

## Request For Bids

Bandera County is requesting bids to replace the metal roof on the Bandera County Library located at 515 Main St. Bandera, TX.

Bid specifications may be picked up at the County Judge's Office, 500 Main St, Bandera, TX or online at <https://www.banderacounty.org/page/Bandera%20County%20Bid%20Listing>

Bids must be received by 5:00pm, October 10, 2023 by courier or hand-delivery at 500 Main St. Bandera, TX or by mail at P.O. Box 877 Bandera, TX 78003. Address bids to Richard Evans, County Judge.

Bids will be opened October 12, 2023 at 10:00am during the regularly scheduled Commissioners Court Meeting at 500 Main St, Bandera, TX.

Richard Evans  
County Judge  
830-796-3781

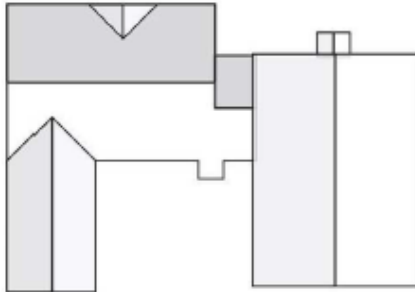
# Roof Replacement Project

## Bandera County Library

The below specifications are the minimum that should be included in your bid:

- Roofing surface to be 24 gauge galvanized metal
- Double munch hip and ridge
- High-temp peel and stick underlayment
- Pop rivets on all flashings
- Solder all joints and seams
- Lead pipe jacks soldered
- Step flashing with reglets on masonry
- Decking to be inspected and repaired or replaced as necessary
- Gutters to be removed and replaced if necessary
- Turbine roof vents to be inspected and replaced if necessary
- Ground area supervision for pedestrians and work area safety
- Fall protection to be used at all times
- Proof of Workers Comp. Insurance
- 20 year NDL water tightness warranty

Attached is an Eagleview Report on the building's roof that details lengths, areas, and pitches.



In this 3D model, facets appear as semi-transparent to reveal overhangs.

## TABLE OF CONTENTS

Images .....	1
Length Diagram .....	4
Pitch Diagram .....	5
Area Diagram .....	6
Notes Diagram.....	7
Report Summary.....	8

## MEASUREMENTS

Total Roof Area =9,051 sq ft  
Total Roof Facets =11  
Predominant Pitch =5/12  
Number of Stories >1  
Total Ridges/Hips =222 ft  
Total Valleys =72 ft  
Total Rakes =271 ft  
Total Eaves =348 ft

Measurements provided by [www.eagleview.com](http://www.eagleview.com)



Certified Accurate

[www.eagleview.com/Guarantee.aspx](http://www.eagleview.com/Guarantee.aspx)

## IMAGES

The following aerial images show different angles of this structure for your reference.

Top View



# IMAGES

North Side



South Side



# IMAGES

East Side



West Side



# LENGTH DIAGRAM

Total Line Lengths:

**Ridges = 222 ft**

Hips = 0 ft

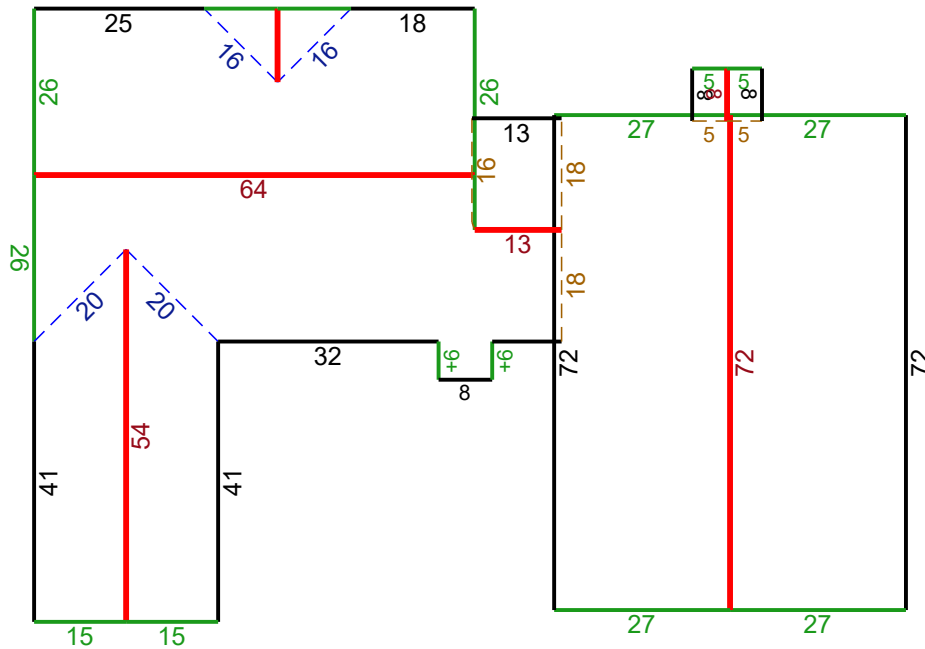
Valleys = 72 ft

Rakes = 271 ft

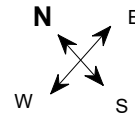
Eaves = 348 ft

Flashing = 0 ft

Step flashing = 64 ft

**Parapets = 0 ft**


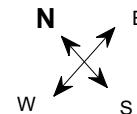
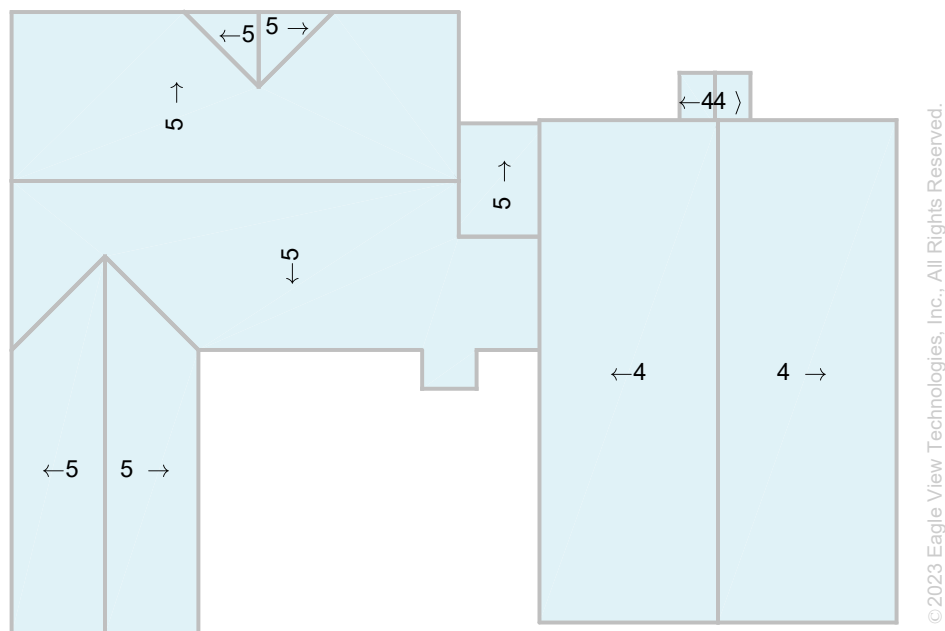
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**Note:** This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

# PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 5/12

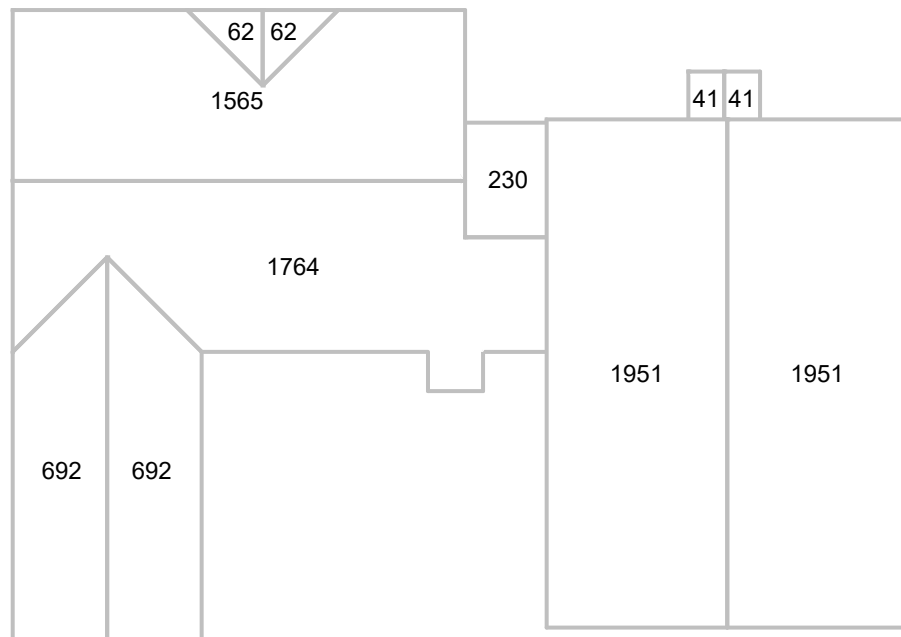


Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

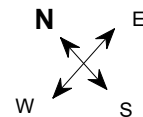


# AREA DIAGRAM

Total Area = 9,051 sq ft, with 11 facets.



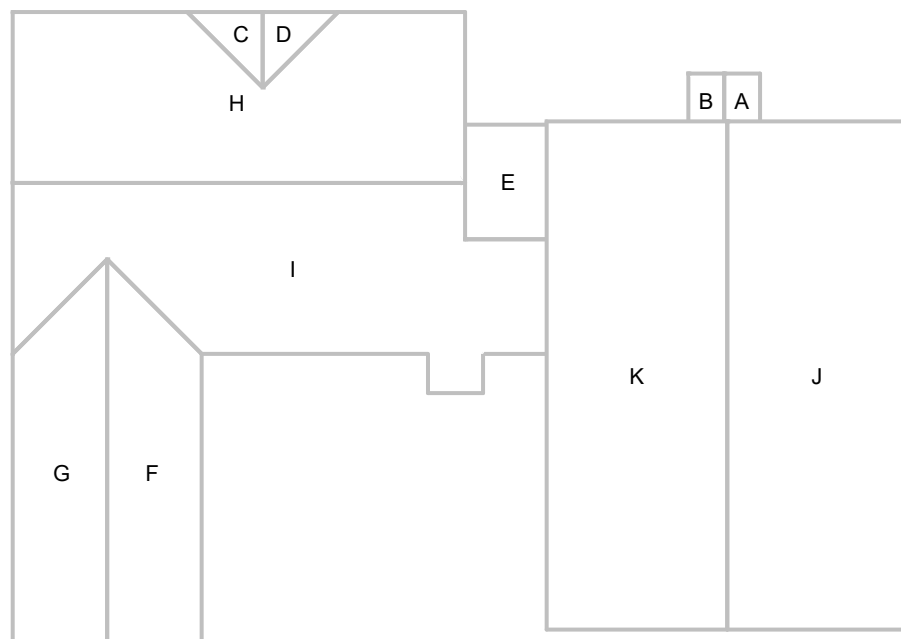
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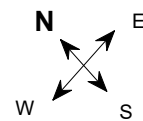
**Note:** This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

# NOTES DIAGRAM

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



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# REPORT SUMMARY

## All Structures

### Areas per Pitch

<b>Roof Pitches</b>	4/12	5/12
<b>Area (sq ft)</b>	3983.6	5066.7
<b>% of Roof</b>	44%	56%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

### Structure Complexity

Simple	Normal	Complex
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### Waste Calculation

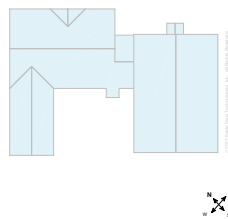
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the **Lengths, Areas, and Pitches** section below.

Waste %	0%	1%	4%	6%	8%	11%	16%	21%	26%
Area (Sq ft)	<b>9051</b>	9142	9414	<b>9595</b>	9776	10047	10500	10952	11405
Squares *	<b>90.66</b>	91.66	94.33	<b>96.00</b>	98.00	100.66	105.00	109.66	114.33
	<b>Measured</b>			<b>Suggested</b>					

\* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

## All Structures Totals



Total Roof Facets = 11

### Lengths, Areas and Pitches

Ridges = 222 ft (6 Ridges)  
 Hips = 0 ft (0 Hips).  
 Valleys = 72 ft (4 Valleys)  
 Rakes† = 271 ft (16 Rakes)  
 Eaves/Starter‡ = 348 ft (12 Eaves)  
 Drip Edge (Eaves + Rakes) = 619 ft (28 Lengths)  
 Parapet Walls = 0 (0 Lengths).  
 Flashing = 0 ft (0 Lengths)  
 Step flashing = 64 ft (6 Lengths)  
 Predominant Pitch = 5/12  
**Total Area (All Pitches) = 9,051 sq ft**

### Property Location

Longitude = -99.0733638  
 Latitude = 29.7262649

### Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

† Rakes are defined as roof edges that are sloped (not level).  
 ‡ Eaves are defined as roof edges that are not sloped and level.

515 Main Street, Bandera, TX 78003

Report: 53911448

**Online Maps**

Online map of property

[http://maps.google.com/maps?f=q&source=s\\_q&hl=en&geocode=&q=515+Main+Street,Bandera,TX,78003](http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=515+Main+Street,Bandera,TX,78003)

Directions from ABC Supply to this property

[http://maps.google.com/maps?f=d&source=s\\_d&saddr=1+ABC+Parkway,Beloit,WI,53511&daddr=515+Main+Street,Bandera,TX,78003](http://maps.google.com/maps?f=d&source=s_d&saddr=1+ABC+Parkway,Beloit,WI,53511&daddr=515+Main+Street,Bandera,TX,78003)

515 Main Street, Bandera, TX 78003

Report: 53911448

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Contractors agree to always conduct a preliminary site survey to verify Roof Report ordered. In the event of an error in a Report, your sole remedy will be a refund of the fees paid by you to obtain this Report.