
Single-Family Codes & Weather Add-On



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REPORT #: 962614

DATE CREATED: 12/09/2024



ROOF TYPE

Slope Type STEEP-SLOPE

Building Type RESIDENTIAL

AUTHORITY HAVING JURISDICTION

BERKELEY COUNTY

MUNICIPAL CONTACT

843.719.4291

berkeleycountysc.gov

UNAVAILABLE

Chief Building Official:

Hank Jackson

SALES TAX

9%

CODE ENFORCED

2021 SCRC

2009 IECC

*DATA VERIFIED AS OF: 11/21/2024

IECC DETAILS

Climate Zone ZONE 3 / MOIST

Wood Frame Wall R-13

Ceiling R-30

PROPERTY DETAILS

Estimated Value \$ 451,700

Home Size 3798 SF

Date Built 1997

Floors 2

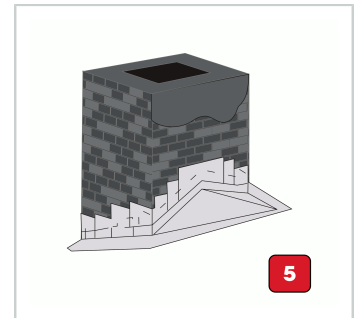
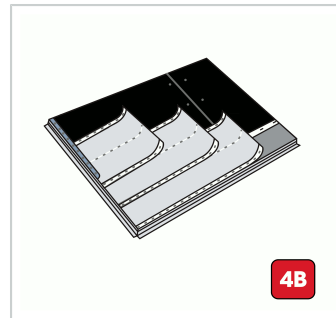
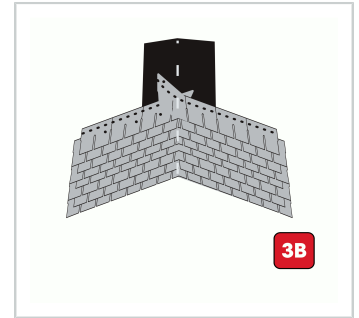
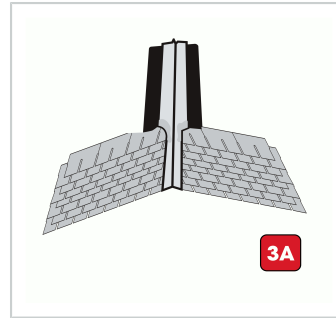
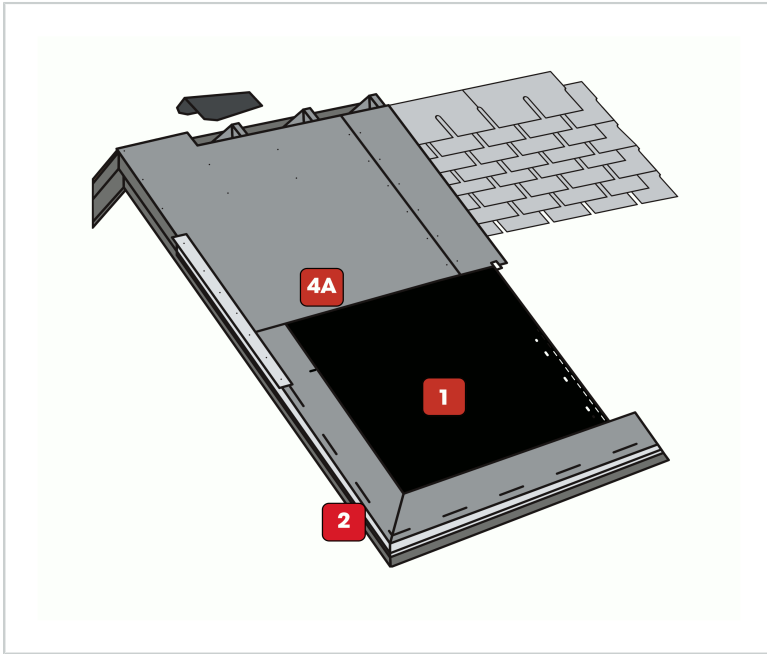
DRONE REGULATIONS

Ceiling UNAVAILABLE

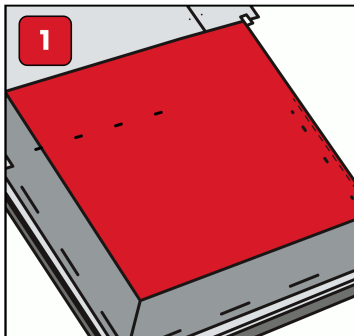
Restricted Area NO

FAA Authorization NO

To get enforcement on the various roofing components, i.e. ice and water, drip edge you can access the full code details report or subscription at oneclickcode.com or via App Store or Google Play



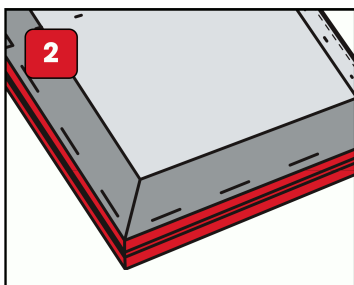
BUILDING CODE



R905.1.2 ICE BARRIERS.

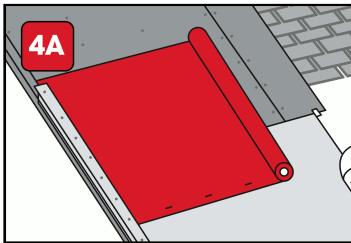
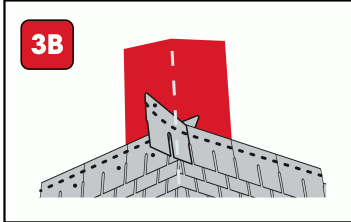
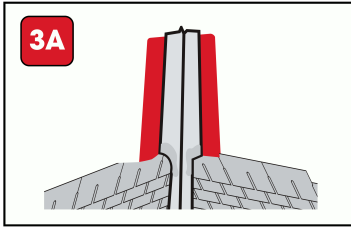
In areas where there has been a history of ice forming along the eaves causing a backup of water as designated in Table R301.2, an ice barrier shall be installed for asphalt shingles, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles and wood shakes. The ice barrier shall consist of not fewer than two layers of underlayment cemented together, or a self-adhering polymer-modified bitumen sheet shall be used in place of normal underlayment and extend from the lowest edges of all roof surfaces to a point not less than 24 inches (610 mm) inside the exterior wall line of the building. On roofs with slope equal to or greater than 8 units vertical in 12 units horizontal (67-percent slope), the ice barrier shall also be applied not less than 36 inches (914 mm) measured along the roof slope from the eave edge of the building.

Exception: Detached accessory structures not containing conditioned floor area.



R905.2.8.5 DRIP EDGE.

A drip edge shall be provided at eaves and rake edges of asphalt shingle roofs where required by the manufacturer.



R905.2.8.2 VALLEYS.

Valley linings shall be installed in accordance with the manufacturer's instructions before applying shingles. Valley linings of the following types shall be permitted:

1. For open valleys (valley lining exposed) lined with metal, the valley lining shall be not less than 24 inches (610 mm) wide and of any of the corrosion-resistant metals in Table R905.2.8.2.
2. For open valleys, valley lining of two plies of mineral-surfaced roll roofing, complying with ASTM D3909 or ASTM D6380 Class M, shall be permitted. The bottom layer shall be 18 inches (457 mm) and the top layer not less than 36 inches (914 mm) wide.
3. For closed valleys (valley covered with shingles), valley lining of one ply of smooth roll roofing complying with ASTM D6380 and not less than 36 inches wide (914 mm) or valley lining as described in Item 1 or 2 shall be permitted. Self-adhering polymer-modified bitumen underlayment complying with ASTM D1970 shall be permitted in lieu of the lining material.

R905.1.1 UNDERLAYMENT.

TABLE R905.1.1(2) UNDERLAYMENT APPLICATION - ASPHALT SHINGLES

Underlayment for asphalt shingles, clay and concrete tile, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles, wood shakes, metal roof panels and photovoltaic shingles shall conform to the applicable standards listed in this chapter. Underlayment materials required to comply with ASTM D226, D1970, D4869 and D6757 shall bear a label indicating compliance to the standard designation and, if applicable, type classification indicated in Table R905.1.1(1). Underlayment shall be applied in accordance with Table R905.1.1(2). Underlayment shall be attached in accordance with Table R905.1.1(3).

Exceptions:

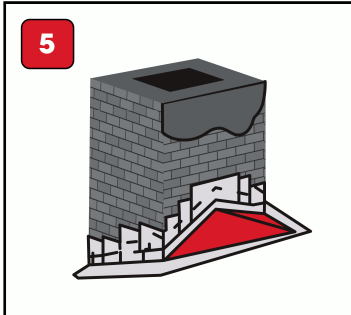
1. As an alternative, self-adhering polymer-modified bitumen bearing a label indicating compliance with ASTM D1970.
2. As an alternative, a minimum 4-inch-wide (102 mm) strip of self-adhering polymer-modified bitumen membrane bearing a label indicating compliance with ASTM D1970, installed in accordance with the manufacturer's installation instructions for the deck material, shall be applied over all joints in the roof decking. An approved underlayment complying with Table R905.1.1(1) for the applicable roof covering.

AREAS WHERE WIND DESIGN IS NOT REQUIRED

For roof slopes from 2 units vertical in 12 units horizontal (2:12), up to 4 units vertical in 12 units horizontal (4:12), underlayment shall be two layers applied in the following manner: apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet. For roof slopes of 4 units vertical in 12 units horizontal (4:12) or greater, underlayment shall be one layer applied in the following manner: underlayment shall be applied shingle fashion, parallel to and starting from the eave and lapped 2 inches. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet.

AREAS WHERE WIND DESIGN IS REQUIRED

Underlayment shall be two layers applied in the following manner: apply a 19-inch strip of underlayment felt parallel to and starting at the eaves. Starting at the eave, apply 36-inch-wide sheets of underlayment, overlapping successive sheets 19 inches. Distortions in the underlayment shall not interfere with the ability of the shingles to seal. End laps shall be 4 inches and shall be offset by 6 feet.



R1003.20 CHIMNEY CRICKETS.

Chimneys shall be provided with crickets where the dimension parallel to the ridgeline is greater than 30 inches (762 mm) and does not intersect the ridgeline. The intersection of the cricket and the chimney shall be flashed and counterflashed in the same manner as normal roof-chimney intersections. Crickets shall be constructed in compliance with Figure R1003.20 and Table R1003.20.

BUILDING CODE ENFORCEMENT

R903.1 GENERAL.

Roof decks shall be covered with approved roof coverings secured to the building or structure in accordance with the provisions of this chapter. Roof assemblies shall be designed and installed in accordance with this code and the approved manufacturer's instructions such that the roof assembly shall serve to protect the building or structure.

R104.1 GENERAL.

The building official is hereby authorized and directed to enforce the provisions of this code. The building official shall have the authority to render interpretations of this code and to adopt policies and procedures in order to clarify the application of its provisions. Such interpretations, policies and procedures shall be in compliance with the intent and purpose of this code. Such policies and procedures shall not have the effect of waiving requirements specifically provided for in this code.

R904.1 SCOPE.

The requirements set forth in this section shall apply to the application of roof covering materials specified herein. Roof assemblies shall be applied in accordance with this chapter and the manufacturer's installation instructions. Installation of roof assemblies shall comply with the applicable provisions of Section R905.

R202 DEFINITIONS - ROOF ASSEMBLY.

A system designed to provide weather protection and resistance to design loads. The system consists of a roof covering and roof deck or a single component serving as both the roof covering and the roof deck. A roof assembly can include an underlayment, thermal barrier, ignition barrier, insulation or vapor retarder. For the definition applicable in Chapter 11, see Section N1101.6.

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VERIFIED

Home + Weather

Report

Generated: 12/09/2024, Requested Address: XYZ Contractor Ave, Any City, USA

XYZ Contractor Ave, Any City, USA



PROPERTY INFO

Owner

Property Use 1001
Latitude 33.43181228637695
Longitude -79.95935821533203
Lot 5
Subdivision Russellvle/41 Sec/Harristown/West Of

Sale

Tax Assessment Amount \$19,893
Tax Assessment Year 2023

Parcel

Acreage 1.78
Acreage sqft. 77,537
Elevation 7.43 ft ©
Primary Structure True ©
Tree Coverage 0% ©

Building

Living Area 3,798 sqft
Garage (0)
Bedrooms 0
Bathrooms 0
Roof Material Shingle ©
Roof Shape Gable ©
Roof Condition Poor ©
Roof Solar False ©

The following attributes are not available on this property: Cooling, Heating, Parcel Slope, Pool, Roof Age, Sale Amount, Sale Date



























SUMMARY


Hail greater than 0.5 Inches was present at the address on 05/24/2024. Wind speeds greater than 55 Miles Per Hour were present at the address on 09/27/2024.



WEATHER REPORT

PAGE 1/3

Type	Magnitude	Date	Map
 WIND	55 Miles Per Hour	09/27/2024	View Storm
 HAIL	0.5 Inches	05/24/2024	View Storm
 WIND	50 Miles Per Hour	04/11/2024	View Storm
 WIND 	60 Miles Per Hour	01/09/2024	View Storm
 HAIL	0.5 Inches	07/20/2023	View Storm
 HAIL	0.5 Inches	06/26/2023	View Storm
 WIND 	50 Miles Per Hour	12/23/2022	View Storm
 WIND 	65 Miles Per Hour	09/30/2022	View Storm
 WIND	50 Miles Per Hour	03/31/2022	View Storm
 WIND 	55 Miles Per Hour	01/03/2022	View Storm
 WIND	40 Miles Per Hour	07/28/2020	View Storm
 HAIL	0.5 Inches	06/05/2020	View Storm
 WIND	40 Miles Per Hour	02/06/2020	View Storm
 WIND 	40 Miles Per Hour	09/05/2019	View Storm
 WIND	40 Miles Per Hour	07/18/2019	View Storm
 WIND	45 Miles Per Hour	06/20/2019	View Storm
 HAIL	0.5 Inches	06/20/2019	View Storm
 HAIL	0.5 Inches	06/04/2019	View Storm
 HAIL	0.5 Inches	05/04/2019	View Storm
 WIND 	45 Miles Per Hour	04/19/2019	View Storm

 - The storm's impact zone is over the address

All reported instances reflect the maximum impact on the specified calendar day. Dates highlighted in green represent severe weather events as defined by the National Weather Service: hail greater than 1" in diameter and wind speeds greater than 58 mph.

Verified Extreme Weather Reports powered by PSAI

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









SUMMARY


Hail greater than 0.5 Inches was present at the address on 08/14/2018. Wind speeds greater than 40 Miles Per Hour were present at the address on 09/14/2018.



WEATHER REPORT

PAGE 2/3

Type	Magnitude	Date	Map
 WIND	40 Miles Per Hour	09/14/2018	View Storm
 HAIL	0.5 Inches	08/14/2018	View Storm
 WIND 	60 Miles Per Hour	06/24/2018	View Storm
 HAIL	0.75 Inches	06/02/2018	View Storm
 WIND	45 Miles Per Hour	09/11/2017	View Storm
 HAIL 	1 Inches	02/15/2017	View Storm
 WIND 	70 Miles Per Hour	10/08/2016	View Storm
 WIND 	50 Miles Per Hour	10/07/2016	View Storm
 HAIL 	1.25 Inches	08/18/2016	View Storm
 WIND	60 Miles Per Hour	08/18/2016	View Storm
 HAIL	0.5 Inches	08/17/2016	View Storm
 HAIL 	0.5 Inches	07/03/2016	View Storm
 WIND	40 Miles Per Hour	08/06/2015	View Storm
 HAIL 	0.5 Inches	07/07/2014	View Storm
 HAIL	0.5 Inches	07/06/2014	View Storm
 HAIL 	1.75 Inches	05/23/2014	View Storm
 HAIL 	0.75 Inches	07/17/2013	View Storm
 WIND	75 Miles Per Hour	06/03/2013	View Storm
 HAIL	0.5 Inches	08/17/2012	View Storm
 HAIL 	0.75 Inches	08/02/2012	View Storm

 - The storm's impact zone is over the address

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







SUMMARY


Hail greater than 0.5 Inches was present at the address on 08/01/2012. Wind speeds greater than 45 Miles Per Hour were present at the address on 07/01/2012.



WEATHER REPORT

PAGE 3/3

Type	Magnitude	Date	Map
 HAIL	0.5 Inches	08/01/2012	View Storm
 HAIL 	0.75 Inches	07/09/2012	View Storm
 WIND	45 Miles Per Hour	07/01/2012	View Storm
 HAIL 	1.5 Inches	07/01/2012	View Storm
 WIND 	55 Miles Per Hour	05/22/2012	View Storm
 HAIL 	1 Inches	05/22/2012	View Storm
 HAIL	0.5 Inches	04/21/2012	View Storm
 HAIL 	0.75 Inches	07/31/2011	View Storm
 HAIL	0.5 Inches	07/30/2011	View Storm
 HAIL	0.5 Inches	07/05/2011	View Storm
 HAIL 	0.5 Inches	07/02/2011	View Storm
 HAIL 	0.75 Inches	06/13/2011	View Storm
 HAIL 	0.75 Inches	05/27/2011	View Storm
 HAIL	0.5 Inches	05/10/2011	View Storm
 HAIL 	1 Inches	04/16/2011	View Storm
 HAIL 	0.75 Inches	04/15/2011	View Storm
 HAIL 	1.25 Inches	04/09/2011	View Storm

 - The storm's impact zone is over the address

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