ADDENDUM

CSO
ARCHITECTURE · INTERIOR DESIGN

ADDENDUM NO: 01

PROJECT: BCSC Roofing Improvements for Clifty Creek Elementary

PROJECT NO: 2025094 DATE: 01/29/2026 BY: Josh Cannaday

This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. This Addendum includes:

Addendum Pages: ADD1-1 – ADD1-2

Attached Documents: Pre-Bid sign-in sheet, Pre-Bid Agenda, Specifications 00 42 01, 01 23 00, and 07 54 19

Attached Drawings: Cover, A001, AD100, A200

PART 0 - GENERAL INFORMATION

0.1 Pre-Bid sign-in sheet

A. Add per attached document

0.2 Pre-Bid Agenda

A. Add per attached document

PART 1 - BIDDING REQUIREMENTS

1.1 00 42 01 – BID FORM

A. All bidders shall include a manufacturer's roofing warranty meeting the requirements outlined in the Contract Documents for 07 54 19 Poly-Vinyl Chloride Roofing. Bids that do not include a compliant warranty, or that propose warranties with exclusions, limitations, or durations that do not meet the specified requirements will be considered non-responsive and will be rejected without further review.

1.2 01 23 00 – ALTERNATES

A. Revise alternate wording to clarify base bid and alternate 1 bid.

PART 2 - SPECIFICATIONS

2.1 07 54 19 – POLY-VINYL CHLORIDE ROOFING

A. Modify 2.01 PVC Membrane Roofing to reflect ASTM 4434, Type II and additional Type III information.

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PART 3 - DRAWINGS

3.1 COVER

A. Reissue Cover to include new sheet A001 to drawing set

3.2 SHEET A001 – PROPOSED SITE LOGISTICS PLAN

A. Add sheet to drawing set

3.3 SHEET AD100 – ROOF DEMOLITOIN PLAN

A. Revised demolition notes for clarity on plan

3.4 SHEET A200 – ROOF PLAN

A. Revised roof plan notes on plan for clarity

B. Revised General Roofing Note #10 to include "Provide treated blocking as required…"

C. Revised General Roofing Note #11 to remove wording of "see plumbing plans for location"

PART 4 - OTHER ITEMS

4.1 NOT USED

PART 5 - QUESTIONS AND ANSWERS

5.1 Q: Our Type III product meets the Type II ASTM D-4434 requirements required in the bid language. Can we bid that instead?

A. The wording of the alternate has been modified to allow for Type III products. Please see revisions to specifications 00 42 01, 01 23 00, and 07 54 19 for additional information and requirements.

5.2 Q: Would you approve a shop-built ladder?

A. Yes, a show-built ladder is acceptable. It must meet all standards of a pre-manufactured ladder, and the contractor is responsible for any delegated design requirements.

5.3 Q: The square footage does not appear to scale to the amount listed on the pre-bid meeting agenda. Can you confirm square footage?

A. The number listed on the pre-bid was inadvertently listed as +/- 46,470 square feet based on previous records from the Owner. The correct quantity is +/- **44,670** square feet.

END ADDENDUM #1

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MEETING SIGN-IN SHEET

DATE: 01/20/2026
MEETING LOCATION: Clifty Creek Elementary
PROJECT: Roofing Improvements - Clifty Creek ES
PROJECT NUMBER: 2025094.1

Participants Sign-In: (Please Print)

Name: Chris Huntington	Company: AAA Roofing				
Phone: 317 635 2928	Cell: 317 431 7747	Email: cjh@aaaroofingcompany.com			
Name: Dave Willoughby	Company: Southern Roofing inc.				
Phone: 812-343-0043	Cell:	Email: dwilloughby@southernroofinginc.com			
Name: Jason Bishop	Company: Quality Roofing				
Phone: 317-334-0601	Cell: 317-600-8843	Email: jasonbishop@myroofcare.com			
Name: DAN MIRER	Company: BTL SHEET METAL AND ROOFING				
Phone: 812.325.0479	Cell: 812.332.4309	Email: dmirer@tectaamerica.com			
Name: Brayden Farmer	Company: Titan Roofing, Inc				
Phone:	Cell: 419-605-8830	Email: bfarmer@titanroofing.com			
Name: JUSTIN BURDINE	Company: NU-TEC ROOFING				
Phone: 317-255-4464	Cell:	Email: JBURDINE@NUTECROOFING.COM			
Name: Joe Summers	Company: S.I.M				
Phone: 317-471-2481	Cell: Same	Email: summers.joe@us.sika.com			
Name: GRAYLAN CUNNINGHAM	Company: JOHNS MANVILLE				
Phone: 317-260-3194	Cell: —	Email: G.SCOTTCUNNINGHAM@GMAIL.COM			
Name:	Company:				
Phone:	Cell:	Email:			
Name:	Company:				
Phone:	Cell:	Email:			
Name:	Company:				
Phone:	Cell:	Email:			
Name:	Company:				
Phone:	Cell:	Email:			

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PRE-BID MEETING AGENDA

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ROOFING IMPROVEMENTS FOR CLIFTY CREEK ELEMENTARY SCHOOL
BARTHOLOMEW CONSOLODATED SCHOOL CORPORATION
January 20, 2026

1. Introductions
    a. Owner's Key Staff
        i. Brett Boezeman, BCSC Assistant Superintendent of Finance & Operations
        ii. Greg Ferguson, BCSC Manager of Projects
        iii. Patrick Mahaffey, Principal at Clifty Creek Elementary School
    b. Design Team
        i. ARCHITECT: CSO Architects, 317-848-7800
            1. Principal: Brad Krohn, bkrohn@csoinc.net
            2. Project Manager: Emily Newton, enewton@csoinc.net
            3. Project Architect: Josh Cannaday, jcannaday@csoinc.net
2. Project Scope and Schedule
    a. Project Address: 4625 East 50 North, Columbus, IN 47203
    b. Scope
        i. +/- 46,470 square feet of partial removal of the existing roofing system and replacement with a PVC roofing membrane.
    c. Allowances to be included within your bid:
        i. Owner's Contingency: $50,000.00
    d. Alternates
        1. Alternate No. 1 – PVC Membrane Manufacturer
    e. Schedule:
        i. See section 01 10 00 – SUMMARY. Start on or after May 25, 2026 once contracts are in place and substantially complete by August 1, 2026.
3. Bidding Documents available at Eastern Engineering
4. Bids
    a. Bid is a Single Prime Contract.
        i. **Bids are due 2:00 PM local time, Tuesday, February 03** at 1200 Central Avenue, Columbus, Indiana.
        ii. Clearly mark on your sealed bid envelope the project name along with your company name.
    b. Bid Submissions must include the following:
        i. Complete 00 42 00 - Bid Form. Provide two copies.
        ii. Completed and signed Form 96 "General Bid for Public Work". Provide one copy.
        iii. Completed State Board of Accounts Financial Statement. Provide one copy.
        iv. Completed Non-Discrimination Affidavit. Provide one copy.

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v. 5% bid bond. Provide one copy.

c. Post bid submissions within 24 hours of two lowest bidders

i. 00 43 33 – Schedule of Subcontractors, Manufacturers and Products to be submitted with 24 hours after notification by CSO.

d. Contracts for each project/bid package include the following:

i. 100% Bid Bonds and Performance Bonds

ii. Tax exempt (Indiana sales taxes)

5. Project Manual

a. All Contractors shall be required to utilize a web-based project management software.

b. Bidders must be in compliance with Indiana General Assembly's House Enrollment Act #1019. See specification sections 00 22 00 and 00 73 00.

6. Site Visits during Bidding Phase

a. To arrange site visits, contact Greg Ferguson, fergusong@bcsc.k12.in.us, phone: (812) 376-4475.

7. Questions

8. Tour

SECTION 00 42 01 - SUPPLEMENTARY BID FORM

FOR (PROJECTS): Roofing Improvements for Clifty Creek Elementary
4625 East 50 North
Columbus, Indiana 47203

TO (OWNER): Bartholomew Consolidated School Corporation
Administration Building
1200 Central Avenue
Columbus, Indiana 47201

BY (CONTRACTOR):

COMPANY NAME _____

ADDRESS _____

CONTACT PERSON _____

MOBILE PHONE _____

EMAIL _____

BID SUBMISSION CHECKLIST:

Each Bid shall contain the following documents for consideration as a complete bid:

- ☐ 00 41 00 Completed Form 96 (1 Copy)
- ☐ 00 42 01 Completed Bid Form(s) (2 Copies)
- ☐ 00 43 00 Bid Bond (1 Copy)
- ☐ 00 45 13 Financial statements (1 Copy)
- ☐ **07 54 19 Sample Warranty (1 Copy)**

Pursuant to notices given, the undersigned proposes to complete the Work of the Project according to Bidding Documents prepared by CSO Architects, Inc., 8831 Keystone Crossing, Indianapolis, Indiana, for the sum of

BASE BID: _____ $ _____
(amount in words)

ADDENDA:

The undersigned acknowledges receipt of the following Addenda and agrees that this proposal includes all items mentioned in such Addenda:

No. _____

ALLOWANCES:

The undersigned acknowledges that the base bid amount includes the following allowances:

Allowance (Owner's Contingency): $ _____

ALTERNATE BIDS:

The undersigned also proposes to furnish or to omit all labor and materials necessary to complete work as required by the "Alternate Bids", as provided for in the drawings and specifications as follows:

Alternate No. 1a – **PVC Roofing Manufacturer (Sika, Type III)**

_____ Add/Deduct $ _____

Alternate No. 1b – **PVC Roofing Manufacturer (Sika, Type II)**

_____ Add/Deduct $ _____

COMPLETION OF WORK:

The undersigned guarantees, if awarded the contract, to complete the work not later than date(s) established in Section 01 10 00 SUMMARY OF WORK. Please indicate that date or an alternate date on the line below.

Proposed Date of Completion: _____

BIDDER'S SIGNATURE:

IN TESTIMONY WHEREOF, the Bidder (an individual) has hereunto set his hand this

_____day of _____, 202__.

_____
(Individual)

IN TESTIMONY WHEREOF, the Bidder (a firm) have hereunto set their hands this

_____day of _____, 202__.

Firm Name:_____

By _____

By _____

IN TESTIMONY WHEREOF, the Bidder (a Corporation) has caused this proposal to be signed by its President and Secretary and affixed its corporate seal this

_____day of _____, 202__.

Name of Corporation:_____

President _____

Secretary _____

OATH AND AFFIRMATION:

I affirm under the penalties of perjury that the foregoing facts and information are true and correct to the best of my knowledge and belief.

Subscribed and sworn to before me by _____

this _____day of _____, 202__.

My Commission expires _____.

_____
Notary Public

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SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

A. Section includes administrative and procedural requirements for alternates.

1.03 DEFINITIONS

A. Alternate: An amount proposed by bidders and stated on the Bid Form for certain work defined in the bidding requirements that may be added to or deducted from the base bid amount if Owner decides to accept a corresponding change either in the amount of construction to be completed or in the products, materials, equipment, systems, or installation methods described in the Contract Documents.

1. Alternates described in this Section are part of the Work only if enumerated in the Agreement.
2. The cost or credit for each alternate is the net addition to or deduction from the Contract Sum to incorporate alternate into the Work. No other adjustments are made to the Contract Sum.

1.04 PROCEDURES

A. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.

1. Include as part of each alternate, miscellaneous devices, accessory objects, and similar items incidental to or required for a complete installation whether or not indicated as part of alternate.

B. Notification: Immediately following award of the Contract, notify each party involved, in writing, of the status of each alternate. Indicate if alternates have been accepted, rejected, or deferred for later consideration. Include a complete description of negotiated revisions to alternates.

C. Execute accepted alternates under the same conditions as other work of the Contract.

D. Schedule: A schedule of alternates is included at the end of this Section. Specification Sections referenced in schedule contain requirements for materials necessary to achieve the work described under each alternate.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.01 SCHEDULE OF ALTERNATES

A. Alternate No. 01 (Mandatory): PVC Membrane Manufacturer

1. Base Bid: Amount to provide and install ASTM D 4434 compliant, Type III PVC membrane as indicated on drawings by any listed approved manufacturer per specification 07 54 19, 2.01.A.

2. Alternate Bid 1a: Additional cost to provide product, Sika Type III polyvinyl-chloride (PVC) roofing system, per specification **(07 54 19, 2.01.A)** and as indicated in drawings, if NOT included in base bid price.

3. Alternate Bid 1b: Additional cost to provide product, Sika Type II polyvinyl-chloride (PVC) roofing system, per specification **(07 54 19, 2.01.B)** and as indicated in drawings, if NOT included in base bid price.

END OF SECTION

SECTION 07 54 19 - POLYVINYL-CHLORIDE (PVC) ROOFING

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.02 SUMMARY

A. Section Includes:

1. Adhered PVC membrane roofing system.
2. Cover board.
3. Roof insulation.
4. Rooftop rubber support system.

B. Contractor’s Options:

1. Roof insulation may be polyisocyanurate or extruded polystyrene.

a. Either insulation requires a cover board.
b. Extruded polystyrene requires substrate board.

C. Coordination: Coordinate with installation of photovoltaic array to maintain membrane roofing warranty.

1.03 DEFINITIONS

A. Roofing Terminology: See ASTM D 1079 and glossary in NRCA's "The NRCA Roofing and Waterproofing Manual" for definition of terms related to roofing work in this Section.

1.04 PERFORMANCE REQUIREMENTS

A. General Performance: Installed membrane roofing and base flashings shall withstand specified uplift pressures, thermally induced movement, and exposure to weather without failure due to defective manufacture, fabrication, installation, or other defects in construction. Membrane roofing and base flashings shall remain watertight.

B. Material Compatibility: Provide roofing materials that are compatible with one another under conditions of service and application required, as demonstrated by membrane roofing manufacturer based on testing and field experience.

C. Roofing System Design: Provide membrane roofing system that is identical to systems that have been successfully tested by a qualified testing and inspecting agency to resist uplift pressure calculated according to ASCE/SEI 7.

D. FM Approvals Listing: Provide membrane roofing, base flashings, and component materials that comply with requirements in FM Approvals 4450 and FM Approvals 4470 as part of a membrane roofing system, and that are listed in FM Approvals' "RoofNav" for Class 1 or noncombustible construction, as applicable. Identify materials with FM Approvals markings.

1. Fire/Windstorm Classification: Class 1A-90.
2. Hail Resistance: SH.

1.05 ACTION SUBMITTALS

A. Product Data: For each type of product indicated.

B. Shop Drawings: For roofing system. Include plans, elevations, sections, details, and attachments to other work.

1. Base flashings and membrane terminations.
2. Tapered insulation, including slopes.
3. Roof plan showing orientation of steel roof deck and orientation of membrane roofing and fastening spacings and patterns for mechanically fastened membrane roofing.
4. Insulation fastening patterns for corner, perimeter, and field-of-roof locations.

C. Samples for Verification: For the following products:

1. Sheet roofing, of color specified, including T-shaped side and end lap seam.
2. Roof insulation.

1.06 INFORMATIONAL SUBMITTALS

A. Qualification Data: For qualified Installer and manufacturer.

B. Installer Qualifications: A qualified firm that is approved, authorized, or licensed by roofing system manufacturer to install manufacturer's product and that is eligible to receive manufacturer's warranty.

C. Manufacturer Certificates: Signed by roofing manufacturer certifying that roofing system complies with requirements specified in "Performance Requirements" Article.

1. Submit evidence of compliance with performance requirements.

D. Product Test Reports: Based on evaluation of comprehensive tests performed by manufacturer and witnessed by a qualified testing agency, for components of membrane roofing system.

E. Research/Evaluation Reports: For components of membrane roofing system, from the ICC-ES.

F. Warranties: Sample of special warranties.

1.07 CLOSEOUT SUBMITTALS

A. Maintenance Data: For roofing system to include in maintenance manuals.

1.08 QUALITY ASSURANCE

A. Manufacturer Qualifications: A qualified manufacturer that is UL listed and FM Approvals approved for membrane roofing system identical to that used for this Project.

B. Installer Qualifications: A qualified firm that is approved, authorized, or licensed by membrane roofing system manufacturer to install manufacturer's product and that is eligible to receive manufacturer's special warranty.

C. Source Limitations: Obtain components including roof insulation for membrane roofing system from same manufacturer as membrane roofing or approved by membrane roofing manufacturer.

D. Exterior Fire-Test Exposure: ASTM E 108, Class A; for application and roof slopes indicated, as determined by testing identical membrane roofing materials by a qualified testing agency. Materials shall be identified with appropriate markings of applicable testing agency.

E. Fire-Resistance Ratings: Where indicated, provide fire-resistance-rated roof assemblies identical to those of assemblies tested for fire resistance per ASTM E 119 by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

F. Preinstallation Roofing Conference: Conduct conference at Project site.

1. Meet with Owner, Architect, Owner's insurer if applicable, testing and inspecting agency representative, roofing Installer, roofing system manufacturer's representative, deck Installer, and installers whose work interfaces with or affects roofing, including installers of roof accessories and roof-mounted equipment.
2. Review methods and procedures related to roofing installation, including manufacturer's written instructions.
3. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
4. Examine deck substrate conditions and finishes for compliance with requirements, including flatness and fastening.
5. Review structural loading limitations of roof deck during and after roofing.
6. Review base flashings, special roofing details, roof drainage, roof penetrations, equipment curbs, and condition of other construction that will affect roofing system.
7. Review governing regulations and requirements for insurance and certificates if applicable.
8. Review temporary protection requirements for roofing system during and after installation.
9. Review roof observation and repair procedures after roofing installation.

1.09 DELIVERY, STORAGE, AND HANDLING

A. Deliver roofing materials to Project site in original containers with seals unbroken and labeled with manufacturer's name, product brand name and type, date of manufacture, approval or listing agency markings, and directions for storing and mixing with other components.

B. Store liquid materials in their original undamaged containers in a clean, dry, protected location and within the temperature range required by roofing system manufacturer. Protect stored liquid material from direct sunlight.

1. Discard and legally dispose of liquid material that cannot be applied within its stated shelf life.

C. Protect roof insulation materials from physical damage and from deterioration by sunlight, moisture, soiling, and other sources. Store in a dry location. Comply with insulation manufacturer's written instructions for handling, storing, and protecting during installation.

D. Handle and store roofing materials and place equipment in a manner to avoid permanent deflection of deck.

1.10 PROJECT CONDITIONS

A. Weather Limitations: Proceed with installation only when existing and forecasted weather conditions permit roofing system to be installed according to manufacturer's written instructions and warranty requirements.

1.11 WARRANTY

A. Warranty: Manufacturer's standard or customized form, without monetary limitation, in which manufacturer agrees to repair or replace components of membrane roofing system that fail in materials or workmanship within specified warranty period.

1. Total systems warranty includes membrane roofing, base flashings, roof insulation, fasteners, cover boards, substrate board, roofing accessories, and other components of membrane roofing system.
2. Warranty Period: 20 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.01 PVC MEMBRANE ROOFING

A. PVC Sheet: ASTM D 4434, Type ~~II~~ **III**, fabric reinforced **and fabric-backed**.

1. Manufacturers:

a. Carlisle SynTec, Incorporated.
b. Duro-Last
c. Elevate
d. FiberTite
e. Johns Manville
f. Sika Sarnafil
g. Sika

2. Thickness: **45 mils (1.1 mm), minimum or 60 mils (1.5 mm) nominal.**
3. Exposed Face Color: **White or Gray**
4. Note: The roofing membrane shall be suitable for future photovoltaic panel installation, including mechanical attachment or ballast systems, without voiding the manufacturer’s warranty.

B. PVC Sheet: ASTM D 4434, Type II, Grade 1, glass fiber reinforced, felt-backed.

1. Product: Sika; Sarnafil G410.
2. Thickness: 60 mils (1.5 mm) minimum.
3. Exposed Face Color: Reflective gray, textured.
4. Reinforcing Material: Fiberglass.

a. Thickness over Scrim: 0.027 inch (27mil) average, minimum (monolithic top layer not including any lacquer coating thickness).

5. Note: The roofing membrane shall be suitable for future photovoltaic panel installation, including mechanical attachment or ballast systems, without voiding the manufacturer's warranty.

2.02 AUXILIARY MEMBRANE ROOFING MATERIALS

A. General: Auxiliary membrane roofing materials recommended by roofing system manufacturer for intended use, and compatible with membrane roofing.

1. Liquid-type auxiliary materials shall comply with VOC limits of authorities having jurisdiction.
2. Adhesives and sealants that are not on the exterior side of weather barrier shall comply with the following limits for VOC content when calculated according to 40 CFR 59, Subpart D (EPA Method 24):

a. Plastic Foam Adhesives: 50 g/L.
b. Gypsum Board and Panel Adhesives: 50 g/L.
c. Multipurpose Construction Adhesives: 70 g/L.
d. Fiberglass Adhesives: 80 g/L.
e. Single-Ply Roof Membrane Adhesives: 250 g/L.
f. Other Adhesives: 250 g/L.
g. PVC Welding Compounds: 510 g/L.
h. Adhesive Primer for Plastic: 650 g/L
i. Single-Ply Roof Membrane Sealants: 450 g/L.
j. Nonmembrane Roof Sealants: 300 g/L.
k. Sealant Primers for Nonporous Substrates: 250 g/L.
l. Sealant Primers for Porous Substrates: 775 g/L.

B. Sheet Flashing: Manufacturer's standard sheet flashing of same material, type, reinforcement, thickness, and color as PVC sheet membrane.

1. Refer to Division 07 Section "Sheet Metal Flashing and Trim" for metal reglets and counterflashings.

C. Bonding Adhesive: Manufacturer's standard.

D. Slip Sheet: Manufacturer's standard, of thickness required for application.

E. Water Cutoff Mastic: Manufacturer's standard butyl mastic sealant.

F. Metal Termination Bars: Manufacturer's standard, predrilled stainless-steel or aluminum bars, approximately 1 by 1/8 inch (25 by 3 mm) thick; with anchors.

G. Metal Battens: Manufacturer's standard, aluminum-zinc-alloy-coated or zinc-coated steel sheet, approximately 1 inch wide by 0.05 inch (25 mm wide by 1.3 mm) thick, prepunched.

H. Fasteners: Factory-coated steel fasteners and metal or plastic plates complying with corrosion-resistance provisions in FM Approvals 4470, designed for fastening membrane to substrate, and acceptable to membrane roofing system manufacturer.

I. Miscellaneous Accessories: Provide pourable sealers, preformed cone and vent sheet flashings, preformed inside and outside corner sheet flashings, T-joint covers, lap sealants, termination reglets, and other accessories.

2.03 SUBSTRATE BOARDS

A. Substrate Board: ASTM C 1177/C 1177M, glass-mat, water-resistant gypsum substrate, Type X, 5/8 inch (16 mm) thick.

1. Products: Subject to compliance with requirements, provide one of the following:

a. Georgia-Pacific Corporation; Dens Deck.

B. Fasteners: Factory-coated steel fasteners and metal or plastic plates complying with corrosion-resistance provisions in FM Approvals 4470, designed for fastening substrate board to roof deck.

2.04 ROOF INSULATION

A. General: Preformed roof insulation boards manufactured or approved by PVC membrane roofing manufacturer, selected from manufacturer's standard sizes suitable for application, of thicknesses indicated and that produce FM Approvals-approved roof insulation.

B. Contractor’s Option: Extruded-Polystyrene Board Insulation: ASTM C578, Type IV, 1.45-lb/cu. ft. minimum density, square edged.

1. Acceptable Manufacturers:

a. DuPont.
b. Kingspan Insulation LLC.
c. Owens Corning.

C. Polyisocyanurate Board Insulation: ASTM C 1289, Type II, Class 2, Grade 2, glass-fiber mat facer on both major surfaces.

1. Aged R-value shall be as designated at mean temperatures indicated and as follows: R 5.6 at 75 deg F for 1 inch thick insulation board.
2. Surface Burning Characteristics: Maximum flame spread of 75.
3. Compressive Strength: 20 psi per ASTM D 1621-94 Test Method for Compressive Properties of Rigid Cellular Plastics.
4. Dimensional Stability: Less than 2.0 percent change in length, width and thickness per ASTM D 2126-94 Test Method for Response of Rigid Cellular Plastics to Thermal and Humid Aging.
5. Acceptable Manufacturers:

a. Carlisle Syntec Systems.
b. Elevate; Holcim Building Envelope.
c. GAF.

D. Tapered Insulation: Provide factory-tapered insulation boards fabricated to slope of 1/4 inch per 12 inches (1:48) unless otherwise indicated.

E. Provide preformed saddles, crickets, tapered edge strips, and other insulation shapes where indicated for sloping to drain. Fabricate to slopes indicated.

2.05 INSULATION ACCESSORIES

A. General: Furnish roof insulation accessories recommended by insulation manufacturer for intended use and compatibility with membrane roofing.

B. Fasteners: Factory-coated steel fasteners and metal or plastic plates complying with corrosion-resistance provisions in FM Approvals 4470, designed for fastening roof insulation and cover boards to substrate, and acceptable to roofing system manufacturer.

C. Full-Spread Applied Insulation Adhesive: Insulation manufacturer's recommended spray-applied, low-rise, two-component urethane adhesive formulated to attach roof insulation to substrate or to another insulation layer.

D. Cover Board: Provide one of the following:

1. ASTM C 1177/C 1177M, glass-mat, water-resistant gypsum substrate, 1/4 inch (6 mm) thick.

a. Products: Subject to compliance with requirements, provide one of the following:
b. CertainTeed Corporation; GlasRoc Sheathing Type X.
c. Georgia-Pacific Corporation; Dens Deck Prime.
d. National Gypsum Company; Gold Bond eXP Extended Exposure Sheathing.
e. USG Corporation; Securock Glass Mat Roof Board.

2. High density, closed-cell polyisocyanure foam core cover board. ½-inch thick. HCFC-free blowing agent. R-value: 2.5. Factory Mutual Global, severe rating.

a. Elevate; Holcim Building Envelope; Isogard HD Cover Board.
b. GAF EnergyGuard High-Density ISO Cover Board.
c. Hunter Panels, H-Shield HD.
d. Carlisle Syntec Systems, SecurShield HD Plus Polyiso.

2.06 ROOFTOP RUPPER SUPPORT SYSTEM

A. General: Furnish rooftop rubber support system for mounting conduit to protect membrane roofing.

B. Provide the following or similar: Rubberform; rubber roof blocks.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine substrates, areas, and conditions, with Installer present, for compliance with the following requirements and other conditions affecting performance of roofing system:

1. Verify that roof openings and penetrations are in place and curbs are set and braced and that roof drain bodies are securely clamped in place.
2. Verify that wood blocking, curbs, and nailers are securely anchored to roof deck at penetrations and terminations and that nailers match thicknesses of insulation.
3. Verify that surface plane flatness and fastening of steel roof deck complies with requirements in Division 05 Section "Steel Decking."

4. Verify that minimum concrete drying period recommended by roofing system manufacturer has passed.
5. Verify that concrete substrate is visibly dry and free of moisture. Test for capillary moisture by plastic sheet method according to ASTM D 4263.
6. Verify that concrete curing compounds that will impair adhesion of roofing components to roof deck have been removed.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 PREPARATION

A. Clean substrate of dust, debris, moisture, and other substances detrimental to roofing installation according to roofing system manufacturer's written instructions. Remove sharp projections.

B. Prevent materials from entering and clogging roof drains and conductors and from spilling or migrating onto surfaces of other construction. Remove roof-drain plugs when no work is taking place or when rain is forecast.

C. Complete terminations and base flashings and provide temporary seals to prevent water from entering completed sections of roofing system at the end of the workday or when rain is forecast. Remove and discard temporary seals before beginning work on adjoining roofing.

3.03 SUBSTRATE BOARD

A. Install substrate board with long joints in continuous straight lines, perpendicular to roof slopes with end joints staggered between rows. Tightly butt substrate boards together.

1. Fasten substrate board to top flanges of steel deck according to recommendations in FM Approvals' "RoofNav" and FM Global Loss Prevention Data Sheet 1-29 for specified Windstorm Resistance Classification.
2. Fasten substrate board to top flanges of steel deck to resist uplift pressure at corners, perimeter, and field of roof according to membrane roofing system manufacturers' written instructions.

3.04 INSULATION INSTALLATION

A. Coordinate installing membrane roofing system components so insulation is not exposed to precipitation or left exposed at the end of the workday.

B. Comply with membrane roofing system and insulation manufacturer's written instructions for installing roof insulation.

C. Install tapered insulation under area of roofing to conform to slopes indicated.

D. Install insulation under area of roofing to achieve required thickness. Where overall insulation thickness is 2.7 inches (68 mm) or greater, install two or more layers with joints of each succeeding layer staggered from joints of previous layer a minimum of 6 inches (150 mm) in each direction.

E. Trim surface of insulation where necessary at roof drains so completed surface is flush and does not restrict flow of water.

F. Install insulation with long joints of insulation in a continuous straight line with end joints staggered between rows, abutting edges and ends between boards. Fill gaps exceeding 1/4 inch (6 mm) with insulation.

1. Cut and fit insulation within 1/4 inch (6 mm) of nailers, projections, and penetrations.

G. Mechanically Fastened Insulation: Install insulation to deck using mechanical fasteners specifically designed and sized for fastening specified board-type roof insulation to deck type.

1. Locate end joints over crests of decking.
2. Fasten insulation according to requirements in FM Approvals' "RoofNav" for specified Windstorm Resistance Classification.
3. Fasten insulation to resist uplift pressure at corners, perimeter, and field of roof.
4. Make joints between adjacent insulation boards not more than 1/4 inch (6 mm) in width.
5. At internal roof drains, slope insulation to create a square drain sump with each side equal to the diameter of the drain bowl plus 24 inches (610 mm).
6. Trim insulation so that water flow is unrestricted.
7. Fill gaps exceeding 1/4 inch (6 mm) with insulation.
8. Insulation can be installed with a common fastener.

H. Adhere cover boards over insulation with full spread adhesive with long joints in continuous straight lines with end joints staggered between rows. Offset joints of insulation below a minimum of 6 inches (150 mm) in each direction.

3.05 ADHERED MEMBRANE ROOFING INSTALLATION

A. Adhere membrane roofing over area to receive roofing and install according to membrane roofing system manufacturer's written instructions.

1. Install sheet according to ASTM D 5036.

B. Start installation of membrane roofing in presence of membrane roofing system manufacturer's technical personnel.

C. Accurately align membrane roofing and maintain uniform side and end laps of minimum dimensions required by manufacturer. Stagger end laps.

D. Bonding Adhesive: Apply to substrate and underside of membrane roofing at rate required by manufacturer and allow to partially dry before installing membrane roofing. Do not apply to splice area of membrane roofing.

E. In addition to adhering, mechanically fasten membrane roofing securely at terminations, penetrations, and perimeter of roofing.

F. Apply membrane roofing with side laps shingled with slope of roof deck where possible.

G. Seams: Clean seam areas, overlap membrane roofing, and hot-air weld side and end laps of membrane roofing and sheet flashings according to manufacturer's written instructions to ensure a watertight seam installation.

1. Test lap edges with probe to verify seam weld continuity. Apply lap sealant to seal cut edges of sheet membrane.
2. Verify field strength of seams a minimum of twice daily and repair seam sample areas.
3. Repair tears, voids, and lapped seams in roofing that does not comply with requirements.

H. Spread sealant bed over deck drain flange at roof drains and securely seal membrane roofing in place with clamping ring.

3.06 BASE FLASHING INSTALLATION

A. Install sheet flashings and preformed flashing accessories and adhere to substrates according to membrane roofing system manufacturer's written instructions.

B. Apply bonding adhesive to substrate and underside of sheet flashing at required rate and allow to partially dry. Do not apply to seam area of flashing.

C. Flash penetrations and field-formed inside and outside corners with cured or uncured sheet flashing.

D. Clean seam areas, overlap, and firmly roll sheet flashings into the adhesive. Hot-air weld side and end laps to ensure a watertight seam installation.

E. Terminate and seal top of sheet flashings and mechanically anchor to substrate through termination bars.

3.07 FIELD QUALITY CONTROL

A. Testing Agency: Engage a qualified testing agency to perform tests and inspections.

B. Final Roof Inspection: Arrange for roofing system manufacturer's technical personnel to inspect roofing installation on completion.

C. Repair or remove and replace components of membrane roofing system where inspections indicate that they do not comply with specified requirements.

D. Additional inspections, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.

3.08 PROTECTING AND CLEANING

A. Protect membrane roofing system from damage and wear during remainder of construction period. When remaining construction will not affect or endanger roofing, inspect roofing for deterioration and damage, describing its nature and extent in a written report, with copies to Architect and Owner.

B. Correct deficiencies in or remove membrane roofing system that does not comply with requirements; repair substrates; and repair or reinstall membrane roofing system to a condition free of damage and deterioration at time of Substantial Completion and according to warranty requirements.

C. Clean overspray and spillage from adjacent construction using cleaning agents and procedures recommended by manufacturer of affected construction.

END OF SECTION

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BARTHOLOMEW CONSOLIDATED
SCHOOL CORPORATION

ROOFING IMPROVEMENTS FOR CLIFTY CREEK ELEMENTARY

4625 E 50 N
COLUMBUS, IN 47203

CONSTRUCTION DOCUMENTS JANUARY 12, 2026

SHEET INDEX

ARCHITECTURAL

ARCHITECT

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PROJECT:
BARTHOLOMEW CONSOLIDATED
SCHOOL CORPORATION
ROOFING IMPROVEMENTS FOR CLIFTY CREEK
ELEMENTARY
4625 E 50 N
COLUMBUS, IN 47203

SCOPE DRAWINGS:

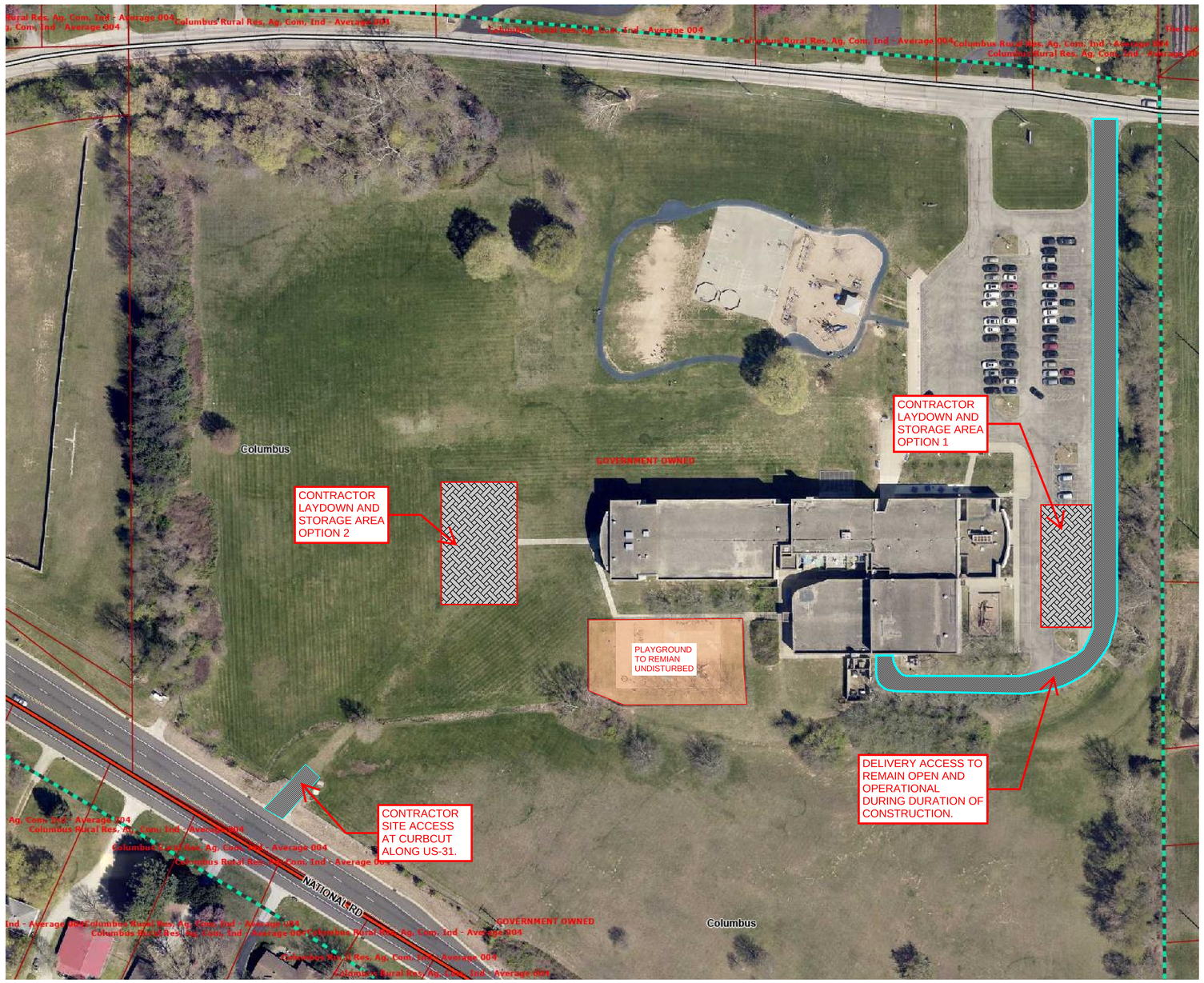
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The specifications and contract documents describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

JANUARY 12, 2026
CONSTRUCTION DOCUMENTS

2025094



CLIFTY CREEK SITE AERIAL VIEW

NOT TO SCALE

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PROJECT:
BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION

ROOFING IMPROVEMENTS FOR CLIFTY CREEK ELEMENTARY

4625 E 50 N
COLUMBUS, IN 47203

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #1	01/28/2026

ISSUE DATE	DRAWN BY	CHECKED BY
01/26/26	JNC	ECN

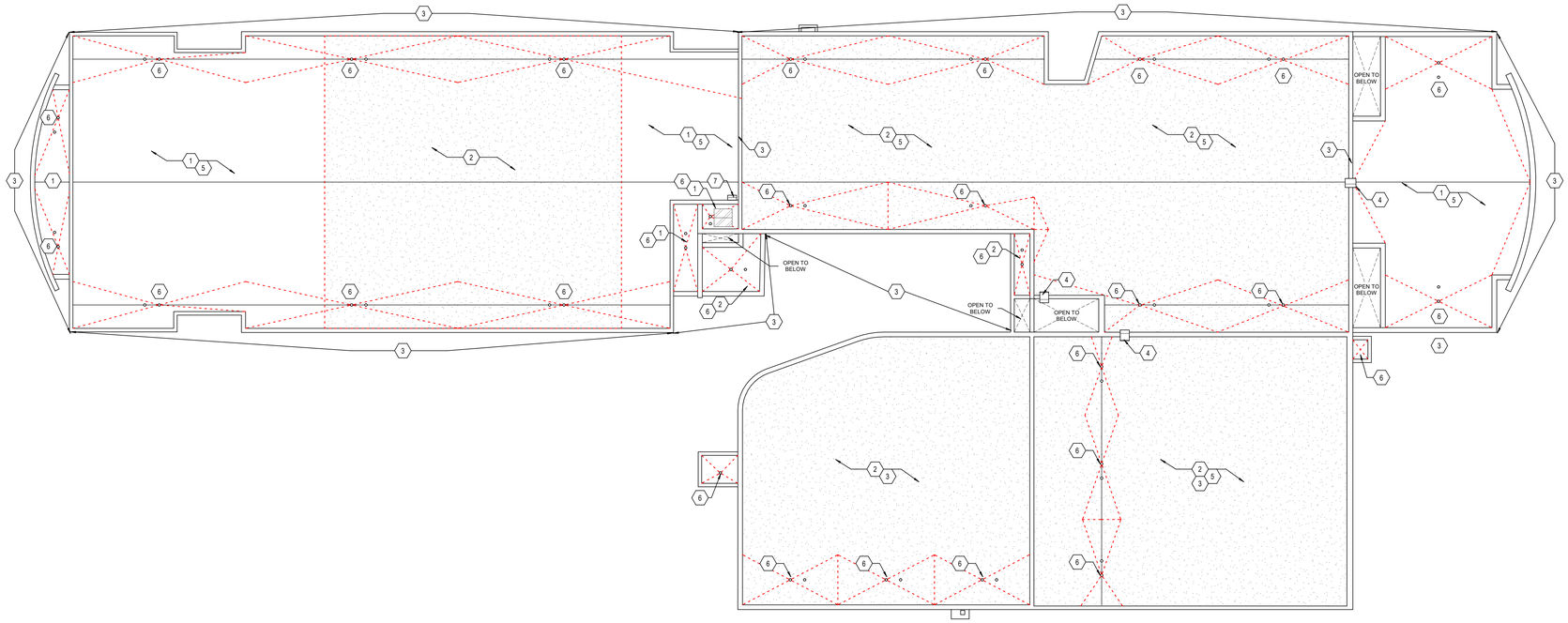
DRAWING TITLE:
PROPOSED SITE LOGISTICS PLAN

CERTIFIED BY:

JAMES R. FUNK
REGISTERED
AR09800003
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A001

PROJECT NUMBER
2025094



1 AD100 ROOF PLAN - DEMO
SCALE: 1/16" = 1'-0"

NORTH

GENERAL DEMOLITION NOTES

A. HEAVY DASHED LINES INDICATE STRUCTURE, WALLS AND ITEMS TO BE DEMOLISHED UNLESS NOTED OTHERWISE.
B. SOLID LINES INDICATE STRUCTURE, WALLS, & ITEMS TO REMAIN, UNLESS NOTED OTHERWISE.
C. PROTECT ALL FINISHES, EQUIPMENT & OTHER ITEMS TO REMAIN. WHERE DAMAGE OCCURS, PATCH AND REPAIR OR OTHERWISE RESTORE TO ITS ORIGINAL CONDITION OR REPLACE.
D. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION AND RELATED CONDITIONS PRIOR TO STARTUP OF DEMOLITION OR NEW CONSTRUCTION.
E. COORDINATE EXTENTS AND EXACT DIMENSIONS WITH EXTENTS AND EXACT DIMENSIONS OF NEW WORK.
F. ANY AND ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND OWNER.
G. REMOVE ANY ITEMS NOT SPECIFICALLY IDENTIFIED TO BE REMOVED WHICH MUST OBVIOUSLY BE DEMOLISHED TO ACCOMMODATE NEW WORK. VERIFY WITH ARCHITECT.
H. ALL OPENINGS, VOIDS, OR DAMAGED SURFACES LEFT BY THE REMOVAL OF EXISTING CONSTRUCTION, EQUIPMENT, PIPING, DUCTS, WINDOWS, ETC., SHALL BE PATCHED & REPAIRED TO MATCH SURROUNDING WORK. PREPARE TO RECEIVE NEW FINISHES AS REQUIRED.
I. SEE SPECIFICATIONS FOR ASSIGNMENT OF RESPONSIBILITIES PERTAINING TO PATCHING AND REPAIR WORK REQUIRED OF EACH TRADE.
J. DEMOLITION WORK TO BE COMPLETED BY MECHANICAL/PLUMBING, ELECTRICAL TRADES IS SHOWN ON OTHER SHEETS IN THIS SET OF CONTRACT DOCUMENTS. THIS CONTRACTOR SHALL REVIEW THE DEMOLITION WORK OF OTHER TRADES TO DETERMINE WHERE SUCH WORK COULD AFFECT HIS WORK AND SHALL COORDINATE HIS WORK WITH THE WORK OF ALL OTHER TRADES.

(#) DEMOLITION NOTES

1 REMOVE EXISTING EPDM ROOFING MEMBRANE AND RELATED ITEMS COMPLETELY. THIS INCLUDES LOOSE ROCK, MEMBRANE AND ANY AREAS OF WET INSULATION. RIGID INSULATION BOARD AND STEEL DECKING TO REMAIN.
2 REMOVE EXISTING BALLASTED EPDM ROOFING MATERIALS AND RELATED ITEMS COMPLETELY. THIS INCLUDES LOOSE ROCK, MEMBRANE, PERLITE INSULATION, AND ANY AREAS OF WET INSULATION. RIGID INSULATION BOARD AND STEEL DECKING TO REMAIN.
3 REMOVE EXISTING SEALANT FROM JOINTS AT STONE COPING. CLEAN AND PREPARE SURFACE FOR NEW WORK. TYPICAL ALL LOCATIONS
4 REMOVE EXISTING LOOSE AND PEELING PAINT FROM ROOF LADDER. PREPARE LADDER FOR NEW PAINT.
5 EXISTING MECHANICAL EQUIPMENT TO REMAIN. REWORK ROOF CURBS AS REQUIRED FOR NEW ROOFING MATERIALS. V.I.F. ALL LOCATIONS OF EQUIPMENT
6 ROOF DRAIN TO REMAIN IN PLACE
7 REMOVE EXISTING WALL MOUNTED ROOF LADDER. PREPARE WALL SURFACE TO RECEIVE NEW CONSTRUCTION.

EXISTING ROOF TYPES SCHEDULE

LEGEND	DESCRIPTION
	AREA INDICATES BALLASTED EPDM ROOF WITH PERLITE INSULATION. V.I.F. EXTENTS OF PERLITE INSULATION FOR REMOVAL.

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PROJECT:
BARTHOLOMEW CONSOLIDATED SCHOOL CORPORATION
ROOFING IMPROVEMENTS FOR CLIFTY CREEK ELEMENTARY
4625 E 50 N
COLUMBUS, IN 47203

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for full completion of the project in accordance with the intent of the design.
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:
1 ADDENDUM #1 01/28/2026

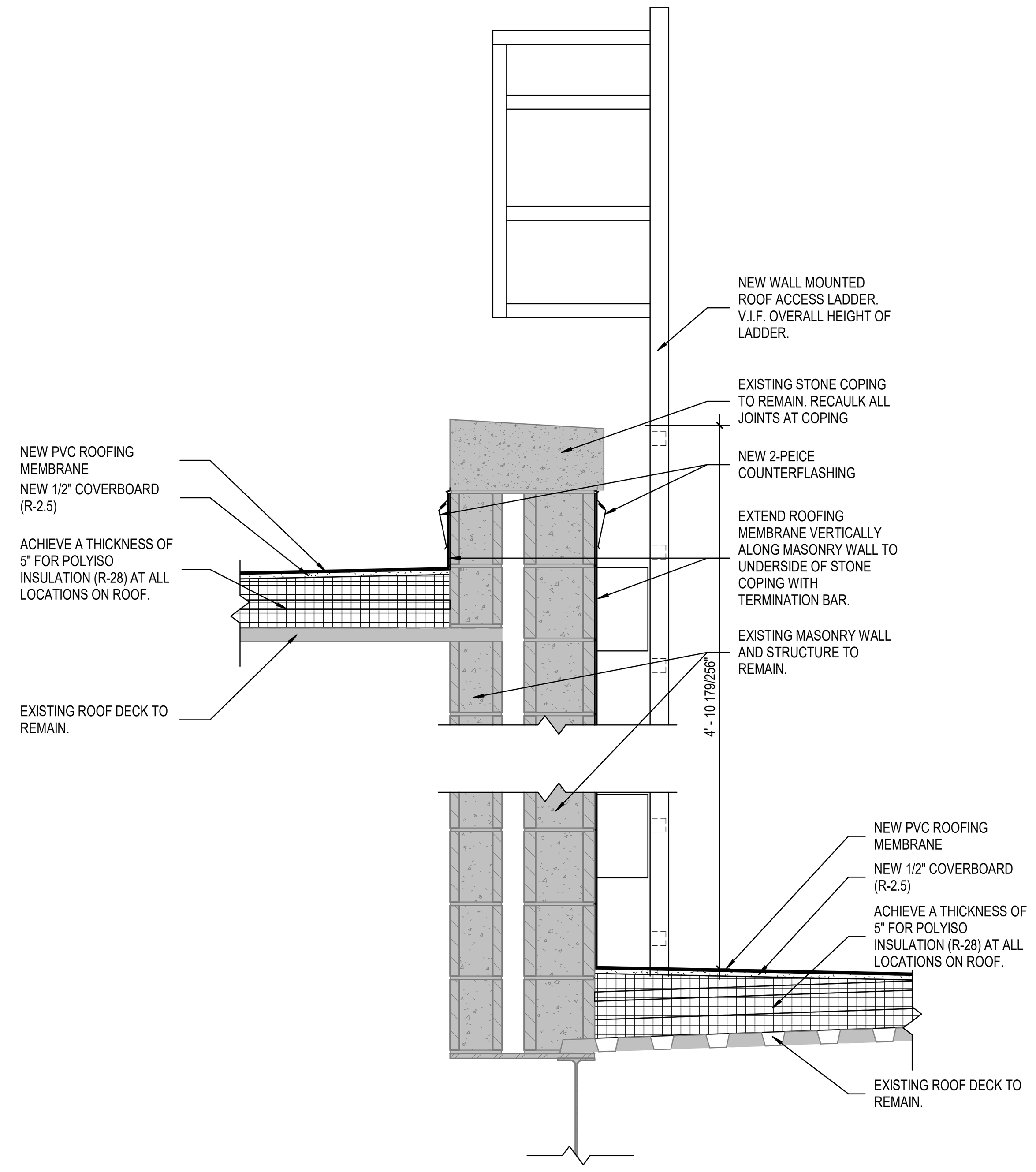
ISSUE DATE	DRAWN BY	CHECKED BY
01/12/2025	JNC	ECN

DRAWING TITLE:
ROOF DEMOLITION PLAN

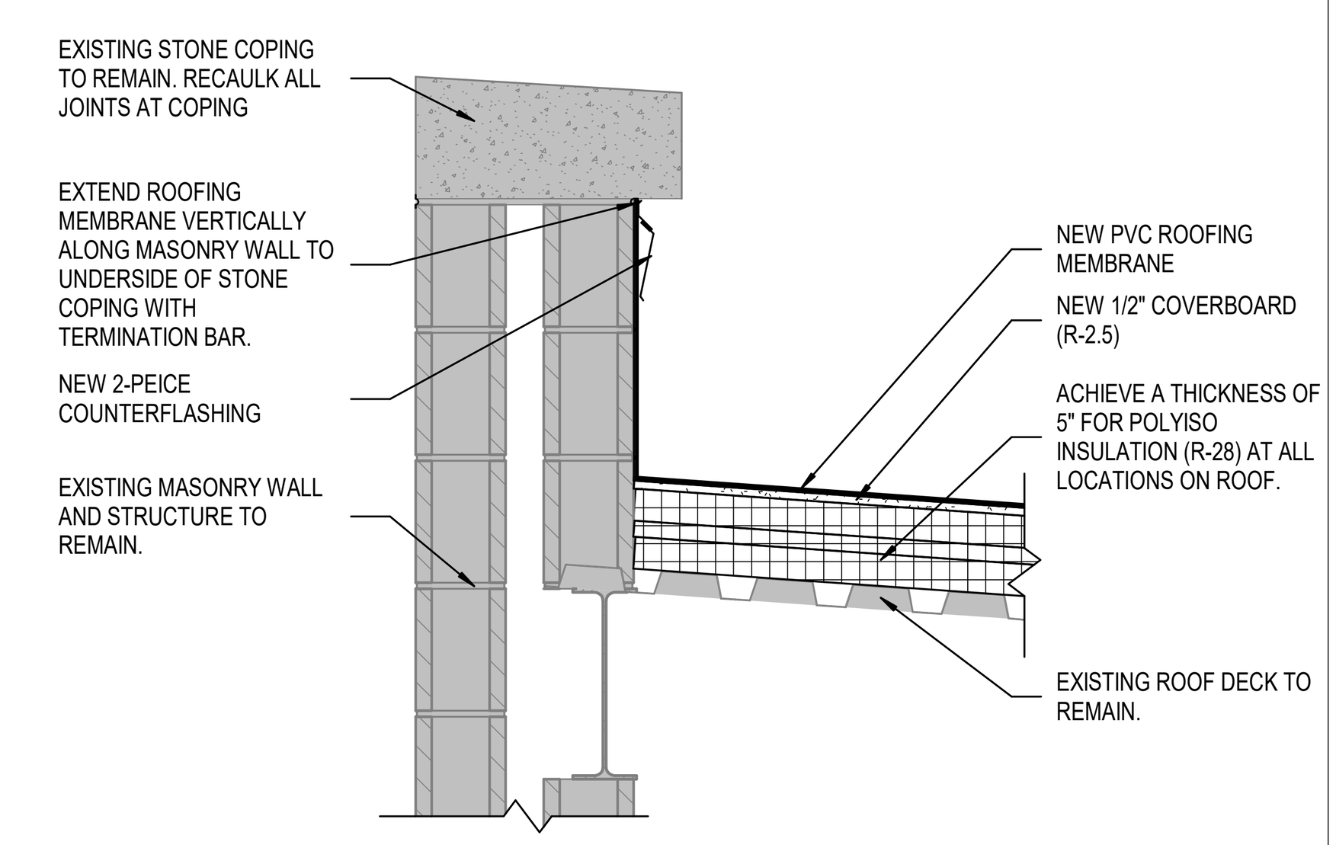
CERTIFIED BY:
JAMES R. FINK REGISTERED AR0900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
AD100

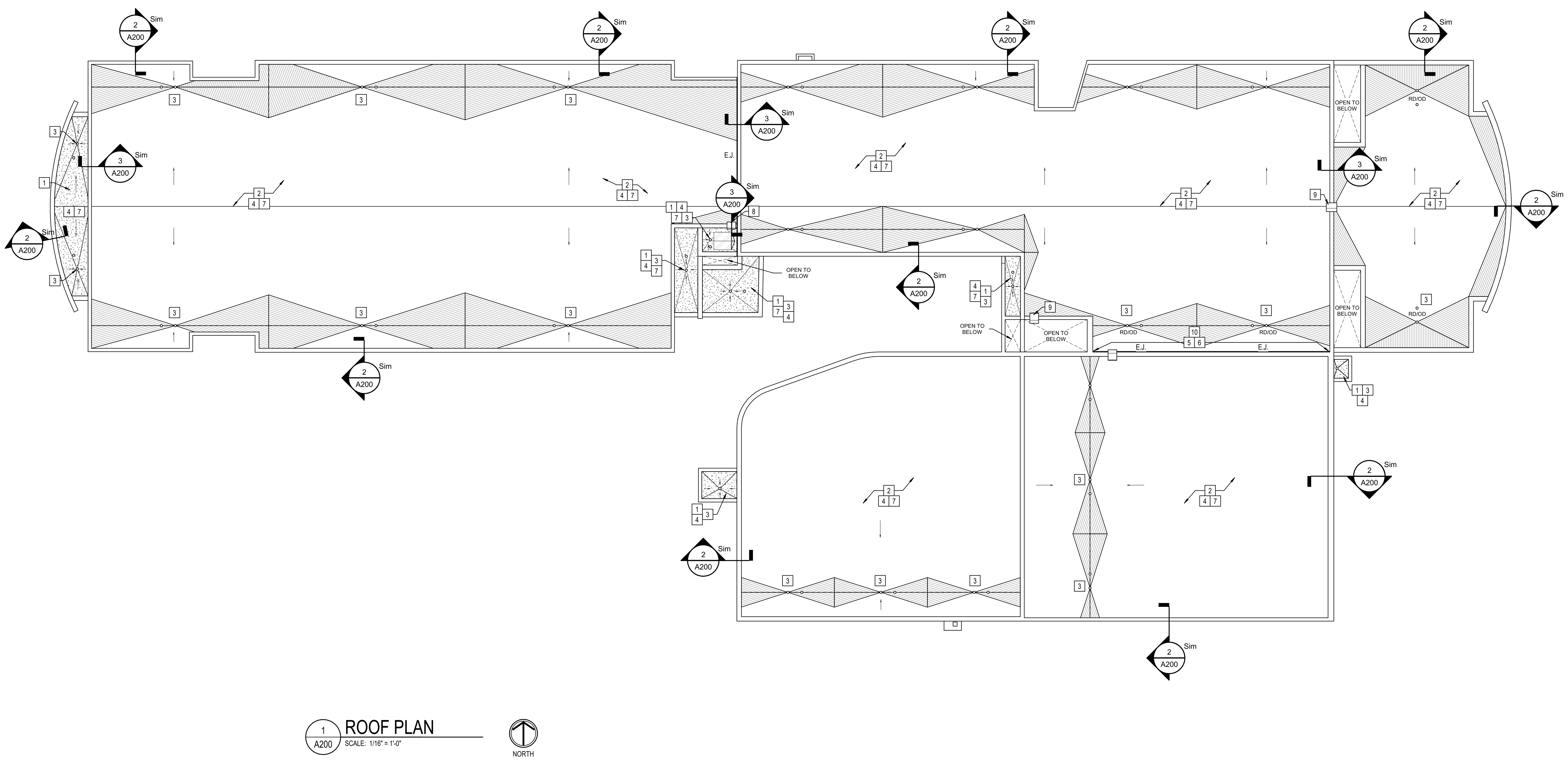
PROJECT NUMBER
2025094



3 / A200 **ROOF LADDER DETAIL**
SCALE: 1" = 1'-0"



2 / A200 **TYP. COPING DETAIL**
SCALE: 1" = 1'-0"



1 / A200 **ROOF PLAN**
SCALE: 1/16" = 1'-0"

ROOF ABBREVIATIONS

EJ	EXPANSION JOINT
RD/OD	ROOF DRAIN/OVERFLOW DRAIN

GENERAL ROOF NOTES

1. ALL WORK SHALL BE IN ACCORDANCE WITH THE BEST QUALITY STANDARDS OF THE TRADE, AND SHALL CONFORM WITH THE LATEST EDITION OF ALL FEDERAL, STATE, AND LOCAL CODES AND STANDARDS. THE SAME ARE MADE A PART OF THESE CONTRACT DOCUMENTS, AS IF REPEATED HEREIN.
2. CONTRACT DOCUMENTS CONSIST OF BOTH THE PROJECT MANUAL AND DRAWINGS, AND BOTH ARE INTENDED TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
3. CONSTRUCTION DOCUMENTS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE, HOWEVER, SYSTEMS HAVE BEEN SHOWN DIAGRAMMATICALLY AND IN SOME CASES, ENLARGED FOR CLARITY. PROVIDE ADDITIONAL ITEMS AS REQUIRED TO PROVIDE A COMPLETE AND COORDINATED SYSTEM.
4. CONTRACTOR SHALL PROVIDE ANY AND ALL TEMPORARY UTILITY SERVICE REQUIRED TO CONSTRUCT THE WORK. CONTRACTOR MAY EXTEND SERVICES FROM EXISTING LOCATIONS TO WHERE THEY ARE REQUIRED. REMOVE TEMPORARY UTILITIES AND RELATED EXTENSIONS AS SOON AS PRACTICABLE. RESTORE ALL AFFECTED AREAS TO ORIGINAL CONDITION.
5. CONTRACTOR SHALL REMOVE CONSTRUCTION DEBRIS FROM THE BUILDING AND ROOF DAILY.
6. STORE VOLATILE OR FLAMMABLE LIQUIDS IN UL LISTED FIRE CABINETS.
7. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL STORED MATERIALS AND EQUIPMENT INSIDE OR OUTSIDE THE BUILDING.
8. CONTRACTOR SHALL FURNISH NECESSARY TEMPORARY PROTECTION FROM WEATHER TO PROTECT INTERIOR OF BUILDING FROM ELEMENTS OF WEATHER AT ALL TIMES.
9. CONTRACTOR RESPONSIBLE FOR TRAFFIC PROTECTION DURING CONSTRUCTION. AREAS OF WORK SUBJECTED TO TRAFFIC BY VARIOUS TRADES SHALL BE PROTECTED BY TEMPORARY WALK PADS.
10. PROVIDE TREATED WOOD BLOCKING AS REQUIRED, THAT IS EQUAL IN THICKNESS TO INSULATION SYSTEM AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS. ANCHOR PER SECTION I-49 OF THE FM GLOBAL LOSS PREVENTION GUIDE.
11. EXTEND ALL PLUMBING VENTS TO PROVIDE A MIN. OF 12" OF HEIGHT FROM TOP OF INSULATION. ALL FITTINGS TO BE AIR AND WATER TIGHT.
12. ROOF INSULATION SADDLES AND CRICKETS ARE DIAGRAMMATIC. ROOF INSULATION MANUFACTURER SHALL DESIGN AND SIZE THESE PER THE ROOF MEMBRANE MANUFACTURERS RECOMMENDATIONS. CRICKETS AND SADDLES SHOULD HAVE A MINIMUM OF TWO TIMES THE SLOPE OF THE PRIMARY TAPERED SYSTEM OR STRUCTURAL SLOPE. THE RATIO OF A CRICKET'S WIDTH TO LENGTH SHOULD BE NO LESS THAN 1 TO 3.
13. PROVIDE SADDLES/CRICKETS AROUND ALL NEW ROOF TOP EQUIPMENT.
14. PROVIDE TAPERED INSULATION WHERE REQUIRED TO TRANSITION FROM ONE INSULATION HEIGHT TO ANOTHER.
15. NOTCH ALL INSULATION AS REQUIRED TO ACCOMMODATE SURFACE MOUNTED CONDUIT, FASTENERS, OFFSETS AND OTHER PROJECTIONS EXTENDING ABOVE THE SURFACE OF THE DECK.
16. PERIMETER EDGE METAL TO COMPLY WITH ANSI/SPRI ES-1 FM GLOBAL 1-49.
17. VERIFY EXISTING ROOF CURB HEIGHTS. IF CURB HEIGHT DOES NOT MEET CODE OR MANUFACTURER REQUIREMENTS, PROVIDE AND INSTALL NEW CURBS FOR ADEQUATE HEIGHT.
18. INSPECT ALL WOOD BLOCKING SCHEDULED TO REMAIN. NOTIFY ARCHITECT OF ANY DETERIORATED BLOCKING NEEDING REPLACEMENT. CONTRACTOR TO REPLACE AND DAMAGED BLOCKING ON A TIME AND MATERIAL BASIS, SEE SPECIFICATIONS.
19. ALL ROOF DETAIL DRAWINGS CONTAINED IN THIS SET ARE DIAGRAMMATIC. ADJUST ROOF DETAILS BASED ON SPECIFIC ROOFING SYSTEM SELECTED ACCORDING TO MANUFACTURER'S WRITTEN SPECIFICATIONS AND APPROVED DETAIL DRAWINGS. ALL ASSEMBLY COMPLICATIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
20. THE ROOF CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, GUTTERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING CONSTRUCTION. THE ROOF CONTRACTOR SHALL CLEAR ALL DRAINS, GUTTERS AND DOWNSPOUTS PRIOR TO COMPLETION OF WORK AND TO ENSURE THAT THEY ARE FREE OF DEBRIS AND FUNCTIONING PROPERLY.
21. VERIFY EXISTING ROOD DRAIN ELEVATIONS. ADJUST AS REQUIRED TO ACHIEVE PROPER INTEGRATION WITH THE NEW ROOFING SYSTEM. ROOF DRAINS TO MEET CODE AND MANUFACTURER REQUIREMENTS.

ROOF PLAN NOTES

1 NEW PVC ROOFING MEMBRANE AND 1/2" COVERBAORD (R-2.5) OVER EXISTING POLYISO INSULATION. INSTALL TAPERED INSULATION AS REQUIRED TO ACHIEVE POSITIVE DRAINAGE TO ROOF DRAINS. MAINTAIN A MIN. OVERALL ROOF INSULATION THICKNESS OF 5" (R-28).

2 INSTALL NEW PVC ROOF ASSEMBLY OVER STEEL DECK TO ACHEIVE A MINIMUM INSULATION THICKNESS OF 5 INCHES (R-28). MAINTAIN THE EXISTING ROOF SLOPE.

3 FLASH IN NEW ROOFING MEMBRANE AT EXISTING ROOF DRAIN LOCATION TO MEET ROOFING MANUFACTURER'S STANDARD FOR WARRANTY

4 CAULK ALL EXISTING JOINTS AT STONE COPING LOCATIONS.

5 CAULK ALL EXISTING CONTROL JOINT LOCATIONS ALONG MASONRY FACADE.

6 REINSTALL METAL EXPANSION JOINT COVER AT LOCATION WHERE LOW ROOF MEETS EXTERIOR OF GYMNASIUM WALL.

7 INSTALL NEW PVC ROOF MEMBRANE TO UNDERSIDE OF STONE COPING WITH USE OF TERMINATION BAR AT ALL LOCATIONS UNLESS OTHERWISE NOTED. SEE DETAIL 2/A200.

8 NEW WALL MOUNTED PRE-MANUFACTURED ROOF LADDER. SEE DETAIL 3/A200.

9 EXISTING ROOF LADDER TO REMAIN. LADDER TO RECEIVE NEW COAT OF EXTERIOR PAINT.

10 EXTEND NEW ROOFING MEMBRANE VERTICALLY ON MASONRY WALL AND TERMINATE +4'-0" WITH TERMINATION BAR.

ROOFING TYPES SCHEDULE

LEGEND	DESCRIPTION
	ROOF SADDLE CREATED WITH TAPERED INSULATION. SLOPE 1/2" PER FOOT. CRICKETS AND SADDLES TO BE A MINIMUM WIDTH OF 1/2 THE SADDLE LENGTH.
	TAPERED INSULATION AT 1/4"/FOOT

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ROOFING IMPROVEMENTS FOR CLIFTY CREEK ELEMENTARY
4625 E 50 N
COLUMBUS, IN 47203

REVISIONS:

1	ADDENDUM #1	01/28/2026

ISSUE DATE	DRAWN BY	CHECKED BY
01/12/2025	JNC	ECN

DRAWING TITLE:
ROOF PLAN

CERTIFIED BY:
JAMES ROBERT FUNK REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A200

PROJECT NUMBER
2025094