

WINCHESTER SCHOOL DISTRICT

REQUESTS FOR PROPOSALS

The Winchester School District is soliciting bids for Shingle Roof Replacement at the Winchester School District, 85 Parker Street, Winchester, N.H.

BID SUBMITTAL MINIMUM REQUIREMENTS:

1. Bids must be received no later than 3:00 PM on Monday April 1, 2019 in order to be considered.
2. Bid must meet **ALL** specifications detailed in this RFP including 30 year manufacturer warranty.
3. Roof Replacement Specs Sheet **MUST** be signed and submitted with bid.
4. Bids **must** include proof of insurance, Certificate of liability required **before** job start date.
5. Provide at least three (3) references – including their name, business name and phone number.
6. Please provide any additional information relative to the experience and competence of the bidder that may be helpful to the District during the selection process.
7. Bids must be in a sealed envelope clearly marked "**Roof Bid**" on the front, and delivered to:
Winchester School District
Attn: Ian Spencer
85 A Parker Street
Winchester, NH 03470

Bids will be opened on Tuesday, April 2, 2019 at 10am in the SAU #94 office at 85A Parker Street, Winchester, NH. (Bidders are welcome to attend)

BID SELECTION PROCESS:

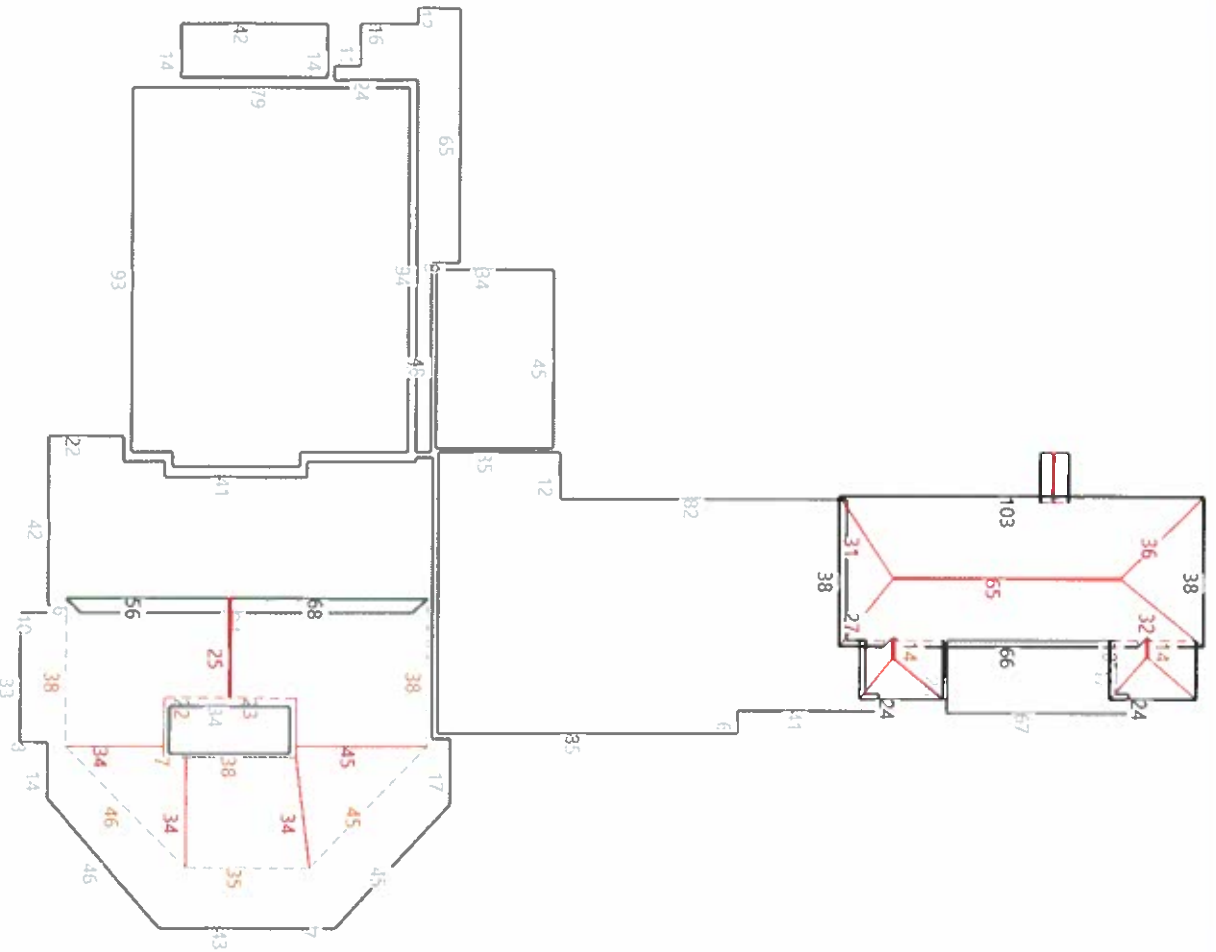
1. All bidders are welcome to inspect the roofs with the Director of Facilities. This is the bidders' opportunity to examine existing conditions and acquaint themselves with obstacles and conditions as well as ask any questions before bidding. Please call Ian Spencer at 603-803-1016 to schedule site visits. Site visits need to be scheduled between March 25-29, 2019.
2. The District reserves the right to accept or reject any and all bids in its discretion to waive any formality, informality, information and/or errors in a bid.
3. Bids will be evaluated in the complete discretion of the District, based upon factors including cost, warranty, the detail and quality of the bid, references, and meeting the needs of the District.
4. If necessary, the District will choose one or more bidders for further evaluation. Such bidders may be required to prepare and provide further information.
5. This Request for Proposal will be available beginning March 18th 2019 at the above address and on the District's website at www.wnhsd.org
6. The selected bidder shall be required to execute a contract with the District within ten (10) business days following notification of its selection or shall be deemed to have declined selection and shall not be permitted to bid again on any subsequent RFP effort for the period of services to which this RFP relates.
7. The District retains the right to terminate this RFP process without any prior notice.

**Roof Replacement Specs for:
Sections D, and E (5th/Specials Building)
Eagle View map and dimensions enclosed**

1. Access to building will be provided no later than July 1, 2019. **All aspects including site cleaning MUST be completed NO later than August 18, 2019.** \$500.00 per day late fee will be deducted from final payment beginning August 19, 2019
2. The Bidder is responsible for ensuring all work will be done in compliance with OSHA safety guidelines.
3. All existing roofing will be stripped and disposed of in a safe and legal manner at the Bidders expense.
4. Three rows of new ice and water barrier membrane would be applied, extending roughly nine feet up the slope of all eave lines, six feet in width along all valleys. The remaining areas of the roof (which were not covered with the membrane) would be covered with a synthetic shingle underlayment.
5. Along all outside roof edges (eave and rake lines) a new continuous, custom shop fabricated, .032" bronze aluminum drip edging would be installed.
6. The prepared roof surfaces would receive new Tamko Heritage AR (algae resistant) architectural fiberglass shingles. These shingles would carry the manufacturer's 30-year limited warranty and UL Class A fire rating. The color would be chosen from the manufacturers standard color chart.
7. All valley lines would receive new custom shop fabricated, .040" bronze aluminum.
8. Ridge vent will be installed where needed for proper ventilation. All ridge and hip lines would be covered with new pre-manufactured Tamko Hip & Ridge cap shingle, matching the field shingle color.
9. All vertical abutting walls would receive new custom shop fabricated step and/or apron flashings.
10. The base of the brick chimneys would be flashed with new custom shop fabricated step and apron flashings terminated up under the original reconditioned and/or new counter-flashing.
11. All curbed units would be re-flashed to the new shingle roofing system as maybe required.
12. The sanitary vent pipes and/or other penetrations would be re-flashed per the roofing manufacturer's recommendations.
13. All debris would be carefully cleaned up and the ground around the perimeter of the building will be dragged with a large magnet to pick up stray nails.
14. The completed roofing system will be accompanied by a warranty would cover our workmanship for a period of two (2) years. Every effort must be made to meet or exceed the manufacturer's installation specification. Winchester School shall be notified **IMMEDIATELY** if any manufacturer's installation specifications cannot be met.

15. Bidder
Name _____ Date _____

16. Bidder
Signature _____



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Length Diagram

Total Line Lengths:

- Ridges = 113 ft**
- Hips = 343 ft**
- Valleys = 18 ft**
- Rakes = 133 ft**
- Eaves = 403 ft**
- Flashing = 69 ft**
- Step flashing = 115 ft**
- Parapets = 2,160 ft**

Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5 feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

EXTENDED COVERAGE 2D

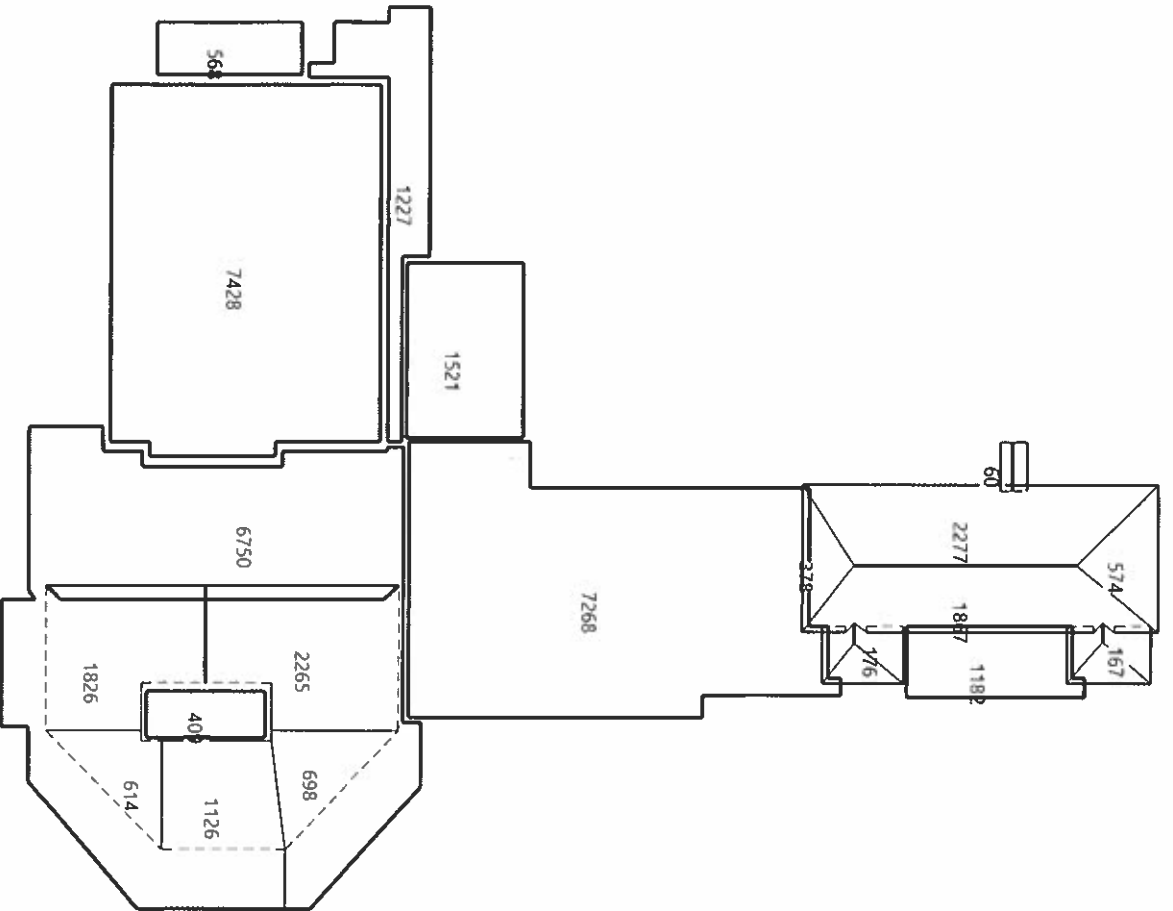
Disclaimer: This report was produced using EagleView Extended Coverage Technology. Due to a variety of reasons including, but not limited to: tree coverage, poor images, low photo resolution or other blockages, this report DOES NOT offer an accuracy guarantee. EagleView recommends that anyone using this report field verify the measurements.



EAGLEVIEW

Report: 21646108

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Area Diagram

Total Area = 38,967 sq ft, with 25 facets.

Note: This diagram shows the square feet of each roof facet (rounded to the nearest foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square feet after being totaled).

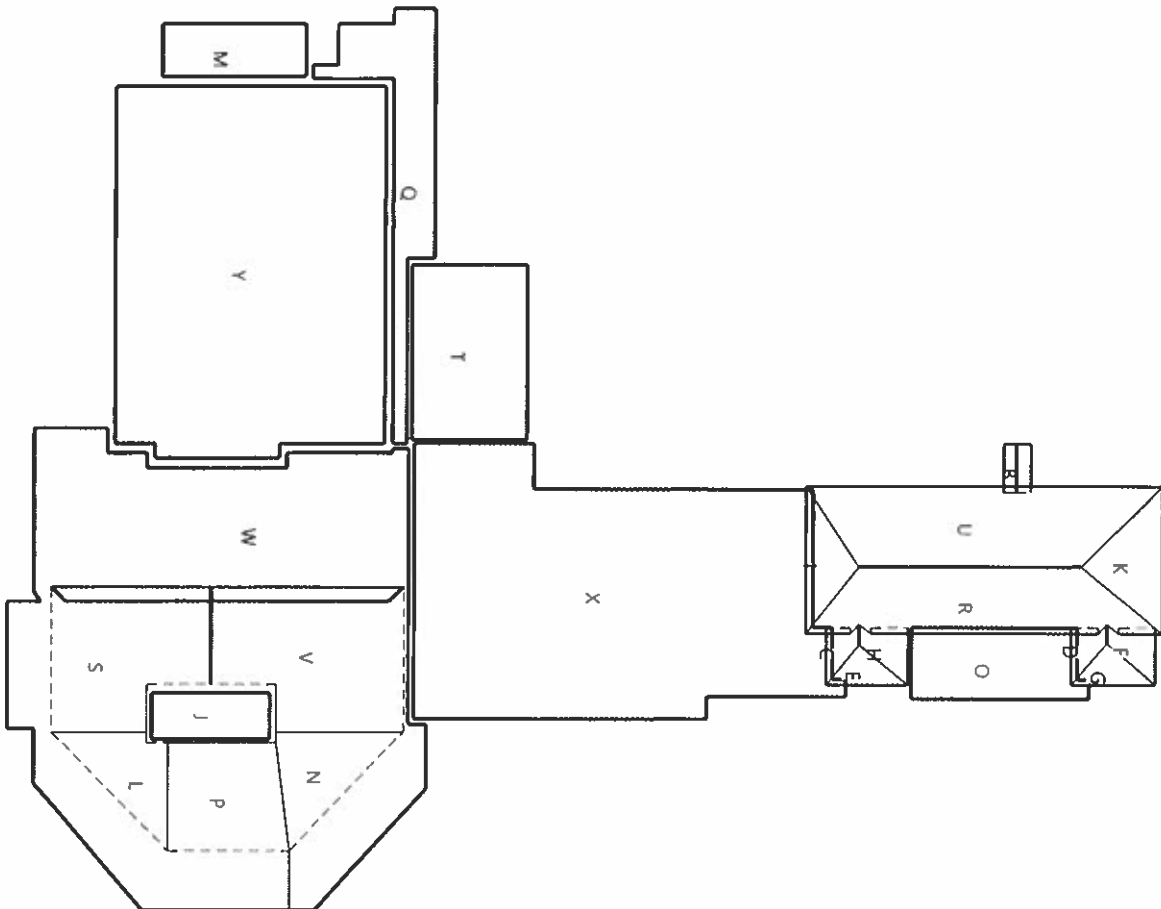
EXTENDED COVERAGE 2D

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Notes Diagram

Roof facets are labeled from smallest to largest (A to Z) for easy reference.

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Facet Area (sq ft) Based Upon Pitch

The area for each facet appears in the column under the appropriate pitch.

Facet	Pitch (inches per foot)										
	0	2	4	6	8	10	12	14	16	18	20
A	46.1	46.7	48.6	51.5	55.4	60	65.2	70.8	76.8	83.1	89.6
B	54.1	54.8	57	60.5	65	70.4	76.5	83.1	90.2	97.5	105.2
C	89.3	90.5	94.1	99.8	107.3	116.2	126.3	137.2	148.8	161	173.6
D	96.7	98	101.9	108.1	116.2	125.9	136.8	148.6	161.2	174.3	188
E	122.5	124.2	129.1	137	147.2	159.5	173.2	188.2	204.2	220.8	238.1
F	128	129.8	134.9	143.1	153.8	166.6	181	196.7	213.3	230.8	248.8
G	129.4	131.2	136.4	144.7	155.5	168.4	183	198.8	215.7	233.3	251.5
H	135.4	137.3	142.7	151.4	162.7	176.3	191.5	208.1	225.7	244.1	263.2
I	290.5	294.5	306.2	324.8	349.1	378.1	410.8	446.4	484.2	523.7	564.6
J	409.4	415	431.5	457.7	492	532.9	579	629.1	682.3	738.1	795.7
K	441.2	447.3	465.1	493.3	530.3	574.3	624	677.9	735.3	795.4	857.5
L	510.7	517.7	538.3	571	613.8	664.8	722.2	784.7	851.2	920.7	992.6
M	567.6	575.4	598.3	634.6	682.2	738.8	802.7	872.2	946	1023.3	1103.2
N	580.4	588.4	611.8	648.9	697.6	755.5	820.8	891.8	967.3	1046.3	1128.1
O	907.9	920.4	957	1015.1	1091.2	1181.8	1284	1395.1	1513.2	1636.7	1764.6
P	937.2	950.1	987.9	1047.8	1126.4	1220	1325.4	1440.1	1562	1689.6	1821.6
Q	1227.2	1244.1	1293.6	1372.1	1474.9	1597.5	1735.5	1885.7	2045.3	2212.4	2385.2
R	1434.6	1454.4	1512.2	1603.9	1724.2	1867.4	2028.8	2204.4	2391	2586.3	2788.4
S	1519.2	1540.2	1601.4	1698.5	1825.9	1977.6	2148.5	2334.4	2532	2738.8	2952.8
T	1520.9	1541.9	1603.2	1700.4	1827.9	1979.8	2150.9	2337	2534.8	2741.8	2956.1
U	1748.9	1773	1843.5	1955.3	2101.9	2276.6	2473.3	2687.3	2914.8	3152.9	3399.3
V	1884.3	1910.3	1986.2	2106.7	2264.6	2452.8	2664.8	2895.4	3140.5	3397	3662.4
W	6750.4	6843.5	7115.5	7547.2	8113	8787.1	9546.5	10372.6	11250.7	12169.5	13120.4
X	7268.4	7368.7	7661.6	8126.3	8735.5	9461.3	10279.1	11168.6	12114	13103.3	14127.2
Y	7402.4	7504.5	7802.8	8276.1	8896.6	9635.8	10468.6	11374.5	12337.3	13344.9	14387.7
Total	36203	36702	38161	40476	43510	47125	51198	55629	60338	65266	70365

Each value is rounded to the nearest square foot. The totals are based on the unrounded values.

Pitch Table

Areas per Pitch	Area (sq ft)	% of Roof
Roof Pitches	17927.4	46%
0/12	7428.1	19.1%
1/12	6528.2	16.8%
8/12	7082.7	18.2%

Pitch Table Disclaimer: The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch. With Extended Coverage, EagleView recommends field verifying measurements and pitch utilizing the table above.

EXTENDED COVERAGE 2D

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Waste Calculation Table

Waste %	Area (sq ft)	Squares
0%	38,967	389.7
10%	42,864	428.6
12%	43,643	436.4
15%	44,812	448.1
17%	45,591	455.9
20%	46,760	467.6
22%	47,540	475.4

This table shows the total roof area and squares (rounded up to the nearest decimal) based upon different waste percentages. The waste factor is subject to the complexity of the roof, individual roofing techniques and your experience. Please consider this when calculating appropriate waste percentages. Note that only roof area is included in these waste calculations. Additional materials needed for ridge, hip, valley, and starter lengths are not included.

Report Summary

Below is a measurement summary of the values presented in this report.

Total Roof Facets = 25

Property Location

Longitude = -72.3775815

Latitude = 42.7682171

Notes

There were no changes to the structure in the past four years.

Lengths, Areas and Pitches

Ridges = 113 ft (5 Ridges)

Hips = 343 ft (12 Hips).

Valleys = 18 ft (4 Valleys)

Rakes* = 133 ft (4 Rakes)

Eaves/Starter** = 403 ft (14 Eaves)

Drip Edge (Eaves + Rakes) = 536 ft (18 Lengths)

Parapet Walls = 2,160 (76 Lengths).

Flashing = 69 ft (7 Lengths)

Step flashing = 115 ft (11 Lengths)

Total Area = 38,967 sq ft

Predominant Pitch = 0/12

EXTENDED COVERAGE 2D**Online Maps**

Online map of property

http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=85+Parker+St,Winchester,NH,03470-2904

Directions from The Melanson Company to this property

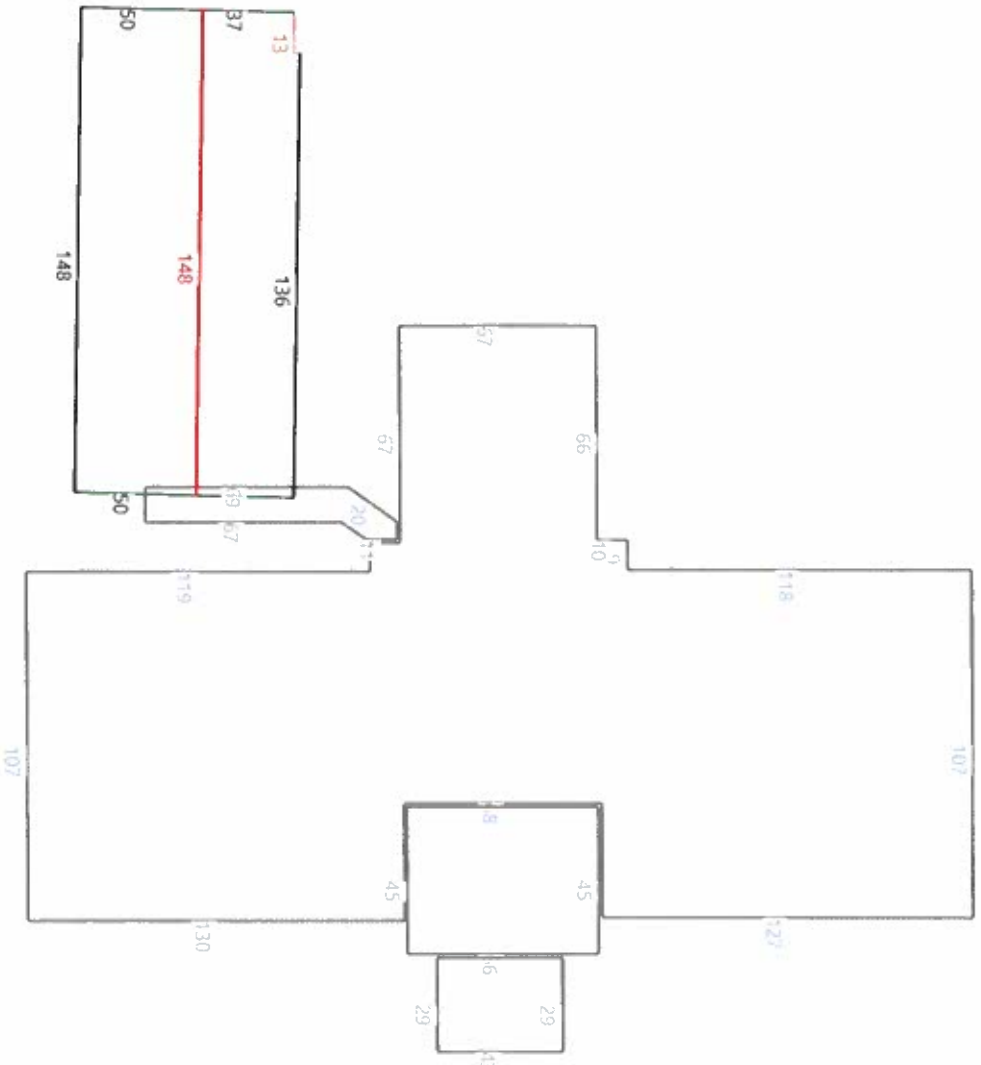
http://maps.google.com/maps?f=d&source=s_d&saddr=353+West+Street,Keene,NH,03431&daddr=85+Parker+St,Winchester,NH,03470-2904

- * Rakes are defined as roof edges that are sloped (not level).
- ** Eaves are defined as roof edges that are not sloped and level.



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Length Diagram

Total Line Lengths:

- Ridges = 149 ft**
- Hips = 0 ft
- Valleys = 0 ft
- Rakes = 178 ft
- Eaves = 285 ft
- Flashing = 13 ft
- Step flashing = 3 ft
- Parapets = 1,642 ft

Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5 feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

EXTENDED COVERAGE 2D

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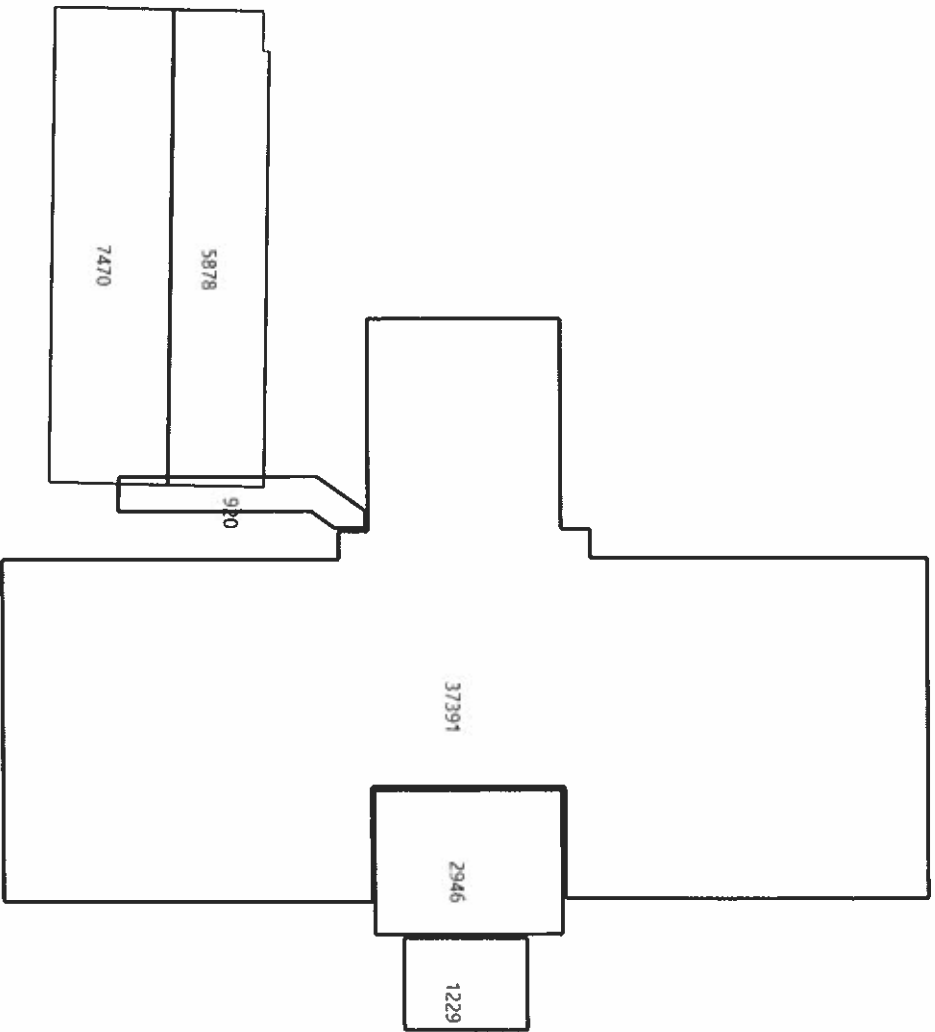
Report: 21653668

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Area Diagram

Total Area = 55,835 sq ft, with 6 facets.

Note: This diagram shows the square feet of each roof facet (rounded to the nearest foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square feet after being totaled).



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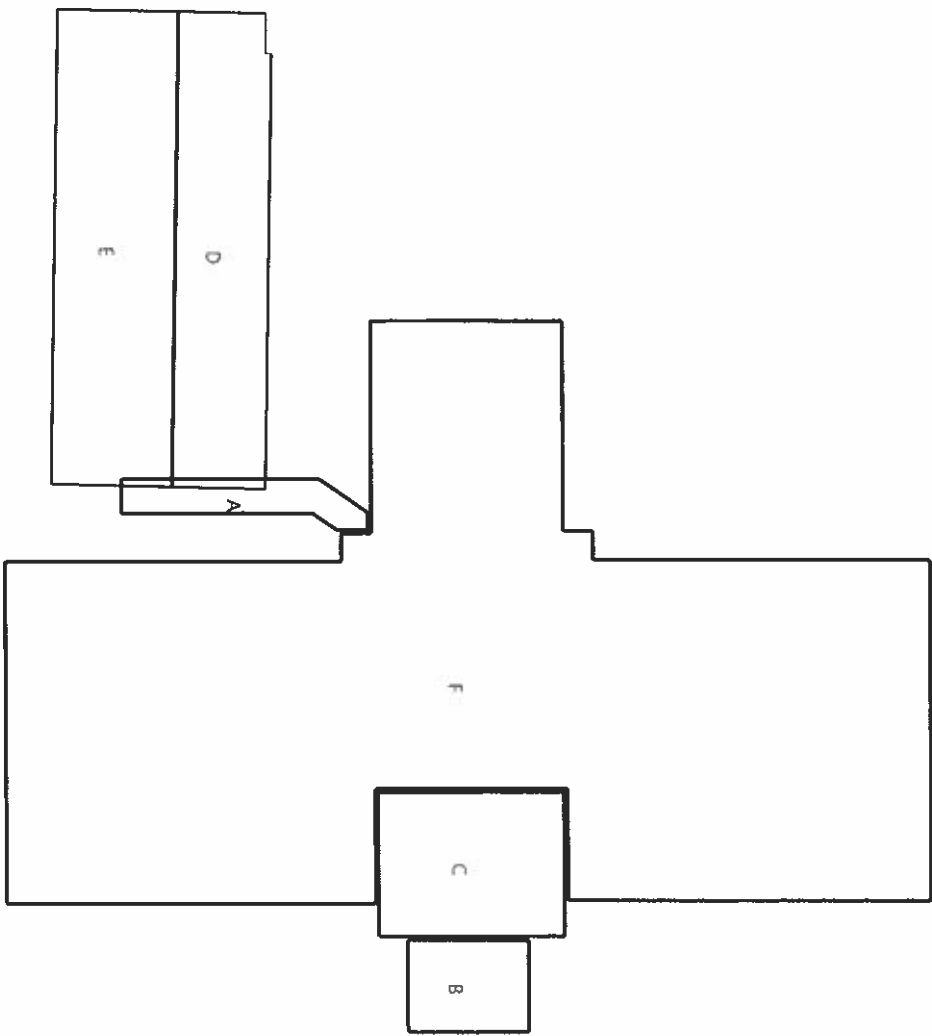
EagleView

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Notes Diagram

Roof facets are labeled from smallest to largest (A to Z) for easy reference.



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Facet Area (sq ft) Based Upon Pitch

The area for each facet appears in the column under the appropriate pitch.

Facet	Pitch(inches per foot)										
	0	2	4	6	8	10	12	14	16	18	20
A	919.5	932.2	969.2	1028	1105.1	1196.9	1300.4	1412.9	1532.5	1657.7	1787.2
B	1224.8	1241.7	1291.1	1369.4	1472	1594.3	1732.1	1882	2041.3	2208	2380.6
C	2936.3	2976.8	3095.1	3282.9	3529	3822.2	4152.6	4511.9	4893.8	5293.5	5707.1
D	4890.8	4958.3	5155.4	5468.1	5878	6366.4	6916.6	7515.2	8151.3	8817	9506
E	6215.4	6301.1	6551.6	6949	7470	8090.6	8789.9	9550.5	10359	11205	12080.6
F	37262	37776	39277.6	41660.2	44783.4	48504.3	52696.4	57256.4	62103.3	67175	72424.3
Total	53449	54186	56340	59758	64238	69575	75588	82129	89081	96356	103886

Pitch Table

Areas per Pitch	Area (sq ft)	% of Roof
Roof Pitches	919.5	1.6%
0/12	41566.7	74.4%
1/12	13348	23.9%

Pitch Table Disclaimer: The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch. With Extended Coverage, EagleView recommends field verifying measurements and pitch utilizing the table above.

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Waste Calculation Table

Waste %	Area (sq ft)	Squares
0%	55,835	558.3
10%	61,419	614.2
12%	62,535	625.4
15%	64,210	642.1
17%	65,327	653.3
20%	67,002	670.0
22%	68,119	681.2

This table shows the total roof area and squares (rounded up to the nearest decimal) based upon different waste percentages. The waste factor is subject to the complexity of the roof, individual roofing techniques and your experience. Please consider this when calculating appropriate waste percentages. Note that only roof area is included in these waste calculations. Additional materials needed for ridge, hip, valley, and starter lengths are not included.

Report Summary

Below is a measurement summary of the values presented in this report.

Total Roof Facets = 6

Property Location

Longitude = -72.3764888
Latitude = 42.7678457

Notes

There were no changes to the structure in the past four years.

Lengths, Areas and Pitches

- Ridges = 149 ft (1 Ridges)
- Hips = 0 ft (0 Hips)
- Valleys = 0 ft (0 Valleys)
- Rakes* = 178 ft (4 Rakes)
- Eaves/Starter** = 285 ft (2 Eaves)
- Drip Edge (Eaves + Rakes) = 463 ft (6 Lengths)
- Parapet Walls = 1,642 (31 Lengths).
- Flashing = 13 ft (1 Lengths)
- Step flashing = 3 ft (1 Lengths)
- Total Area = 55,835 sq ft
- Predominant Pitch = 1/12

EXTENDED COVERAGE 2D

Online Maps

Online map of property
http://maps.google.com/maps?=&source=s_q&hl=en&geocode=&q=85+Parker+St,Winchester,NH,03470-2904
 Directions from The Melanson Company to this property
http://maps.google.com/maps?=&source=s_d&saddr=353+West+Street,Keene,NH,03431&daddr=85+Parker+St,Winchester,NH,03470-2904

- * Rakes are defined as roof edges that are sloped (not level).
- ** Eaves are defined as roof edges that are not sloped and level.



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