



Park Hill School District

Building Successful Futures • Each Student • Every Day

ADDENDUM No. 1

Park Hill School District

2025 Roofing Projects

January 9, 2025

You are instructed to read and note the following described changes, corrections, clarifications, omissions, deletions, additions, approvals and statements pertinent to the Construction Documents.

Addendum No. 1 is a part of the Contract Bid and Construction Documents and shall govern the performance of the Work.

I. General Information

- A. Your contact to schedule roof inspections is Joe Rogers @ 816-908-7257
- B. Attached is the infrared report showing the wet locations at Chinn Elementary, Plaza Middle, and Park Hill South High.
- C. The date to submit Roof Bid Qualifying Documents has changed to January 23, 2025 at 1:00 P.M.
- D. In the specification Summary section, page 10, item q., change the words “white polyurethane elastomeric” to “aluminum”.
- E. Attached is a Revised Bid Form for Chinn Elementary correcting the name at the top of page one and adding unit cost for blister and ridge repairs.
- F. Attached is a Revised Bid Form for Park Hill South High adding the word Retrofit to Attachment A.
- G. Chinn Elementary will have a major renovation this summer and staging will need to be coordinated with Universal Construction.
- H. At Chinn Elementary, the RTU units on Roof B will be replaced this summer. The awarded roofing contractor must coordinate this work with the mechanical company if completed at the same time.
- I. Plaza Middle School will have summer school until July 4th. The wet insulation on Roof M can only be replaced from July 7th through July 31st.

II. Scope of Work Additions and Changes

- A. As listed above.

ACKNOWLEDGEMENT: Each Bidder shall acknowledge receipt of Addendum No. 1 on the bid forms.

END OF ADDENDUM NO. 1

DOCUMENT 00411 – REVISED BID FORM

Park Hill School District
2025 Roofing – Chinn Elementary

Bidder: _____
(Bidder enter name here)

BASE BID, SINGLE-PRIME (ALL TRADES) CONTRACT

The undersigned Bidder, having carefully examined the Bidding and Contract Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, all as issued by the Owner, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, and allowances as described in the specification documents, necessary to complete the construction with the following exceptions:

- Price includes labor and miscellaneous materials not supplied by the owner.
- Price does not include the attached “Owner Purchased Material List” to be purchased by owner directly.
- All material not listed as purchased by owner shall be the responsibility of this contractor
(See Attachment A forms)

BASE BID

1. Chinn Elementary School
 - A. Roofs A, B1, C, C1, D, D1, E, and F – Roof Restoration \$ _____
 - B. Roof F1 – Roof Replacement \$ _____

ALTERNATE BID

1. Chinn Elementary School
 - A. Roof B - Roof Restoration \$ _____
 - B. Roof B – Roof Replacement \$ _____

UNIT PRICES

1. Gypsum Deck Repair \$ _____ per cubic ft.
2. Wood Blocking Replacement \$ _____ per board ft
3. Drain Bowl Replacement (Case Iron 4”) \$ _____ per drain
4. Drain Clamping Ring Replacement \$ _____ per ring
5. Blister Repair – (2’ x 2’/each on gravel surface) \$ _____ per blister
6. Ridge Repair – (1’ x 2’ /each on gravel surface) \$ _____ per ridge

BONDING

The undersigned Bidder agrees to furnish a Payment & Performance Bond in the amount of 100% of total contract value.

TIME OF COMPLETION

The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified and shall fully complete 100% of the Work no later than August 1, 2025. If work cannot be completed by August 1, 2025, contractor shall pay as Late Fees the sum of \$1,000.00 for each consecutive day that the work is not completed thereafter.

ACKNOWLEDGEMENT OF ADDENDA

The undersigned Bidder acknowledges receipt of and use of the following Addenda in the preparation of this Bid:

Addendum No. 1, dated _____

Addendum No. 2, dated _____

CONTRACTOR'S LICENSE

The undersigned further states that he is a duly licensed Contractor, for the type of work proposed, in the State of Missouri, and that all fees, permits, etc., pursuant to the submission of this proposal have been paid in full.

SUBMISSION OF BID

Respectfully submitted this ____ day of _____, 2025.

By: _____

(Name of bidding firm or corporation)

Witness:

By: _____

(Signature)

Attest: _____

(Signature)

(Type or print name)

By: _____

(Type or print name)

Title: _____

(Owner/Partner/President/Vice Pres.)

Title: _____

(Corporate Secretary or Assistant Secretary Only)

Address: _____

Phone: _____

License: _____

Federal ID No.: _____

(Affix Corporate Seal Here)

Attachment A

Owner Purchased Material List Chinn Elementary School – Roofs A, B1, C, C1, D, D1, E, and F - (Roof Restoration)

The following material list is to be included with the bid form and signed/dated by the Contractor. Failure to provide this information will render your bid unresponsive. The owner is purchasing the following list of material from EducationPlus through a pre-competed national cooperative purchasing organization. Only these materials, in the quantities listed, will be supplied.

The Contractor is responsible for purchasing any additional material directly from the roofing material manufacturer at the contractor's cost. The contractor is also responsible for ALL other items not on this list necessary for the completion of work specified. This includes, but is not limited to, fasteners, wood components, insulation, cants and taper edge, gravel, sheet metal, warranty charges, inspections, maintenance agreements, and other consumable materials.

The unloading and storage of the below material shall be in a secure area and shall be the sole responsibility of the contractor. Any unused material will become the property of the contractor at the completion of the project.

<u>Material</u>	<u>Quantity</u>	<u>Container Size</u>
AlphaGuard Bio Top Coat	25 kits	3.1-gallon kits
AlphaGuard Bio Base Coat	50 kits	4-gallon kits
AlphaGuard WB Primer	5 buckets	5-gallon buckets
Burmesh	15 rolls	6" x 300' rolls
	2 rolls	36" x 300' rolls
Ecolastic Adhesive	55 barrels	53-gallon barrels lined
ELS Mastic	36 buckets	5-gallon buckets
GeoGard Seam Sealer	5 buckets	2-gallon buckets
Permafab Reinforcement	5 rolls	4" x 300' rolls
TremSeal Pro – White	1 case	30 tube cases
TremSeal Pro – Aluminum Stone	1 case	30 tube cases
TremSeal Pro – Black	1 case	30 tube cases
TremTred Roof Walkway Panels	15 panels	3' x 4' x ½"

Bidding Contractor: _____

Contractor Signature: _____

Date: _____

Attachment A

Owner Purchased Material List Chinn Elementary School – Roof F1 - (Roof Replacement)

The following material list is to be included with the bid form and signed/dated by the Contractor. Failure to provide this information will render your bid unresponsive. The owner is purchasing the following list of material from EducationPlus through a pre-competed national cooperative purchasing organization. Only these materials, in the quantities listed, will be supplied.

The Contractor is responsible for purchasing any additional material directly from the roofing material manufacturer at the contractor's cost. The contractor is also responsible for ALL other items not on this list necessary for the completion of work specified. This includes, but is not limited to, fasteners, wood components, insulation, cants and taper edge, gravel, sheet metal, warranty charges, inspections, maintenance agreements, and other consumable materials.

The unloading and storage of the below material shall be in a secure area and shall be the sole responsibility of the contractor. Any unused material will become the property of the contractor at the completion of the project.

<u>Material</u>	<u>Quantity</u>	<u>Container Size</u>
Alumanation 301	2 buckets	5-gallon bucket
Burmastic Adhesive	10 buckets	5-gallon bucket
Burmastic Glass Ply 33-lbs	12 rolls	2-sq/roll (20-rolls/pallet)
Burmastic Composite Ply Premium	5 rolls	20 rolls per pallet - 2/sq./roll
Burmesh	1 roll	6" x 300' rolls
ELS Mastic	8 buckets	2-gallon bucket
Sheeting Bond Black	6 buckets	3-gallon bucket
TRA Flashing	3 rolls	20" x 50' roll
TremSeal Pro – Aluminum Stone	1 case	30 tubes per case
TremTred Roof Walkway Panels	4 panels	3' x 4' x ½"

Bidding Contractor: _____

Contractor Signature: _____

Date: _____

Attachment A

Owner Purchased Material List Chinn Elementary School – Roof B - (Roof Restoration)

The following material list is to be included with the bid form and signed/dated by the Contractor. Failure to provide this information will render your bid unresponsive. The owner is purchasing the following list of material from EducationPlus through a pre-competed national cooperative purchasing organization. Only these materials, in the quantities listed, will be supplied.

The Contractor is responsible for purchasing any additional material directly from the roofing material manufacturer at the contractor's cost. The contractor is also responsible for ALL other items not on this list necessary for the completion of work specified. This includes, but is not limited to, fasteners, wood components, insulation, cants and taper edge, gravel, sheet metal, warranty charges, inspections, maintenance agreements, and other consumable materials.

The unloading and storage of the below material shall be in a secure area and shall be the sole responsibility of the contractor. Any unused material will become the property of the contractor at the completion of the project.

<u>Material</u>	<u>Quantity</u>	<u>Container Size</u>
AlphaGuard Bio Top Coat	2 kits	3.1-gallon kits
AlphaGuard Bio Base Coat	2 kits	4-gallon kits
AlphaGuard WB Primer	1 bucket	5-gallon buckets
Burmesh	1 roll	6" x 300' rolls
Ecolastic Adhesive	8 barrels	53-gallon barrels lined
ELS Mastic	15 buckets	5-gallon buckets
GeoGard Seam Sealer	1 bucket	2-gallon buckets
Permafab Reinforcement	1 roll	4" x 300' rolls
TremSeal Pro – Black	1 case	30 tube cases
TremTred Roof Walkway Panels	4 panels	3' x 4' x ½"

Bidding Contractor: _____

Contractor Signature: _____

Date: _____

Attachment A

Owner Purchased Material List Chinn Elementary School – Roof B - (Roof Replacement)

The following material list is to be included with the bid form and signed/dated by the Contractor. Failure to provide this information will render your bid unresponsive. The owner is purchasing the following list of material from EducationPlus through a pre-competed national cooperative purchasing organization. Only these materials, in the quantities listed, will be supplied.

The Contractor is responsible for purchasing any additional material directly from the roofing material manufacturer at the contractor's cost. The contractor is also responsible for ALL other items not on this list necessary for the completion of work specified. This includes, but is not limited to, fasteners, wood components, insulation, cants and taper edge, gravel, sheet metal, warranty charges, inspections, maintenance agreements, and other consumable materials.

The unloading and storage of the below material shall be in a secure area and shall be the sole responsibility of the contractor. Any unused material will become the property of the contractor at the completion of the project.

<u>Material</u>	<u>Quantity</u>	<u>Container Size</u>
Alumanation 301	2 buckets	5-gallon bucket
Burmastic Adhesive	7 barrels	50-gallon lined barrel
Burmastic Glass Ply 33-lbs	80 rolls	2-sq/roll (20-rolls/pallet)
Burmastic Composite Ply Premium	40 rolls	20 rolls per pallet - 2/sq./roll
Burmesh	3 rolls	6" x 300' rolls
ELS Mastic	36 buckets	5-gallon bucket
Sheeting Bond Black	4 buckets	3-gallon bucket
TRA Flashing	2 rolls	20" x 50' roll
TremSeal Pro - Black	1 case	30 tubes per case
TremTred Roof Walkway Panels	5 panels	3' x 4' x ½"

Bidding Contractor: _____

Contractor Signature: _____

Date: _____

END OF SECTION 00411

DOCUMENT 00411 – REVISED BID FORM

Park Hill School District
2025 Roofing – Park Hill South High School

Bidder: _____
(Bidder enter name here)

BASE BID, SINGLE-PRIME (ALL TRADES) CONTRACT

The undersigned Bidder, having carefully examined the Bidding and Contract Requirements, Conditions of the Contract, Drawings, Specifications, and all subsequent Addenda, all as issued by the Owner, having visited the site, and being familiar with all conditions and requirements of the Work, hereby agrees to furnish all material, labor, equipment and services, and allowances as described in the specification documents, necessary to complete the construction with the following exceptions:

- Price includes labor and miscellaneous materials not supplied by the owner.
- Price does not include the attached “Owner Purchased Material List” to be purchased by owner directly.
- All material not listed as purchased by owner shall be the responsibility of this contractor
(See Attachment A forms)

BASE BID

1. Park Hill South High School
Roof AA – Roof Retrofit \$ _____
2. Park Hill South High School
Roof AA – Roof Replacement \$ _____

UNIT PRICES

1. Metal Deck Replacement \$ _____ per sq. ft
2. Metal Deck Repair \$ _____ per sq. ft
3. Wood Blocking Replacement \$ _____ per board ft
4. Drain Bowl Replacement (Case Iron 4”) \$ _____ per drain
5. Drain Clamping Ring Replacement \$ _____ per ring

BONDING

The undersigned Bidder agrees to furnish a Payment & Performance Bond in the amount of 100% of total contract value.

TIME OF COMPLETION

The undersigned Bidder proposes and agrees hereby to commence the Work of the Contract Documents on a date specified and shall fully complete 100% of the Work no later than August 1, 2025. If work cannot be completed by August 1, 2025, contractor shall pay as Late Fees the sum of \$1,000.00 for each consecutive day that the work is not completed thereafter.

ACKNOWLEDGEMENT OF ADDENDA

The undersigned Bidder acknowledges receipt of and use of the following Addenda in the preparation of this Bid:

Addendum No. 1, dated _____

Addendum No. 2, dated _____

CONTRACTOR'S LICENSE

The undersigned further states that he is a duly licensed Contractor, for the type of work proposed, in the State of Missouri, and that all fees, permits, etc., pursuant to the submission of this proposal have been paid in full.

SUBMISSION OF BID

Respectfully submitted this ____ day of _____, 2025.

By: _____

(Name of bidding firm or corporation)

Witness:

By: _____

(Signature)

Attest: _____

(Signature)

(Type or print name)

By: _____

(Type or print name)

Title: _____

(Owner/Partner/President/Vice Pres.)

Title: _____

(Corporate Secretary or Assistant Secretary Only)

Address: _____

Phone: _____

License: _____

Federal ID No.: _____

(Affix Corporate Seal Here)

Attachment A

Owner Purchased Material List Park Hill South High School – Roof AA- (Roof Replacement or Retrofit)

The following material list is to be included with the bid form and signed/dated by the Contractor. Failure to provide this information will render your bid unresponsive. Only the materials below, in the quantities listed, will be supplied.

The Contractor is responsible for purchasing any additional material directly from the roofing material manufacturer at the contractor's cost. The contractor is also responsible for ALL other items not on this list necessary for the completion of work specified. This includes, but is not limited to, fasteners, wood components, insulation, cants and taper edge, gravel, sheet metal, warranty charges, inspections, maintenance agreements, and other consumable materials.

The unloading and storage of the below material shall be in a secure area and shall be the sole responsibility of the contractor. Any unused material will become the property of the owner at the completion of the project.

<u>Material</u>	<u>Quantity</u>	<u>Container Size</u>
Alumanation 301	30 buckets	5-gallon bucket
Burmastic Adhesive	20 barrels	50-gallon lined barrel
Burmastic Composite Ply HT	110 rolls	20 rolls per pallet - 2/sq./roll
Burmesh	3 rolls	6" x 300' rolls
ELS Mastic	10 buckets	5-gallon bucket
PowerPly Endure 300 FR	30 rolls	20 rolls per pallet
Premium IV Asphalt	216 cartons	100-lb/carton (24 cartons/pallet)
THERMglass Premium Type VI	110 rolls	5-sq/roll (25-rolls/pallet)
TremTred Roof Walkway Panels	8 Panels	3' x 4' x ½"

Bidding Contractor: _____

Contractor Signature: _____

Date: _____

END OF SECTION 00411

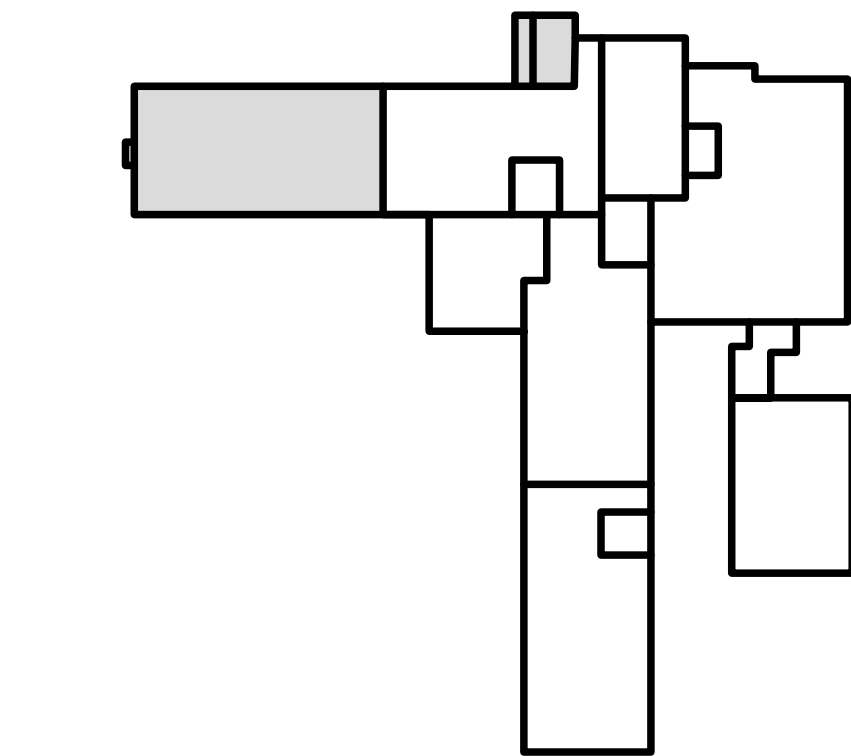
ROOF DIAGNOSTIC SURVEY FOR PARK HILL SCHOOL DISTRICT : CHINN E.S, LAKEVIEW M.S, PARK HILL SOUTH H.S, PLAZA M.S, RENNER E.S, SOUTHEAST E.S.

KANSAS CITY. MO

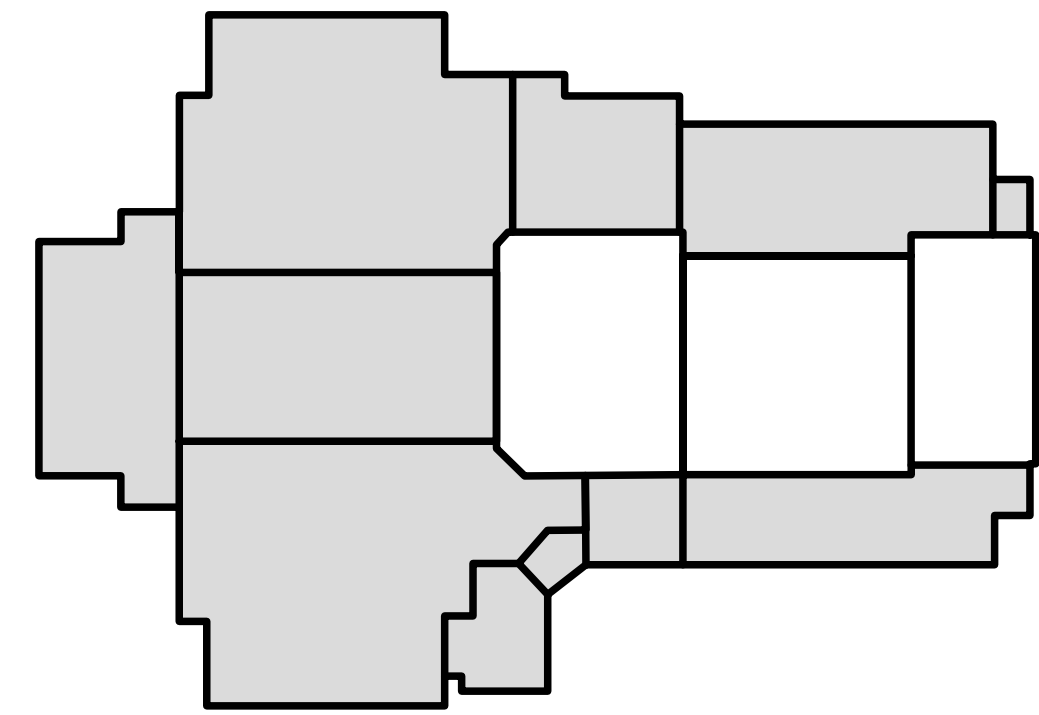
DRAWINGS

TITLE PAGE

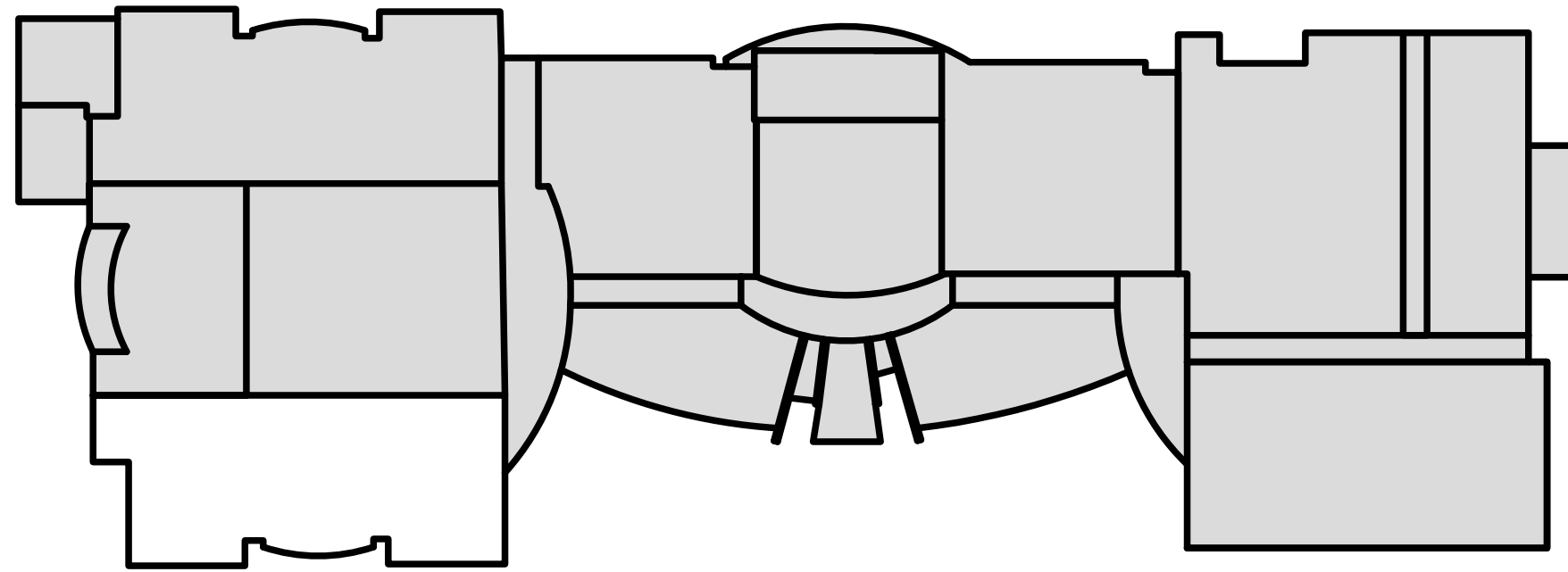
- SHEET A-1 CHINN E.S. - MOISTURE SURVEY
- SHEET A-2 CHINN E.S. - THERMOGRAMS AND PHOTOGRAPHS
- SHEET B LAKEVIEW M.S. - MOISTURE SURVEY
- SHEET C PARK HILL SOUTH H.S. - MOISTURE SURVEY
- SHEET D PLAZA M.S. - MOISTURE SURVEY
- SHEET E RENNER E.S. - MOISTURE SURVEY
- SHEET F SOUTHEAST E.S. - MOISTURE SURVEY



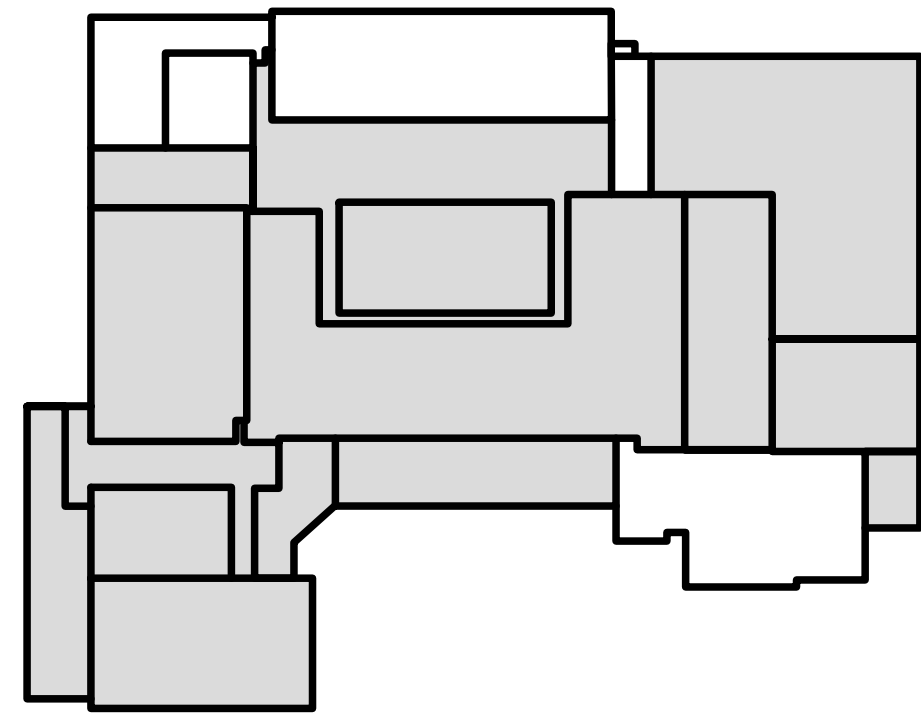
ROOF PLAN - CHINN E.S.
SCALE: NO SCALE



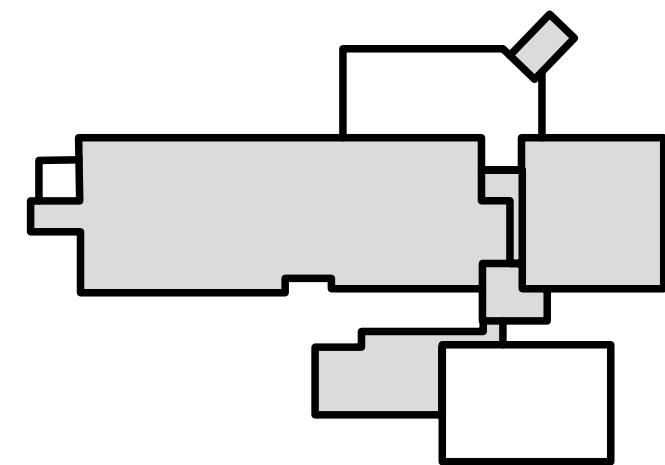
ROOF PLAN - LAKEVIEW M.S.
SCALE: NO SCALE



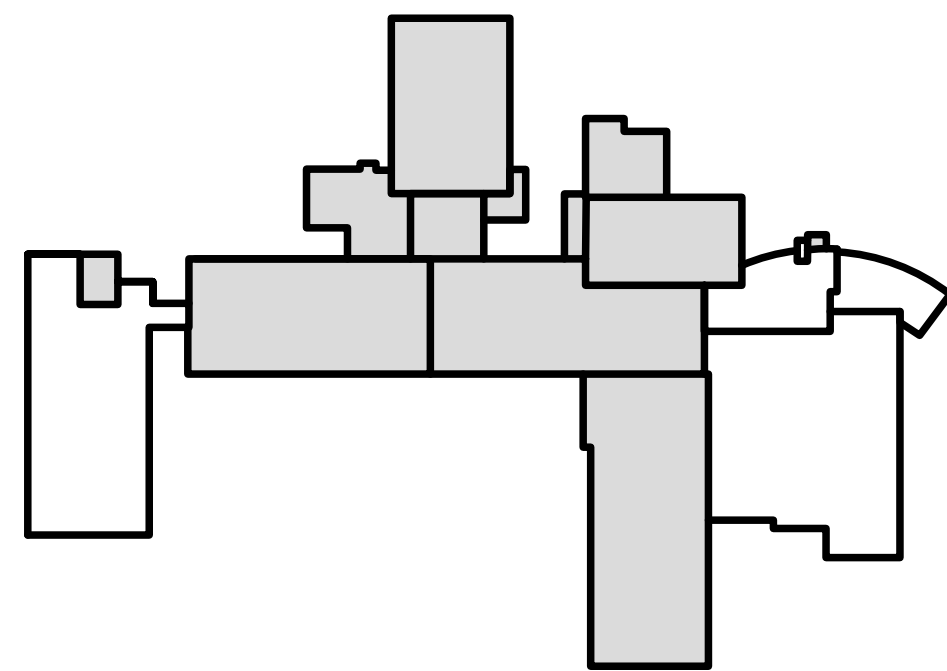
ROOF PLAN - PARK HILL SOUTH H.S.
SCALE: NO SCALE



ROOF PLAN - PLAZA M.S.
SCALE: NO SCALE

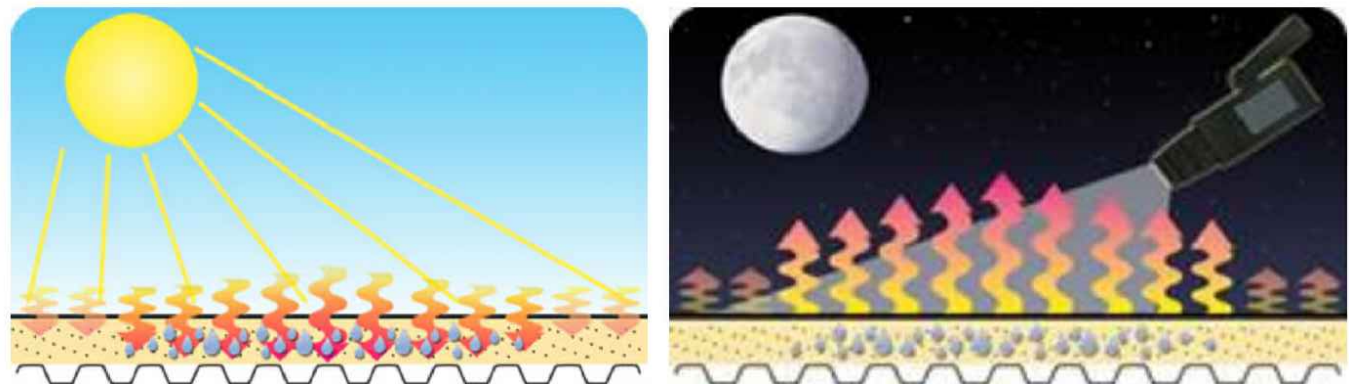


ROOF PLAN - RENNER E.S.
SCALE: NO SCALE



ROOF PLAN - SOUTHEAST E.S.
SCALE: NO SCALE

How An Infrared Survey Works:



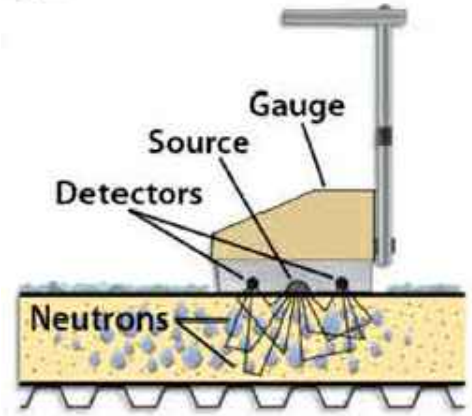
During the daytime, wet roof insulation absorbs more solar energy from the sun than dry roof insulation. During the nighttime, after the roof surface cools, the wet roof insulation will retain more solar energy than dry insulation and these temperature differences are detected by the infrared camera.

The wet roof areas are marked on the roof surface with visible paint markings. The wet roof areas are verified through core cuts and/or a Roof Moisture Meter.

How A Moisture Density Survey Works:

During the daytime, a 10'x10' or 5'x5' grid pattern is marked on the roof surface. Readings are taken and recorded at each grid intersection.

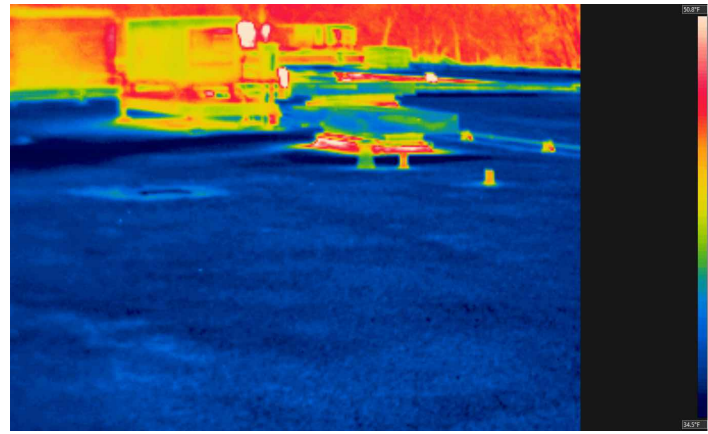
Fast neutrons are emitted from the source in the Roof Moisture Density Gauge into the roof system. The presence of hydrogen in the roof system slows the neutrons. These slowed neutrons as well as the fast neutrons are detected by the Roof Moisture Density Gauge "detectors". A reading is displayed in the digital readout and gets recorded.



Core cuts are taken to determine a baseline for dry roof materials. Then wet roof areas are marked on the roof surface with visible paint markings.



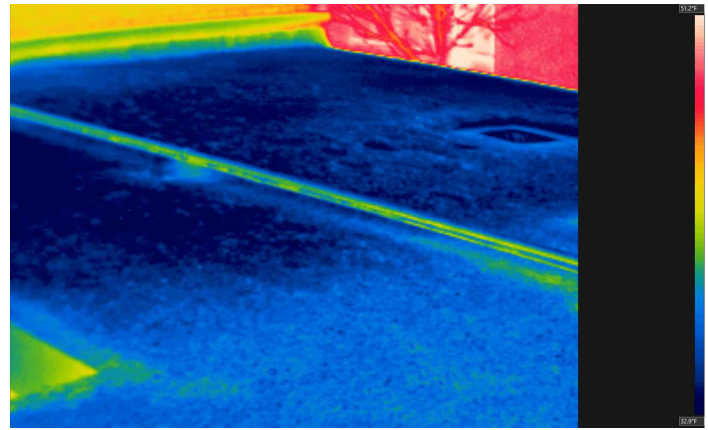
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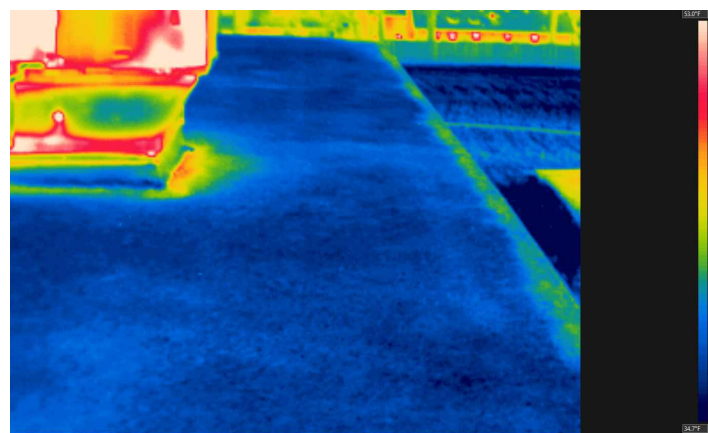
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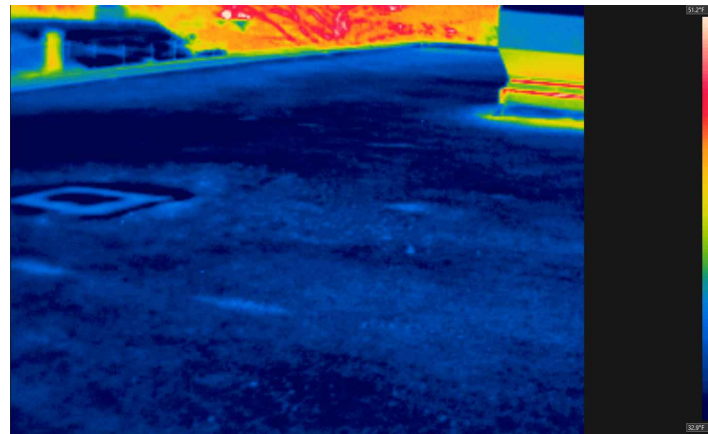
Photograph P-01



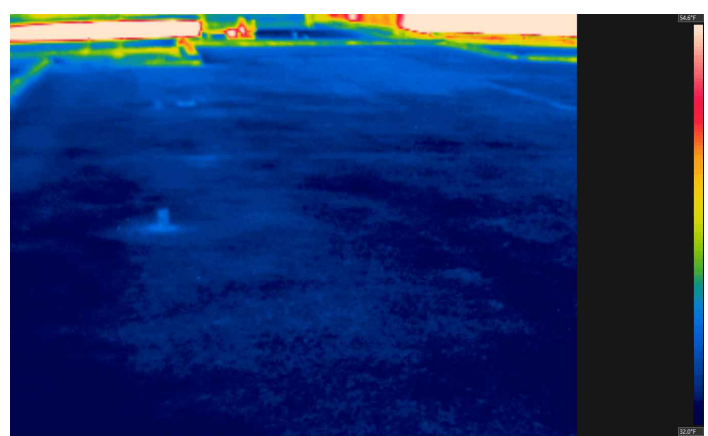
Thermogram T-02



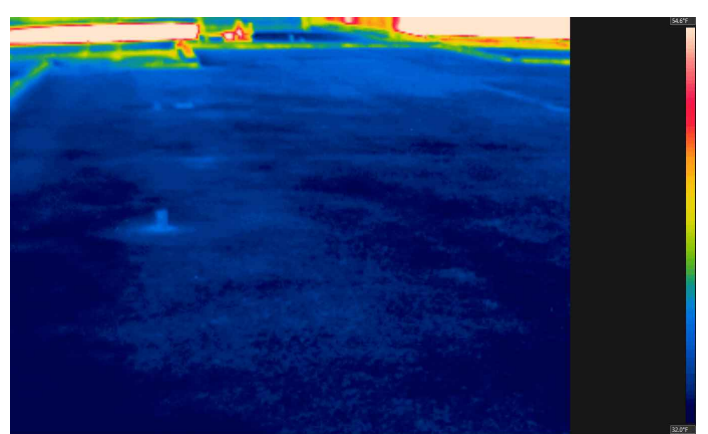
Thermogram T-03



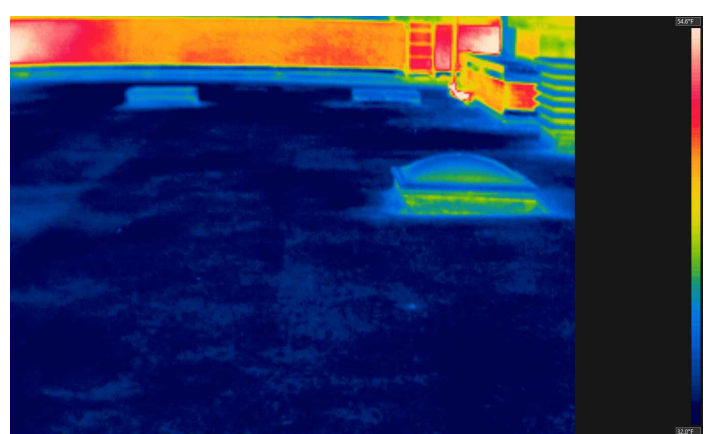
Thermogram T-04



Thermogram T-05



Thermogram T-06



Thermogram T-08



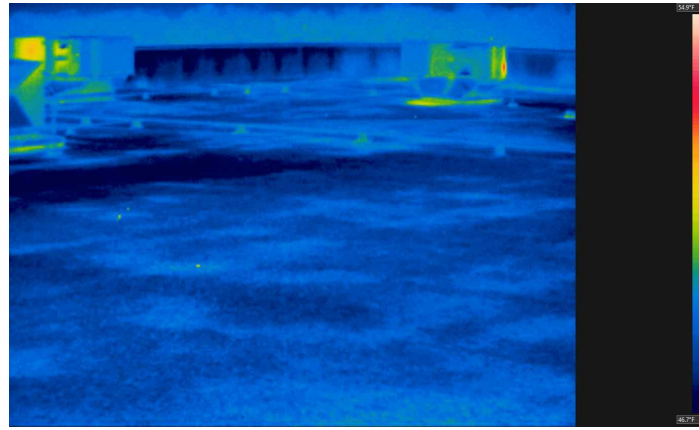
STANDARD KEY OF SYMBOLS			
AREA DESIGNATION	THERMOGRAM	WET INSULATION	N.I.C.
DRY CUT	TRACE CORE	R.I.M. (RANDOM INTERMITTANT MOISTURE)	MOISTURE GRID
WET CUT	PHOTOGRAPH	MOISTURE READING	



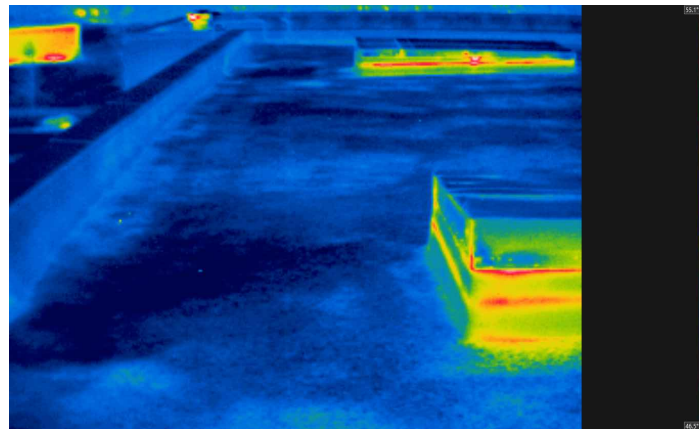
PARK HILL SCHOOL DISTRICT
CHINN ELEMENTARY SCHOOL
7100 N. CHATHAM ROAD
KANSAS CITY, MO

PROJECT NO.:		SHEET NO.:
DRAWN BY:	C.R.C. / T.T.	
DATE:	12/29/24	

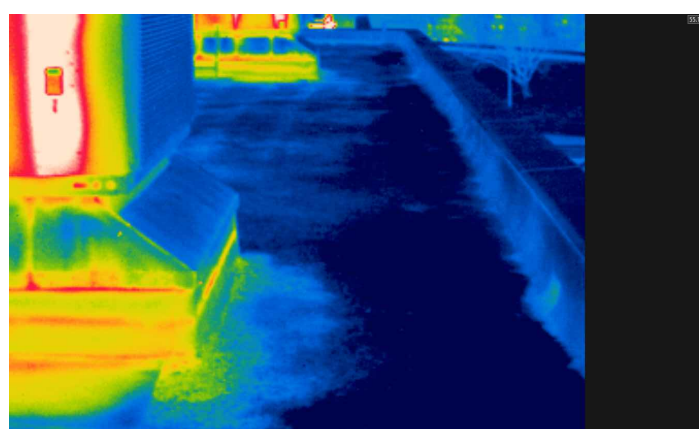
A-2



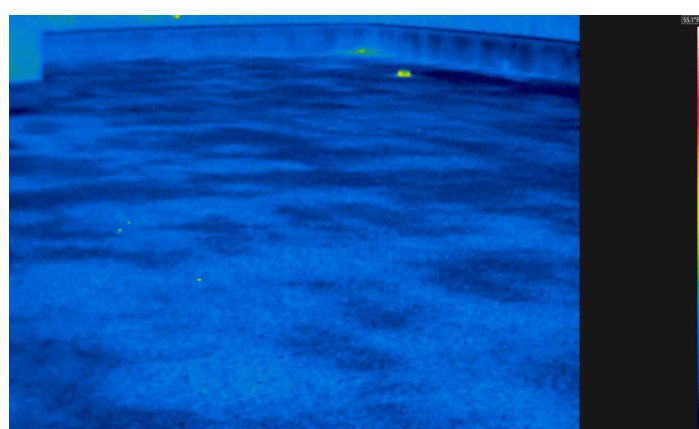
Thermogram T-01



Thermogram T-02



Thermogram T-03



Thermogram T-04



ROOF SECTION DATA			
ROOF SECT.	SIZE (S.F.)	WET (S.F.)	% WET
F	10,270	0	0.00%
J	11,856	0	0.00%
M	6,328	0	0.00%
TOTALS	28,454	0	0.00%

CONSTRUCTION DATA				
ROOF SECTION	CORE CUT NUMBER	MOISTURE READING	MOISTURE PERCENTAGE	ROOF CONSTRUCTION
F	F1	18	N/A	BUILT-UP-ROOF with GRAVEL
			0%	1/4" WOODFIBER INSULATION
			0%	2-1/4" EXPANDED POLYSTYRENE INSULATION
			N/A	VAPOR BARRIER
			0%	GYPSON BOARD
			N/A	METAL DECK

A

AREA DESIGNATION

T-01

→ THERMOGRAM

W

WET INSULATION

N.I.C.

Δ

 DRY CUT

☒

 TRACE CORE

P-01

→ PHOTOGRAPH

R.I.M.

 (RANDOM INTERMITTANT MOISTURE)

#

 MOISTURE READING

▲

 WET CUT

MOISTURE GRID

TREMCO

ROOFING & BUILDING MAINTENANCE

wti

PARK HILL SCHOOL DISTRICT
LAKEVIEW MIDDLE SCHOOL
6720 NW 64th ST.
KANSAS CITY, MO

PROJECT NO.: -

DRAWN BY: C.R.C. / T.T.

DATE: 12/29/24

SHEET NO.: B



Photograph P-01



Photograph P-05



Photograph P-09



Photograph P-02



Photograph P-06



Photograph P-03



Photograph P-07



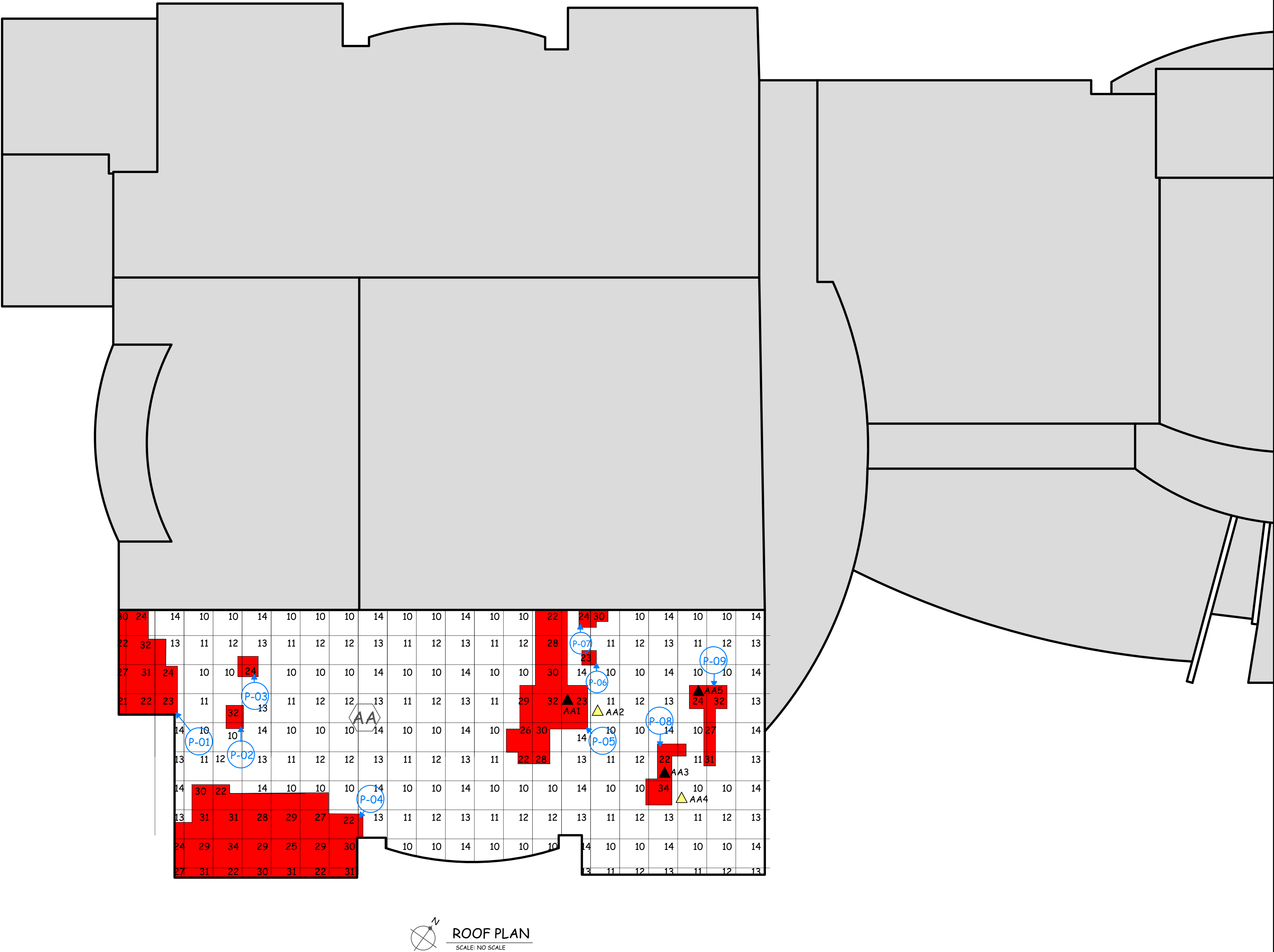
Photograph P-04



Photograph P-08

ROOF SECTION DATA			
ROOF SECT.	SIZE (S.F.)	WET (S.F.)	% WET
AA	17,138	3,300	19.26%
TOTALS	17,138	3,300	19.26%

CONSTRUCTION DATA				
ROOF SECTION	CORE CUT NUMBER	MOISTURE READING	MOISTURE PERCENTAGE	ROOF CONSTRUCTION
A	AA1	22	N/A	SMOOTH SURFACED BUILT-UP-ROOF with COATING
			50%	1/2" WOODFIBER INSULATION
			0%	2-1/2" POLYISOCYANURATE INSULATION
			N/A	VAPOR BARRIER
			N/A	GYP SUM DECK
A	AA2	18	N/A	SMOOTH SURFACED BUILT-UP-ROOF with COATING
			0%	1/2" WOODFIBER INSULATION
			0%	2-1/2" POLYISOCYANURATE INSULATION
			N/A	VAPOR BARRIER
			N/A	GYP SUM DECK
A	AA3	24	N/A	SMOOTH SURFACED BUILT-UP-ROOF with COATING
			100%	1/2" WOODFIBER INSULATION
			10%	2-1/2" POLYISOCYANURATE INSULATION
			N/A	VAPOR BARRIER
			N/A	GYP SUM DECK
A	AA4	17	N/A	SMOOTH SURFACED BUILT-UP-ROOF with COATING
			0%	1/2" WOODFIBER INSULATION
			0%	2-1/2" POLYISOCYANURATE INSULATION
			N/A	VAPOR BARRIER
			N/A	GYP SUM DECK
A	AA5	30	N/A	SMOOTH SURFACED BUILT-UP-ROOF with COATING
			100%	1/2" WOODFIBER INSULATION
			100%	2-1/2" POLYISOCYANURATE INSULATION
			N/A	VAPOR BARRIER
			N/A	GYP SUM DECK



A

AREA DESIGNATION

▲

WET CUT

▲

WET CUT

T-01

→ THERMOGRAM

☒

TRACE CORE

P-01

→ PHOTOGRAPH

■

WET INSULATION

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R.I.M. (RANDOM INTERMITTANT MOISTURE)

■

N.I.C.

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MOISTURE GRID

#

MOISTURE READING

STANDARD KEY OF SYMBOLS

TREMCO

ROOFING & BUILDING MAINTENANCE

wti

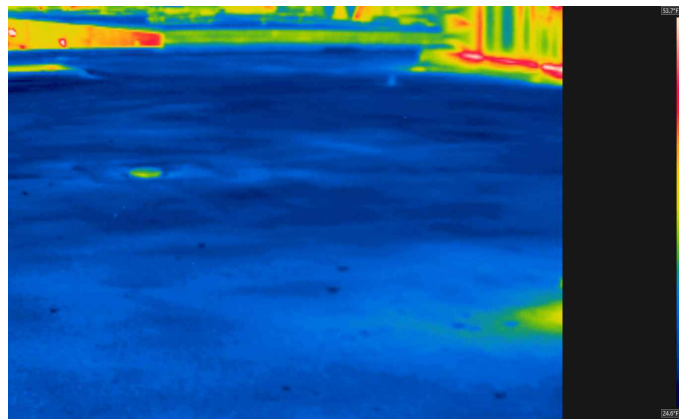
PARK HILL SCHOOL DISTRICT
PARK HILL SOUTH HIGH SCHOOL
4500 RIVER PK DR
RIVERSIDE, MO

PROJECT NO.:
DRAWN BY:
DATE:

12/29/24

SHEET NO.:
C

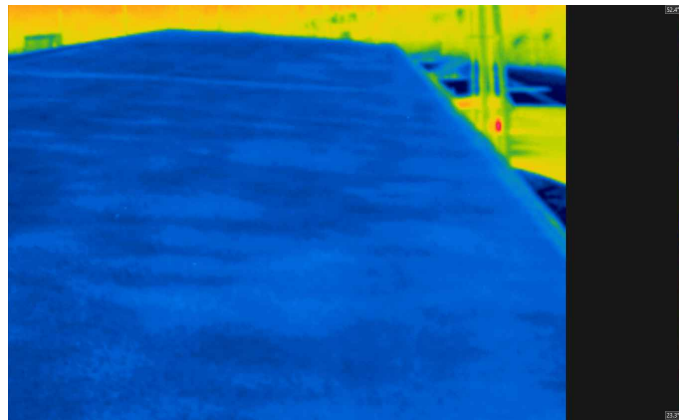
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Thermogram T-01



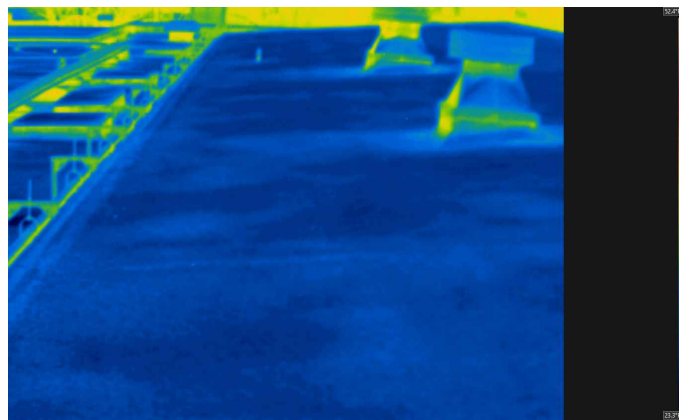
Photograph P-01



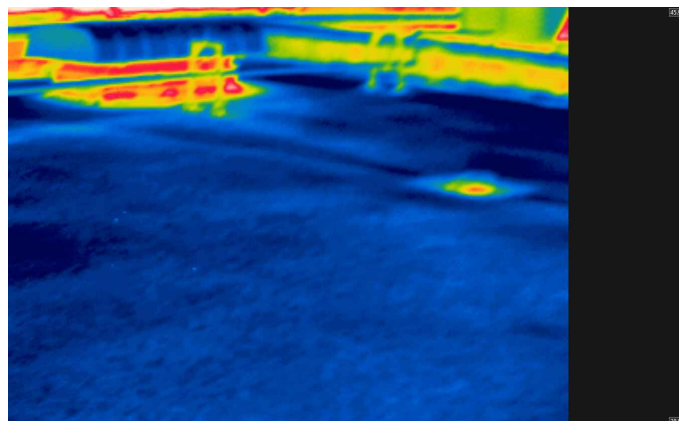
Thermogram T-02



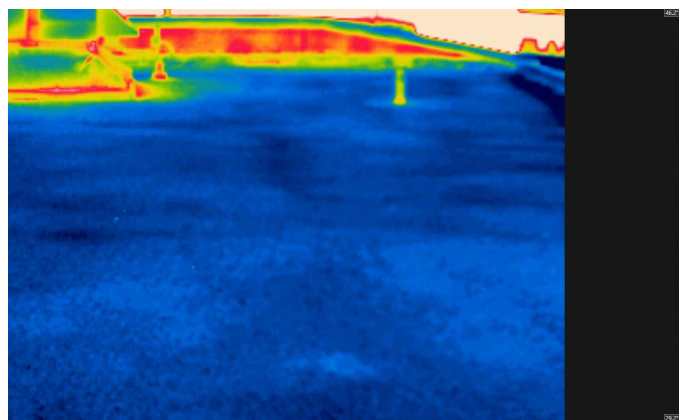
Photograph P-02



Thermogram T-03



Thermogram T-04



Thermogram T-05



ROOF SECTION DATA			
ROOF SECT.	SIZE (S.F.)	WET (S.F.)	% WET
G	3,254	0	0.00%
H	1,822	0	0.00%
L	8,580	0	0.00%
M	6,980	143	2.05%
O2	1,273	1,273	100.00%
TOTALS	21,909	1,416	6.46%

CONSTRUCTION DATA				
ROOF SECTION	CORE CUT NUMBER	MOISTURE READING	MOISTURE PERCENTAGE	ROOF CONSTRUCTION
O	O2	24	N/A	BUILT-UP-ROOF with GRAVEL
			100%	1" WOODFIBER INSULATION
			N/A	VAPOR BARRIER
			N/A	GYP SUM DECK

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AREA DESIGNATION

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DRY CUT

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WET CUT

T-01

→ THERMOGRAM

⊠

TRACE CORE

P-01

→ PHOTOGRAPH

■

WET INSULATION

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R.I.M. (RANDOM INTERMITTANT MOISTURE)

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N.I.C.

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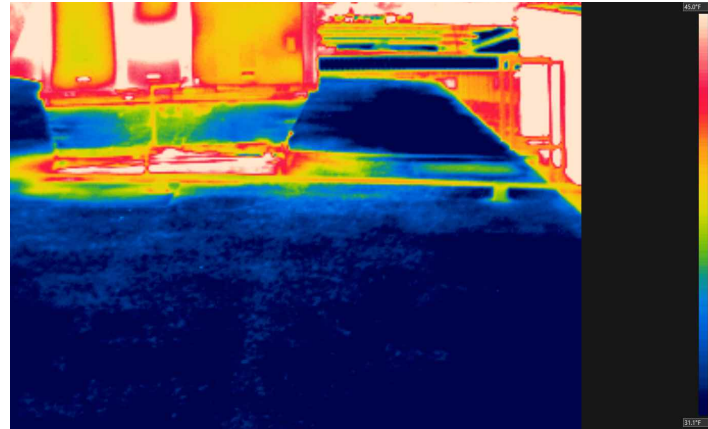
MOISTURE GRID

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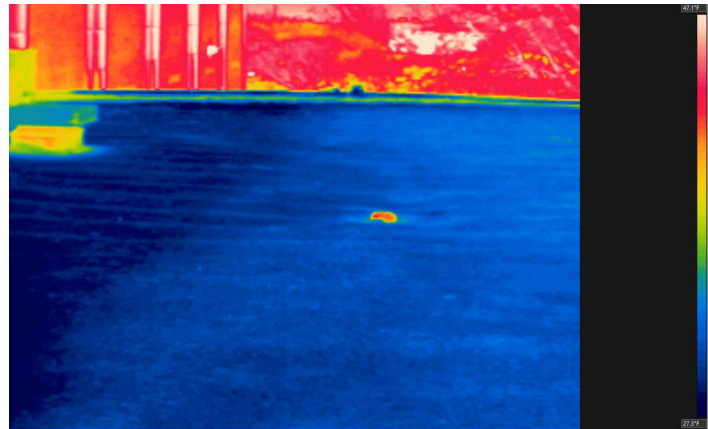
MOISTURE READING

PARK HILL SCHOOL DISTRICT
PLAZA MIDDLE SCHOOL
6501 NW 72ND STREET
KANSAS CITY, MO

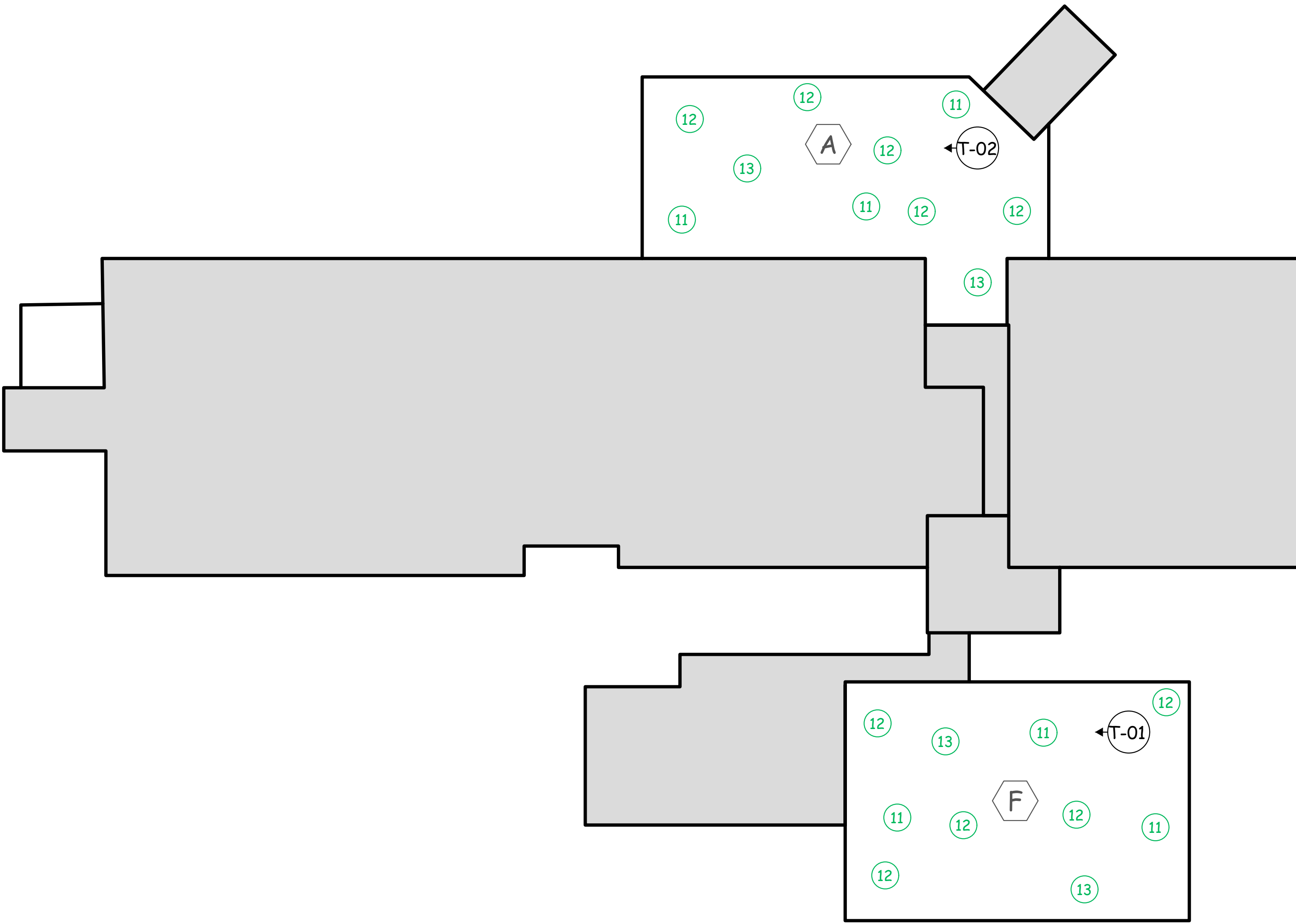
PROJECT NO.:		SHEET NO.:	
DRAWN BY:	C.R.C. / T.T.		
DATE:	12/29/24		



Thermogram T-01



Thermogram T-02



 **ROOF PLAN**
SCALE: NO SCALE

ROOF SECTION DATA			
ROOF SECT.	SIZE (S.F.)	WET (S.F.)	% WET
1	4,530	0	0.00%
3	5,166	0	0.00%
TOTALS	9,696	0	0.00%

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AREA DESIGNATION

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WET CUT

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WET CUT

T-01

→ THERMOGRAM

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WET INSULATION

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WET INSULATION

P-01

→ PHOTOGRAPH

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MOISTURE GRID

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MOISTURE GRID

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MOISTURE READING

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MOISTURE READING

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MOISTURE READING

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N.I.C.

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MOISTURE GRID

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MOISTURE GRID

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MOISTURE READING

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MOISTURE READING

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MOISTURE READING

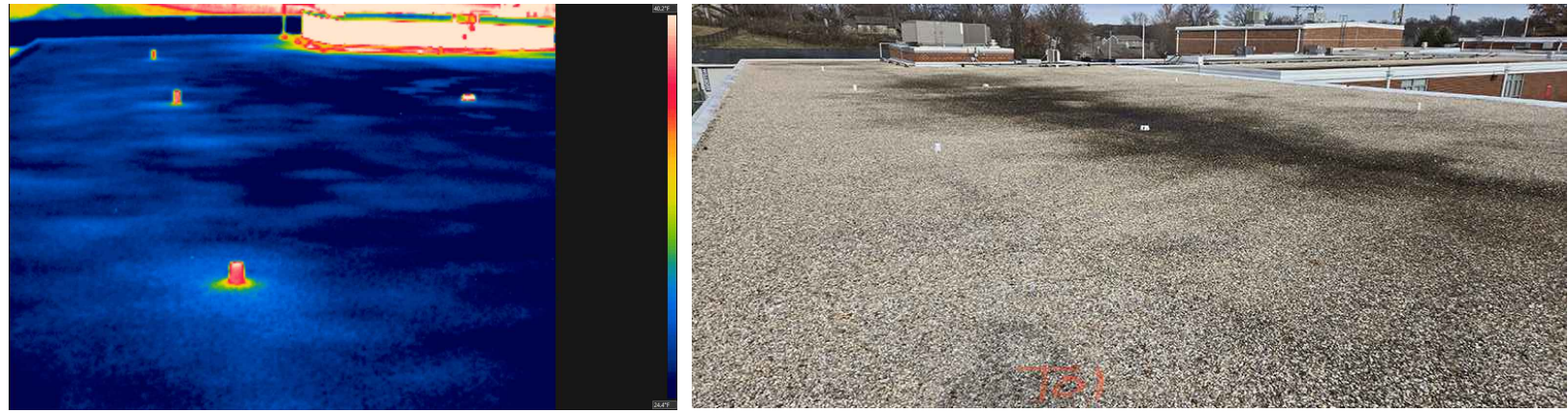
TREMCO
ROOFING & BUILDING MAINTENANCE



PARK HILL SCHOOL DISTRICT
RENNER ELEMENTARY SCHOOL
7401 NW BARRY STREET
KANSAS CITY, MO

PROJECT NO.:	-
DRAWN BY:	C.R.C. / T.T.
DATE:	12/29/24

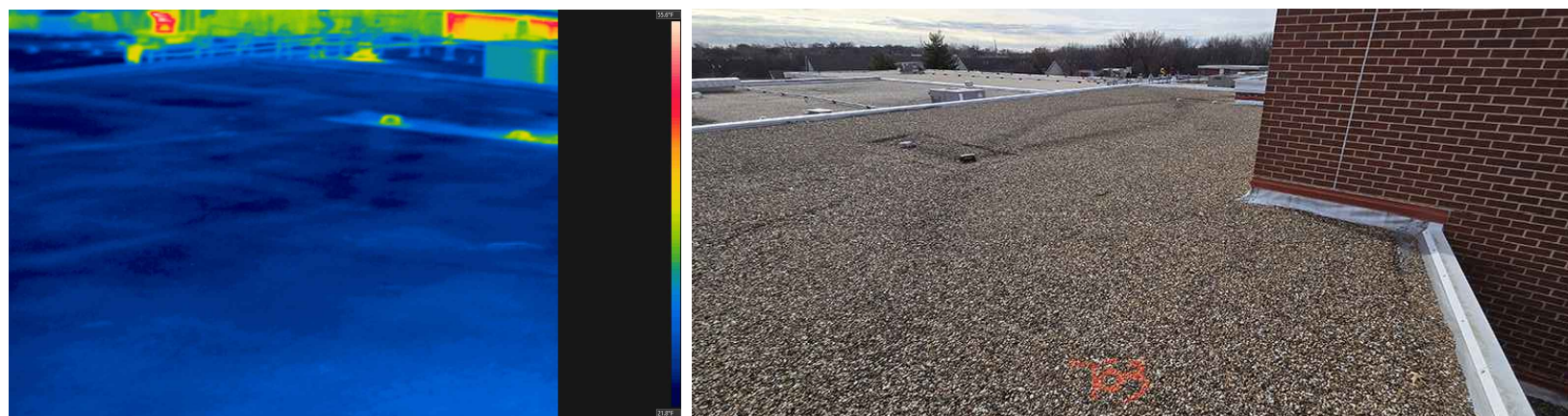
SHEET NO.:
E



Thermogram T-01



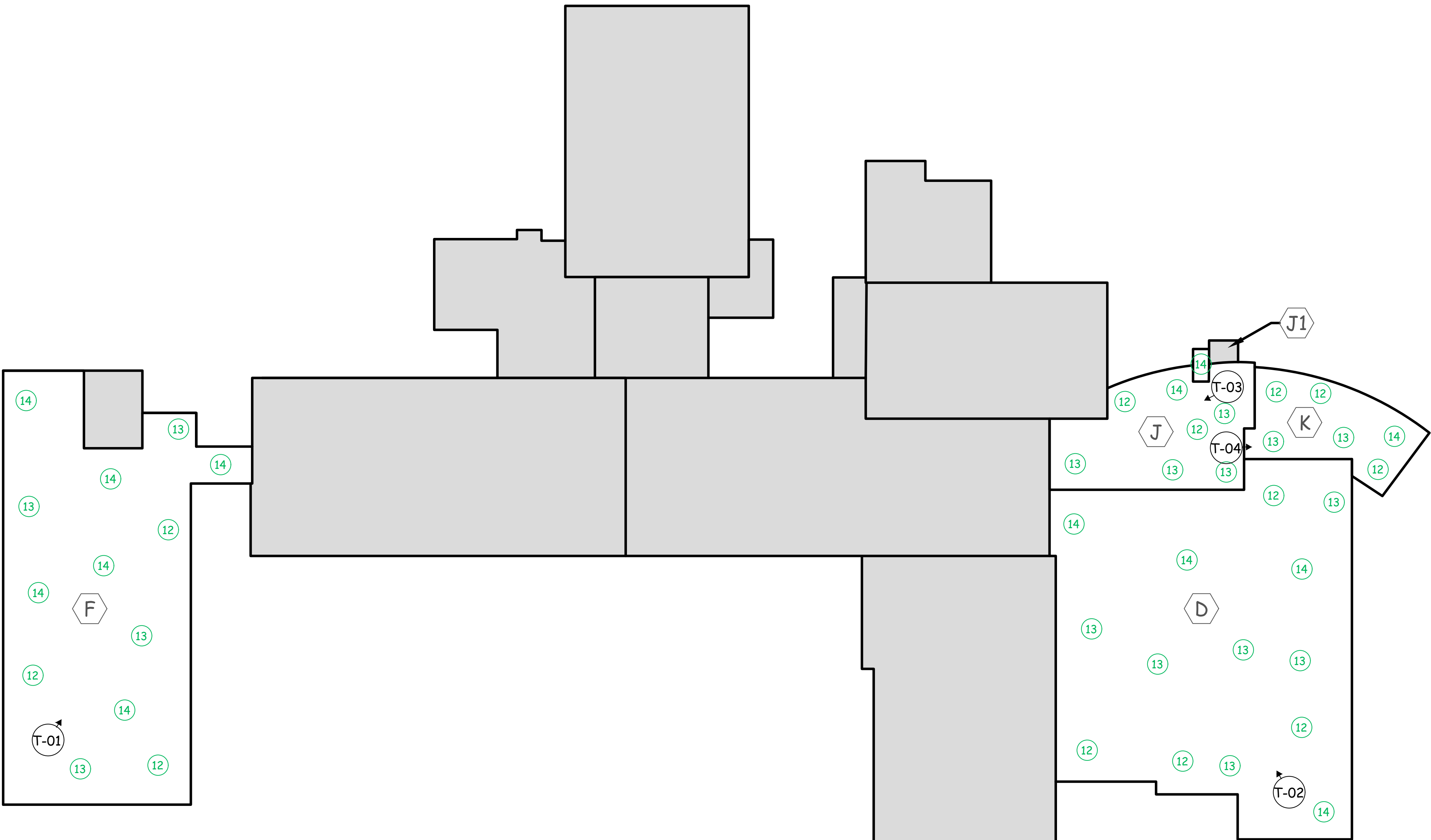
Thermogram T-02



Thermogram T-03



Thermogram T-04



ROOF SECTION DATA			
ROOF SECT.	SIZE (S.F.)	WET (S.F.)	% WET
D	9,538	0	0.00%
E	7,456	0	0.00%
J	2,040	0	0.00%
K	1,302	0	0.00%
TOTALS	20,336	0	0.00%

N
ROOF PLAN
SCALE: NO SCALE

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AREA DESIGNATION

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WET CUT

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WET CUT

T-01

→ THERMOGRAM

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WET INSULATION

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WET INSULATION

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MOISTURE GRID

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MOISTURE GRID

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MOISTURE GRID

P-01

→ PHOTOGRAPH

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R.I.M. (RANDOM INTERMITTANT MOISTURE)

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R.I.M. (RANDOM INTERMITTANT MOISTURE)

#

MOISTURE READING

#

MOISTURE READING

#

MOISTURE READING

TREMCO

ROOFING & BUILDING MAINTENANCE

wti

PARK HILL SCHOOL DISTRICT

SOUTHEAST ELEMENTARY SCHOOL

5704 NW NORTHWOOD

KANSAS CITY, MO

PROJECT NO.:

DRAWN BY:

DATE:

-

C.R.C. / T.T.

12/29/24

SHEET NO.:

F

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