



Roof Report

Prepared by Roofr

10321 Lees Crossing Lane, Fredericksburg, VA 22408

3133 sqft

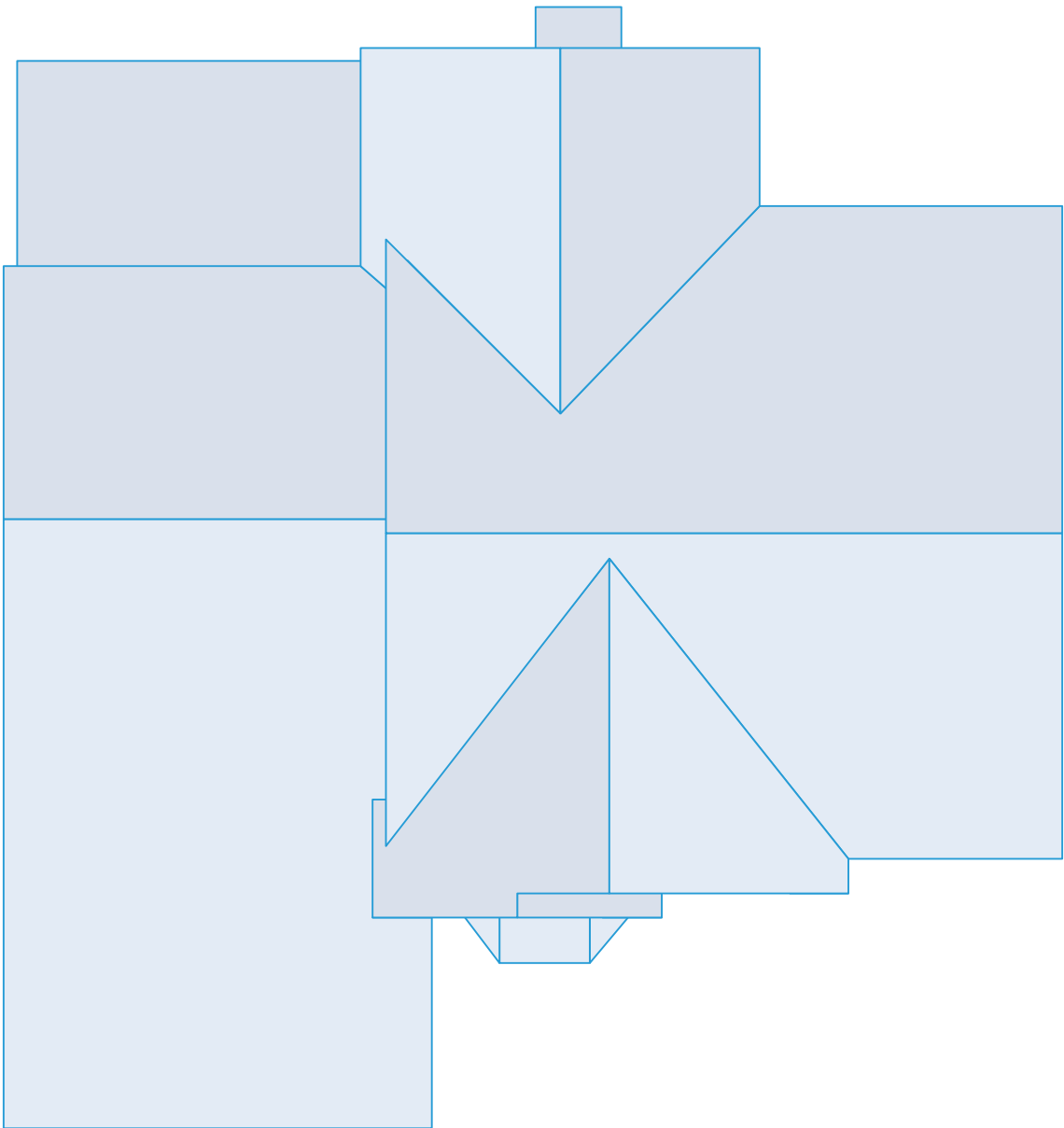
17 facets

Predominant pitch 8/12



Diagram

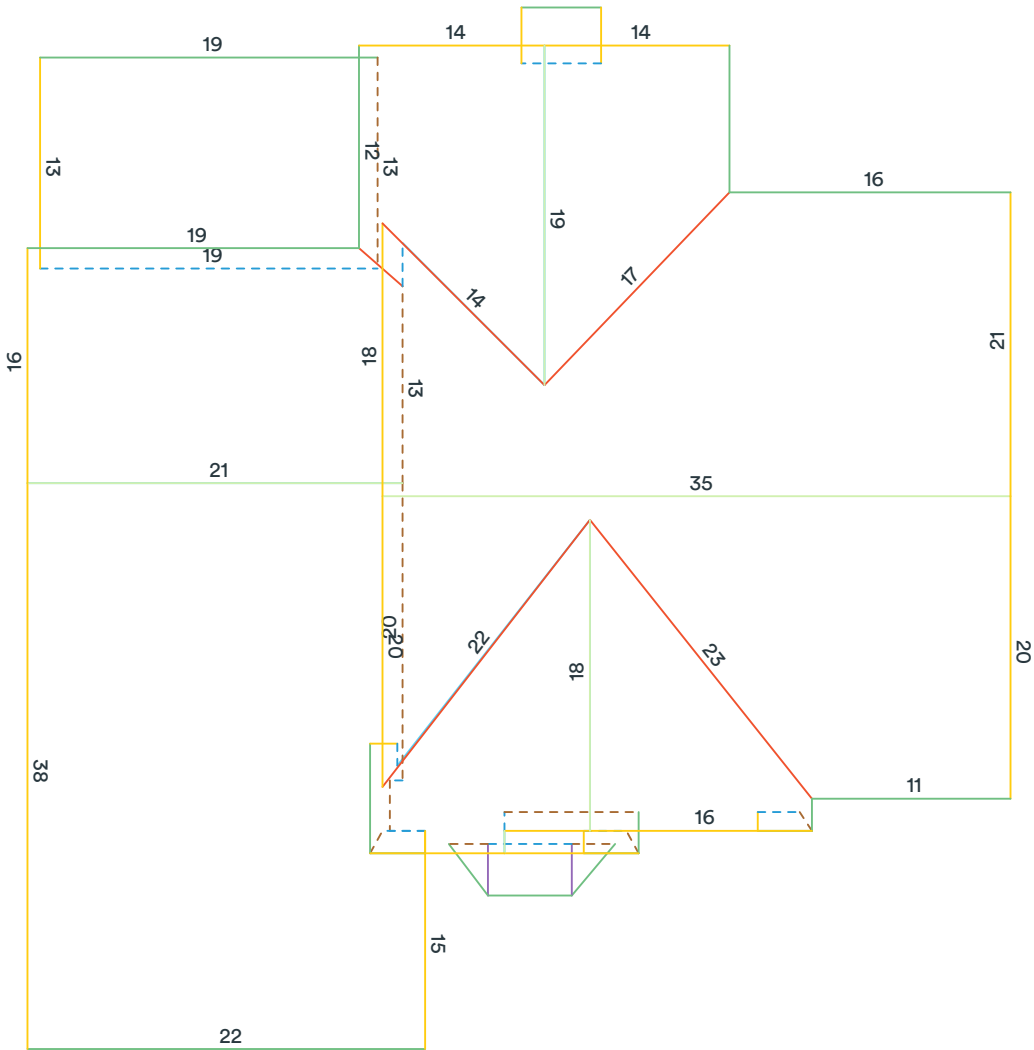
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Length measurement report

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- Eaves: 139ft 7in
- Ridges: 92ft 2in
- Step flashing: 68ft 9in
- Unspecified: 85ft 10in
- Valleys: 78ft 3in
- Rakes: 238ft 9in
- Transitions: 0ft 0in
- Hips: 6ft 4in
- Wall flashing: 41ft 10in
- Parapet wall: 0ft 0in



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

Area measurement report

10321 Lees Crossing Lane, Fredericksburg, VA 22408

Total roof area: 3133 sqft

Pitched roof area: 3133 sqft

Flat roof area: 0 sqft

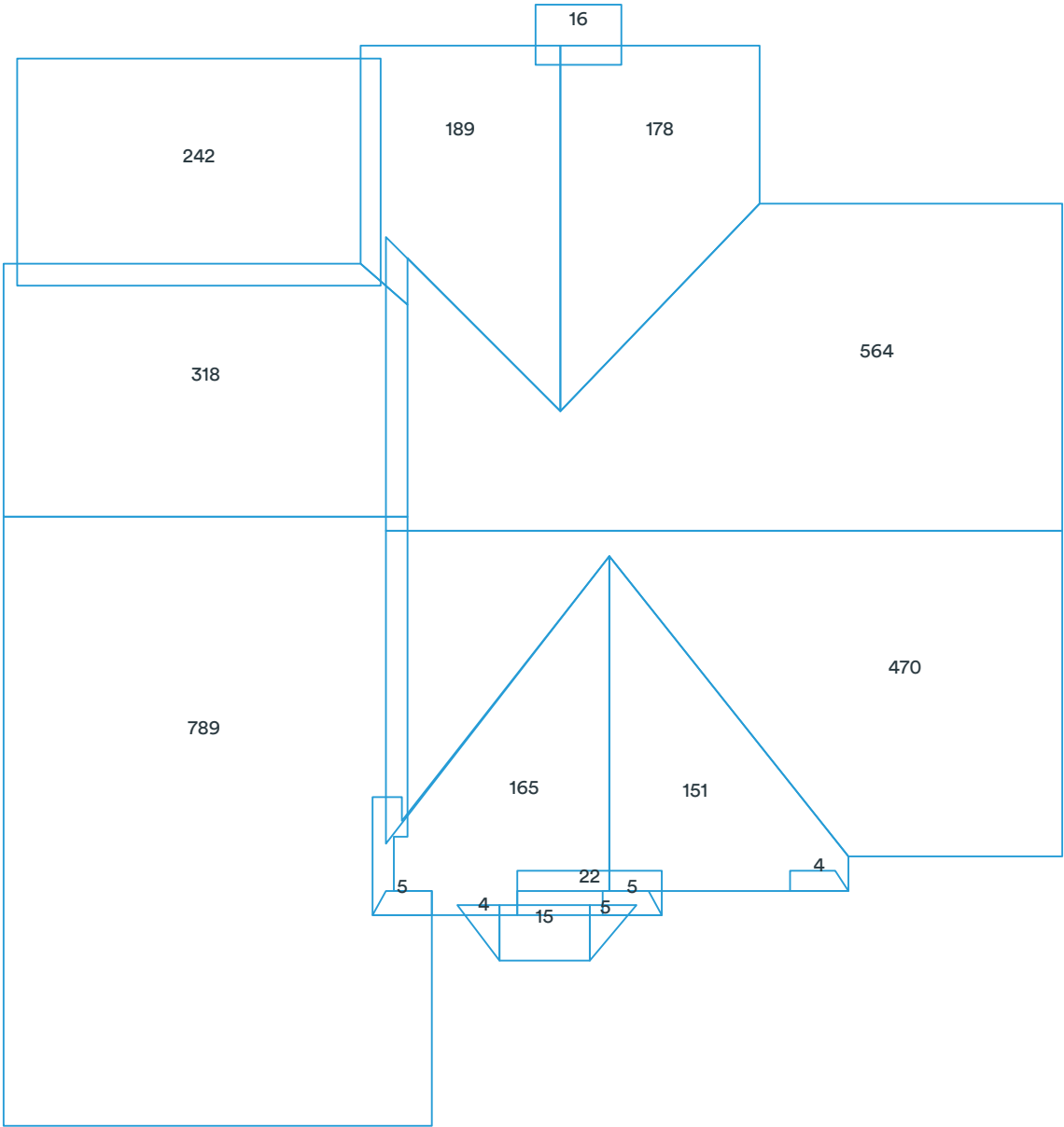
Two story area: 0 sqft

Two layer area: 0 sqft

Predominant pitch: 8/12

Predominant pitch area: 2147 sqft

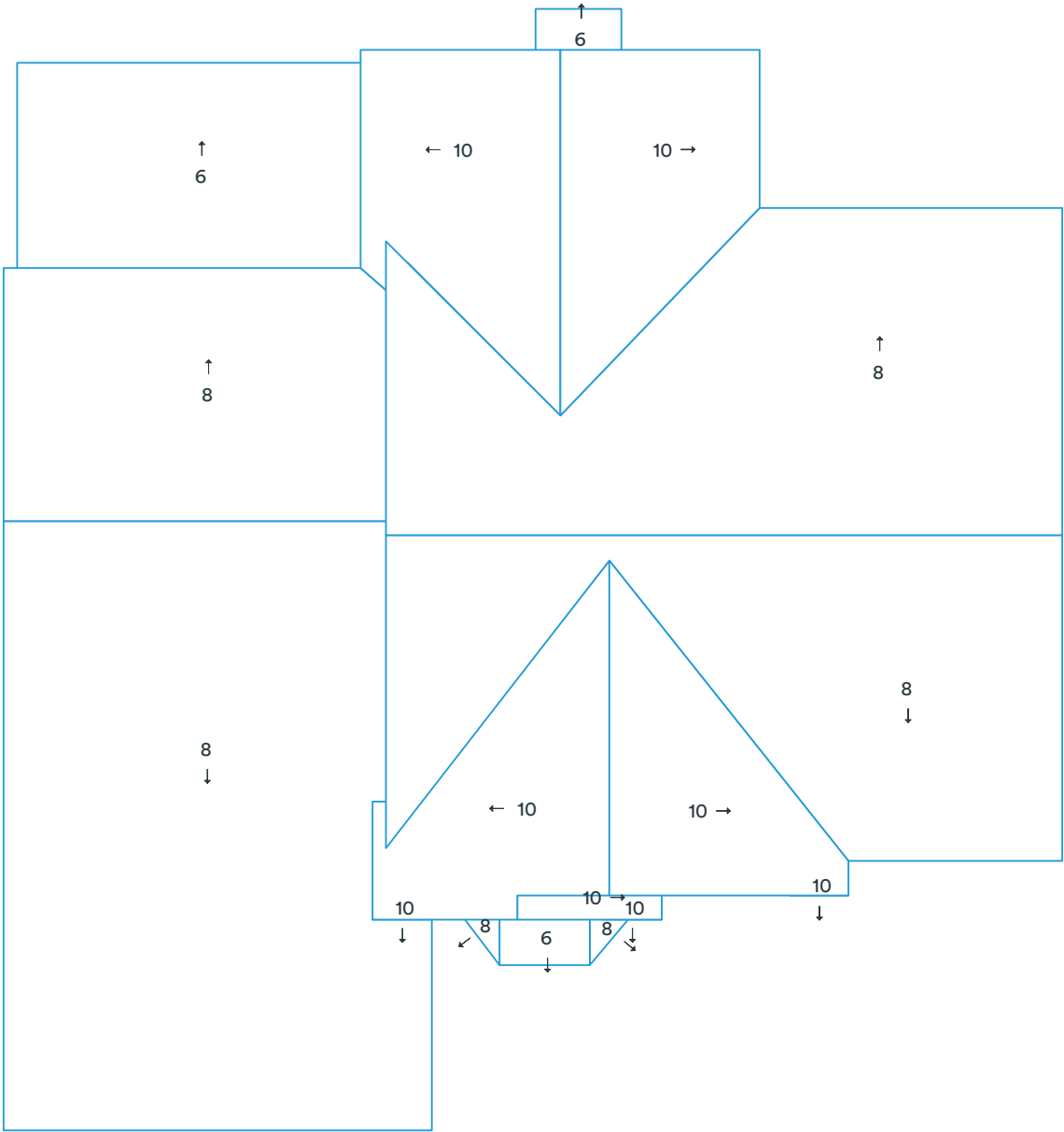
Unspecified pitch area: 0 sqft



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.

Pitch & direction measurement report

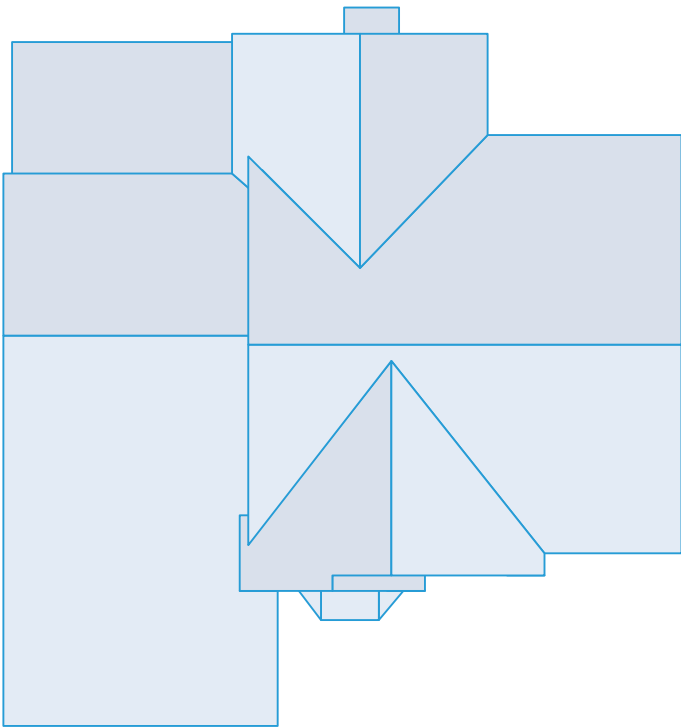
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Deleted facets are designated with a dashed line and do not have a pitch.

Report summary

10321 Lees Crossing Lane, Fredericksburg, VA 22408



Measurements

Total roof area	3133 sqft
Total pitched area	3133 sqft
Total flat area	0 sqft
Total roof facets	17 facets
Predominant pitch	8/12
Total eaves	139ft 7in
Total valleys	78ft 3in
Total hips	6ft 4in
Total ridges	92ft 2in
Total rakes	238ft 9in
Total wall flashing	41ft 10in
Total step flashing	68ft 9in
Total transitions	0ft 0in
Total parapet wall	0ft 0in
Total unspecified	85ft 10in
Hips + ridges	98ft 6in
Eaves + rakes	378ft 4in

Pitch	6/12	8/12	10/12
Area (sqft)	271	2,148	715
Squares	2.8	21.5	7.2

Recommended

Waste %	10%	12%	15%	16%	17%	20%	22%
Area (sqft)	3,446	3,509	3,603	3,634	3,666	3,760	3,822
Squares	34.5	35.1	36.1	36.4	36.7	37.6	38.3

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 (10%)	Waste (15%)	Waste (16%)	Waste (20%)
Shingle (total sqft)		3,446 sqft	3,603 sqft	3,634 sqft	3,760 sqft
IKO - Cambridge	bundle	104	109	110	113
CertainTeed - Landmark	bundle	106	110	111	115
GAF - Timberline	bundle	106	110	111	115
Owens Corning - Duration	bundle	106	110	111	115
Atlas - Pristine	bundle	105	110	111	114
Starter (eaves + rakes)		417 ft	436 ft	439 ft	454 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	5	5	5
Atlas - Pro-Cut	bundle	3	4	4	4
Ice and Water (eaves + valleys + flashings)		362 ft	378 ft	381 ft	395 ft
IKO - StormShield	roll	6	6	6	7
CertainTeed - WinterGuard	roll	6	6	6	7
GAF - WeatherWatch	roll	6	6	6	6
Owens Corning - WeatherLock	roll	5	6	6	6
Atlas - Weathermaster	roll	6	6	6	7
Synthetic (total sqft; no laps)		3,446 sqft	3,603 sqft	3,634 sqft	3,760 sqft
IKO - Stormtite	roll	4	4	4	4
CertainTeed - RoofRunner	roll	4	4	4	4
GAF - Deck-Armor	roll	4	4	4	4
Owens Corning - RhinoRoof	roll	4	4	4	4
Atlas - Summit	roll	4	4	4	4
Capping (hips + ridges)		109 ft	114 ft	115 ft	119 ft
IKO - Hip and Ridge	bundle	3	3	3	3
CertainTeed - Shadow Ridge	bundle	4	4	4	4
GAF - Seal-A-Ridge	bundle	5	5	5	5
Owens Corning - DecoRidge	bundle	6	6	6	6
Atlas - Pro-Cut H&R	bundle	4	4	4	4
Other					
8' Valley (no laps)	sheet	11	12	12	12
10' Drip Edge (eaves + rakes; no laps)	sheet	42	44	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).