

**Company** **Your Company**  
**Logo** 123 Any Street,  
Any City, USA 11111  
444-444-4444

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Insured: Your Customer  
Property: 123 Any Street  
Any City 73162

**Claim Number:** 8676309

**Policy Number:** INSURANCE  
COMPANY

**Type of Loss:**

Date of Loss: Date Received:  
Date Inspected: Date Entered: 6/1/2020 5:31 PM

Price List: OKOC8X\_JUN20  
Restoration/Service/Remodel  
Estimate: 123ANYSTREESTANYCITY

The total cost for the repairs detailed in the following estimate is \$12,345.67

Adherence to Adopted Building Code and Local Ordinances

Please know that Your Company Name will follow the adopted building code of the appropriate authority and OSHA guidelines. To instruct otherwise, through non-payment or disallowed line items, is acceptance by the non-paying party for responsibility of any and all repercussions that could present itself. This would include as examples but not limited to, OSHA fines, code enforcement fines, prosecution, etc. This scope of work is based on a visual inspection and does not include hidden damage. Work is limited to that which is stated in this work scope only and any additional work required will be handled by a signed change order prior to commencement.

This is our estimate for repair to bring this property back to pre-storm condition. I have attached photos of any items not included by the field adjuster or items that differ from the adjusters scope of work. For your convenience I have bolded any items that differ from your estimate except for GC O&P and applied labor minimums.

Please contact me once you've had the opportunity to familiarize yourself with the estimate in order to review if required.

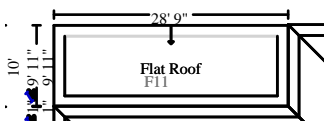
Thank you,  
Contact Name  
(123) 456-7890  
Your company name  
Contact@companyemail.com



**CONTINUED - Dwelling Roof**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	RCV	DEPREC.	ACV
<b>20. Roofer - per hour</b>	<b>4.00</b>	<b>HR</b>				<b>PER BID</b>
Roofing labor for the installation of the 2x10 support beams						
<b>21. Temporary shoring post - Screw jack (per day)</b>	<b>2.00</b>	<b>DA</b>				<b>PER BID</b>
<b>22. Roofing - General Laborer - per hour</b>	<b>8.00</b>	<b>HR</b>				<b>PER BID</b>
Final clean up of the premise is not included in Xactimate and is therefore included in our estimate for the safety of the residents.						
<b>Totals: Dwelling Roof</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Flat Roof**



287.38 Surface Area  
 48.74 Total Perimeter Length  
 2.87 Number of Squares

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	RCV	DEPREC.	ACV
23. Remove Roll roofing	2.87	SQ				PER BID
24. Roll roofing	2.87	SQ				REVISED
<b>THE FOLLOWING ITEMS ARE A SUPPLEMENT TO THE ORIGINAL ESTIMATE</b>						
<b>25. Modified bitumen roof</b>	<b>2.87</b>	<b>SQ</b>				<b>PER BID</b>
Refer to the building code for the required installation of mod bit roofing on the low slope roof.						
<b>26. R&amp;R Drip edge</b>	<b>48.74</b>	<b>LF</b>				<b>PER BID</b>
Refer to the attached manufacturer installation instructions for the installation of metal flashing with the mod bit roofing system.						
<b>27. R&amp;R Exhaust cap - through flat roof</b>	<b>1.00</b>	<b>EA</b>				<b>PER BID</b>
<b>Totals: Flat Roof</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Fascia**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	RCV	DEPREC.	ACV
28. Prime & paint exterior fascia - wood, 4" - 6" wide	112.59	LF				PER BID
<b>THE FOLLOWING ITEMS ARE A SUPPLEMENT TO THE ORIGINAL ESTIMATE</b>						
<b>29. R&amp;R 1" x 2" lumber (.167 BF per LF)</b>	<b>112.59</b>	<b>LF</b>				<b>PER BID</b>
Refer to the attached photos of the 1x2 board installed over the fascia wood.						
<b>30. R&amp;R Fascia - 1" x 4" - #1 pine</b>	<b>112.59</b>	<b>LF</b>				<b>PER BID</b>

**CONTINUED - Fascia**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	RCV	DEPREC.	ACV
31. Clean fascia	112.59 LF					PER BID
<b>Totals: Fascia</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

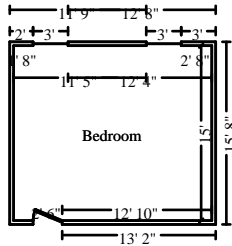
**Doors**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	RCV	DEPREC.	ACV
32. R&R Exterior door - metal - insulated - flush or panel style	1.00 EA					PER BID
33. Paint door slab only - 2 coats (per side)	2.00 EA					PER BID
<b>THE FOLLOWING ITEMS ARE A SUPPLEMENT TO THE ORIGINAL ESTIMATE</b>						
34. Door lockset & deadbolt - exterior - Detach & reset	1.00 EA					PER BID
35. Seal & paint door or window opening (per side)	2.00 EA					PER BID
36. R&R Custom bent aluminum (PER LF)	3.00 LF					PER BID
Refer to the building code for the required metal header flashing to prevent water entry.						
<b>Totals: Doors</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Gutters**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	RCV	DEPREC.	ACV
37. R&R Gutter / downspout - aluminum - up to 5"	128.17 LF					PER BID
<b>THE FOLLOWING ITEMS ARE A SUPPLEMENT TO THE ORIGINAL ESTIMATE</b>						
38. Prime & paint gutter / downspout	128.17 LF					PER BID
Refer to the attached photos showing the painted gutters and the gutter guards.						
39. Detach & Reset Gutter guard/screen	128.17 LF					PER BID
<b>Totals: Gutters</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Main Level**



**Bedroom**

**Height: 8'**

495.33 SF Walls	255.00 SF Ceiling
750.33 SF Walls & Ceiling	255.00 SF Floor
28.33 SY Flooring	61.50 LF Floor Perimeter
64.00 LF Ceil. Perimeter	

**Door** **2' 6" X 6' 8"** **Opens into Exterior**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	RCV	DEPREC.	ACV
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40. Seal the surface area w/latex based stain blocker - one coat	25.00 SF					PER BID
41. Paint the ceiling - one coat	255.00 SF					PER BID
42. Mask the ceiling per square foot - plastic and tape - 4 mil	255.00 SF					PER BID

**THE FOLLOWING ITEMS ARE A SUPPLEMENT TO THE ORIGINAL ESTIMATE**

The interior water damage has impacted the drywall and the texture applied to it. Restoring to pre-loss condition requires replacement of the drywall.

43. Contents - move out then reset	1.00 EA					PER BID
44. R&R 5/8" drywall - hung, taped, ready for texture	12.00 SF					PER BID
45. R&R Blown-in insulation - 10" depth - R26	12.00 SF					PER BID
46. Remove Acoustic ceiling (popcorn) texture	243.00 SF					PER BID
47. Seal the ceiling w/latex based stain blocker - one coat	255.00 SF					PER BID
48. Acoustic ceiling (popcorn) texture	255.00 SF					PER BID
49. Paint the walls - one coat	495.33 SF					PER BID
50. Detach & Reset Ceiling fan & light	1.00 EA					PER BID
51. Heat/AC register - Mechanically attached - Detach & reset	1.00 EA					PER BID
52. Window drapery - hardware - Detach & reset	1.00 EA					PER BID
53. TV Brackets - Wall or ceiling mounted - Detach & reset	1.00 EA					PER BID
54. Bubble Wrap - Add-on cost for fragile items	80.00 LF					PER BID
To protect the detached television as the repairs are completed						
55. Floor protection - plastic and tape - 10 mil	255.00 SF					PER BID
56. Floor protection - cardboard and tape	255.00 SF					PER BID
57. Mask and prep for paint - plastic, paper, tape (per LF)	64.00 LF					PER BID
58. Mask and prep for paint - tape only (per LF)	64.00 LF					PER BID

<b>Totals: Bedroom</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>
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**Debris Removal**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	RCV	DEPREC.	ACV
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**CONTINUED - Debris Removal**

DESCRIPTION	QUANTITY	UNIT PRICE	TAX	RCV	DEPREC.	ACV
59. Haul debris - per pickup truck load - including dump fees	1.00	EA				PER BID
<b>Totals: Debris Removal</b>			<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Grand Total Areas:**

495.33 SF Walls	255.00 SF Ceiling	750.33 SF Walls and Ceiling
255.00 SF Floor	28.33 SY Flooring	61.50 LF Floor Perimeter
0.00 SF Long Wall	0.00 SF Short Wall	64.00 LF Ceil. Perimeter
255.00 Floor Area	276.78 Total Area	495.33 Interior Wall Area
937.03 Exterior Wall Area	66.67 Exterior Perimeter of Walls	
3,754.96 Surface Area	37.55 Number of Squares	289.50 Total Perimeter Length
54.00 Total Ridge Length	193.89 Total Hip Length	

Coverage	Item Total	%	ACV Total	%
Dwelling	0.00	0.00%	0.00	0.00%
Other Structures	0.00	0.00%	0.00	0.00%
Contents	0.00	0.00%	0.00	0.00%
<b>Total</b>	<b>0.00</b>	<b>100.00%</b>	<b>0.00</b>	<b>100.00%</b>

1 1-Valley lining Closed

**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 D 3909 or ASTM D 6380 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 D 6380 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 D 1970 shall be permitted in lieu of the lining material.

2 2-Starter layer requirement2

**5 Shingle Application (cont.):**

**Starter Course:**

Use an Owens Corning® Starter product. Trim 6 1/2 inches off the rake of the starter course shingle and flush with the drip edge along the rake and eaves edge, and continue across the roof. Use 5 fasteners for each shingle, placed 2 to 3 inches up from eaves edge. See Fig. 5. **If no drip edge is used, shingles must extend a minimum of 1/2 inch and no more than 1 inch from rake and eaves edge.**

**First Course:**

Apply first course starting with the full shingle even with the starter course. See Fig. 5A.

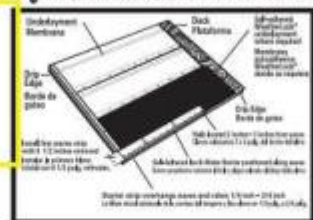
Fasten securely according to fastening instructions. See Fig. 4.

**Second Course:**

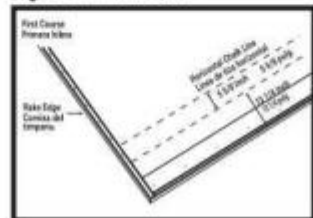
Remove 6 1/2 inches from the left end of this shingle and apply the remaining piece over and above the first course shingle and flush with edge of the first course with 5 1/2 inch exposure. See Fig. 5B.

Fasten securely according to fastening instructions. See Fig. 4.

**Fig. 5 Starter Strip Shingle Eaves Application**  
 Aplicación de las tejas para la hilera inicial en el alero



**Fig. 5A Shingle Application**  
 Instalación de tejas



**5 Instalación de tejas (cont.):**

**Hilera inicial:**

Utilice un producto de hilera inicial para techos de Owens Corning®. Recorte 6 1/2 pulgadas desde la cornisa del timpano en la teja de la hilera inicial y nivele con el borde de goteo a lo largo de la cornisa y el borde del alero, y continúe a través del techo. Utilice 5 sujetadores para cada teja, colocados a una distancia de 2 a 3 pulgadas arriba del borde del alero. Ver la Fig. 5. **Si no utiliza un borde de goteo, las tejas deberán extenderse un mínimo de 1/2 pulgada y un máximo de 1 pulgada desde la cornisa y el borde del alero.**

**Primera hilera:**

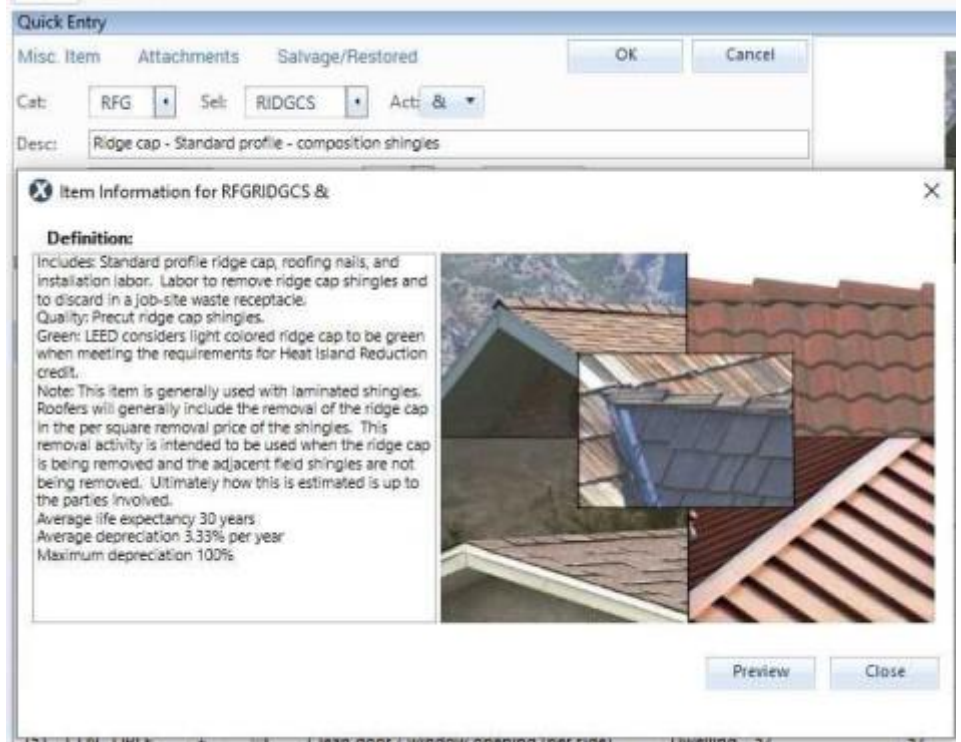
Con una teja completa, nivelada con la hilera inicial. Ver la Fig. 5A.

Sujete firmemente de acuerdo con las instrucciones de sujeción. Ver la Fig. 4.

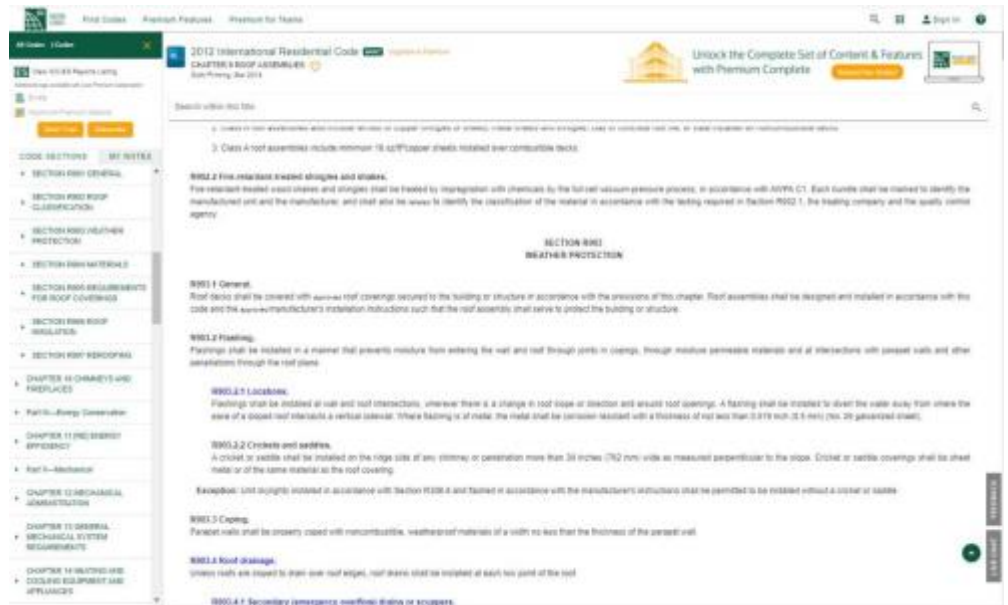
**Segunda hilera:**

Quite 6 1/2 pulgadas del extremo izquierdo de esta teja y aplique la pieza restante sobre y por encima de la teja de la primera hilera, nivelando con el borde de la primera hilera con un área expuesta de 5 1/2 pulgadas.

3 3-Standard Profile ridge cap  
 Date Taken: 2/23/2022



4 4-IRC Flashing  
 Date Taken: 10/26/2020





5 5-IRC Counter flashing  
 Date Taken: 3/30/2021

**R703.8.2.2 Support by roof construction.**

A steel angle shall be placed directly on top of the roof construction. The roof supporting construction for the steel angle shall consist of not fewer than three 2-inch by 6-inch (51 mm by 152 mm) wood members for wood construction or three S50S162 cold-formed steel members for cold-formed steel light frame construction. A wood member abutting the vertical wall stud construction shall be anchored with not fewer than three 5/8-inch (15.8 mm) diameter by 5-inch (127 mm) lag screws to every wood stud spacing. Each additional wood roof member shall be anchored by the use of two 10d nails at every wood stud spacing. A cold-formed steel member abutting the vertical wall stud shall be anchored with not fewer than nine No. 8 screws to every cold-formed steel stud. Each additional cold-formed steel roof member shall be anchored to the adjoining roof member using two No. 8 screws at every stud spacing. Not less than two-thirds the width of the masonry veneer thickness shall bear on the steel angle. Flashing and weep holes shall be located in the masonry veneer wythe in accordance with Figure R703.8.2.2. The maximum height of the masonry veneer above the steel angle support shall be 12 feet 8 inches (3861 mm). The airspace separating the masonry veneer from the wood backing shall be in accordance with Sections R703.8.4 and R703.8.4.2. The support for the masonry veneer shall be constructed in accordance with Figure R703.8.2.2.

The maximum slope of the roof construction without stops shall be 7:12. Roof construction with slopes greater than 7:12 but not more than 12:12 shall have stops of a minimum 3-inch by 3-inch by 1/2-inch (76 mm by 76 mm by 6.4 mm) steel plate welded to the angle at 24 inches (610 mm) on center along the angle or as approved by the building official.

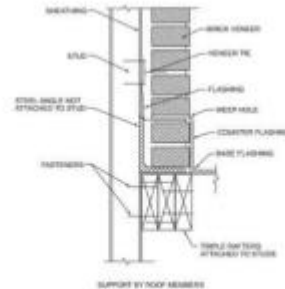
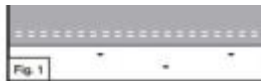


FIGURE R703.8.2.2 EXTERIOR MASONRY VENEER SUPPORT BY ROOF MEMBERS

6 6-Flat roof edge metal



Do not nail along the edges at this time (edge metal will be added later), only in the center. If additional pieces are needed to complete the starter course, continue to install each piece overlapping the preceding piece by 6 inches. Nail in the middle of the 6 inch end lap at 6 inches on center.

**Step 6.** When the eaves starter sections are completed, position the next course (and all subsequent courses) by overlapping the previous course by 3 or 4 inches. Install metal cap nails at 6 inches on center in the 3 or 4 inch side lap.

All additional courses will require 2 rows of nails at 6 inches on center, evenly spaced vertically, and staggered down the center of the sheet. All end laps should be overlapped a minimum 6 inches. See Fig. 1

When installing each course stagger the end laps by 36 inches between courses.

**Edge Metal Install**

For 2 ply systems, the edge metal is installed directly over the base sheet. For a 3 ply system, the edge metal is installed over the second ply (layer).

1. The edge metal must be minimum 24 gauge galvanized steel or 0.040 inch formed aluminum, primed with either an asphaltic primer that meets ASTM D41 or a commercially available water-based acrylic primer.
2. The roof flange of the edge metal should be 3 or 4 inches wide.
3. Primed edge metal must be dry to the touch before membrane application.
4. Install the roof flange of the edge metal

**Owens Corning® DeckSeal SA Base/Ply**

This product is to be used under Owens Corning® DeckSeal SA SBS Cap

**Do not use Owens Corning® DeckSeal SA Base/Ply in a torch down application.**

**Storage**

Owens Corning® DeckSeal SA Base/Ply self-adhered membrane should be stored at room temperature whenever possible. Do not store out of the box for prolonged periods, or in temperatures above 90°F (32°C). Do not remove the roll from the box until it is to be installed.

**Precautionary Notes**

Owens Corning Roofing recommends adherence to OSHA safety regulations.

DeckSeal SA Base/Ply is designed to be installed on roof slopes between 1/4:12 and 2:12 and is to be applied directly to an exterior grade of Plywood or OSB when used as a base sheet in a 2 ply system, or Owens Corning® DeckSeal MA NailBase when used as the second ply in a 3 ply system.

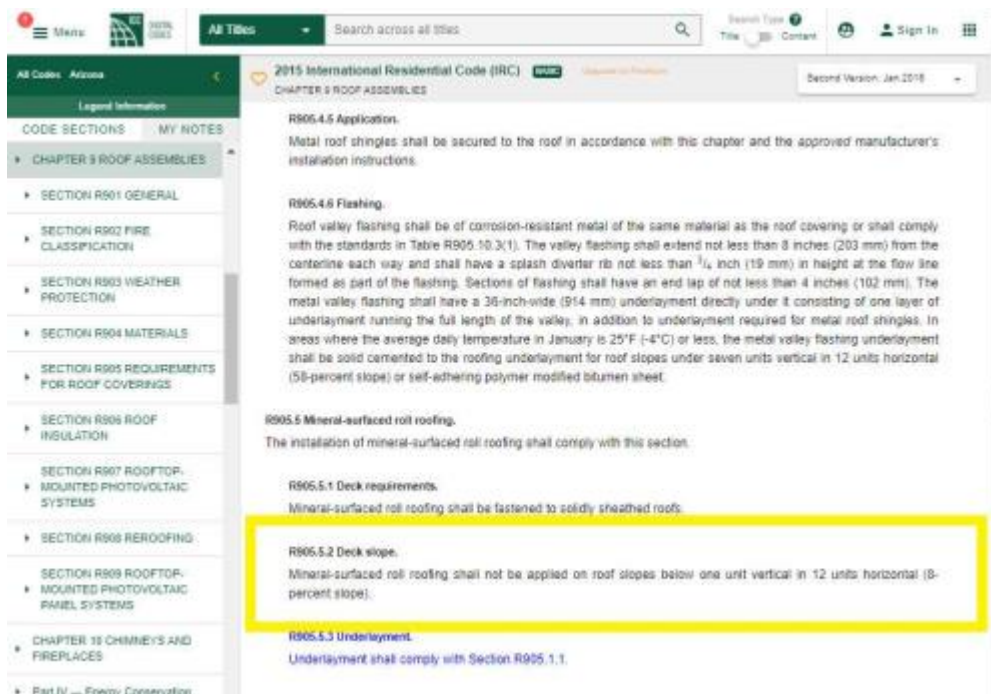
**Note:** When installing DeckSeal SA Base/Ply, existing Plywood and/or OSB must be primed with either an asphaltic primer that meets ASTM D41 or a commercially available water-based acrylic primer. New plywood and DeckSeal MA NailBase do not need to be primed.

**Note:** Any primed substrate must be fully dry prior to installation. Refer to manufacturer's recommendations. Plywood must be minimum 1 5/8 inch and OSB minimum 3/4 inch. Check local codes.

- Apply only when the weather is dry and the ambient temperature is 45°F (7°C) and rising. Do not install when water in any form (i.e. rain, dew, ice, frost,

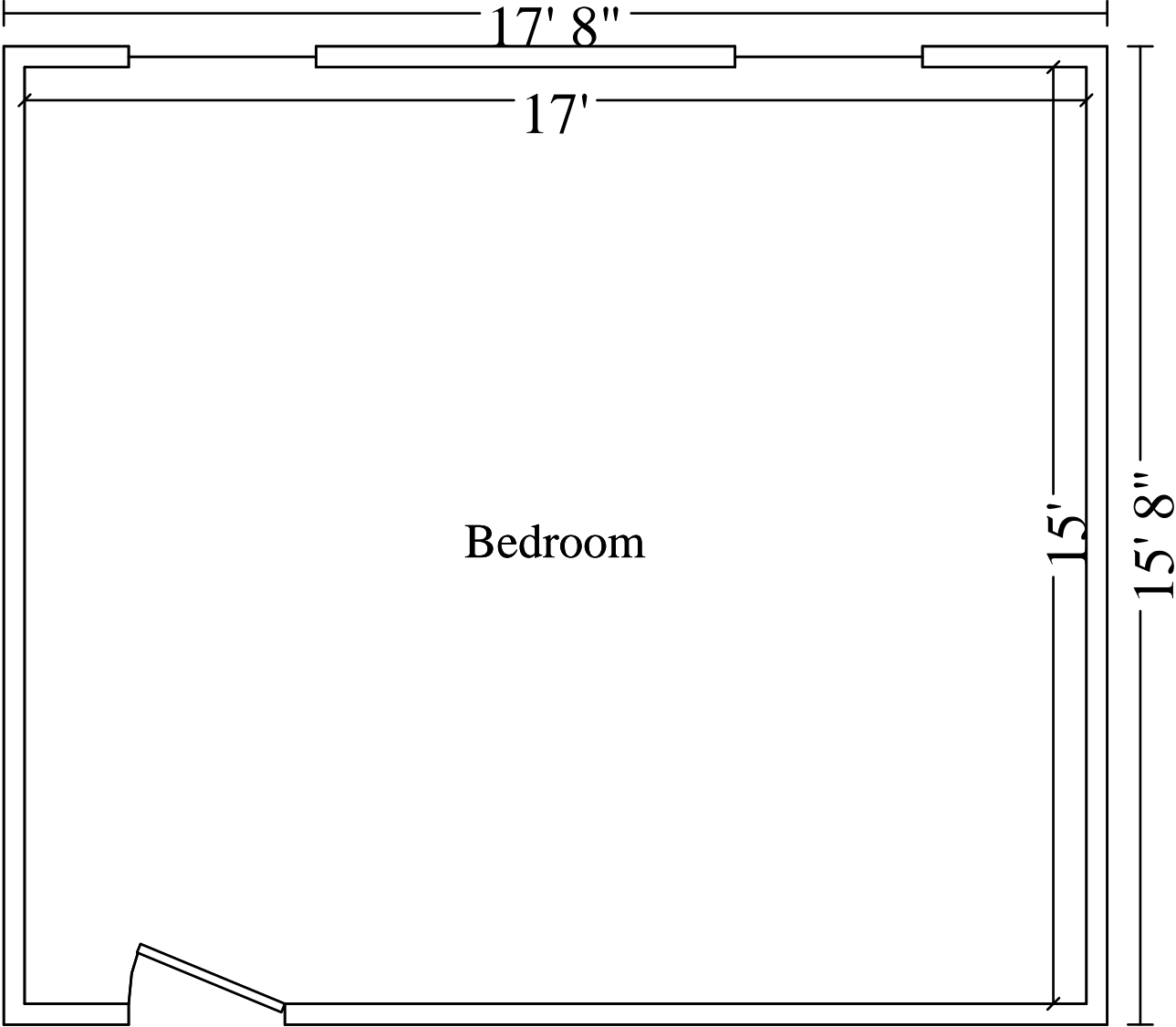
**FLAT LOW SLOPE**

7 7-Mod bit requirement



8 8-Door and window flashing  
Date Taken: 7/8/2020





Main Level





REPORT # 88802

# ROOFING CODE REPORT



ZESTIMATE®	\$804,430
HOME SIZE	2,890 SF
DATE BUILT	1974
FLOORS	2

See more details for [10694 E Powers Dr](#) on Zillow



CEILING	50 FT
RESTRICTED AREA	NO
FAA AUTHORIZATION	YES

## About OneClick Code

OneClick Code is a third-party verifier and provider of jurisdiction particular building codes. All Code Reports include adopted building codes specific to the controlling municipality of the given street address.

Our team has aggregated immense amounts of building code data throughout the United States. Combined with digital geospatial data we are able to provide up-to-date building code information that can be used to make real-world decisions.

OneClick Code's mission is to provide transparency of local building codes to help ensure safe and consistent construction practices and standards. The preceding OneClick Code Report, as well as the following code detail information, have been gathered and affirmed by OneClick Code to the best of its ability. For any questions regarding specific building codes in this report please contact the local controlling municipality.

BUILDING PERMIT ISSUED BY

# ARAPAHOE COUNTY

[WWW.ARAPAHOEGOV.COM](http://WWW.ARAPAHOEGOV.COM)

720-874-6500

PROPERTY ADDRESS

10694 E Powers Dr  
Englewood CO 80111

SALES TAX

4.25%

Code Enforced

YES

Install Per Roofing  
Manufacturer Specifications

YES

### 2015 IRC

DRIP EDGE	YES
VALLEY LINER	YES
UNDERLAYMENT	YES
ICE & WATER SHIELD ON EAVES†	NO

### 2015 IBC

DRIP EDGE	YES
VALLEY LINER	YES
UNDERLAYMENT	YES
ICE & WATER SHIELD ON EAVES†	NO

### 2009 IECC

RESIDENTIAL		COMMERCIAL	
CEILING	R-38	INSULATION ABOVE	R-20 CI
WOOD FRAME WALL	R-20 OR R-13 + R-5	ATTIC/OTHER	R-38

ELEVATION  
**5,707**  
FT

CLIMATE ZONE  
**5**  
DRY

HAIL EXPOSURE  
**MODERATE**  
1.5 - 5.0 IN

REPORT CREATED 8/8/2020 MT

**Property Address:** 10694 E Powers Dr, Englewood, CO 80111

**Building Permits Issued By:** Arapahoe County

- County: Arapahoe

**Total Sales Tax:** 4.25%

- Colorado State: 2.9%
- County: 0.25%
- District(s): 1.1%

Arapahoe County has adopted the following codes:

- 2015 International Residential Code (IRC)
- 2015 International Building Code (IBC)
- 2009 International Energy Conservation Code (IECC)

*OneClick Code has confirmed that building permits for the above property address are issued and building codes are enforced by Arapahoe County.*

#### **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 conformance 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.

#### **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 includes the roof deck, vapor retarder, substrate or thermal barrier, insulation, vapor retarder, and roof covering.

*OneClick Code has confirmed with Arapahoe County that all roofing assemblies are to be installed per manufacturer specifications.*

#### **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.

#### **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.

*OneClick Code has confirmed with Arapahoe County that an underlayment is required.*

#### **R905.1.1 Underlayment.**

Underlayment for asphalt shingles, clay and concrete tile, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles, wood shakes and metal roof panels 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).



*OneClick Code has confirmed with Arapahoe County that an underlayment is required.*

### **R905.1.1 Underlayment.**

Underlayment for asphalt shingles, clay and concrete tile, metal roof shingles, mineral-surfaced roll roofing, slate and slate-type shingles, wood shingles, wood shakes and metal roof panels 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).

#### **TABLE R905.1.1(2) UNDERLAYMENT APPLICATION - Asphalt Shingles**

For roof slopes from two units vertical in 12 units horizontal (2:12), up to four 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. For roof slopes of four 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.

*OneClick Code has confirmed with Arapahoe County that an ice barrier (ice and water shield) is not required on eaves.*

*OneClick Code has confirmed with Arapahoe County that valley liners are required.*

### **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 D 3909 or ASTM D 6380 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 D 6380 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 D 1970 shall be permitted in lieu of the lining material.

*OneClick Code has confirmed with Arapahoe County that drip edge is required.*

### **R905.2.8.5 Drip edge.**

A drip edge shall be provided at eaves and rake edges of shingle roofs. Adjacent segments of drip edge shall be overlapped not less than 2 inches (51 mm). Drip edges shall extend not less than 1/4 inch (6.4 mm) below the roof sheathing and extend up back onto the roof deck not less than 2 inches (51 mm). Drip edges shall be mechanically fastened to the roof deck at not more than 12 inches (305 mm) o.c. with fasteners as specified in Section R905.2.5. Underlayment shall be installed over the drip edge along the eaves and under the drip edge along rake edges.



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† Although an ice barrier is not required by Arapahoe County, section R905.1.2 states that if there is a history of ice damming at the property listed above, an ice barrier could be required. Please check with Arapahoe County for additional details.

Roof systems shall be designed and installed in accordance with Arapahoe County and the approved manufacturer's installation instructions such that the roof system shall serve to protect the building or structure. The professional performing the repairs shall act in accordance with the standard of care to ensure today's methods, standards and practices are adhered to. Deviation from such or instructing one to deviate can result in a defect and is subject to an enforceable violation of Arapahoe County building codes. The information provided by the OneClick Code application is, in part, created from publicly available information. OneClick Code does not warrant the accuracy, completeness, or usefulness of this information. Any reliance you place on such information is strictly at your own risk. © Zillow, Inc., 2006-2021. Use is subject to [Terms of Use](#). [What's a Zestimate?](#) The report above is copyright of OneClick Code ©2020. Reproduction and distribution is strictly prohibited without the written permission of OneClick Code.