






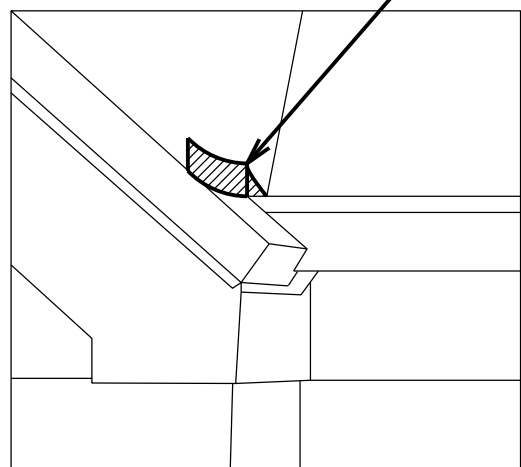
	Building Type	# of buildings	sq ft per building	Total sq ft per type
	Type 1	3	4,373.00	13,119.00
	Type 2	10	5,103.00	51,030.00
	Type 3	12	5,751.00	69,012.00
	Type 4	3	3,702.00	11,106.00
	CC 299	1	3,731.00	3,731.00
		29	22,660.00	147,998.00

HOUSING AUTHORITY OF KANSAS CITY	SCALE	1" = 60'	Riverview Building Layout	REVISION	SIZE	SHEET #
TITLE	DEPARTMENT	EMP INITIALS		ARCH D	A001	
Riverview Roofing	FACILITIES	DWM				



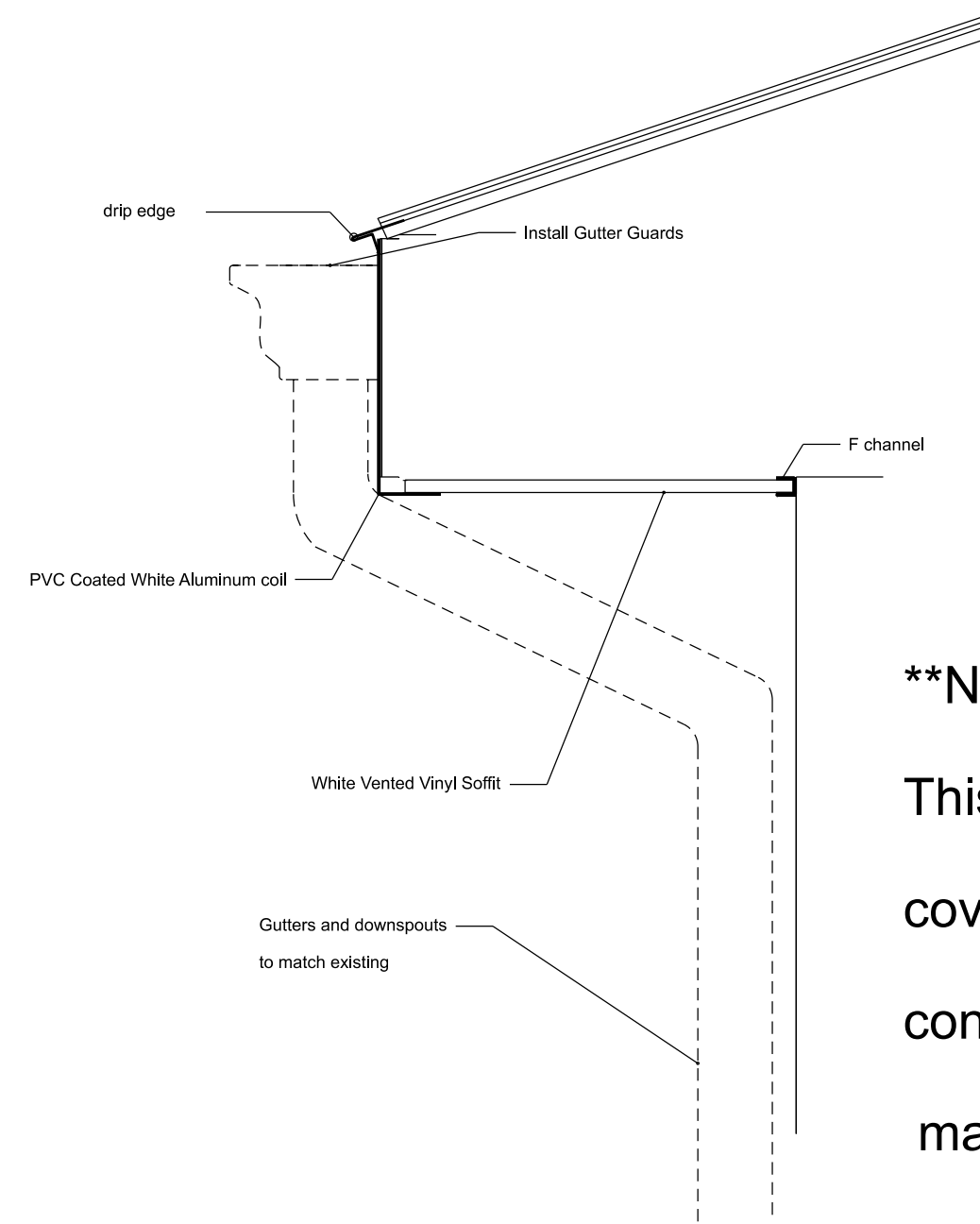
HOUSING AUTHORITY OF KANSAS CITY	SCALE	3/16 = 1	TITLE	REVISION	SIZE	SHEET #
Project File Name Riverview Building Layout roofing	DEPARTMENT FACILITIES	Drawn By dmartin		Building Numbers		Arch C

Existing Conditions



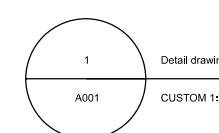
Install kick out flashing to divert water into gutter

Typical Fascia & Soffit Coverings



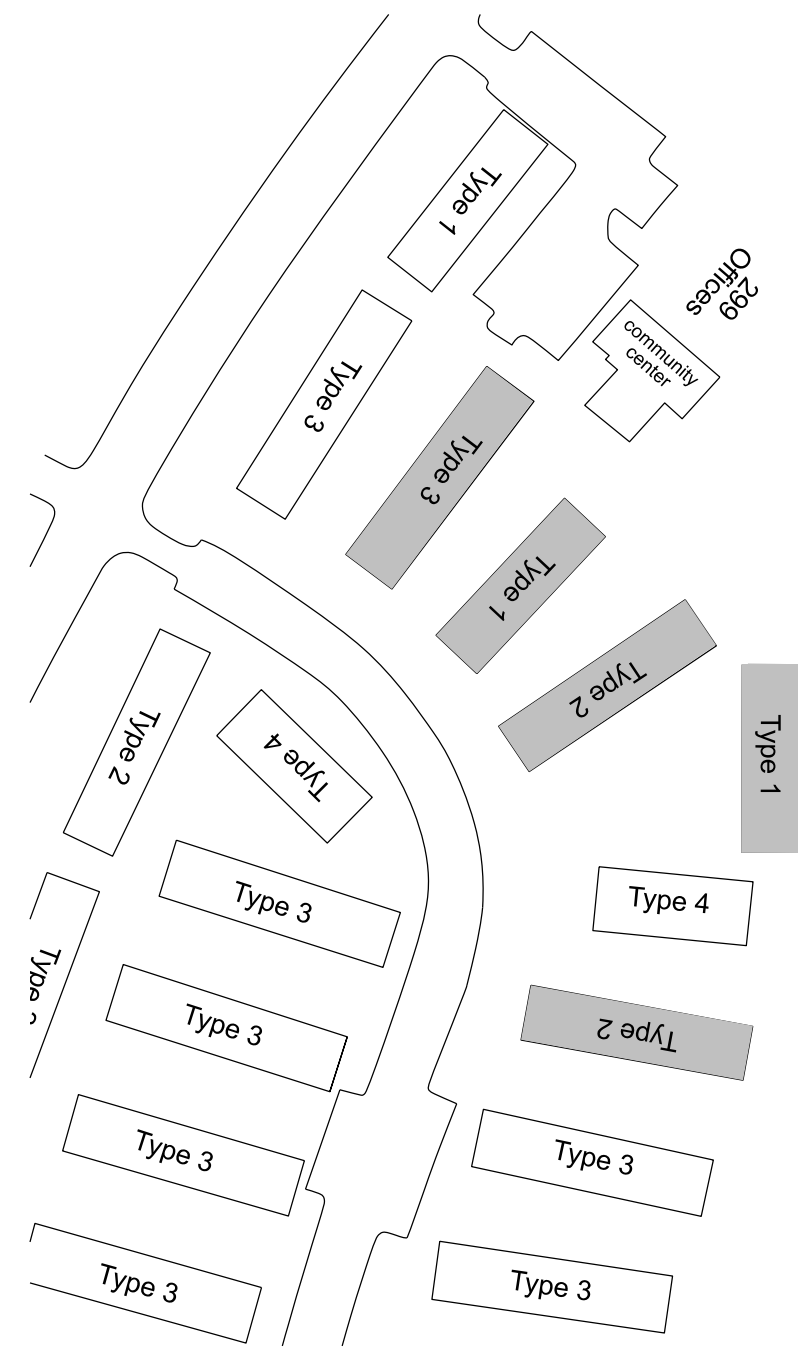
****NOTE****

This illustration is a typical representation of fascia and soffit coverings installation, and does not represent specific jobsite conditions. Contractor shall field verify existing conditions and make adjustments accordingly.



HOUSING AUTHORITY OF KANSAS CITY		SCALE	3/16 = 1	TITLE	REVISION	SIZE	SHEET #
Project File Name	DEPARTMENT	Drawn By			REPLACEMENT SOFFIT DETAIL SHEET		Arch C
Riverview fascia soffit design	FACILITIES	dmartin					

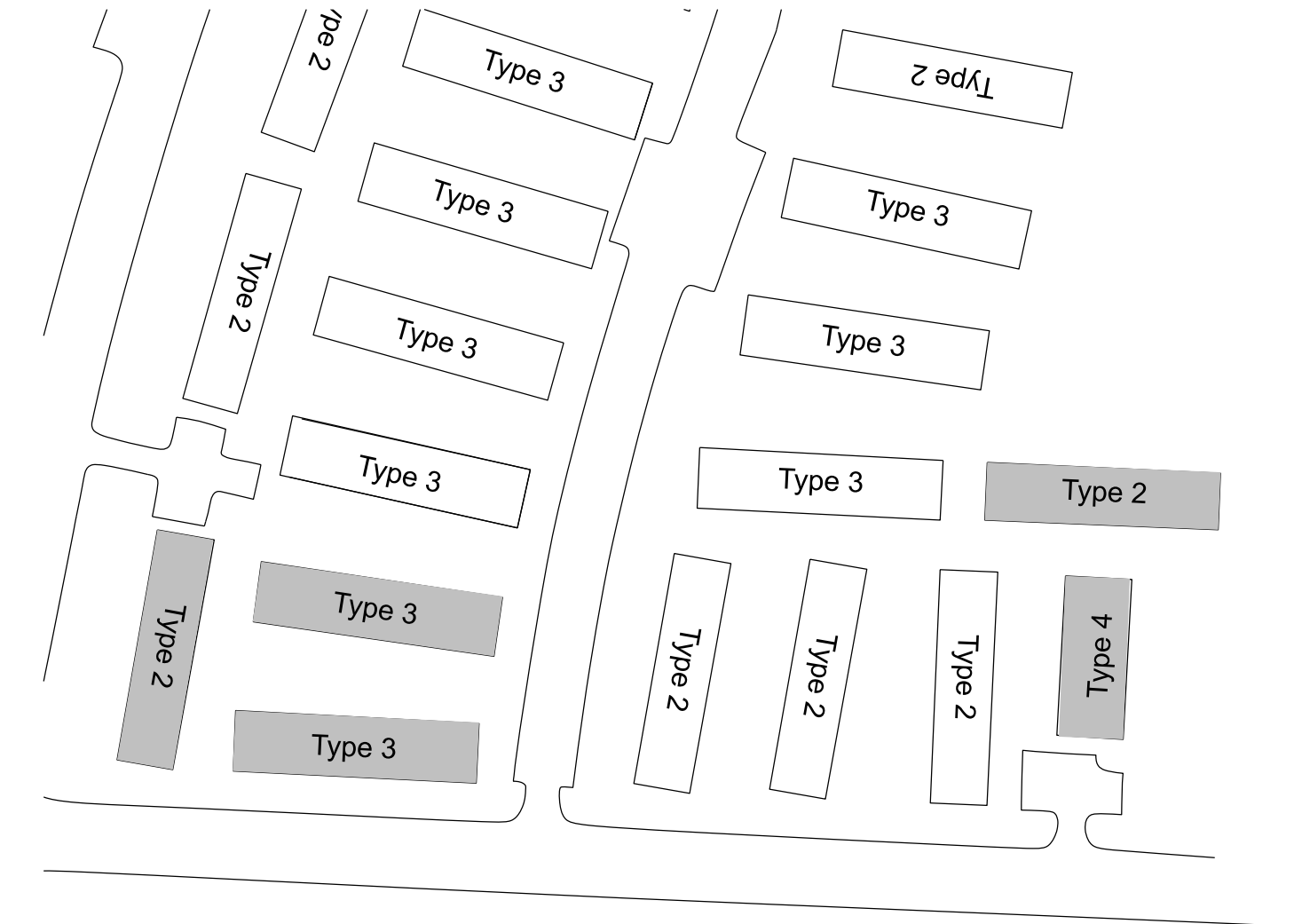
Group 1



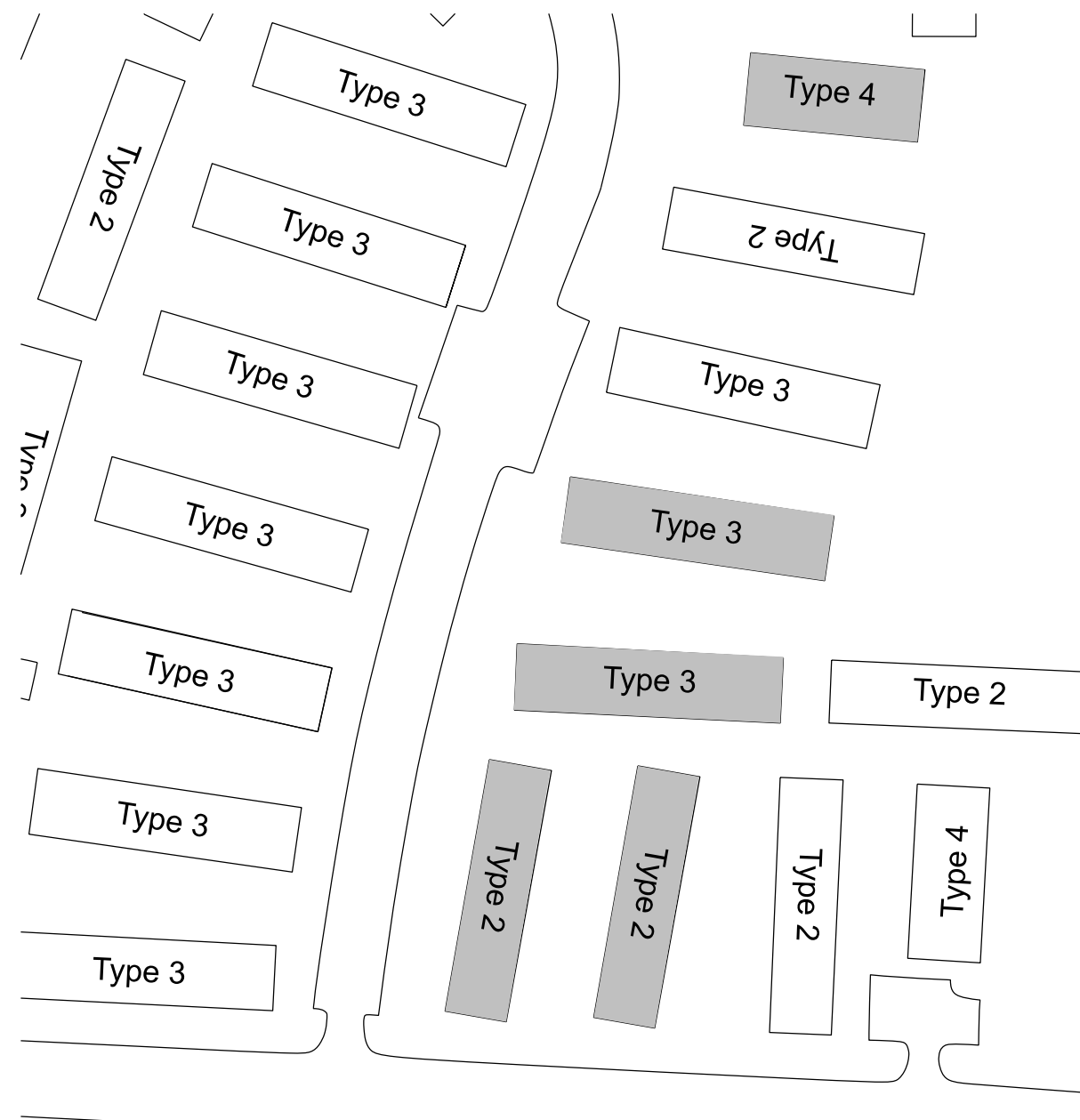
Group 2



Group 3



Group 4



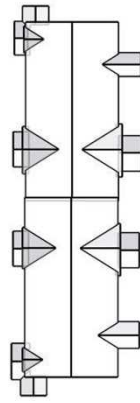
Group 5



Group 6



HOUSING AUTHORITY OF KANSAS CITY		SCALE	3/16 = 1	TITLE	REVISION	SIZE	SHEET #	
Project File Name		DEPARTMENT	Drawn By		<h2 style="text-align: center;">Contract Groups</h2>		Arch C	<h1 style="text-align: center;">A003</h1>
Riverview Building Layout roofing		FACILITIES	dmartin					



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

Building: Type 1

PREPARED FOR

Contact:	Douglas Martin
Company:	Housing Authority of Kansas City
Address:	3822 Summit St Kansas City, MO 64111- 4652
Phone:	816-968-4100

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MEASUREMENTS

Total Roof Area =4,373 sq ft
 Total Roof Facets =36
 Predominant Pitch =5/12
 Number of Stories >1
 Total Ridges/Hips =243 ft
 Total Valleys =174 ft
 Total Rakes =305 ft
 Total Eaves =276 ft
 Total Penetrations =20
 Total Penetrations Perimeter = 82 ft
 Total Penetrations Area = 22 sq 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

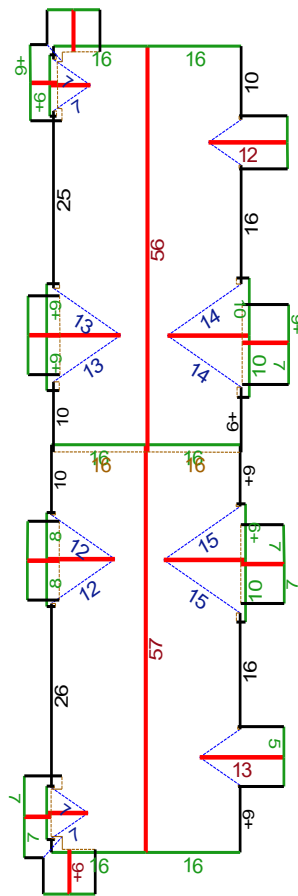


West Side

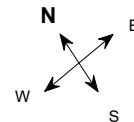


LENGTH DIAGRAM

Total Line Lengths:

Ridges = 243 ft
Hips = 0 ft
Valleys = 174 ft
Rakes = 305 ft
Eaves = 276 ft
Flashing = 17 ft
Step flashing = 129 ft
Parapets = 0 ft


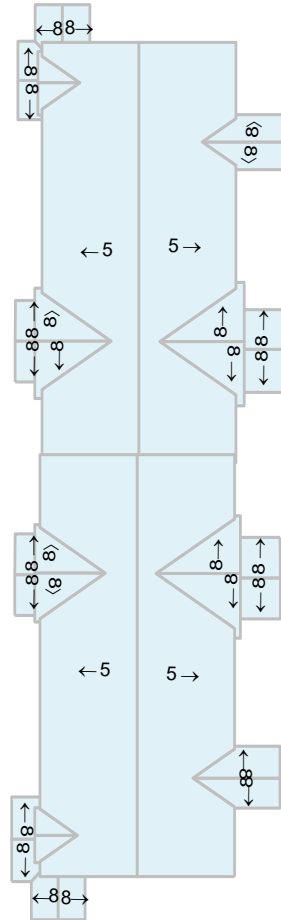
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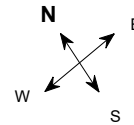
Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 5/12



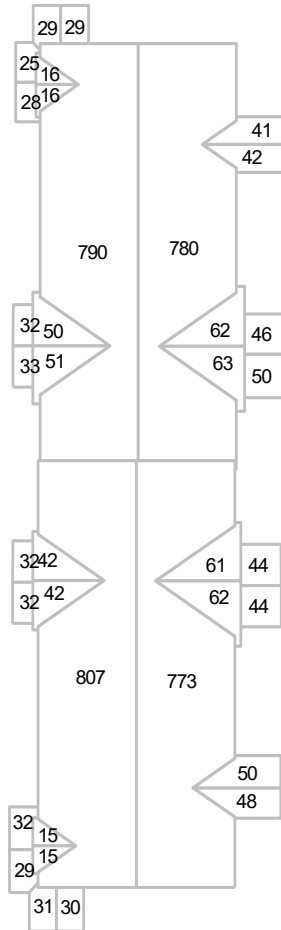
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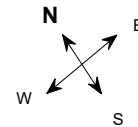
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

AREA DIAGRAM

Total Area = 4,373 sq ft, with 36 facets.



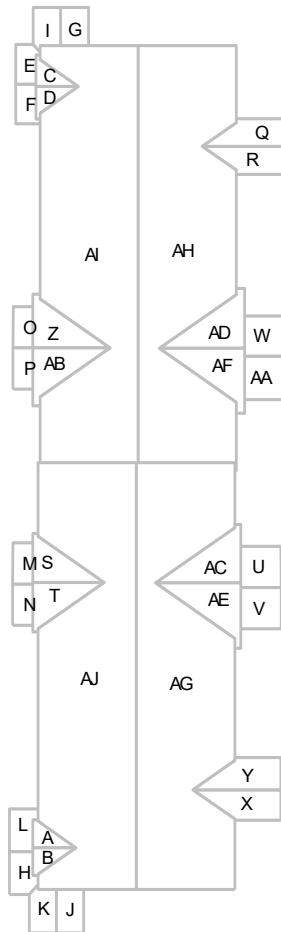
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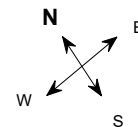
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

NOTES DIAGRAM

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



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PENETRATIONS NOTES DIAGRAM

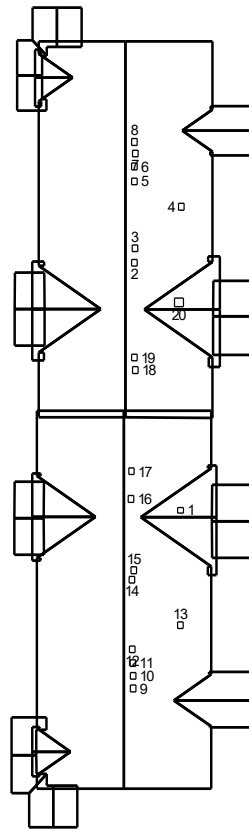
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations = 20

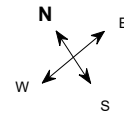
Total Penetrations Perimeter = 82 ft

Total Penetrations Area = 22 sq ft

Total Roof Area Less Penetrations = 4,351 sq ft



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REPORT SUMMARY

All Structures

Areas per Pitch		
Roof Pitches	5/12	8/12
Area (sq ft)	3149.2	1223.6
% of Roof	72%	28%

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

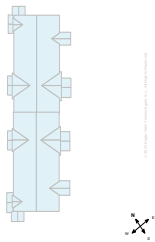
Waste Calculation Table							
Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sq ft)	4,373	4810.3	4897.8	5029.0	5116.4	5247.6	5335.1
Squares	43.7	48.1	49.0	50.3	51.2	52.5	53.4

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.

Penetrations	1-19	20							
Area (sq ft)	1	2.2							
Perimeter (ft)	4	6							

Any measured penetration smaller than 3.0x3.0 Feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.

All Structures Totals



Total Roof Facets = 36
Total Penetrations = 20

Lengths, Areas and Pitches

Ridges = 243 ft (18 Ridges)
Hips = 0 ft (0 Hips)
Valleys = 174 ft (18 Valleys)
Rakes† = 305 ft (38 Rakes)
Eaves/Starter‡ = 276 ft (44 Eaves)
Drip Edge (Eaves + Rakes) = 581 ft (82 Lengths)
Parapet Walls = 0 (0 Lengths)
Flashing = 17 ft (22 Lengths)
Step flashing = 129 ft (36 Lengths)
Total Penetrations Area = 22 sq ft
Total Roof Area Less Penetrations = 4,351 sq ft
Total Penetrations Perimeter = 82 ft
Predominant Pitch = 5/12
Total Area (All Pitches) = 4,373 sq ft

Property Location

Longitude = -94.5614140
Latitude = 39.1119944

Notes

This was ordered as a commercial 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.

301 Paseo Blvd, Kansas City, MO 64106

Report: 50955916

Online Maps

Online map of property

http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=301+Paseo+Blvd,Kansas+City,MO,64106

Directions from Housing Authority of Kansas City to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=3822+Summit+St,Kansas+City,MO,64111-4652&daddr=301+Paseo+Blvd,Kansas+City,MO,64106

301 Paseo Blvd, Kansas City, MO 64106

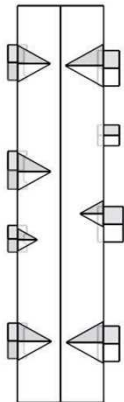
Report: 50955916

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Contractors agree to always conduct a preliminary site survey to verify Roof Report ordered. In the event of an error in a Report, your sole remedy will be a refund of the fees paid by you to obtain this Report.



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

Building: Type 2

PREPARED FOR

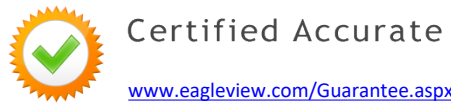
Contact:	Douglas Martin
Company:	Housing Authority of Kansas City
Address:	3822 Summit St Kansas City, MO 64111-4652
Phone:	816-968-4100

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- Pitch Diagram5
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- Notes Diagram7
- Penetrations Diagram8
- Report Summary9

MEASUREMENTS

- Total Roof Area =5,103 sq ft
- Total Roof Facets =32
- Predominant Pitch =5/12
- Number of Stories >1
- Total Ridges/Hips =265 ft
- Total Valleys =183 ft
- Total Rakes =271 ft
- Total Eaves =304 ft
- Total Penetrations =28
- Total Penetrations Perimeter = 112 ft
- Total Penetrations Area = 28 sq ft

 Measurements provided by www.eagleview.com


IMAGES

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

Top View



IMAGES

North Side



South Side



IMAGES

East Side

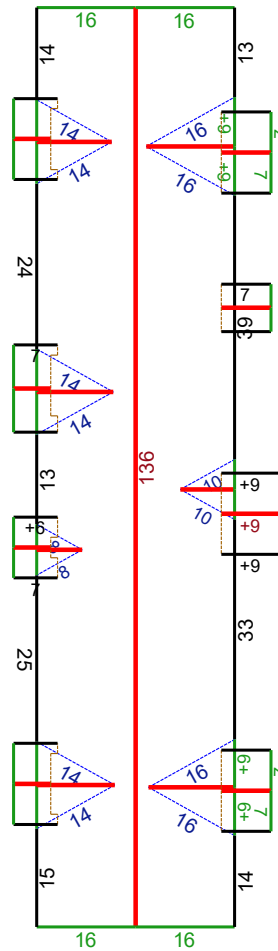


West Side

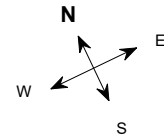


LENGTH DIAGRAM

Total Line Lengths:

Ridges = 265 ft
Hips = 0 ft
Valleys = 183 ft
Rakes = 271 ft
Eaves = 304 ft
Flashing = 8 ft
Step flashing = 103 ft
Parapets = 0 ft


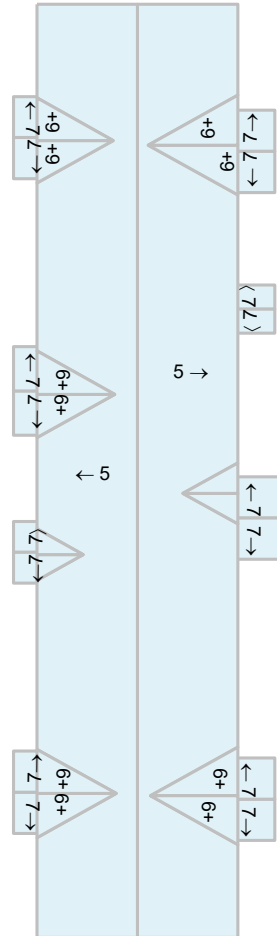
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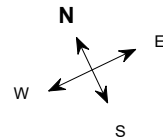
Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 5/12



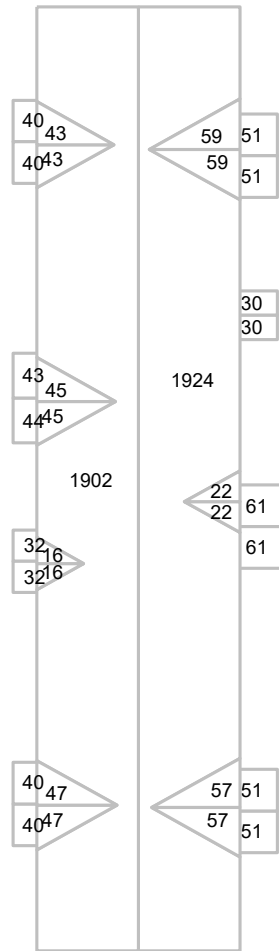
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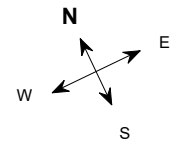
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

AREA DIAGRAM

Total Area = 5,103 sq ft, with 32 facets.



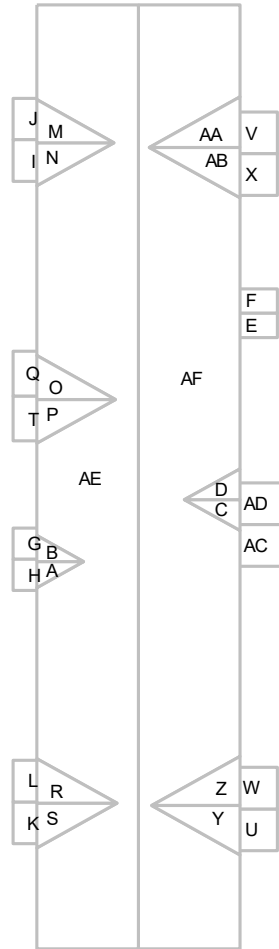
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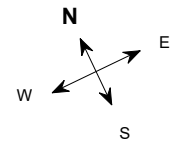
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

NOTES DIAGRAM

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



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PENETRATIONS NOTES DIAGRAM

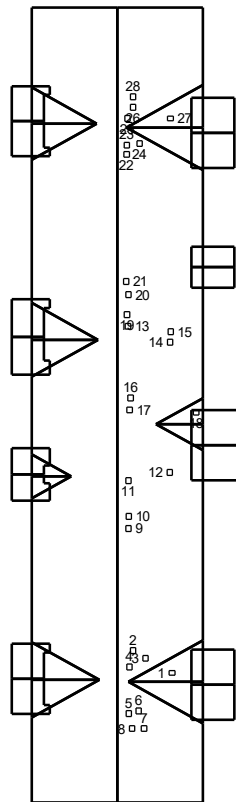
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations = 28

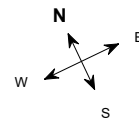
Total Penetrations Area = 28 sq ft

Total Penetrations Perimeter = 112 ft

Total Roof Area Less Penetrations = 5,075 sq ft



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REPORT SUMMARY

All Structures

Areas per Pitch

Roof Pitches	5/12	7/12	9/12
Area (sq ft)	3826.4	698.4	578.0
% of Roof	75%	13.7%	11.3%

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

Waste Calculation Table

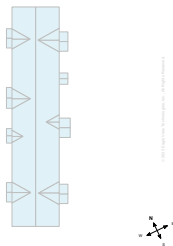
Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sq ft)	5,103	5613.3	5715.4	5868.5	5970.5	6123.6	6225.7
Squares	51.0	56.1	57.2	58.7	59.7	61.2	62.3

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.

Penetrations	1-28								
Area (sq ft)	1								
Perimeter (ft)	4								

Any measured penetration smaller than 3.0x3.0 Feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.

All Structures Totals



Total Roof Facets = 32
Total Penetrations = 28

Lengths, Areas and Pitches

Ridges = 265 ft (16 Ridges)
Hips = 0 ft (0 Hips)
Valleys = 183 ft (14 Valleys)
Rakes[†] = 271 ft (34 Rakes)
Eaves/Starter[‡] = 304 ft (25 Eaves)
Drip Edge (Eaves + Rakes) = 575 ft (59 Lengths)
Parapet Walls = 0 (0 Lengths).
Flashing = 8 ft (8 Lengths)
Step flashing = 103 ft (24 Lengths)
Total Penetrations Area = 28 sq ft
Total Roof Area Less Penetrations = 5,075 sq ft
Total Penetrations Perimeter = 112 ft
Predominant Pitch = 5/12
Total Area (All Pitches) = 5,103 sq ft

Property Location

Longitude = -94.5621055
Latitude = 39.1110782

Notes

This was ordered as a commercial 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.

401 Paseo Blvd, Kansas City, MO 64106

Report: 50955917

Online Maps

Online map of property

http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=401+Paseo+Blvd,Kansas+City,MO,64106

Directions from Housing Authority of Kansas City to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=3822+Summit+St,Kansas+City,MO,64111-4652&daddr=401+Paseo+Blvd,Kansas+City,MO,64106

401 Paseo Blvd, Kansas City, MO 64106

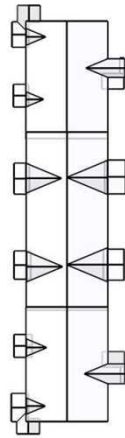
Report: 50955917

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Contractors agree to always conduct a preliminary site survey to verify Roof Report ordered. In the event of an error in a Report, your sole remedy will be a refund of the fees paid by you to obtain this Report.



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

Building: Type 3

PREPARED FOR

Contact: Douglas Martin
 Company: Housing Authority of Kansas City
 Address: 3822 Summit St
 Kansas City, MO 64111-4652
 Phone: 816-968-4100

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MEASUREMENTS

Total Roof Area = 5,751 sq ft
 Total Roof Facets = 52
 Predominant Pitch = 5/12
 Number of Stories > 1
 Total Ridges/Hips = 324 ft
 Total Valleys = 241 ft
 Total Rakes = 383 ft
 Total Eaves = 372 ft
 Total Penetrations = 25
 Total Penetrations Perimeter = 104 ft
 Total Penetrations Area = 30 sq 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

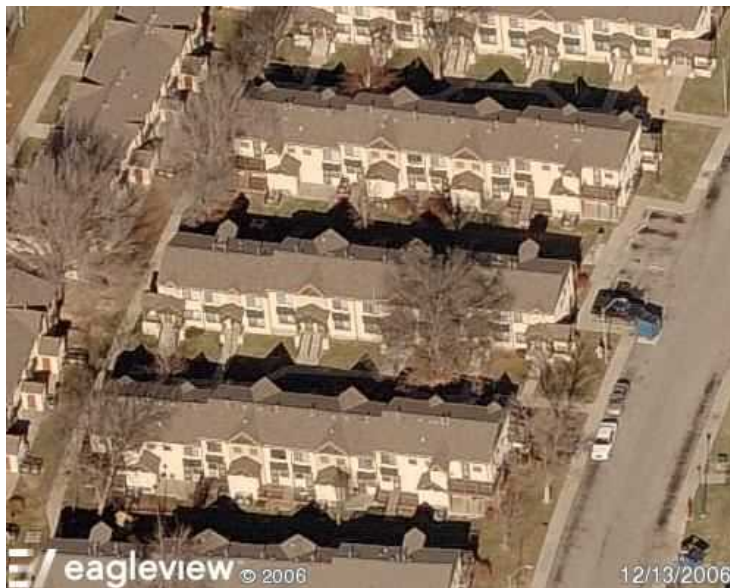


IMAGES

North Side



South Side



IMAGES

East Side



West Side



LENGTH DIAGRAM

Total Line Lengths:

Ridges = 324 ft
Hips = 0 ft

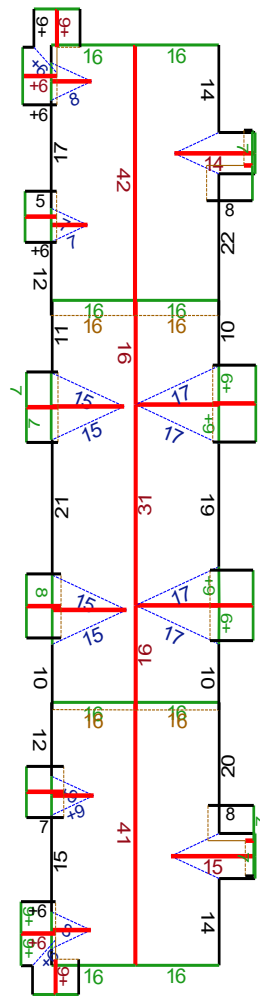
Valleys = 241 ft

Rakes = 383 ft

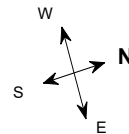
Eaves = 372 ft

Flashing = 20 ft

Step flashing = 185 ft

Parapets = 0 ft


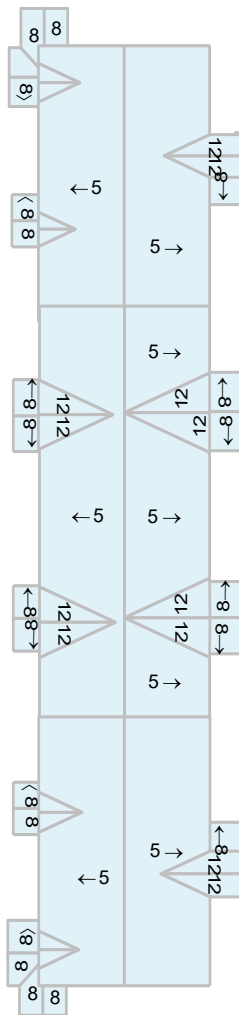
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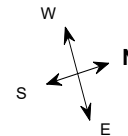
Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 5/12



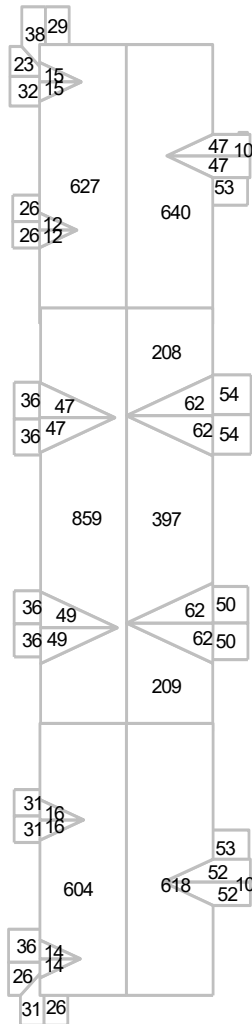
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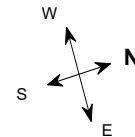
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

AREA DIAGRAM

Total Area = 5,751 sq ft, with 52 facets.



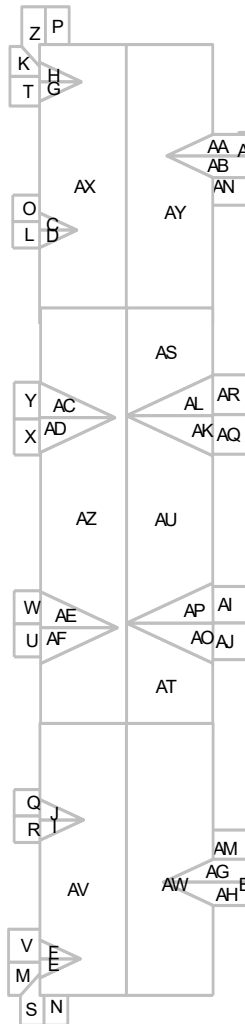
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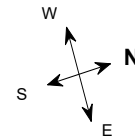
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

NOTES DIAGRAM

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



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PENETRATIONS NOTES DIAGRAM

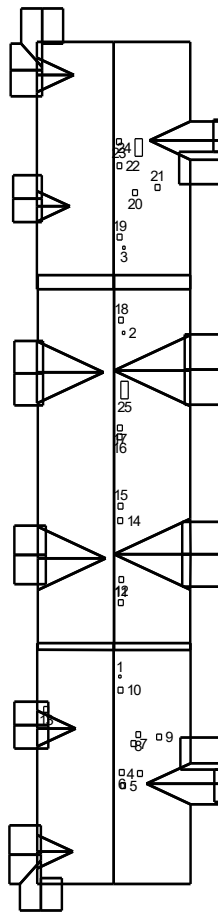
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations = 25

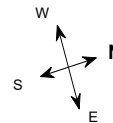
Total Penetrations Area = 30 sq ft

Total Penetrations Perimeter = 104 ft

Total Roof Area Less Penetrations = 5,721 sq ft



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REPORT SUMMARY

All Structures

Areas per Pitch

Roof Pitches	5/12	8/12	12/12
Area (sq ft)	4162.7	835.8	751.8
% of Roof	72.4%	14.5%	13.1%

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

Waste Calculation Table

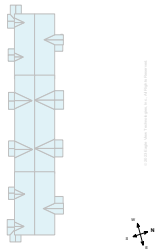
Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sq ft)	5,751	6326.1	6441.1	6613.7	6728.7	6901.2	7016.2
Squares	57.5	63.3	64.4	66.1	67.3	69.0	70.2

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.

Penetrations	1-3	4-23	24-25						
Area (sq ft)	0.2	1	4.5						
Perimeter (ft)	2	4	9						

Any measured penetration smaller than 3.0x3.0 Feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.

All Structures Totals



Total Roof Facets = 52
Total Penetrations = 25

Lengths, Areas and Pitches

Ridges = 324 ft (27 Ridges)
Hips = 0 ft (0 Hips)
Valleys = 241 ft (22 Valleys)
Rakes† = 383 ft (53 Rakes)
Eaves/Starter‡ = 372 ft (45 Eaves)
Drip Edge (Eaves + Rakes) = 755 ft (98 Lengths)
Parapet Walls = 0 (0 Lengths)
Flashing = 20 ft (4 Lengths)
Step flashing = 185 ft (26 Lengths)
Total Penetrations Area = 30 sq ft
Total Roof Area Less Penetrations = 5,721 sq ft
Total Penetrations Perimeter = 104 ft
Predominant Pitch = 5/12
Total Area (All Pitches) = 5,751 sq ft

Property Location

Longitude = -94.5620071
Latitude = 39.1103775

Notes

This was ordered as a commercial 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.

432 Highland Ave, Kansas City, MO 64106

Report: 50955918

Online Maps

Online map of property

http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=432+Highland+Ave,Kansas+City,MO,64106

Directions from Housing Authority of Kansas City to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=3822+Summit+St,Kansas+City,MO,64111-4652&daddr=432+Highland+Ave,Kansas+City,MO,64106

432 Highland Ave, Kansas City, MO 64106

Report: 50955918

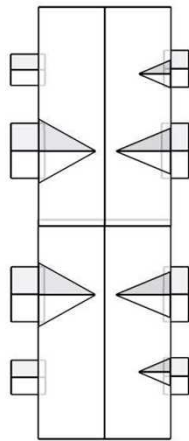
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In this 3D model, facets appear as semi-transparent to reveal overhangs.

Building: Type 4

PREPARED FOR

Contact:	Douglas Martin
Company:	Housing Authority of Kansas City
Address:	3822 Summit St Kansas City, MO 64111- 4652
Phone:	816-968-4100

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Images	1
Length Diagram	4
Pitch Diagram	5
Area Diagram	6
Notes Diagram	7
Penetrations Diagram	8
Report Summary	9

MEASUREMENTS

Total Roof Area = 3,702 sq ft
 Total Roof Facets = 32
 Predominant Pitch = 5/12
 Number of Stories > 1
 Total Ridges/Hips = 212 ft
 Total Valleys = 150 ft
 Total Rakes = 265 ft
 Total Eaves = 238 ft
 Total Penetrations = 23
 Total Penetrations Perimeter = 92 ft
 Total Penetrations Area = 23 sq ft

Measurements provided by www.eagleview.com



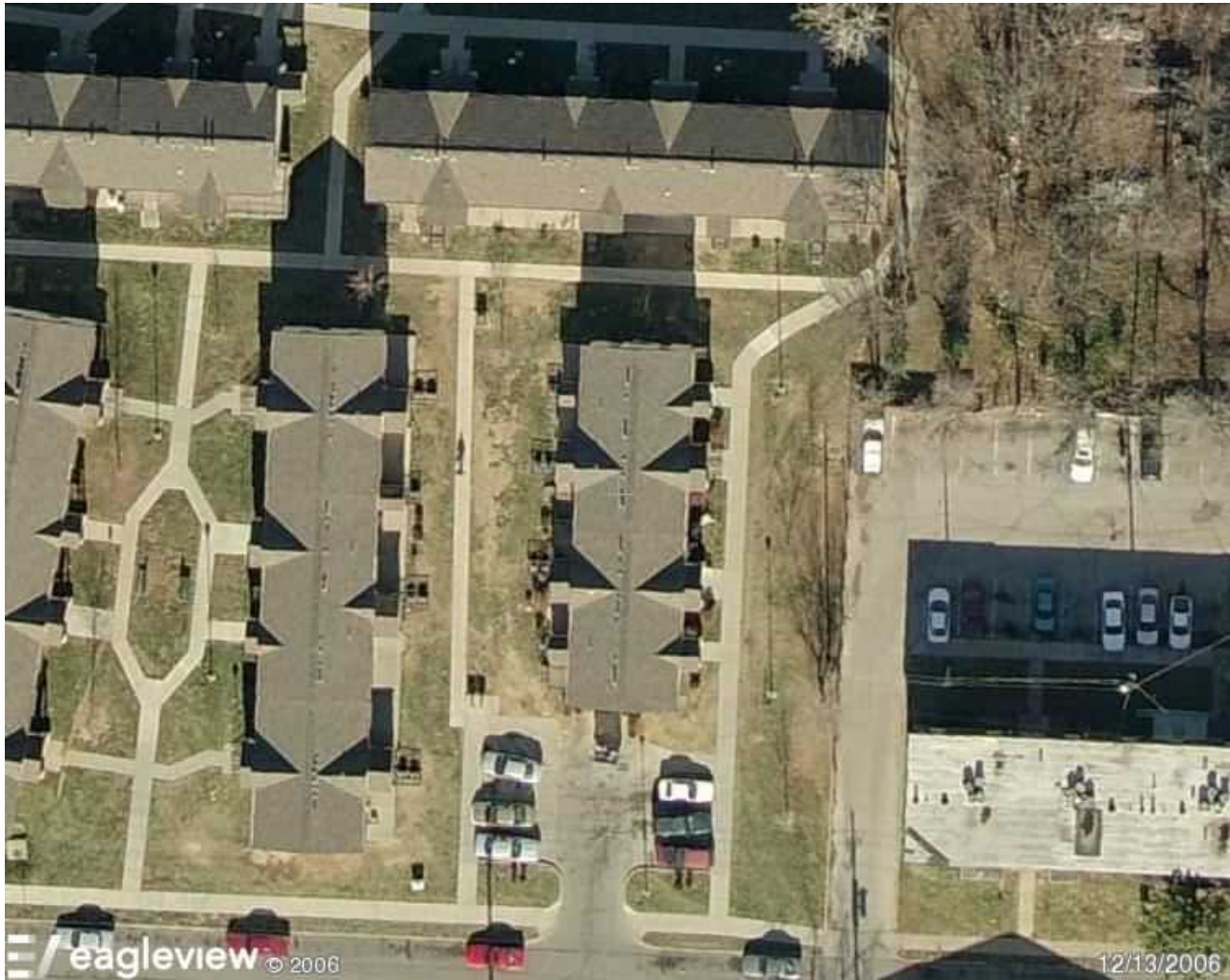
Certified Accurate

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 = 212 ft
Hips = 0 ft

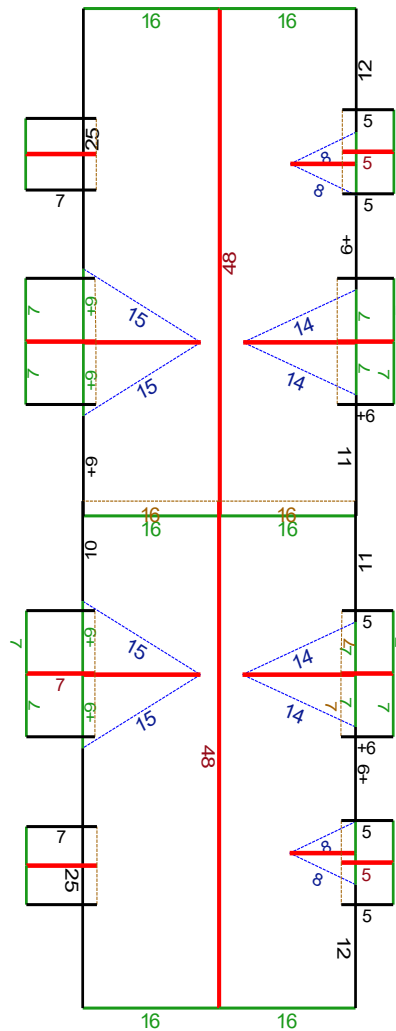
Valleys = 150 ft

Rakes = 265 ft

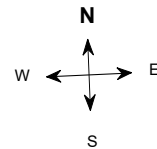
Eaves = 238 ft

Flashing = 0 ft

Step flashing = 122 ft

Parapets = 0 ft


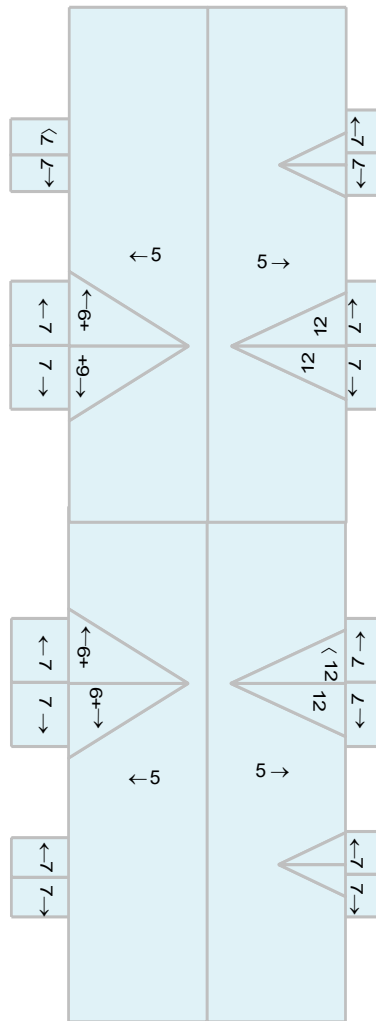
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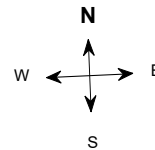
Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 5/12



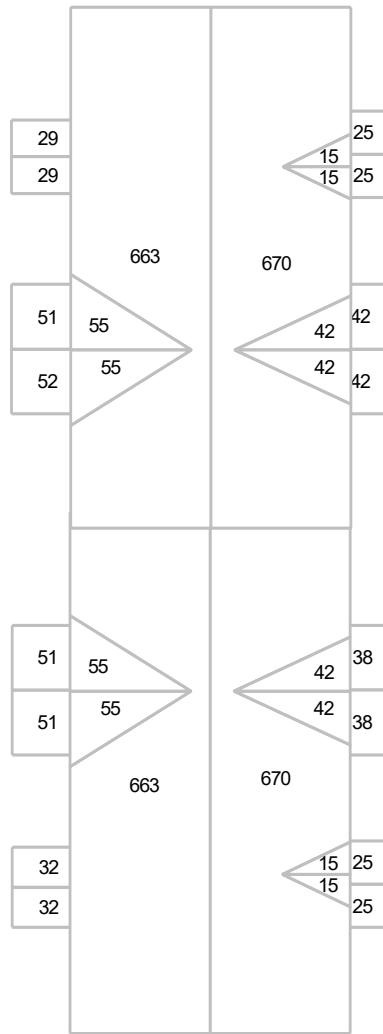
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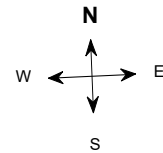
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater.

AREA DIAGRAM

Total Area = 3,702 sq ft, with 32 facets.



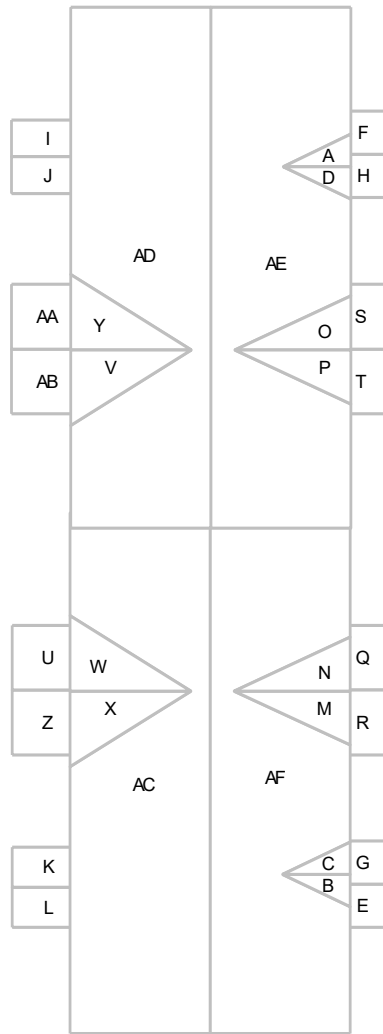
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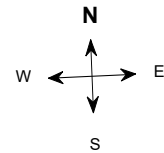
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

NOTES DIAGRAM

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



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PENETRATIONS NOTES DIAGRAM

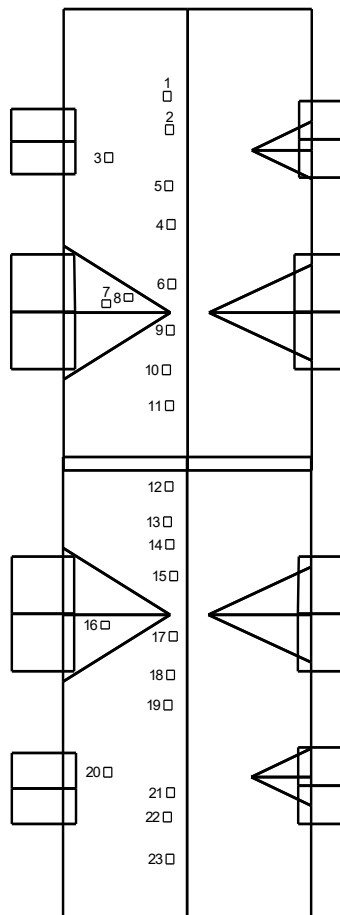
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations = 23

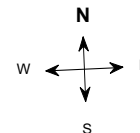
Total Penetrations Area = 23 sq ft

Total Penetrations Perimeter = 92 ft

Total Roof Area Less Penetrations = 3,679 sq ft



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REPORT SUMMARY

All Structures

Areas per Pitch

Roof Pitches	5/12	7/12	9/12	12/12
Area (sq ft)	2666.0	589.9	218.0	228.0
% of Roof	72%	15.9%	5.9%	6.2%

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

Waste Calculation Table

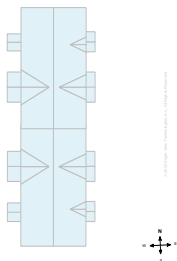
Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sq ft)	3,702	4072.2	4146.2	4257.3	4331.3	4442.4	4516.4
Squares	37.0	40.7	41.5	42.6	43.3	44.4	45.2

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.

Penetrations	1-23								
Area (sq ft)	1								
Perimeter (ft)	4								

Any measured penetration smaller than 3.0x3.0 Feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.

All Structures Totals



Total Roof Facets = 32
Total Penetrations = 23

Lengths, Areas and Pitches

Ridges = 212 ft (16 Ridges)
Hips = 0 ft (0 Hips)
Valleys = 150 ft (12 Valleys)
Rakes† = 265 ft (34 Rakes)
Eaves/Starter‡ = 238 ft (26 Eaves)
Drip Edge (Eaves + Rakes) = 503 ft (60 Lengths)
Parapet Walls = 0 (0 Lengths)
Flashing = 0 ft (0 Lengths)
Step flashing = 122 ft (18 Lengths)
Total Penetrations Area = 23 sq ft
Total Roof Area Less Penetrations = 3,679 sq ft
Total Penetrations Perimeter = 92 ft
Predominant Pitch = 5/12
Total Area (All Pitches) = 3,702 sq ft

Property Location

Longitude = -94.5607381
Latitude = 39.1096558

Notes

This was ordered as a commercial 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.

1728 Missouri Ave, Kansas City, MO 64106

Report: 50955919

Online Maps

Online map of property

http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=1728+Missouri+Ave,Kansas+City,MO,64106

Directions from Housing Authority of Kansas City to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=3822+Summit+St,Kansas+City,MO,64111-4652&daddr=1728+Missouri+Ave,Kansas+City,MO,64106

1728 Missouri Ave, Kansas City, MO 64106

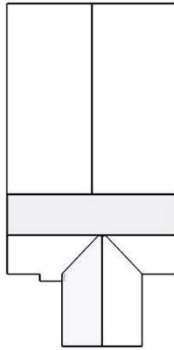
Report: 50955919

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

Building: community center

PREPARED FOR

Contact: Douglas Martin
 Company: Housing Authority of
 Kansas City
 Address: 3822 Summit St
 Kansas City, MO 64111-
 4652
 Phone: 816-968-4100

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Images	1
Length Diagram	4
Pitch Diagram	5
Area Diagram	6
Notes Diagram	7
Penetrations Diagram	8
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MEASUREMENTS

Total Roof Area = 9,639 sq ft
 Total Roof Facets = 7
 Predominant Pitch = 1/12
 Number of Stories > 1
 Total Ridges/Hips = 199 ft
 Total Valleys = 47 ft
 Total Rakes = 260 ft
 Total Eaves = 265 ft
 Total Penetrations = 36
 Total Penetrations Perimeter = 280 ft
 Total Penetrations Area = 180 sq 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

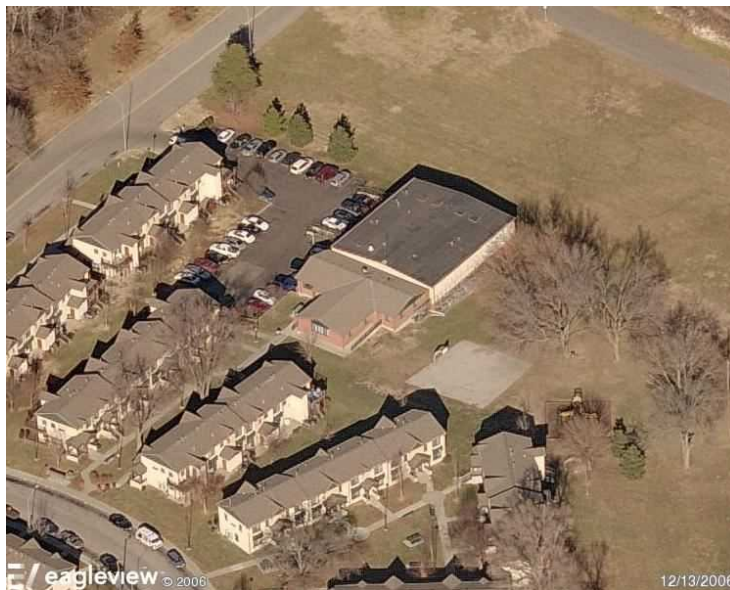


IMAGES

North Side



South Side

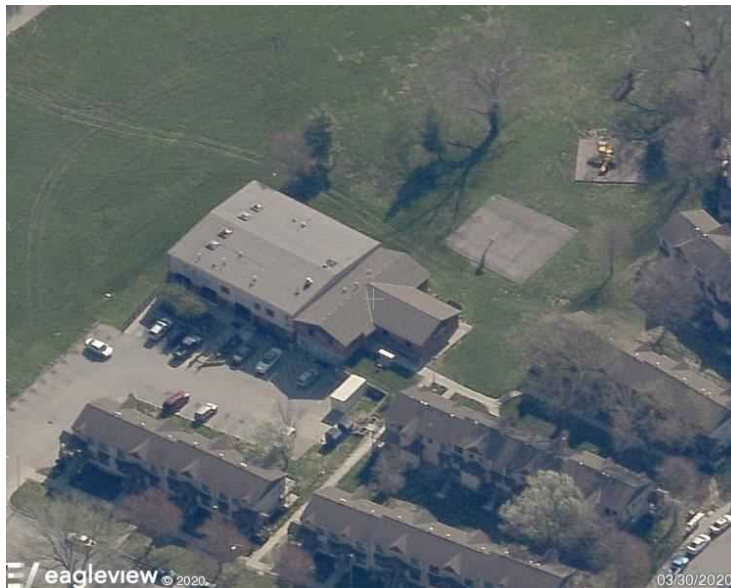


IMAGES

East Side

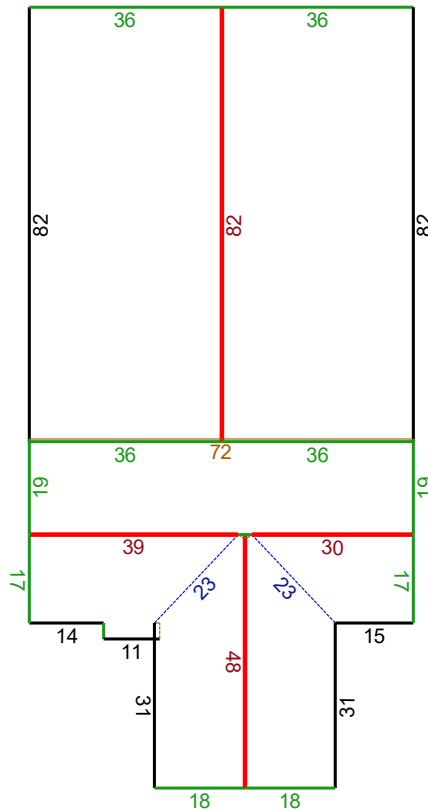


West Side

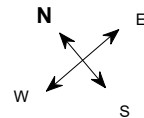


LENGTH DIAGRAM

Total Line Lengths:

Ridges = 199 ft
Hips = 0 ft
Valleys = 47 ft
Rakes = 260 ft
Eaves = 265 ft
Flashing = 75 ft
Step flashing = 6 ft
Parapets = 0 ft


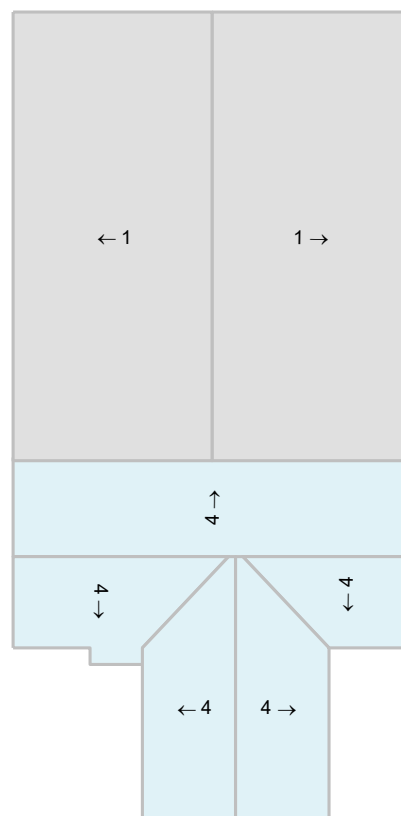
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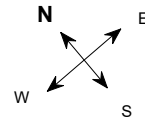
Note: This diagram contains segment lengths (rounded to the nearest whole number) over 5.0 Feet. In some cases, segment labels have been removed for readability. Plus signs preface some numbers to avoid confusion when rotated (e.g. +6 and +9).

PITCH DIAGRAM

Pitch values are shown in inches per foot, and arrows indicate slope direction. The predominant pitch on this roof is 1/12



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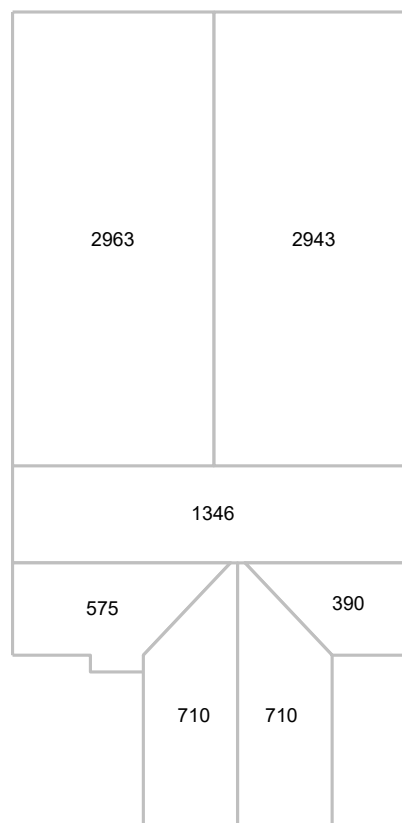
Note: This diagram contains labeled pitches for facet areas larger than 20.0 square feet. In some cases, pitch labels have been removed for readability. Blue shading indicates a pitch of 3/12 and greater. Gray shading indicates flat, 1/12 or 2/12 pitches.

299 Paseo Blvd, Kansas City, MO 64106

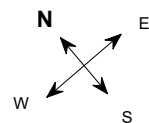
Report: 50955920

AREA DIAGRAM

Total Area = 9,639 sq ft, with 7 facets.



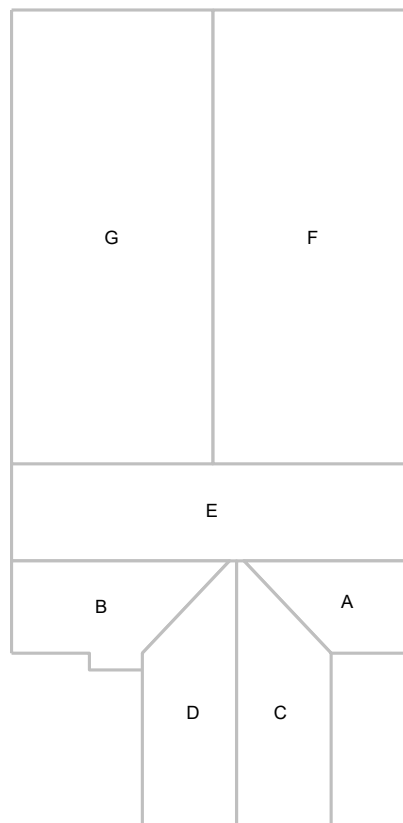
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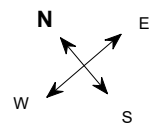
Note: This diagram shows the square feet of each roof facet (rounded to the nearest Foot). The total area in square feet, at the top of this page, is based on the non-rounded values of each roof facet (rounded to the nearest square foot after being totaled).

NOTES DIAGRAM

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



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PENETRATIONS NOTES DIAGRAM

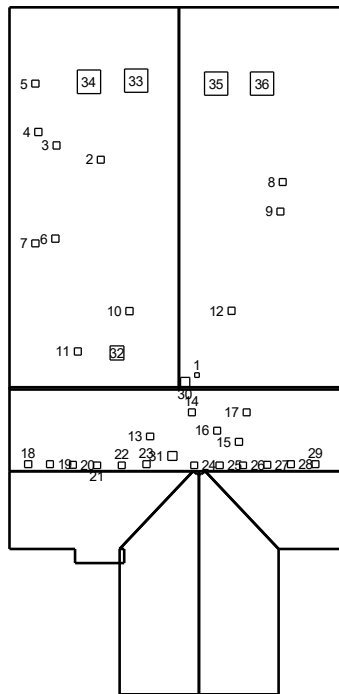
Penetrations are labeled from smallest to largest for easy reference.

Total Penetrations = 36

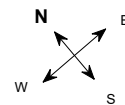
Total Penetrations Area = 180 sq ft

Total Penetrations Perimeter = 280 ft

Total Roof Area Less Penetrations = 9,459 sq ft



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REPORT SUMMARY

All Structures

Areas per Pitch

Roof Pitches	1/12	4/12
Area (sq ft)	5906.5	3731.7
% of Roof	61.3%	38.7%

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

Waste Calculation Table

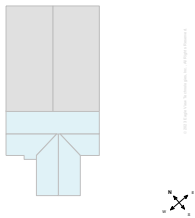
Waste %	0%	10%	12%	15%	17%	20%	22%
Area (sq ft)	9,639	10602.9	10795.7	11084.9	11277.6	11566.8	11759.6
Squares	96.4	106.0	108.0	110.8	112.8	115.7	117.6

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.

Penetrations	1	2-29	30-31	32	33-36				
Area (sq ft)	1	2.2	4	9	25				
Perimeter (ft)	4	6	8	12	20				

Any measured penetration smaller than 3.0x3.0 Feet may need field verification. Accuracy is not guaranteed. The total penetration area is not subtracted from the total roof area.

All Structures Totals



Total Roof Facets = 7
Total Penetrations = 36

Lengths, Areas and Pitches

Ridges = 199 ft (4 Ridges)
Hips = 0 ft (0 Hips)
Valleys = 47 ft (2 Valleys)
Rakes[†] = 260 ft (13 Rakes)
Eaves/Starter[‡] = 265 ft (7 Eaves)
Drip Edge (Eaves + Rakes) = 525 ft (20 Lengths)
Parapet Walls = 0 (0 Lengths)
Flashing = 75 ft (3 Lengths)
Step flashing = 6 ft (3 Lengths)
Total Penetrations Area = 180 sq ft
Total Roof Area Less Penetrations = 9,459 sq ft
Total Penetrations Perimeter = 280 ft
Predominant Pitch = 1/12
Total Area (All Pitches) = 9,639 sq ft

Property Location

Longitude = -94.5609456
Latitude = 39.1117810

Notes

This was ordered as a commercial 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.

299 Paseo Blvd, Kansas City, MO 64106

Report: 50955920

Online Maps

Online map of property

http://maps.google.com/maps?f=q&source=s_q&hl=en&geocode=&q=299+Paseo+Blvd,Kansas+City,MO,64106

Directions from Housing Authority of Kansas City to this property

http://maps.google.com/maps?f=d&source=s_d&saddr=3822+Summit+St,Kansas+City,MO,64111-4652&daddr=299+Paseo+Blvd,Kansas+City,MO,64106

299 Paseo Blvd, Kansas City, MO 64106

Report: 50955920

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