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Measurements

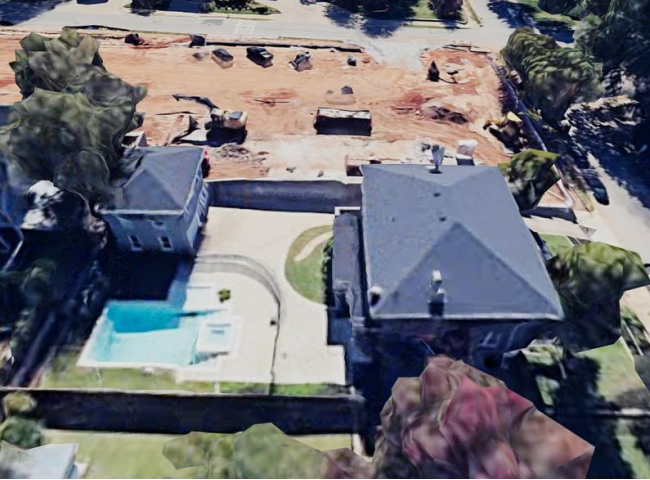
Roof Area	3,935 sq ft
Roof Squares	46.7
Roof Facets	13
Predominant Pitch	6 / 12
Ridges / Hips	225 ft
Rakes	0 ft
Eaves	420 ft

Top View



1615 S Owasso Ave, Tulsa, OK 74120, USA

Side Views



North



East



South



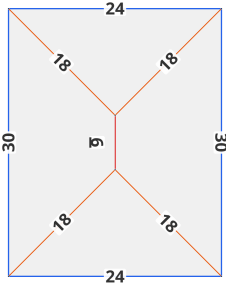
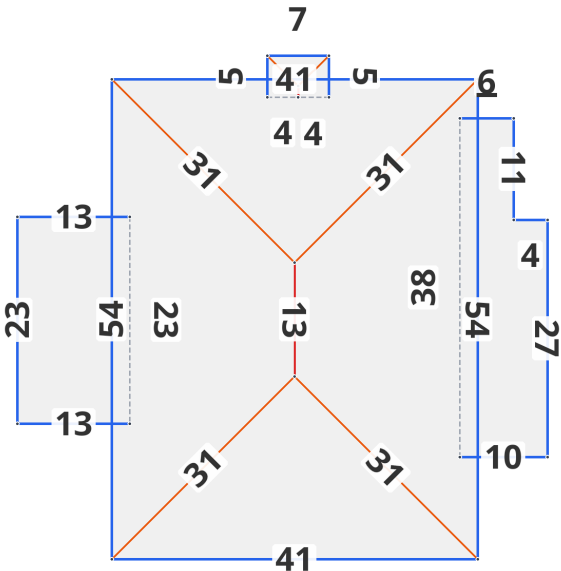
West

Lengths

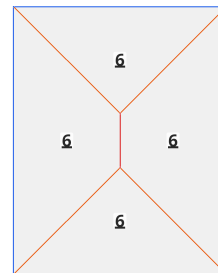
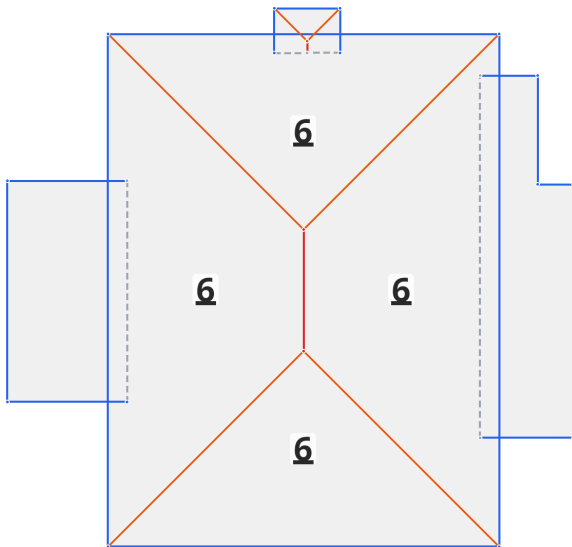


N

Step 69
 Flash 0
 Drip 420

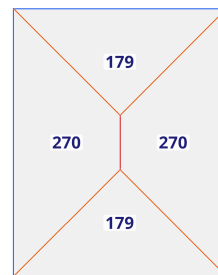
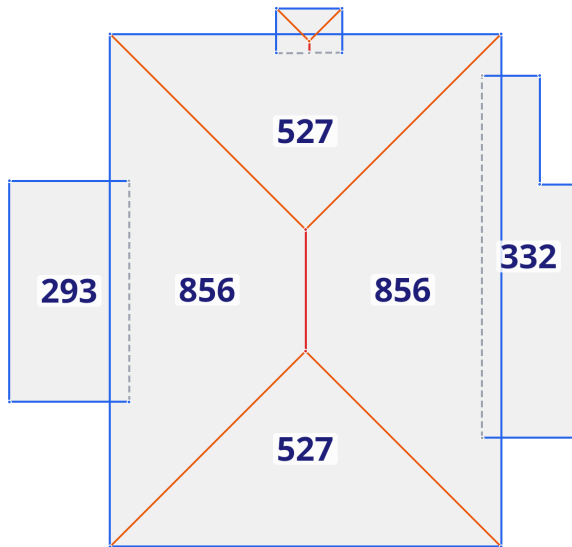


Pitches



Pitches in inches per foot

Area



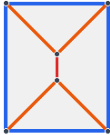
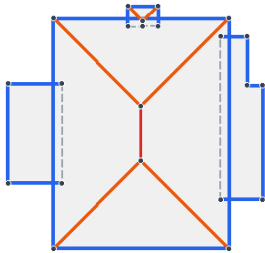
3D area (sqft) per facet

Summary

Pitch Distribution

	0/12	6/12
Area	624	3,311
Percent	16%	84%

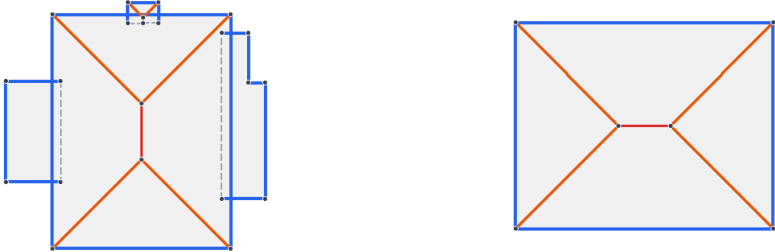
Suggested waste: 13% — see Waste & Materials page for full table.



Roof Area	3,935 sq ft
Roof Facets	13
Pitch	6 / 12
Eaves	420 ft
Hips	205 ft
Valleys	0 ft
Rakes	0 ft
Ridges	20 ft
Step	69 ft
Flash	0 ft
Drip Edge	420 ft
Leak Barrier	489 ft
Ridge Cap	225 ft
Starter	420 ft

Notes: 1) Measurements are rounded to the nearest whole number. 2) Rakes are defined as sloped roof edges. 3) Eaves are defined as level roof edges. 4) Flashing pertains to level roof edges and excludes valleys. 5) Step flashing pertains to sloped roof edges and excludes areas around penetrations. 6) Drip edge = eaves + rakes. 7) Waste table excludes additional materials needed for ridges, hips, valleys, etc. 8) Suggested waste factor is based on the roof complexity and is provided for guidance purposes only. You should confirm the appropriate waste factor prior to ordering.

Buildings Comparison



	Structure A (Main)	Structure B (Detached)
Roof Area	3,134 sq ft	802 sq ft
Roof Facets	9	4
Pitch	6 / 12	6 / 12
Eaves	312 ft	108 ft
Hips	134 ft	72 ft
Valleys	0 ft	0 ft
Rakes	0 ft	0 ft
Ridges	14 ft	6 ft
Step Flash	69 ft	0 ft
Drip Edge	312 ft	108 ft
Leak Barrier	381 ft	108 ft
Ridge Cap	148 ft	78 ft
Starter	312 ft	108 ft

Waste & Materials

Waste Calculation

Auto-calculated: 13%

Complexity factors: 13 faces

Waste %	0%	7%	10%	12%	14%	17%	22%
Area (sqft)	4,668	4,995	5,135	5,228	5,322	5,462	5,695
Squares	46.7	49.9	51.3	52.3	53.2	54.6	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.

Material Quantities (Architectural)

Item	Qty	Based On
Shingle Bundles	159	52.7 sq
Underlayment Rolls	6	5,275 sqft †
Ice & Water Rolls	7	420'-2" lf ‡
Drip Edge Pieces	43	420'-2" lf
Ridge Cap Bundles	10	225'-4" lf (ridge + hips)
Starter Strip Rolls	5	420'-2" lf
Step Flashing	103 pcs	69' lf
Coil Nails	80 lbs	2.5 lbs/sq

* Quantities based on waste-adjusted totals.

† Underlayment Rolls based on 1,000 sqft rolls (4' x 250').

‡ Ice & Water Rolls based on 200 sqft rolls (3' x 66').