



**ROCKFORD BOARD OF EDUCATION  
INVITATION FOR BID ON SUPPLIES, MATERIALS, EQUIPMENT OR SERVICES  
FOR SCHOOL DISTRICT NO. 205  
ROCKFORD, ILLINOIS**

IFB No.        **22-45 West M.S. Roofing Project**

DATE:        **May 11, 2022**

RE:        **ADDENDUM NO. 1**

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To All Bidders:

Included are modifications, clarifications and/or corrections for the Project Manual and are hereby made a part of the contract documents. Please attach this addendum to the Project Manual(s) in your possession. Please note the receipt of this addendum on the bid form. Bidders shall review changes to all portions of this work as changes to one portion may affect the work of another.

**If you plan to hand deliver your IFB submission on the due date, please note you must check in on the 1st floor prior to coming to the bid opening. Please allow time for this as late submission will not be accepted.**

Refer all questions relative to the business aspect, Instructions to Bidders, Special Conditions, and questions concerning the technical aspect of the documents to the Director of Purchasing by email at [purchasingdeptstaff@rps205.com](mailto:purchasingdeptstaff@rps205.com).

ROCKFORD BOARD OF EDUCATION

By: Dane Youngblood  
Director of Purchasing

IFB# 22-45  
WEST MIDDLE SCHOOL RE-ROOF (RE-BID)  
ROCKFORD PUBLIC SCHOOLS 205  
ROCKFORD, ILLINOIS

**LARSON & DARBY GROUP**

4949 Harrison Avenue, Suite 100  
815/484-0739

**ARCHITECTURE-ENGINEERING-INTERIORS**

Rockford, IL 61108  
FAX 815.229.9867

TO: ALL BIDDERS

RE: **ADDENDUM #1**

Changes to Bidding Documents Dated April 21, 2022

PROJECT: RPS#2239 – IFB22-45  
West Middle School Roof Alterations  
1900 N. Rockton Ave.  
Rockford, IL 61103

RPS PROJECT NO.: 2239; IFB 22-45  
LDG PROJECT NO: 32029-01

May 11, 2022

Please attach this Addendum to the Project Manual and Drawings for the referenced project. Take the changes to the Project Manual and Drawings into consideration in preparing your Bid.

Bidders shall make note in writing on Bid Form that this Addendum has been taken into consideration. Failure to do so may be sufficient cause to reject the Bid.

LARSON & DARBY GROUP

By   
Andrew A. Macklin AIA

This Addendum consists of 3 pages, plus materials itemized herein.

**I. ADDITIONS OR CHANGES TO THE PROJECT MANUALS:**

**Section 012200 – Unit Prices:**

3.1 A: Unit Price No. 1 should read: “Curb Flashing” as described.

3.1 B: OMIT Unit price No 2

3.1 D: Unit Price No. 4 for Flashing boot – added

3.1 E: Unit Price No. 5 for Penetration Flashing Pocket – added

**Section 075423 – EPDM Roofing**

Omit section 1.10 for Warranty. New flashings shall not degrade the existing roof warranty

**Section 076200 – sheet metal flashing – revised**

OMIT Section 086300 – Metal Framed Skylights

OMIT Section 088000 – Glazing

II. ADDITIONS OR CHANGES TO THE DRAWINGS:

A. Omit Detail 5/A8.3 and use detail 9/A8.3 for all curb patching

REISSUED DRAWINGS: The following revised Drawings (attached), which replace previous issues of the Drawings, are issued herewith:

**31029-01 West Middle School Re-roof RPS#2239**

1. A8.2 Roof Details – Revisions as noted

III. CONTRACTOR QUESTIONS AND CLARIFICATIONS:

1. Who provides temporary protection of roof curbs if there is a delay for installing a piece of equipment?
  - a. Contract 2242 for HVAC work will be responsible for temp protection if needed. Roof equipment is anticipated before end of summer.
2. Miscellaneous penetrations for piping and conduit, how to quantify?
  - a. Each ACCU and RTU location to receive two pipe penetration boots (11/A8.2) for conduit and/or piping and one sealant pocket (10/A8.2) for multiple refrigerant pipes.
  - b. Contractor shop drawings and HVAC contract drawings are issued for reference.
3. Are the angle supports for the roof hatch to be provided by the roofing contractor?
  - a. At the new location of the roof hatch on roof A.3: Provide L4x4x1/4" frame around roof hatch openings to support the roof deck and hatch at opening. See added roof frame detail on A8.2. Demolition of existing hatch to be provided by HVAC contractor. Obtain existing ladder from previous hatch to reinstall at new hatch location.
  - b. Roof hatch at area C shall replace the existing hatch. Verify existing size and replace with new hatch to fit existing opening.
4. Is fire treated sheathing required?
  - a. Fire treatment of blocking is not required. Fire treated plywood is not used.
5. Regarding the scope delineation of the skylights between HVAC and Roofing:
  - a. The roofing contractor shall omit all skylight work from scope
6. Roofing Contractor is responsible to inspect and verify substrates to which his materials are being applied, meet the manufacturers requirements for installation of the product.
7. Hazardous material disposal practices shall be followed at areas where the roofing contractor is providing demolition of a product known to contain hazardous materials. Demolition scope for the Roofing contractor is greatly diminished from the original bid documents, hazardous material disposal may not be an issue with the reduced scope, contractor shall reference the districts ACM report for the roof and verify.
8. Crickets and Saddles shall be provided on the high sides of all rails and curbs as noted on the drawings
9. Will temporary toilets be provided by the school district?

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a. No but the contractors may use the school toilet rooms until August 20<sup>th</sup>.

10. Roofing contractor will be expected to coordinate with Miller Engineering for scheduling, and equipment installation requirements.

IV. OTHER ATTACHMENTS:

Revised Bid Offer Form

Pre-Bid Conference Opening Statement

Pre-Bid Conference Sign-in

END OF ADDENDUM #1

## BID OFFER FORM

Bid # 22- \_45 Roofing Alterations Project at West Middle School\_\_\_\_\_.

BID SUBMITTED BY:\_\_\_\_\_

Date \_\_\_\_\_

The undersigned, having become familiar with the local conditions affecting cost of work and with the Bidding Documents, including the advertisement of the Invitation for Bid, the Instructions and Supplementary Instructions to Bidders, this Bid Offer Form, the General and Supplementary Conditions, the Drawings and Specifications, and Addenda issued thereto, as prepared and issued by the Board of Education of Rockford School District No. 205, Winnebago and Boone Counties, Illinois hereby agrees to furnish all labor, material and equipment necessary to do the Work required for the project and IFB identified above, for the amount shown below:

**Note: Contractor to write "No Bid" in the dollar amount section for any line items not bid.**

**BASE BID:**

TOTAL: \_\_\_\_\_ DOLLARS (\$ \_\_\_\_\_)

**ALTERNATE BIDS:**

**NONE**

**UNIT PRICES:**

Should the net result of change for any of the following categories of work require more or less quantity of work than originally indicated in the Drawings and/or Specifications, the price for such added or deducted work will be as follows:

	ADD / DEDUCT
No. <u>1</u> Description <u>Curb Flashing</u>	\$ _____ / _____ PER _____
<del>No. <u>2</u> Description <u>Aluminum Skylight omit</u></del>	<del>\$ _____ / _____ PER _____</del>
No. <u>3</u> Description <u>Roof Hatch (furnish and install)</u>	\$ _____ / _____ PER _____
No. <u>5</u> Description <u>Penetration Flashing: Boot</u>	\$ _____ / _____ PER _____
No. <u>3</u> Description <u>Penetration Flashing: Pocket</u>	\$ _____ / _____ PER _____

**ALLOWANCES:**

None

**ADDENDA RECEIVED**

The undersigned acknowledges receipt of Addenda \_\_\_\_ to \_\_\_\_ inclusive.

**PRE-BID MEETING ATTENDANCE**

A Bidder representative attended the Pre-Bid Meeting? YES \_\_\_\_\_ OR No \_\_\_\_\_.

**SITE VISIT**

Existing premises and conditions were checked by an on-site inspection on \_\_\_\_\_.

## BID OFFER FORM

### **CONTRACTOR'S QUALIFICATION STATEMENT**

A fully completed AIA Document A305-1986 Contractor's Qualification Statement is **required** AND MUST BE SUBMITTED WITH THE BID. Include at least three references from projects completed in the past five (5) years with phone number, date of completion, description of work, and project architect (or engineer) contact name with phone number. Projects must be similar to the scope of this bid, and the bidder must have acted in the capacity of prime or general contractor.

Contractor has adequate equipment to perform the work properly and expeditiously: \_\_\_\_Yes \_\_\_\_No.

### **COMMENCEMENT AND COMPLETION OF CONTRACT**

The undersigned agrees, if awarded the Contract, to commence the contract work within five (5) days of receipt of Order to Proceed or if required, upon execution of a formal written contract and to complete said Work within the specified completion time. The undersigned further agrees to execute the Contract, furnish satisfactory performance and payment bond as well as insurance coverage, as specified in strict accordance with the Contract Documents.

Date of Commencement of Construction: \_\_\_\_\_

Date of Substantial Completion: \_\_\_\_\_

Date of Final Completion: \_\_\_\_\_

BIDDER: \_\_\_\_\_  
(Corporation) (Partnership) (Individual) Circle One

Address \_\_\_\_\_  
Street

\_\_\_\_\_ City State Zip Code

\_\_\_\_\_ Phone No. Email address

BIDDER FEIN/SSN NO. \_\_\_\_\_

By: \_\_\_\_\_  
Bidder or Authorized Agent Signature Print name

Title: \_\_\_\_\_

Subscribed and sworn to before be this \_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Notary Public  
My commission expires: \_\_\_\_\_

### **BID DEPOSIT CERTIFICATION**

A Bid Deposit is required in the amount of 5% of the total Bid including Alternate Bids. This Bid Deposit is to be a Bid Bond, Bank Draft or Certified Check made payable to the "Rockford School District No. 205", as a guarantee that if awarded all or part of the Bid, the firm will enter into a contract to perform with the Board of Education.

Amount of Total Bid \$ \_\_\_\_\_

Amount of Bank draft or Certified Check \$ \_\_\_\_\_

# BID OFFER FORM

BIDDER: \_\_\_\_\_

\_\_\_\_\_  
Signature of Bidder or Authorized Agent

**SUBCONTRACTOR LISTING**

1. Pursuant to bidding requirements for the Work:  
The Bidder, for portions of the Work equaling or exceeding 1/2 of 1% of the total Contract Sum, proposes to use the following Subcontractors. The Bidder proposes to perform all other portions of the Work with its own forces. The District reserves the right to qualify all Subcontractors. COPY AND ATTACH ADDITIONAL SHEETS AS NECESSARY.

<u>Portion of the Work</u>	<u>Subcontractor Name and Address</u>
_____	_____
	_____
	_____
_____	_____
	_____
	_____
_____	_____
	_____
	_____
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	_____
	_____
_____	_____
	_____
	_____

Bidder: \_\_\_\_\_

By: \_\_\_\_\_  
Bidder or Authorized Agent Signature

## SECTION 01 22 00 - UNIT PRICES

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section includes administrative and procedural requirements for unit prices.
- B. Related Requirements:
  - 1. Section 01 21 00 "Allowances" for procedures for using unit prices to adjust quantity allowances.

#### 1.2 DEFINITIONS

- A. Unit price is an amount incorporated into the Agreement, applicable during the duration of the Work as a price per unit of measurement for materials, equipment, or services, or a portion of the Work, added to or deducted from the Contract Sum by appropriate modification, if the scope of Work or estimated quantities of Work required by the Contract Documents are increased or decreased.

#### 1.3 PROCEDURES

- A. Unit prices include all necessary material, plus cost for delivery, installation, insurance, overhead, and profit.
- B. Owner reserves the right to reject Contractor's measurement of work-in-place that involves use of established unit prices and to have this work measured, at Owner's expense, by an independent surveyor acceptable to Contractor.
- C. List of Unit Prices: A schedule of unit prices is included in Part 3. Specification Sections referenced in the schedule contain requirements for materials described under each unit price.

### PART 2 - PRODUCTS (Not Used)

### PART 3 - EXECUTION

#### 3.1 SCHEDULE OF UNIT PRICES

- A. Unit Price No. 1: Curb Flashing
  - 1. Description: Reinforced EPDM roof flashing membrane fully installed over a 12" curb
  - 2. Unit of Measurement: Lineal foot
- B. Unit Price No. 2: installation of new aluminum skylight.
  - 1. Description: Labor and material for complete installation of new aluminum skylight over existing roof curb with new flashings and all associated trim per specification section 086300.
  - 2. Unit of Measurement: per skylight.
- C. Unit Price No. 3: Installation of roof hatch.
  - 1. Description: Labor and material to fully install new roof hatch with access ladder to floor below.
  - 2. Unit of Measure: per hatch.



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- D. Unit Price No. 4: Penetration Flashing Boot.
  - 1. Description: Provide boot flashing per detail 11/A8.2 for pipes and conduit up to 4"
  - 2. Unit of Measurement: each (add / deduct)
  
- E. Unit Price No. 5: Penetration Flashing Pocket.
  - 1. Description: Provide sealant pocket per detail 10/A8.2 for multiple refrigerant pipes
  - 2. Unit of Measurement: each (add / deduct)

END OF SECTION 01 22 00

## SECTION 07 62 00 - SHEET METAL FLASHING AND TRIM

### PART 1 - GENERAL

#### 1.1 SUMMARY

- A. Section Includes but is not limited to:
  - 1. Formed counterflashing.
  - 2. Parapet through-wall flashing.
  - 3. Formed roof-drainage sheet metal fabrications.
  - 4. Formed low-slope roof sheet metal fabrications.
  - 5. Formed wall sheet metal fabrications.

#### 1.2 ACTION SUBMITTALS

- A. Product Data: For each of the following
  - 1. Underlayment materials.
  - 2. Elastomeric sealant.
  - 3. Butyl sealant.
  - 4. Epoxy seam sealer.
- B. Shop Drawings: For sheet metal flashing and trim.
  - 1. Include plans, elevations, sections, and attachment details.
  - 2. Detail fabrication and installation layouts, expansion-joint locations, and keyed details. Distinguish between shop- and field-assembled Work.
  - 3. Include identification of material, thickness, weight, and finish for each item and location in Project.
  - 4. Include details for forming, including profiles, shapes, seams, and dimensions.
  - 5. Include details for joining, supporting, and securing, including layout and spacing of fasteners, cleats, clips, and other attachments. Include pattern of seams.
  - 6. Include details of termination points and assemblies.
  - 7. Include details of edge conditions, including crickets, flashings, and counterflashings.
  - 8. Include details of special conditions.
  - 9. Include details of connections to adjoining work.
- C. Samples: For each exposed product and for each color and texture specified, 12 inches long by actual width.

#### 1.3 QUALITY ASSURANCE

- A. Fabricator Qualifications: Employs skilled workers who custom fabricate sheet metal flashing and trim similar to that required for this Project and whose products have a record of successful in-service performance.
  - 1. For copings and roof edge flashings that are ANSI/SPRI/FM 4435/ES-1 tested, shop shall be listed as able to fabricate required details as tested and approved.

### PART 2 - PRODUCTS

#### 2.1 PERFORMANCE REQUIREMENTS

- A. Sheet metal flashing and trim assemblies, including cleats, anchors, and fasteners, shall withstand wind loads, structural movement, thermally induced movement, and exposure to weather without failure due to defective manufacture, fabrication, installation, or other defects in

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construction. Completed sheet metal flashing and trim shall not rattle, leak, or loosen, and shall remain watertight.

- B. Sheet Metal Standard for Flashing and Trim: Comply with NRCA's "The NRCA Roofing Manual: Architectural Metal Flashing, Condensation and Air Leakage Control, and Reroofing" and SMACNA's "Architectural Sheet Metal Manual" requirements for dimensions and profiles shown unless more stringent requirements are indicated.
- C. Sheet Metal Standard for Copper: Comply with CDA's "Copper in Architecture Handbook." Conform to dimensions and profiles shown unless more stringent requirements are indicated.
- D. SPRI Wind Design Standard: Manufacture and install roof edge flashings tested in accordance with ANSI/SPRI/FM 4435/ES-1 and capable of resisting the following design pressure:
  - 1. Design Pressure:
    - a. Roof Edge Perimeter, Vertical Load Direction: 56.9 psf.
    - b. Wall Edge Perimeter, Horizontal Load Direction: 36.8 psf.
- E. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes to prevent buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on surface temperatures of materials due to both solar heat gain and nighttime-sky heat loss.
  - 1. Temperature Change: 120 deg F, ambient; 180 deg F, material surfaces.

## 2.2 SHEET METALS

- A. Protect mechanical and other finishes on exposed surfaces from damage by applying strippable, temporary protective film before shipping.
- B. Aluminum Sheet: ASTM B209, alloy as standard with manufacturer for finish required, with temper as required to suit forming operations and performance required; with smooth, flat surface.
  - 1. Exposed Coil-Coated Finish:
    - a. Two-Coat Fluoropolymer: AAMA 2605. Fluoropolymer finish containing not less than 70 percent polyvinylidene fluoride (PVDF) resin by weight in color coat. Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.
  - 2. Color: As selected by Architect from manufacturer's full range.

## 2.3 UNDERLAYMENT MATERIALS

- A. Self-Adhering, High-Temperature Sheet Underlayment: Minimum 30 mils thick, consisting of a slip-resistant polyethylene- or polypropylene-film top surface laminated to a layer of butyl- or SBS-modified asphalt adhesive, with release-paper backing; specifically designed to withstand high metal temperatures beneath metal flashing. Provide primer in accordance with underlayment manufacturer's written instructions.
  - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
    - a. Carlisle WIP Products; a brand of Carlisle Construction Materials.
    - b. GCP Applied Technologies Inc.
    - c. Henry Company.
    - d. Polyglass U.S.A., Inc.
    - e. Protecto Wrap Company.
  - 2. Low-Temperature Flexibility: ASTM D1970/D1970M; passes after testing at minus 20 deg F or lower.

## 2.4 MISCELLANEOUS MATERIALS

- A. Provide materials and types of fasteners, protective coatings, sealants, and other miscellaneous items as required for complete sheet metal flashing and trim installation and as recommended by manufacturer of primary sheet metal or manufactured item unless otherwise indicated.
- B. Fasteners: Wood screws, annular threaded nails, self-tapping screws, self-locking rivets and bolts, and other suitable fasteners designed to withstand design loads and recommended by manufacturer of primary sheet metal or manufactured item.
  - 1. General: Blind fasteners or self-drilling screws, gasketed, with hex-washer head.
    - a. Exposed Fasteners: Heads matching color of sheet metal using plastic caps or factory-applied coating. Provide metal-backed EPDM or PVC sealing washers under heads of exposed fasteners bearing on weather side of metal.
    - b. Blind Fasteners: High-strength aluminum or stainless steel rivets suitable for metal being fastened.
- C. Sealant Tape: Pressure-sensitive, 100 percent solids, polyisobutylene compound sealant tape with release-paper backing. Provide permanently elastic, nonsag, nontoxic, nonstaining tape 1/2 inch wide and 1/8 inch thick.
- D. Elastomeric Sealant: ASTM C920, elastomeric silicone polymer sealant; of type, grade, class, and use classifications required to seal joints in sheet metal flashing and trim and remain watertight.
- E. Butyl Sealant: ASTM C1311, single-component, solvent-release butyl rubber sealant; polyisobutylene plasticized; heavy bodied for hooked-type expansion joints with limited movement.
- F. Epoxy Seam Sealer: Two-part, noncorrosive, aluminum seam-cementing compound, recommended by aluminum manufacturer for exterior nonmoving joints, including riveted joints.

## 2.5 FABRICATION, GENERAL

- A. Custom fabricate sheet metal flashing and trim to comply with details indicated and recommendations in cited sheet metal standard that apply to design, dimensions, geometry, metal thickness, and other characteristics of item required.
  - 1. Fabricate sheet metal flashing and trim in shop to greatest extent possible.
  - 2. Fabricate sheet metal flashing and trim in thickness or weight needed to comply with performance requirements, but not less than that specified for each application and metal.
  - 3. Verify shapes and dimensions of surfaces to be covered and obtain field measurements for accurate fit before shop fabrication.
  - 4. Form sheet metal flashing and trim to fit substrates without excessive oil-canning, buckling, and tool marks; true to line, levels, and slopes; and with exposed edges folded back to form hems.
  - 5. Conceal fasteners and expansion provisions where possible. Do not use exposed fasteners on faces exposed to view.
- B. Fabrication Tolerances:
  - 1. Fabricate sheet metal flashing and trim that is capable of installation to a tolerance of 1/4 inch in 20 feet on slope and location lines indicated on Drawings and within 1/8-inch offset of adjoining faces and of alignment of matching profiles.
- C. Expansion Provisions: Form metal for thermal expansion of exposed flashing and trim.

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1. Form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with butyl sealant concealed within joints.
- D. Sealant Joints: Where movable, nonexpansion-type joints are required, form metal in accordance with cited sheet metal standard to provide for proper installation of elastomeric sealant.
- E. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal.
- F. Fabricate cleats and attachment devices of sizes as recommended by cited sheet metal standard for application, but not less than thickness of metal being secured.
- G. Seams:
  1. Aluminum: Fabricate nonmoving seams with flat-lock seams. Form seams and seal with elastomeric sealant unless otherwise recommended by sealant manufacturer for intended use.

PART 3 - EXECUTION

3.1 INSTALLATION OF UNDERLAYMENT

- A. Self-Adhering, High-Temperature Sheet Underlayment:
  1. Install self-adhering, high-temperature sheet underlayment; wrinkle free.
  2. Prime substrate if recommended by underlayment manufacturer.
  3. Comply with temperature restrictions of underlayment manufacturer for installation; use primer for installing underlayment at low temperatures.
  4. Apply in shingle fashion to shed water, with end laps of not less than 6 inches staggered 24 inches between courses.
  5. Overlap side edges not less than 3-1/2 inches. Roll laps and edges with roller.
  6. Roll laps and edges with roller.
  7. Cover underlayment within 14 days.

3.2 INSTALLATION, GENERAL

- A. Install sheet metal flashing and trim to comply with details indicated and recommendations of cited sheet metal standard that apply to installation characteristics required unless otherwise indicated on Drawings.
  1. Install fasteners, solder, protective coatings, separators, sealants, and other miscellaneous items as required to complete sheet metal flashing and trim system.
  2. Install sheet metal flashing and trim true to line, levels, and slopes. Provide uniform, neat seams with minimum exposure of sealant.
  3. Anchor sheet metal flashing and trim and other components of the Work securely in place, with provisions for thermal and structural movement.
  4. Install sheet metal flashing and trim to fit substrates and to result in watertight performance.
  5. Install continuous cleats with fasteners spaced not more than 12 inches o.c.
  6. Space individual cleats not more than 12 inches apart. Attach each cleat with at least two fasteners. Bend tabs over fasteners.
  7. Install exposed sheet metal flashing and trim with limited oil-canning, and free of buckling and tool marks.
  8. Do not field cut sheet metal flashing and trim by torch.

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- B. Metal Protection: Where dissimilar metals contact each other, or where metal contacts pressure-treated wood or other corrosive substrates, protect against galvanic action or corrosion by painting contact surfaces with bituminous coating or by other permanent separation as recommended by sheet metal manufacturer or cited sheet metal standard.
  - 1. Coat concealed side of stainless steel sheet metal flashing and trim with bituminous coating where flashing and trim contact wood, ferrous metal, or cementitious construction.
  - 2. Underlayment: Where installing sheet metal flashing and trim directly on cementitious or wood substrates, install underlayment and cover with slip sheet.
- C. Expansion Provisions: Provide for thermal expansion of exposed flashing and trim.
  - 1. Space movement joints at maximum of 10 feet with no joints within 24 inches of corner or intersection.
  - 2. Form expansion joints of intermeshing hooked flanges, not less than 1 inch deep, filled with sealant concealed within joints.
- D. Fasteners: Use fastener sizes that penetrate substrate not less than recommended by fastener manufacturer to achieve maximum pull-out resistance.
- E. Conceal fasteners and expansion provisions where possible in exposed work and locate to minimize possibility of leakage. Cover and seal fasteners and anchors as required for a tight installation.
- F. Seal joints as required for watertight construction.
  - 1. Use sealant-filled joints unless otherwise indicated.
    - a. Embed hooked flanges of joint members not less than 1 inch into sealant.
    - b. Form joints to completely conceal sealant.
    - c. When ambient temperature at time of installation is between 40 and 70 deg F, set joint members for 50 percent movement each way.
    - d. Adjust setting proportionately for installation at higher ambient temperatures.
      - 1) Do not install sealant-type joints at temperatures below 40 deg F.
  - 2. Prepare joints and apply sealants to comply with requirements in Section 07 92 00 "Joint Sealants."
  - 3. Provide elbows at base of downspout to direct water away from building.

### 3.3 INSTALLATION OF ROOF FLASHINGS

- A. , sheet metal manufacturer's written installation instructions, and cited sheet metal standard.
  - 1. Provide concealed fasteners where possible, and set units true to line, levels, and slopes.
  - 2. Install work with laps, joints, and seams that are permanently watertight and weather resistant.
- B. Pipe or Post Counterflashing: Install counterflashing umbrella with close-fitting collar with top edge flared for elastomeric sealant, extending minimum of 4 inches over base flashing. Install stainless steel draw band and tighten.
- C. Counterflashing: Coordinate installation of counterflashing with installation of base flashing.
  - 1. Insert counterflashing in reglets or receivers and fit tightly to base flashing.
  - 2. Extend counterflashing 4 inches over base flashing.
  - 3. Lap counterflashing joints minimum of 4 inches.

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3.4 INSTALLATION OF WALL FLASHINGS

- A. Install sheet metal wall flashing to intercept and exclude penetrating moisture in accordance with cited sheet metal standard unless otherwise indicated. Coordinate installation of wall flashing with installation of roofing system.

3.5 INSTALLATION TOLERANCES

- A. Installation Tolerances: Shim and align sheet metal flashing and trim within installed tolerance of 1/4 inch in 20 feet on slope and location lines indicated on Drawings and within 1/8-inch offset of adjoining faces and of alignment of matching profiles.

3.6 CLEANING

- A. Clean exposed metal surfaces of substances that interfere with uniform oxidation and weathering.
- B. Clean and neutralize flux materials. Clean off excess solder.
- C. Clean off excess sealants.

3.7 PROTECTION

- A. Remove temporary protective coverings and strippable films as sheet metal flashing and trim are installed unless otherwise indicated in manufacturer's written installation instructions.
- B. Replace sheet metal flashing and trim that have been damaged or that have deteriorated beyond successful repair by finish touchup or similar minor repair procedures, as determined by Architect.

END OF SECTION 07 62 00

## PRE-BID CONFERENCE OPENING STATEMENT

Welcome to the non-mandatory pre-bid conference for IFB No. 22-45 West M.S. Roofing Project for the Rockford Public Schools.

The purpose of this meeting is to receive input, comments, questions, clarifications and suggested changes relative to this solicitation. As a reminder, the only acceptable changes to the Bid/RFP are formal Addenda published by the RPS Purchasing department. Additionally, the Addendum may address other issues identified by the School District.

The goal of today's meeting is to increase your knowledge of the solicitation as it is written and provide an information mechanism in which you may advise the School District of any changes it should make. Consequently, any changes you wish the Rockford Public Schools to consider must be submitted in writing to the Purchasing department before the deadline as expressed in the solicitation.

We will try to answer as many of the questions as possible. If we cannot answer a question today, we will defer that answer to the published Addendum. Additionally, minutes from this pre-bid conference will be published in the Addendum.

- Bid Opening is scheduled for May 19, 2022 at 2:00 pm Rockford Board of Education, 6th floor Conference Room. Late bids will not be accepted. Faxed or emailed bids will not be accepted.
- Board Approval May 24, 2022.
- Bid RFI Procedures - All written correspondence during the bid process **MUST** be sent to Dane Youngblood, Director of Purchasing, via email at [PurchasingDeptStaff@rps205.com](mailto:PurchasingDeptStaff@rps205.com). Last RFI will be accepted until May 10, 2022 at 12 pm. Last addendum will be issued by May 12, 2022 at 4:30 pm.
- Addenda will be emailed to all attendees at the pre-bid conference, posted on the RPS website and Bonfire.
- PLEASE reference the **REQUIRED FORMS CHECK LIST** for all documents that **must** be submitted with your bid offer form. All forms must be properly completed, signed and submitted or your bid will be deemed non-responsive.





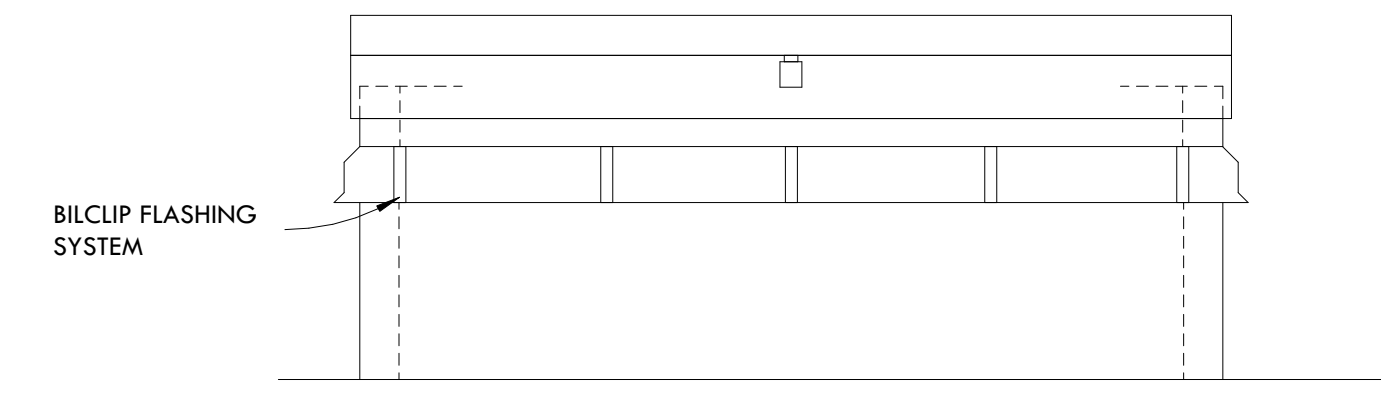
PRE-BID MEETING SIGN-IN SHEET

IFB No. 22-45 West M.S. Roofing Project

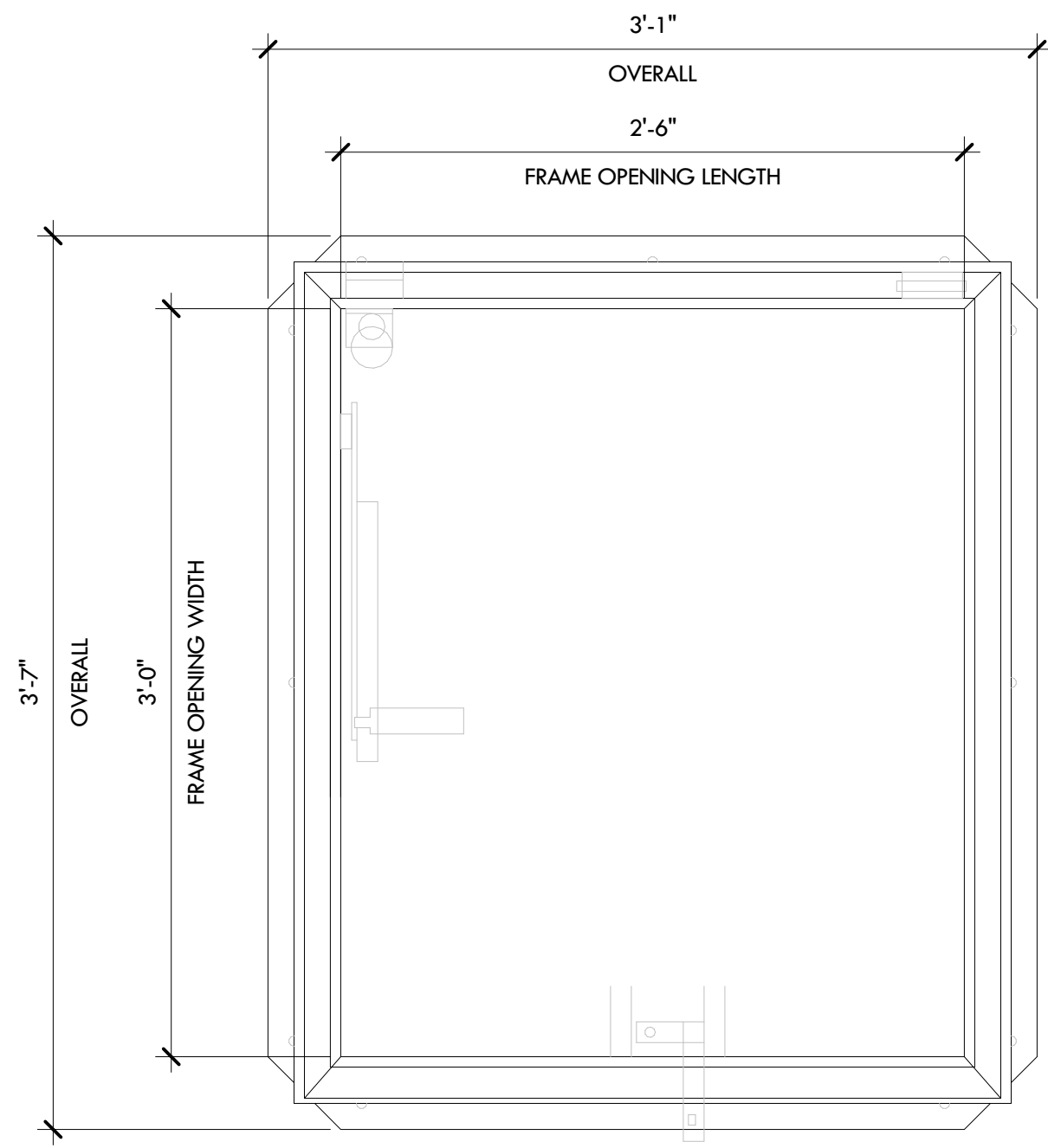
PLEASE WRITE EMAIL ADDRESS SO THAT IT IS LEGIBLE IN ORDER TO RECEIVE ADDENDUM INFORMATION

	Printed Name	Company Name	Company Address	Telephone	E-mail
1	Edwin Carlson	Roofing Systems, Inc	1825 Windsor Rd. Loves Park, IL 61111	815-654-9540	ROOFSYS@AOL.COM
2	Todd Jabman	IFS	Lalca Bluff, IL	847-477-5416	tjabman@ifspr.com
3	ANDREW MACKLIN	LDG	4949 HARRISON AVE	815 494 0731	AMACKLIN@LAKSONDANSON.COM
4	Todd Byxbee	Miller Eng.	1616 So. Main ST ROCKFORD	815-963-4878	TByxbee@mlcgroup.com
5	PAUL NAETTA	McDEEMAD PACKING CO.	1229 KESTER AVE ST. PETERS, MO 64404	815-963-8658	Mike@McDeemadPack.com
6					
7					

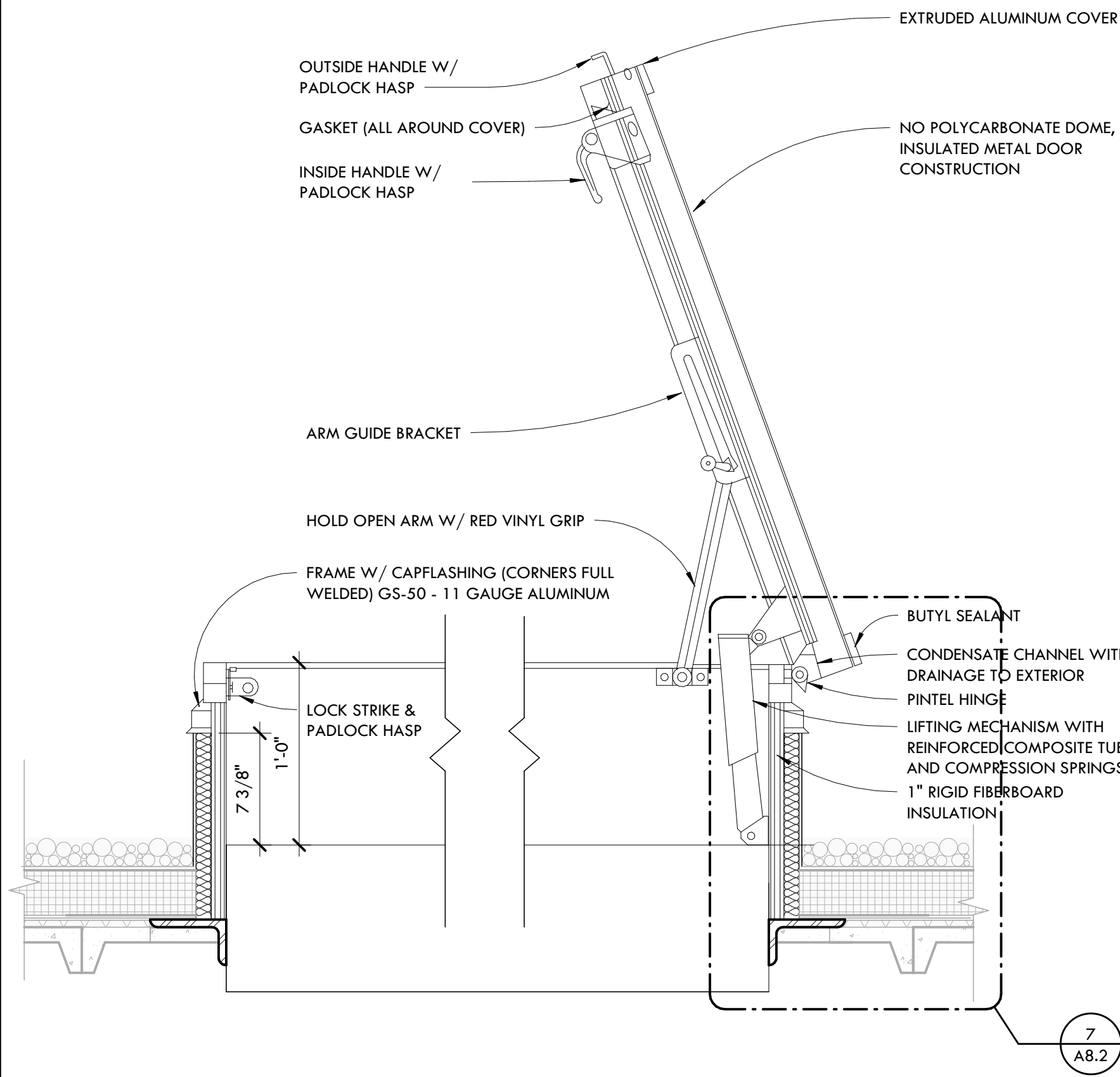




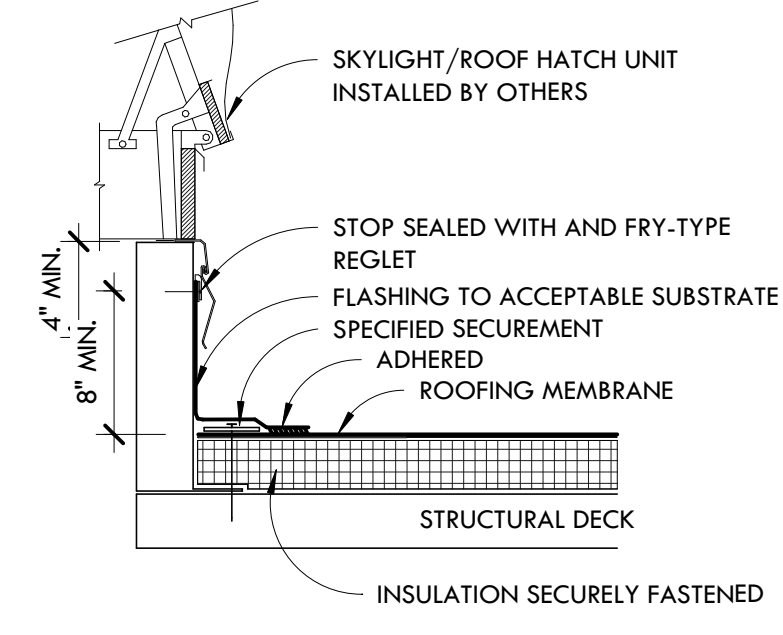
1 ROOF HATCH ELEVATION  
SCALE: 1 1/2" = 1'-0"



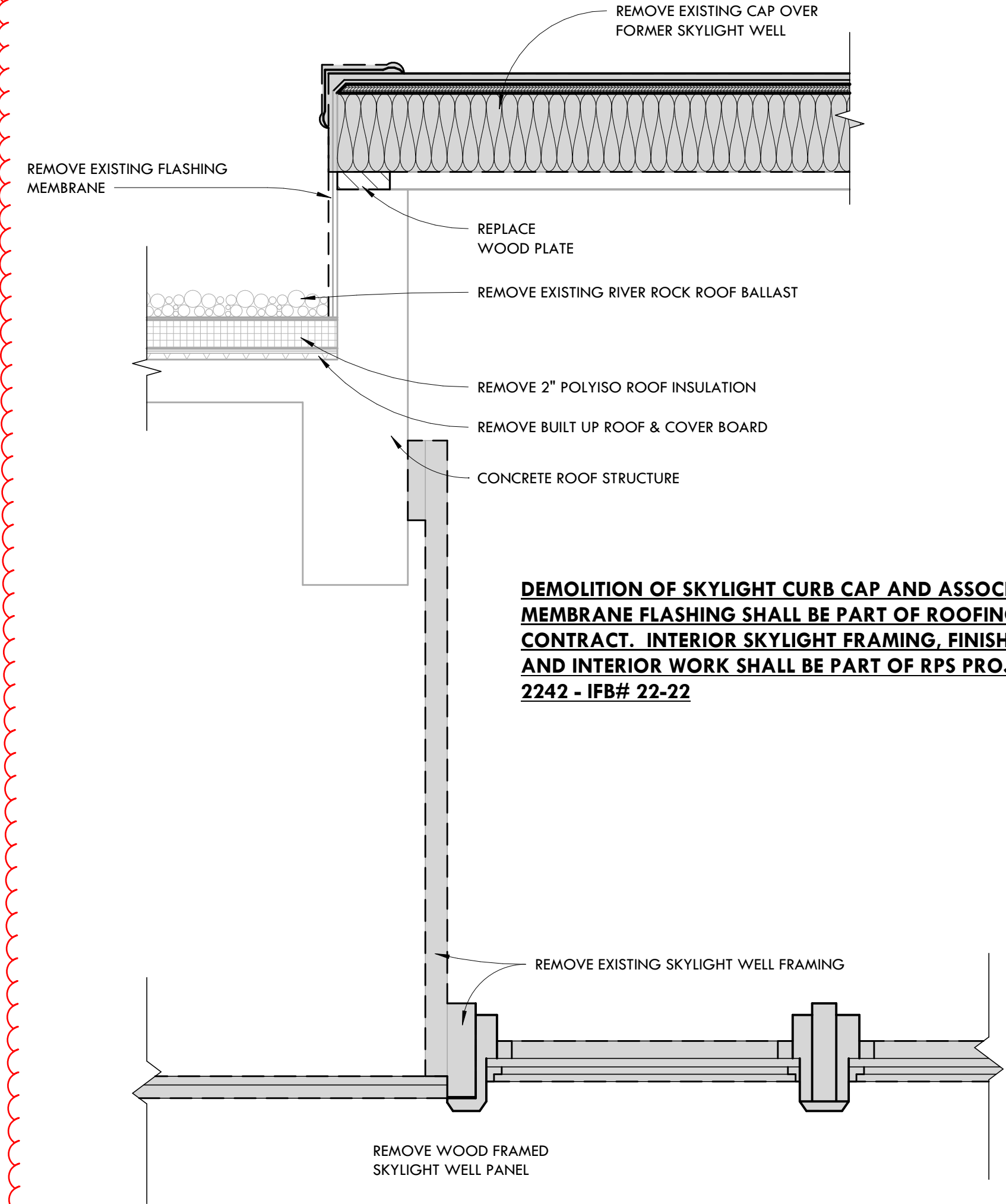
2 ROOF HATCH LID  
SCALE: 1 1/2" = 1'-0"



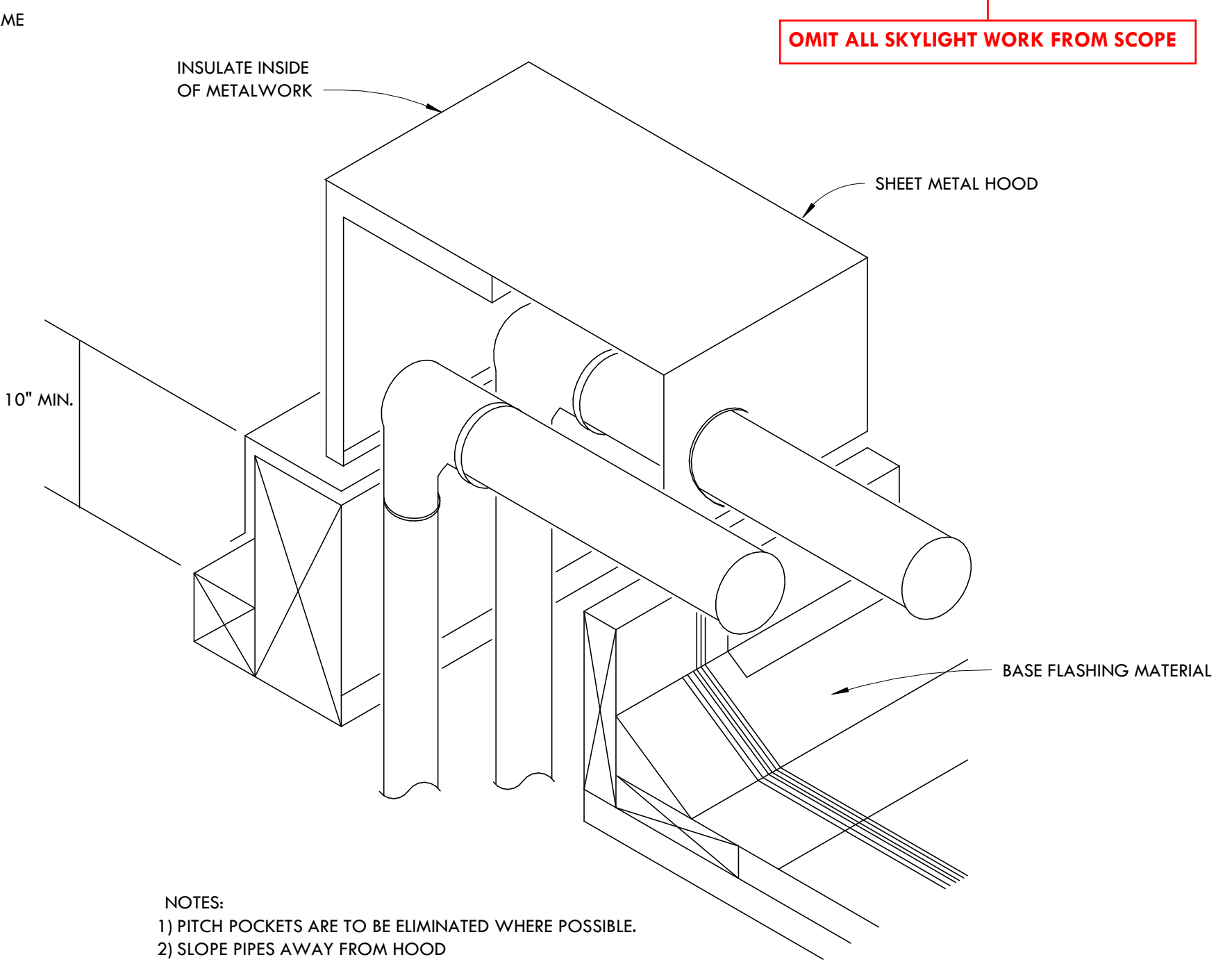
6 ROOF HATCH SECTION  
SCALE: 1 1/2" = 1'-0"



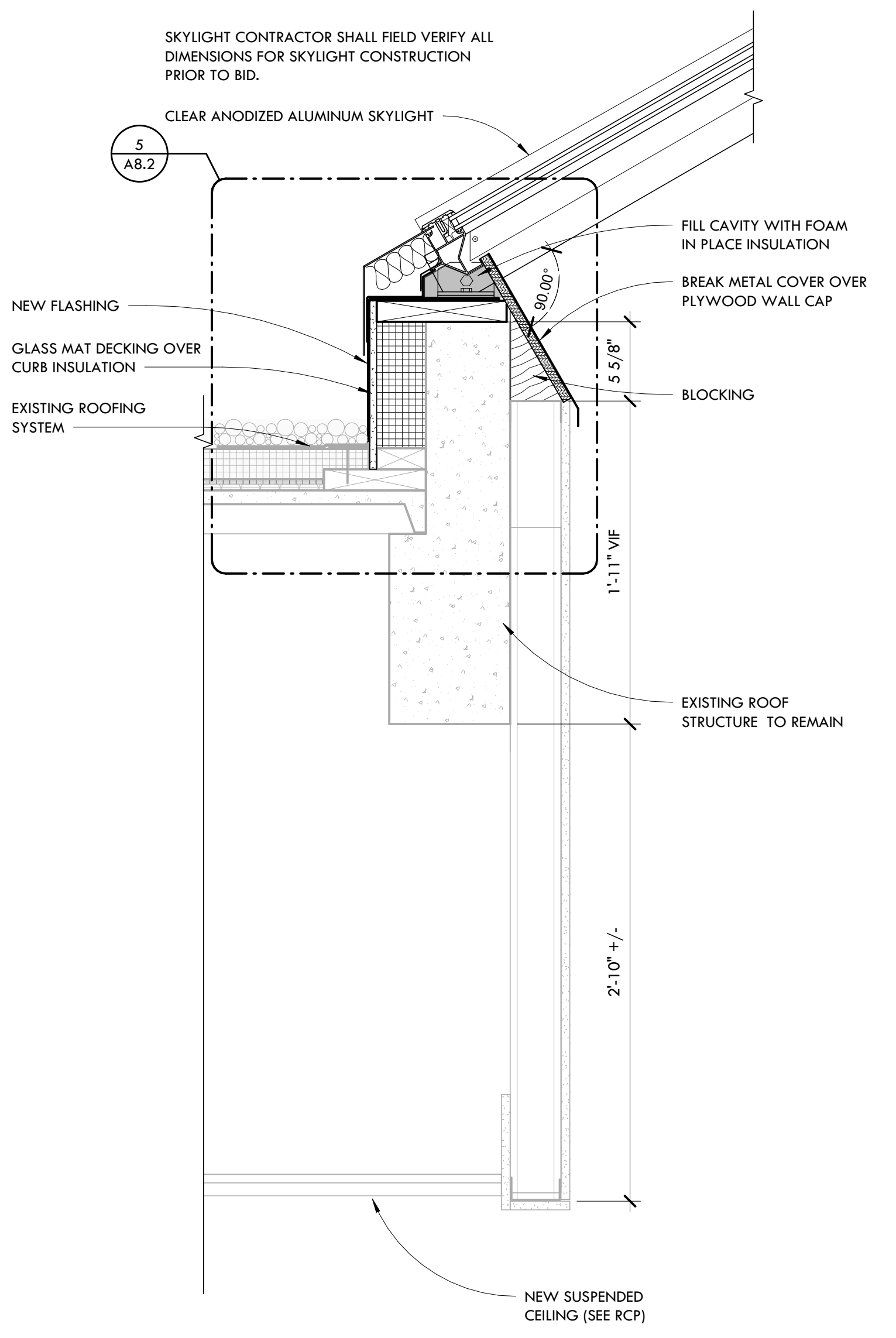
7 ROOF HATCH CURB DETAIL  
SCALE: 1 1/2" = 1'-0"



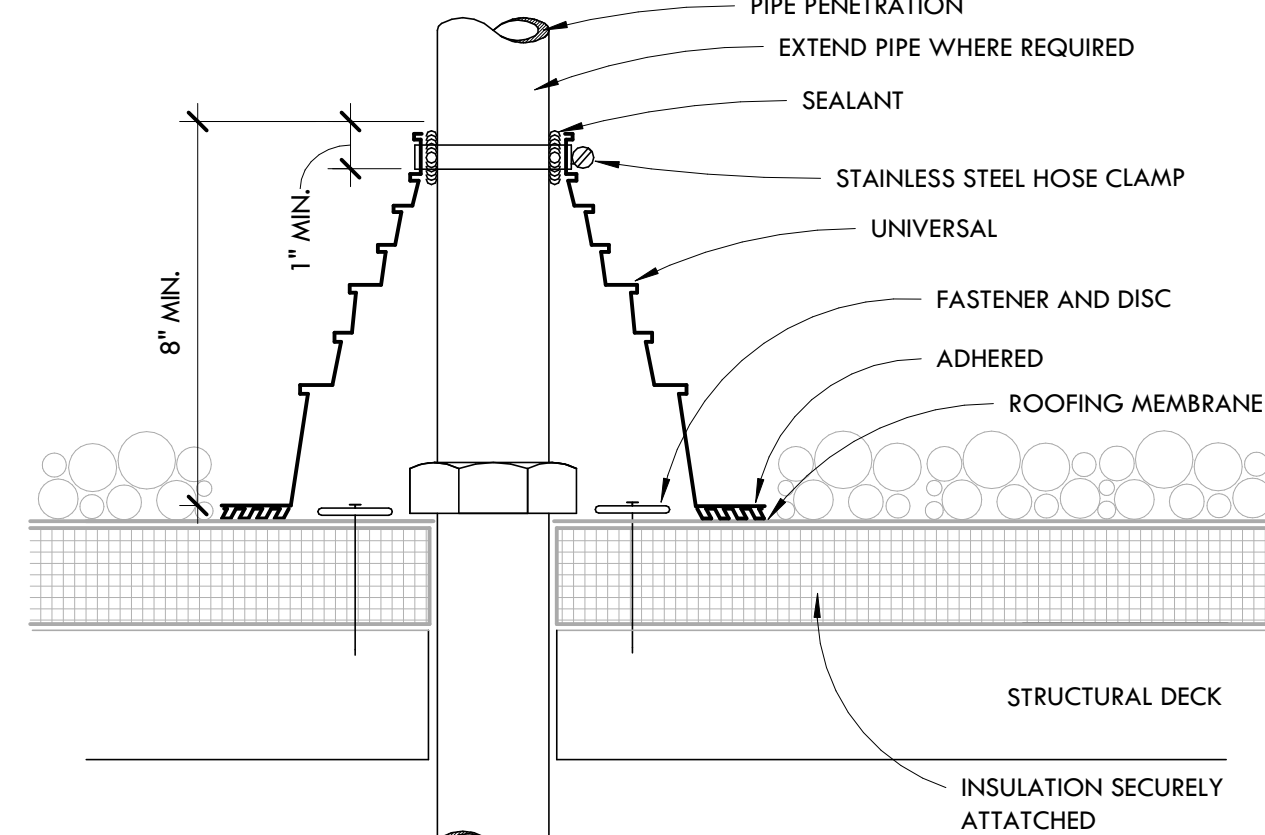
3 SKYLIGHT CAP DEMO  
SCALE: 1 1/2" = 1'-0"



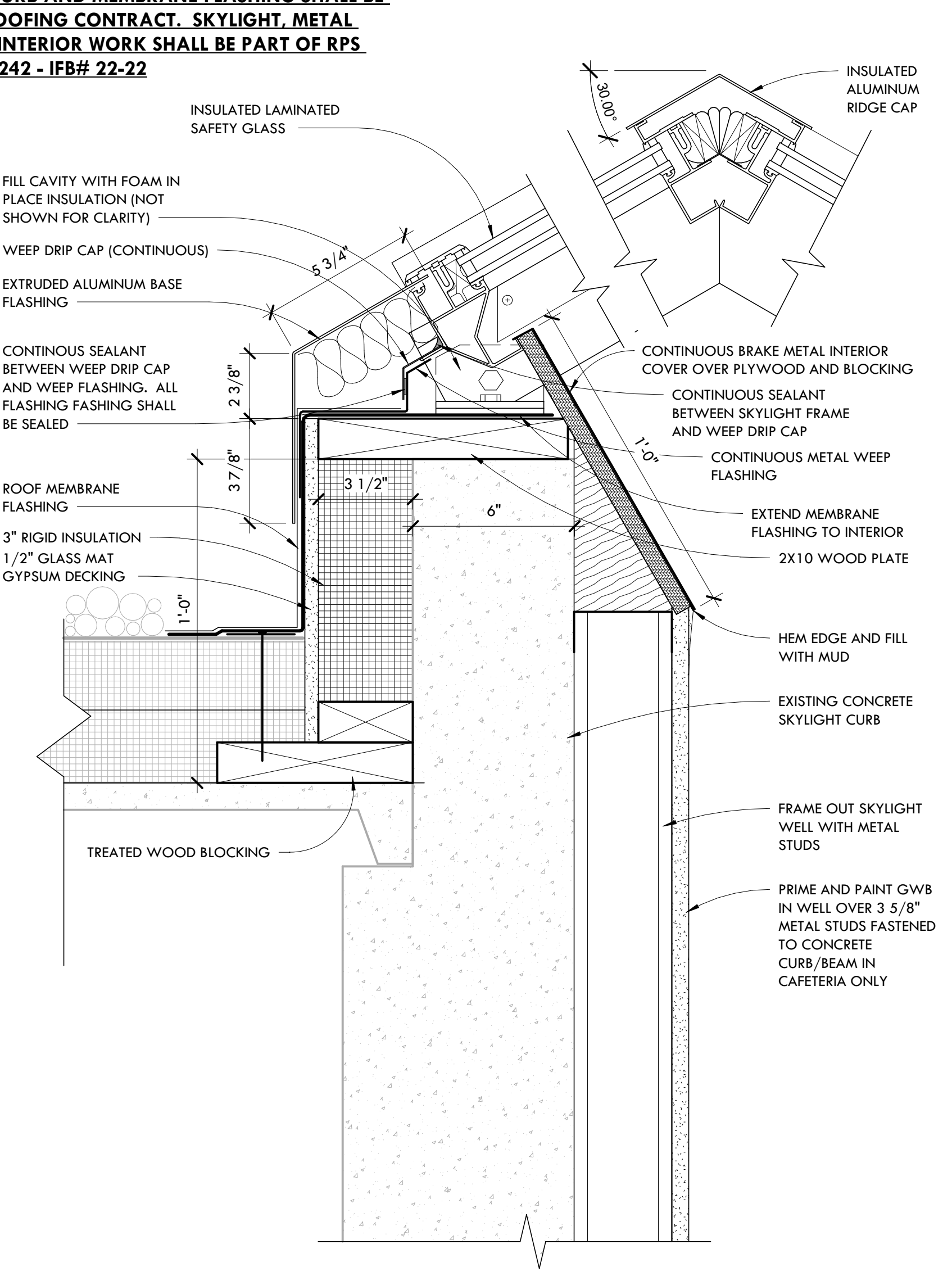
10 SEALANT POCKET  
SCALE: 1 1/2" = 1'-0"



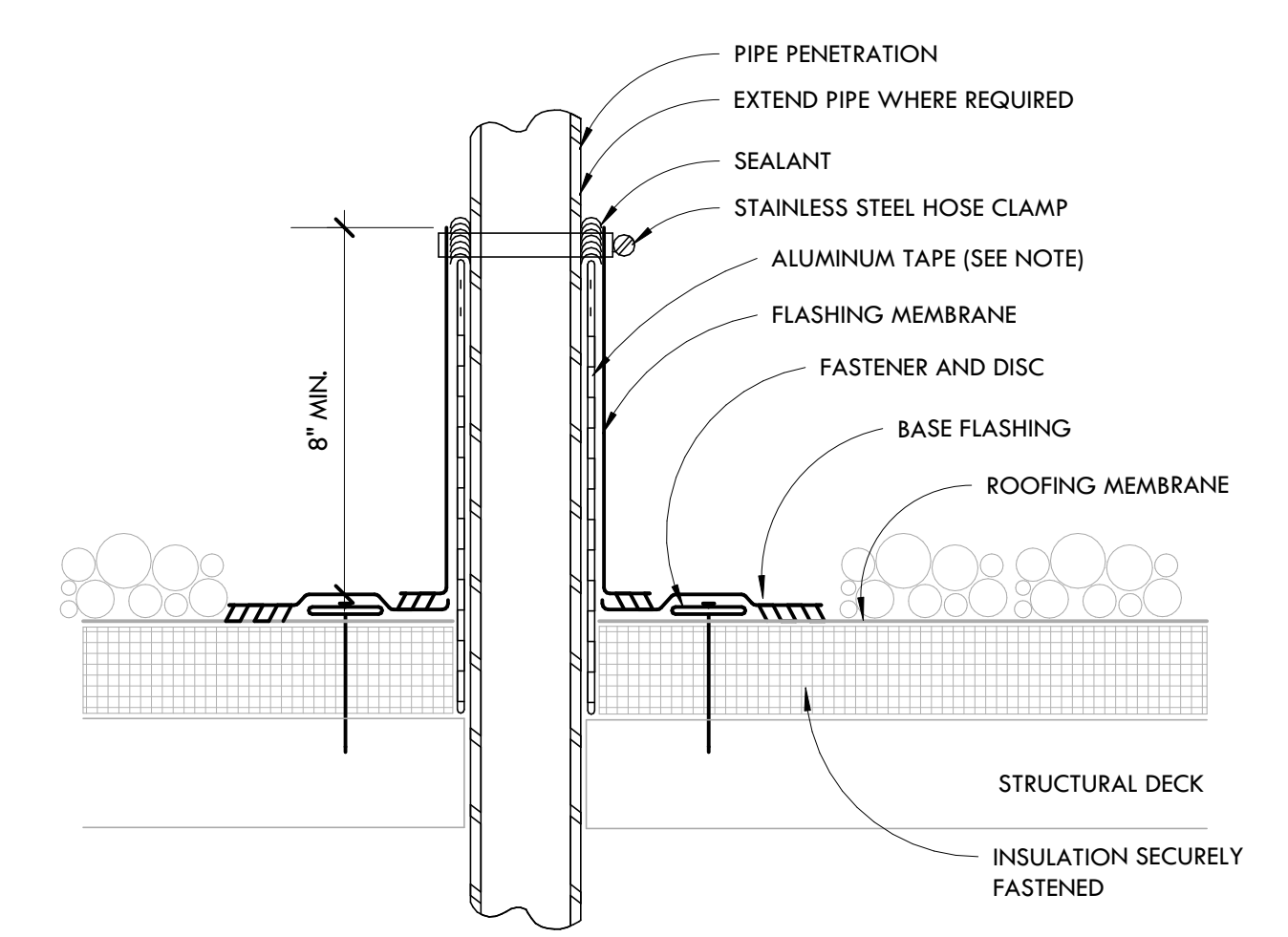
4 SKYLIGHT SILL AND WELL  
SCALE: 1 1/2" = 1'-0"



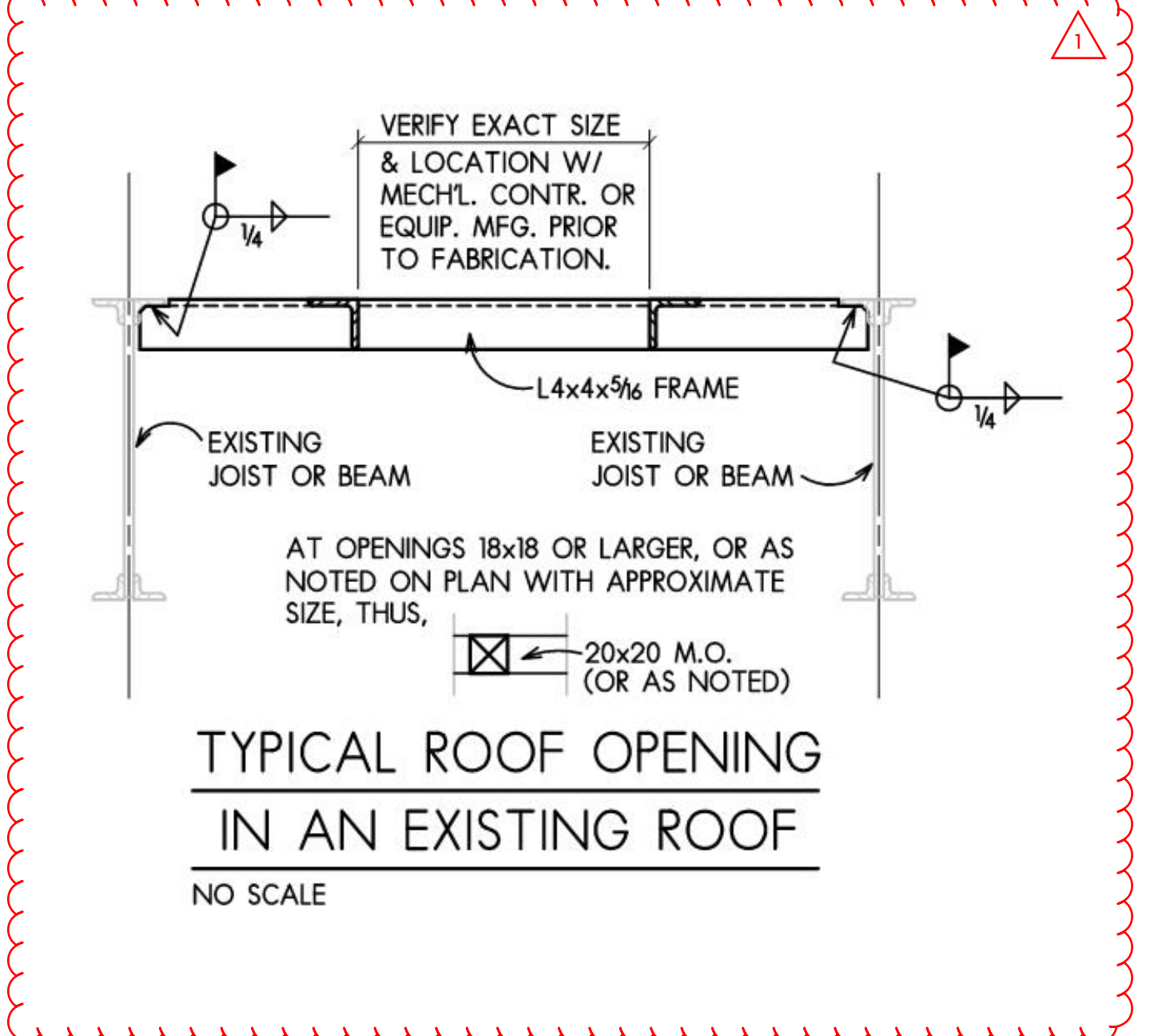
11 UNIVERSAL BOOT FLASHING  
SCALE: 3" = 1'-0"



5 SKYLIGHT SILL & RIDGE  
SCALE: 3" = 1'-0"



12 PIPE PENETRATION FLASHING  
SCALE: 3" = 1'-0"



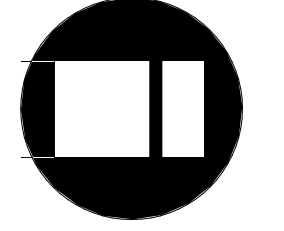
TYPICAL ROOF OPENING  
IN AN EXISTING ROOF  
NO SCALE

SECTIONS & DETAILS  
SCALE: AS NOTED

SKYLIGHT CURB AND MEMBRANE FLASHING SHALL BE PART OF ROOFING CONTRACT. SKYLIGHT, METAL FLASHING, INTERIOR WORK SHALL BE PART OF RPS PROJECT 2242 - IFB# 22-22

DEMOLITION OF SKYLIGHT CURB CAP AND ASSOCIATED MEMBRANE FLASHING SHALL BE PART OF ROOFING CONTRACT. INTERIOR SKYLIGHT FRAMING, FINISHES, AND INTERIOR WORK SHALL BE PART OF RPS PROJECT 2242 - IFB# 22-22

OMIT ALL SKYLIGHT WORK FROM SCOPE



RE-ISSUED FOR	DATE
# DESCRIPTION	DATE
1 REVISION 1 ADDENDUM 1	05-11-22

DATE: 01/21/24	PROJECT NUMBER: 31029-01	SHEET NUMBER: A8.2
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