



# ROOF MEASUREMENT REPORT

3603 Hamilton Middletown Rd, Hamilton, OH 45011

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## Report Details

Date:	03/22/2023
Report:	51251487
Building:	2

## Roof Details

Total Area:	106,817 sq ft
Total Roof Facets:	19
Predominant Pitch:	0/12
Number of Stories:	<=1
Total Ridges/Hips:	0 ft
Total Valleys:	0 ft
Total Rakes:	102 ft
Total Eaves:	289 ft
Total Penetrations:	86
Total Penetrations Perimeter:	2,156 ft
Total Penetrations Area:	5,053 sq ft

## Contact Us

Contact:	Brian Hogan
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



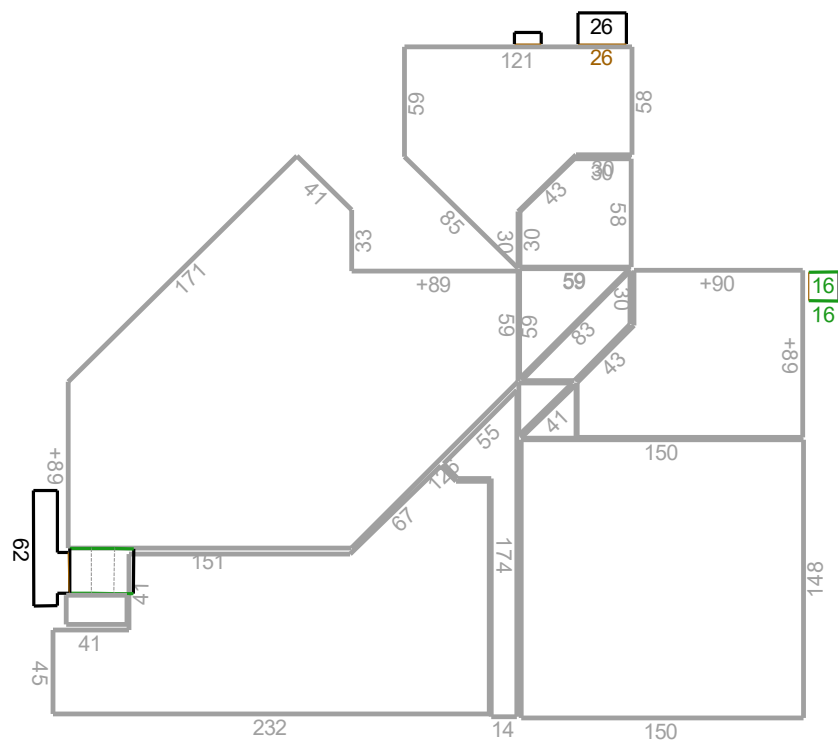
**South View**



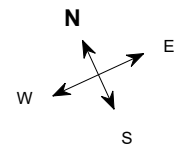
**West View**

## LENGTH DIAGRAM

Total Line Lengths:    **Ridges = 0 ft**                      **Valleys = 0 ft**                      **Flashing = 77 ft**                      **Eaves = 289 ft**  
                                  **Hips = 0 ft**                                      **Rakes = 102 ft**                      **Step flashing = 0 ft**                      **Parapets = 4,166 ft**



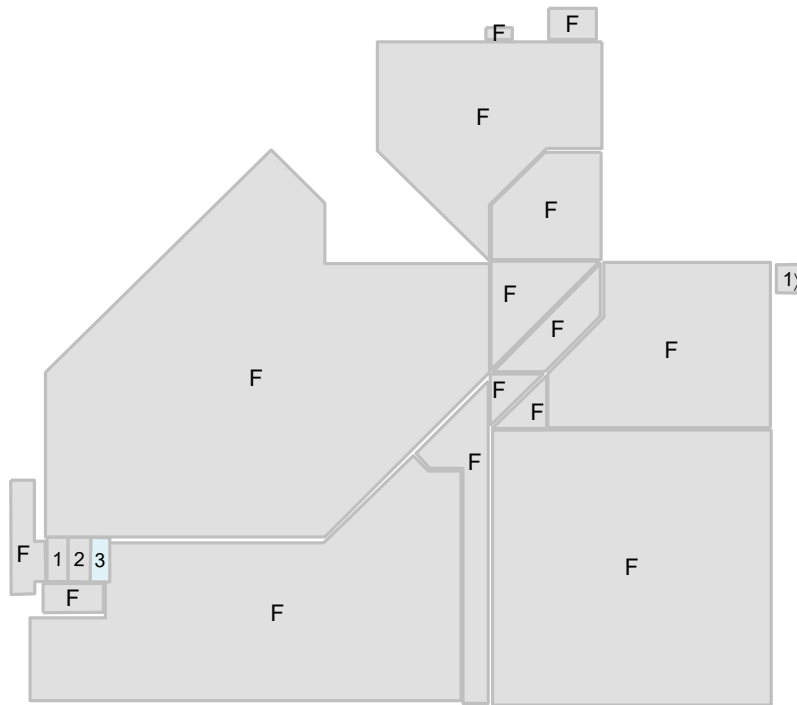
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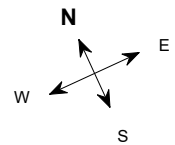
*Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5 feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).*

## PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 0/12.



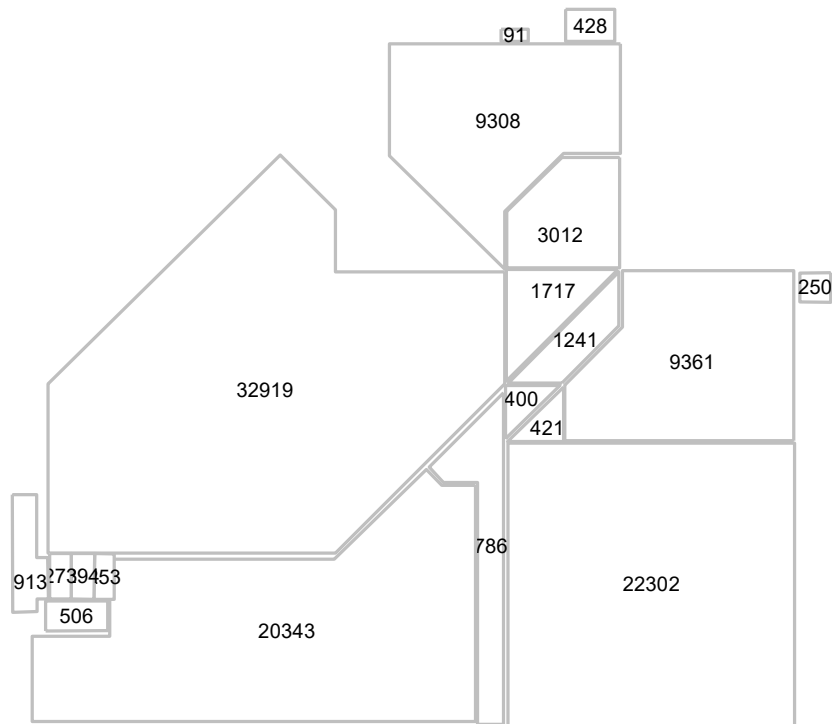
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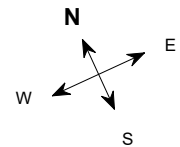
*Note: This diagram contains labeled pitches for facet areas larger than 20 square feet. In some cases, pitch labels have been removed for readability. Gray shading indicates flat, 1/12 or 2/12 pitches. If present, a value of "F" indicates a flat facet (no pitch).*

## AREA DIAGRAM

Total Area = 106,817 sq ft, with 19 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

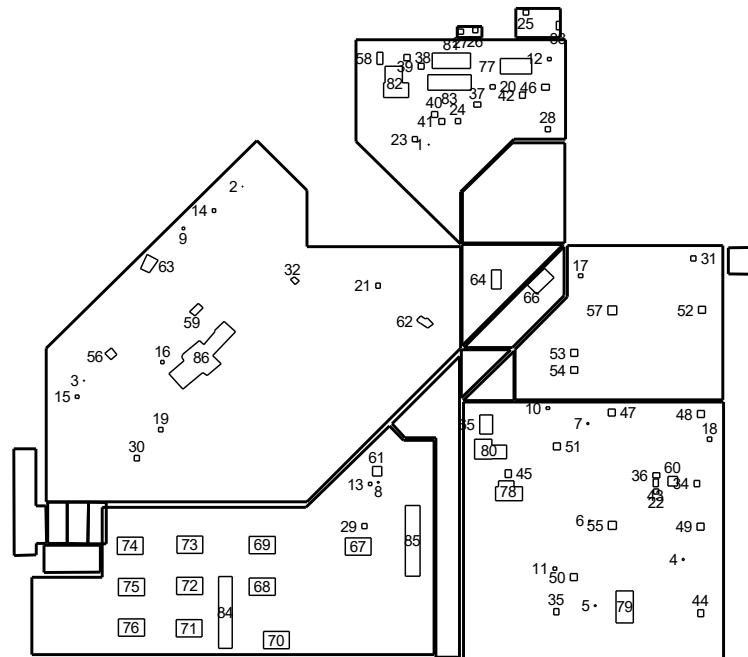
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations: 86

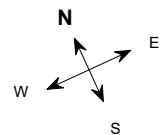
Total Penetrations Perimeter = 2,156 ft

Total Penetrations Area: 5,053 sq ft

Total Roof Area Less Penetrations = 101,764 sq ft



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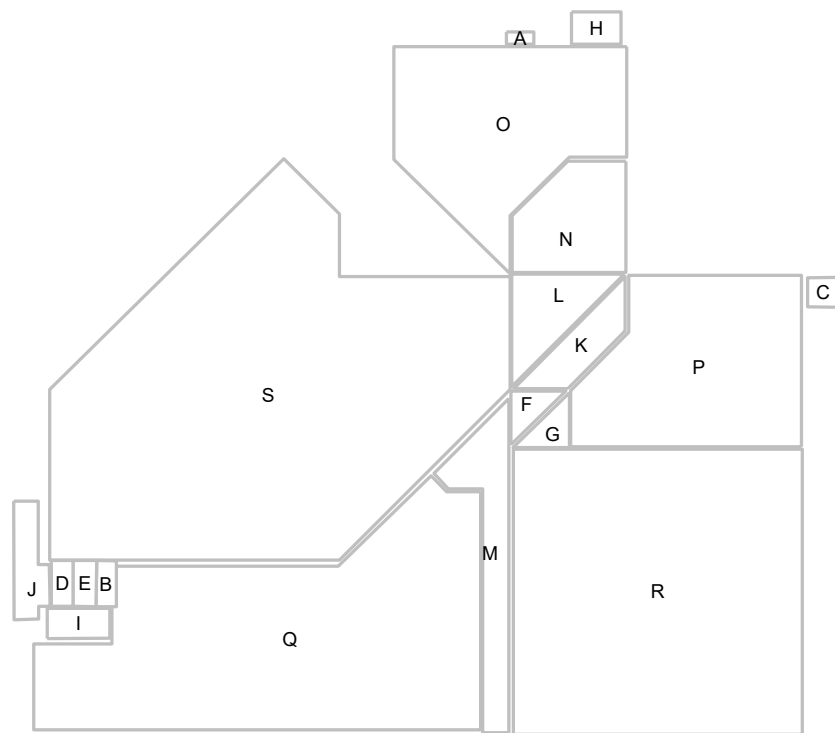


*Note: Any measured penetration smaller than 3x3 feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.*

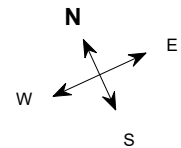


## NOTES DIAGRAM

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



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## Property Info



### Property Location

Longitude = -84.4921840

Latitude = 39.4092157

Online map of property:

[http://maps.google.com/maps?f=g&source=s\\_q&hl=en&geocode=&q=3603+Hamilton+Middletown+Rd,Hamilton,OH,45011](http://maps.google.com/maps?f=g&source=s_q&hl=en&geocode=&q=3603+Hamilton+Middletown+Rd,Hamilton,OH,45011)

### Property Info

Year Built:

Effective Year Built: \*

\*,



### Notes

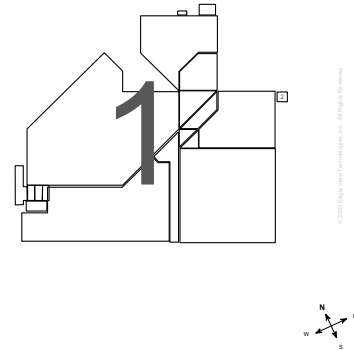
This was ordered as a commercial property. There were no changes to the structure in the past four years.

## REPORT SUMMARY

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

### Lengths, Areas and Pitches

Ridge .....0 ft (0 Ridges)  
 Hips .....0 ft (0 Hips)  
 Valleys .....0 ft (0 Valleys)  
 Rakes\* .....102 ft (8 Rakes)  
 Eaves/Starter\*\* .....289 ft (16 Eaves)  
 Drip Edge (Eaves + Rakes) .....391 ft (24 Lengths)  
 Parapet Walls .....4,166 ft (62 Lengths)  
 Flashing .....77 ft (4 Lengths)  
 Step Flashing .....0 ft (0 Lengths)  
 Total Area .....106,817 sq ft  
 Total Penetrations Area .....5,053 sq ft  
 Total Roof Area Less Penetrations .....101,764 sq ft  
 Total Penetrations Perimeter .....2,156 ft  
 Predominant Pitch.....0/12



Total Roof Facets = 19

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

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

### 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	106568	0	0	0	69	272	62	0	4166
2	250	0	0	0	33	15	15	0	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.

### Areas per Pitch

Roof Pitches	0/12	1/12	2/12	3/12
Area (sq ft)	105746.2	523.3	293.8	252.8
% of Squares	99%	0.5%	0.3%	0.2%

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



# ROOF MEASUREMENT REPORT

## Waste Calculation Table

Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sq ft)	106,817	117,498.7	119,635.0	122,839.6	124,975.9	128,180.4	130,316.7
Squares	1068.2	1175.0	1196.4	1228.4	1249.8	1281.8	1303.2

*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.*

## Parapet Calculation Table

Wall Height (ft)	1	2	3	4	5	6	7
Vertical Wall Area (sq ft)	4166	8332	12498	16664	20830	24996	29162

*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.*

## Penetration Table

	1-3	4-8	9	10	11-16	17	18-19	20-21	22-31	32
Area (sq ft)	0.3	1	2.3	3	4	5	6.3	7.5	9	10.5
Perimeter (ft)	2	4	6	7	8	9	10	11	12	13
	33	34	35	36-37	38-42	43	44	45	46	47
Area (sq ft)	10.5	11.4	10	12	12.3	13.5	14	15.7	15.8	16
Perimeter (ft)	13	13.6	14	14	14	15	15	16	16	16
	48-54	55	56	57	58	59	60-61	62	63	64
Area (sq ft)	16	20.3	23.3	25	24.5	26.8	30.3	33.1	57.2	60.5
Perimeter (ft)	16	18	19.3	20	21	21.7	22	24.6	30.8	33

*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.*



3603 Hamilton Middletown Rd, Hamilton, OH 45011

Report: 51251487

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