# Precise Aerial Roof Measurement Report

## Prepared for you by Eagleview



123 Main St. City, ST 12345

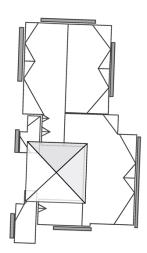


Eagleview 10900 NE 4th St Suite 800 Bellevue, WA 98004

John Doe Phone #. 555-555-5555 email: info@eagleview.com



### 123 Main St. City, ST 12345



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

Building: 1

### PREPARED FOR

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Phone: 555-555-555

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#### **MEASUREMENTS**

Total Roof Area =6,712 sq ft
Total Roof Facets =40
Predominant Pitch =1/12
Number of Stories >1
Total Ridges/Hips =221 ft
Total Valleys =252 ft
Total Rakes =0 ft
Total Eaves =345 ft
Estimated Attic=6,318 sq ft
Total Penetrations =70
Total Penetrations Perimeter = 363 ft
Total Penetrations Area = 233 sq ft

Measurements provided by www.eagleview.com



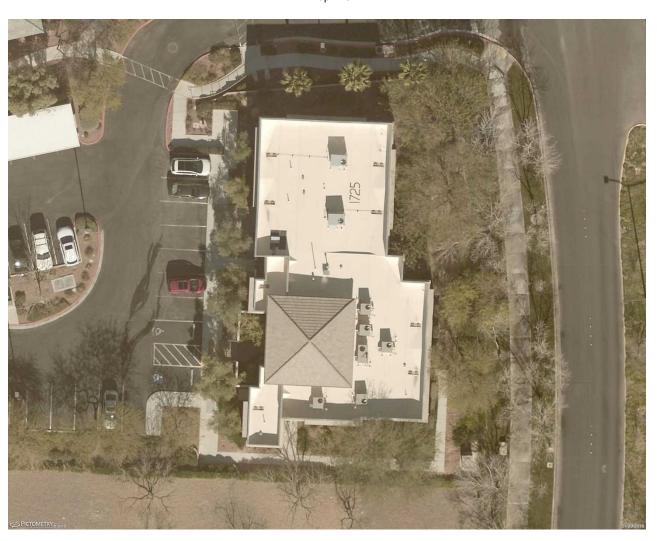


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## **IMAGES**

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

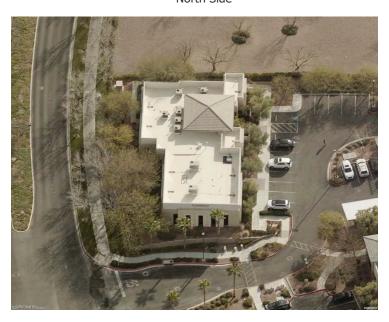
Top View



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# **IMAGES**

#### North Side



South Side



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# **IMAGES**

#### East Side



West Side





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### LENGTH DIAGRAM

Total Line Lengths:

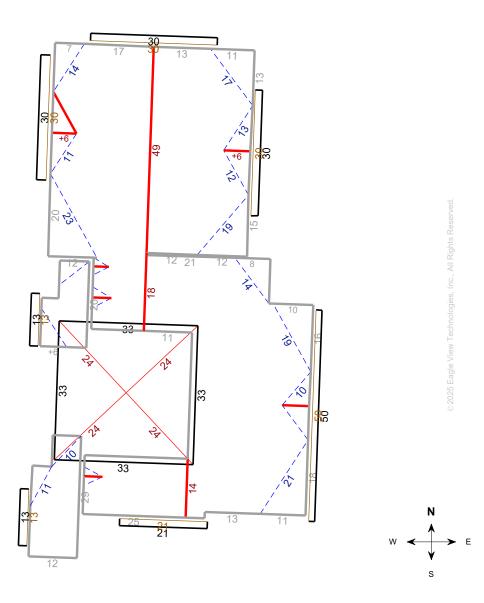
Ridges = 125 ft Hips = 96 ft Valleys = 252 ft

Rakes = 0 ft

Eaves = 345 ft

Flashing = 187 ft Step flashing = 0 ft

Parapets = 594 ft

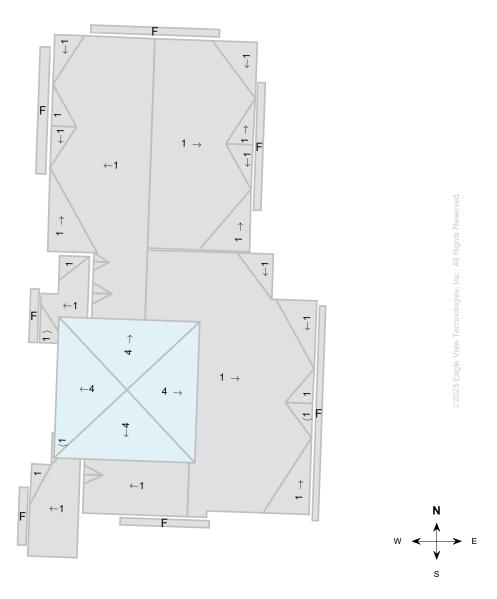


Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9). Refer to the Detailed Length Diagram, in the Appendix at the end of this report, for more details

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# PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 1/12



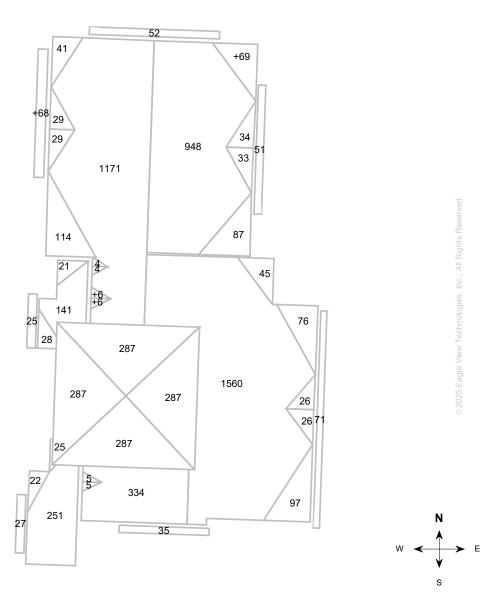
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater. Gray shading indicates flat, 1/12 or 2/12 pitches. If present, a value of "F" indicates a flat facet (no pitch).



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## **AREA DIAGRAM**

Total Area = 6,712 sq ft, with 40 facets.



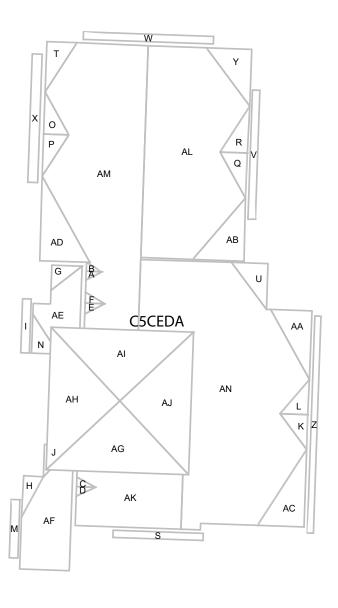
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).



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## **NOTES DIAGRAM**

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



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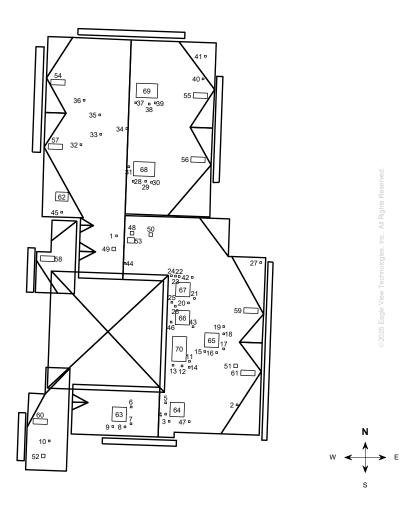
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## PENETRATIONS NOTES DIAGRAM

Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations = 70
Total Penetrations Perimeter = 363 ft

Total Penetrations Area = 233 sq ft Total Roof Area Less Penetrations = 6,479 sq ft





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## REPORT SUMMARY

#### **All Structures**

Areas per Pitch						
Roof Pitches	0/12	1/12	4/12			
Area (sq ft)	329.3	5234.4	1148.0			
% of Roof	4.9%	78%	17.1%			

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

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%	7%	12%	17%	20%	22%	24%	27%	32%
Area (Sq ft)	1148	1229	1286	1344	1378	1401	1424	1458	1516
Squares *	11.66	12.33	13.00	13.66	14.00	14.33	14.33	14.66	15.33
	Measured					Suggested			

<sup>\*</sup> 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.

Penetrations	1-20	21-47	48-52	53	54-61	62	63-67	68-69	70	
Area (sq ft)	0.2	0.3	1	3	6	8.8	16	24	28	
Perimeter (ft)	2	2	4	7	11	12	16	20	22	

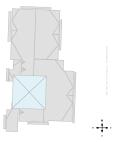
Any measured penetration smaller than 3.0x3.0 Feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.

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#### **All Structures Totals**



Total Roof Facets = 40 Total Penetrations = 70

### **Lengths, Areas and Pitches**

Ridges = 125 ft (11 Ridges)
Hips = 96 ft (4 Hips).
Valleys = 252 ft (22 Valleys)
Rakes<sup>†</sup> = 0 ft (0 Rakes)
Eaves/Starter<sup>‡</sup> = 345 ft (25 Eaves)
Drip Edge (Eaves + Rakes) = 345 ft (25 Lengths)
Parapet Walls = 594 (60 Lengths).
Flashing = 187 ft (7 Lengths)
Step flashing = 0 ft (0 Lengths)
Total Penetrations Area = 233 sq ft
Total Roof Area Less Penetrations = 6,479 sq ft
Total Penetrations Perimeter = 363 ft

Predominant Pitch = 1/12 **Total Area (All Pitches) = 6,712 sq ft** 

#### **Property Location**

Longitude = -115.2994663 Latitude = 36.1914185

#### **Notes**

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

Parapet Wall Area Table								
Wall Height (ft)	1	2	3	4	5	6	7	
Vertical Wall Area	594	1188	1782	2376	2970	3564	4158	

This table provides common parapet wall heights to aid you in calculating the total vertical area of these walls. Note that these values assume a 90 degree angle at the base of the wall. Allow for extra materials to cover cant strips and tapered edges.

<sup>†</sup> Rakes are defined as roof edges that are sloped (not level).

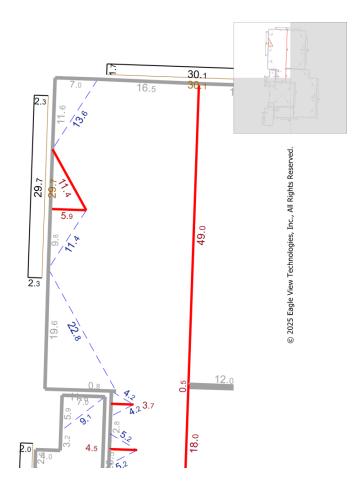
<sup>‡</sup> Eaves are defined as roof edges that are not sloped and level.



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## APPENDIX: DETAILED LENGTH DIAGRAM

### **Top Left Corner of the Length Diagram**

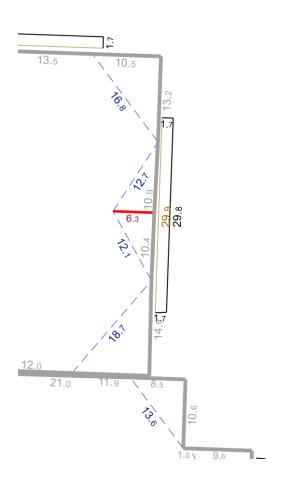


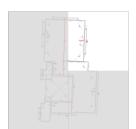


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### **Top Right Corner of the Length Diagram**





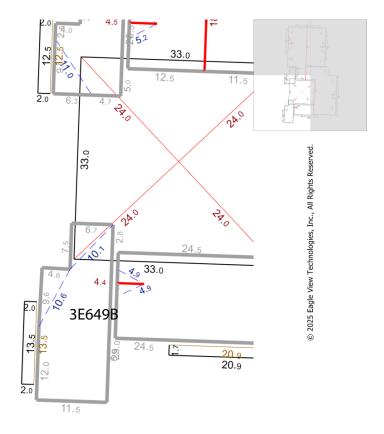
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## APPENDIX: DETAILED LENGTH DIAGRAM

### **Bottom Left Corner of the Length Diagram**

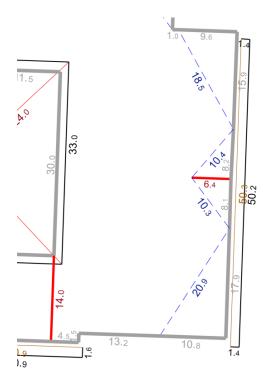


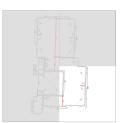


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# APPENDIX: DETAILED LENGTH DIAGRAM

### **Bottom Right Corner of the Length Diagram**





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6/17/2025

Report: 65889583

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