# Roof Report

Prepared by Roofr

2131 Ohio 55, Troy, OH 45373
Tom Meyer

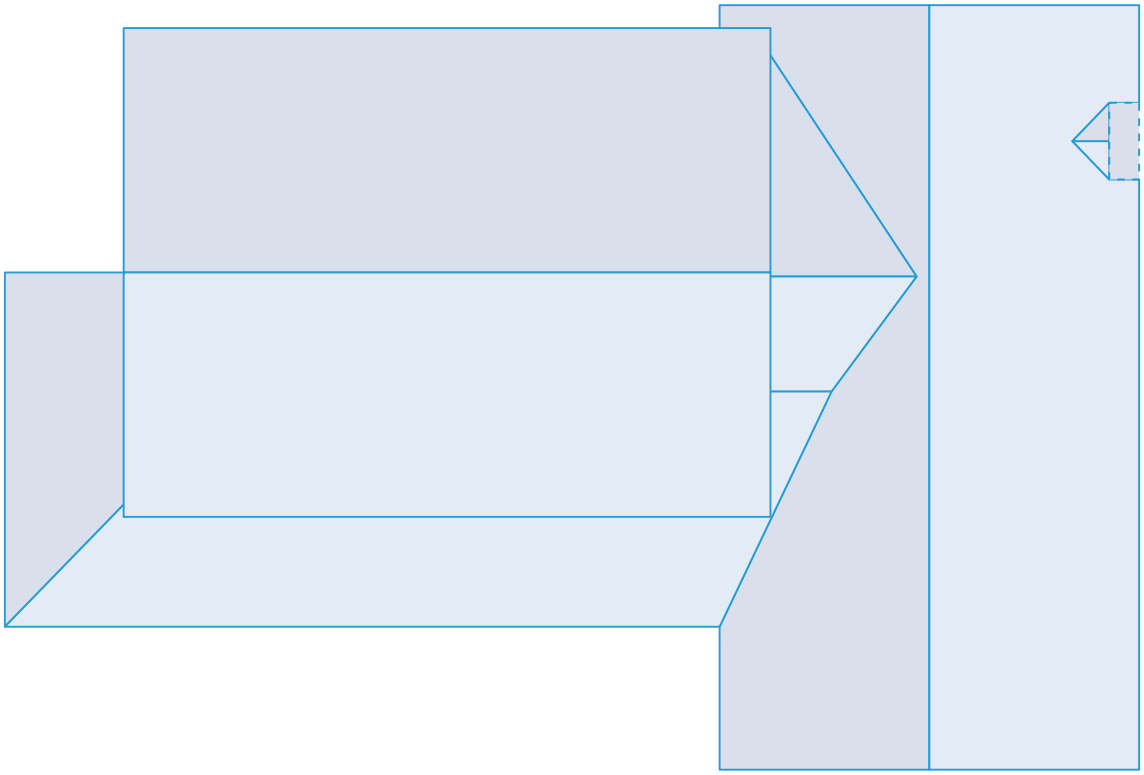
3963 sqft
10 facets
Predominant pitch 8/12




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# Diagram

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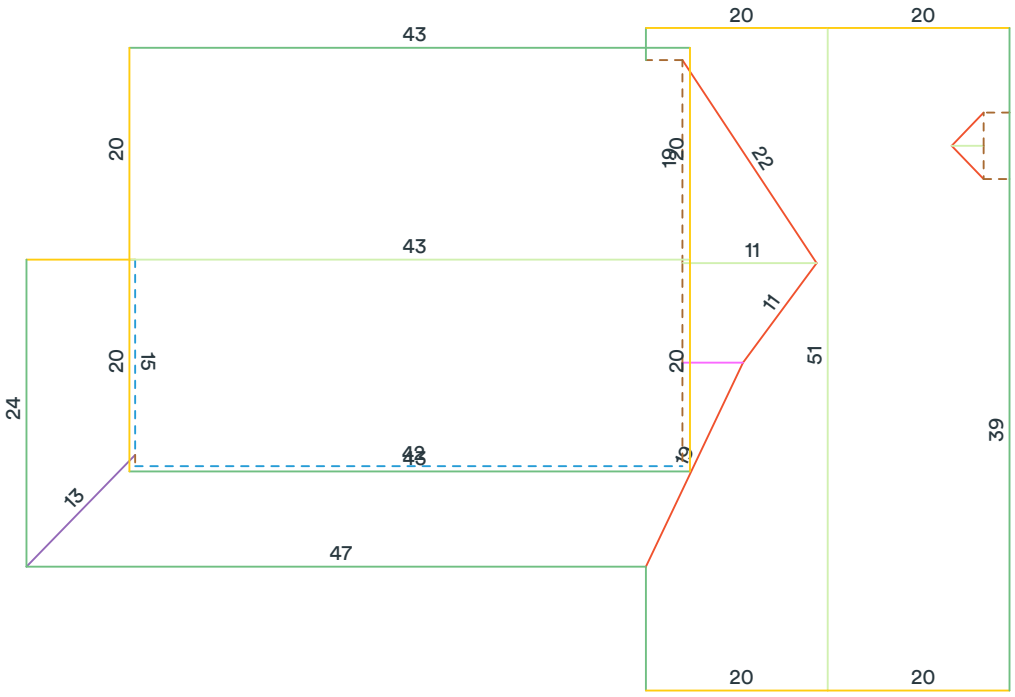


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# Length measurement report

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- Eaves: 217ft 7in
- Ridges: 105ft 6in
- Step flashing: 53ft 8in
- Unspecified: 0ft 0in
- Valleys: 59ft 3in
- Rakes: 163ft 8in
- Transitions: 4ft 7in
- Hips: 12ft 4in
- Wall flashing: 56ft 5in
- Parapet wall: 0ft 0in




Measurements in diagram are rounded up for display. Some edge lengths may be hidden from diagram to avoid overcrowding.

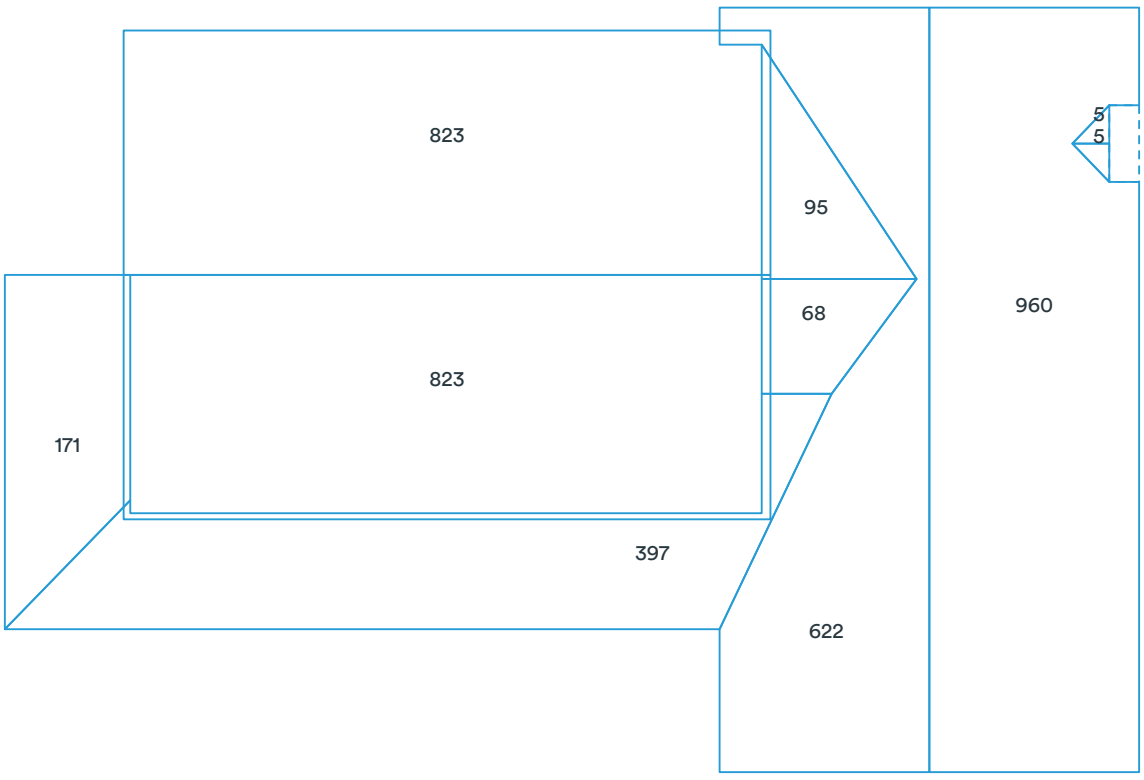
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# Area measurement report

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Total roof area: 3963 sqft
Pitched roof area: 3963 sqft
Flat roof area: 0 sqft
Two story area: 0 sqft
Two layer area: 0 sqft

Predominant pitch: 8/12
Predominant pitch area: 1807 sqft
Unspecified pitch area: 0 sqft





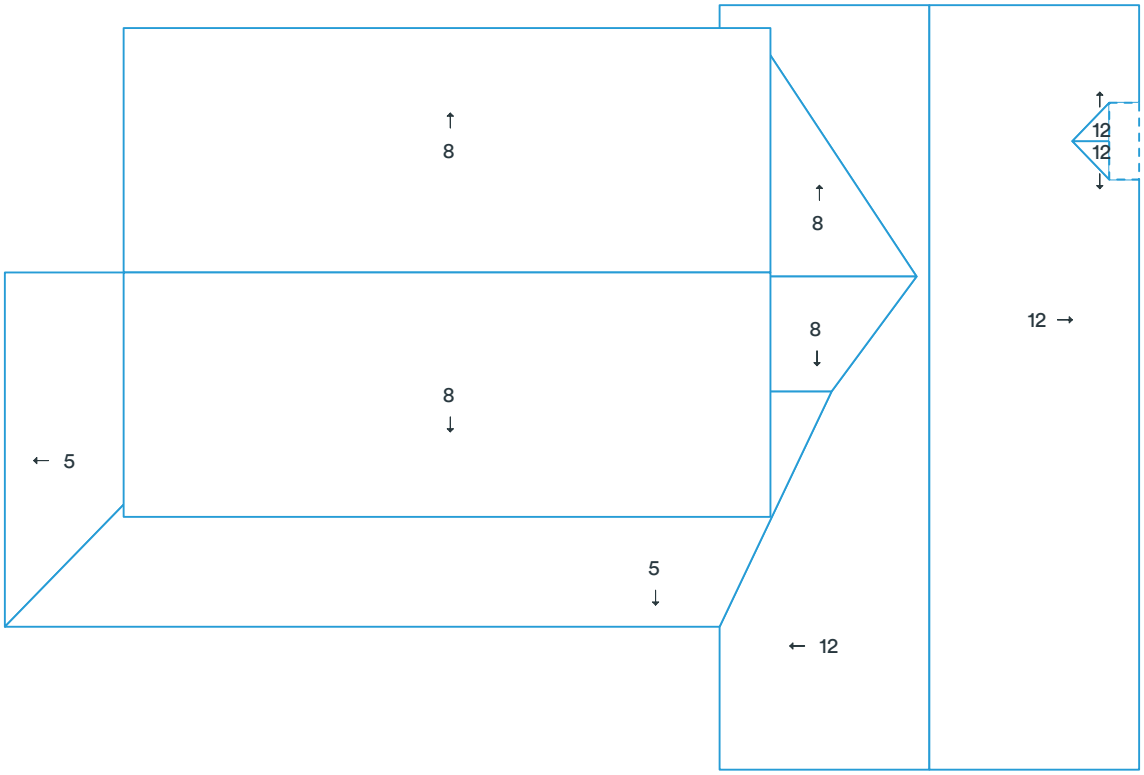


Area measurements in diagram are rounded. The totals at the top of the page are the sums of the exact measurements, which are then rounded. Deleted facets (skylights, chimneys, etc.) are designated with a dashed line and are excluded from the calculations.

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# Pitch & direction measurement report

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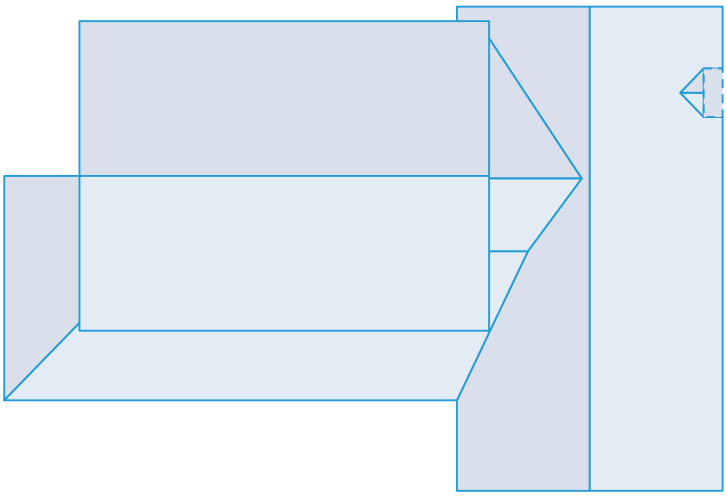


Deleted facets are designated with a dashed line and do not have a pitch.

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# Report summary

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## Measurements

| | |
|---|---|
| Total roof area | 3963 sqft |
| Total pitched area | 3963 sqft |
| Total flat area | 0 sqft |
| Total roof facets | 10 facets |
| Predominant pitch | 8/12 |
| Total eaves | 217ft 7in |
| Total valleys | 59ft 3in |
| Total hips | 12ft 4in |
| Total ridges | 105ft 6in |
| Total rakes | 163ft 8in |
| Total wall flashing | 56ft 5in |
| Total step flashing | 53ft 8in |
| Total transitions | 4ft 7in |
| Total parapet wall | 0ft 0in |
| Total unspecified | 0ft 0in |
| Hips + ridges | 117ft 10in |
| Eaves + rakes | 381ft 3in |

| Pitch | 5/12 | 8/12 | 12/12 |
|---|---|---|---|
| Area (sqft) | 568 | 1,807 | 1,590 |
| Squares | 5.7 | 18.1 | 15.9 |

Recommended

| Waste % | 0% | 10% | 12% | 15% | 17% | 20% | 22% |
|---|---|---|---|---|---|---|---|
| Area (sqft) | 3,964 | 4,360 | 4,439 | 4,558 | 4,637 | 4,756 | 4,835 |
| Squares | 39.7 | 43.6 | 44.4 | 45.6 | 46.4 | 47.6 | 48.4 |

Recommended waste is based on an asphalt shingle roof with a closed valley system (if applicable). Several other factors are involved in determining which waste percentage to use, including the complexity of the roof and individual roof application style. You will also need to calculate the post-waste quantity of other materials needed (hip and ridge caps, starter shingle, etc.).

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# Material calculations

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| Product | Unit | Waste (0%) | Waste (10%) | Waste (15%) | Waste (20%) |
|---|---|---|---|---|---|
| Shingle (total sqft) | | 3,964 sqft | 4,360 sqft | 4,558 sqft | 4,756 sqft |
| IKO - Cambridge | bundle | 120 | 131 | 137 | 143 |
| CertainTeed - Landmark | bundle | 121 | 133 | 139 | 145 |
| GAF - Timberline | bundle | 121 | 133 | 139 | 145 |
| Owens Corning - Duration | bundle | 121 | 133 | 139 | 145 |
| Atlas - Pristine | bundle | 121 | 133 | 139 | 145 |
| Starter (eaves + rakes) | | 382 ft | 420 ft | 439 ft | 458 ft |
| IKO - Leading Edge Plus | bundle | 4 | 4 | 4 | 4 |
| CertainTeed - SwiftStart | bundle | 4 | 4 | 4 | 4 |
| GAF - Pro-Start | bundle | 4 | 4 | 4 | 4 |
| Owens Corning - Starter Strip | bundle | 4 | 4 | 5 | 5 |
| Atlas - Pro-Cut | bundle | 3 | 3 | 4 | 4 |
| Ice and Water (eaves + valleys + flashings) | | 387 ft | 426 ft | 445 ft | 465 ft |
| IKO - StormShield | roll | 6 | 7 | 7 | 8 |
| CertainTeed - WinterGuard | roll | 6 | 7 | 7 | 8 |
| GAF - WeatherWatch | roll | 6 | 7 | 7 | 7 |
| Owens Corning - WeatherLock | roll | 6 | 6 | 6 | 7 |
| Atlas - Weathermaster | roll | 6 | 7 | 7 | 8 |
| Synthetic (total sqft; no laps) | | 3,964 sqft | 4,360 sqft | 4,558 sqft | 4,756 sqft |
| IKO - Stormtite | roll | 4 | 5 | 5 | 5 |
| CertainTeed - RoofRunner | roll | 4 | 5 | 5 | 5 |
| GAF - Deck-Armor | roll | 4 | 5 | 5 | 5 |
| Owens Corning - RhinoRoof | roll | 4 | 5 | 5 | 5 |
| Atlas - Summit | roll | 4 | 5 | 5 | 5 |
| Capping (hips + ridges) | | 118 ft | 130 ft | 136 ft | 142 ft |
| IKO - Hip and Ridge | bundle | 3 | 4 | 4 | 4 |
| CertainTeed - Shadow Ridge | bundle | 4 | 5 | 5 | 5 |
| GAF - Seal-A-Ridge | bundle | 5 | 6 | 6 | 6 |
| Owens Corning - DecoRidge | bundle | 6 | 7 | 7 | 8 |
| Atlas - Pro-Cut H&R | bundle | 4 | 5 | 5 | 5 |
| Other | | | | | |
| 8' Valley (no laps) | sheet | 8 | 9 | 9 | 9 |
| 10' Drip Edge (eaves + rakes; no laps) | sheet | 39 | 42 | 44 | 46 |

These calculations are estimates and are not guaranteed. Always double check calculations before ordering materials. Estimates are based off of the total pitched area (i.e., flat area is excluded).

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