

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

PREPARED FOR

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MEASUREMENTS

Total Roof Area = 9,238 sq ft
 Total Roof Facets = 14
 Predominant Pitch = 6/12
 Number of Stories <= 1
 Total Ridges/Hips = 135 ft
 Total Valleys = 0 ft
 Total Rakes = 547 ft
 Total Eaves = 302 ft
 Total Penetrations = 20
 Total Penetrations Perimeter = 227 ft
 Total Penetrations Area = 150 sq ft

Measurements provided by www.eagleview.com



Certified Accurate

www.eagleview.com/Guarantee.aspx

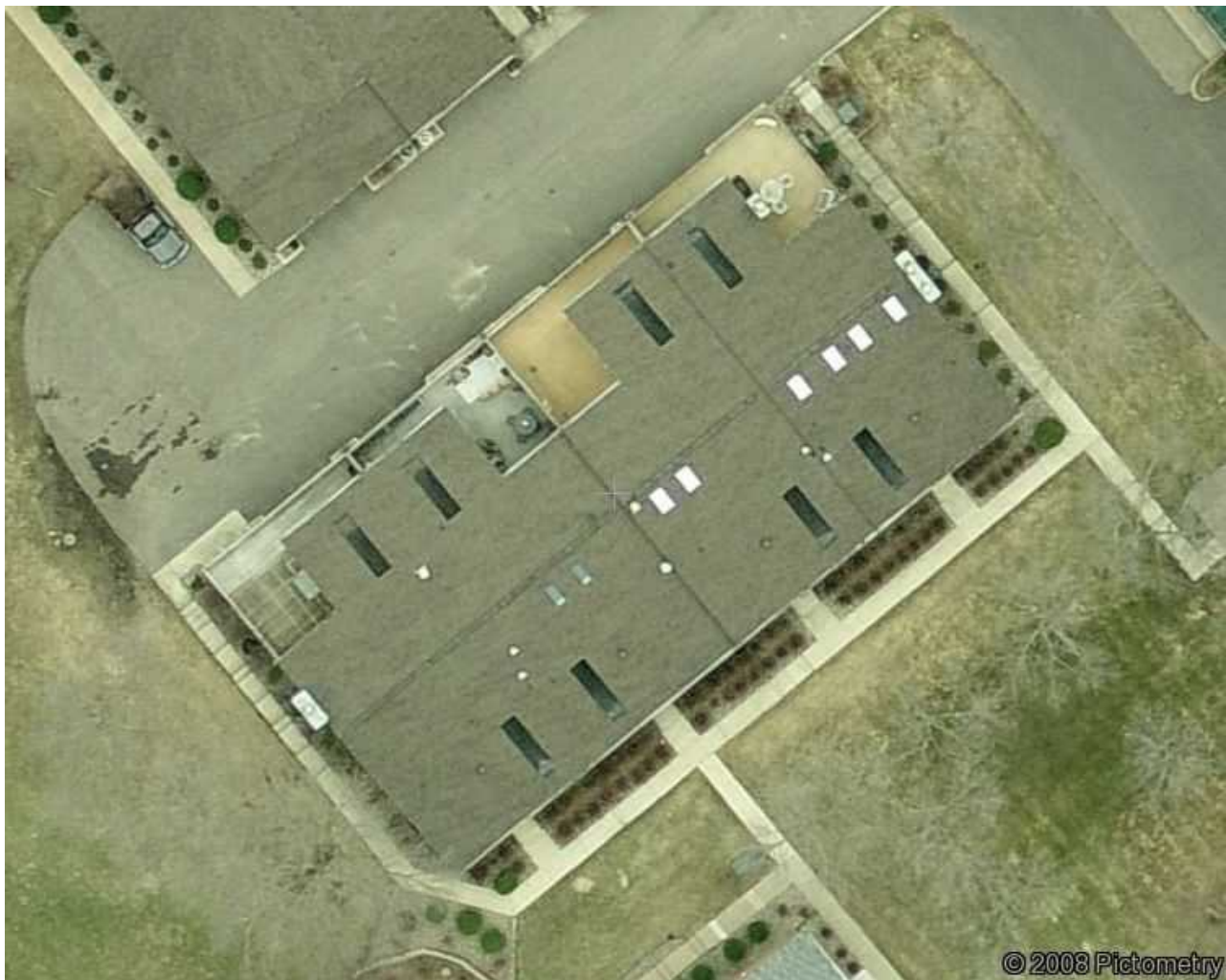
1109-1115 Ivy Hill Dr, Saint Paul, MN 55118-1830

Report: 25989038

IMAGES

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

Top View



IMAGES

North Side



South Side

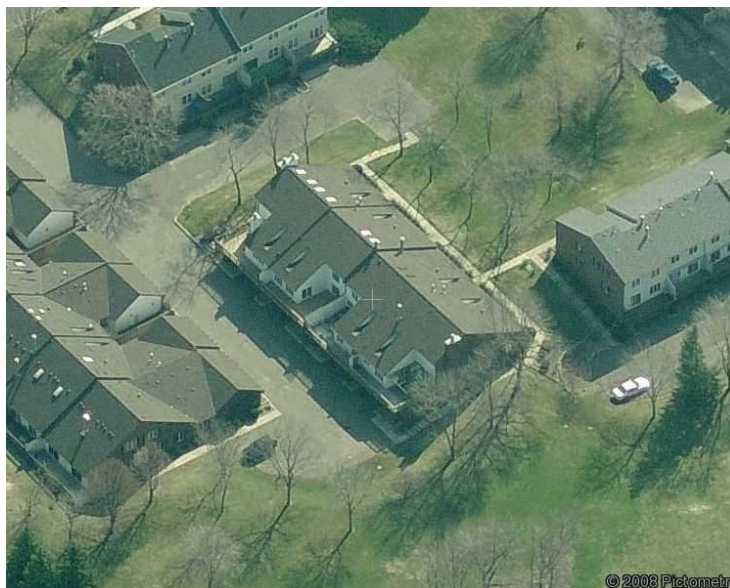


IMAGES

East Side

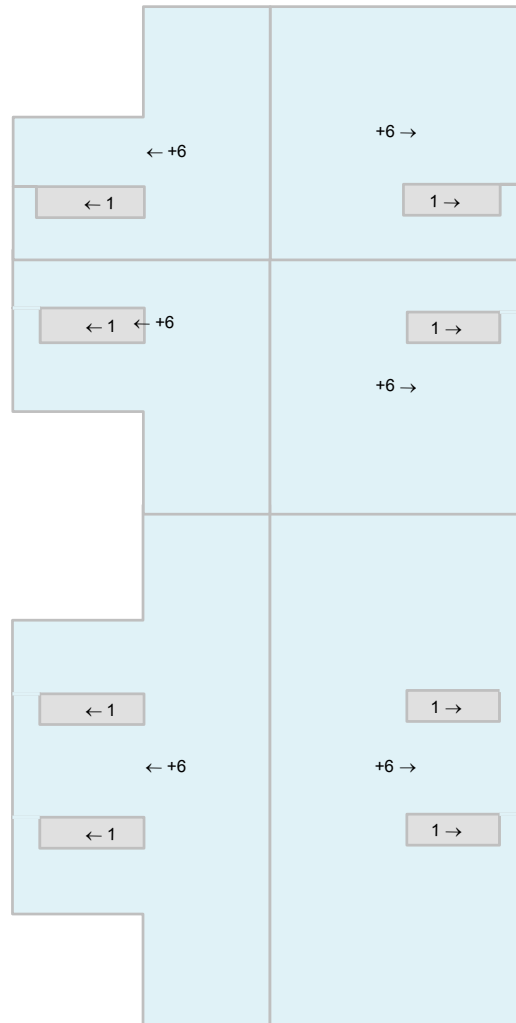


West Side

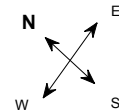


PITCH DIAGRAM

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



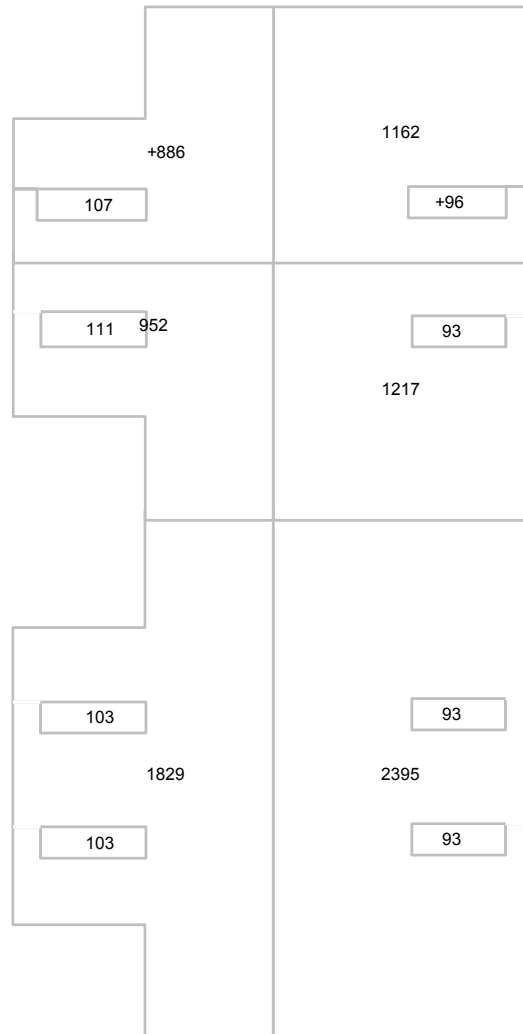
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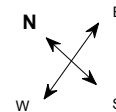
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater. Gray shading indicates flat, 1/12 or 2/12 pitches.

AREA DIAGRAM

Total Area = 9,238 sq ft, with 14 facets.



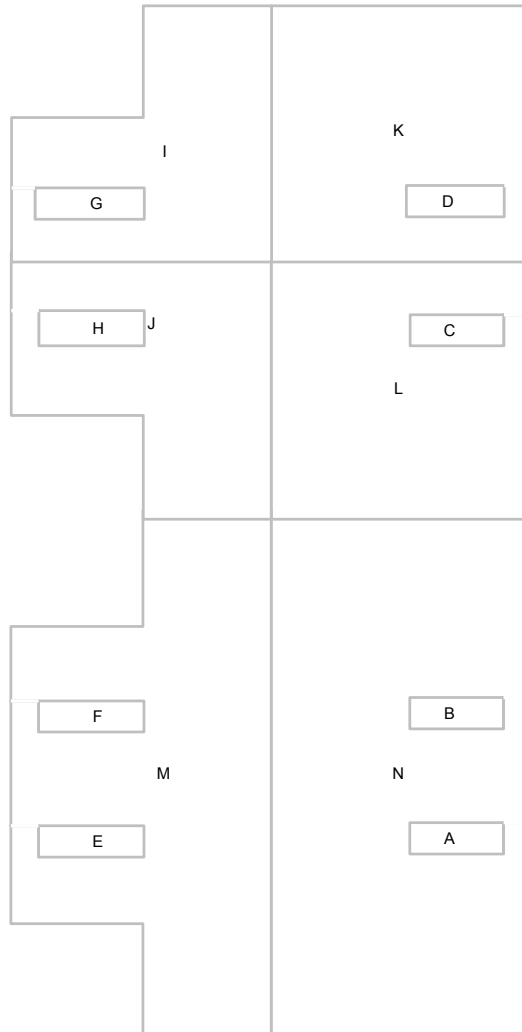
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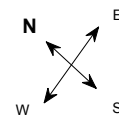
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

NOTES DIAGRAM

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



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PENETRATIONS NOTES DIAGRAM

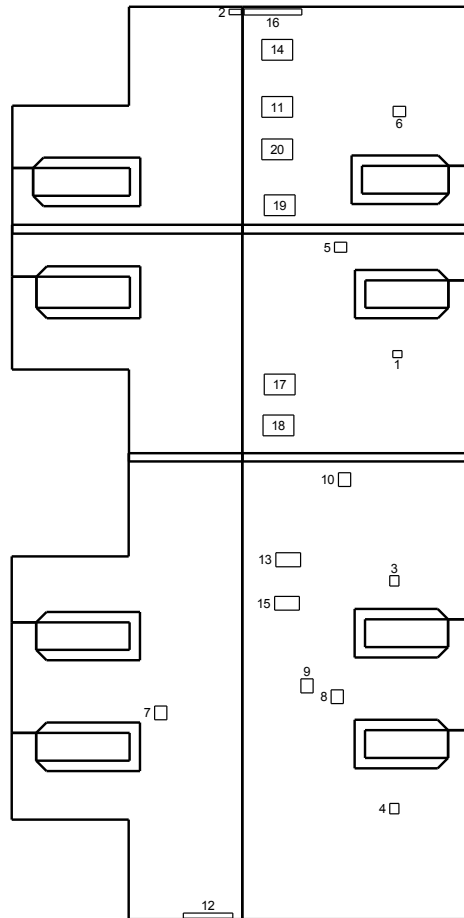
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations = 20

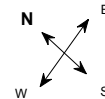
Total Penetrations Area = 150 sq ft

Total Penetrations Perimeter = 227 ft

Total Roof Area Less Penetrations = 9,088 sq ft



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REPORT SUMMARY

Areas per Pitch

Roof Pitches	1/12	6/12
Area (sq ft)	797.3	8440.8
% of Roof	8.6%	91.4%

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

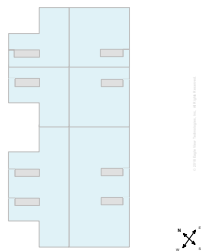
Waste Calculation Table

Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sq ft)	9,238	10,162	10,347	10,624	10,808	11,086	11,270
Squares	92.4	101.6	103.5	106.2	108.1	110.9	112.7

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.

Penetrations	1	2	3-4	5	6	7-10	11-12	13-18	19	20
Area (sq ft)	1.5	1.6	2.3	2.9	3	4	8	15	6	8.3
Perimeter (ft)	5	5.6	6	7	7	8	12	16	17.6	20.4

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.



Total Roof Facets = 14
 Total Penetrations = 20

Lengths, Areas and Pitches

Ridges = 135 ft (3 Ridges)
 Hips = 0 ft (0 Hips)
 Valleys = 0 ft (0 Valleys)
 Rakes* = 547 ft (28 Rakes)
 Eaves/Starter** = 302 ft (26 Eaves)
 Drip Edge (Eaves + Rakes) = 849 ft (54 Lengths)
 Parapet Walls = 0 (0 Lengths)
 Flashing = 57 ft (8 Lengths)
 Step flashing = 370 ft (36 Lengths)
 Total Area = 9,238 sq ft
 Total Penetrations Area = 150 sq ft
 Total Roof Area Less Penetrations = 9,088 sq ft
 Total Penetrations Perimeter = 227 ft
 Predominant Pitch = 6/12

Property Location

Longitude = -93.1138402
 Latitude = 44.9110780

Notes

This was ordered as a commercial 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.

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Online Maps

Online map of property

http://maps.google.com/maps?f=g&source=s_q&hl=en&geocode=&q=1109-1115+Ivy+Hill+Dr,Saint+Paul,MN,55118-1830

Directions from ABC Supply Co. to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=5130+Industrial+St,Maple+Plain,MN,55359-8004&daddr=1109-1115+Ivy+Hill+Dr,Saint+Paul,MN,55118-1830