## PREPARED FOR

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| :--- | :--- |
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## MEASUREMENTS

Total Roof Area $=3,356 \mathrm{sq} \mathrm{ft}$
Total Roof Facets $=12$
Predominant Pitch $=8 / 12$
Number of Stories <=1
Total Ridges/Hips $=122 \mathrm{ft}$
Total Valleys $=42 \mathrm{ft}$
Total Rakes $=0 \mathrm{ft}$
Total Eaves $=244 \mathrm{ft}$
Total Penetrations =18
Total Penetrations Perimeter $=174 \mathrm{ft}$
Total Penetrations Area $=151 \mathrm{sq} \mathrm{ft}$

## IMAGES

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


## IMAGES

North Side


South Side



West Side


## LENGTH DIAGRAM

Total Line Lengths:
Ridges $=\mathbf{2 ~ f t}$ Hips $=120 \mathrm{ft}$

$$
\begin{aligned}
& \text { Valleys }=42 \mathrm{ft} \\
& \text { Rakes }=0 \mathrm{ft} \\
& \text { Eaves }=244 \mathrm{ft}
\end{aligned}
$$

Flashing $=142 \mathrm{ft}$
Step flashing $=16 \mathrm{ft}$
Parapets $=132 \mathrm{ft}$


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 $8 / 12$


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 $=3,356 \mathrm{sq} \mathrm{ft}$, with 12 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 facets are labeled from smallest to largest (A to Z) for easy reference.


## PENETRATIONS NOTES DIAGRAM

Penetrations are labeled from smallest to largest for easy reference.
Total Penetrations $=18$
Total Penetrations Perimeter $=174 \mathrm{ft}$

Total Penetrations Area $=151 \mathrm{sq} \mathrm{ft}$
Total Roof Area Less Penetrations $=3,205$ sq ft


## REPORT SUMMARY

## All Structures

| Areas per Pitch |  |  |
| :--- | :---: | :---: |
| Roof Pitches | $0 / 12$ | $8 / 12$ |
| Area (sq ft) | 971.8 | 2384.0 |
| $\%$ of Roof | $29 \%$ | $71 \%$ |

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) | 3,356 | 3,692 | 3,759 | 3,859 | 3,927 | 4,027 | 4,094 |
| Squares | 33.6 | 36.9 | 37.6 | 38.6 | 39.3 | 40.3 | 40.9 |

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 | $1-7$ | $8-9$ | $10-11$ | 12 | $13-14$ | 15 | 16 | 17 | 18 |  |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Area (sq ft) | 1 | 2.3 | 4 | 6 | 6.2 | 7 | 18 | 44 | 43.7 |  |
| Perimeter (ft) | 4 | 6 | 8 | 10 | 10 | 11 | 22 | 27 | 27.8 |  |

Any measured penetration smaller than $3.0 \times 3.0$ Feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.

## All Structures Totals

Total Roof Facets $=12$
Total Penetrations $=18$

```
Lengths, Areas and Pitches
Ridges = 2 ft (1 Ridges)
Hips = 120 ft (9 Hips).
Valleys = 42 ft (4 Valleys)
Rakes }\mp@subsup{}{}{+}=0\textrm{ft}(0\mathrm{ Rakes)
Eaves/Starter }\mp@subsup{}{}{\dagger}=244 ft (12 Eaves
Drip Edge (Eaves + Rakes)= 244 ft (12 Lengths)
Parapet Walls = 132 (4 Lengths).
Flashing = 142 ft (7 Lengths)
Step flashing = 16 ft (4 Lengths)
Total Penetrations Area = 151 sq ft
Total Roof Area Less Penetrations = 3,205 sq ft
Total Penetrations Perimeter = 174 ft
Predominant Pitch = 8/12
Total Area (All Pitches) = 3,356 sq ft
Lengths, Areas and Pitches
Ridges \(=2\) ft (1 Ridges)
Hips \(=120 \mathrm{ft}\) (9 Hips).
Valleys \(=42 \mathrm{ft}\) (4 Valleys)
Rakes \({ }^{+}=0\) ft (0 Rakes)
Eaves/Starter \({ }^{\ddagger}=244 \mathrm{ft}\) (12 Eaves)
Drip Edge (Eaves + Rakes) \(=244 \mathrm{ft}\) (12 Lengths)
Parapet Walls = 132 (4 Lengths).
Flashing \(=142 \mathrm{ft}\) (7 Lengths)
Step flashing \(=16 \mathrm{ft}\) (4 Lengths)
Total Penetrations Area \(=151 \mathrm{sq} \mathrm{ft}\)
Total Roof Area Less Penetrations = 3,205 sq ft
Predominant Pitch = 8/12
Total Area (All Pitches) \(=\mathbf{3}, \mathbf{3 5 6} \mathbf{s q} \mathbf{~ f t}\)
```


## Property Location

Longitude $=-83.1584726$
Latitude $=40.1040435$

## Notes

This was ordered as a commercial property. There were no changes to the structure in the past four years.
Parapet Wall Area Table

| Wall Height (ft) | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

[^1]| Vertical Wall Area | 132 | 264 | 396 | 528 | 660 | 792 | 924 |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- | :--- |

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.

## Online Maps

Online map of property
http://maps.google.com/maps?f=g\&source=s_q\&hl=en\&geocode=\&q=6810+Perimeter+Loop+Rd,Dublin,OH,43017-3212
Directions from Technique Roofing Systems to this property
http://maps.google.com/maps?f=d\&source=s_d\&saddr=4006+County+Road+13,Burgoon,OH,43407\&daddr=6810+Perimeter+Loop+R d,Dublin,OH,43017-3212

[^2] $8,209,152 ; 8,515,125 ; 8,825,454 ; 9,135,737 ; 8,670,961 ; 9,514,568 ; 8,818,770 ; 8,542,880 ; 9,244,589 ; 9,329,749 ; 9,599,466$. Other Patents Pending.


[^0]:    

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

[^2]:    

