



Roof Report

Prepared by Roofr

1728 East Kael Street, Mesa, AZ 85203

4657 sqft

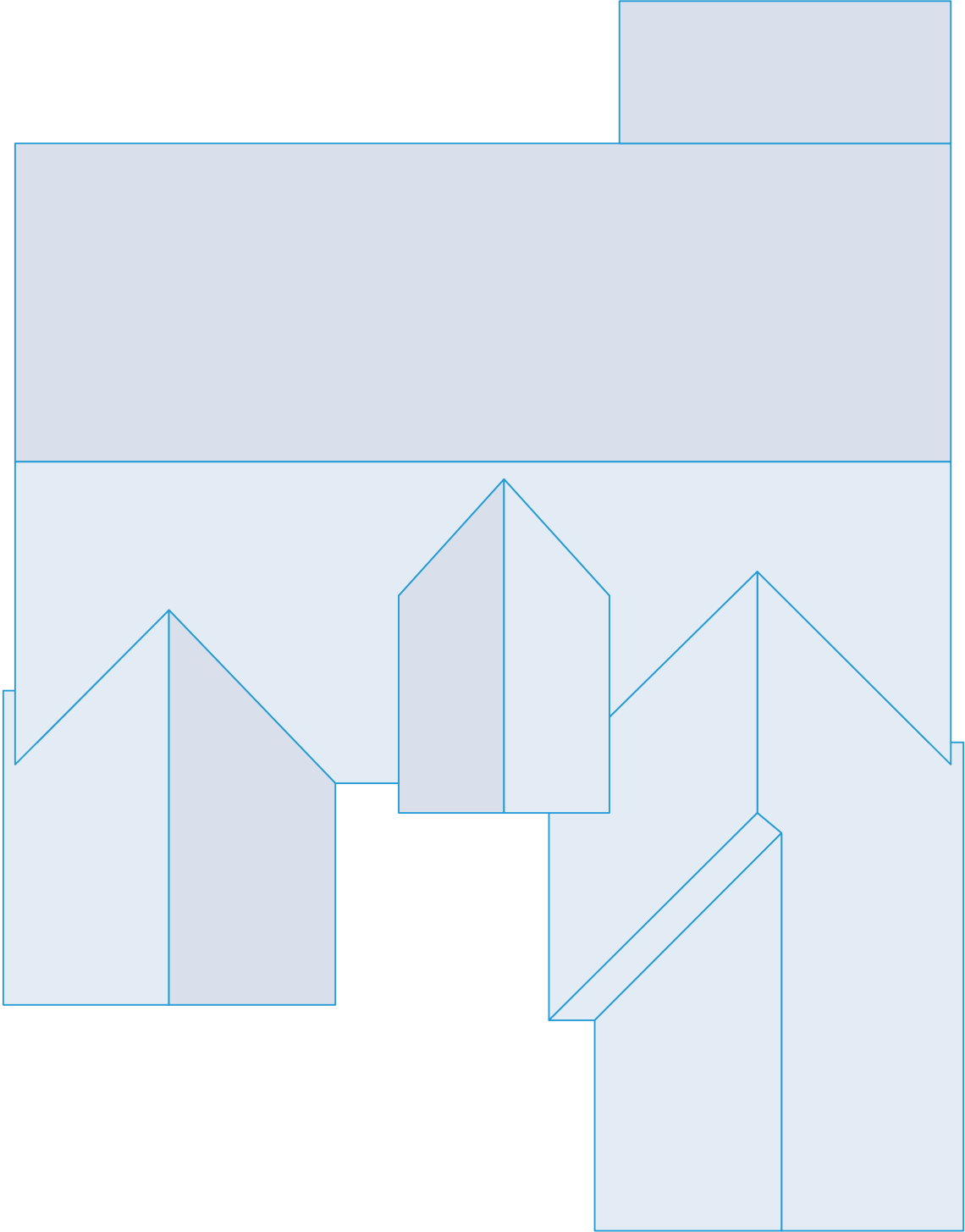
11 facets

Predominant pitch 4/12



Diagram

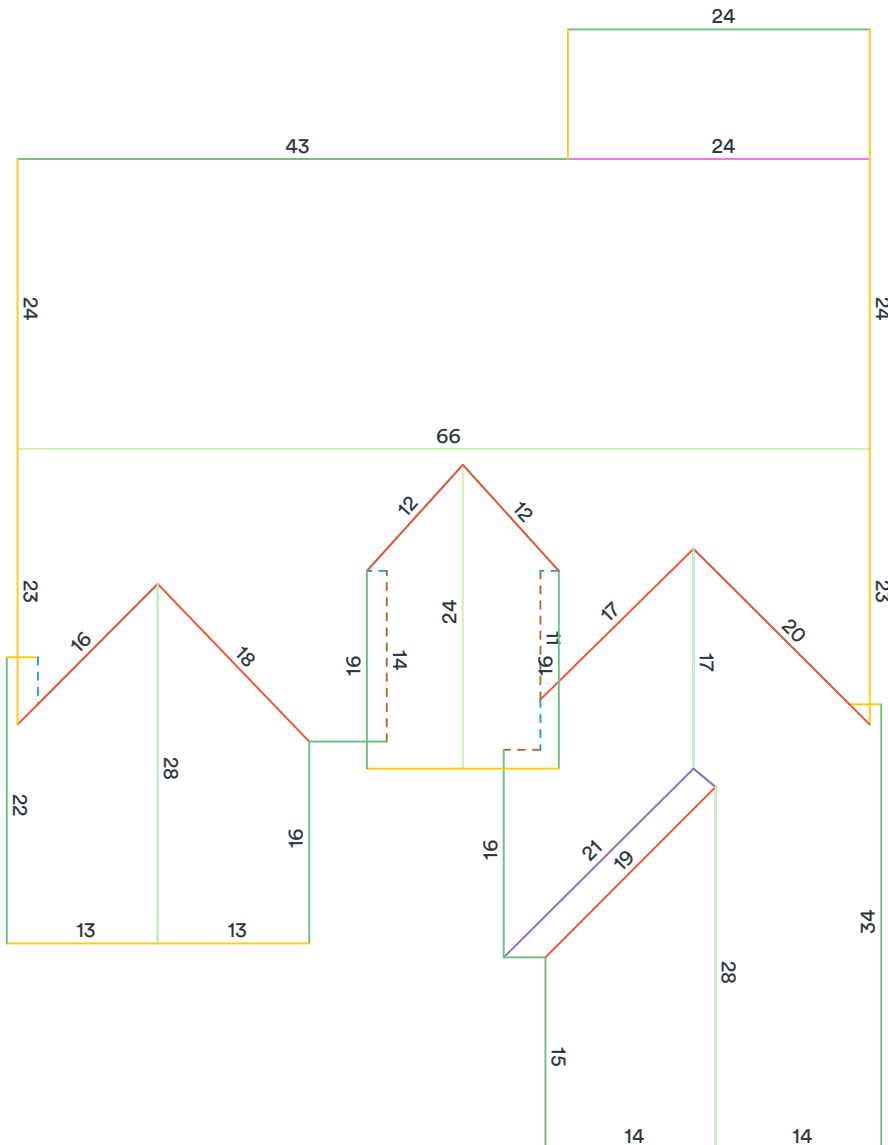
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Length measurement report

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- Eaves: 206ft 3in
- Ridges: 160ft 3in
- Step flashing: 27ft 1in
- Unspecified: 125ft 9in
- Valleys: 110ft 8in
- Rakes: 183ft 0in
- Transitions: 23ft 1in
- Hips: 23ft 3in
- Wall flashing: 10ft 4in
- 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

1728 East Kael Street, Mesa, AZ 85203

Total roof area: 4657 sqft

Pitched roof area: 4657 sqft

Flat roof area: 0 sqft

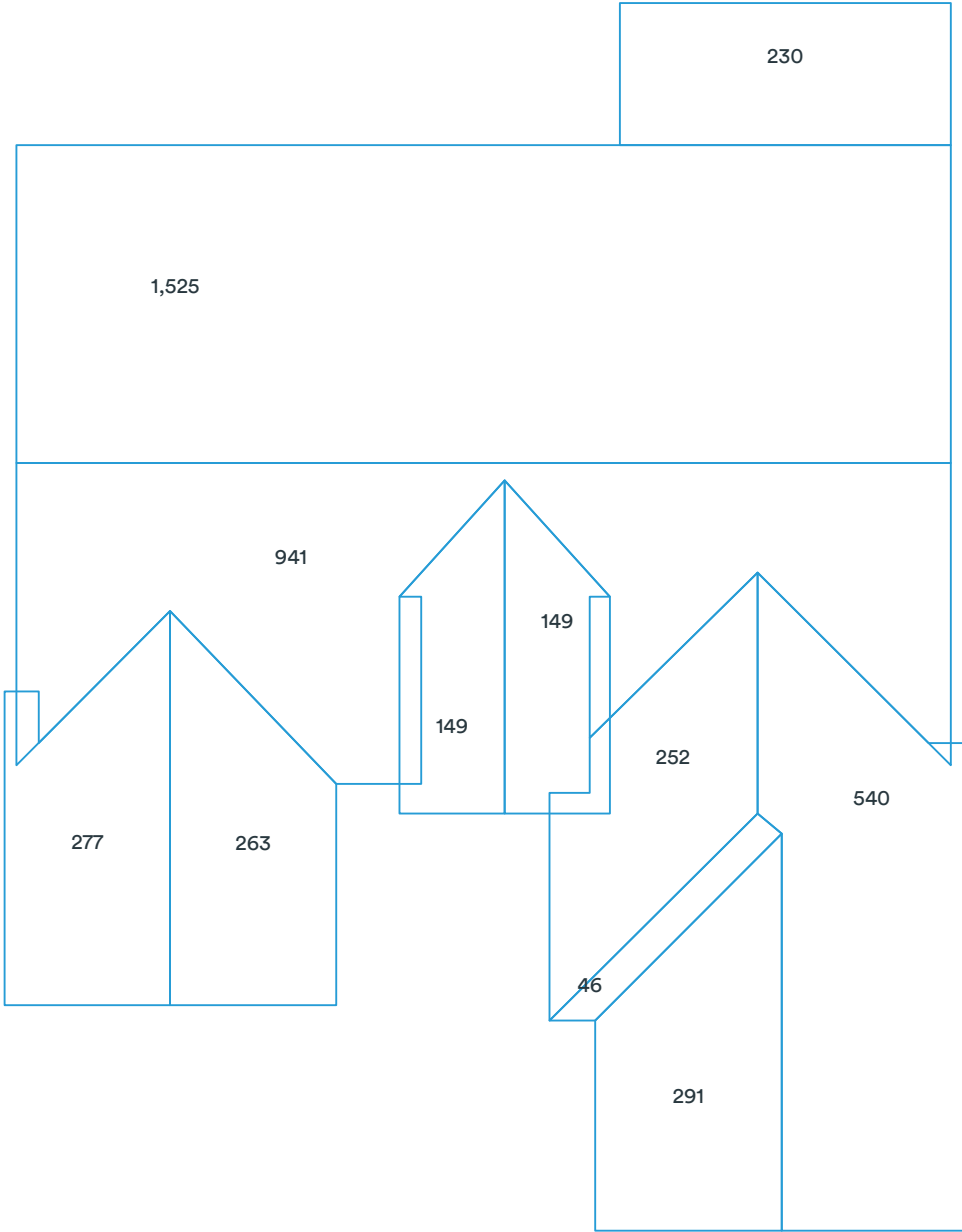
Two story area: 0 sqft

Two layer area: 0 sqft

Predominant pitch: 4/12

Predominant pitch area: 4427 sqft

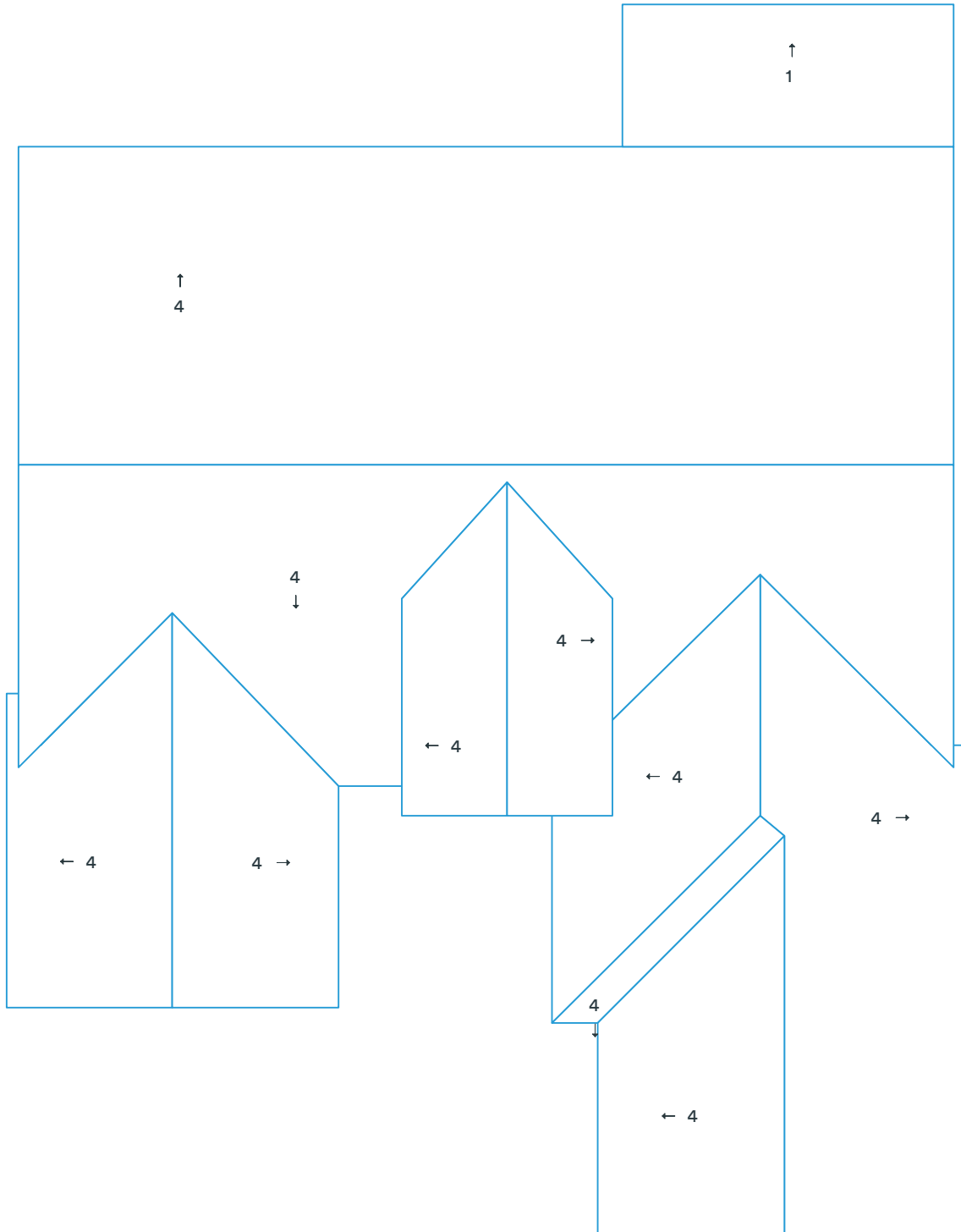
Unspecified pitch area: 0 sqft



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

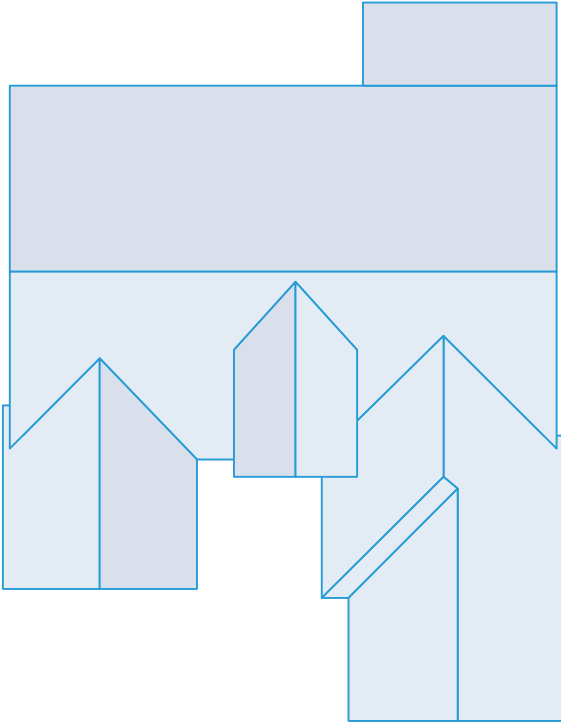
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Deleted facets are designated with a dashed line and do not have a pitch.

Report summary

1728 East Kael Street, Mesa, AZ 85203



Measurements

Total roof area	4657 sqft
Total pitched area	4657 sqft
Total flat area	0 sqft
Total roof facets	11 facets
Predominant pitch	4/12
Total eaves	206ft 3in
Total valleys	110ft 8in
Total hips	23ft 3in
Total ridges	160ft 3in
Total rakes	183ft 0in
Total wall flashing	10ft 4in
Total step flashing	27ft 1in
Total transitions	23ft 1in
Total parapet wall	0ft 0in
Total unspecified	125ft 9in
Hips + ridges	183ft 7in
Eaves + rakes	389ft 3in

Pitch	1/12	4/12
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Area (sqft)	230	4,428
Squares	2.3	44.3

Recommended

Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sqft)	4,658	5,123	5,217	5,356	5,449	5,589	5,682
Squares	46.6	51.3	52.2	53.6	54.5	55.9	56.9

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)		4,658 sqft	5,123 sqft	5,356 sqft	5,589 sqft
IKO - Cambridge	bundle	140	154	161	168
CertainTeed - Landmark	bundle	142	157	164	171
GAF - Timberline	bundle	142	157	164	171
Owens Corning - Duration	bundle	142	157	164	171
Atlas - Pristine	bundle	142	156	163	170
Starter (eaves + rakes)		390 ft	429 ft	448 ft	468 ft
IKO - Leading Edge Plus	bundle	4	4	4	4
CertainTeed - SwiftStart	bundle	4	4	4	5
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)		355 ft	390 ft	408 ft	426 ft
IKO - StormShield	roll	6	6	7	7
CertainTeed - WinterGuard	roll	6	6	7	7
GAF - WeatherWatch	roll	6	6	7	7
Owens Corning - WeatherLock	roll	5	6	6	6
Atlas - Weathermaster	roll	6	6	7	7
Synthetic (total sqft; no laps)		4,658 sqft	5,123 sqft	5,356 sqft	5,589 sqft
IKO - Stormtite	roll	5	6	6	6
CertainTeed - RoofRunner	roll	5	6	6	6
GAF - Deck-Armor	roll	5	6	6	6
Owens Corning - RhinoRoof	roll	5	6	6	6
Atlas - Summit	roll	5	6	6	6
Capping (hips + ridges)		184 ft	202 ft	212 ft	221 ft
IKO - Hip and Ridge	bundle	5	6	6	6
CertainTeed - Shadow Ridge	bundle	7	7	8	8
GAF - Seal-A-Ridge	bundle	8	9	9	9
Owens Corning - DecoRidge	bundle	10	11	11	12
Atlas - Pro-Cut H&R	bundle	6	7	7	8
Other					
8' Valley (no laps)	sheet	14	16	16	17
10' Drip Edge (eaves + rakes; no laps)	sheet	39	43	45	47

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).