow Gray	Golden Amber	Hickory	Hunter Green
Mission Brown	Oyster Gray	Patriot Red	Pewter Gray	Shakewood
				Undrowed
Slate	Sunset Brick	Weathered Wood	Williamsburg Slate	

Harvest Blend Colors⁵







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 shinales.

Product details:

Product/System Specifics

- Fiberglass asphalt construction
- Dimensions (approx.): 13¹/₄" x 39³/₈" (337 mm x 1,000 mm)
- **Exposure:** 5 %" (143 mm)
- Bundles/Square: 3
- Pieces/Square: 64
- StainGuard Plus[™] Algae Protection Limited Warranty³
- Hip/Ridge: TimberTex[®]; TimberCrest[®]; Seal-A-Ridge[®]; Z[®]Ridge; Ridglass^{®4}
- 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 D3462⁵
 Mianti Darda Causta I
- 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)
- ⁺ 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 aaf.com/LRS for auglifying GAF products. ¹ Results based on study conducted by Home Innovation Research Labs, an independent research lab, comparing installation of Timberline HD® Shingles to Timberline HDZ^{\otimes} Shingles on a 16-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 GAF shingles with LayerLock® technology 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 GAF WindProven® Limited Warranty, see the GAF Shingle & Accessory Limited Warranty.
- ³ 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 and qualifying products.
- ⁴ Harvest Blend colors are only available on TimberTex® Ridge Cap Shingles, Seal-A-Ridge® Ridge Cap Shingles, and TimberCrest® Premium SBS-Modified Ridge Cap Shingles.
- ⁵ Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.



Colors: