

**RFP 2025-10**  
**ARCHITECT FOR CANTON INTERMEDIATE SCHOOL**  
**ROOF REPAIR or REPLACEMENT PROJECT**  
**ARCHITECTURAL DESIGN SERVICES**

ADDENDUM #1 12/18/2025

**Item 1 – Sign-In Sheet**

The following companies attended the mandatory pre-bid site meeting at Canton Intermediate School on December 16<sup>th</sup>, 2025, and per the stipulations in the RFP, are the only firms that proposals can be accepted from.

(See attached PDF sign in sheet)

**Item 2:**

Garland Corp. CIS Roof Dimension Report (see attached PDF report)



SIGN IN SHEET  
RFP 2025-10

ARCHITECT FOR CANTON INTERMEDIATE SCHOOL  
ROOF REPAIR or REPLACEMENT PROJECT  
ARCHITECTURAL DESIGN SERVICES

MANDATORY PRE-BID SITE MTG. 12/16/25

NAME

COMPANY

PHONE & EMAIL

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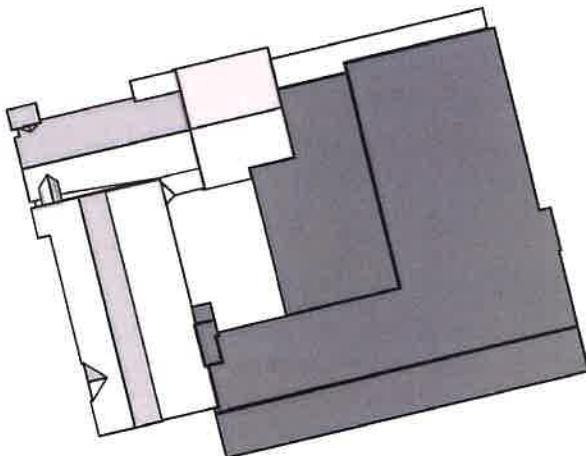
# ROOF MEASUREMENT REPORT

39 Dyer Ave, Canton, CT 06109

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

## Report Details

Date:	10/30/2025
Report:	68086762

## Roof Details

Total Area:	43,933 sq ft
Total Roof Facets:	25
Predominant Pitch:	0/12
Number of Stories:	>1
Total Ridges/Hips:	278 ft
Total Valleys:	128 ft
Total Rakes:	297 ft
Total Eaves:	538 ft
Total Penetrations:	66
Total Penetrations Perimeter:	672 ft
Total Penetrations Area:	632 sq ft

## Contact Us

Contact:	Matt Menard
Company:	Garland Company Inc.
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	Cleveland OH 44105
Phone:	203-535-8600

Measurements provided by [www.eagleview.com](http://www.eagleview.com)



Certified Accurate  
[www.eagleview.com/Guarantee.aspx](http://www.eagleview.com/Guarantee.aspx)

## ROOF MEASUREMENT REPORT

### REPORT IMAGES

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



**Top View**

## ROOF MEASUREMENT REPORT

### REPORT IMAGES



**North View**



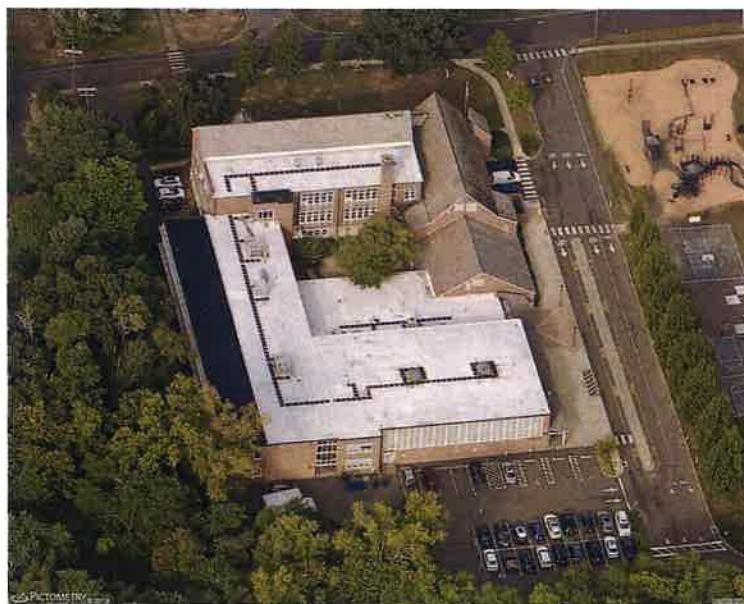
**East View**

## ROOF MEASUREMENT REPORT

### REPORT IMAGES



**South View**



**West View**

## ROOF MEASUREMENT REPORT

## LENGTH DIAGRAM

### Total Line Lengths:

Ridges = 278 ft

Hips = 0 ft

Valleys = 128 ft

Rakes = 297 ft

Flashing = 164 ft

Step flashing = 361 ft

Eaves = 538 ft

Parapets = 1,515 ft



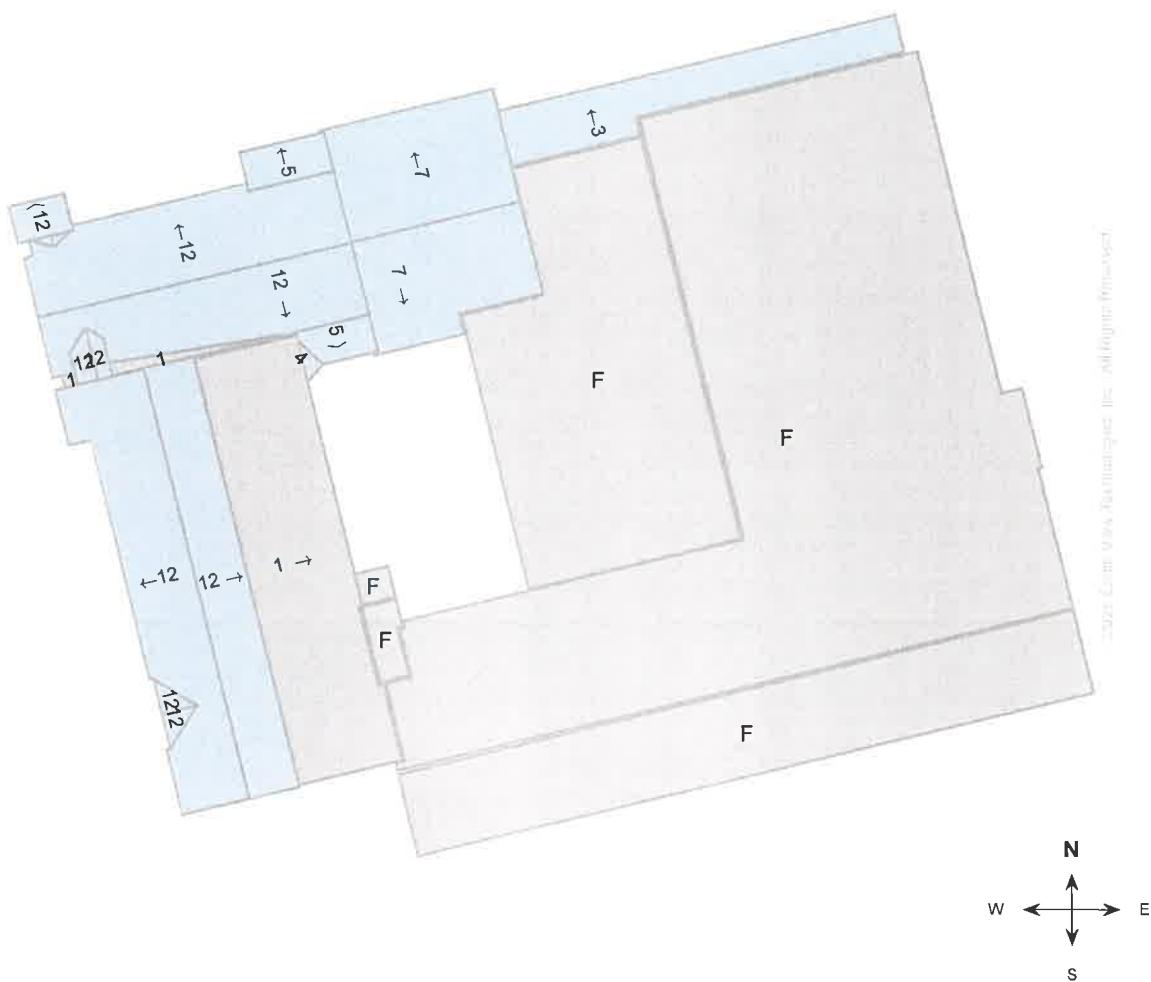
Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5 feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

© 2003-2005 Evi Technology, Inc. and Picometrie International Corp. - All Rights Reserved - Covered by one or more of U.S. Patent Nos. 8,078,436; 8,145,578; 8,170,840; 8,209,152; 8,515,125; 8,825,454; 9,135,737; 8,670,961; 9,514,568; 8,818,770; 8,842,980; 9,244,589; 9,329,749. Other Patents Pending.

# ROOF MEASUREMENT REPORT

## PITCH DIAGRAM

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

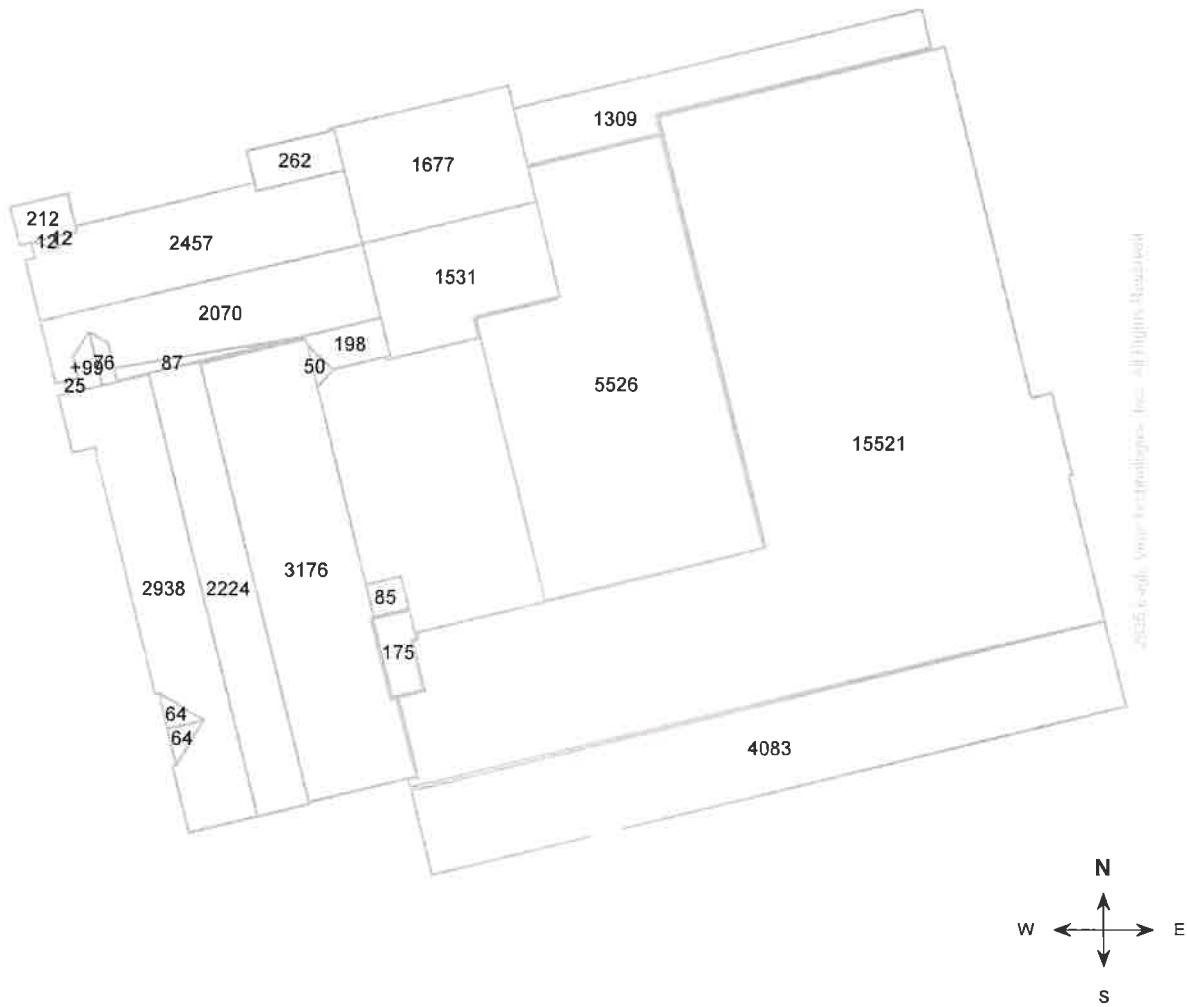


Note: This diagram contains labeled pitches for facet areas larger than 20 square feet. In some cases, pitch labels have been removed for readability. Gray shading indicates flat, 1/12 or 2/12 pitches. If present, a value of "F" indicates a flat facet (no pitch).

## ROOF MEASUREMENT REPORT

## AREA DIAGRAM

Total Area = 43,933 sq ft, with 25 facets.



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).

# ROOF MEASUREMENT REPORT

## PENETRATIONS

### Penetrations Notes Diagram

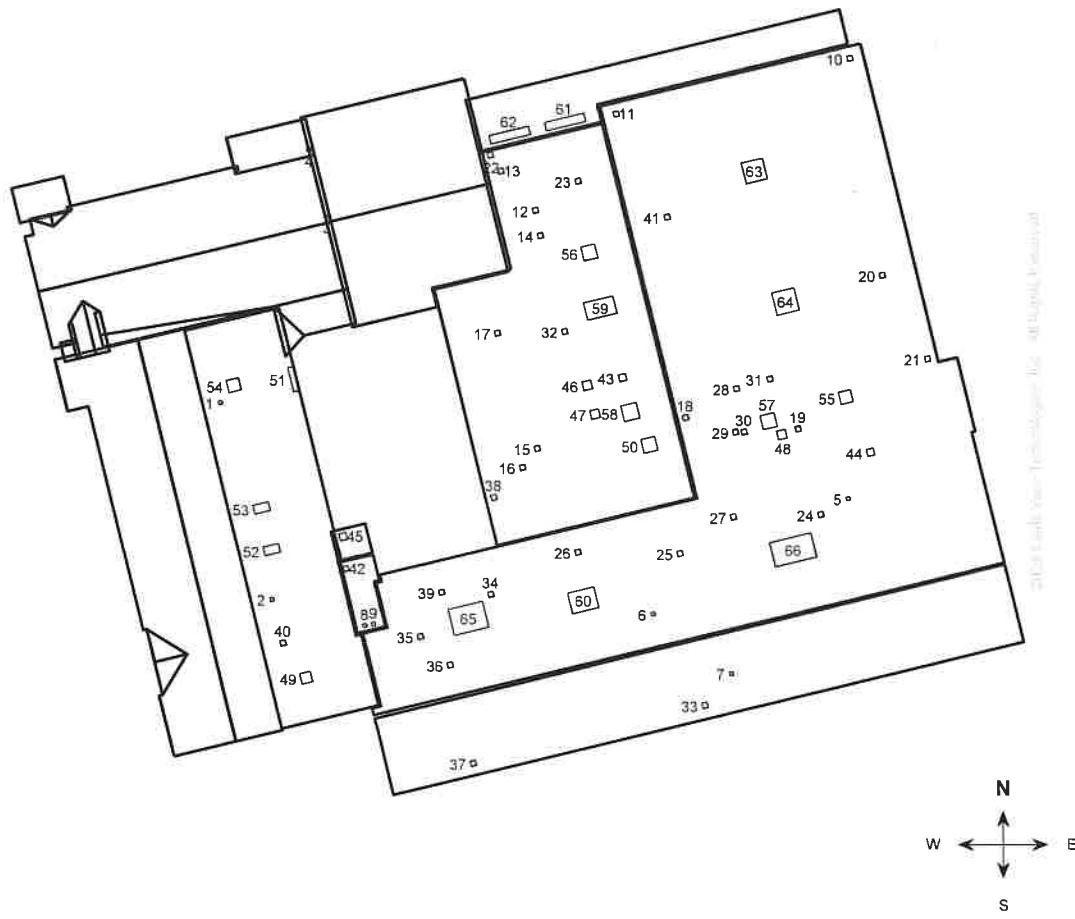
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations: 66

Total Penetrations Perimeter = 672 ft

Total Penetrations Area: 632 sq ft

Total Roof Area Less Penetrations = 43,301 sq ft

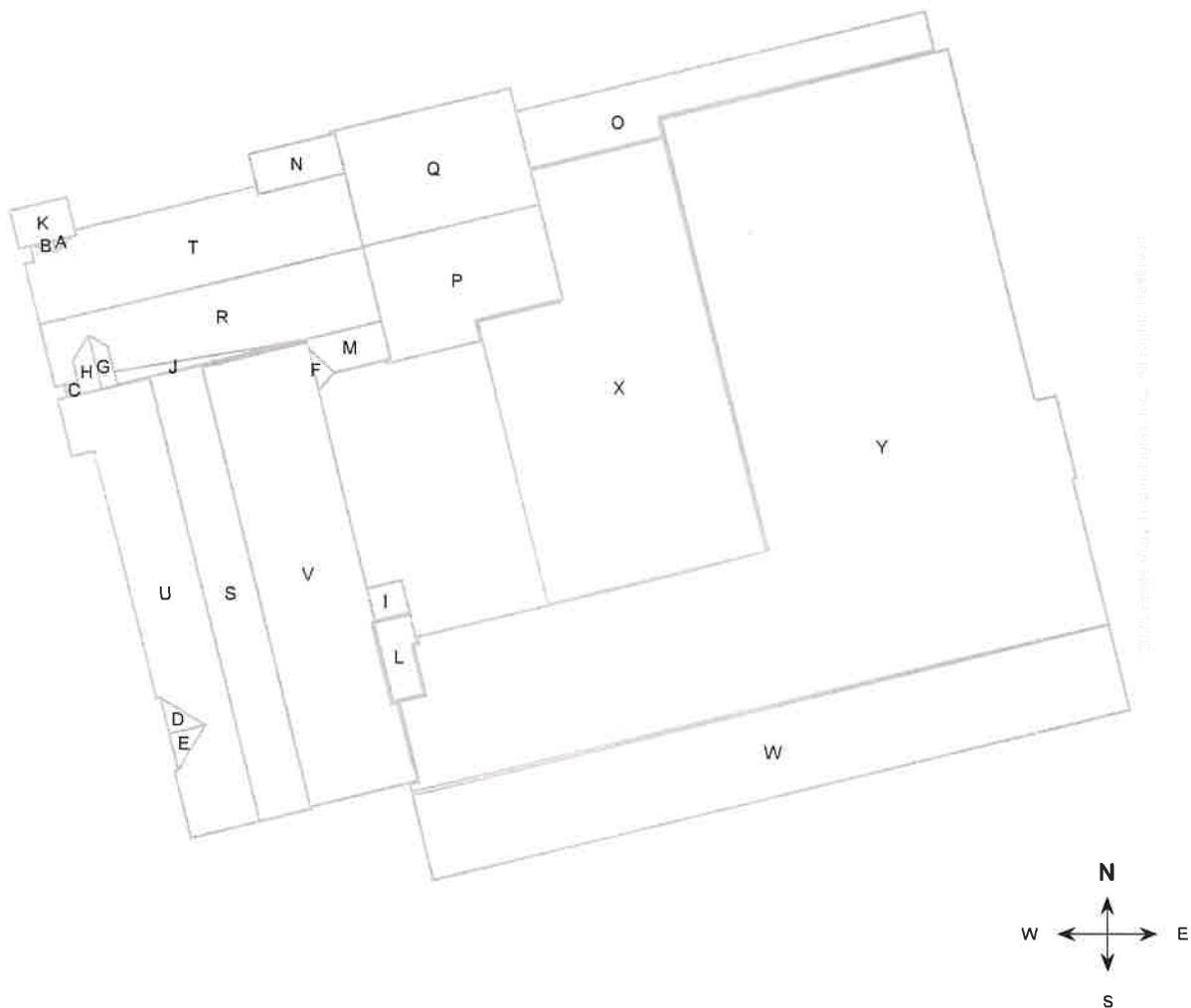


*Note: Any measured penetration smaller than 3x3 feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.*

## ROOF MEASUREMENT REPORT

### NOTES DIAGRAM

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



# ROOF MEASUREMENT REPORT

## REPORT SUMMARY

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

### Lengths, Areas and Pitches

Ridge.....	278 ft (6 Ridges)
Hips.....	0 ft (0 Hips)
Valleys.....	128 ft (8 Valleys)
Rakes*.....	297 ft (16 Rakes)
Eaves/Starter** .....	538 ft (20 Eaves)
Drip Edge (Eaves + Rakes) .....	835 ft (36 Lengths)
Parapet Walls.....	1,515 ft (36 Lengths)
Flashing.....	164 ft (10 Lengths)
Step Flashing .....	361 ft (28 Lengths)
Total Area .....	43,933 sq ft
Total Penetrations Area.....	632 sq ft
Total Roof Area Less Penetrations .....	43,301 sq ft
Total Penetrations Perimeter.....	672 ft
Predominant Pitch.....	0/12



Total Roof Facets = 25

\*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	1/12	3/12	4/12	5/12	7/12	12/12
<b>Area (sq ft)</b>	25390.2	3287.6	1309.1	49.9	459.3	3232.4	10204.4
<b>% of Squares</b>	57.8%	7.5%	3%	0.1%	1%	7.4%	23.2%

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%
<b>Area (sq ft)</b>	43,933	48326.3	49205.0	50523.0	51401.6	52719.6	53598.3
<b>Squares</b>	439.3	483.3	492.0	505.2	514.0	527.2	536.0

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
<b>Vertical Wall Area (sq ft)</b>	1515	3030	4545	6060	7575	9090	10605

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.

## ROOF MEASUREMENT REPORT

<b>Penetration Table</b>	1-9	10-24	25-42	43-45	46-48	49	50	51	52	53
Area (sq ft)	1	2.2	2.3	4	6.2	9	11.2	11.3	12.2	12.3
Perimeter (ft)	4	6	6	8	10	12	14	14	14	14
	<b>54-56</b>	<b>57</b>	<b>58</b>	<b>59</b>	<b>60</b>	<b>61</b>	<b>62</b>	<b>63</b>	<b>64</b>	<b>65</b>
Area (sq ft)	16	10.1	20.2	36	42.2	42.5	45.7	28.7	28.8	75
Perimeter (ft)	16	16.8	18	24	26	27	27.2	28	28	35
	<b>66</b>									
Area (sq ft)	84									
Perimeter (ft)	38									

*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.*