

# Precise Aerial Measurement

Prepared by EagleView

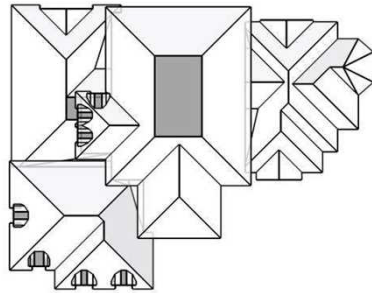


123 Main St., City, ST 00000



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

Claim: Suburban Residential

### PREPARED FOR

Contact: [blurred]  
 Company: [blurred]  
 Address: [blurred]  
 Phone: [blurred]

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### MEASUREMENTS

- Total Roof Area =6,204 sq ft
- Total Roof Facets =87
- Predominant Pitch =6/12
- Number of Stories >1
- Total Ridges/Hips =554 ft
- Total Valleys =373 ft
- Total Rakes =74 ft
- Total Eaves =461 ft
- Estimated Attic=5,252 sq ft
- Total Penetrations =17
- Total Penetrations Perimeter = 56 ft
- Total Penetrations Area = 19 sq 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

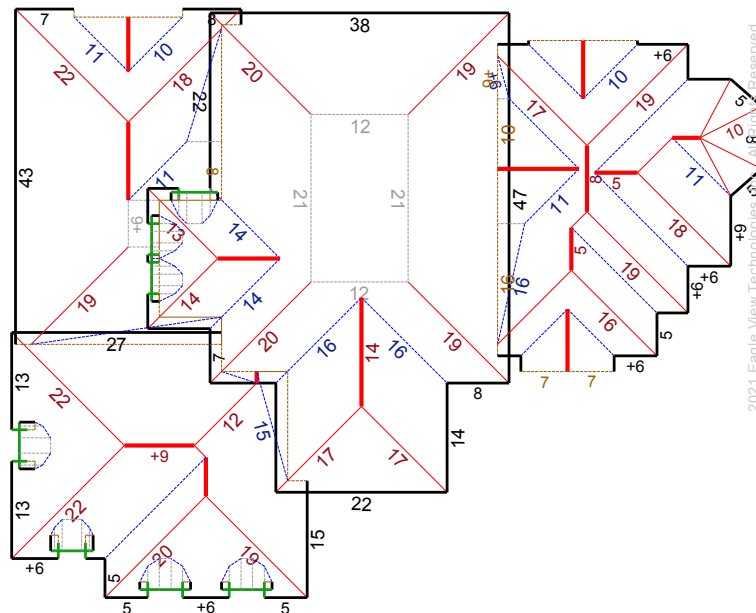


West Side

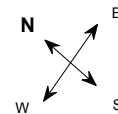


# LENGTH DIAGRAM

Total Line Lengths:

**Ridges = 104 ft**
**Hips = 450 ft**
**Valleys = 373 ft**
**Rakes = 74 ft**
**Eaves = 461 ft**
**Flashing = 44 ft**
**Step flashing = 186 ft**
**Parapets = 0 ft**


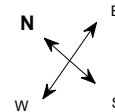
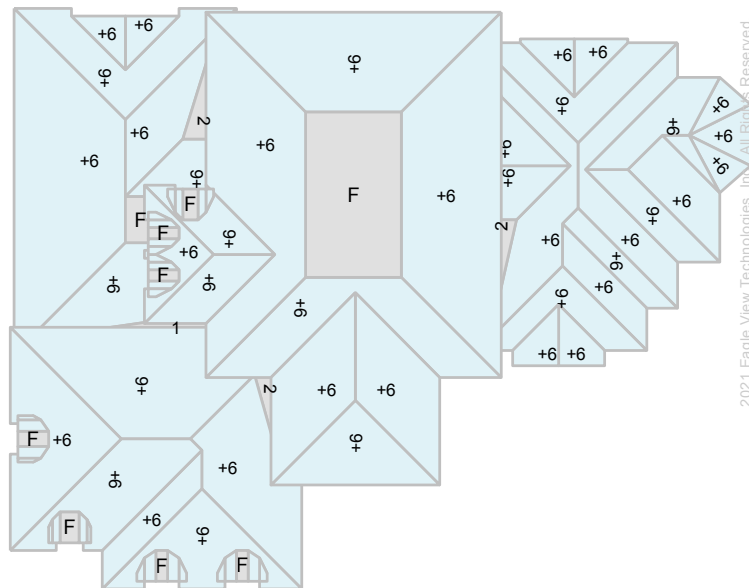
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Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

# PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 6/12



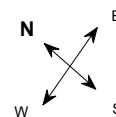
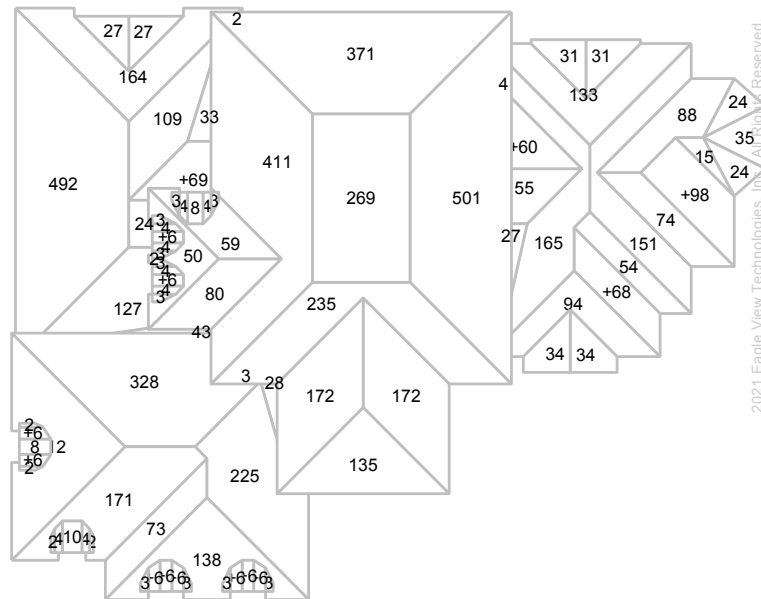
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater. Gray shading indicates flat, 1/12 or 2/12 pitches. If present, a value of "F" indicates a flat facet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

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**Report: SAMPLE**

# AREA DIAGRAM

Total Area = 6,204 sq ft, with 87 facets.

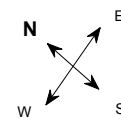
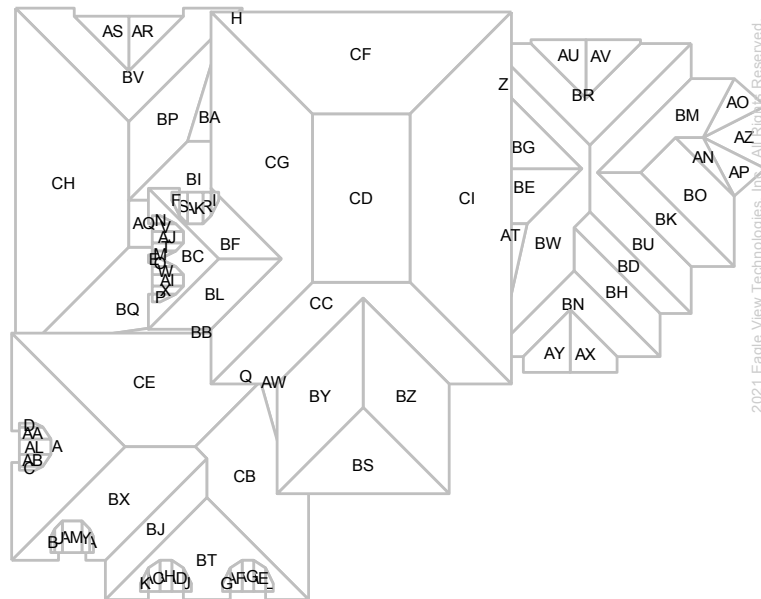


**Note:** This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).



# NOTES DIAGRAM

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



# PENETRATIONS NOTES DIAGRAM

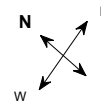
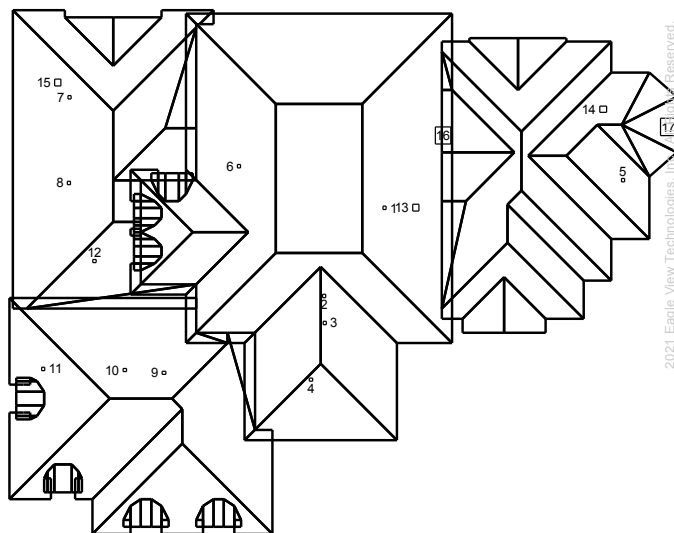
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations = 17

Total Penetrations Area = 19 sq ft

Total Penetrations Perimeter = 56 ft

Total Roof Area Less Penetrations = 6,185 sq ft



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Report: SAMPLE

## REPORT SUMMARY

### All Structures

| Areas per Pitch     |       |      |      |      |        |       |
|---------------------|-------|------|------|------|--------|-------|
| <b>Roof Pitches</b> | 0/12  | 1/12 | 2/12 | 4/12 | 6/12   | 12/12 |
| <b>Area (sq ft)</b> | 342.7 | 43.0 | 96.2 | 33.0 | 5653.1 | 35.2  |
| <b>% of Roof</b>    | 5.5%  | 0.7% | 1.6% | 0.5% | 91.1%  | 0.6%  |

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 |

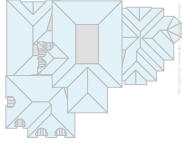
| Waste Calculation  |                 |       |       |       |       |                  |       |       |       |  |
|--|-----------------|-------|-------|-------|-------|------------------|-------|-------|-------|--|
| NOTE: This waste calculation table is for asphalt shingle roofing applications. 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 <b>Lengths, Areas, and Pitches</b> section below. |                 |       |       |       |       |                  |       |       |       |  |
| Waste %  | <b>0%</b>       | 12%   | 17%   | 22%   | 25%   | <b>27%</b>       | 29%   | 32%   | 37%   |  |
| Area (Sq ft)   | <b>5722</b>     | 6409  | 6695  | 6981  | 7153  | <b>7267</b>      | 7382  | 7554  | 7840  |  |
| Squares *  | <b>57.33</b>    | 64.33 | 67.00 | 70.00 | 71.66 | <b>73.00</b>     | 74.00 | 75.66 | 78.66 |  |
|  | <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.

| Penetrations          | 1-5 | 6-12 | 13-15 | 16-17 |  |  |  |  |  |  |
|-----------------------|-----|------|-------|-------|--|--|--|--|--|--|
| <b>Area (sq ft)</b>   | 0.2 | 0.3  | 1     | 6.2   |  |  |  |  |  |  |
| <b>Perimeter (ft)</b> | 2   | 2    | 4     | 10    |  |  |  |  |  |  |

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.

**All Structures Totals**


Total Roof Facets = 87  
 Total Penetrations = 17

**Lengths, Areas and Pitches**

Ridges = 104 ft (14 Ridges)  
 Hips = 450 ft (30 Hips).  
 Valleys = 373 ft (53 Valleys)  
 Rakes† = 74 ft (48 Rakes)  
 Eaves/Starter‡ = 461 ft (58 Eaves)  
 Drip Edge (Eaves + Rakes) = 535 ft (106 Lengths)  
 Parapet Walls = 0 (0 Lengths).  
 Flashing = 44 ft (20 Lengths)  
 Step flashing = 186 ft (30 Lengths)  
 Total Penetrations Area = 19 sq ft  
 Total Roof Area Less Penetrations = 6,185 sq ft  
 Total Penetrations Perimeter = 56 ft  
 Predominant Pitch = 6/12  
**Total Area (All Pitches) = 6,204 sq ft**

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