



Roof Report

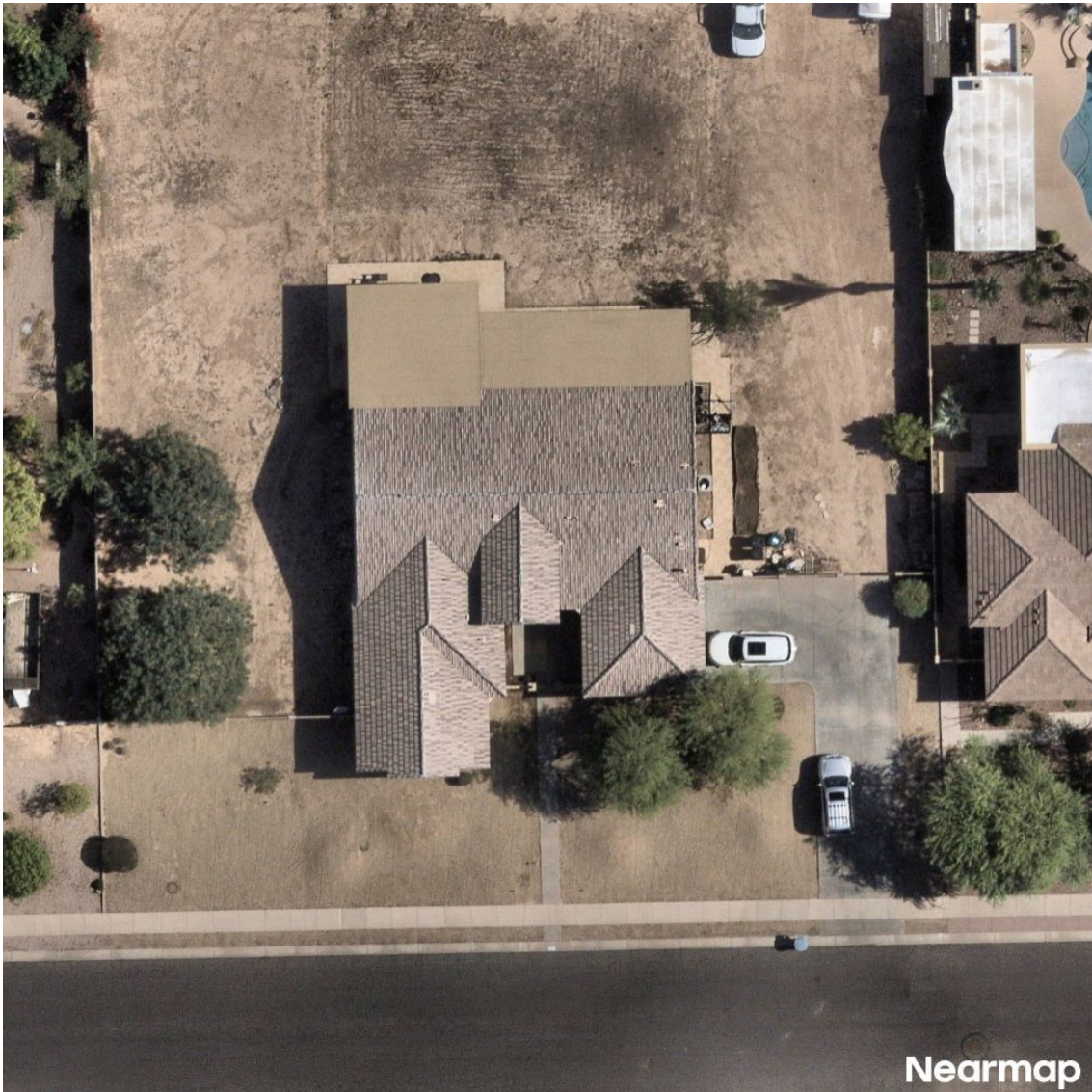
Prepared by Roofr

1664 East Kael Street, Mesa, AZ 85203

5410 sqft

14 facets

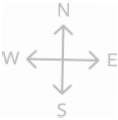
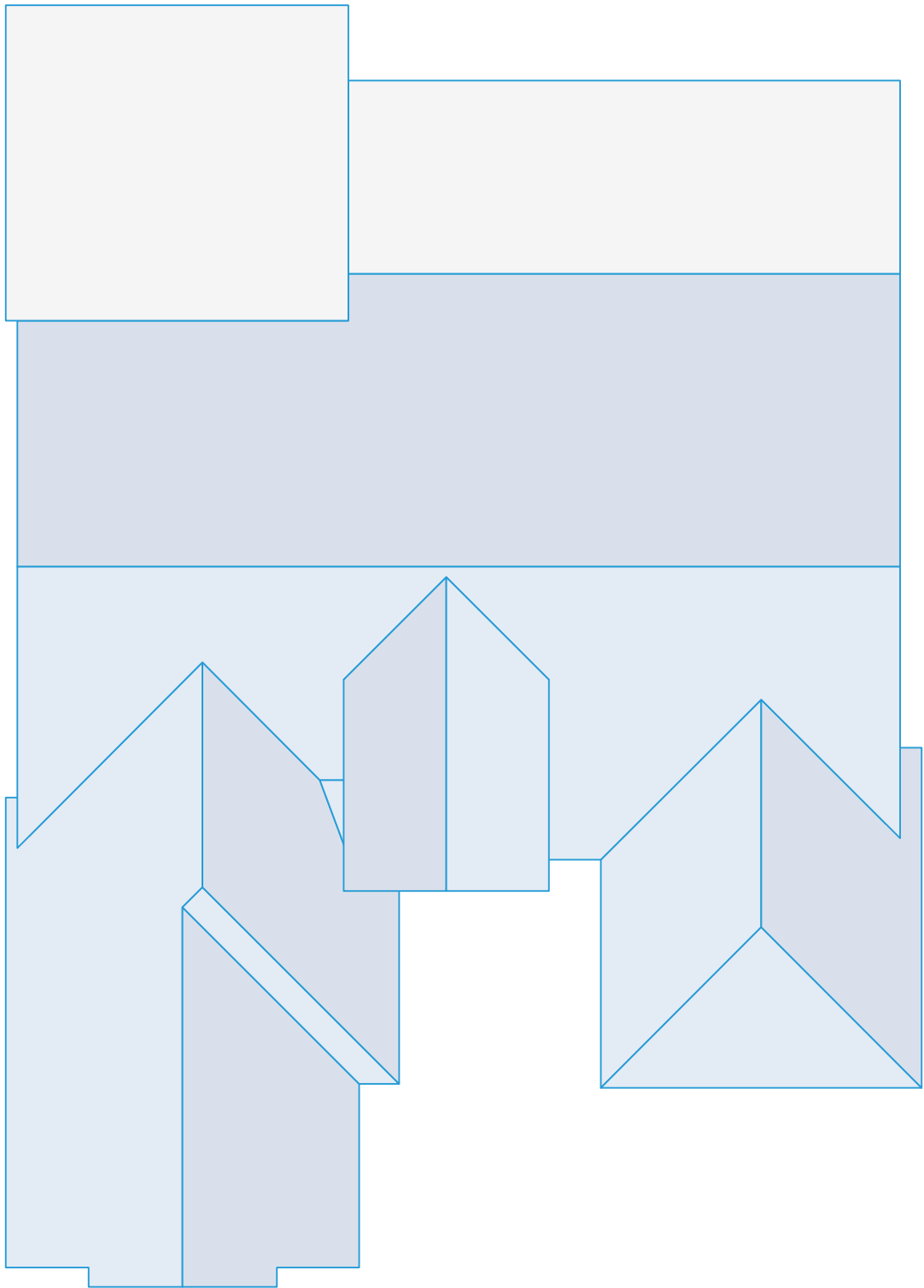
Predominant pitch 4/12



Nearmap Jul 6, 2025

Diagram

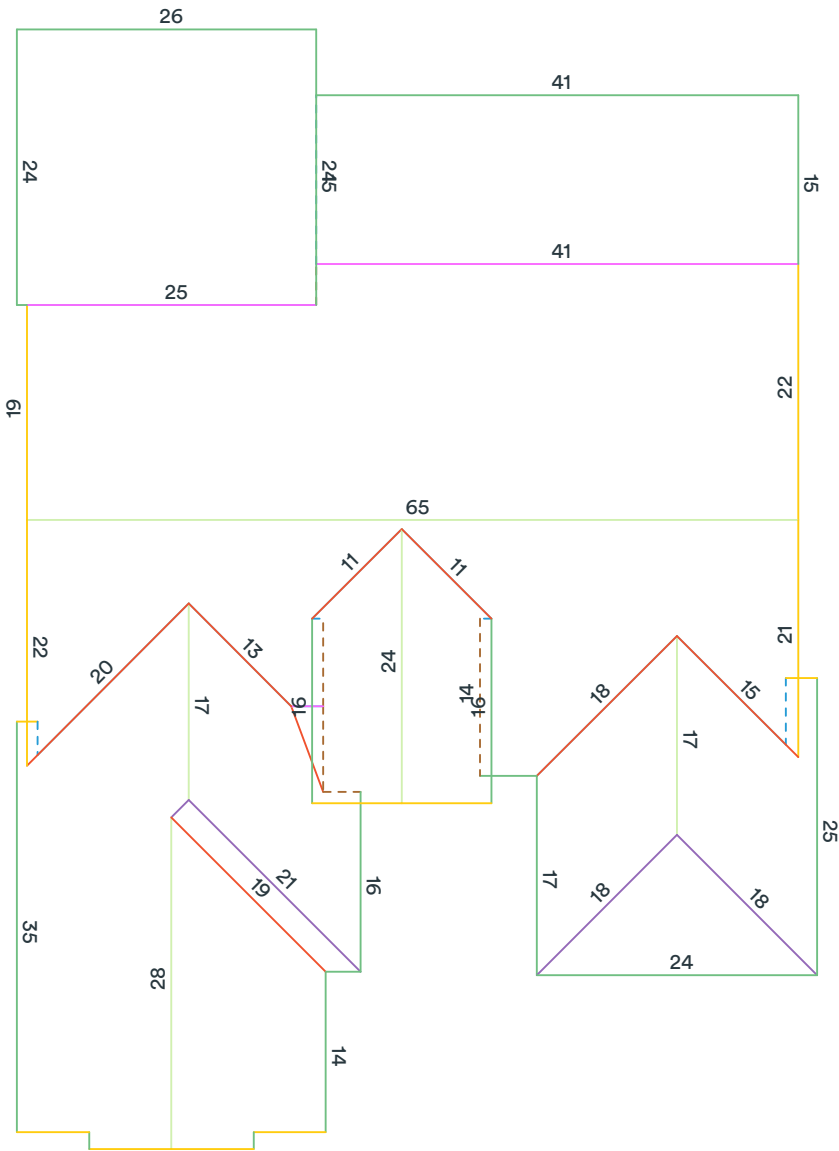
1664 East Kael Street, Mesa, AZ 85203



Length measurement report

1664 East Kael Street, Mesa, AZ 85203

- Eaves: 297ft 3in
- Ridges: 149ft 6in
- Step flashing: 35ft 10in
- Unspecified: 107ft 9in
- Valleys: 112ft 9in
- Rakes: 130ft 4in
- Transitions: 67ft 7in
- Hips: 57ft 5in
- Wall flashing: 24ft 6in
- 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

1664 East Kael Street, Mesa, AZ 85203

Total roof area: 5410 sqft

Pitched roof area: 4241 sqft

Flat roof area: 1169 sqft

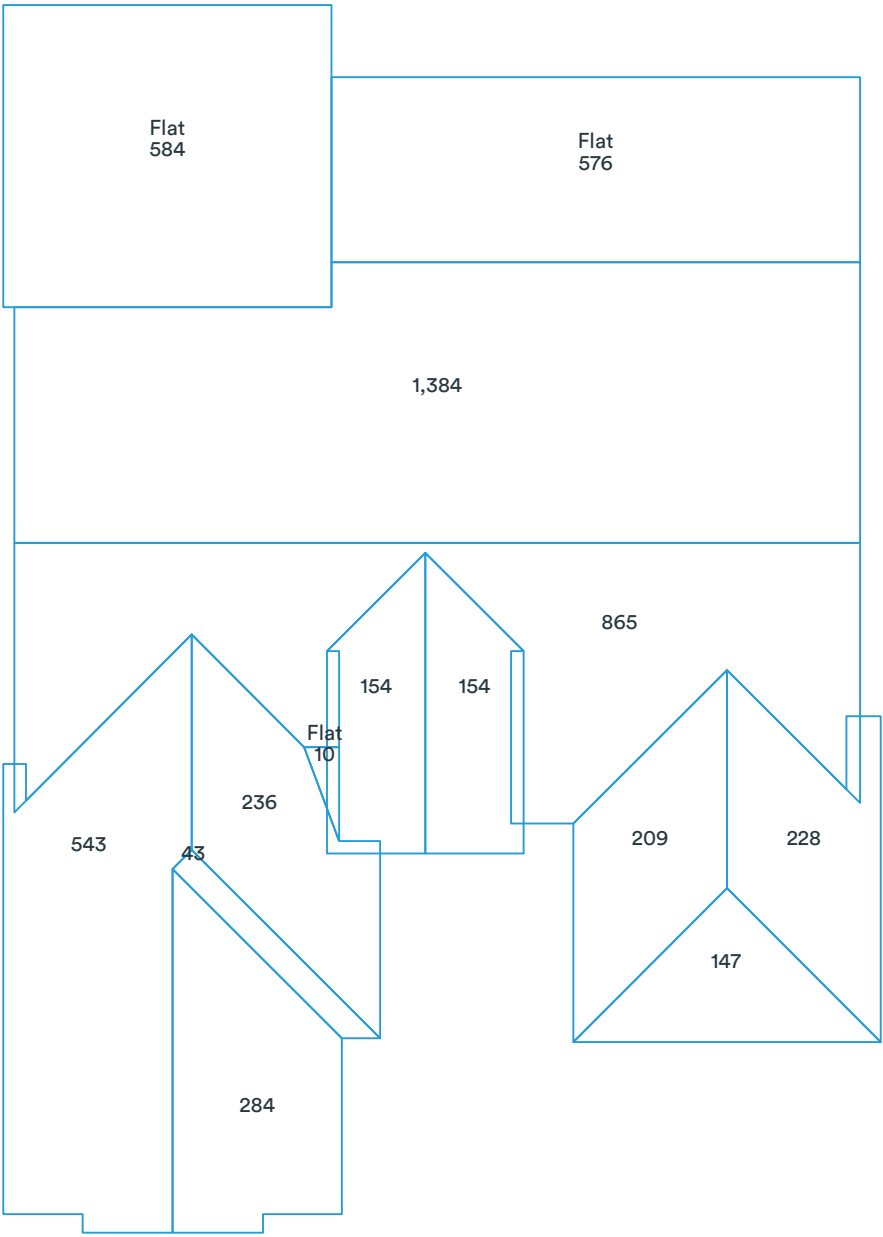
Two story area: 0 sqft

Two layer area: 0 sqft

Predominant pitch: 4/12

Predominant pitch area: 4241 sqft

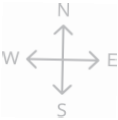
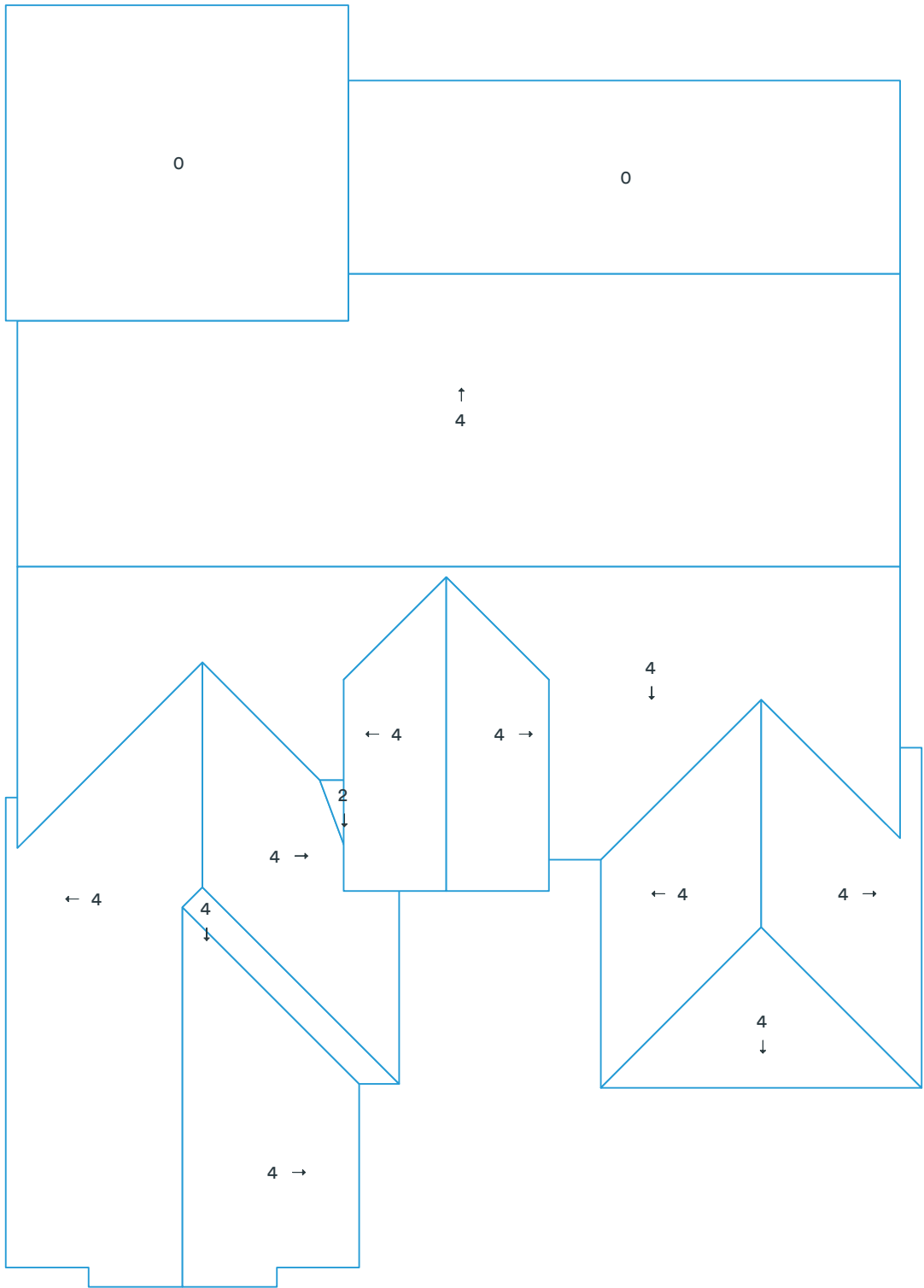
Unspecified pitch area: 0 sqft



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

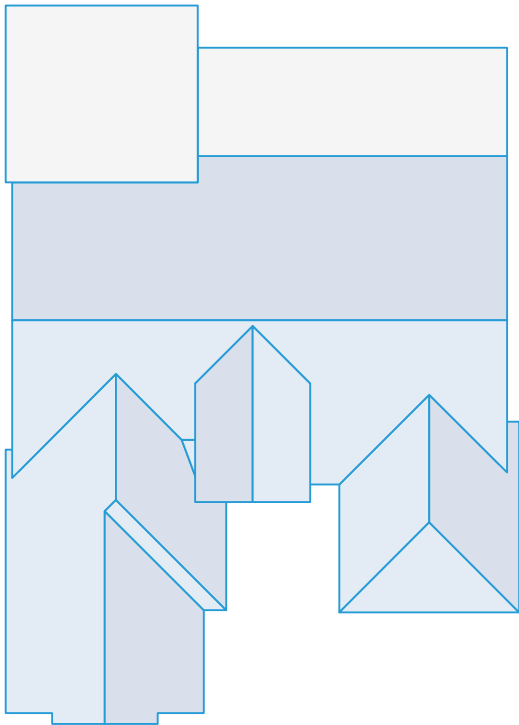
1664 East Kael Street, Mesa, AZ 85203



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

Report summary

1664 East Kael Street, Mesa, AZ 85203



Measurements

Total roof area	5410 sqft
Total pitched area	4241 sqft
Total flat area	1169 sqft
Total roof facets	14 facets
Predominant pitch	4/12
Total eaves	297ft 3in
Total valleys	112ft 9in
Total hips	57ft 5in
Total ridges	149ft 6in
Total rakes	130ft 4in
Total wall flashing	24ft 6in
Total step flashing	35ft 10in
Total transitions	67ft 7in
Total parapet wall	0ft 0in
Total unspecified	107ft 9in
Hips + ridges	206ft 11in
Eaves + rakes	427ft 7in

Pitch	0/12	2/12	4/12
Area (sqft)	1,160	10	4,242
Squares	11.6	0.1	42.5

Recommended

Waste %	0%	9%	10%	12%	15%	17%	20%
Area (sqft)	5,411	5,898	5,952	6,060	6,223	6,331	6,493
Squares	54.2	59.0	59.6	60.6	62.3	63.4	65.0

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

1664 East Kael Street, Mesa, AZ 85203

Product	Unit	Waste (0%)	Waste (9%)	Waste (10%)	Waste (15%)
Shingle (total sqft)		4,242 sqft	4,623 sqft	4,666 sqft	4,878 sqft
IKO - Cambridge	bundle	128	139	141	147
CertainTeed - Landmark	bundle	130	141	143	149
GAF - Timberline	bundle	130	141	143	149
Owens Corning - Duration	bundle	130	141	143	149
Atlas - Pristine	bundle	129	141	142	148
Starter (eaves + rakes)		428 ft	467 ft	471 ft	492 ft
IKO - Leading Edge Plus	bundle	4	4	4	5
CertainTeed - SwiftStart	bundle	4	5	5	5
GAF - Pro-Start	bundle	4	4	4	5
Owens Corning - Starter Strip	bundle	5	5	5	5
Atlas - Pro-Cut	bundle	4	4	4	4
Ice and Water (eaves + valleys + flashings)		471 ft	513 ft	518 ft	541 ft
IKO - StormShield	roll	8	8	8	9
CertainTeed - WinterGuard	roll	8	8	8	9
GAF - WeatherWatch	roll	8	8	8	9
Owens Corning - WeatherLock	roll	7	7	7	8
Atlas - Weathermaster	roll	8	8	8	9
Synthetic (total sqft; no laps)		4,242 sqft	4,623 sqft	4,666 sqft	4,878 sqft
IKO - Stormtite	roll	5	5	5	5
CertainTeed - RoofRunner	roll	5	5	5	5
GAF - Deck-Armor	roll	5	5	5	5
Owens Corning - RhinoRoof	roll	5	5	5	5
Atlas - Summit	roll	5	5	5	5
Capping (hips + ridges)		207 ft	226 ft	228 ft	238 ft
IKO - Hip and Ridge	bundle	6	6	6	7
CertainTeed - Shadow Ridge	bundle	7	8	8	8
GAF - Seal-A-Ridge	bundle	9	10	10	10
Owens Corning - DecoRidge	bundle	11	12	12	12
Atlas - Pro-Cut H&R	bundle	7	8	8	8
Other					
8' Valley (no laps)	sheet	15	16	16	17
10' Drip Edge (eaves + rakes; no laps)	sheet	43	47	48	50

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).