



Roof Report

Prepared by Roofr

501 Park Hill Drive, Fredericksburg, VA 22401

10648 sqft

14 facets

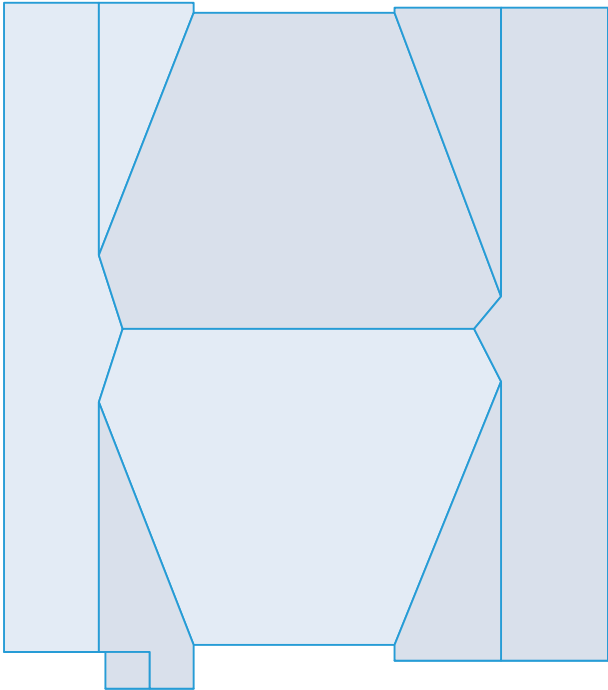
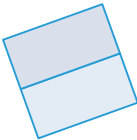
Predominant pitch 8/12



Nearmap Feb 14, 2024

Diagram

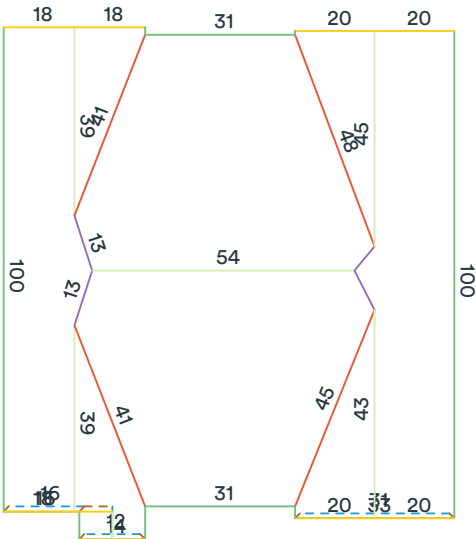
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Length measurement report

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- Eaves: 371ft 11in
- Ridges: 239ft 5in
- Step flashing: 14ft 10in
- Unspecified: 5ft 7in
- Valleys: 176ft 2in
- Rakes: 191ft 3in
- Transitions: 0ft 0in
- Hips: 40ft 9in
- Wall flashing: 58ft 9in
- Parapet wall: 0ft 0in

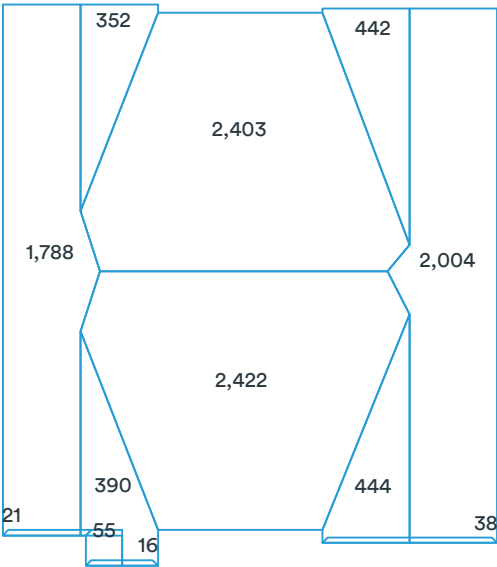
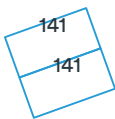


Measurements in diagram are rounded up for display. Some edge lengths may be hidden from diagram to avoid overcrowding.

Area measurement report

501 Park Hill Drive, Fredericksburg, VA 22401

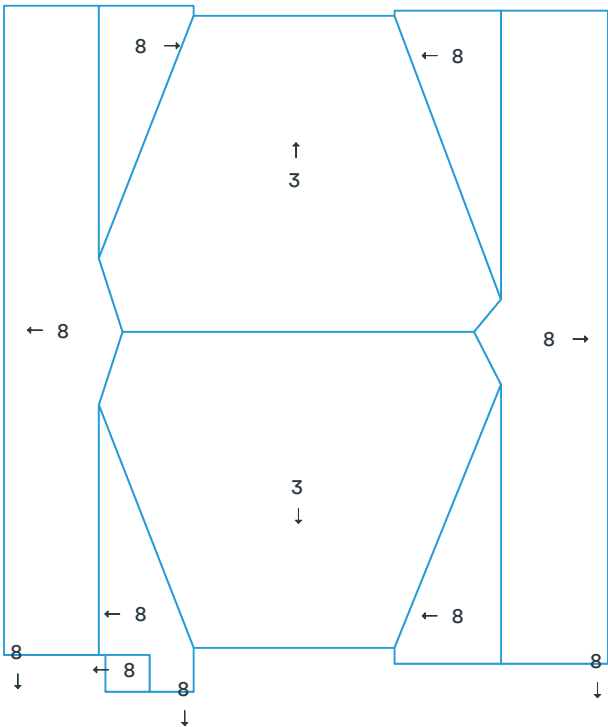
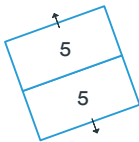
Total roof area: 10648 sqft	Predominant pitch: 8/12
Pitched roof area: 10648 sqft	Predominant pitch area: 5543 sqft
Flat roof area: 0 sqft	Unspecified pitch area: 0 sqft
Two story area: 0 sqft	
Two layer area: 0 sqft	



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

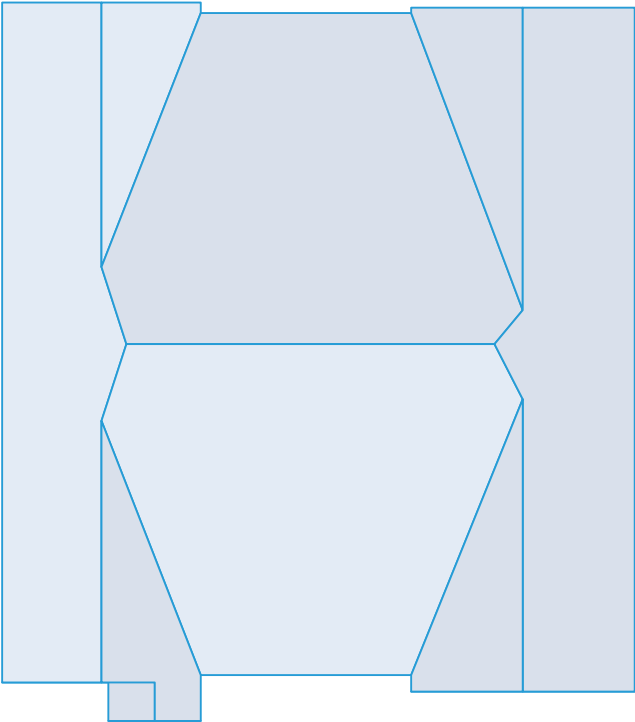
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Deleted facets are designated with a dashed line and do not have a pitch.

Structure #1 summary

501 Park Hill Drive, Fredericksburg, VA 22401



Measurements

Total roof area	10367 sqft
Total pitched area	10367 sqft
Total flat area	0 sqft
Total roof facets	12 facets
Predominant pitch	8/12
Total eaves	339ft 7in
Total valleys	176ft 2in
Total hips	40ft 9in
Total ridges	223ft 3in
Total rakes	156ft 6in
Total wall flashing	58ft 9in
Total step flashing	14ft 10in
Total transitions	0ft 0in
Total parapet wall	0ft 0in
Total unspecified	5ft 7in
Hips + ridges	264ft 1in
Eaves + rakes	496ft 1in

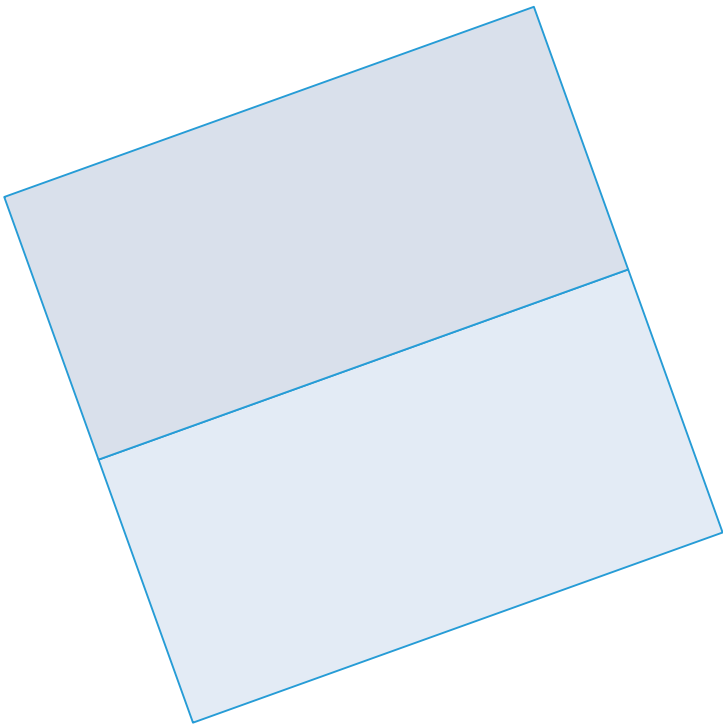
Pitch	3/12	8/12
Area (sqft)	4,824	5,544
Squares	48.3	55.5

Recommended

Waste %	0%	6%	10%	12%	15%	17%	20%
Area (sqft)	10,367	10,989	11,404	11,611	11,922	12,129	12,440
Squares	103.7	109.9	114.1	116.2	119.3	121.3	124.4

Structure #2 summary

501 Park Hill Drive, Fredericksburg, VA 22401



Measurements

Total roof area	281 sqft
Total pitched area	281 sqft
Total flat area	0 sqft
Total roof facets	2 facets
Predominant pitch	5/12
Total eaves	32ft 4in
Total valleys	0ft 0in
Total hips	0ft 0in
Total ridges	16ft 2in
Total rakes	34ft 9in
Total wall flashing	0ft 0in
Total step flashing	0ft 0in
Total transitions	0ft 0in
Total parapet wall	0ft 0in
Total unspecified	0ft 0in
Hips + ridges	16ft 2in
Eaves + rakes	67ft 0in

Pitch	5/12
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Area (sqft)	282
Squares	2.9

Recommended

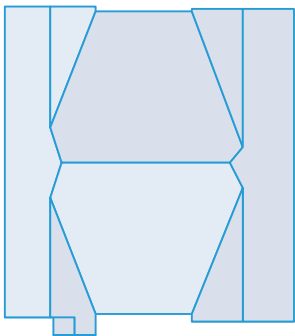
Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sqft)	282	310	315	324	329	338	343
Squares	2.9	3.1	3.2	3.3	3.3	3.4	3.5

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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Report summary

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Measurements

Total roof area	10648 sqft
Total pitched area	10648 sqft
Total flat area	0 sqft
Total roof facets	14 facets
Predominant pitch	8/12
Total eaves	371ft 11in
Total valleys	176ft 2in
Total hips	40ft 9in
Total ridges	239ft 5in
Total rakes	191ft 3in
Total wall flashing	58ft 9in
Total step flashing	14ft 10in
Total transitions	0ft 0in
Total parapet wall	0ft 0in
Total unspecified	5ft 7in
Hips + ridges	280ft 2in
Eaves + rakes	563ft 2in

Pitch	3/12	5/12	8/12
Area (sqft)	4,824	282	5,544
Squares	48.3	2.9	55.5

Recommended

Waste %	0%	6%	10%	12%	15%	17%	20%
Area (sqft)	10,648	11,287	11,713	11,926	12,245	12,458	12,778
Squares	106.5	112.9	117.2	119.3	122.5	124.6	127.8

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

501 Park Hill Drive, Fredericksburg, VA 22401

Product	Unit	Waste (0%)	Waste (6%)	Waste (10%)	Waste (15%)
Shingle (total sqft)		10,648 sqft	11,287 sqft	11,713 sqft	12,245 sqft
IKO - Cambridge	bundle	320	339	352	368
CertainTeed - Landmark	bundle	325	345	358	374
GAF - Timberline	bundle	325	345	358	374
Owens Corning - Duration	bundle	325	345	358	374
Atlas - Pristine	bundle	323	343	355	372
Starter (eaves + rakes)		564 ft	597 ft	620 ft	648 ft
IKO - Leading Edge Plus	bundle	5	6	6	6
CertainTeed - SwiftStart	bundle	5	6	6	6
GAF - Pro-Start	bundle	5	5	6	6
Owens Corning - Starter Strip	bundle	6	6	6	7
Atlas - Pro-Cut	bundle	5	5	5	5
Ice and Water (eaves + valleys + flashings)		622 ft	660 ft	684 ft	715 ft
IKO - StormShield	roll	10	11	11	11
CertainTeed - WinterGuard	roll	10	11	11	11
GAF - WeatherWatch	roll	10	10	11	11
Owens Corning - WeatherLock	roll	9	9	10	10
Atlas - Weathermaster	roll	10	11	11	11
Synthetic (total sqft; no laps)		10,648 sqft	11,287 sqft	11,713 sqft	12,245 sqft
IKO - Stormtite	roll	11	12	12	13
CertainTeed - RoofRunner	roll	11	12	12	13
GAF - Deck-Armor	roll	11	12	12	13
Owens Corning - RhinoRoof	roll	11	12	12	13
Atlas - Summit	roll	11	12	12	13
Capping (hips + ridges)		281 ft	298 ft	309 ft	323 ft
IKO - Hip and Ridge	bundle	8	8	8	9
CertainTeed - Shadow Ridge	bundle	10	10	11	11
GAF - Seal-A-Ridge	bundle	12	12	13	13
Owens Corning - DecoRidge	bundle	15	15	16	17
Atlas - Pro-Cut H&R	bundle	10	10	10	11
Other					
8' Valley (no laps)	sheet	23	24	25	26
10' Drip Edge (eaves + rakes; no laps)	sheet	57	60	62	65

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).