## PREPARED FOR

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| :--- | :--- |
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| Phone: | West Allis, WI 53214-3819 |
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## MEASUREMENTS

Total Roof Area $=3,717 \mathrm{sq} \mathrm{ft}$
Total Roof Facets $=26$
Predominant Pitch $=12 / 12$
Number of Stories >1
Total Ridges/Hips $=208 \mathrm{ft}$
Total Valleys $=106 \mathrm{ft}$
Total Rakes $=213 \mathrm{ft}$
Total Eaves $=303 \mathrm{ft}$

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


## LENGTH DIAGRAM

Total Line Lengths:
Ridges $=110 \mathrm{ft}$
Hips $=98 \mathrm{ft}$

$$
\begin{aligned}
& \text { Valleys }=106 \mathrm{ft} \\
& \text { Rakes }=213 \mathrm{ft} \\
& \text { Eaves }=303 \mathrm{ft}
\end{aligned}
$$

Flashing $=63 \mathrm{ft}$
Step flashing $=69 \mathrm{ft}$
Parapets $=0 \mathrm{ft}$


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 12/12


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. If present, a value of "F" indicates a flat facet (no pitch).

[^0] $8,209,152 ; 8,515,125 ; 8,825,454 ; 9,135,737 ; 8,670,961 ; 9,514,568 ; 8,818,770 ; 8,542,880 ; 9,244,589 ; 9,329,749 ; 9,599,466$. Other Patents Pending.

## AREA DIAGRAM

Total Area $=3,717 \mathrm{sq} \mathrm{ft}$, with 26 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).

Premium Report
12/13/2018

2879 N Grant Blvd, Milwaukee, WI 53210-2449

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


## REPORT SUMMARY

| Areas per Pitch | $0 / 12$ | $4 / 12$ | $5 / 12$ | $8 / 12$ | $10 / 12$ | $12 / 12$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: |
| Roof Pitches | 289.8 | 322.6 | 874.6 | 53.7 | 890.4 | 1286.3 |
| Area (sq ft) | $7.8 \%$ | $8.7 \%$ | $23.5 \%$ | $1.4 \%$ | $24 \%$ | $34.6 \%$ |
| $\%$ of Roof |  |  |  |  |  |  |

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 \% | $\mathbf{0 \%}$ | $\mathbf{1 0 \%}$ | $\mathbf{1 2 \%}$ | $\mathbf{1 5 \%}$ | $\mathbf{1 7 \%}$ | $\mathbf{2 0 \%}$ | $\mathbf{2 2 \%}$ |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Area (sq ft) | 3,717 | 4,089 | 4,163 | 4,275 | 4,349 | 4,460 | 4,535 |
| Squares | 37.2 | 40.9 | 41.6 | 42.7 | 43.5 | 44.6 | 45.3 |

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. Additional materials needed for ridge, hip, valley, and starter lengths are not included.


Total Roof Facets $=26$

## Lengths, Areas and Pitches

Ridges $=110 \mathrm{ft}$ (9 Ridges) Hips $=98 \mathrm{ft}(8 \mathrm{Hips})$. Valleys $=106 \mathrm{ft}$ (6 Valleys) Rakes* $=213 \mathrm{ft}$ (16 Rakes) Eaves/Starter** $=303 \mathrm{ft}$ (26 Eaves) Drip Edge (Eaves + Rakes) $=516 \mathrm{ft}$ ( 42 Lengths)
Parapet Walls $=0$ ( 0 Lengths).
Flashing $=63 \mathrm{ft}$ (8 Lengths)
Step flashing $=69 \mathrm{ft}$ (12 Lengths)
Total Area $=3,717 \mathrm{sq} \mathrm{ft}$
Predominant Pitch $=12 / 12$

## Property Location

Longitude $=-87.9661398$
Latitude $=43.0714160$

## Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

| $\|l\|$ | Measurements by Structure |  |  |  |  |  |  |  |  |
| :--- | :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Structure | Area <br> $(\mathbf{s q ~ f t )}$ | Ridges <br> $(\mathbf{f t})$ | Hips (ft) | Valleys <br> $(\mathbf{f t})$ | Rakes <br> $(\mathbf{f t})$ | Eaves <br> $(\mathrm{ft})$ | Flashing <br> $(\mathrm{ft})$ | Step Flashing <br> $(\mathrm{ft})$ | Parapet <br> $\mathbf{s ( f t )}$ |
| 1 | 2843 | 101 | 27 | 106 | 213 | 188 | 63 | 69 | 0 |
| 2 | 875 | 10 | 71 | 0 | 0 | 116 | 0 | 0 | 0 |

[^1]All values in this table are rounded up to the nearest Foot for each separate structure. Measurement totals displayed elsewhere in this report are added together before rounding which may cause totals to differ.

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

## Online Maps

Online map of property
http://maps.google.com/maps?f=g\&source=s_q\&hl=en\&geocode=\&q=2879+N+Grant+Blvd,Milwaukee,WI,53210-2449
Directions from ABC Supply Co. to this property
http://maps.google.com/maps?f=d\&source=s_d\&saddr=11111+W+Lapham+St,West+Allis,WI,53214-
3819\&daddr=2879+N+Grant+Blvd,Milwaukee,WI,53210-2449


[^0]:    

[^1]:    * Rakes are defined as roof edges that are sloped (not level).
    ** Eaves are defined as roof edges that are not sloped and level.

