



# Facility Summary

Client: Vernon Public Schools

Facility: Skinner Road School

Facility Data	
Address 1	90 Skinner Rd
Address 2	-
City	Vernon
State	CT
ZIP	06066
Type of Facility	School
Square Footage	52,969
Contact Person	Bill Peluso

Roof Sections			
Name	Date Installed	Square Footage	Roof Access
All - Low Slope		52,969	Ladder Needed



since 1895

# ROOF MEASUREMENT REPORT

90 Skinner Rd, Vernon, CT 06066

## Report Contents



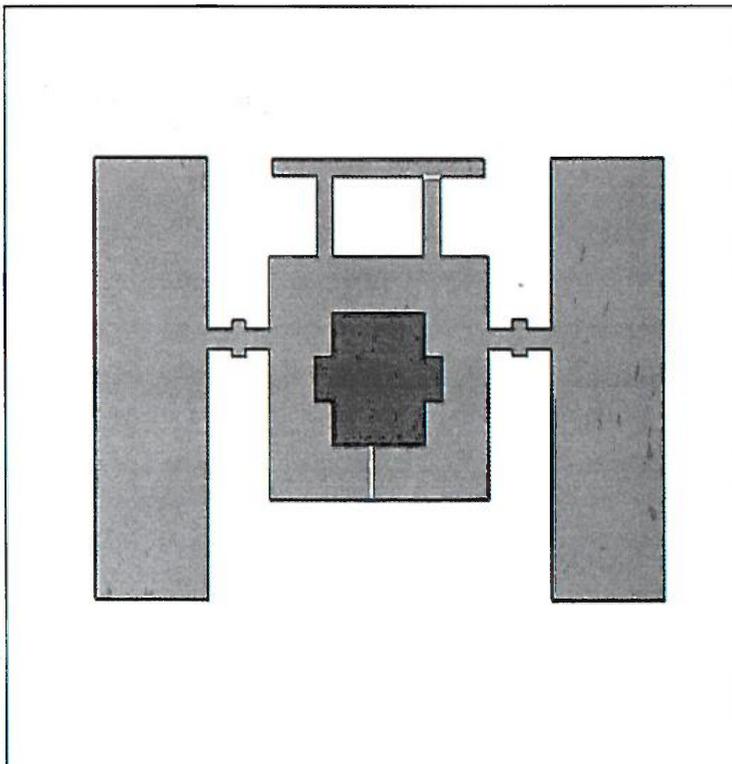
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## Report Details

Date:	12/27/2012
Report:	5464581

## Roof Details

Total Area:	52,969 sq ft
Total Roof Facets:	2
Predominant Pitch:	0/12
Number of Stories:	Unknown
Total Ridges/Hips:	0 ft
Total Valleys:	0 ft
Total Rakes:	0 ft
Total Eaves:	0 ft
Total Penetrations:	28
Total Penetrations Perimeter:	397 ft
Total Penetrations Area:	378 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](http://www.eagleview.com)

**Certified Accurate**

[www.eagleview.com/Guarantee.aspx](http://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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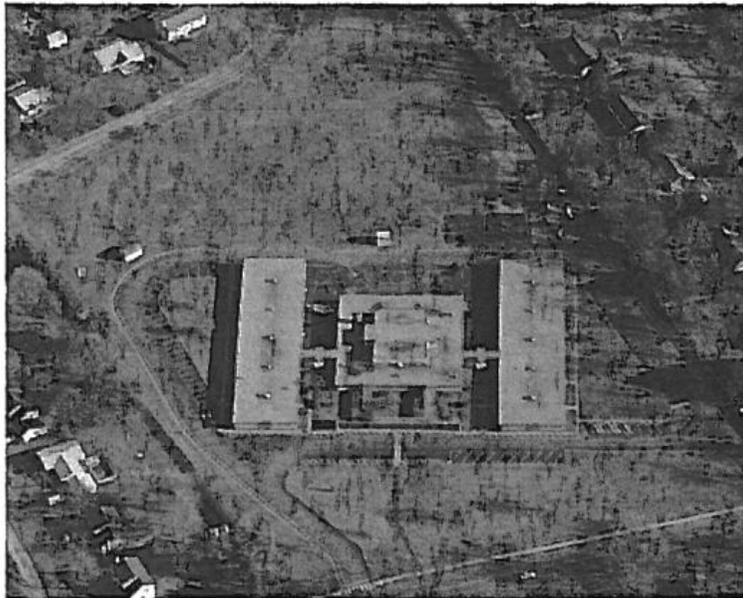
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## REPORT IMAGES



North View



East View

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## REPORT IMAGES



South View



West View

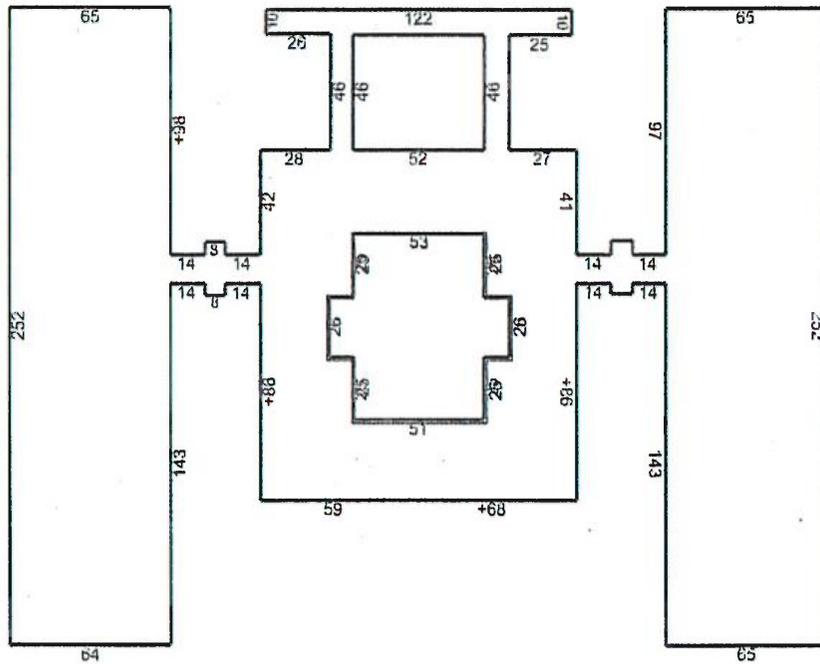
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# ROOF MEASUREMENT REPORT

## LENGTH DIAGRAM

Total Line Lengths:    Ridges = 0 ft            Valleys = 0 ft            Flashing = 298 ft            Eaves = 0 ft  
    Hips = 0 ft                            Rakes = 0 ft            Step flashing = 0 ft            Parapets = 2,632 ft



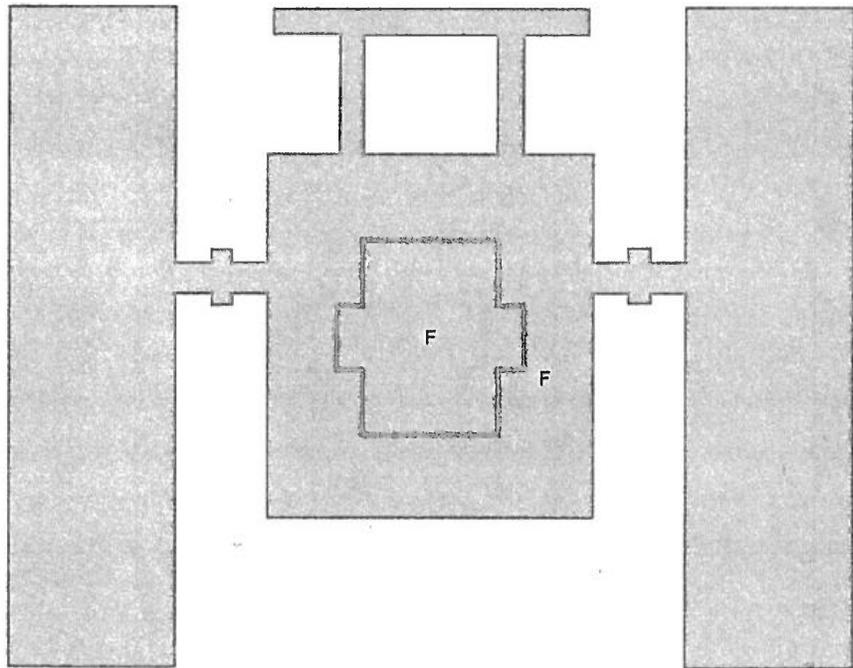
Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5 feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

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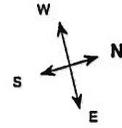


## PITCH DIAGRAM

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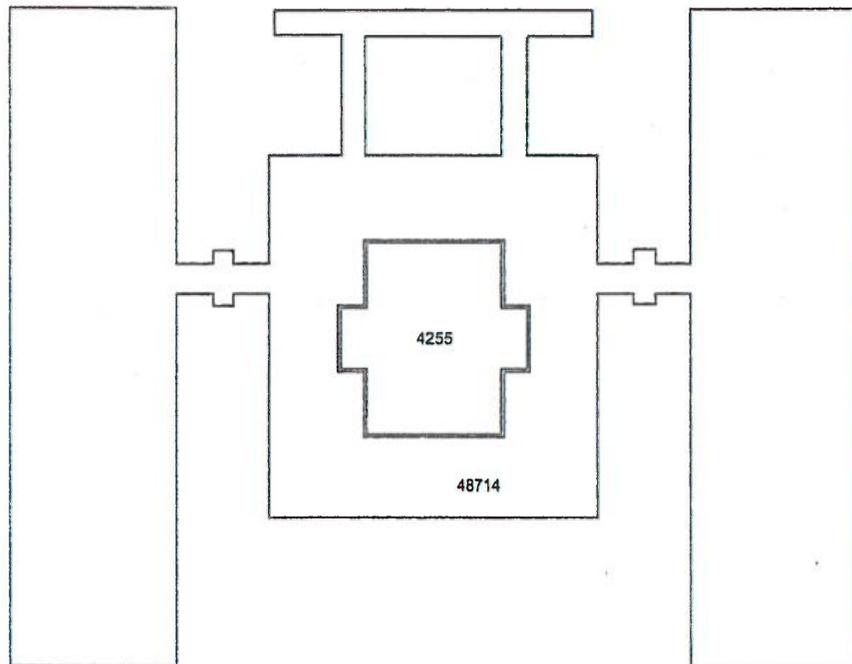
*Note: This diagram contains labeled pitches for facet areas larger than 20 square feet. In some cases, pitch labels have been removed for readability. Gray shading indicates flat, 1/12 or 2/12 pitches. If present, a value of "F" indicates a flat facet (no pitch).*

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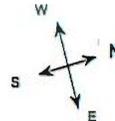


## AREA DIAGRAM

Total Area = 52,969 sq ft, with 2 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

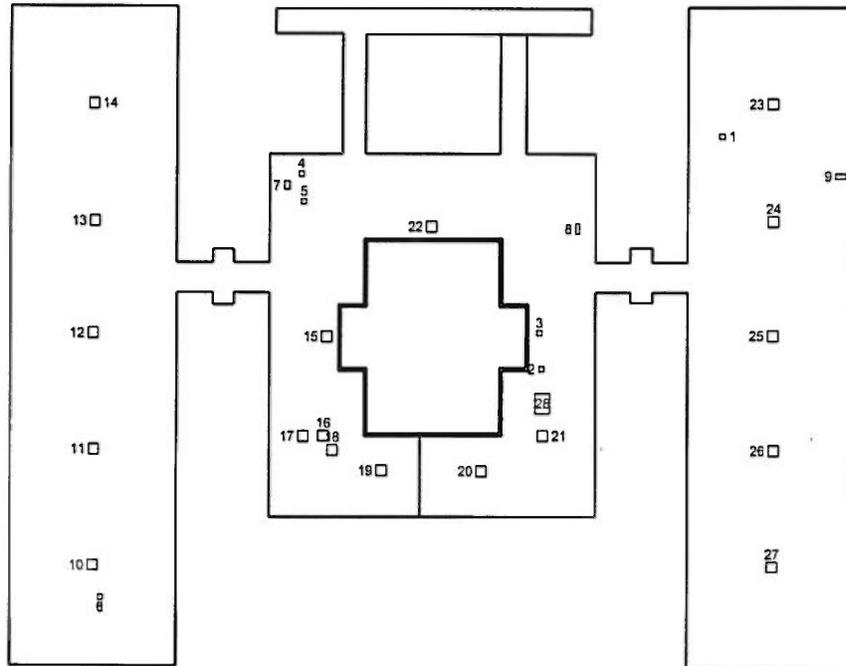
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations: 28

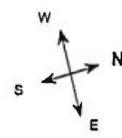
Total Penetrations Perimeter = 397 ft

Total Penetrations Area: 378 sq ft

Total Roof Area Less Penetrations = 52,592 sq ft



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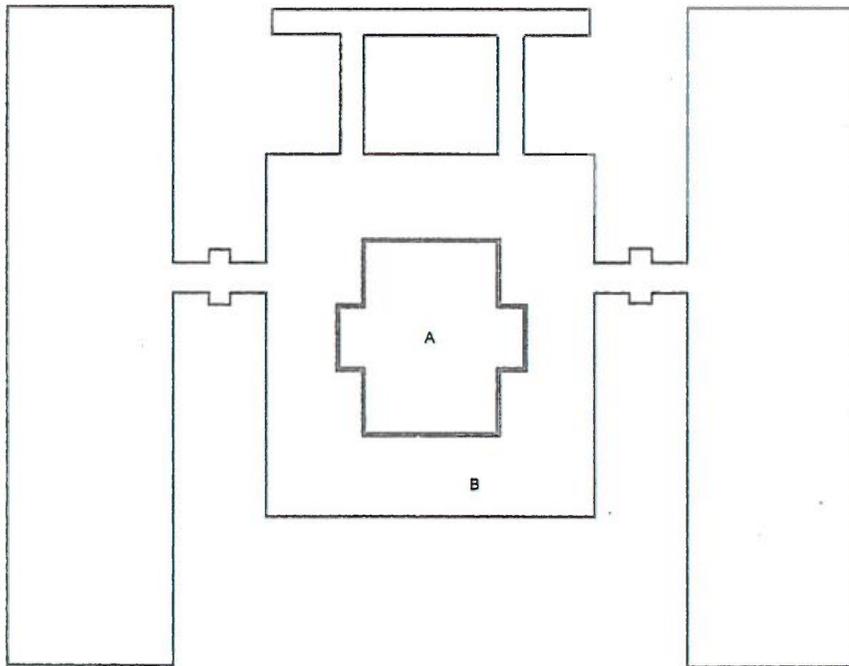
*Note: Any measured penetration smaller than 3x3 feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.*

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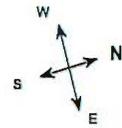


## NOTES DIAGRAM

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 = -72.4911420

Latitude = 41.8559270

Online map of property:

[http://maps.google.com/maps?f=g&source=s\\_q&hl=en&geocode=&q=90+Skinner+Rd,Vernon,CT,06066](http://maps.google.com/maps?f=g&source=s_q&hl=en&geocode=&q=90+Skinner+Rd,Vernon,CT,06066)

### Property Info

Year Built: N/A

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: 7/27/2009

Hail Count: 4 †

†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.



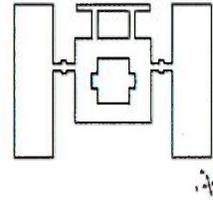
# ROOF MEASUREMENT REPORT

## 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 .....	2,632 ft (61 Lengths)
Flashing .....	298 ft (13 Lengths)
Step Flashing .....	0 ft (0 Lengths)
Total Area .....	52,970 sq ft
Total Penetrations Area .....	378 sq ft
Total Roof Area Less Penetrations .....	52,592 sq ft
Total Penetrations Perimeter .....	397 ft
Predominant Pitch .....	0 /12



Total Roof Facets = 2

\*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)	52969.3
% 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)	52,969	58,267	59,326	60,916	61,975	63,564	64,623
Squares	529.7	582.7	593.3	609.2	619.7	635.6	646.2

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

### Parapet Calculation Table

Wall Height (ft)	1	2	3	4	5	6	7
Vertical Wall Area (sq ft)	2632	5264	7896	10528	13160	15792	18424

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.

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# ROOF MEASUREMENT REPORT

Penetration Table	1-6	7	8	9	10-27	28
Area (sq ft)	4	6.1	6.4	8.3	16	44.5
Perimeter (ft)	8	10.2	11.2	12.2	16	27

*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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# Construction Details

Client: Vernon Public Schools

Facility: Skinner Road School

Roof Section: All - Low Slope

## Roof Info

Year Installed	-	Square Footage	52,969
Slope Dimension	minimal	Roof Height	12'
Roof Access	Ladder Needed	System Type	-

## Notes

Active leaks were reported by the custodian,