

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

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> This report can be used for roofing and solar installations. Roof Report Summary page is at the end of the report

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## Lengths

Ridges $=112 \mathrm{ft}$
Hips $=246 \mathrm{ft}$
Ralleys $=148 \mathrm{ft}$
Rakes $=109 \mathrm{ft}$
Eaves $=23 \mathrm{ft}$

Flashing = 35 ft
Step flashing $=85 \mathrm{ft}$
Parapets $=0 \mathrm{ft}$

The length diagram shows all linear measurements, color coded for easy reference

Accurate measurements generated remotely allow you to design without leaving the office


Numbers are rounded for readability.
Exact measurements are in the 3D model

## Pitch (Degrees)

Pitches are labeled for facet areas larger than 20 square feet. In some cases, pitch labels have been removed for readability. Flat facets are labeled ' $F$ '.


Accurate roof pitch per facet in degrees

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## Pitch (on 12)

Pitches are labeled for facet areas larger than 20 square feet. In some cases, pitch labels have been removed for readability. Flat facets are labeled ' $F$ '.


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## Rafters

Rafter lengths (rounded to the nearest whole number) over 5 feet. In some cases, segment labels have been removed for readability. Some numbers are prefaced by " + " signs to avoid confusion when rotated (e.g. +6 and +9 ).


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## Azimuth

The azimuth is the orientation of the structure to true north. In this diagram roof facet directions are labeled in degrees, with $0^{\circ}\left(360^{\circ}\right)$ as true north. Flat facets are labeled as ' $F$ '.


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## Area

The area is measured in square feet per roof facet. The values have been rounded to the nearest foot square.


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## Roof Obstructions

Roof obstruction are identified. 2D obstructions are captured by the JSON, XML, and DXF files.


January 22, 2020
Property Address:
1023 Florence Rd Oswego, OR 98321
Report: 32437685

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## Imagery <br>  <br> Top-down and side-view aerial imagery gives visual context for the measurements in the report

These are images of the property taken from multiple angles.

## TOP VIEW



## NORTH SIDE



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[^0]
## SOUTH SIDE



## EAST SIDE



[^1]
## WEST SIDE



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## Structure \#1

| Areas per Pitch |  |
| :--- | :--- |
| Roof Pitches |  |
| Area (sq ft) | $6 / 12$ |
| \% of Roof | 4680.5 |

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

## Structure Complexity

Simple Normal
Complex

## Waste Calculation

NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of $3 / 12$ pitch or greater. For total measurements of all pitches, please refer to the Lengths, Areas, and Pitches section below.

| Waste \% | $\mathbf{0 \%} \%$ | $1 \%$ | $6 \%$ | $11 \%$ | $14 \%$ | $\mathbf{1 6 \%}$ | $18 \%$ | $21 \%$ | $26 \%$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Area (Sq ft) | $\mathbf{4 6 8 1}$ | 4728 | 4962 | 5196 | 5337 | $\mathbf{5 4 3 0}$ | 5524 | 5665 | 5899 |
| Squares * | $\mathbf{4 7 . 0 0}$ | 47.33 | 49.66 | 52.00 | 53.66 | $\mathbf{5 4 . 3 3}$ | 55.33 | 56.66 | 59.00 |
|  | Measured |  |  |  |  | Suggested |  |  |  |

* Squares are rounded up to the $1 / 3$ of a square.

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide-actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.


Total Roof Facets $=11$ Total Roof Obstructions $=19$

Lengths, Areas and Pitches
Ridges $=48 \mathrm{ft}$ (4 Ridges)
Hips $=246 \mathrm{ft}$ (10 Hips).
Valleys $=102 \mathrm{ft}$ (4 Valleys)
Rakes $\dagger=0 \mathrm{ft}$ (0 Rakes)
Eaves/Starter $\ddagger=288 \mathrm{ft}(12$ Eaves)
Drip Edge (Eaves + Rakes $)=288 \mathrm{ft}(12$ Lengths $)$
Parapet Walls $=0$ ( 0 Lengths).
Flashing $=0 \mathrm{ft}$ (0 Lengths)
Step flashing $=0 \mathrm{ft}$ (0 Lengths)
Predominant Pitch $=6 / 12$
Total Area (All Pitches) $=\mathbf{4 6 8 1}$ sq ft

## Property Location

Longitude $=-111.9259134$
Latitude $=40.5604065$

## Notes

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

## Linear Measurements summarized, with the number of roof features

## Order roofing materials accurately with Suggested Waste Factor, calculated using the property's unique features

$\dagger$ Rakes are defined as roof edges that are sloped (not level).
$\neq$ Eaves are defined as roof edges that are not sloped and level.

January 22, 2020
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Report: 32437685

[^2]
## Structure \#2

| Areas per Pitch |  |  |  |
| :--- | :---: | :---: | :---: |
| Roof Pitches | $8 / 12$ | $12 / 12$ | $3 / 12$ |
| Area (sq ft) | 429.7 | 407.3 | 575.2 |
| $\%$ of Roof | $30.4 \%$ | $28.8 \%$ | $40.7 \%$ |

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

## Structure Complexity

Simple
Normal
Complex

## Waste Calculation

NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of $3 / 12$ pitch or greater. For total measurements of all pitches, please refer to the Lengths, Areas, and Pitches section below.

| Waste \% | $\mathbf{0 \%}$ | $4 \%$ | $9 \%$ | $12 \%$ | $\mathbf{1 4 \%}$ | $16 \%$ | $19 \%$ | $24 \%$ | $29 \%$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Area (Sq ft) | $\mathbf{1 4 1 3}$ | 1470 | 1541 | 1583 | $\mathbf{1 6 1 1}$ | 1640 | 1682 | 1753 | 1823 |
| Squares * | $\mathbf{1 4 . 3 3}$ | 15.00 | 15.66 | 16.00 | $\mathbf{1 6 . 3 3}$ | 16.66 | 17.00 | 17.66 | 18.33 |
|  | Measured |  |  |  |  |  |  |  |  |

* Squares are rounded up to the $1 / 3$ of a square.

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide-actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.


Total Roof Facets $=6$
Total Roof Obstructions $=19$

Lengths, Areas and Pitches
Ridges $=64 \mathrm{ft}$ (5 Ridges)
Hips $=0 \mathrm{ft}$ (0 Hips).
Valleys $=47 \mathrm{ft}$ (4 Valleys)
Rakes ${ }^{\dagger}=109 \mathrm{ft}$ (8 Rakes)
Eaves/Starter $=99 \mathrm{ft}(6$ Eaves)
Drip Edge (Eaves + Rakes) $=208 \mathrm{ft}$ ( 14 Lengths)
Parapet Walls $=0$ ( 0 Lengths).
Flashing $=29 \mathrm{ft}$ (6 Lengths)
Step flashing $=24 \mathrm{ft}$ (4 Lengths)
Predominant Pitch $=3 / 12$
Total Area (All Pitches) $=\mathbf{1 4 1 3}$ sq ft

## Property Location

Longitude $=-111.9259134$
Latitude $=40.5604065$

## Notes

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

[^3]$\neq$ Eaves are defined as roof edges that are not sloped and level.

## January 22, 2020

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[^4]
## ROOFING REPORT SUMMARY

| All Structures | Summary provided for all roof facets for all roof structures included in the report |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Areas per Pitch |  |  |  |  |
| Roof Pitches | 3/12 | 6/12 | 8/12 | 12/12 |
| Area (sq ft) | 575.2 | 4680.6 | 429.7 | 407.2 |
| \% of Roof | 9.4\% | 76.8\% | 7.1\% | 6.7\% |

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

## All Structures Totals



Total Roof Facets $=17$ Total Roof Obstructions $=19$

```
Lengths, Areas and Pitches
Ridges \(=112 \mathrm{ft}\) (9 Ridges)
Hips \(=246 \mathrm{ft}(10 \mathrm{Hips})\).
Valleys \(=148 \mathrm{ft}\) (8 Valleys)
Rakes \(^{+}=109\) ft (8 Rakes)
Eaves/Starter \({ }^{\ddagger}=386 \mathrm{ft}\) (18 Eaves)
Drip Edge (Eaves + Rakes \()=495 \mathrm{ft}(26\) Lengths)
Parapet Walls \(=0\) ( 0 Lengths).
Flashing \(=29 \mathrm{ft}\) (6 Lengths)
Step flashing \(=24 \mathrm{ft}\) (4 Lengths)
Total Roof Obstructions Area \(=40 \mathrm{sq} \mathrm{ft}\)
Total Roof Area Less Roof Obstructions = 6,053 sq ft
Total Roof Obstructions Perimeter \(=79 \mathrm{ft}\)
Predominant Pitch \(=6 / 12\)
Total Area (All Pitches) \(=\mathbf{6}, 093 \mathrm{sq} \mathrm{ft}\)
```


## Property Location

Longitude $=-111.9259134$
Latitude $=40.5604065$

## Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.
$\dagger \quad$ Rakes are defined as roof edges that are sloped (not level).
$\neq$ Eaves are defined as roof edges that are not sloped and level.

[^5]
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