

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

PREPARED FOR

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MEASUREMENTS

Total Roof Area = 20,153 sq ft
Total Roof Facets = 43
Predominant Pitch = 7/12
Number of Stories > 1
Total Ridges/Hips = 428 ft
Total Valleys = 347 ft
Total Rakes = 1,040 ft
Total Eaves = 580 ft
Total Penetrations = 158
Total Penetrations Perimeter = 862 ft
Total Penetrations Area = 373 sq ft

Measurements provided by www.eagleview.com



Certified Accurate

www.eagleview.com/Guarantee.aspx

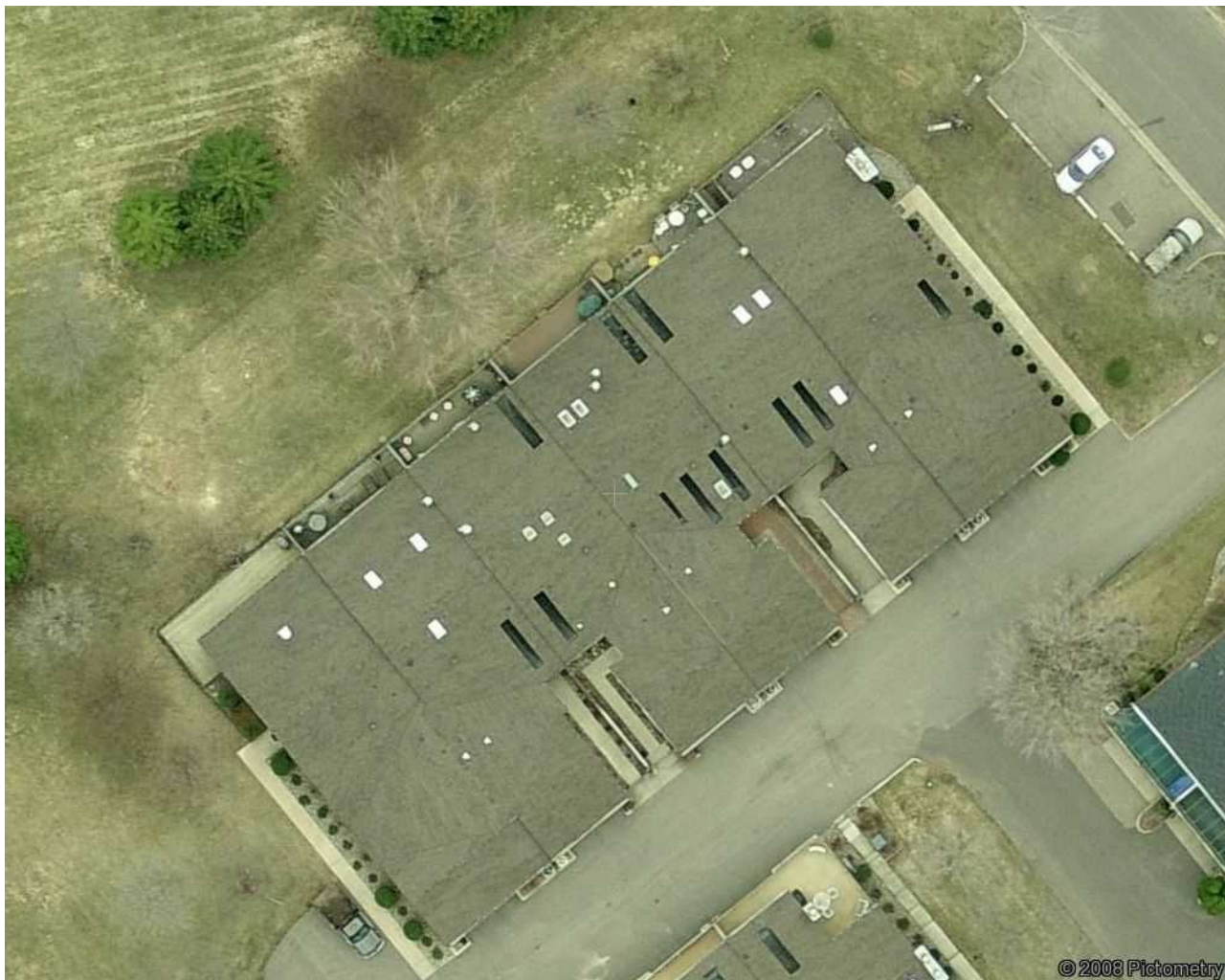
1095-1105 Ivy Hill Dr, Saint Paul, MN 55118-1830

Report: 25989044

IMAGES

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

Top View



IMAGES

North Side



South Side



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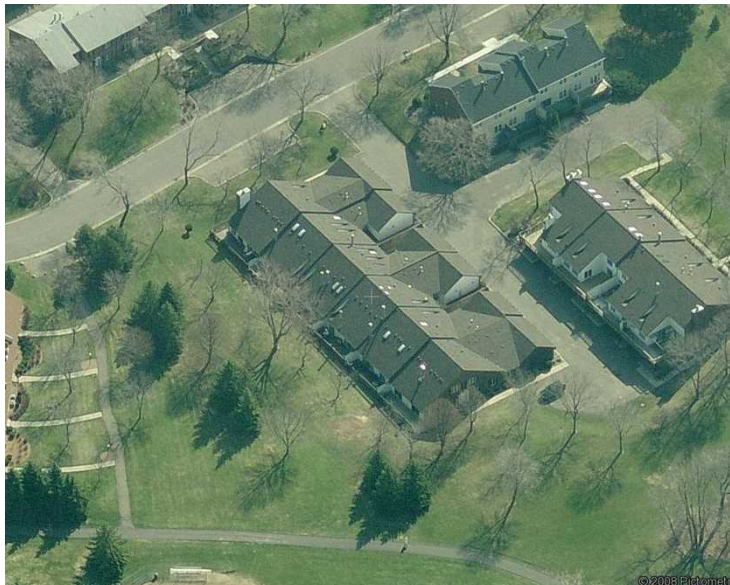
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IMAGES

East Side



West Side



LENGTH DIAGRAM

Total Line Lengths:

Ridges = 426 ft
Hips = 2 ft

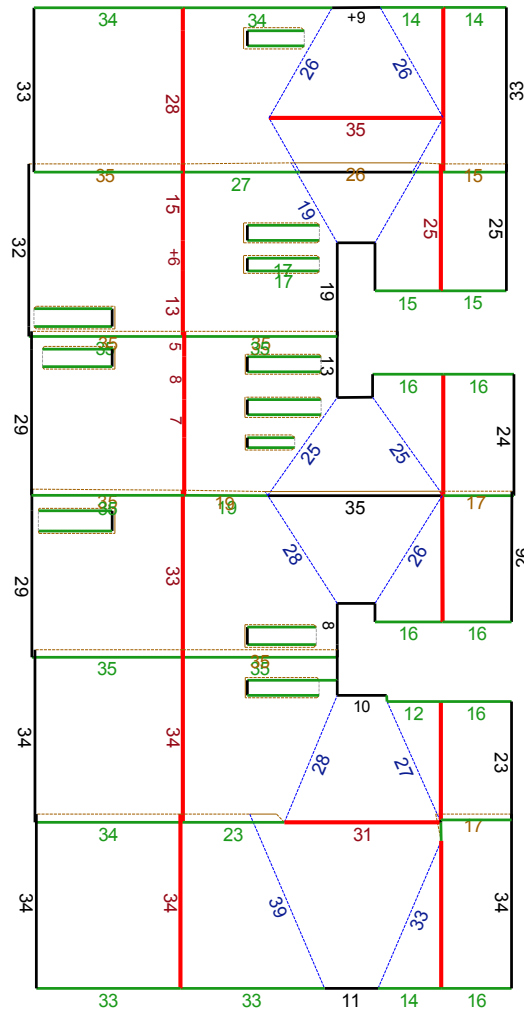
Valleys = 347 ft

Rakes = 1,040 ft

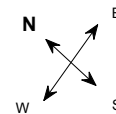
Eaves = 580 ft

Flashing = 111 ft

Step flashing = 690 ft

Parapets = 0 ft


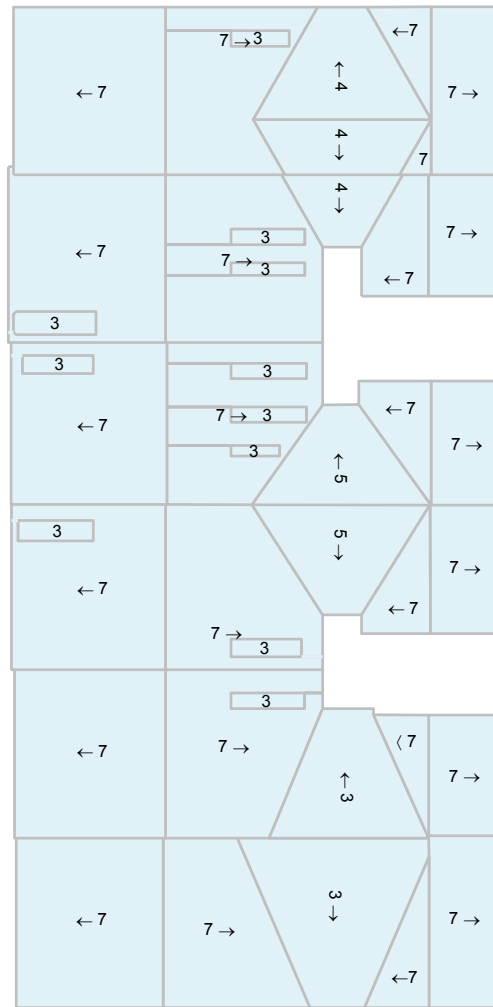
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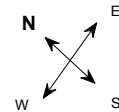
Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 7/12



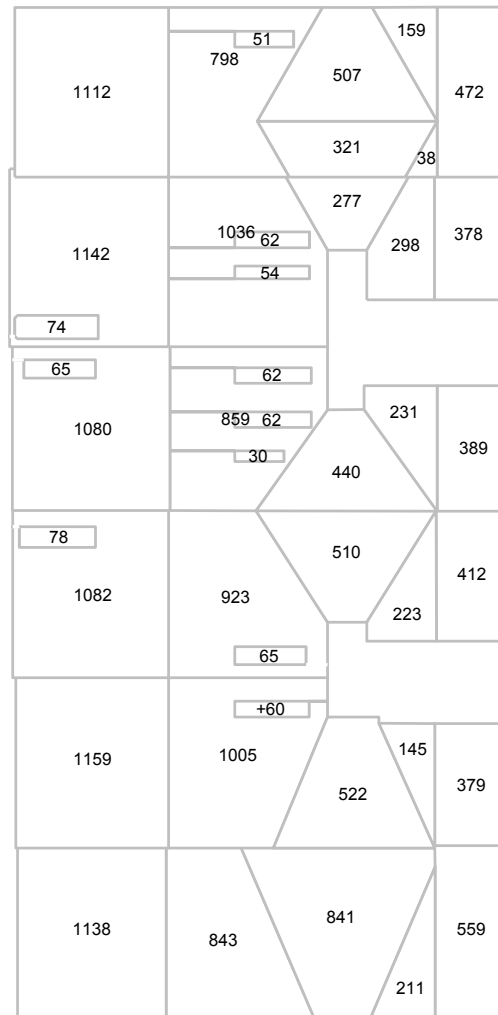
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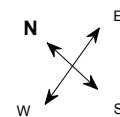
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

AREA DIAGRAM

Total Area = 20,153 sq ft, with 43 facets.



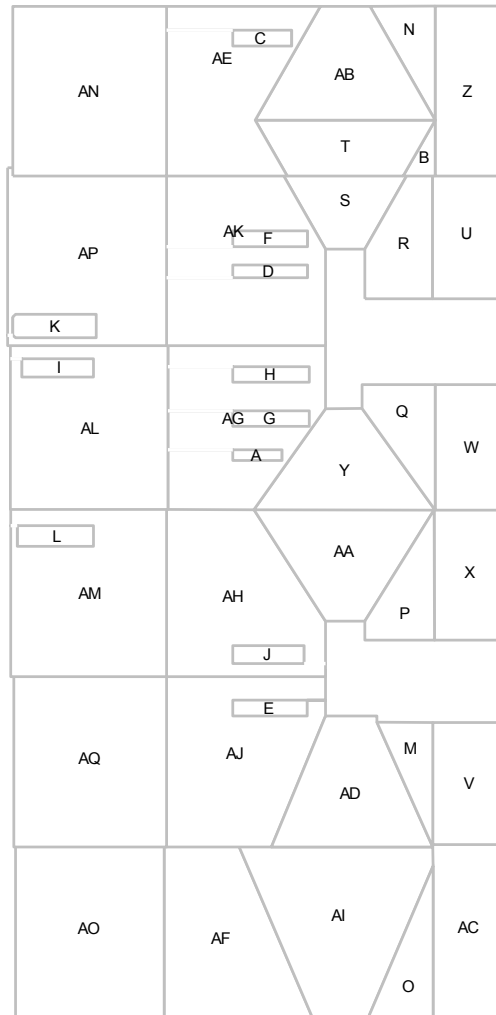
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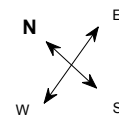
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

NOTES DIAGRAM

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



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PENETRATIONS NOTES DIAGRAM

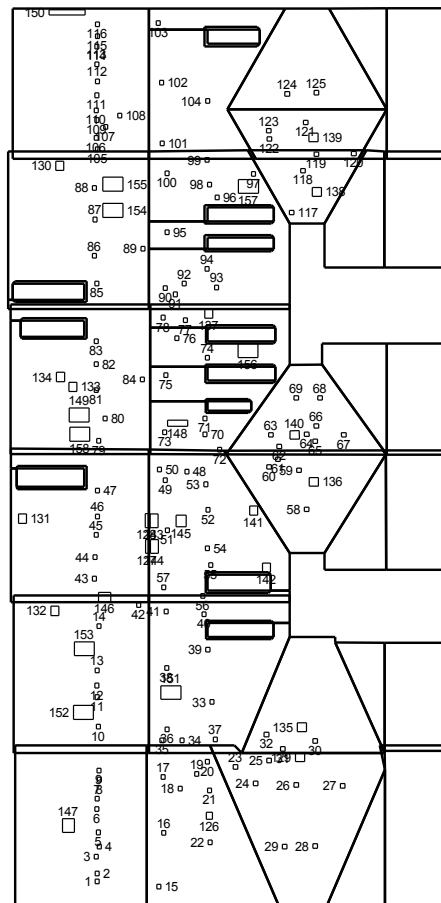
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations = 158

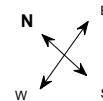
Total Penetrations Area = 373 sq ft

Total Penetrations Perimeter = 862 ft

Total Roof Area Less Penetrations = 19,780 sq ft



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REPORT SUMMARY

Areas per Pitch

Roof Pitches	3/12	4/12	5/12	7/12
Area (sq ft)	2025.0	1104.8	949.6	16073.7
% of Roof	10%	5.5%	4.7%	79.8%

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

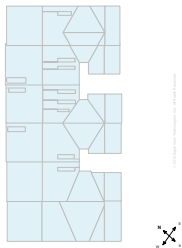
Waste Calculation Table

Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sq ft)	20,153	22,168	22,571	23,176	23,579	24,184	24,587
Squares	201.5	221.7	225.7	231.8	235.8	241.8	245.9

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	1-125	126	127	128	129	130-142	143-144	145	146	147
Area (sq ft)	1	2.2	2	2.4	3.8	4	6	6.2	6.4	9
Perimeter (ft)	4	6	7.4	7.6	7.8	8	10	10.2	10.2	12
	148	149	150-157	158						
Area (sq ft)	6.6	14.4	15	10.2						
Perimeter (ft)	12.6	15.8	16	20.2						

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 = 43
 Total Penetrations = 158

Lengths, Areas and Pitches

Ridges = 426 ft (21 Ridges)
 Hips = 2 ft (1 Hips)
 Valleys = 347 ft (14 Valleys)
 Rakes* = 1,040 ft (55 Rakes)
 Eaves/Starter** = 580 ft (44 Eaves)
 Drip Edge (Eaves + Rakes) = 1,620 ft (99 Lengths)
 Parapet Walls = 0 (0 Lengths)
 Flashing = 111 ft (14 Lengths)
 Step flashing = 690 ft (60 Lengths)
 Total Area = 20,153 sq ft
 Total Penetrations Area = 373 sq ft
 Total Roof Area Less Penetrations = 19,780 sq ft
 Total Penetrations Perimeter = 862 ft
 Predominant Pitch = 7/12

Property Location

Longitude = -93.1139441
 Latitude = 44.9114906

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=1095-1105+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=1095-1105+Ivy+Hill+Dr,Saint+Paul,MN,55118-1830