Blue Heron Roofing

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ROOF MEASUREMENT REPORT

7 Placeholder Ct, Mockburg, MO 63002

PREPARED FOR	REPORT DATE	REPORT NO.	MEASURED
Priya & Sam Castellano	November 28, 2026	EZR-SAMPLE-03	November 26, 2026

5,218 ft² — Total roof area

52.2 — Squares (no waste)

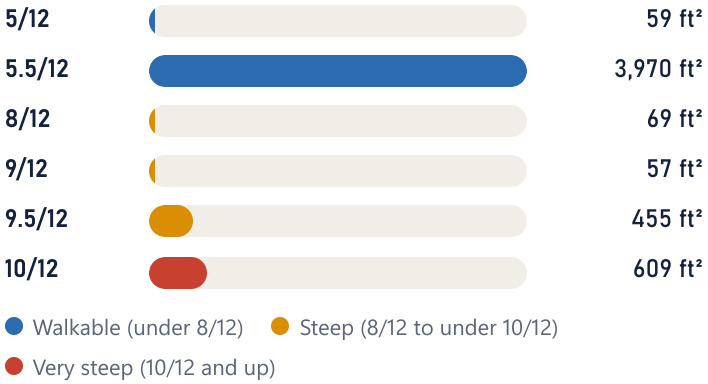
5.5/12 — Predominant pitch

13 % — Suggested waste · 59.0 sq with waste

Facets **12** Footprint **4,525 ft²** Stories **2** Eave height ≈ **11.9 ft** Two-story area **2,383 ft²**

74 ft² of the area is roof assumed under the overhang of a higher roof or dormer (a strip about a foot deep that cannot be seen from above).

Areas by pitch



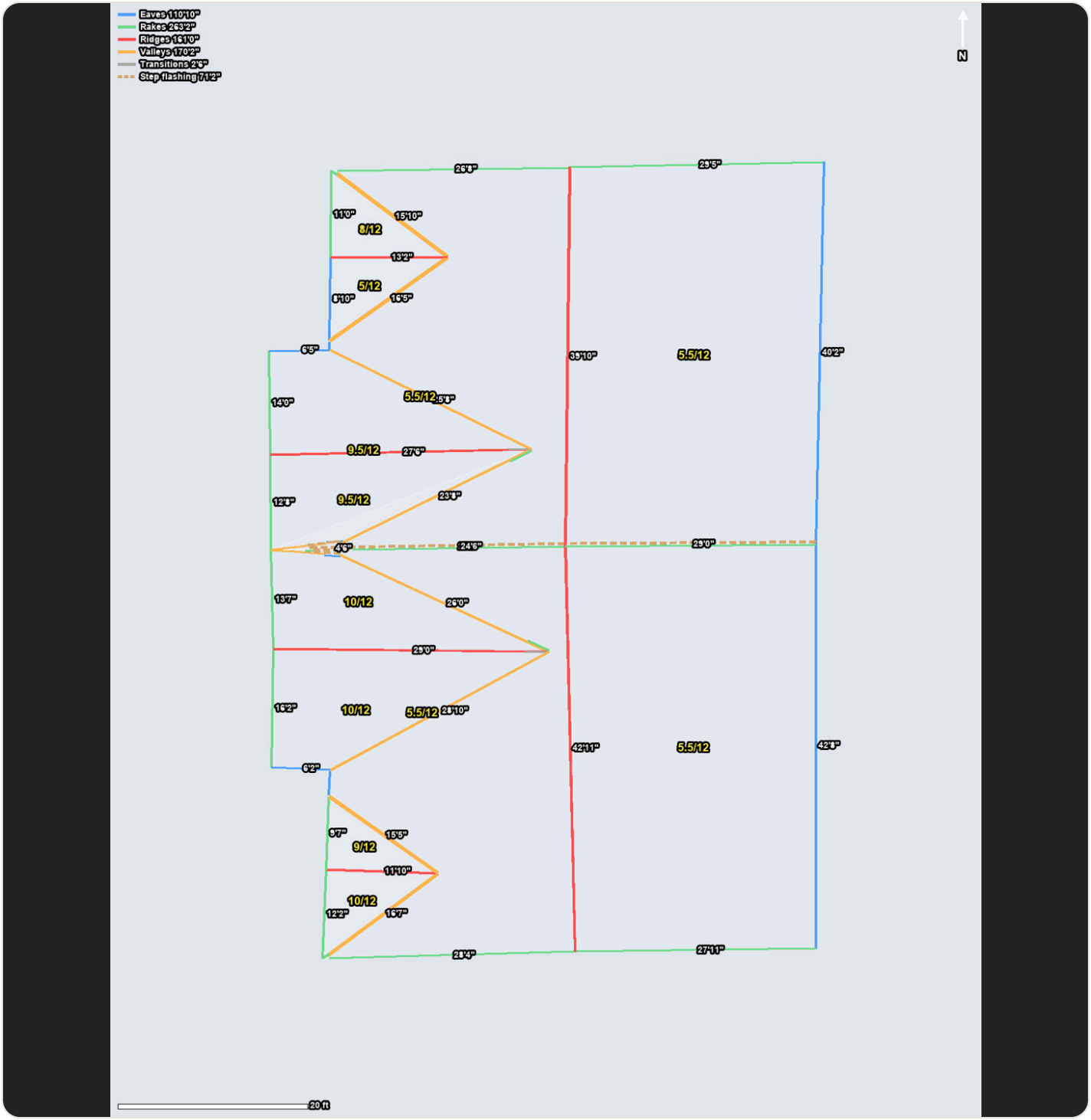
PITCH	AREA FT²	SQUARES	SHARE
5/12	59	0.6	1%
5.5/12	3,970	39.7	76%
8/12	69	0.7	1%
9/12	57	0.6	1%
9.5/12	455	4.5	9%
10/12	609	6.1	12%

Penetrations

Chimneys	Skylights	Vents	Pipes	Exhausts	Dishes
0	0	0	0	0	0

No penetrations are marked on the drawing: count vents, pipes, chimneys and skylights on site.

Roof diagram



Eaves Rakes Ridges Valleys Step flashing Transitions

Lengths

EDGE	LENGTH	FEET
Eaves	110 ft 10 in	110.8 ft
Rakes	263 ft 2 in	263.2 ft
Ridges	161 ft 0 in	161.0 ft
Hips	—	0.0 ft
Valleys	170 ft 2 in	170.2 ft
Step flashing	71 ft 2 in	71.2 ft
Transitions (pitch change)	2 ft 6 in	2.5 ft
Drip edge (eaves + rakes)	**374 ft 0 in**	**374.0 ft**
Hip & ridge cap (hips + ridges)	**161 ft 0 in**	**161.0 ft**

Waste

WASTE	0%	5%	7%	10%	12%	13% ★	15%	17%	20%	22%
Area ft²	5,218	5,479	5,583	5,740	5,844	**5,896**	6,001	6,105	6,262	6,366
Squares	52.2	54.8	55.8	57.4	58.4	**59.0**	60.0	61.1	62.6	63.7

★ Suggested waste, worked out from this roof's hips, valleys, rakes, eaves and flashing per square.

Parts of this roof

PART	AREA FT²	SQUARES	PITCH	EAVES FT	RIDGES + HIPS FT	WASTE
Whole roof	5,218	52.2	5.5/12	111	161	13%
Unit A (north)	2,535	25.4	5.5/12	58	79	14%
Unit B (south) this address	2,683	26.8	5.5/12	53	82	13%

Attached homes are measured as one building and divided along the unit line; each unit's figures are its share of that one measurement. What lies on the unit line is counted in full in both units. Each part is rounded on its own, so parts can differ from the whole by a foot or two. Each part's material list is worked out for that part alone, at its own waste: order the whole job from the whole roof's list.

Material order sheet

Job: **7 Placeholder Ct, Mockburg, MO 63002** Quantities at **13%** waste PO #: _____ Delivery: _____

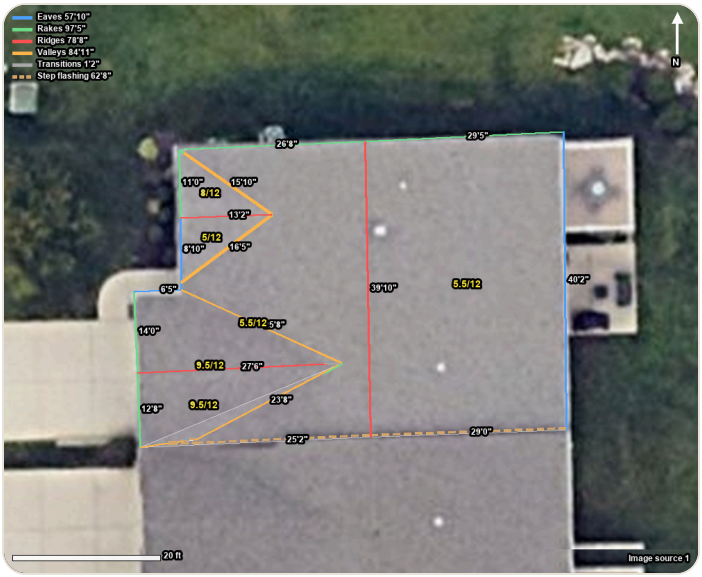
✓	ITEM	QTY	UNIT
☐	**Shingles** at 13% waste · 3 bundles per square; at 0%: 157, 10%: 173, 15%: 181, 20%: 188	177	bundles

✓	ITEM	QTY	UNIT
☐	**Starter strip** 423 lf · eaves + rakes + waste, 105 lf per bundle	5	bundles
☐	**Hip & ridge cap** 182 lf · hips + ridges + waste, 25 lf per bundle	8	bundles
☐	**Ice & water shield** 398 lf · eaves + valleys + step / wall / curb flashing + waste; 36 in x 66.7 ft rolls	6	rolls
☐	**Synthetic underlayment** 10 squares per roll, +10% laps	6	rolls
☐	**Drip edge** 10 ft pieces (374 lf before waste) · eaves + rakes + waste	43	pieces
☐	**Valley metal** 8 ft sheets · valleys + waste	25	pieces
☐	**Step flashing** 4 runs · one per shingle course (5 in exposure) along walls, chimneys and skylights	176	pieces
☐	**Kick-out flashing** one where each step-flashed wall ends at an eave	1	piece
☐	**Ridge vent** 4 ft pieces · ridges only	41	pieces
☐	**Coil nails** about 16 squares per box	4	boxes
☐	**Pipe boots / vents** not counted · none marked on the drawing: count on site	—	
☐	**Gutters** along the eaves (verify on site)	111	lf
☐	**Downspouts** 56 lf · 1 per ~35 ft of gutter, eave height + 2 ft	4	each

Unit A (north) Unit

2,535 ft²	25.4	5.5/12	14%
Total roof area	Squares (no waste)	Predominant pitch	Suggested waste · 28.9 sq with waste

65 ft² of the area is roof assumed under the overhang of a higher roof or dormer (a strip about a foot deep that cannot be seen from above).



PITCH	AREA FT²	SQUARES
5/12	60	0.6
5.5/12	1,945	19.4
8/12	70	0.7
9.5/12	461	4.6

EDGE	LENGTH	FEET
Eaves	57 ft 10 in	57.8 ft
Rakes	97 ft 5 in	97.4 ft
Ridges	78 ft 8 in	78.7 ft
Hips	—	0.0 ft
Valleys	84 ft 11 in	84.9 ft
Step flashing	62 ft 8 in	62.7 ft
Transitions (pitch change)	1 ft 2 in	1.2 ft
Drip edge (eaves + rakes)	**155 ft 2 in**	**155.2 ft**
Hip & ridge cap (hips + ridges)	**78 ft 8 in**	**78.7 ft**

Materials if this unit is roofed by itself (at 14% waste)

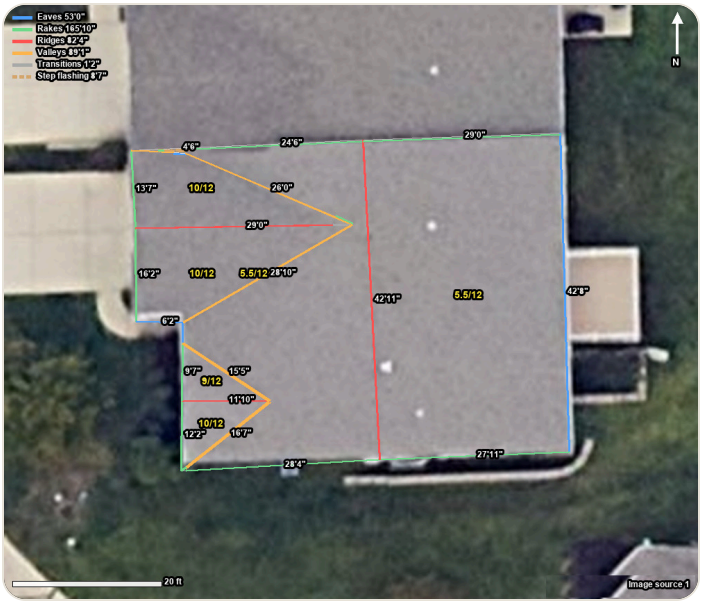
✓	ITEM	QTY	UNIT
☐	**Shingles** at 14% waste	87	bundles
☐	**Starter strip** 177 lf	2	bundles
☐	**Hip & ridge cap** 90 lf	4	bundles
☐	**Ice & water shield** 235 lf	4	rolls
☐	**Synthetic underlayment**	3	rolls
☐	**Drip edge** 10 ft pieces (155 lf before waste)	18	pieces
☐	**Valley metal** 8 ft sheets	13	pieces

✓	ITEM	QTY	UNIT
☐	**Step flashing** 2 runs	153	pieces
☐	**Kick-out flashing**	1	piece
☐	**Ridge vent** 4 ft pieces	20	pieces
☐	**Coil nails**	2	boxes
☐	**Pipe boots / vents** not counted	—	
☐	**Gutters**	58	lf
☐	**Downspouts** 28 lf	2	each

Unit B (south) Unit this address

2,683 ft²	26.8	5.5/12	13 %
Total roof area	Squares (no waste)	Predominant pitch	Suggested waste · 30.3 sq with waste

9 ft² of the area is roof assumed under the overhang of a higher roof or dormer (a strip about a foot deep that cannot be seen from above).



PITCH	AREA FT²	SQUARES
5.5/12	2,025	20.2
9/12	56	0.6
10/12	602	6.0

EDGE	LENGTH	FEET
Eaves	53 ft 0 in	53.0 ft
Rakes	165 ft 10 in	165.8 ft
Ridges	82 ft 4 in	82.3 ft
Hips	—	0.0 ft
Valleys	89 ft 1 in	89.1 ft
Step flashing	8 ft 7 in	8.6 ft
Transitions (pitch change)	1 ft 2 in	1.2 ft
Drip edge (eaves + rakes)	218 ft 10 in	218.8 ft
Hip & ridge cap (hips + ridges)	82 ft 4 in	82.3 ft

Materials if this unit is roofed by itself (at 13% waste)

✓	ITEM	QTY	UNIT
☐	**Shingles** at 13% waste	91	bundles
☐	**Starter strip** 248 lf	3	bundles
☐	**Hip & ridge cap** 93 lf	4	bundles
☐	**Ice & water shield** 171 lf	3	rolls
☐	**Synthetic underlayment**	3	rolls
☐	**Drip edge** 10 ft pieces (219 lf before waste)	25	pieces
☐	**Valley metal** 8 ft sheets	13	pieces

✓	ITEM	QTY	UNIT
☐	**Step flashing** 2 runs	23	pieces
☐	**Ridge vent** 4 ft pieces	21	pieces
☐	**Coil nails**	2	boxes
☐	**Pipe boots / vents** not counted	—	
☐	**Gutters**	53	lf
☐	**Downspouts** 26 lf	2	each

How this roof was measured

The roof was traced and checked by the EZ Roofing measurement team on high-resolution aerial imagery, with each face's pitch taken from 3D surface data and checked against elevation data where it is available. Areas are true sloped areas; lengths follow the drawn roof lines. Material quantities use standard coverage figures and include the suggested waste.

Measurements are made remotely and are provided for estimating and ordering. Verify on site before work begins: layers, decking condition, hidden flashing and penetrations under trees cannot be seen from above. Measurement rp0101 · engine v11 2026-11-23 · measured November 26, 2026.