



Procurement Office
495 Upper Falls Blvd.
Rochester, NY 14605
Fax: 585-697-7164
WWW.ROCHESTERHOUSING.ORG

March 24, 2020

ADDENDUM #1

To: Potential Bidders

RE: Rochester Housing Authority,

R-16 Scattered Site Roof Replacement

There is one page with this Addendum. There is also an attachment which includes the Eagle View documents for each roof. Please open the attachment to use For your proposal.

Please Note: Award and start date may be delayed due to the novel coronavirus pandemic.

Acknowledgement:

I have received the above referenced Addendum #1 and have used it in the calculation/preparation of this bid.

Contractor

Without acknowledgement of this addendum, your bid may be considered non-responsive.

Addendum #1

Re: Rochester Housing Authority Scattered Site Roof Replacement R-16

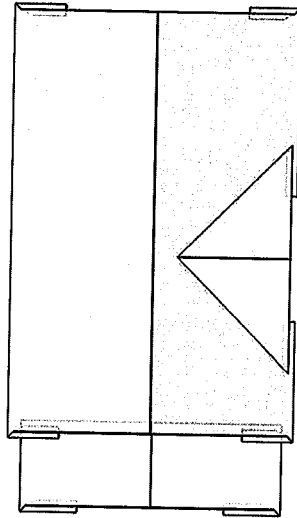
Questions from contractors:

Question: It was explained to quote the price in our bid as if all Fascia and Wrap needed to be replaced. Does this mean all Fascia board and wrap on EAVES and RAKES? or just where gutters would be replaced or installed on just EAVES

Answer: The project includes replacement of all metal covering the fascia and rake boards along with soffits, gutters and downspouts. The contractor is directed to include full replacement of all fascia boards and roof decking as part of their bid price. (The fascia board is the board that covers the ends of the roof rafters). The roof decking and fascia boards are to be replaced on an **as needed** basis using the contractor's **unit prices** supplied in their bid package to determine the amount RHA will pay for their replacement. The contractor will issue a credit to RHA at the end of the project for any roof decking and fascia boards not replaced using the contractor's **unit prices** for each item to determine the credit / contract reduction amount. (if 100% of the project's roof decks and fascia boards were replaced then no credit will be due back to RHA)

Note to Contractors:

Due to the COVID 19 pandemic in NYS this project may have a delayed start date.



In this 3D model, facets appear as semi-transparent to reveal overhangs.

PREPARED FOR

Contact: James Senger
 Company: Rochester Housing Authority
 Address: 675 W Main St
 Rochester, NY 14611-2313
 Phone: 585-202-1266

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MEASUREMENTS

Total Roof Area =1,472 sq ft
 Total Roof Facets =12
 Predominant Pitch =11/12
 Number of Stories >1
 Total Ridges/Hips =60 ft
 Total Valleys =34 ft
 Total Rakes =126 ft
 Total Eaves =109 ft

Measurements provided by www.eagleview.com



Certified Accurate

www.eagleview.com/Guarantee.aspx

IMAGES

The following aerial images show different angles of this structure for your reference.

Top View



IMAGES

North Side



South Side



IMAGES

East Side



West Side

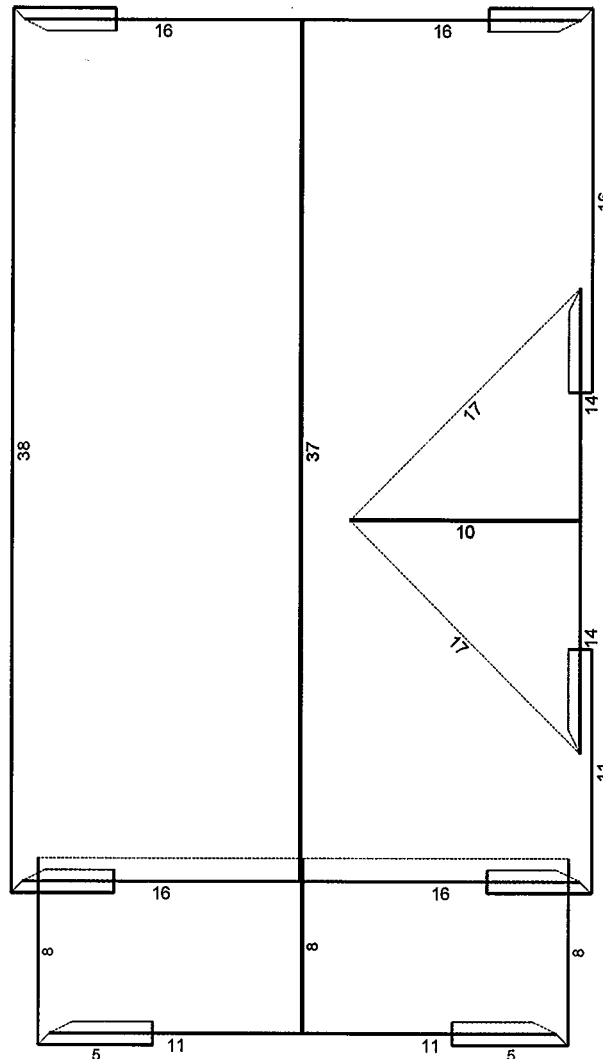


LENGTH DIAGRAM

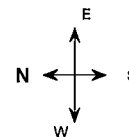
Total Line Lengths:
Ridges = 55 ft
 Hips = 5 ft

Valleys = 34 ft
 Rakes = 126 ft
 Eaves = 109 ft

Flashing = 26 ft
 Step flashing = 34 ft
Parapets = 0 ft



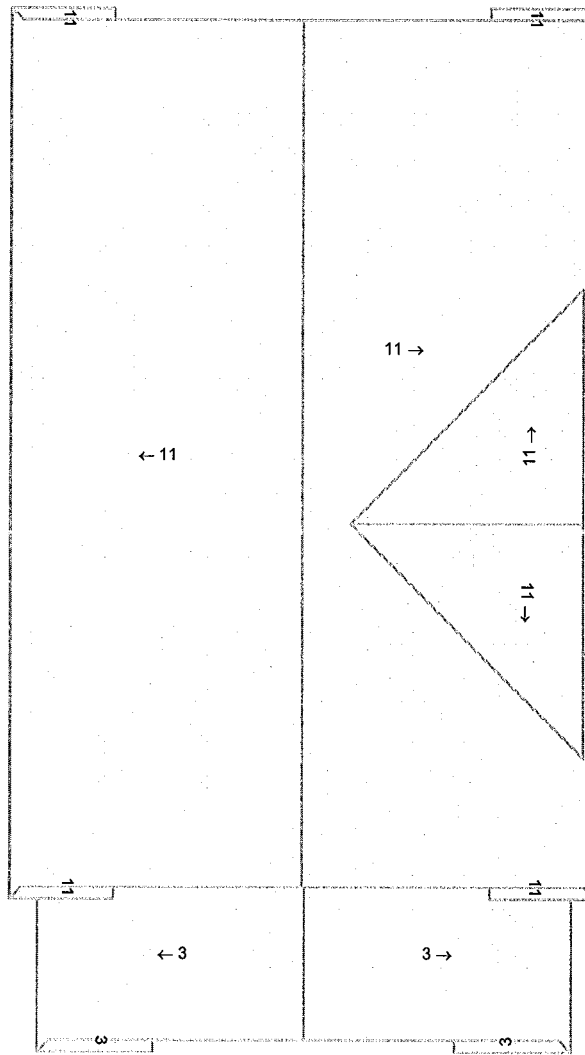
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Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 11/12

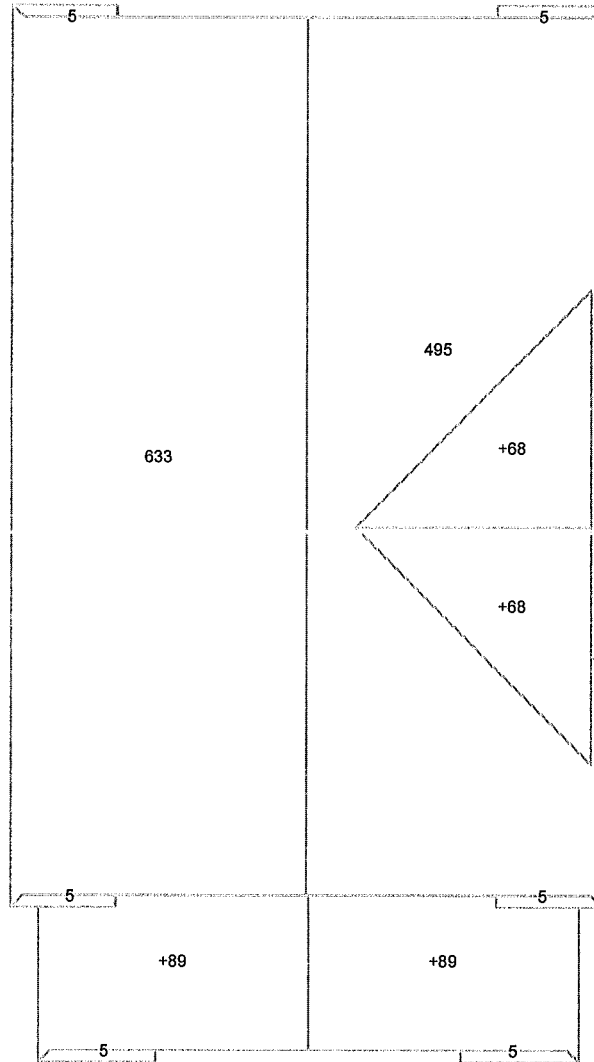


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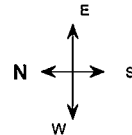
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

AREA DIAGRAM

Total Area = 1,472 sq ft, with 12 facets.



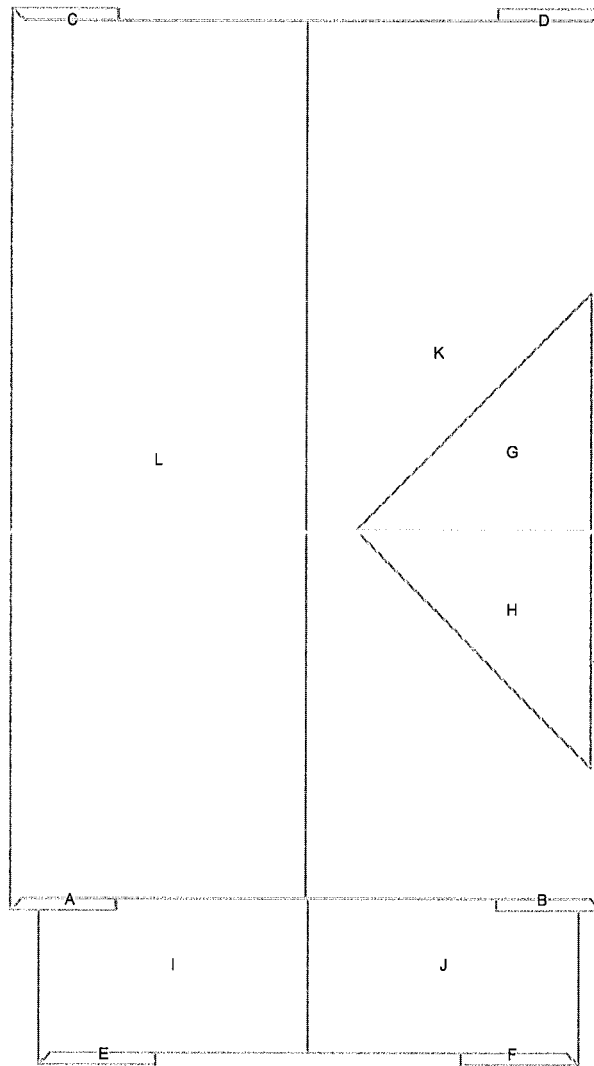
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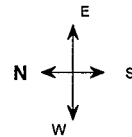
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

NOTES DIAGRAM

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



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REPORT SUMMARY

All Structures

Areas per Pitch		
Roof Pitches	3/12	11/12
Area (sq ft)	187.0	1284.8
% of Roof	12.7%	87.3%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

Structure Complexity		
Simple	Normal	Complex

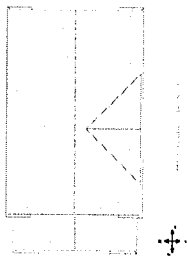
Waste Calculation										
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the Lengths, Areas, and Pitches section below.										

Waste %	0%	4%	9%	12%	14%	16%	19%	24%	29%
Area (Sq ft)	1472	1531	1605	1649	1679	1708	1752	1826	1899
Squares *	15.00	15.33	16.33	16.66	17.00	17.33	17.66	18.33	19.00
	Measured				Suggested				

* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

All Structures Totals



Total Roof Facets = 12

Lengths, Areas and Pitches

Ridges = 55 ft (3 Ridges)
 Hips = 5 ft (6 Hips).
 Valleys = 34 ft (2 Valleys)
 Rakes† = 126 ft (16 Rakes)
 Eaves/Starter‡ = 109 ft (11 Eaves)
 Drip Edge (Eaves + Rakes) = 235 ft (27 Lengths)
 Parapet Walls = 0 (0 Lengths).
 Flashing = 26 ft (8 Lengths)
 Step flashing = 34 ft (10 Lengths)
 Predominant Pitch = 11/12
Total Area (All Pitches) = 1,472 sq ft

Property Location

Longitude = -77.6428122
 Latitude = 43.1328818

Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

† Rakes are defined as roof edges that are sloped (not level).

‡ Eaves are defined as roof edges that are not sloped and level.

24 Chandler St, Rochester, NY 14619-2012

Report: 32669617

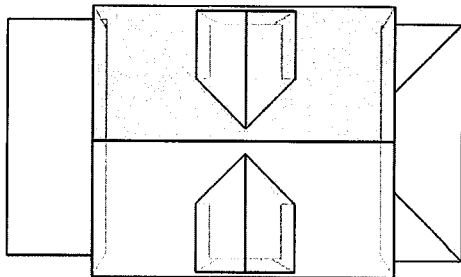
Online Maps

Online map of property

http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=24+Chandler+St,Rochester,NY,14619-2012

Directions from Rochester Housing Authority to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=24+Chandler+St,Rochester,NY,14619-2012



In this 3D model, facets appear as semi-transparent to reveal overhangs.

PREPARED FOR

Contact: James Senger
Company: Rochester Housing Authority
Address: 675 W Main St
Rochester, NY 14611-2313
Phone: 585-202-1266

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Report Summary8

MEASUREMENTS

Total Roof Area =2,160 sq ft
Total Roof Facets =14
Predominant Pitch =12/12
Number of Stories >1
Total Ridges/Hips =87 ft
Total Valleys =38 ft
Total Rakes =138 ft
Total Eaves =249 ft

Measurements provided by www.eagleview.com



Certified Accurate

www.eagleview.com/Guarantee.aspx

IMAGES

The following aerial images show different angles of this structure for your reference.

Top View

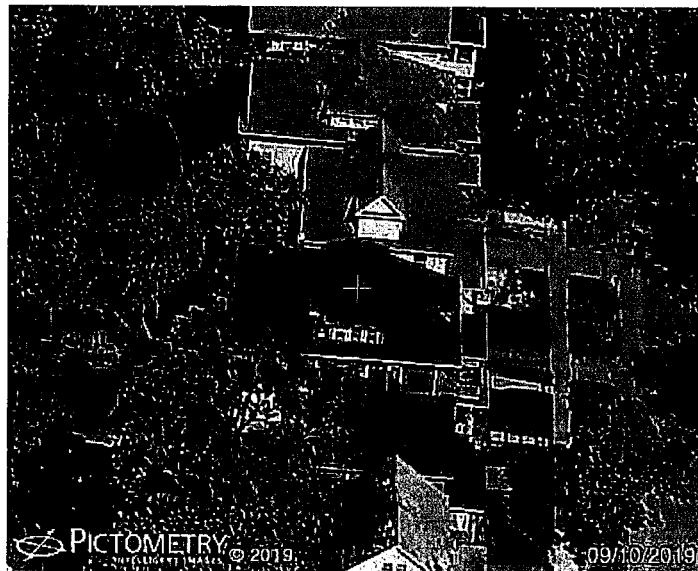


IMAGES

North Side



South Side

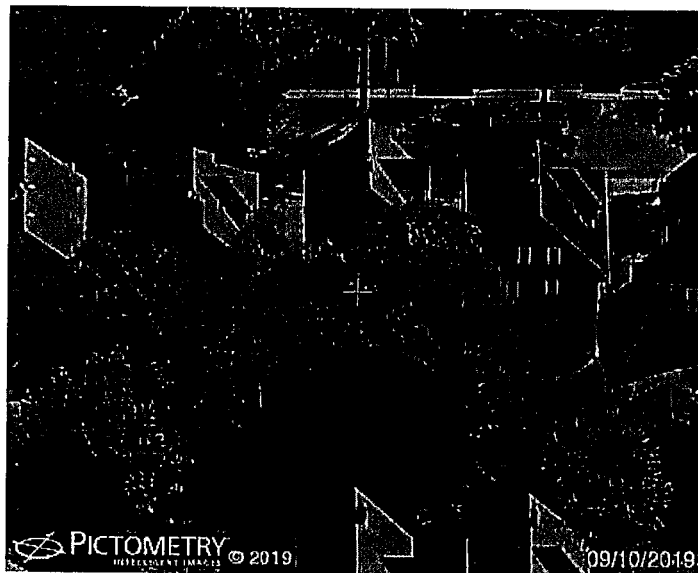


IMAGES

East Side



West Side

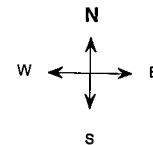
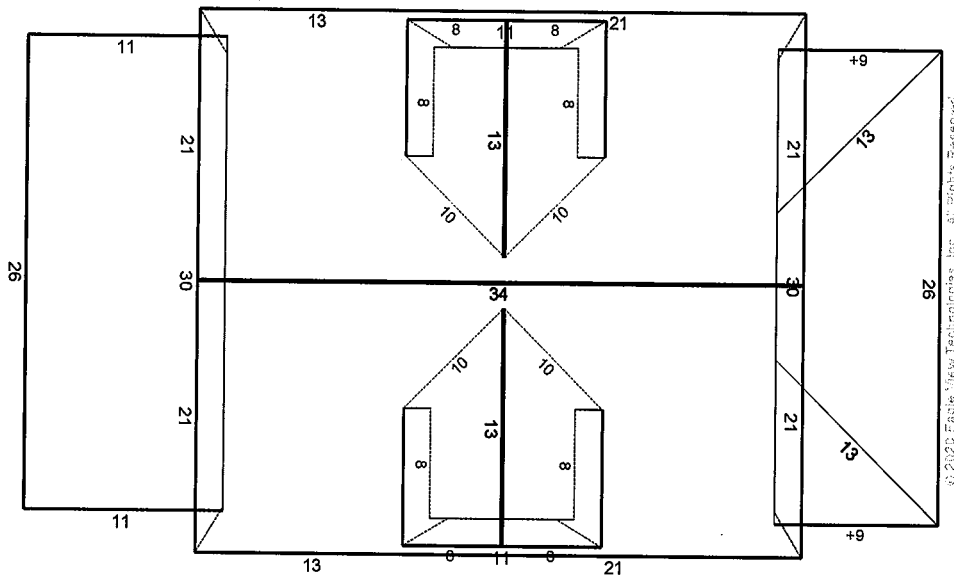


LENGTH DIAGRAM

Total Line Lengths:
Ridges = 60 ft
 Hips = 27 ft

Valleys = 38 ft
 Rakes = 138 ft
 Eaves = 249 ft

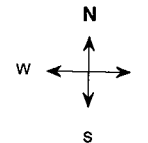
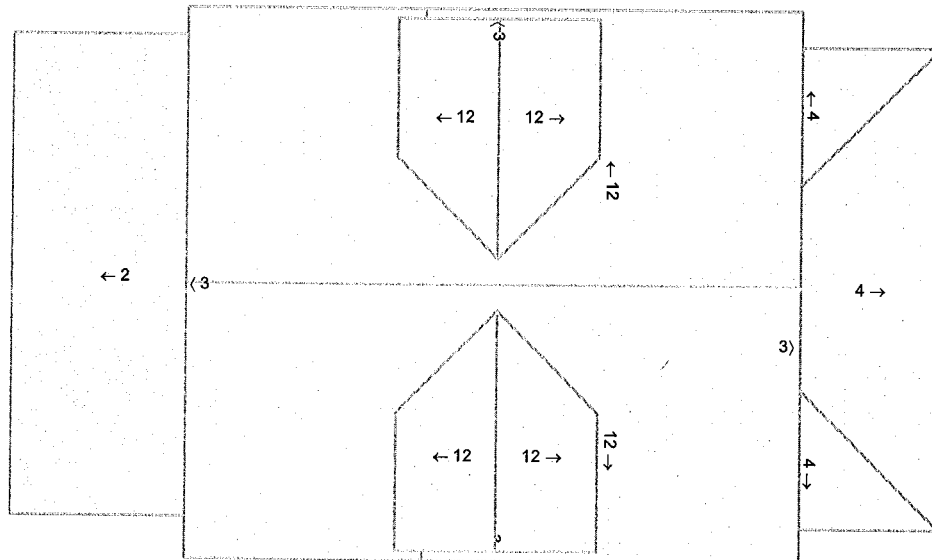
Flashing = 118 ft
 Step flashing = 77 ft
Parapets = 0 ft



Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 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).

PITCH DIAGRAM

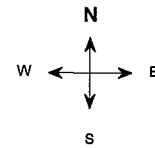
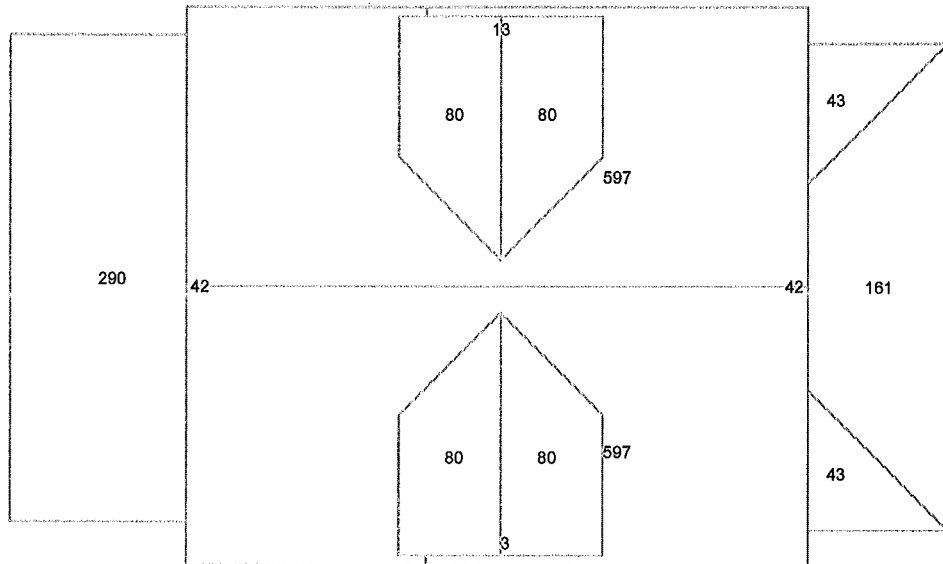
Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 12/12



Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater. Gray shading indicates flat, 1/12 or 2/12 pitches.

AREA DIAGRAM

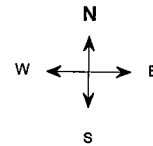
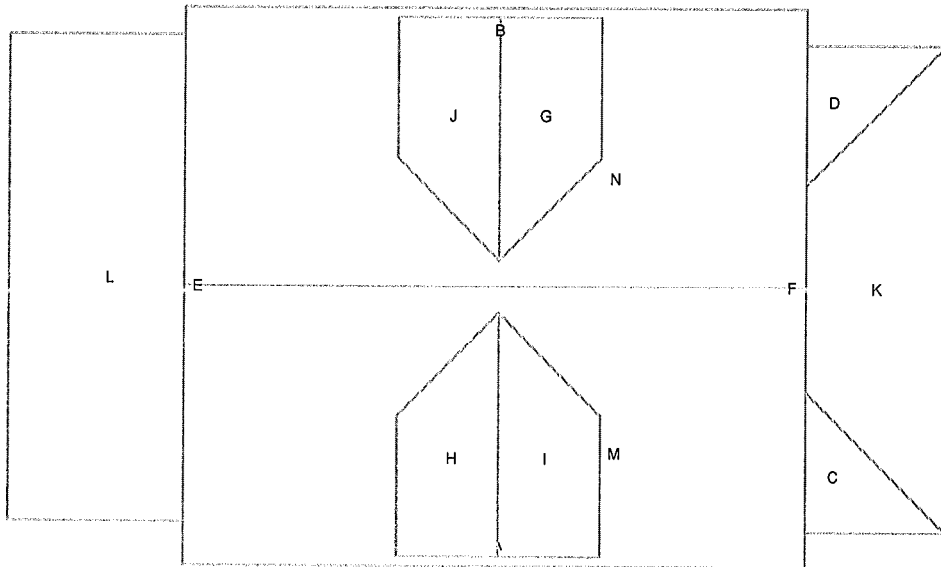
Total Area = 2,160 sq ft, with 14 facets.



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 foot after being totaled).

NOTES DIAGRAM

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



REPORT SUMMARY

All Structures

Areas per Pitch				
Roof Pitches	2/12	3/12	4/12	12/12
Area (sq ft)	289.9	110.6	246.7	1512.0
% of Roof	13.4%	5.1%	11.4%	70%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

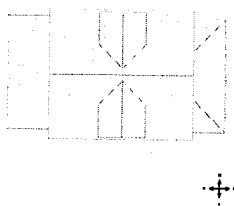
Structure Complexity		
Simple	Normal	Complex

Waste Calculation									
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the Lengths, Areas, and Pitches section below.									
Waste %	0%	1%	6%	11%	14%	16%	18%	21%	26%
Area (Sq ft)	1870	1889	1983	2076	2132	2170	2207	2263	2357
Squares *	19.00	19.00	20.00	21.00	21.33	22.00	22.33	22.66	23.66
	Measured					Suggested			

* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

All Structures Totals



Total Roof Facets = 14

Lengths, Areas and Pitches

- Ridges = 60 ft (3 Ridges)
- Hips = 27 ft (2 Hips)
- Valleys = 38 ft (4 Valleys)
- Rakes[†] = 138 ft (10 Rakes)
- Eaves/Starter[‡] = 249 ft (16 Eaves)
- Drip Edge (Eaves + Rakes) = 387 ft (26 Lengths)
- Parapet Walls = 0 (0 Lengths)
- Flashing = 118 ft (12 Lengths)
- Step flashing = 77 ft (14 Lengths)
- Predominant Pitch = 12/12
- Total Area (All Pitches) = 2,160 sq ft**

Property Location

Longitude = -77.6500773
Latitude = 43.1486331

Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

[†] Rakes are defined as roof edges that are sloped (not level).
[‡] Eaves are defined as roof edges that are not sloped and level.

59 Fillmore St, Rochester, NY 14611-2511

Report: 32669737

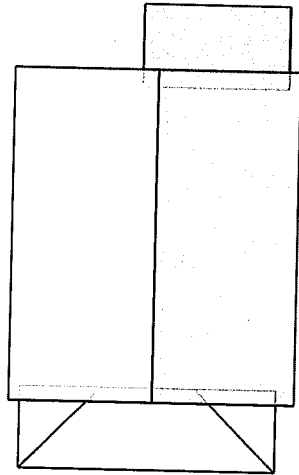
Online Maps

Online map of property

http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=59+Fillmore+St,Rochester,NY,14611-2511

Directions from Rochester Housing Authority to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=59+Fillmore+St,Rochester,NY,14611-2511



In this 3D model, facets appear as semi-transparent to reveal overhangs.

PREPARED FOR

Contact: James Senger
Company: Rochester Housing Authority
Address: 675 W Main St
Rochester, NY 14611-2313
Phone: 585-202-1266

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MEASUREMENTS

- Total Roof Area =1,053 sq ft
- Total Roof Facets =6
- Predominant Pitch =6/12
- Number of Stories >1
- Total Ridges/Hips =50 ft
- Total Valleys =0 ft
- Total Rakes =72 ft
- Total Eaves =106 ft

Measurements provided by www.eagleview.com



Certified Accurate

www.eagleview.com/Guarantee.aspx

IMAGES

The following aerial images show different angles of this structure for your reference.

Top View



IMAGES

North Side



South Side



IMAGES

East Side



West Side

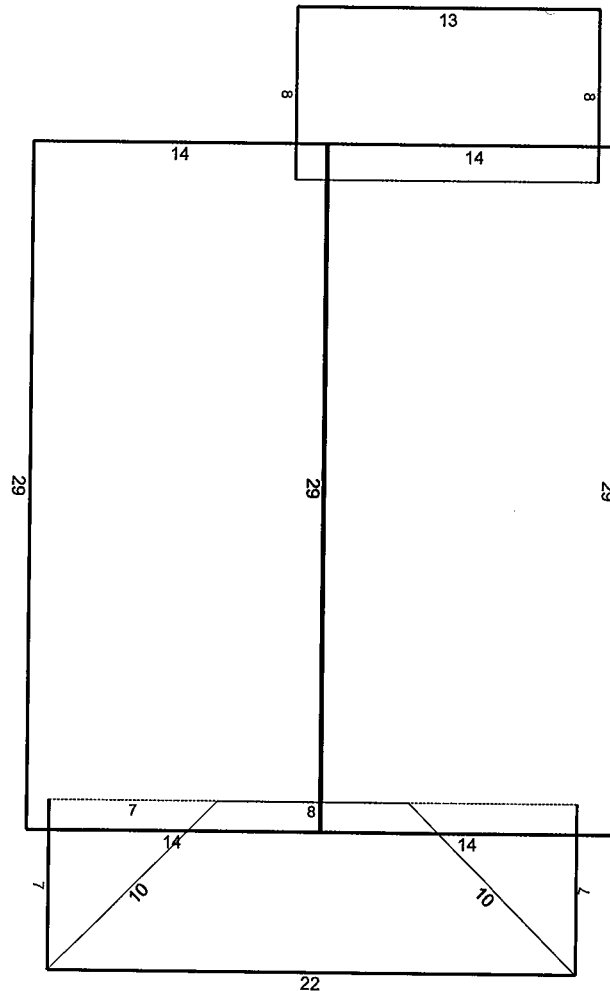


LENGTH DIAGRAM

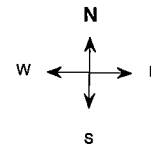
Total Line Lengths:
Ridges = 29 ft
 Hips = 21 ft

Valleys = 0 ft
 Rakes = 72 ft
 Eaves = 106 ft

Flashing = 21 ft
 Step flashing = 15 ft
Parapets = 0 ft



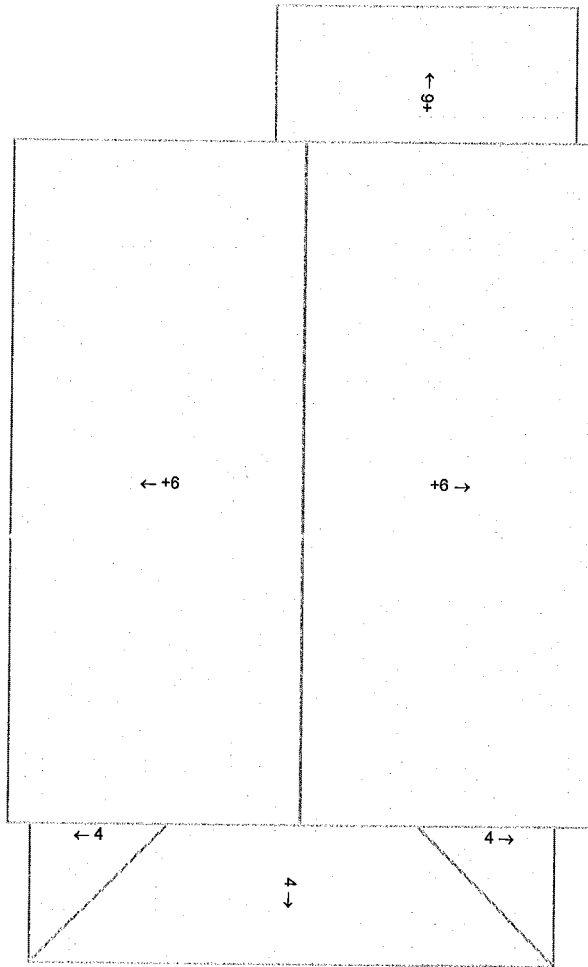
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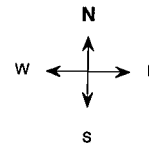
Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 6/12



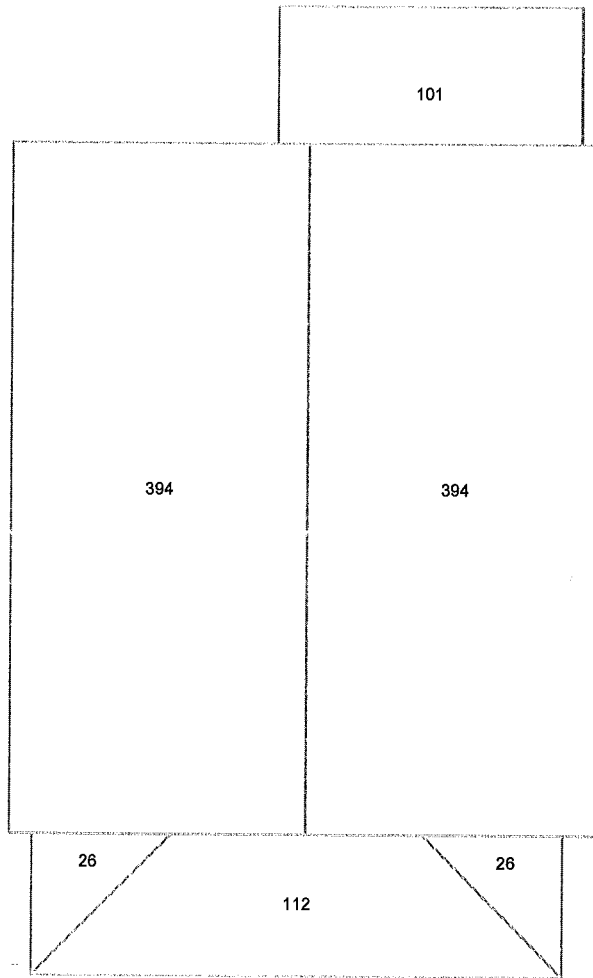
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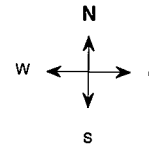
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

AREA DIAGRAM

Total Area = 1,053 sq ft, with 6 facets.



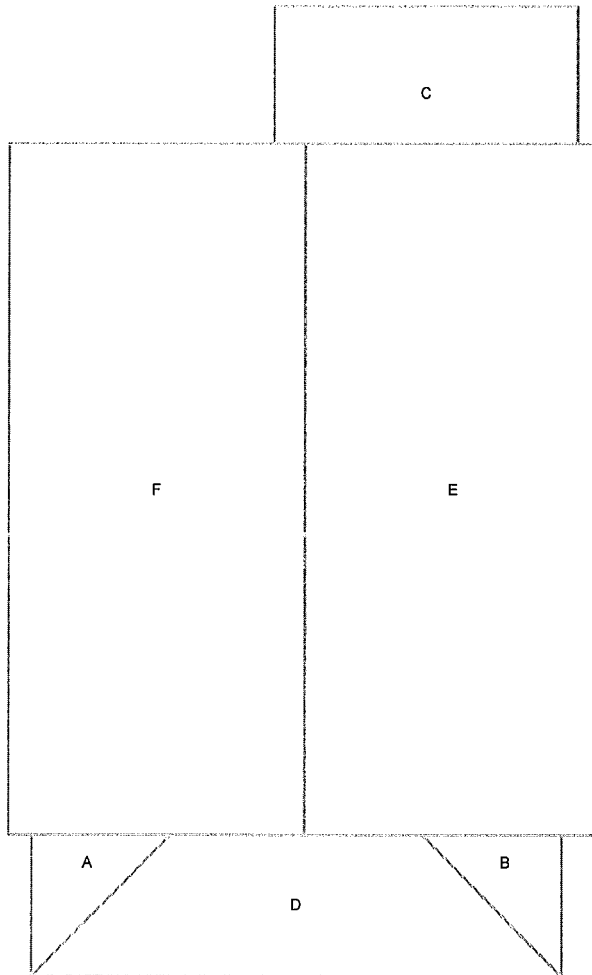
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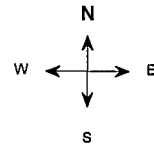
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

NOTES DIAGRAM

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



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REPORT SUMMARY

All Structures

Areas per Pitch		
Roof Pitches	4/12	6/12
Area (sq ft)	164.3	888.6
% of Roof	15.6%	84.4%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

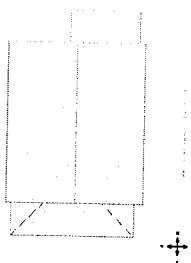
Structure Complexity		
Simple	Normal	Complex

Waste Calculation										
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the Lengths, Areas, and Pitches section below.										
Waste %	0%	4%	9%	12%	14%	16%	19%	24%	29%	
Area (Sq ft)	1053	1096	1148	1180	1201	1222	1254	1306	1359	
Squares *	10.66	11.00	11.66	12.00	12.33	12.33	12.66	13.33	13.66	
	Measured				Suggested					

* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

All Structures Totals



Lengths, Areas and Pitches

Ridges = 29 ft (1 Ridges)
 Hips = 21 ft (2 Hips)
 Valleys = 0 ft (0 Valleys)
 Rakes[†] = 72 ft (6 Rakes)
 Eaves/Starter[‡] = 106 ft (6 Eaves)
 Drip Edge (Eaves + Rakes) = 178 ft (12 Lengths)
 Parapet Walls = 0 (0 Lengths)
 Flashing = 21 ft (2 Lengths)
 Step flashing = 15 ft (2 Lengths)
 Predominant Pitch = 6/12
Total Area (All Pitches) = 1,053 sq ft

Property Location

Longitude = -77.6413696
 Latitude = 43.1724840

Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

Total Roof Facets = 6

[†] Rakes are defined as roof edges that are sloped (not level).
[‡] Eaves are defined as roof edges that are not sloped and level.

60 Michigan St, Rochester, NY 14606-2425

Report: 32669931

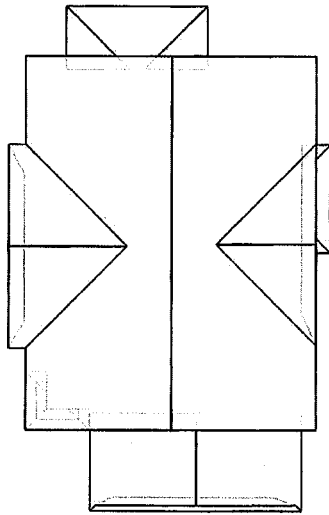
Online Maps

Online map of property

http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=60+Michigan+St,Rochester,NY,14606-2425

Directions from Rochester Housing Authority to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=60+Michigan+St,Rochester,NY,14606-2425



In this 3D model, facets appear as semi-transparent to reveal overhangs.

PREPARED FOR

Contact: James Senger
Company: Rochester Housing Authority
Address: 675 W Main St
Rochester, NY 14611-2313
Phone: 585-202-1266

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MEASUREMENTS

- Total Roof Area =1,832 sq ft
- Total Roof Facets =25
- Predominant Pitch =12/12
- Number of Stories >1
- Total Ridges/Hips =105 ft
- Total Valleys =67 ft
- Total Rakes =153 ft
- Total Eaves =169 ft

Measurements provided by www.eagleview.com



Certified Accurate

www.eagleview.com/Guarantee.aspx

IMAGES

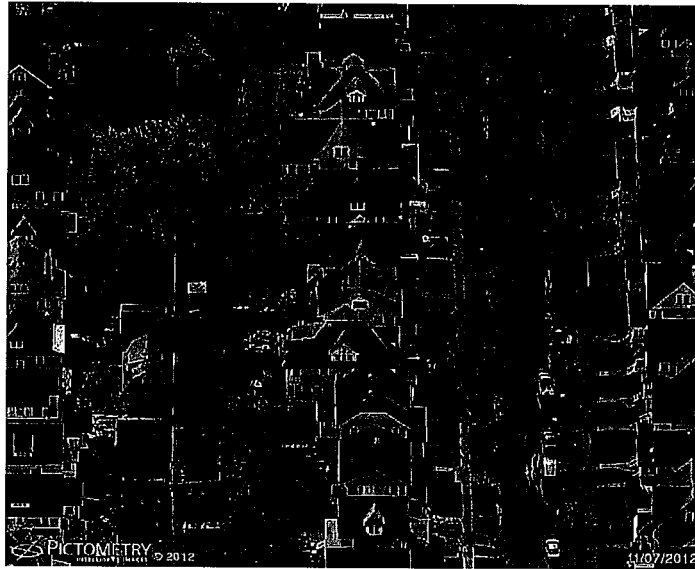
The following aerial images show different angles of this structure for your reference.

Top View

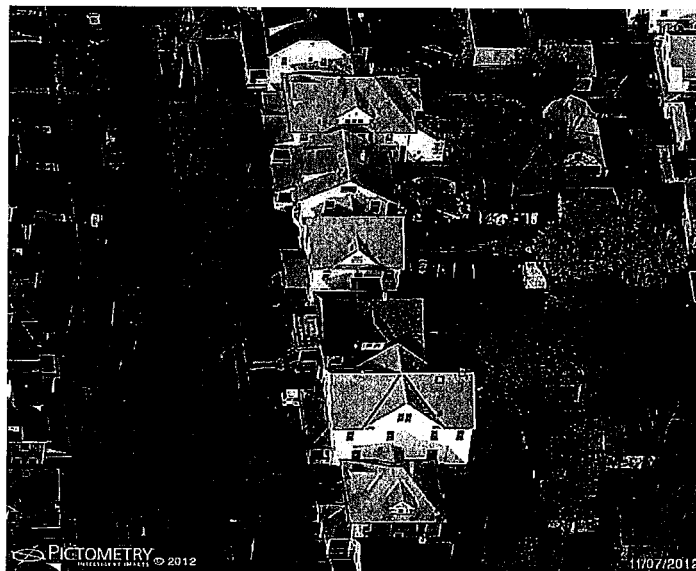


IMAGES

North Side



South Side



IMAGES

East Side



West Side

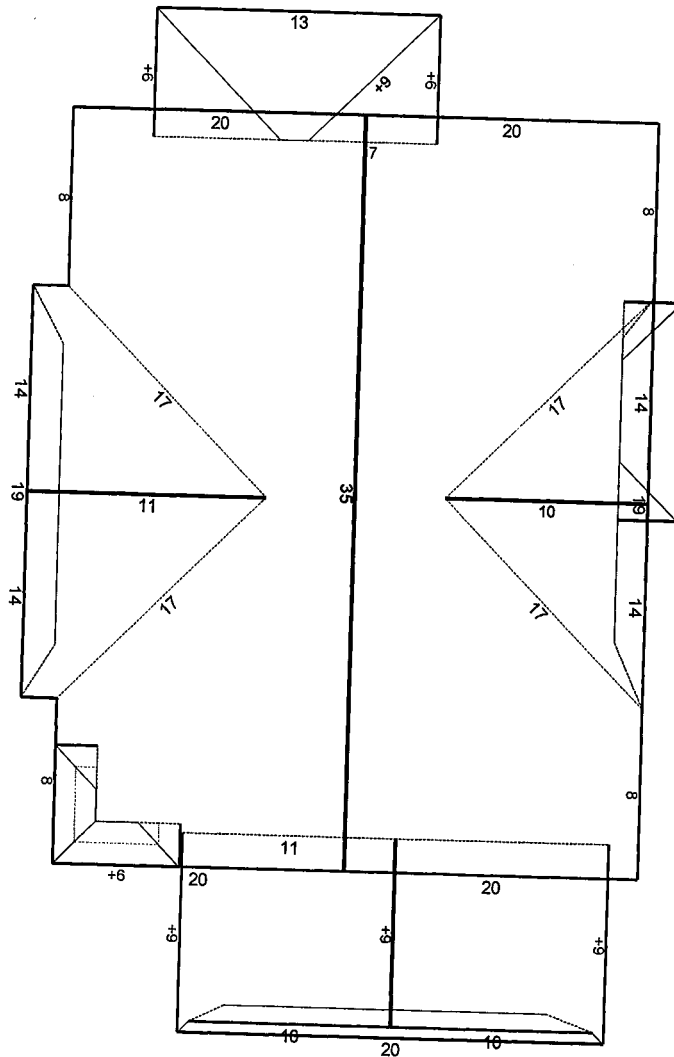


LENGTH DIAGRAM

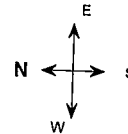
Total Line Lengths:
Ridges = 65 ft
 Hips = 40 ft

Valleys = 67 ft
 Rakes = 153 ft
 Eaves = 169 ft

Flashing = 53 ft
 Step flashing = 64 ft
Parapets = 0 ft



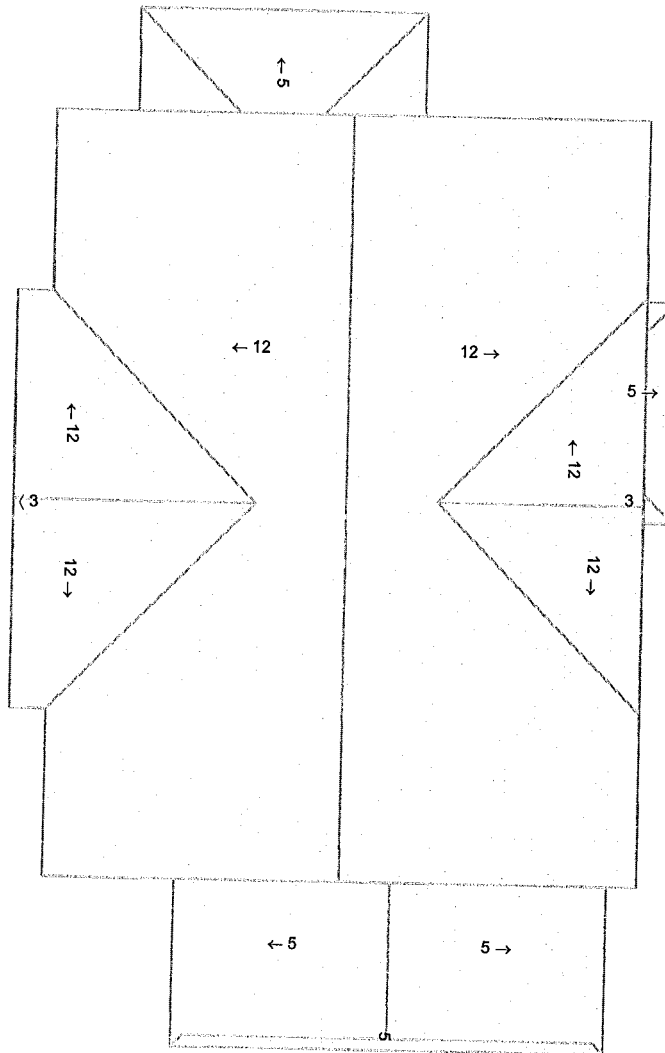
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Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 12/12

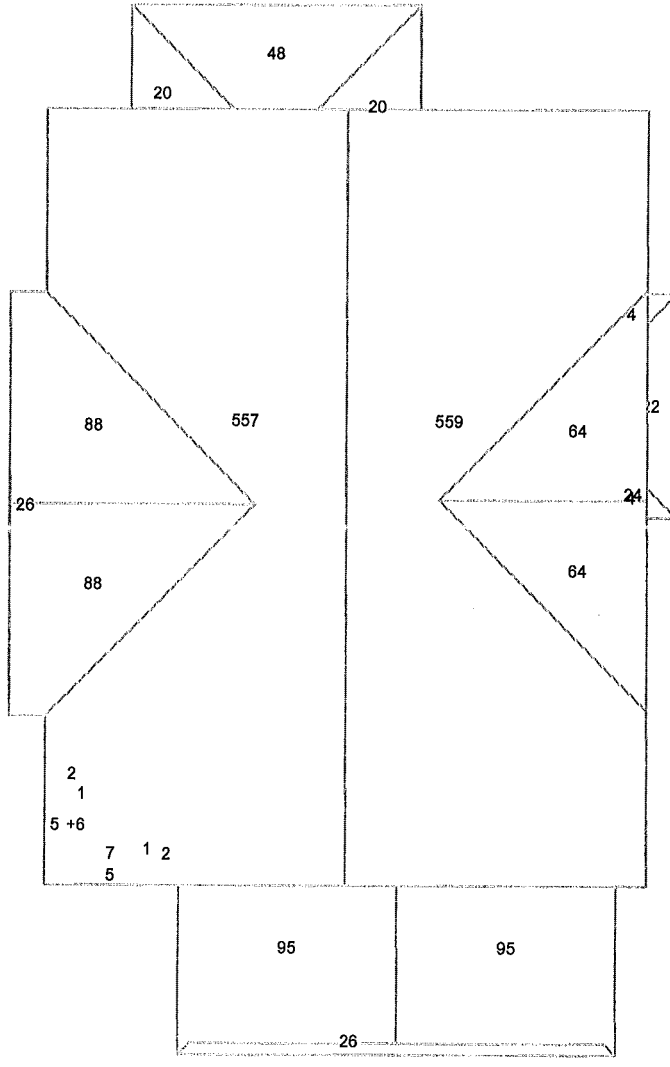


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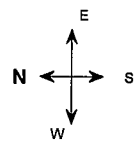
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

AREA DIAGRAM

Total Area = 1,832 sq ft, with 25 facets.



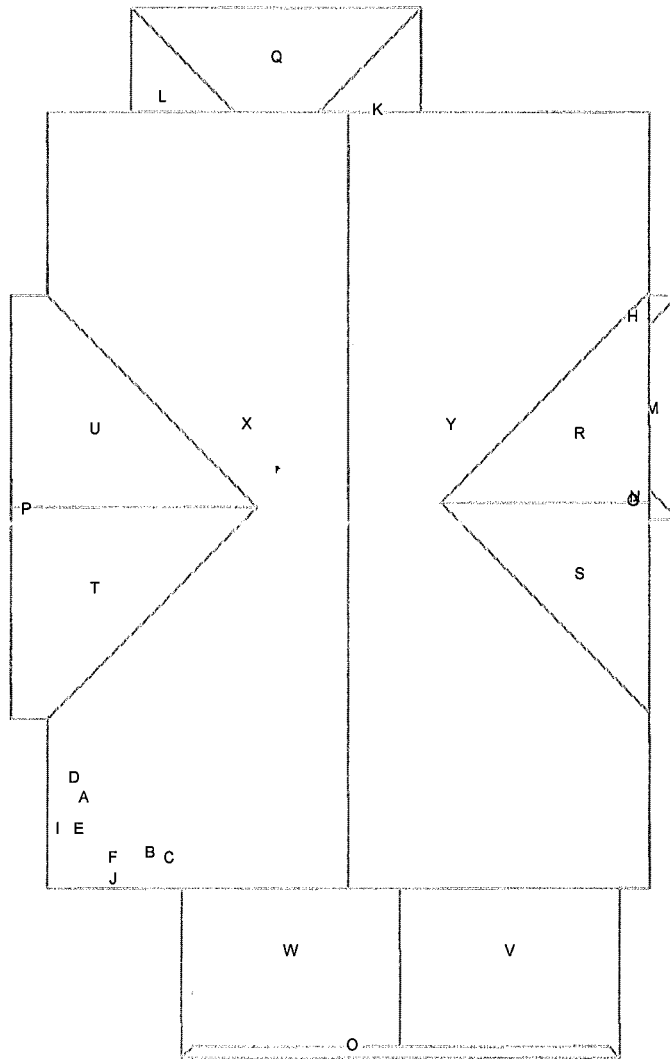
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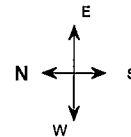
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

NOTES DIAGRAM

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



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REPORT SUMMARY

All Structures

Areas per Pitch				
Roof Pitches	3/12	5/12	12/12	25/12
Area (sq ft)	49.3	346.5	1420.8	15.1
% of Roof	2.7%	18.9%	77.6%	0.8%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

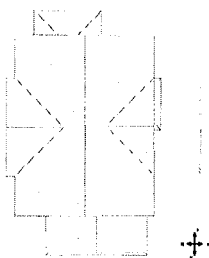
Structure Complexity		
Simple	Normal	Complex

Waste Calculation									
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the Lengths, Areas, and Pitches section below.									
Waste %	0%	4%	9%	14%	17%	19%	21%	24%	29%
Area (Sq ft)	1832	1906	1997	2089	2144	2181	2217	2272	2364
Squares *	18.33	19.33	20.00	21.00	21.66	22.00	22.33	23.00	23.66
	Measured					Suggested			

* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

All Structures Totals



Total Roof Facets = 25

Lengths, Areas and Pitches

Ridges = 65 ft (4 Ridges)
 Hips = 40 ft (12 Hips)
 Valleys = 67 ft (4 Valleys)
 Rakes[†] = 153 ft (10 Rakes)
 Eaves/Starter[‡] = 169 ft (21 Eaves)
 Drip Edge (Eaves + Rakes) = 322 ft (31 Lengths)
 Parapet Walls = 0 (0 Lengths).
 Flashing = 53 ft (7 Lengths)
 Step flashing = 64 ft (16 Lengths)
 Predominant Pitch = 12/12
Total Area (All Pitches) = 1,832 sq ft

Property Location

Longitude = -77.6484043
 Latitude = 43.1478978

Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

[†] Rakes are defined as roof edges that are sloped (not level).

[‡] Eaves are defined as roof edges that are not sloped and level.

98 Hobart St, Rochester, NY 14611-2516

Report: 32669726

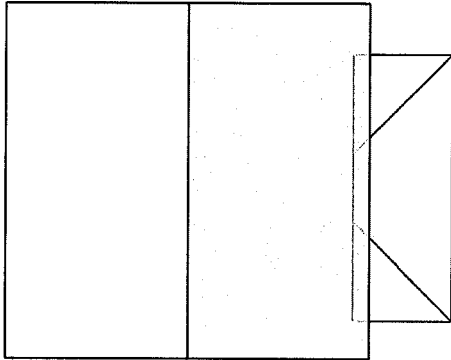
Online Maps

Online map of property

http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=98+Hobart+St,Rochester,NY,14611-2516

Directions from Rochester Housing Authority to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=98+Hobart+St,Rochester,NY,14611-2516



In this 3D model, facets appear as semi-transparent to reveal overhangs.

PREPARED FOR

Contact: James Senger
Company: Rochester Housing Authority
Address: 675 W Main St
Rochester, NY 14611-2313
Phone: 585-202-1266

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Pitch Diagram5
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MEASUREMENTS

Total Roof Area =1,226 sq ft
Total Roof Facets =5
Predominant Pitch =10/12
Number of Stories >1
Total Ridges/Hips =51 ft
Total Valleys =0 ft
Total Rakes =76 ft
Total Eaves =93 ft

Measurements provided by www.eagleview.com



Certified Accurate

www.eagleview.com/Guarantee.aspx

IMAGES

The following aerial images show different angles of this structure for your reference.

Top View



IMAGES

North Side



South Side



IMAGES

East Side



West Side

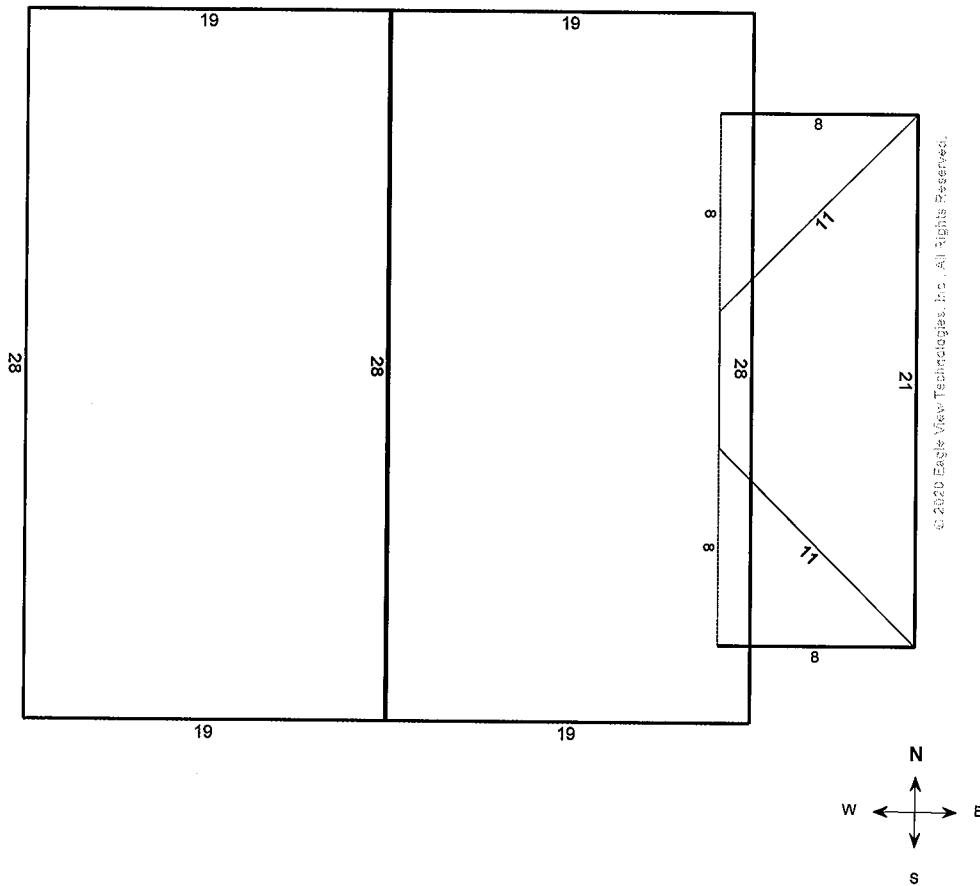


LENGTH DIAGRAM

Total Line Lengths:
Ridges = 28 ft
 Hips = 23 ft

Valleys = 0 ft
 Rakes = 76 ft
 Eaves = 93 ft

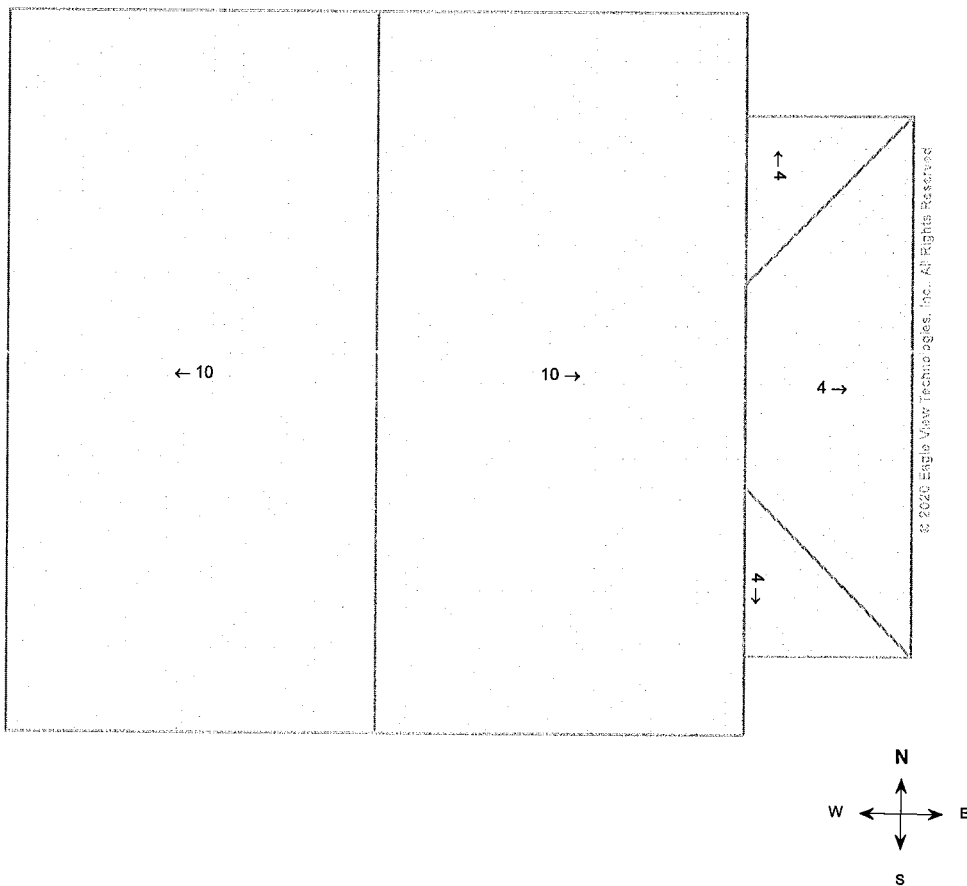
Flashing = 6 ft
 Step flashing = 17 ft
Parapets = 0 ft



Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 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).

PITCH DIAGRAM

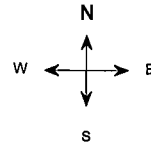
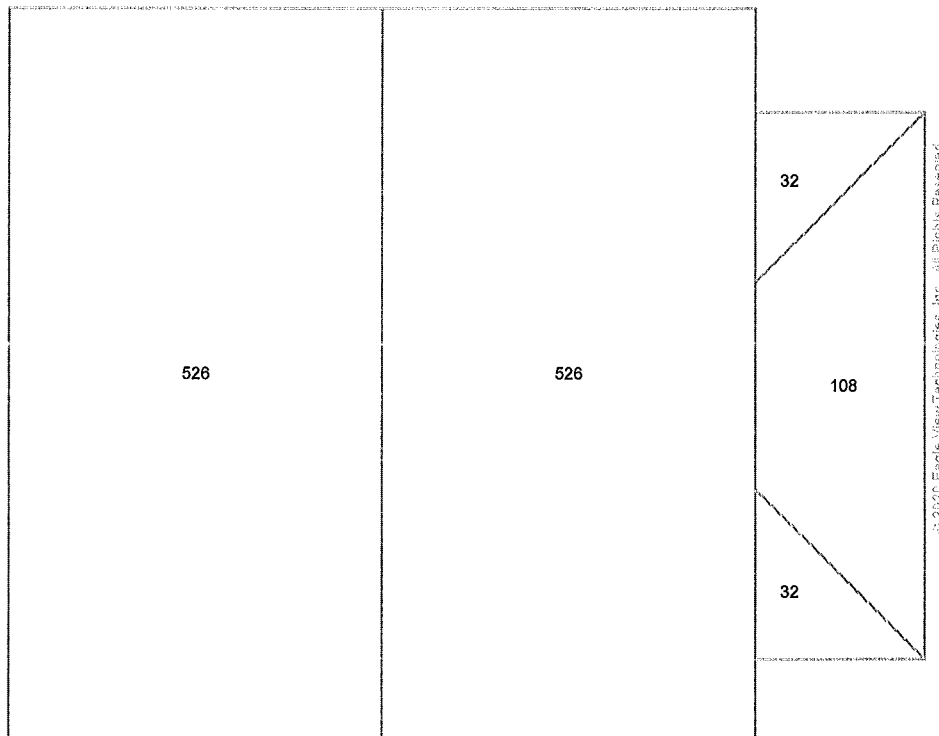
Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 10/12



Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

AREA DIAGRAM

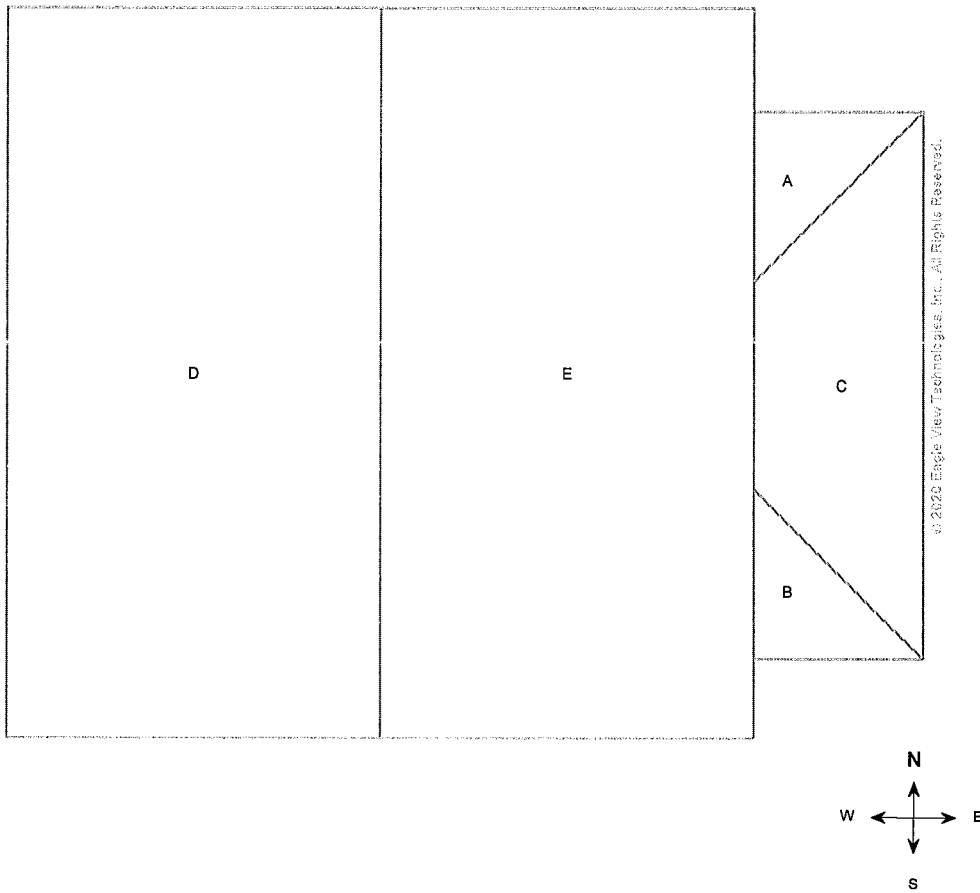
Total Area = 1,226 sq ft, with 5 facets.



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 foot after being totaled).

NOTES DIAGRAM

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



REPORT SUMMARY

All Structures

Areas per Pitch		
Roof Pitches	4/12	10/12
Area (sq ft)	172.7	1052.4
% of Roof	14.1%	85.8%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

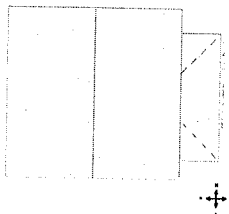
Structure Complexity		
Simple	Normal	Complex

Waste Calculation									
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the Lengths, Areas, and Pitches section below.									
Waste %	0%	2%	7%	10%	12%	14%	17%	22%	27%
Area (Sq ft)	1226	1251	1312	1349	1374	1398	1435	1496	1558
Squares *	12.33	12.66	13.33	13.66	14.00	14.00	14.66	15.00	15.66
	Measured				Suggested				

* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

All Structures Totals



Total Roof Facets = 5

Lengths, Areas and Pitches

Ridges = 28 ft (1 Ridges)
 Hips = 23 ft (2 Hips)
 Valleys = 0 ft (0 Valleys)
 Rakes† = 76 ft (4 Rakes)
 Eaves/Starter‡ = 93 ft (5 Eaves)
 Drip Edge (Eaves + Rakes) = 169 ft (9 Lengths)
 Parapet Walls = 0 (0 Lengths)
 Flashing = 6 ft (1 Lengths)
 Step flashing = 17 ft (2 Lengths)
 Predominant Pitch = 10/12
Total Area (All Pitches) = 1,226 sq ft

Property Location

Longitude = -77.6482666
 Latitude = 43.1437968

Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

† Rakes are defined as roof edges that are sloped (not level).
 ‡ Eaves are defined as roof edges that are not sloped and level.

119 Post Ave, Rochester, NY 14619-1107

Report: 32669707

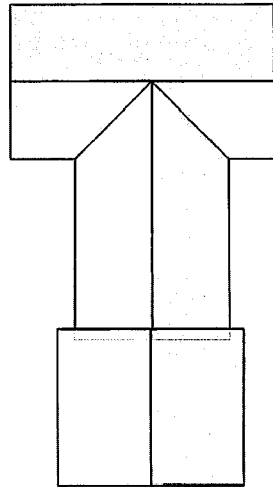
Online Maps

Online map of property

http://maps.google.com/maps?f=g&source=s_q&hl=en&geocode=&q=119+Post+Ave,Rochester,NY,14619-1107

Directions from Rochester Housing Authority to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=119+Post+Ave,Rochester,NY,14619-1107



In this 3D model, facets appear as semi-transparent to reveal overhangs.

PREPARED FOR

Contact: James Senger
Company: Rochester Housing Authority
Address: 675 W Main St
Rochester, NY 14611-2313
Phone: 585-202-1266

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MEASUREMENTS

Total Roof Area =1,713 sq ft
Total Roof Facets =7
Predominant Pitch =8/12
Number of Stories >1
Total Ridges/Hips =83 ft
Total Valleys =30 ft
Total Rakes =100 ft
Total Eaves =129 ft

Measurements provided by www.eagleview.com



Certified Accurate

www.eagleview.com/Guarantee.aspx

IMAGES

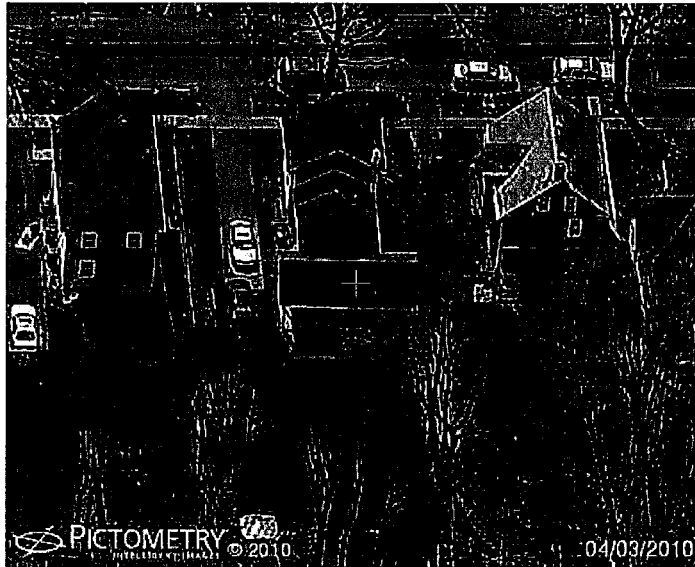
The following aerial images show different angles of this structure for your reference.

Top View



IMAGES

North Side



South Side



IMAGES

East Side



West Side

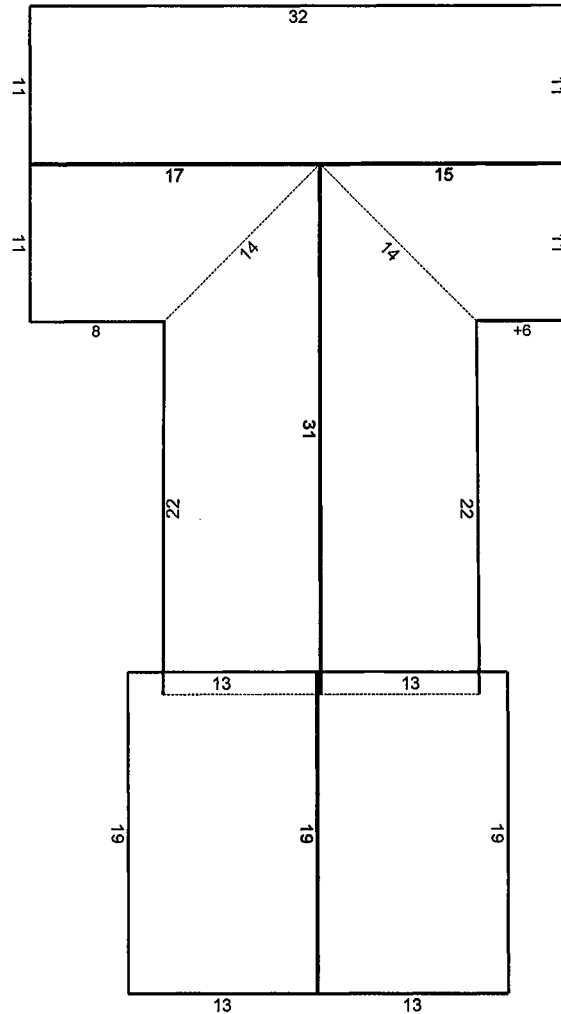


LENGTH DIAGRAM

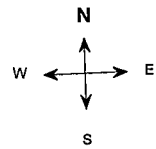
Total Line Lengths:
Ridges = 83 ft
 Hips = 0 ft

Valleys = 30 ft
 Rakes = 100 ft
 Eaves = 129 ft

Flashing = 0 ft
 Step flashing = 23 ft
Parapets = 0 ft



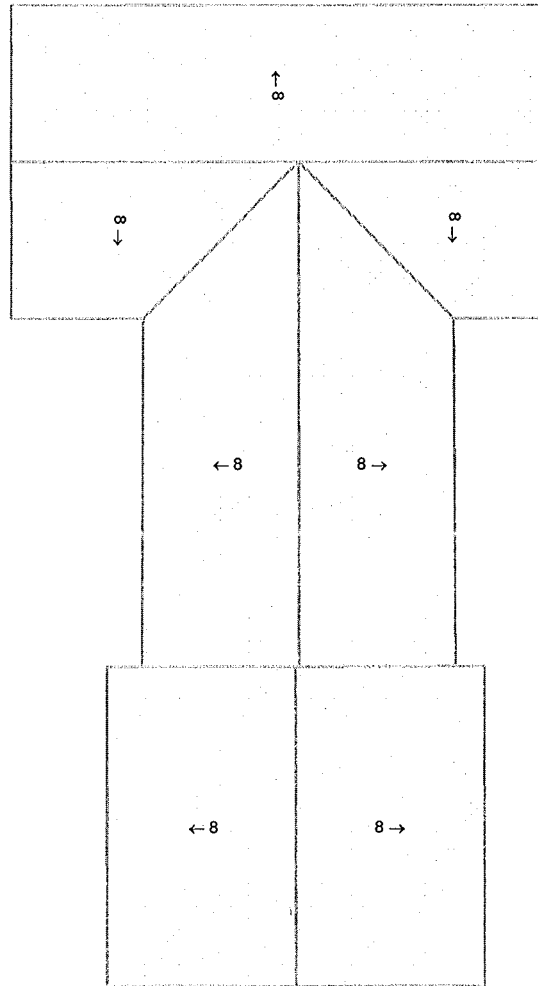
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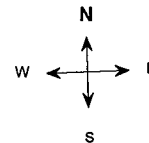
Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 8/12



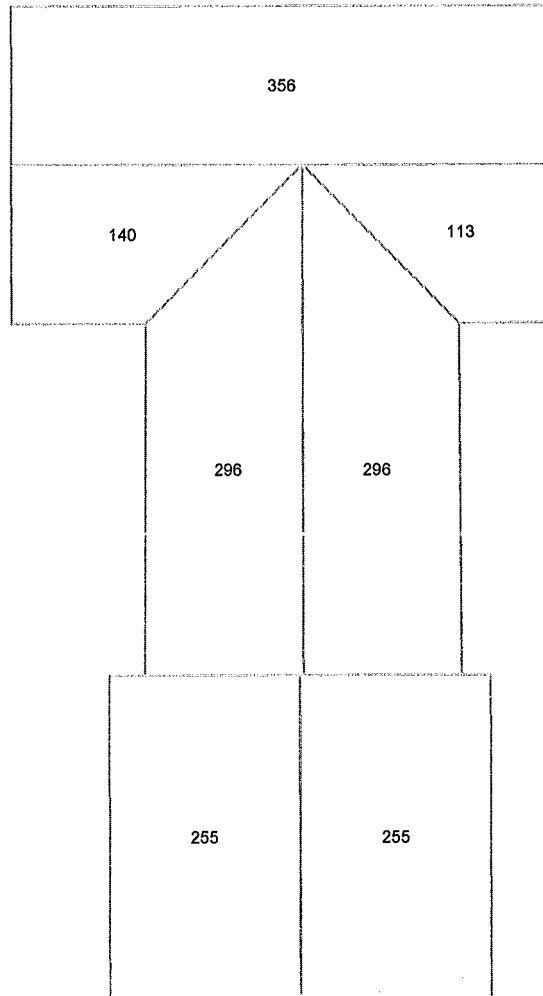
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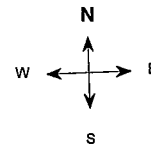
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

AREA DIAGRAM

Total Area = 1,713 sq ft, with 7 facets.



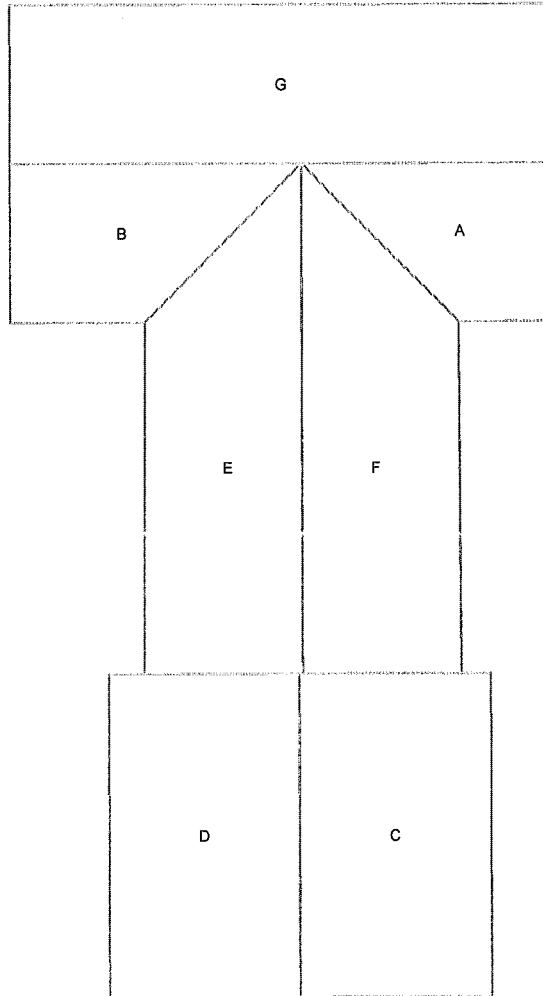
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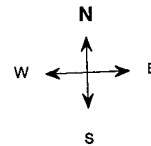
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

NOTES DIAGRAM

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



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REPORT SUMMARY

All Structures

Areas per Pitch	
Roof Pitches	8/12
Area (sq ft)	1712.6
% of Roof	100%

The table above lists each pitch on this roof and the total area and percent (both rounded) of the roof with that pitch.

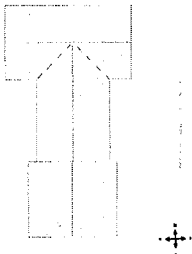
Structure Complexity		
Simple	Normal	Complex

Waste Calculation										
NOTE: This waste calculation table is for asphalt shingle roofing applications. All values in table below only include roof areas of 3/12 pitch or greater. For total measurements of all pitches, please refer to the Lengths, Areas, and Pitches section below.										
Waste %	0%	1%	6%	9%	11%	13%	16%	21%	26%	
Area (Sq ft)	1713	1731	1816	1868	1902	1936	1988	2073	2159	
Squares *	17.33	17.33	18.33	19.00	19.33	19.66	20.00	21.00	21.66	
	Measured				Suggested					

* Squares are rounded up to the 1/3 of a square

Additional materials needed for ridge, hip, and starter lengths are not included in the above table. The provided suggested waste factor is intended to serve as a guide—actual waste percentages may differ based upon several variables that EagleView does not control. These waste factor variables include, but are not limited to, individual installation techniques, crew experiences, asphalt shingle material subtleties, and potential salvage from the site. Individual results may vary from the suggested waste factor that EagleView has provided. The suggested waste is not to replace or substitute for experience or judgment as to any given replacement or repair work.

All Structures Totals



Total Roof Facets = 7

Lengths, Areas and Pitches

Ridges = 83 ft (4 Ridges)
 Hips = 0 ft (0 Hips).
 Valleys = 30 ft (2 Valleys)
 Rakes[†] = 100 ft (8 Rakes)
 Eaves/Starter[‡] = 129 ft (7 Eaves)
 Drip Edge (Eaves + Rakes) = 229 ft (15 Lengths)
 Parapet Walls = 0 (0 Lengths).
 Flashing = 0 ft (0 Lengths)
 Step flashing = 23 ft (2 Lengths)
 Predominant Pitch = 8/12
Total Area (All Pitches) = 1,713 sq ft

Property Location

Longitude = -77.6321789
 Latitude = 43.1400826

Notes

This was ordered as a residential property. There were no changes to the structure in the past four years.

† Rakes are defined as roof edges that are sloped (not level).

‡ Eaves are defined as roof edges that are not sloped and level.

460 Flint St, Rochester, NY 14611-3625

Report: 32669578

Online Maps

Online map of property

http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=460+Flint+St,Rochester,NY,14611-3625

Directions from Rochester Housing Authority to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=675+W+Main+St,Rochester,NY,14611-2313&daddr=460+Flint+St,Rochester,NY,14611-3625