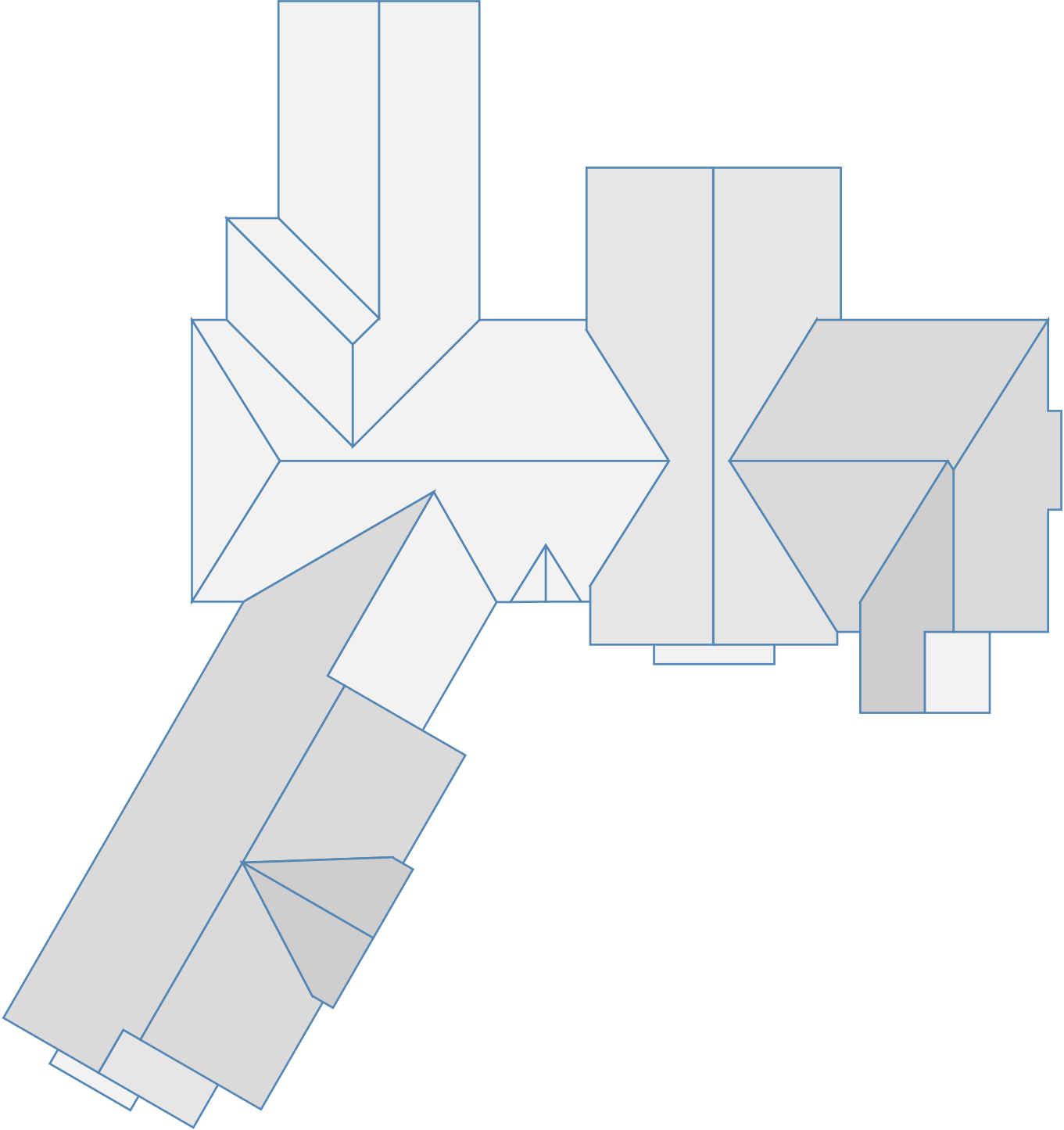


Roof diagram

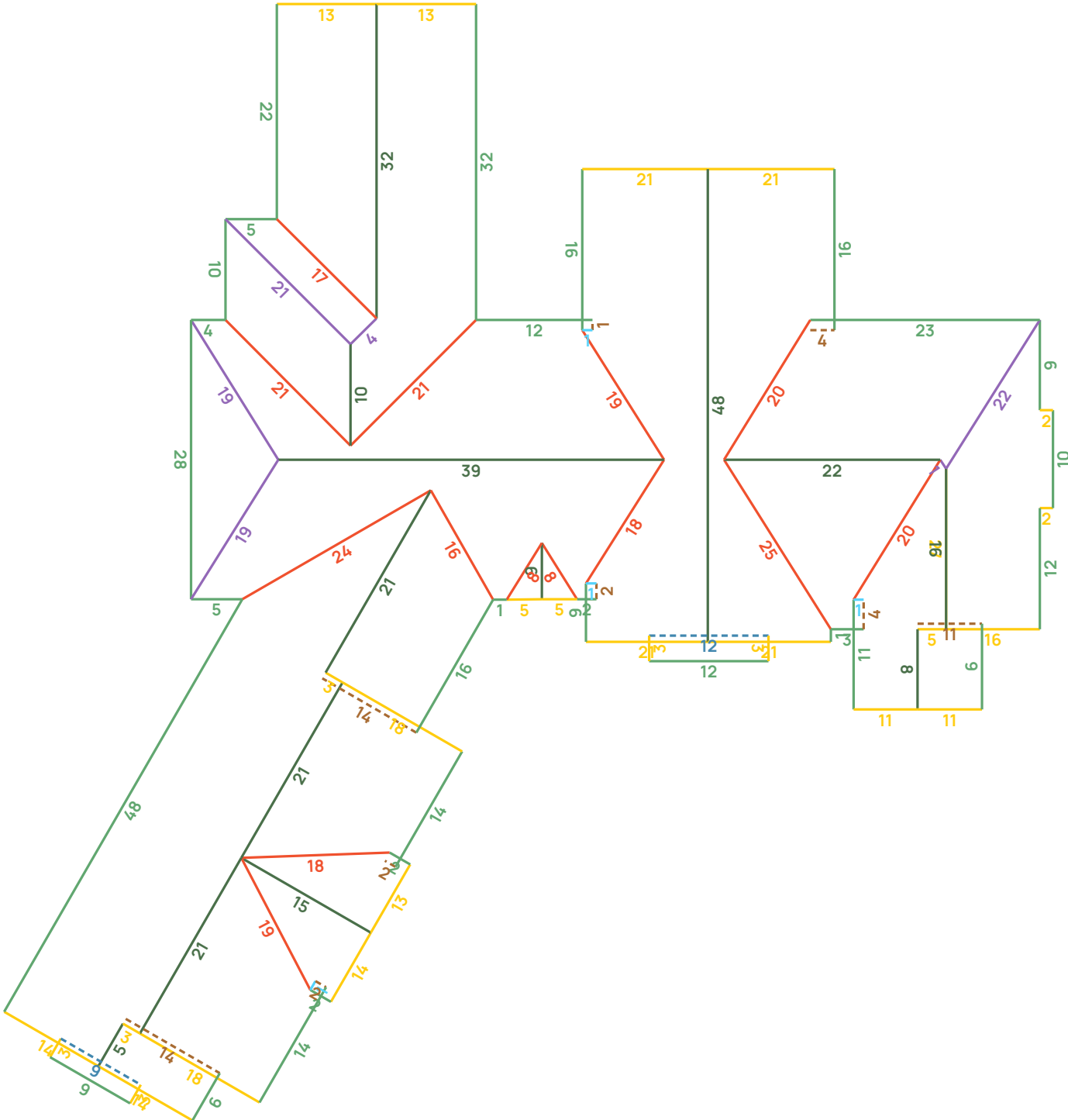
Andy & Mendy Ringer (8700 Hopewell) - 8700 Hopewell Rd, Cincinnati, OH 45242, USA



Length measurement report

Andy & Mendy Ringer (8700 Hopewell) - 8700 Hopewell Rd, Cincinnati, OH 45242, USA

- Eaves: 363ft 1in
- High Eave: 0ft
- Valleys: 254ft 4in
- Hips: 87ft 4in
- Ridges: 264ft 9in
- Rakes: 304ft 2in
- Wall flashing: 21ft 7in
- Step flashing: 54ft 5in
- Parapet: 0ft
- Transitions: 0ft
- Other: 0ft
- Unspecified: 8ft

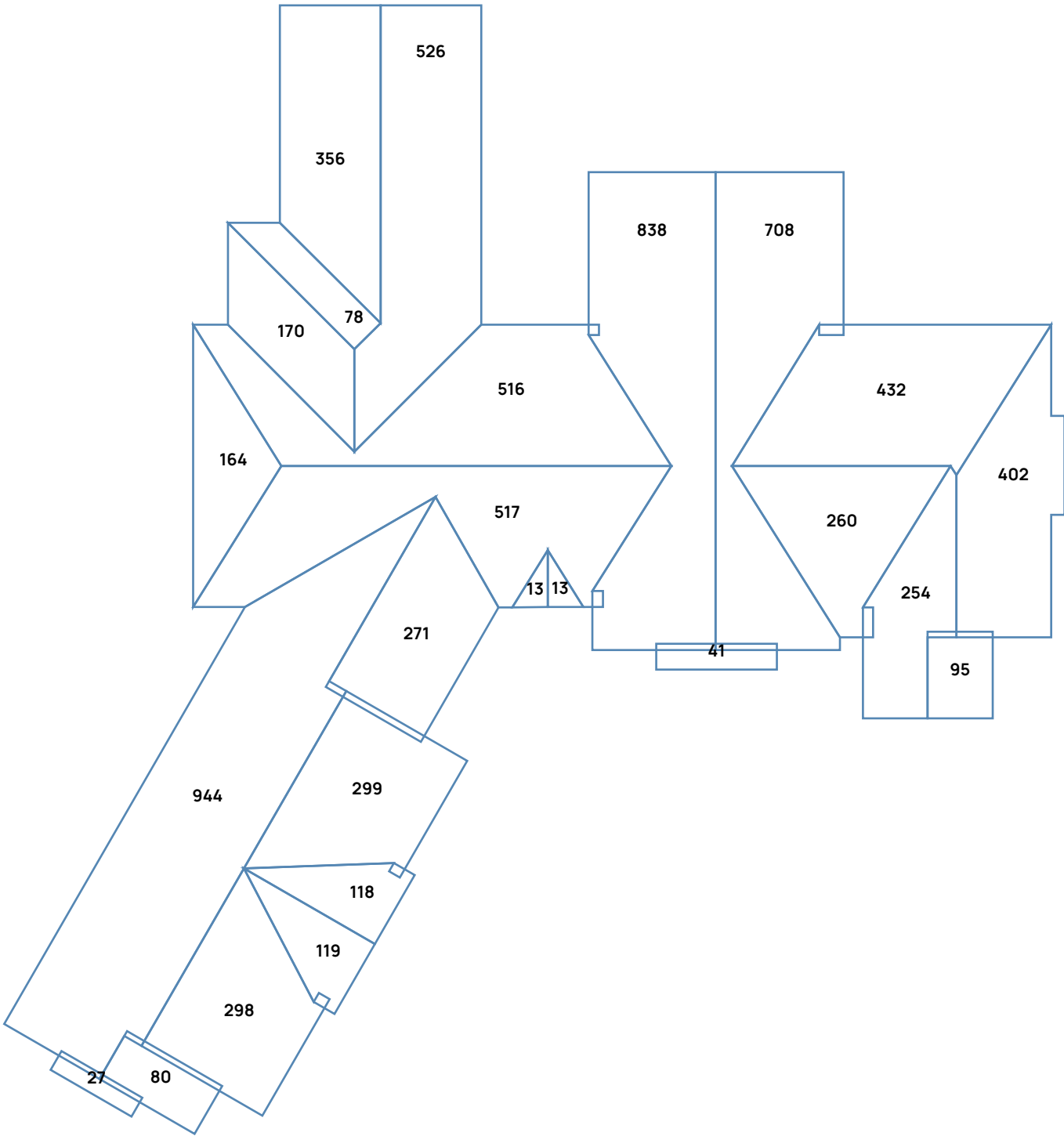


Area measurement report

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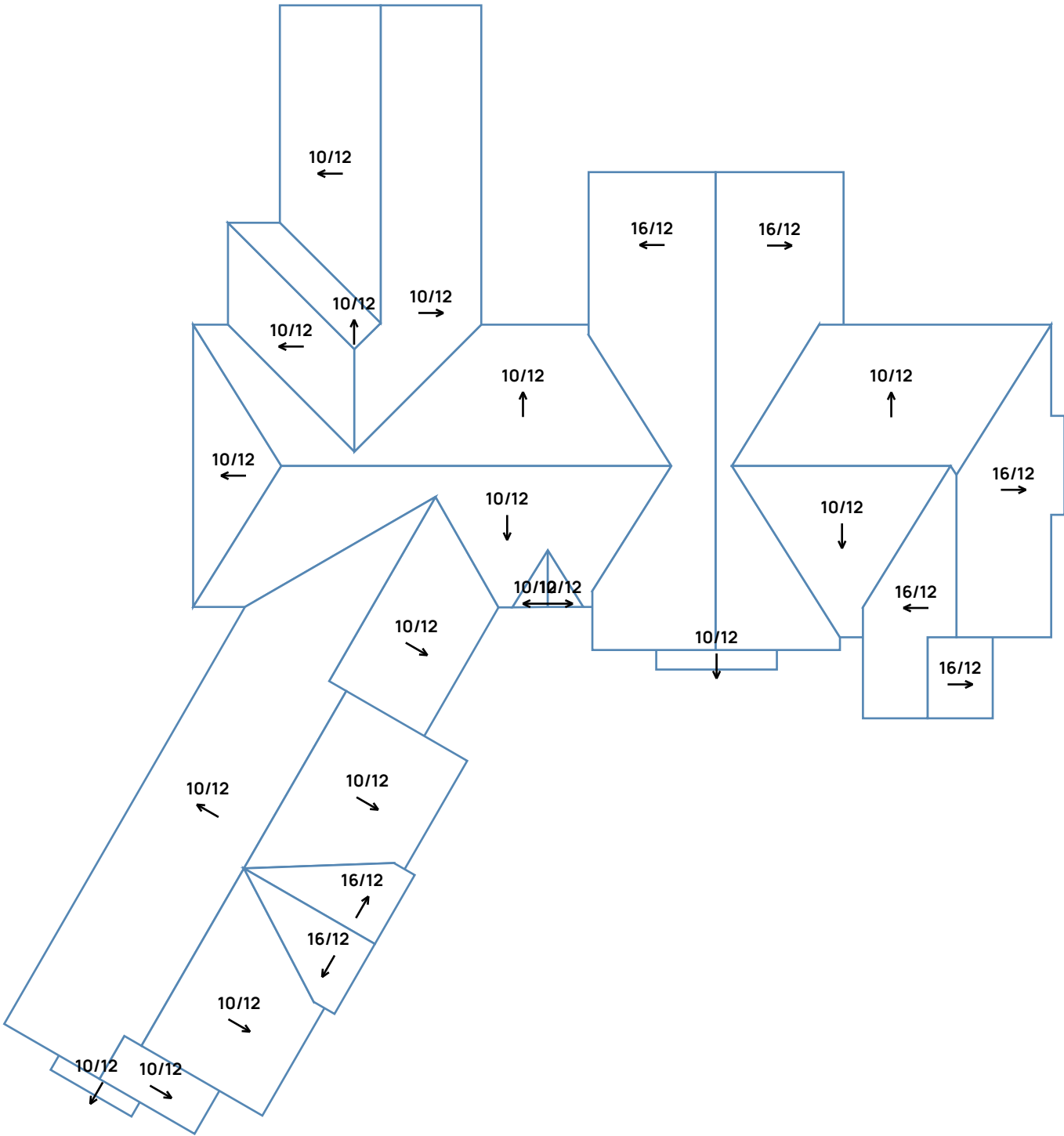
Total roof area: 7,540 sqft
Total pitched area: 7,540 sqft
Total flat area: 0 sqft

Predominant pitch: 10/12
Predominant pitch area: 5,006 sqft
Unspecified pitch area: 0 sqft



Pitch & direction measurement report

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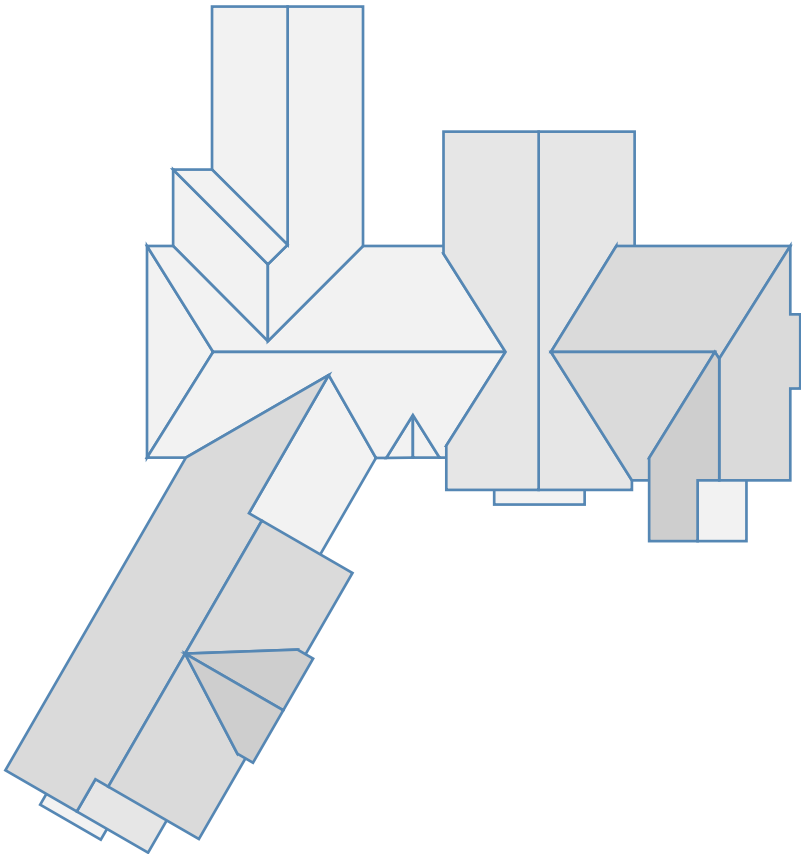


Report summary

Andy & Mendy Ringer (8700 Hopewell) - 8700 Hopewell Rd, Cincinnati, OH 45242, USA

Measurements

Total roof area	7,540 sqft
Total pitched area	7,540 sqft
Total flat area	0 sqft
Total roof facets	25
Predominant pitch	10/12
Total eaves	363ft 1in
Total high eave	0ft
Total valleys	254ft 4in
Total hips	87ft 4in
Total ridges	264ft 9in
Total rakes	304ft 2in
Total wall flashing	21ft 7in
Total step flashing	54ft 5in
Total parapet	0ft
Total transitions	0ft
Total other	0ft
Total unspecified	8ft
Hips + ridges	352ft 1in
Eaves + rakes	667ft 3in



Pitch	10/12	16/12
Area (sqft)	5,006	2,534
Squares	50.1	25.3

Waste factor

Andy & Mendy Ringer (8700 Hopewell) - 8700 Hopewell Rd, Cincinnati, OH 45242, USA

Waste %	0%	10%	12%	15%	17%	20%
Squares	75.4	82.9	84.4	86.7	88.2	90.5
10/12	50.1	55.1	56.1	57.6	58.6	60.1
16/12	25.3	27.9	28.4	29.1	29.6	30.4
Eaves	363	399	407	418	425	436
High Eave	0	0	0	0	0	0
Valleys	254	280	285	292	298	305
Hips	87	96	98	100	102	105
Ridges	265	291	297	305	310	318
Rakes	304	335	341	350	356	365
Wall flashing	22	24	24	25	25	26
Step flashing	54	60	61	63	64	65
Parapet	0	0	0	0	0	0
Transitions	0	0	0	0	0	0
Other	0	0	0	0	0	0
Hips + ridges	352	387	394	405	412	423
Eaves + rakes	667	734	747	767	781	801
Eaves + valleys	617	679	691	710	722	741