Holladay, UT

PROJECT TOTALS

Total Roof Area	7,923 SF
Predominant Pitch	8:12 (33.7°)
Gross Area (w/8% waste)	8,557 SF
IWB (Ice & Water Barrier)	2859.3 SF

ROOF PLANES	STRUCTURES
31	1

EDGE LENGTHS

→ amber = order quantity w/ 8% waste

Eave	383 LF → 414
Rake Edge	66 LF → 71
Total Perimeter	**449 LF → 485**
Ridge	160 LF → 173
Hip	371 LF → 401
Valley	269 LF → 291
Eaves Flashing	383 LF → 414
Overhang Offset	54 LF → 58

© Google Maps — Imagery for reference

WASTE FACTOR (TOTAL ROOF AREA)

Waste %	5%	8%	10%	15%	20%
Area (SF)	8,319	**8,557**	8,715	9,111	9,508
Squares	83.2	**85.6**	87.2	91.1	95.1

Highlighted column = the waste factor applied to this report (set by you).

AREA BY ROOF PLANE

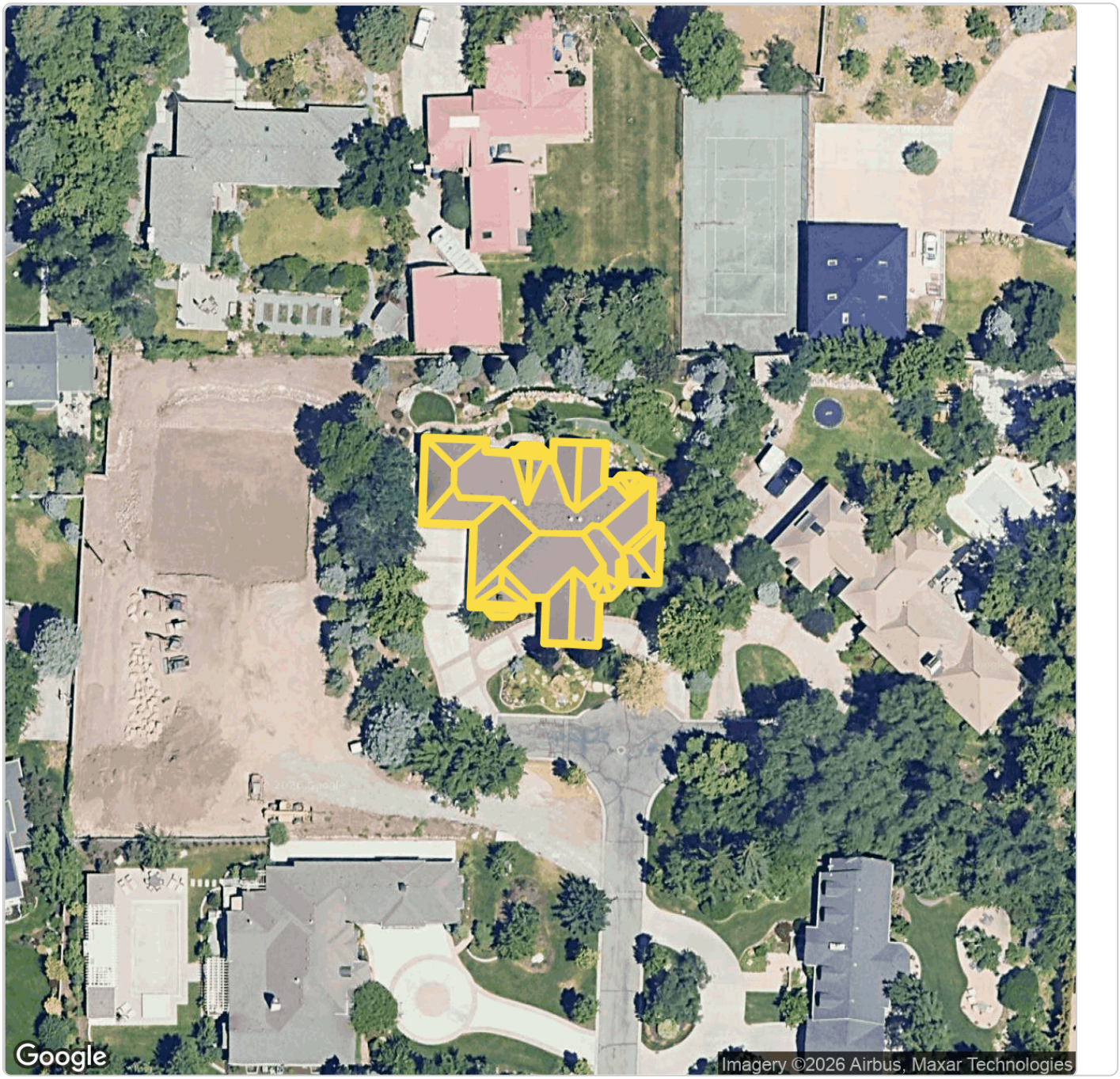
Plane	Area (SF)	Pitch	% Total
Upper Roof	7,791 → 8,414	8:12	98.3%
Hidden Under Overhang 1	25 → 27	8:12	0.3%
Hidden Under Overhang 2	18 → 19	8:12	0.2%
Hidden Under Overhang 3	35 → 38	8:12	0.4%
Lower Eave 1	72 → 78	8:12	0.9%
Obstructions deducted	*−18 SF*	*15 traced obstructions (chimneys / vents / skylights)*	
Total	**7,923 SF → 8,557**	**8:12**	**100%**

AREAS PER PITCH

Pitch	Area (SF)	Squares	Faces	% of Roof
8:12	7,941	79.4	31	100%

Roof Outline — Traced Footprint

The measured roof traced over the property aerial — the house perimeter and every ridge, hip & valley are shown in yellow.



© Google Maps — yellow outline reflects the traced measurement geometry, drawn on the imagery it was traced from

TOTAL ROOF AREA

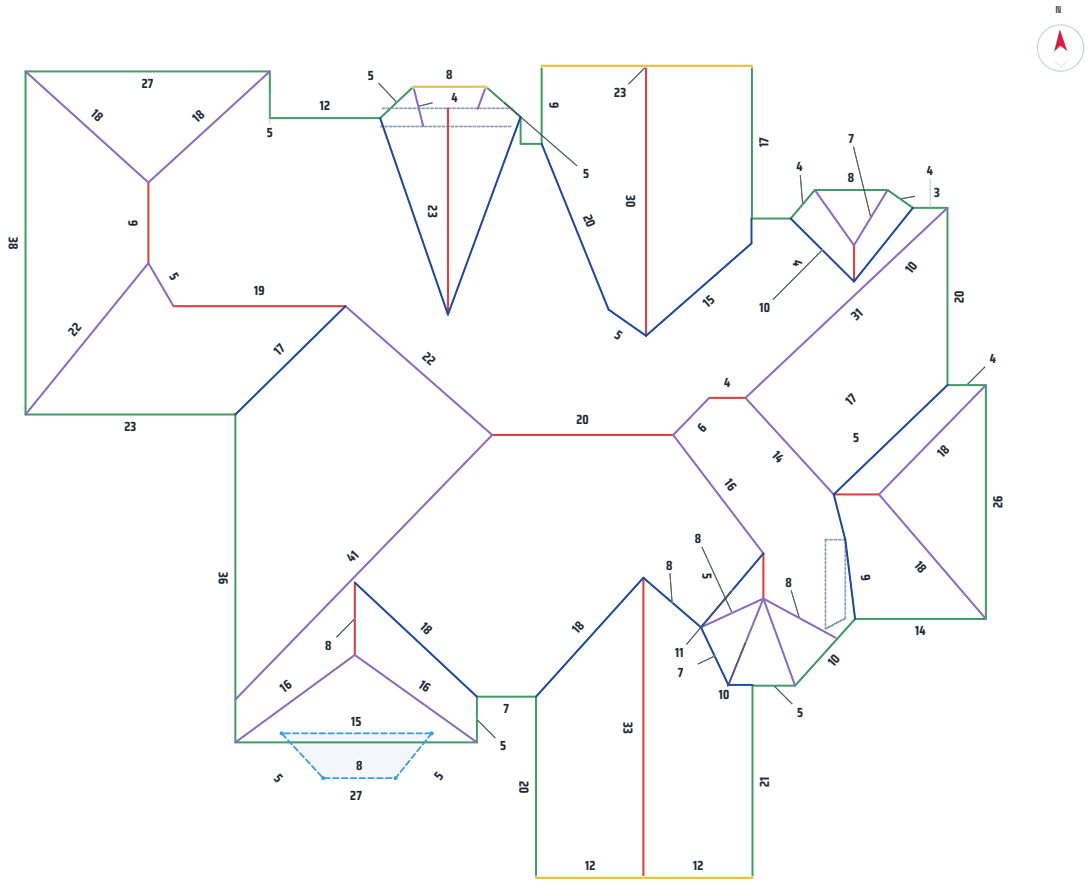
79.2 squares

Does not include waste

SUGGESTED WASTE FACTOR

8%

85.5 squares with waste

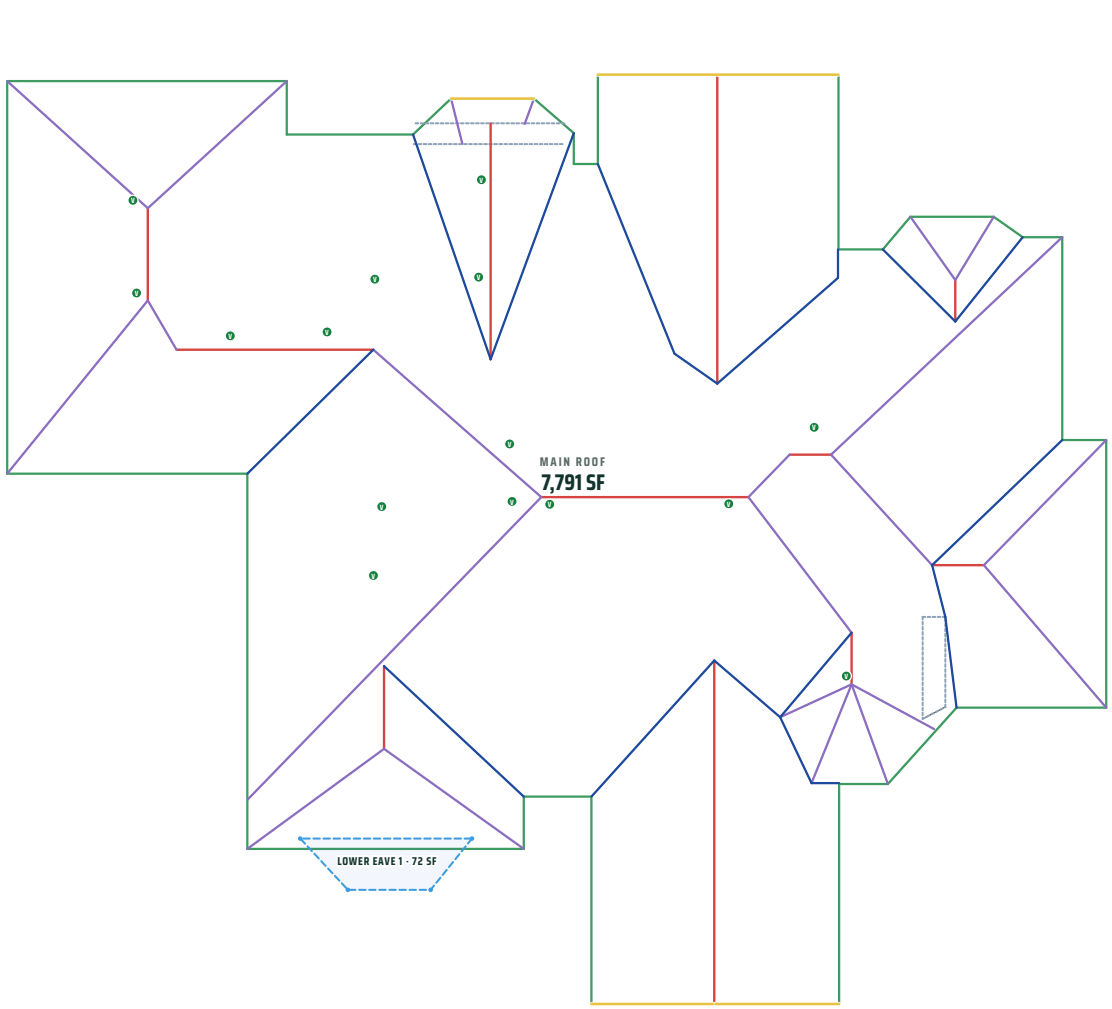


DRAWING KEY — MEASURED LENGTHS BY ROOF LEVEL

ALL LEVELS — TOTAL	EAVE	383 LF	RAKE	66 LF	RIDGE	160 LF	HIP	371 LF
	VALLEY	269 LF	OVERHANG	54 LF				
UPPER ROOF	EAVE	364 LF	RAKE	66 LF	RIDGE	160 LF	HIP	371 LF
	VALLEY	269 LF						
LOWER EAVE 1	EAVE	18 LF						

ROOF TOTALS

TOTAL AREA	SQUARES	FACETS	PREDOM. PITCH
7,923 SF	79.2	27	8:12



DRAWING KEY — AREAS BY SECTION

MAIN ROOF	LOWER EAVE 1	HIDDEN OVERHANGS — TOTAL (3)	VENTS
7,791 SF	72 SF	78 SF	15

ROOF TOTALS

TOTAL AREA	SQUARES	FACETS	PREDOM. PITCH
7,923 SF	79.2	27	8:12

Roof Measurement & Material Summary

Holladay, UT

ROOF MANAGER

TOTAL ROOF AREA	GROSS W/8% WASTE	PITCH
7,923 SF	8,557 SF	8:12
79.2 squares	85.6 squares	33.7° · ×1.2019

ROOF MEASUREMENTS

Total Roof Area (Sloped)	7,923 SF
Footprint (Projected) Area	6,592 SF
Gross Area (w/8% waste)	8,557 SF
Roofing Squares (net)	79.2
Roofing Squares (gross)	85.6
Predominant Pitch	8:12 (33.7°)
Slope Multiplier	×1.2019
Roof Planes	27
Ice & Water (Eave Perimeter)	383 LF

MATERIAL SUMMARY

Material	Qty	Unit	Based On
■ Field Shingles	238	bundles	1 bundle = 33.3 sq ft · does not include waste
↳ Field Shingles · with 8% waste	257	bundles	1 bundle = 33.3 sq ft + 8% waste (recommended for this report)
■ Underlayment	8,557	SF	7,923 SF net + 8% waste
❄ Ice & Water Shield	383	LF	383 ft eave perimeter · membrane coverage 2,859 SF (code-trigger basis)
▲ Ridge Cap	530	LF	160 ft ridge + 371 ft hip
▬ Starter Strip	5	bundles	383 ft eaves + 8% waste ÷ 100 LF/bundle
⎓ Drip Edge	485	LF	449 ft (eave + rake) + 8% waste
▼ Valley Flashing	30	pcs	269 ft valley + 10% waste = 296.3 LF
▭ Overhang Offset Flashing	6	sticks	56.8 LF upper-eave-over-lower-roof junction (incl. 5% waste)

WASTE FACTOR REFERENCE

5%	10%	15%	20%
8,319 SF	8,715 SF	9,111 SF	9,508 SF

Accuracy: ±2% area, ±1% linear — industry-standard aerial-measurement tolerance. Engineering-grade estimate; physical verification recommended for code-critical work.

GUTTERS BREAKDOWN (derived from traced eave perimeter)

TOTAL GUTTER	DOWNSPOUTS	GUTTER RUNS	CORNERS
383 LF	11	4	26
5″ K-style aluminum	recommended · by drainage area	4 open · 0 looped	11 in · 15 out

Gutter Run	Length	Corners	Type
MAIN HOUSE — 364 LF · 3 RUNS			
Run 1	140.5 LF	11	Open · 2 end caps
Run 2	19.0 LF	3	Open · 2 end caps
Run 3	204.8 LF	10	Open · 2 end caps
LOWER ROOF — 18 LF · 1 RUN			
Run 1	18.4 LF	2	Open · 2 end caps
TOTAL	**383 LF**	**26**	**4 runs · 8 end caps**

Runs are continuous eave-only sections — gutters terminate at gable (rake) ends and never cross a lower-eave wall junction. Downspouts sized by drainage area (~600 SF per 2″×3″, min. 1 per run). Verify against local rainfall & roof drainage.