

# Precise Aerial Measurement Report

Prepared for you by Muth & Co. Roofing Inc.



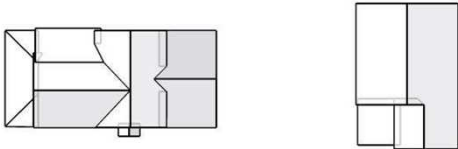
2702 Bellwood Ave, Columbus, OH 43209-1016



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

Claim: Allwein, Kate & Nate

### PREPARED FOR

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### MEASUREMENTS

Total Roof Area =2,636 sq ft  
 Total Roof Facets =17  
 Predominant Pitch =12/12  
 Number of Stories <=1  
 Total Ridges/Hips =123 ft  
 Total Valleys =43 ft  
 Total Rakes =198 ft  
 Total Eaves =204 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

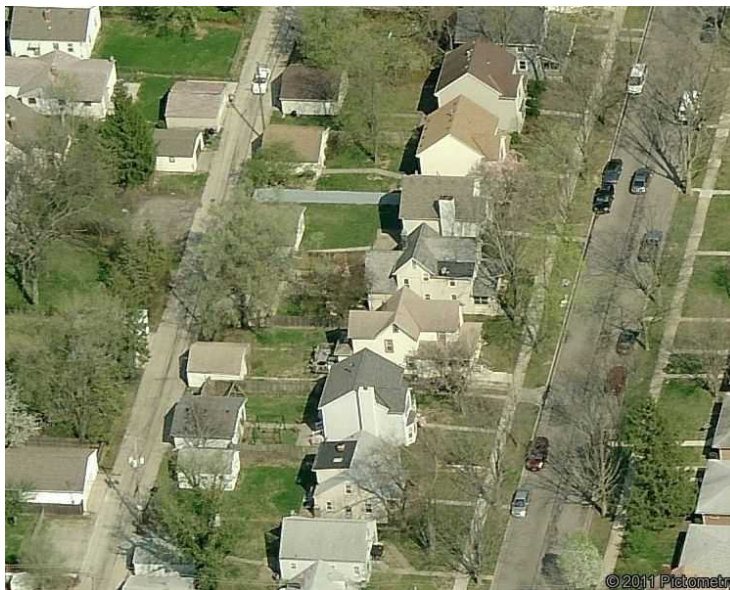


# IMAGES

East Side

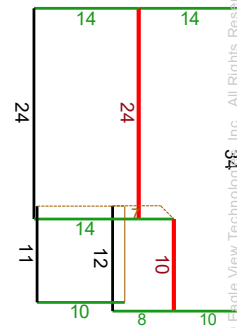
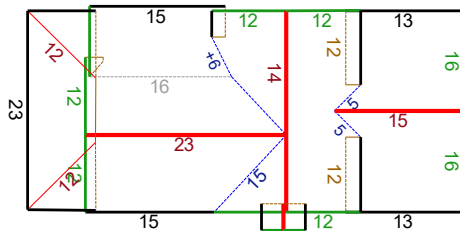


West Side

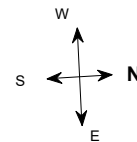


# LENGTH DIAGRAM

Total Line Lengths:

**Ridges = 99 ft**
**Hips = 24 ft**
**Valleys = 43 ft**
**Rakes = 198 ft**
**Eaves = 204 ft**
**Flashing = 26 ft**
**Step flashing = 75 ft**
**Parapets = 0 ft**


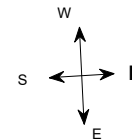
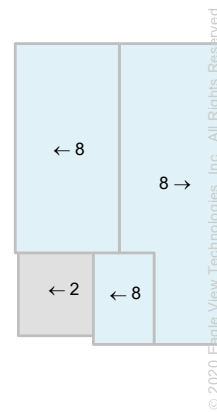
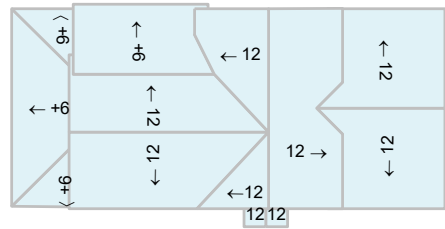
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**Note:** This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

# PITCH DIAGRAM

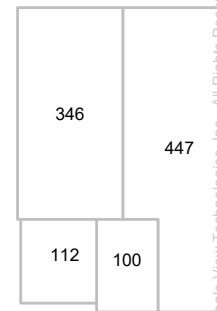
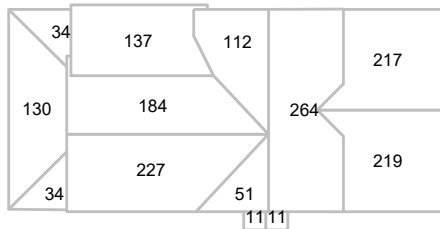
Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 12/12



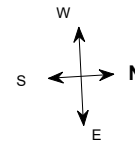
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater. Gray shading indicates flat, 1/12 or 2/12 pitches.

# AREA DIAGRAM

Total Area = 2,636 sq ft, with 17 facets.



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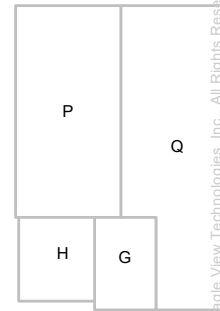
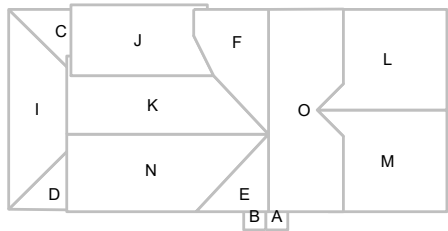


**Note:** This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

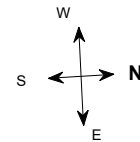


# NOTES DIAGRAM

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



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Note: This diagram also appears in the Property Owner Report.

## REPORT SUMMARY

### Structure #1

Areas per Pitch		
<b>Roof Pitches</b>	12/12	6/12
<b>Area (sq ft)</b>	1296.5	335
<b>% of Roof</b>	79.5%	20.5%

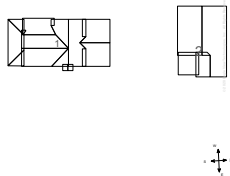
The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

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>	5%	10%	13%	<b>15%</b>	17%	20%	25%	30%
Area (Sq ft)	<b>1632</b>	1714	1796	1845	<b>1877</b>	1910	1959	2040	2122
Squares *	<b>16.33</b>	17.33	18.00	18.66	<b>19.00</b>	19.33	19.66	20.66	21.33
	<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.



Total Roof Facets = 13

#### Lengths, Areas and Pitches

Ridges = 64 ft (5 Ridges)  
 Hips = 24 ft (2 Hips)  
 Valleys = 43 ft (5 Valleys)  
 Rakes† = 122 ft (11 Rakes)  
 Eaves/Starter‡ = 122 ft (12 Eaves)  
 Drip Edge (Eaves + Rakes) = 244 ft (23 Lengths)  
 Parapet Walls = 0 (0 Lengths)  
 Flashing = 15 ft (5 Lengths)  
 Step flashing = 56 ft (9 Lengths)  
 Predominant Pitch = 12/12

**Total Area (All Pitches) = 1632 sq ft**

#### Property Location

Longitude = -82.9306758  
 Latitude = 39.9803493

#### 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.

## REPORT SUMMARY

### Structure #2

#### Areas per Pitch

<b>Roof Pitches</b>	8/12	2/12
<b>Area (sq ft)</b>	892.8	111.5
<b>% of Roof</b>	88.9%	11.1%

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
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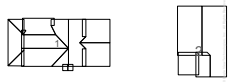
#### Waste Calculation

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 %	<b>0%</b>	4%	7%	<b>9%</b>	11%	14%	19%	24%	29%
Area (Sq ft)	<b>893</b>	929	956	<b>974</b>	992	1019	1063	1108	1152
Squares *	<b>9.00</b>	9.33	9.66	<b>10.00</b>	10.00	10.33	10.66	11.33	11.66
	<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.



Total Roof Facets = 4

#### Lengths, Areas and Pitches

Ridges = 35 ft (2 Ridges)  
 Hips = 0 ft (0 Hips)  
 Valleys = 0 ft (0 Valleys)  
 Rakes† = 77 ft (7 Rakes)  
 Eaves/Starter‡ = 82 ft (4 Eaves)  
 Drip Edge (Eaves + Rakes) = 159 ft (11 Lengths)  
 Parapet Walls = 0 (0 Lengths)  
 Flashing = 11 ft (1 Lengths)  
 Step flashing = 20 ft (3 Lengths)  
 Predominant Pitch = 8/12

**Total Area (All Pitches) = 1005 sq ft**

#### Property Location

Longitude = -82.9306758  
 Latitude = 39.9803493

#### 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.

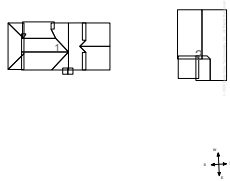
## REPORT SUMMARY

### All Structures

Areas per Pitch				
Roof Pitches	2/12	6/12	8/12	12/12
Area (sq ft)	111.5	335.0	892.8	1296.6
% of Roof	4.2%	12.7%	33.9%	49.2%

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

### All Structures Totals



Total Roof Facets = 17

#### Lengths, Areas and Pitches

Ridges = 99 ft (7 Ridges)  
 Hips = 24 ft (2 Hips).  
 Valleys = 43 ft (5 Valleys)  
 Rakes<sup>†</sup> = 198 ft (18 Rakes)  
 Eaves/Starter<sup>‡</sup> = 204 ft (16 Eaves)  
 Drip Edge (Eaves + Rakes) = 402 ft (34 Lengths)  
 Parapet Walls = 0 (0 Lengths).  
 Flashing = 26 ft (6 Lengths)  
 Step flashing = 75 ft (12 Lengths)  
 Predominant Pitch = 12/12

**Total Area (All Pitches) = 2,636 sq ft**

#### Property Location

Longitude = -82.9306758

Latitude = 39.9803493

#### Notes

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

Measurements by Structure									
Structure	Area (sq ft)	Ridges (ft)	Hips (ft)	Valleys (ft)	Rakes (ft)	Eaves (ft)	Flashing (ft)	Step Flashing (ft)	Parapets (ft)
1	1632	64	24	43	122	122	15	56	0
2	1004	35	0	0	77	82	11	20	0

All values in this table are rounded up to the nearest Foot for each separate structure. Measurement totals displayed elsewhere in this report are added together before rounding which may cause totals to differ.

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

### Online Maps

Online map of property

[http://maps.google.com/maps?f=q&source=s\\_q&hl=en&geocode=&q=2702+Bellwood+Ave,Columbus,OH,43209-1016](http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=2702+Bellwood+Ave,Columbus,OH,43209-1016)

Directions from Muth & Co. Roofing Inc. to this property

[http://maps.google.com/maps?f=d&source=s\\_d&saddr=5951+Westerville+Rd,Westerville,OH,43081&daddr=2702+Bellwood+Ave,Columbus,OH,43209-1016](http://maps.google.com/maps?f=d&source=s_d&saddr=5951+Westerville+Rd,Westerville,OH,43081&daddr=2702+Bellwood+Ave,Columbus,OH,43209-1016)

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

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



