



Facility Summary

Client: Vernon Public Schools

Facility: Vernon Center Middle School

Facility Data

Address 1	777 Hartford Turnpike
Address 2	-
City	Vernon
State	CT
ZIP	06066
Type of Facility	School
Square Footage	88,327

Notes

There are 2 different types of roof systems on this building:

25,132 sq. ft. Ballasted EPDM

65,195 sq. ft. Mineral Surfaced Modified Bitumin

Roof Sections

Name	Date Installed	Square Footage	Roof Access
Ballasted EPDM		25,132	Ladder Needed
Mineral Surfaced Modified Built-Up		65,195	Ladder Needed



since 1895

ROOF MEASUREMENT REPORT

777 Hartford Turnpike, Vernon, CT 06066

Report Contents



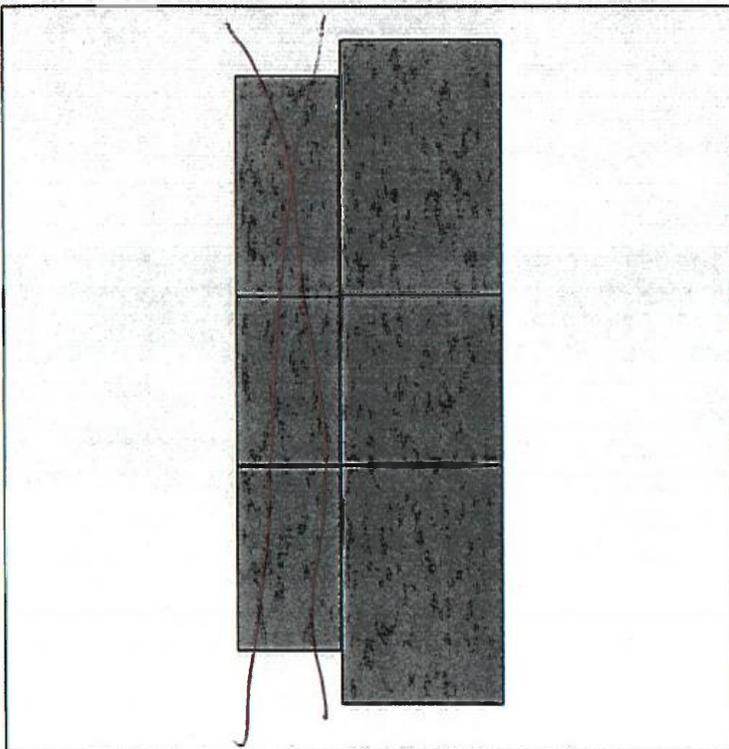
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Report Details

Date:	02/28/2013
Report:	5464584
Building:	1

Roof Details

Total Area:	39,120 sq ft
Total Roof Facets:	6
Predominant Pitch:	0/12
Number of Stories:	>1
Total Ridges/Hips:	0 ft
Total Valleys:	0 ft
Total Rakes:	0 ft
Total Eaves:	0 ft
Total Penetrations:	17
Total Penetrations Perimeter:	325 ft
Total Penetrations Area:	435 sq ft



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

Contact Us

Contact: Tim Mulcahy
 Company: The Garland Company Inc.
 Address: 3800 East 91st St
 Cleveland OH 44105
 Phone: 216-641-7500

Measurements provided by www.eagleview.com



Certified Accurate

www.eagleview.com/Guarantee.aspx

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REPORT IMAGES

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



Top View

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REPORT IMAGES

North View



East View

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REPORT IMAGES



South View

West View

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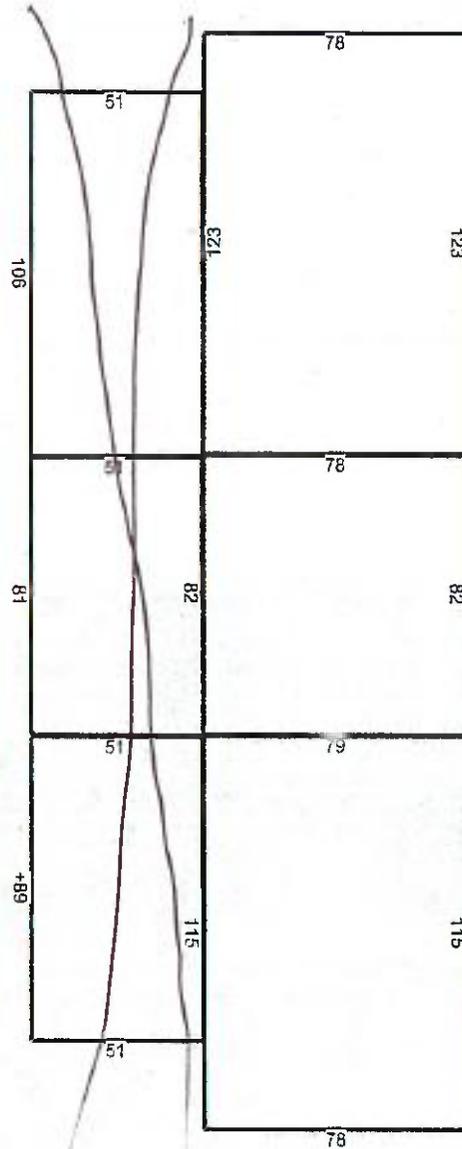
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ROOF MEASUREMENT REPORT

LENGTH DIAGRAM

Total Line Lengths: Ridges = 0 ft Valleys = 0 ft Flashing = 0 ft Eaves = 0 ft
 Hips = 0 ft Rakes = 0 ft Step flashing = 0 ft Parapets = 1,969 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).

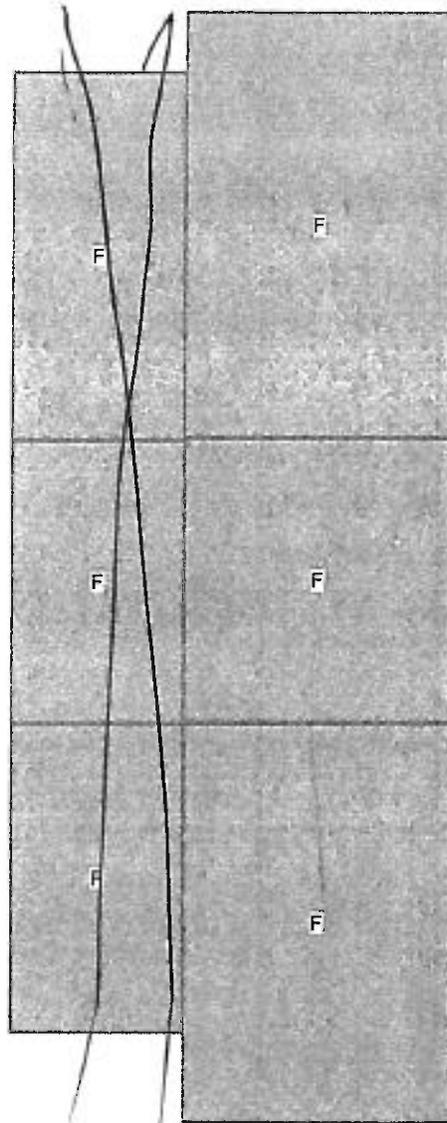
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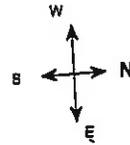


PITCH DIAGRAM

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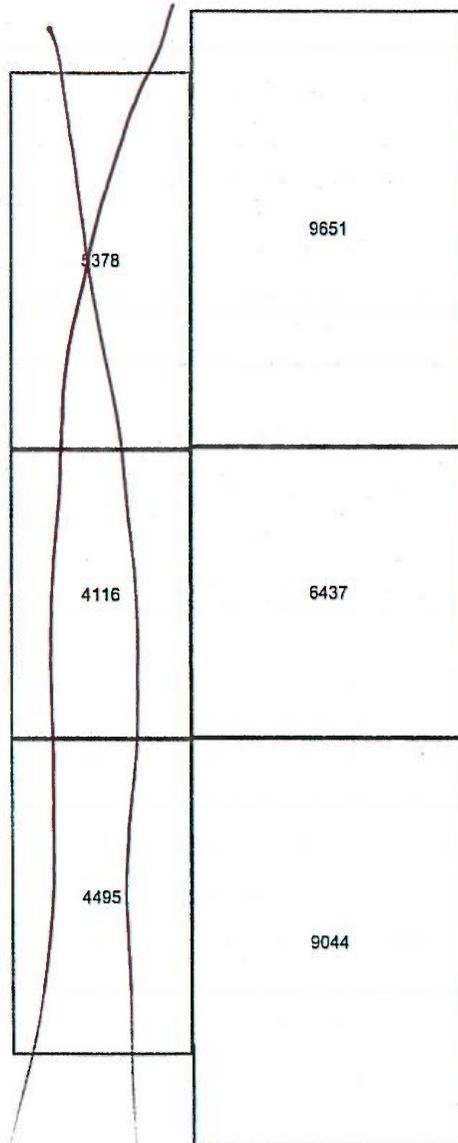
Note: This diagram contains labeled pitches for facet areas larger than 20 square feet. In some cases, pitch labels have been removed for readability. Gray shading indicates flat, 1/12 or 2/12 pitches. If present, a value of "F" indicates a flat facet (no pitch).

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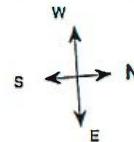


AREA DIAGRAM

Total Area = 39,120 sq ft, with 6 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).

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PENETRATIONS

Penetrations Notes Diagram

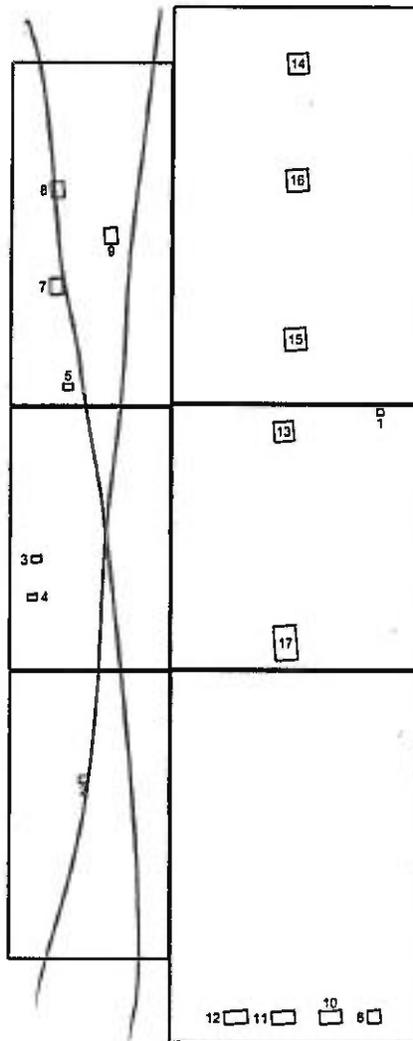
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations: 17

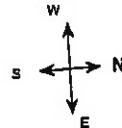
Total Penetrations Perimeter = 325 ft

Total Penetrations Area: 435 sq ft

Total Roof Area Less Penetrations = 38,686 sq ft



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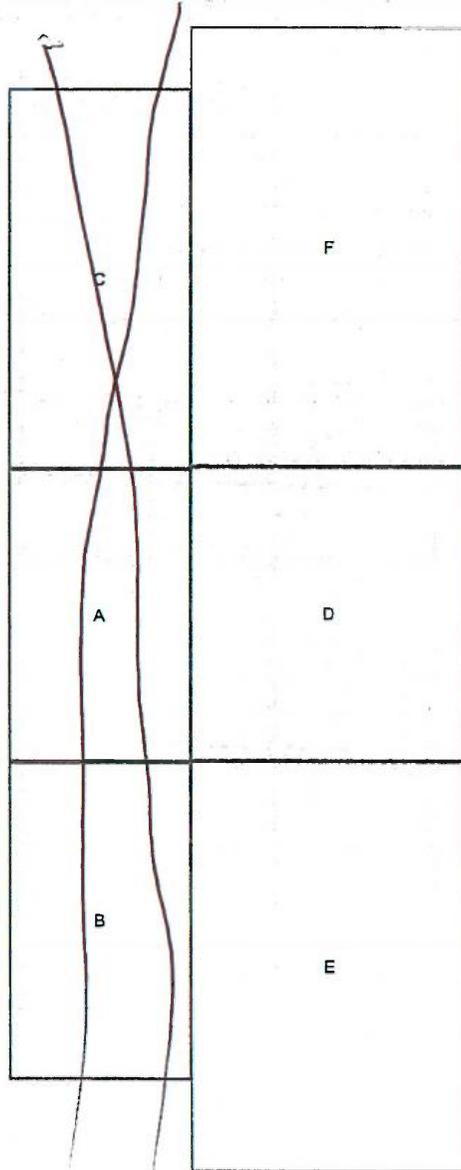
Note: Any measured penetration smaller than 3x3 feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.

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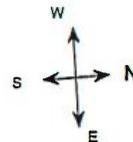


NOTES DIAGRAM

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



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ROOF MEASUREMENT REPORT

Property Info

Property Location

Longitude = -72.4626944

Latitude = 41.8418919

Online map of property:

http://maps.google.com/maps?f=g&source=s_q&hl=en&geocode=&q=777+Hartford+Turnpike,Vernon,CT,06066

Property Info

Year Built: 1977

Effective Year Built: N/A *

Last Known Roof Permit: N/A

**Effective Year Built is when the property's major components were revised to meet that year's code.*

Weather Data

Last Hail Event: 8/10/2009

Hail Count: 6 †

†Last hail event is the date of the last recorded hail event (greater than or equal to 3/4") within a one-mile radius. Hail count is the number of recorded hail events (greater than or equal to 3/4") within a one-mile radius in the past three years.

Notes

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

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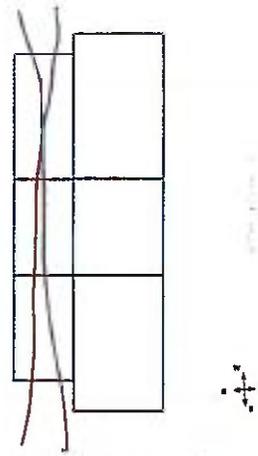


REPORT SUMMARY

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*	0 ft (0 Rakes)
Eaves/Starter**	0 ft (0 Eaves)
Drip Edge (Eaves + Rakes)	0 ft (0 Lengths)
Parapet Walls	1,969 ft (24 Lengths)
Flashing	0 ft (0 Lengths)
Step Flashing	0 ft (0 Lengths)
Total Area	39,121 sq ft
Total Penetrations Area.....	435 sq ft
Total Roof Area Less Penetrations	38,686 sq ft
Total Penetrations Perimeter.....	325 ft
Predominant Pitch.....	0/12



Total Roof Facets = 6

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

Areas per Pitch

Roof Pitches	0/12
Area (sq ft)	39120.6
% of Squares	100%

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)	39,120	43,033	43,816	44,989	45,772	46,945	47,728
Squares	391.2	430.3	438.2	449.9	457.7	469.5	477.3

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. Ridge, hip, valley, and starter lengths may require additional material.