



# ROOF MEASUREMENT REPORT

549 Main Street, Placerville, CA 95667

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## Report Details

Date:	05/16/2018
Report:	22942437

## Roof Details

Total Area:	8,274 sq ft
Total Roof Facets:	16
Predominant Pitch:	4/12
Number of Stories:	>1
Total Ridges/Hips:	131 ft
Total Valleys:	0 ft
Total Rakes:	264 ft
Total Eaves:	325 ft
Total Penetrations:	19
Total Penetrations Perimeter:	134 ft
Total Penetrations Area:	66 sq ft

## Contact Us

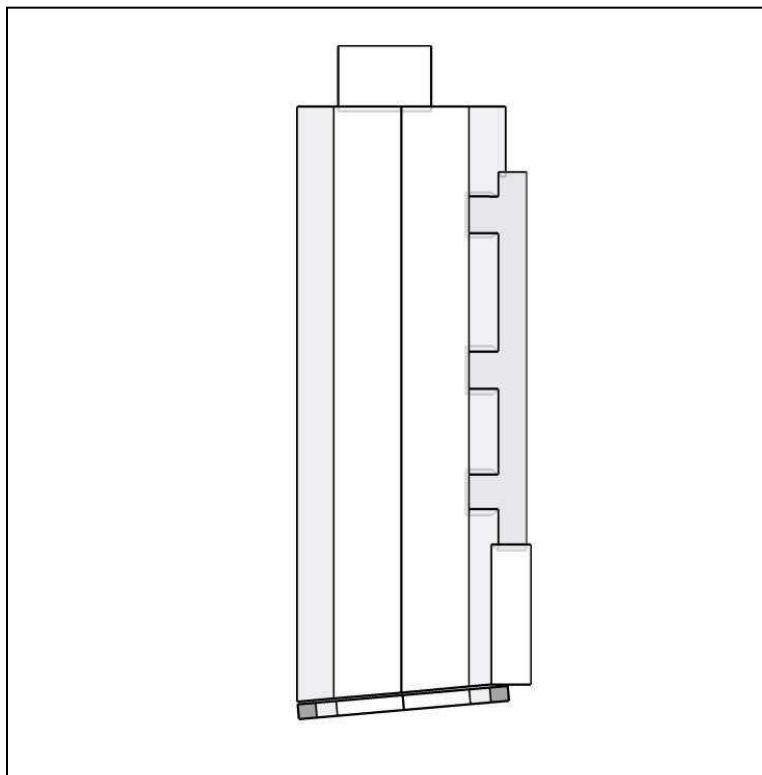
Contact:	Tim Samaniego
Company:	The Garland Company Inc.
Address:	3800 East 91st St Cleveland OH 44105
Phone:	216-641-7500

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



Certified Accurate

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



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

## REPORT IMAGES

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



**Top View**

## REPORT IMAGES



**North View**



**East View**

## REPORT IMAGES



**South View**

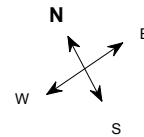
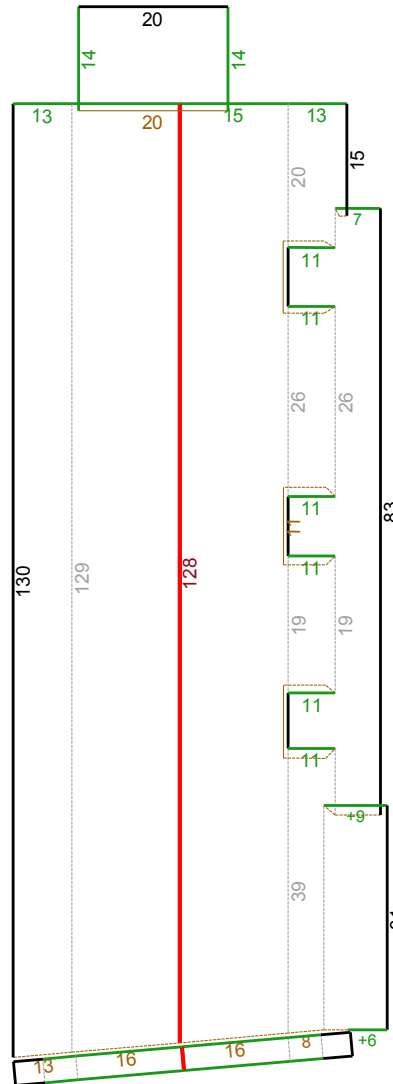


**West View**





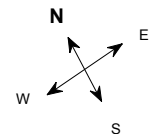
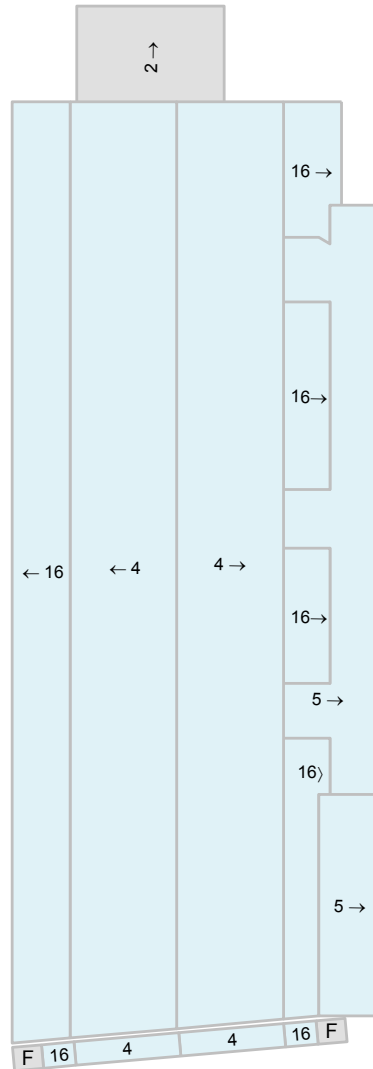
Total Line Lengths:      Ridges = 131 ft      Valleys = 0 ft      Flashing = 51 ft      Eaves = 325 ft  
   Hips = 0 ft      Rakes = 264 ft      Step flashing = 117 ft      Parapets = 0 ft



*Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5 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 4/12.

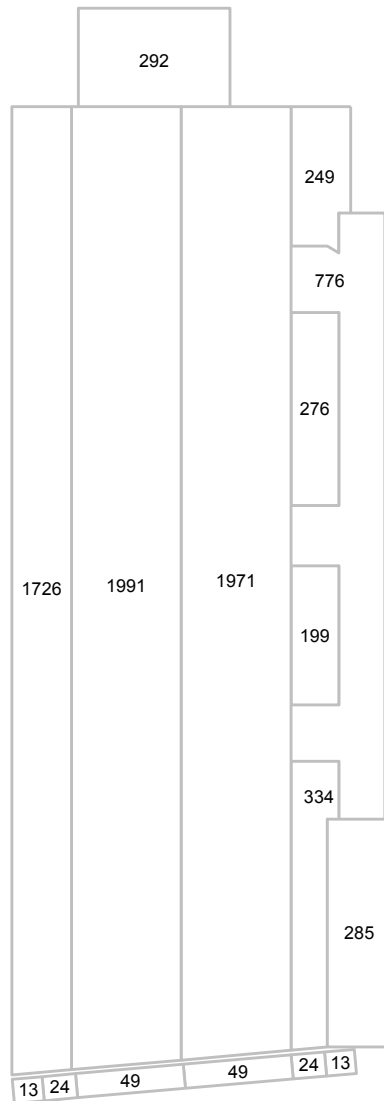


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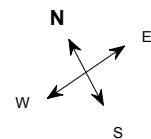
*Note: This diagram contains labeled pitches for facet areas larger than 20 square feet. In some cases, pitch labels have been removed for readability. Gray shading indicates flat, 1/12 or 2/12 pitches. If present, a value of "F" indicates a flat facet (no pitch).*

## AREA DIAGRAM

Total Area = 8,274 sq ft, with 16 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).*

## PENETRATIONS

### Penetrations Notes Diagram

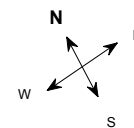
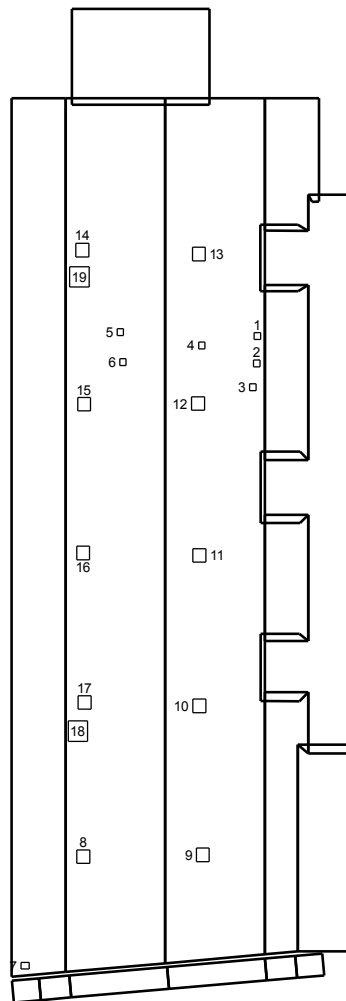
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations: 19

Total Penetrations Perimeter = 134 ft

Total Penetrations Area: 66 sq ft

Total Roof Area Less Penetrations = 8,208 sq ft



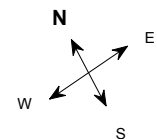
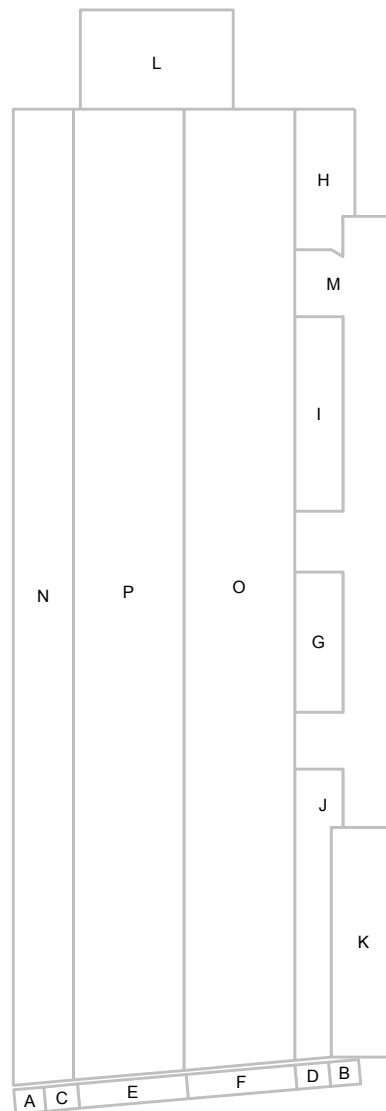
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*Note: Any measured penetration smaller than 3x3 feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.*



## NOTES DIAGRAM

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



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## Property Info



### Property Location

Longitude = -120.7976595

Latitude = 38.7295032

Online map of property:

[http://maps.google.com/maps?f=g&source=s\\_q&hl=en&geocode=&q=549+Main+Street,Placerville,CA,95667](http://maps.google.com/maps?f=g&source=s_q&hl=en&geocode=&q=549+Main+Street,Placerville,CA,95667)

### Property Info

Year Built:

Effective Year Built: \*

\*,



### Notes

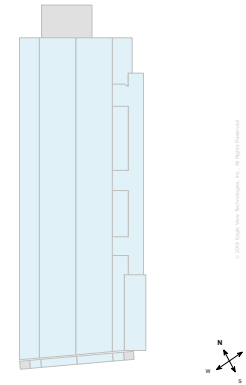
This was ordered as a commercial property. There were no changes to the structure in the past four years.

## REPORT SUMMARY

Below is a measurement summary using the values presented in this report.

### Lengths, Areas and Pitches

Ridge .....	131 ft (2 Ridges)
Hips .....	0 ft (0 Hips)
Valleys .....	0 ft (0 Valleys)
Rakes* .....	264 ft (23 Rakes)
Eaves/Starter** .....	325 ft (14 Eaves)
Drip Edge (Eaves + Rakes) .....	589 ft (37 Lengths)
Parapet Walls .....	0 ft (0 Lengths)
Flashing .....	51 ft (4 Lengths)
Step Flashing .....	117 ft (21 Lengths)
Total Area .....	8,274 sq ft
Total Penetrations Area .....	66 sq ft
Total Roof Area Less Penetrations .....	8,208 sq ft
Total Penetrations Perimeter .....	134 ft
Predominant Pitch .....	4/12



Total Roof Facets = 16

\*Rakes are defined as roof edges that are sloped (not level).

\*\* Eaves are defined as roof edges that are not sloped and level.

### Areas per Pitch

Roof Pitches	0/12	2/12	4/12	5/12	16/12
Area (sq ft)	25.8	292.4	4060.7	1061.6	2833.9
% of Squares	0.3%	3.5%	49.1%	12.8%	34.3%

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

### Waste Calculation Table

Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sq ft)	8,274	9,101	9,267	9,515	9,681	9,929	10,094
Squares	82.7	91.0	92.7	95.2	96.8	99.3	100.9

This table shows the total roof area and squares (rounded up to the nearest decimal) based upon different waste percentages. The waste factor is subject to the complexity of the roof, individual roofing techniques and your experience. Please consider this when calculating appropriate waste percentages. Note that only roof area is included in these waste calculations. Additional materials needed for ridge, hip, valley, and starter lengths are not included.

### Penetration Table

	1-6	7	8-17	18-19
Area (sq ft)	1	2	4	9
Perimeter (ft)	4	6	8	12

Any measured penetration smaller than 3x3 feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.