



02/17/2025

To: All Potential Respondents  
From: Construction Procurement  
Subject: RFQ944600-01 DOC 1JD DRF Roof Repair/Replacement

### Request for Quote

The State of Iowa is conducting a Request for Quote for a contractor to complete the removals and replacement of portions of the sheet metal roof system and interior fiber ceiling panels at the First District Residential Correctional Facility, 1494 Elm St., Dubuque, Iowa 52001. See Exhibit B, C, E, and F for additional detail.

All construction workers must have a background check completed and complete PREA training prior to performing work onsite. PREA training consists of watching a 20-minute video and completing a questionnaire. Name and birth date will be required for these background checks.

Construction shall be completed no later than June 23, 2025.

The Project is located at 1494 Elm St., Dubuque, Iowa 52001.

Please upload your quote on the Exhibit A pricing form of this solicitation utilizing the [Iowa IMPACS Procurement System](https://bids.sciquest.com/apps/Router/PublicEvent?CustomerOrg=DASlowa) (<https://bids.sciquest.com/apps/Router/PublicEvent?CustomerOrg=DASlowa>) prior to **March 06, 2025 at 2:00 PM (CT)**.

An **optional pre-quote meeting** will be conducted at 10:30 AM CST on Tuesday, February 25, 2025. This meeting will take place onsite at 1494 Elm St., Dubuque, Iowa 52001.

All questions regarding this solicitation must be received by email **by 2:00 PM (CT) ON February 28, 2025**.

#### Contract Terms and Conditions

This procurement will result in a Consensus 802 Agreement. By submitting a quote, respondent agrees to the contract terms and conditions available at:

<https://das.iowa.gov/sites/default/files/procurement/pdf/ConsensusDoc802.pdf>

#### Warranty

Respondent must provide a one-year warranty from the date of completion.

#### Performance & Payment Bonds

Respondent must provide Performance and Payment Bonds for any quotes over \$25,000 in accordance with Section 10.8 of Consensus 802 Agreement.

#### Insurance Requirements

See sample Certificate of Insurance attached as Exhibit D for required limits, additional insured requirements and waiver of subrogation.

**Exhibit A Pricing Form**  
DOC 1JD DRF Roof Repair/Replacement  
First District Residential Correctional Facility  
1494 Elm St., Dubuque, Iowa 52001 Request for Quote RFQ944600-01

**Due March 06, 2025 at 2:00 PM (CT)**

Please submit this completed form with your Quote to:

[Iowa IMPACS Procurement System](https://bids.sciquest.com/apps/Router/PublicEvent?CustomerOrg=DASlowa)

(<https://bids.sciquest.com/apps/Router/PublicEvent?CustomerOrg=DASlowa>)

This form is to be completed in ink or typewritten.

Only pricing on this form or an exact copy of this form will be accepted.

Pricing Form shall be signed by an officer of the firm with authority to bind Respondent to Contract.

Respondent acknowledges receipt of the following Addenda (if issued) which are part of the RFQ documents:

Addendum No. \_\_\_\_\_ Date \_\_\_\_\_

Addendum No. \_\_\_\_\_ Date \_\_\_\_\_

Freight Terms: FOB Destination, Freight Pre-Paid

The State reserves the right to reject any or all quotes without penalty and to waive minor deficiencies and informalities if, in the judgement of the State, it's best interests will be served.

Respondents must submit pricing for all scope of work items indicated per the attached Exhibit B. The State reserves the right to evaluate pricing. The State intends to make one Award for this project.

**QP #01 - Lump Sum Price for roof repairs at the First District Residential Correctional Facility**

Lump Sum (Labor and Material(s)) Total \$ \_\_\_\_\_

\*Please note all pricing is to be delivered price. That is why we are stating FOB Destination, Freight Pre-Paid.\*

**QP #01 - Unit Cost #01 for replacement of damaged nail base per 4'x8' sheet**

Unit Cost Lump Sum Deduct (Labor and Material(s)) Total \$ \_\_\_\_\_/sheet

**QP #01 - Deduct Alternate #01 for leaving a portion of the existing roofing and tie in new roofing**

ALT 01 Lump Sum Deduct (Labor and Material(s)) Total \$ \_\_\_\_\_

**QP #01 - Add Alternate #02 to provide and install new snowguards**

ALT 02 Lump Sum Add (Labor and Material(s)) Total \$ \_\_\_\_\_

**QP #02 - Lump Sum Price for ceiling panel replacements at the First District Residential Correctional Facility**

Lump Sum (Labor and Material(s)) Total \$\_\_\_\_\_

\*Please note all pricing is to be delivered price. That is why we are stating FOB Destination, Freight Pre-Paid.\*

**Signature** \_\_\_\_\_

**Name (Print)** \_\_\_\_\_

**Title** \_\_\_\_\_

**Company** \_\_\_\_\_

**Address** \_\_\_\_\_

**City, St., Zip** \_\_\_\_\_

**Phone #** \_\_\_\_\_ **Fax #** \_\_\_\_\_

**E-mail** \_\_\_\_\_

## **Exhibit B Scope of Work**

DOC 1JD DRF Roof Repair/Replacement  
First District Residential Correctional Facility  
1494 Elm St., Dubuque, Iowa 52001  
Request for Quote RFQ944600-01

**Due March 06, 2025 at 2:00 PM (CT)**

### **1.01 GENERAL WORK REQUIREMENTS**

- A. The Contractor's Work includes all labor, supervision, materials, equipment, services, supplies, tools, facilities, transportation, hoisting, storage, receiving, licenses, inspections, certifications, overhead, profit, or other items required or reasonably inferable to properly and timely perform and complete all work and services to be performed by the Contractor pursuant to this Agreement. Unless specifically stated otherwise, incidental work required to accomplish the work of this Request for Quote shall be included in the quote. This would include, but not be limited to, temporary facilities, protection of the work, security of equipment, materials, and work in progress, etc. Contractor's Work shall be performed in accordance with the Drawings, Specifications, and Request for Quote.
- B. Contractor is responsible for all labor and equipment to unload, account for all material delivered, stock, and delivery for this scope of work. Storage and delivery of materials and equipment at the Site shall be permitted only to the extent approved in advance by the Construction Manager, and if anything so stored obstructs the progress of any portion of the work, it shall be promptly removed or relocated by the Contractor without reimbursement.
- C. On site supervision by Prime Contractor at all times work by that contractor or their subcontractors/suppliers is taking place.
- D. Provide all temporary facilities required for this scope of work including telephone, secured storage, temporary power for work, temporary and task lighting for work, etc. as determined necessary by Contractor. Coordinate location of trailers, material storage and utility lines with Construction Manager. Limited space is available, and permission to bring any such facility or excess materials on to the site shall be approved by the Construction Manager. No job office trailers will be permitted onsite.
- E. Contractor shall provide all equipment and tools for Contractor's own cleanup. Clean up shall be done at end of every shift or more frequently if required for the Contractor to perform their work, for other Contractors to perform their work, as required by the Owner's operations, and at the discretion of the Construction Manager.
- F. All turf, landscaping, and subgrade disturbances caused by equipment traffic or other activities related to the Contractor's scope shall be repaired or restored to proper conditions by the Contractor.
- G. Protect adjacent existing building elements from damage from Scope of work. Repair existing building elements damaged during Contractor's Scope of work.
- H. All Contractors are responsible for on-the-job supervision of their work, or any subcontracted work. An onsite Superintendent or lead foreman is required during any time that work is being performed to coordinate their work and work with other trades. No superintendent or lead foreman may be replaced without approval of the Owner and DCI Group. Any work necessary to be performed after the regular working hours shall be supervised and shall be done at no additional cost to the Owner.
- I. Tools, materials, and equipment storage and security is the responsibility of each Contractor.
- J. All Authorities having Jurisdiction inspections shall be requested by the responsible contractor and coordinated through the Construction Manager. Attendance by contractors is mandatory as applicable to the work being inspected.
- K. The Contractor shall have personnel attending regular project meetings. These meetings will be held at intervals established by the Construction Manager. Contractors must have representative attending when they are on the job or needed for coordination prior to having work start on the project. The representative attending must be able to adequately represent the Contractor and speak on the Contractors behalf providing valuable information to the meeting; specifically, things such as schedule, cost, production, manpower, etc.

- L. The Contractor will be required to attend all pre-installation conferences before commencement of related work.
- M. The Contractor shall complete a daily log for each workday on site and submit to Construction Manager. Content of daily log will be directed by Construction Manager.

## **1.02 SAFETY**

- A. The contractor shall comply with all local and federal, safety and health requirements.
- B. The contractor will provide a safety plan customized for the project to DCI Group.
- C. All prime contractors, subcontractors, and/or any second/third tier subcontractors must conduct weekly internal "toolbox safety" meetings and submit documentation of such to the Construction Manager.
- D. It is the contractor's responsibility to notify other contractors on the jobsite of any hazardous materials to which their employees may be exposed. This communication shall be defined as the ability to produce all material SDS information customized for the project. This documentation shall be available for the duration a prime contractor, subcontractor, and/or any second/third/etc. tier subcontractors are onsite.
- E. All Contractors shall inform their employees to immediately advise their supervisor of any unsafe conditions that are encountered. The supervisor shall promptly remediate such danger and/or contact the Construction Manager.
- F. Contractors performing hot work are to have a fire extinguisher in their work areas at all times as applicable.
- G. All Contractors are responsible for their own fall protection.
- H. Contractors are required to provide emergency phone numbers at the request of the Construction Manager. Emergency phone numbers are numbers where the Contractor can be reached during off hours.
- I. All floor edge, roof and similar openings, barricades, handrails, or cabling for fall protection will be installed by the Contractor that creates the hazard as part of that Contractor's scope of work. At no time shall an opening be left unprotected from fall hazard. All Contractors shall protect and maintain such devices per OSHA standards. When a device conflicts with the work of this bid package or when the work of this bid package replaces the need for such devices, this Contractor is responsible for removal. If the work of this Contractor requires additional holes/penetrations, this Contractor shall provide necessary protection until final materials are installed.
- J. No fire exit can be blocked at any time.

## **1.03 SITE MANAGEMENT**

- A. All contractors are responsible for all their own utility locates. This shall include both public and private locates. All Contractors shall coordinate locates with One Call Services.
- B. When active services are encountered in the Work, protect, brace and support existing active sewers, gas, electric or other services, where required for proper execution of the Work. If existing active services are encountered that require relocation, make a request in writing for determination. Do not proceed with Work until written directions are received. Do not prevent or disturb the operation of active services that are to remain.
- C. All contractors are required to protect their work. Provide proper protection for all existing work performed by others when performing your work next to, or around, other materials. Repair or replacement of any damaged material will be the responsibility of the contractor who damaged it.
- D. All contractors/vendors are responsible for their own cutting and patching unless otherwise specified.
- E. All contractors are responsible for maintaining dust control during their work. Contractor will provide a dust control plan customized for the project to DCI Group.
- F. Contractors shall be responsible for maintaining traffic control coordination with the Owner, DCI Group, and the Authority Having Jurisdiction.
- G. Public and private roadways will be maintained and cleaned as required by the contractor leaving debris, mud, excess gravel, etc. on roadways at their expense as defined in bid packages.
- H. No steel track mounted equipment will be allowed on finished paved surfaces. Any damage to the finished paved surfaces will be repaired at the cost to the contractor causing such damage.

- I. Bridging of finished pavement will be the responsibility of the contractor. This includes bridging curbs, pavement, sidewalks, etc. Any damage to the aforementioned including pavement markings, will be repaired or replaced at the cost of the contractor causing such damage.
- J. Contractors that have work that requires equipment off of the existing roadways are required to locate and protect from damage all under and above ground existing features such as utilities, tunnels, landscaping, etc... The Contractor will be responsible to repair back to original condition any damages that occur, including but not limited to ruts and sod damage.
- K. Any areas disturbed or damaged by one's operation are to be repaired to Owner/Construction Manager's satisfaction.
- L. The Contractor shall clean their installed materials prior to the next successor activity.
- M. Any signs located on the jobsite must be approved by the Construction Manager. Signage will not be allowed in most cases unless it is required for safety or provides instructions.
- N. Receiving, unloading and handling of material provided by the contractor shall be included. Spotting location shall be coordinated with the Construction Manager. All deliveries shall be coordinated with other Contractors and Construction Manager in advance of the delivery. Provide freight to the jobsite for any material provided. If storage is not available onsite, each contractor shall include other means of secure storage. If the contractor is not onsite to unload delivery, the delivery will be rejected and will have to be re-scheduled at the contractor's expense. Materials must be stored off the ground, out of the mud and on a solid surface. As required or needed, material should be stored on dunnage or pallets in order to keep it off the ground or surface below. Special storage is the responsibility of the respective contractor.
- O. Contractors shall not store materials within construction designated locations without approval from Construction Manager. No materials storage will be allowed that may inhibit construction progress.
- P. The Contractors shall layout and correctly establish all lines, levels, grades, positions, walls, partitions, equipment and location of all Work on the Project and be responsible for their accuracy and proper correlation with control lines, monuments and data furnished. Such monuments and data shall be carefully preserved and, if displaced, reset at the expense of the persons displacing them.
- Q. All Contractors are responsible for the coordination of their work with the complete set of specifications, construction drawings, addenda, request for information (RFI's), Architect's Supplemental Instruction to Contractor (ITC/ASI), shop drawings, coordination drawings, and other contract modifications.
- R. The Contractor shall carefully inspect any work performed by others that is to receive, align, abut or similarly relate to the Contractor's work and shall immediately notify the Construction Manager in writing of any apparent defects or inconsistencies. The Contractor is responsible for coordinating and verifying the dimensions, measurements, and elevations at the project site relevant to the Contractor's work. If Contractor commences his work without such written notice, such commencement shall constitute acceptance of all such work performed by others and of all such field conditions, and all costs incurred in connection with the Contractor's work as a result thereof shall be borne by Contractor.
- S. Incorporate construction tolerances for the work of others into the design of the systems in this scope of work. Include field measurements of work by others and any necessary adjustments to systems prior to fabrication to accommodate such allowable tolerances, or accept all costs to correct materials, which do not fit job conditions.
- T. Any interior work that is scheduled to be completed while Owner is in normal operation must be sensitive to the Owners continued use of the building. No workers are allowed to be in areas of the building that are not directly related to their scope of work. Hallways and general access paths to construction areas must also be kept clean at all times. The Owner has the right at any time to shut down any construction activities that they deem to be too much of a distraction to the occupants of the building.
- U. All contractors are responsible for familiarizing themselves with the coordination and sequencing requirements related to Owner furnished equipment.
- V. If not already required by the contract documents and reasonably requested by the Construction Manager, the Contractor shall prepare coordinated drawings in areas of congestion specifically noting and advising the Construction Manager of potential conflicts between the Contractor's work and other work at the project. Even with such cooperative and coordinated efforts should a conflict occur the Construction Manager will determine how such conflicts should be resolved and its decision in that regard will be final. The Contractor agrees to abide by such decisions and make any changes required to eliminate such conflict without additional costs or expense to the Owner.

#### **1.04 SCHEDULE MANAGEMENT**

- A. A Preliminary Construction Schedule as developed by the Construction Manager will be used as the basis of the overall Construction Schedule. In consultation with the Prime Contractor, the Construction Manager shall incorporate the Prime Contract Work and work of other prime contractors into the overall Construction Schedule for the entire project. Critical Milestones and working hours as defined by the Construction Manager will not be altered.
- B. The Prime Contractor shall on a weekly basis (at a minimum) provide the Construction Manager with scheduling information with regards to progress and work to be performed in the next 4 (four) weeks. The Prime Contractor shall be bound by the Construction schedule. Nothing in the Prime Contract Agreement shall relieve the Prime Contractor of any liability for any unexcused failure to comply with the agreed upon overall Construction Schedule or any completion dates. The Construction Manager shall have the right to coordinate the Prime Contractors, including the right, if necessary, to change the time, order and priority in which the various portions of the Prime Contract Work and other work associated with the Project shall be performed.
- C. All prime contractors, subcontractors, and/or any second/third tier subcontractors onsite shall participate in coordination meetings with the Construction Manager as well as weekly meetings as the project progresses.
- D. All Contractors shall cooperate with the Construction Manager and with other Contractors. The completion of the Work will depend upon a collective effort by all parties involved.

#### **1.05 GENERAL HOUSEKEEPING**

- A. Daily cleanup (broom clean) of dust and debris from construction operation is part of each contractor's scope of work. If any contractor fails to keep the site clean and organized on a continuous basis, the Construction Manager will notify the contractor in writing only once. The contractor will then have 24 hours to correct the situation. If the contractor fails to correct the situation, the Construction Manager will hire another party for cleaning and charge the said contractor. The Contractor shall submit prior to beginning work a plan to the Construction Manager defining manpower and methods for achieving daily cleanup. If Construction Manager deems necessary, each Contractor shall provide 1 employee for each 5 employees on the project to clean all work areas and/or staging areas to a broom clean condition. If the Contractor has less than 5 employees on site, the contractor will provide 1 employee to the necessary cleanup requirement. Cleanup duration will take as long as it takes to achieve the broom clean results.
- B. Daily cleanup shall include all applicable portions of a project including but not limited to the building, site, public streets, lay-down areas, and designated contractor parking areas.
- C. If rework is necessary to be performed by any contractor, that contractor shall be responsible for all associated cleanup and installation/removal of protection measures on all adjacent surfaces where rework took place including access to and from the area.
- D. Contractor shall take special precautions to insure no metal, fasteners, or other debris is left behind on roof or the grounds below at the end of each work shift. This shall include a magnetic sweep of the area to pick up any metallic debris.

#### **1.06 CONSTRUCTION SCOPE REQUIREMENTS**

- A. **QUOTE PACKAGE #01 - ROOF REPAIRS:** Trade Contractor shall include all of the following, but not limited to, as part of the contract:
  - 1. Includes drawings titled 9446.00 Dubuque Residential Facility Roof Repair dated 02/14/2025 by Horizon Architecture. Drawings have been included with this RFQ as Exhibit F.
  - 2. Includes specification as included as Exhibit E:
    - a. 02 4119 – Selective Structure Demolition
    - b. 06 1000 – Rough Carpentry
    - c. 07 4113 – Metal Roof Panels
    - d. 07 9200 – Joint Sealants
  - 3. General

- a. This contractor shall be responsible for providing dumpster service for the duration of the project.
  - b. This contractor shall be responsible for providing temporary toilet and handwashing facilities for the duration of the project.
  - c. Contractor may stage equipment and dumpsters on street adjacent to project area if approved by the city of Dubuque. Contractor shall be responsible for coordinating with authorities having jurisdiction and procuring any permitting including fees associated.
  - d. Any penetrations created by this contractor, whether from demolition of existing systems or installation of new, shall be sealed by this contractor to match adjacent surface and rating.
  - e. Contractor will be responsible to provide portable generators or an alternative power source for all tools and equipment that require a power source higher than 120 Volt.
  - f. Contractors shall document existing conditions prior to start of work. All damage to existing pavements, landscaped areas, and all other existing property will be repaired by the responsible Contractor. Interior as well.
4. Submittals
- a. Prime Contractor shall submit a submittal schedule listing all required submittals, submittal "To CM" dates, procurement durations, and expected dates for materials to be on the jobsite. The submittal schedule shall be submitted to the CM within five (5) business days of receipt of Owner/Prime Contractor Agreement.
  - b. Materials & Long Lead Procurement: Prime Contractor shall identify any/all submittal items that require "field verifies" and also identify the dates when these field verifies can be taken.
  - c. Contractors shall maintain accurate as-built construction records and provide complete clean and legible copies to Construction Manager on completion of work. All Contractors will be required to provide electronic copies as well as hard copies of all O&M's and as-built drawings. See Project Manual for additional Closeout requirements.
  - d. The contractor shall include in their schedule of values a \$1,000 line item or 1% of the construction cost, for closeout documentation. This line will not be paid until all closeout documents are submitted and accepted.
5. Temporary Construction
- a. At no time shall the building be left unprotected from weather or other outside elements. Work shall be put back in place, or temporary construction installed, at the end of each work shift if necessary to protect the building and existing conditions for outside elements.
  - b. Install fencing or barricades beneath area of work to prevent potential injury from objects falling or blowing off the roof.
  - c. Contractor will be responsible for all warning lines or other fall protection as required to complete their scope of work and abide by OSHA regulations.
6. Demolition
- a. This contractor shall, in cooperation with the Construction Manager, fully inspect and record existing conditions of existing construction to remain BEFORE demolition or removal begins. Documentation of existing conditions shall be submitted to the construction manager prior to the start of work. Any damage not previously identified and recorded will be replaced and/or repaired by this contractor at this contractor's expense.
  - b. This contractor shall be responsible for the removal and disposal of all elements called for demolition and not to be salvaged.
  - c. It shall be the responsibility of this contractor to remove and salvage items to be turned over to the Owner or reinstalled. This shall include removal of the existing heat trace wiring and protecting for reinstall. It is not anticipated that the heat trace will be completely removed but instead coiled up and relocated out of the way during construction.
7. Roofing

- a. This contractor shall be responsible for all new roofing installations. This shall include, but not be limited to, new underlayment, ice and water shield, standing seam metal roof, flashings, valleys, cleats, backer rod, sealants, fascia, trim, drip edge, caps, sheathing, blocking, and framing.
  - b. Contractor shall be responsible for reinstallation of the heat trace, gutters and downspouts, snow guards, all existing equipment called for removal and reinstall or who's removal is necessary for roof installation.
  - c. It shall be the responsibility of this contractor to complete all new work at existing equipment curbs, including but not limited to, boots, collars, flashing, and sealing of existing equipment called to remain or be reinstalled.
  - d. Contractor shall be responsible for all documentation and inspections required for procuring warranties and to meet manufacturer's requirements.
8. **Deduct Alternate #01 – Existing Roofing:** Trade Contractor shall include all of the following, but not limited to, as part of the contract:
- a. Contractor shall provide a deductive cost to leave the area of sheet metal roofing identified as "DEDUCT ALTERATE" on the construction drawings and tie the existing roofing in with the new sheet metal roofing being installed as part of this project.
  - b. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
  - c. 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.
  - d. Execute accepted alternates under the same conditions as other work of the Contract.
9. **Add Alternate #02 – New Snow Guards:** Trade Contractor shall include all of the following, but not limited to, as part of the contract:
- a. Contractor shall provide a cost to provide and install new snow guards.
  - b. Coordination: Revise or adjust affected adjacent work as necessary to completely integrate work of the alternate into Project.
  - c. 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.
  - d. Execute accepted alternates under the same conditions as other work of the Contract.
- B. **QUOTE PACKAGE #02 – Fiber Ceiling Panels:** Trade Contractor shall include all of the following, but not limited to, as part of the contract:
1. Includes specification as included as Exhibit E:
    - a. 02 4119 – Selective Structure Demolition
  2. Includes ceiling panel work on drawing A-102 titled 9446.00 Dubuque Residential Facility Roof Repair dated 02/14/2025 by Horizon Architecture. Drawings have been included with this RFQ as Exhibit F.
  3. This contractor shall be responsible for the replacement of damaged 12"x12" fiber ceiling panels at interior of the building.
  4. It shall be the responsibility of this contractor to identify fiber ceiling panel product to match existing onsite.
  5. Ceiling panel replacements cannot occur until roofing replacements are complete.
  6. Contractor shall provide one full package of additional ceilings panels as attic stock.

**1.07 WORK PERFORMED BY OTHERS**

- A. DCI Group will be providing scaffolding at the north and south entrances to the administrative building to create a covered walkway for building occupants.

## Exhibit C Facility Work Requirements

DOC 1JD DRF Roof Repair/Replacement  
First District Residential Correctional Facility  
1494 Elm St., Dubuque, Iowa 52001  
Request for Quote RFQ944600-01

**Due March 06, 2025 at 2:00 PM (CT)**

### 1.01 WORK HOUR RESTRICTIONS

- A. Work hours are from 7:00 AM to 5:00 PM, Monday through Friday unless arrangements are made in advance.

### 1.02 CONTRACTOR USE OF SITE AND PREMISES

- A. Construction Operations: Limited to areas noted on Drawings.
- B. Provide access to and from site as required by law and Owner:
  - 1. Emergency Building Exits During Construction: Keep all exits required by code open during construction period; provide temporary exit signs if exit routes are temporarily altered.
  - 2. Do not obstruct roadways, sidewalks, or other public ways without permission of Owner and permit if required.
- C. Facility will be occupied at all times during duration of work. Contractor personnel shall conduct themselves in an agreeable manner at all times. Failure to do so may result in removal from the work site.

### 1.03 OWNER OCCUPANCY

- A. Owner intends to occupy the Project upon Substantial Completion.
- B. Cooperate with Owner to minimize conflict and to facilitate Owner's operations.
- C. Schedule the Work to accommodate Owner occupancy.

### 1.04 RULES FOR CONSTRUCTION WORKERS

- A. The staff of the State of Iowa has a responsibility to protect the public by providing a secure environment. All work site rules must be followed to the letter, at all times.
- B. **All construction workers must complete PREA training which consists of watching a 20 minute video and answering a questionnaire.**
- C. **All construction workers must have a background check completed prior to entering the campus to perform work. Name and birth date will be required for these background checks.**
- D. Hot Work Permit Processes and Fire Watch, when necessary, will be adhered to for this project.
  - 1. Fire Watch: Written request will be required four days in advance of work. When the fire alarm system must be put in bypass or test, the contractor shall provide personnel at the fire alarm panel to continuously monitor the panel. The personnel shall be required to meet with State prior to fire watch for training. Anticipate less than one hour for training. If the fire detection systems will be disabled, the contractor shall also provide sufficient personnel dedicated to fire watch only in the areas disabled and maintain a fire watch log. Template notifications, procedures, and logs are available for the contractor's use.
  - 2. Hot Work: Hot work shall be conducted per OSHA guidelines. It will be the responsibility of the contractor to provide personnel for fire watch and to maintain a fire watch log.
- E. All State properties are tobacco free. No smoking will be permitted or tolerated on campus unless in designated areas.
- F. You are permitted access only to the work site and no other area of the institution.
- G. No drugs, alcohol, or firearms are allowed on the work site.

- H. Do not leave money, drugs, alcohol, or firearms in your personal vehicle.
- I. Company and personal vehicles are to be parked and locked in designated or authorized area of the work. Contractor parking shall be located at the Terrace Hill parking lot at the intersection of Grand Avenue and Forest Drive or at available street parking.
- J. Secure all tools at the end of the day.
- K. Maintain control of all tools, supplies, and debris at all times during the work.
- L. All delivery vehicles shall be scheduled with DCI Group 24 hours in advance.
- M. During an emergency, follow the instructions of the security staff.
- N. Any shutdowns to existing systems will need to be coordinated seven (7) business days in advance and will need reviewed with DCI Group and the States maintenance personnel.

**Exhibit D Sample Certification of Insurance**

DOC 1JD DRF Roof Repair/Replacement  
First District Residential Correctional Facility  
1494 Elm St., Dubuque, Iowa 52001  
Request for Quote RFQ944600-01

**Due March 06, 2025 at 2:00 PM (CT)**

- 1.01 Contractor shall review the included sample certificate of insurance and ensure all requirements can be meet.
- 1.02 Contractor shall provide a copy of their certificate of insurance prior to contracting.
- 1.03 Contractor shall ensure description of operations matches example below and includes project # 9446.00 in the description.



# SAMPLE

## CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)  
xx/xx/xxxx

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER <b>Agent's Name</b> <b>Agent's Address</b>	CONTACT NAME: <b>Agent's Information</b>		
	PHONE (A/C, No, Ext):	FAX (A/C, No):	
INSURED <b>Trade Contractor's Name</b> <b>Trade Contractor's Mailing Address</b>	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A: <b>Company A (AM Best Rated A/VI or Better)</b>		<b>Admitted</b>
	INSURER B:		<b>Carriers</b>
	INSURER C:		
	INSURER D:		
	INSURER E:		

COVERAGES CERTIFICATE NUMBER: REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	Minimum
* A	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR  GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC OTHER:	X	X	#TBD-CGL	3/1/17	3/1/18	EACH OCCURRENCE \$ <b>1,000,000</b> DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ <b>1,000,000</b> GENERAL AGGREGATE \$ <b>2,000,000</b> PRODUCTS - COM/PROP AGG \$ <b>1,000,000</b>	
B	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> HIRED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> NON-OWNED AUTOS	X	X	#TBD-AL	3/1/17	3/1/18	COMBINED SINGLE LIMIT (Ea accident) \$ <b>1,000,000</b> BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$	
C	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE COV RETENTION \$	X	X	#TBD-UMB	3/1/17	3/1/18	EACH OCCURRENCE \$ <b>2,000,000</b> AGGREGATE \$	
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below		N/A	#TBD-WC	3/1/17	3/1/18	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER EL EACH ACCIDENT \$ <b>500,000</b> EL DISEASE - EA EMPLOYEE \$ <b>500,000</b> EL DISEASE - POLICY LIMIT \$ <b>500,000</b>	
* E	<b>Owners Contrators Protective Liability</b>			#TBD-OCP	3/1/17	3/1/18	*Limits equal to CGL (or) as required by owner (Note- Would be either CGL or OCP, not both)	

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
**Additional Insured on a Primary & Non-Contributory basis (CGL;AL;UMB/Excess) in favor of : (Owner) Iowa Department of Administrative Services (DAS), Officers, Directors, Members, Consultants, Agents, and Employees.**  
**Waiver of Subrogation (CGL;AL;WC/EL;UMB/Excess) in favor of: (Owner) Iowa Department of Administrative Services (DAS), Officers, Directors, Members, Consultants, Agents, and Employees.**  
**Project XXXX.XX (Number varies by project)**

CERTIFICATE HOLDER <b>Iowa Department of Administrative Services (DAS)</b> 109 SE 13th Street Des Moines, IA 50319	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE <b>Signature</b>
---	---

**Exhibit E Technical Specifications**

DOC 1JD DRF Roof Repair/Replacement  
First District Residential Correctional Facility  
1494 Elm St., Dubuque, Iowa 52001  
Request for Quote RFQ944600-01

**Due March 06, 2025 at 2:00 PM (CT)**

**SECTION 00 0107**

**SEALS PAGE**

I hereby certify that the portion of this technical submission described below was prepared by me or under my direct supervision and responsible charge.

Discipline: Architecture

Stamp:

Company Name: Horizon Architecture

Address: 3116 Alpine Court

Telephone: (563) 506-4965

Name: Michael Nolan, AIA

Responsibility: All Architecture Sheets and Specs

License#: 06926

License#: 06926



A handwritten signature in black ink, appearing to read "Michael Nolan", written over a horizontal line.

**END OF SECTION**

**SECTION 024119  
SELECTIVE STRUCTURE DEMOLITION**

**PART 1 GENERAL**

**1.01 SUMMARY**

- A. Related Documents:
  - 1. Drawings and general provisions of the Contract apply to this Section.
  - 2. Review these documents for coordination with additional requirements and information that apply to work under this Section.
- B. Section Includes: Selective demolition as follows:
  - 1. Remove architectural materials as indicated or required for new construction.
  - 2. Remove materials from site, and dispose of legally.
  - 3. Disconnect, remove, cap and identify utilities for later reconnection.

**1.02 QUALITY ASSURANCE**

- A. Regulatory Requirements:
  - 1. Comply with requirements of applicable codes, rules and regulations.
  - 2. Obtain required permits from Iowa Department of Inspections and Appeals Building Code Division.
  - 3. Do not close or obstruct roadways or sidewalks without permits.
  - 4. Maintain building and room egress and access at all times. Do not reduce required egress width to exits.
  - 5. Minimize interference with corridors, exits, sidewalks, roadways and public thoroughfares.
  - 6. Comply with applicable procedures if hazardous or contaminated materials are discovered or suspected.

**1.03 PROJECT CONDITIONS**

- A. Protect adjacent work to remain, and items to be turned over to OWNER, from damage.
- B. Existing Conditions:
  - 1. If lead, asbestos or other hazardous materials are found or suspected, immediately stop work in the suspected area and advise the Owner and Architect. Do not recommence work in the area until advised by the Owner that the area has been cleared for work.
- C. Owner will occupy adjacent areas during the course of the Work. Work under this Section shall not affect Owner's operation of adjacent areas.

**1.04 SEQUENCING**

- A. Submit schedule indicating proposed sequence of operations for selective demolition work to Owner for review prior to start of work. Include coordination for shutoff, capping, and continuation of utility services, and details for dust and noise control.
  - 1. Provide detailed sequence of demolition and removal work to ensure uninterrupted progress of Owner's operations.
  - 2. Coordinate the scheduling of work of Section with the work of other sections.

**PART 2 NOT USED**

**PART 3 EXECUTION**

**3.01 EXAMINATION**

- A. Inspect and verify the existing conditions and become familiar with the extent of the Work.
- B. Examine the site to determine proper access within the limitations of the Contract. Conduct operations so as not to interfere with adjacent roads, driveways, walks, buildings, corridors, means of access and egress, and work areas.

### 3.02 PREPARATION

- A. Interfaces With Other Work: Coordinate extent of selective demolition work with limits of existing work to remain, and with demolition and modification requirements shown on the Drawings.
- B. Protection:
  - 1. Protect existing materials, appurtenances and equipment which are not to be demolished. Existing materials, appurtenances and equipment, building exterior and interior, and landscaping altered or damaged during demolition work shall be repaired or replaced by the Subcontractor to match existing undisturbed conditions at no additional cost to the Owner.
  - 2. Prevent movement of structure; provide bracing and shoring as required.
  - 3. Provide proper and permanent support to adjacent structure for all piping, conduits and cables to remain.
  - 4. Provide and maintain temporary weather protection during interval between demolition and removal of existing construction on exterior surfaces and installation of new construction to ensure that no water leakage or damage, or wind damage occurs to structure or interior areas of existing building.
  - 5. Provide and maintain temporary barriers and security devices at doorways.
  - 6. Use periodic light water mist, temporary enclosures, and other suitable methods to limit dust and dirt. Comply with applicable environmental protection regulations.
  - 7. Provide and maintain temporary partitions to prevent spread of dust, odors and noise to permit continued Owner occupancy.
  - 8. Maintain path of travel for debris removal dust free and clean at all times.
  - 9. Maintain ventilation system dust free at all times.
  - 10. Cover and protect windows and walls that are adjacent to areas to be demolished.
  - 11. Protect smoke alarms and fire sprinklers from dust intrusion.
  - 12. Maintain parking areas, driveways, exterior walkways, exit paths, and landscaping in a clean, undisturbed condition. Any debris caused by selective demolition work shall be removed each day.
- C. Field verify the exact location of existing concealed utilities. Use caution if working in or about concealed or exposed utilities.
  - 1. Disconnect, remove, and cap designated utility lines within demolition areas. Mark locations of disconnected utilities. Identify utilities and indicate capping locations on Project Record Documents.

### 3.03 EXECUTION

- A. Minimize interference with adjacent occupied building areas, materials and equipment.
- B. Remove items in an orderly and careful manner.
  - 1. Remove only as much material as is required for new construction work to be conveniently performed.
  - 2. Cut surfaces so as to minimize the amount of new surfaces required to match existing. Make cuts plumb, true, level and straight, or as otherwise required to provide proper surfaces to receive new work and repairs.
- C. Remove miscellaneous abandoned appurtenances that will be exposed to view, unless indicated otherwise.
- D. Investigate and measure the nature and extent of unanticipated items that conflict with intended function or design. Submit written report with accurate detailed information to the Owner and Architect. While awaiting instructions from the Owner, rearrange selective demolition schedule as necessary to continue overall job progress without delay.
- E. Eliminate dust. Install dust barriers as required to keep dust out of corridors and adjacent areas. Use walkoff mats designed to remove dust at the corridor side of doors to rooms where demolition work is being done.

1. Activities which generate silica dust, such as concrete saw cutting, jackhammering, chipping, or abrasive blasting, shall incorporate engineering controls to eliminate visible emissions.
  2. Do not use silica sand or other substances containing more than 1 per cent crystalline silica as abrasive blasting material
  3. Use concrete and masonry saws that provide water to the blade.
  4. Prevent human exposure to dust using methods such as removing dust with water, high efficiency particulate air (HEPA) filters, and wet sweeping. Do not use compressed air or dry sweeping.
- F. Stop work and notify the Owner immediately if structure or other items to remain appear to be endangered. Do not resume work until directed by the Owner.
- G. Do not disrupt service to existing fire sprinkler lines. If disruption becomes necessary, coordinate with the Owner..
- H. Remove, store and protect materials to be re-installed or retained so as to prevent damage.
- I. Remove and promptly dispose of vermin infested materials.

### **3.04 DISPOSAL AND CLEANUP**

- A. Material removed under this Contract which is not to be salvaged or reused in the Project shall become the property of the Contractor and shall be promptly removed from the job site. Do not store or permit debris to accumulate at the site.
- B. Unless indicated otherwise, remove demolished material from site in a timely manner. Dispose of materials legally off site. Do not burn or bury materials on site.
- C. Upon completion, clean the entire area of demolition residue satisfactory for the continuation of the Work. Remove temporary work.

### **3.05 SCHEDULES**

- A. Remove the following materials from the site and dispose of legally.
1. Demolition materials.

### **3.06 LANDSCAPE PROTECTION**

- A. General
1. Protect trees, including branches, root system, and trunks during all construction activities.
  2. Protection Zone shall be no less than 5' beyond dripline of trees and shrubs.

**END OF SECTION**

**SECTION 061000  
ROUGH CARPENTRY**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Nonstructural dimension lumber framing.
- B. Sheathing.
- C. Preservative treated wood materials.
- D. Miscellaneous framing and sheathing.
- E. Concealed wood blocking, nailers, and supports.

**1.02 REFERENCE STANDARDS**

- A. ASTM A153/A153M - Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware; 2016a.
- B. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2022.
- C. ASTM C1289 - Standard Specification for Faced Rigid Cellular Polyisocyanurate Thermal Insulation Board; 2022a.
- D. AWPA U1 - Use Category System: User Specification for Treated Wood; 2022.
- E. PS 2 - Performance Standard for Wood Structural Panels; 2018.
- F. PS 20 - American Softwood Lumber Standard; 2021.

**1.03 SUBMITTALS**

- A. Product Data: Provide technical data on insulated sheathing, wood preservative materials, and application instructions.

**1.04 DELIVERY, STORAGE, AND HANDLING**

- A. General: Cover wood products to protect against moisture. Support stacked products to prevent deformation and to allow air circulation.

**PART 2 PRODUCTS**

**2.01 GENERAL REQUIREMENTS**

- A. Dimension Lumber: Comply with PS 20 and requirements of specified grading agencies.
  - 1. If no species is specified, provide species graded by the agency specified; if no grading agency is specified, provide lumber graded by grading agency meeting the specified requirements.
  - 2. Grading Agency: Grading agency whose rules are approved by the Board of Review, American Lumber Standard Committee at [www.alsc.org](http://www.alsc.org), and who provides grading service for the species and grade specified; provide lumber stamped with grade mark unless otherwise indicated.

**2.02 CONSTRUCTION PANELS**

- A. Roof Sheathing: PS 2 type, rated Structural I Sheathing.
  - 1. Bond Classification: Exterior.
  - 2. Span Rating: 60.
  - 3. Performance Category: 3/4 PERF CAT.
- B. Roof Sheathing: Wood construction panel laminated to insulation board.
  - 1. Construction Panel: 3/4 inch (19 mm) CDX plywood.
  - 2. Insulation Board: Polyisocyanurate foam plastic with cellulosic felt facer or glass fiber mat facer on major surface opposite construction panel.
  - 3. Finished Panel: Comply with ASTM C1289, Type V.

### **2.03 ACCESSORIES**

- A. Fasteners and Anchors:
  - 1. Metal and Finish: Hot-dipped galvanized steel complying with ASTM A153/A153M for high humidity and preservative-treated wood locations, unfinished steel elsewhere.

### **2.04 FACTORY WOOD TREATMENT**

- A. Treated Lumber and Plywood: Comply with requirements of AWWA U1 - Use Category System for wood treatments determined by use categories, expected service conditions, and specific applications.
  - 1. Preservative-Treated Wood: Provide lumber and plywood marked or stamped by an ALSC-accredited testing agency, certifying level and type of treatment in accordance with AWWA standards.
- B. Preservative Treatment:
  - 1. Preservative Pressure Treatment of Lumber Above Grade: AWWA U1, Use Category UC3B, Commodity Specification A using waterborne preservative.
    - a. Kiln dry lumber after treatment to maximum moisture content of 19 percent.

## **PART 3 EXECUTION**

### **3.01 INSTALLATION - GENERAL**

- A. Select material sizes to minimize waste.
- B. Reuse scrap to the greatest extent possible; clearly separate scrap for use on site as accessory components, including: shims, bracing, and blocking.
- C. Where treated wood is used on interior, provide temporary ventilation during and immediately after installation sufficient to remove indoor air contaminants.

### **3.02 BLOCKING, NAILERS, AND SUPPORTS**

- A. Provide framing and blocking members as indicated or as required to support finishes, fixtures, specialty items, and trim.

### **3.03 INSTALLATION OF CONSTRUCTION PANELS**

- A. Roof Sheathing: Secure panels with long dimension perpendicular to framing members, with ends staggered and over firm bearing.
  - 1. At long edges use sheathing clips where joints occur between roof framing members.
  - 2. Nail panels to framing; staples are not permitted.

### **3.04 CLEANING**

- A. Waste Disposal:
  - 1. Comply with applicable regulations.
  - 2. Do not burn scrap on project site.
  - 3. Do not burn scraps that have been pressure treated.
  - 4. Do not send materials treated with pentachlorophenol, CCA, or ACA to co-generation facilities or "waste-to-energy" facilities.
- B. Do not leave wood, shavings, sawdust, etc. on the ground or buried in fill.
- C. Prevent sawdust and wood shavings from entering the storm drainage system.

**END OF SECTION**

**SECTION 074113  
METAL ROOF PANELS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Metal roof panel system of preformed steel panels.

**1.02 RELATED REQUIREMENTS**

- A. Section 061000 - Rough Carpentry: Roof sheathing.
- B. Section 079200 - Joint Sealants: Sealing joints between metal roof panel system and adjacent construction.

**1.03 REFERENCE STANDARDS**

- A. ASTM A653/A653M - Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process; 2022.
- B. ASTM D1970/D1970M - Standard Specification for Self-Adhering Polymer Modified Bituminous Sheet Materials Used as Steep Roofing Underlayment for Ice Dam Protection; 2021.
- C. ASTM E1592 - Standard Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference; 2005 (Reapproved 2017).

**1.04 SUBMITTALS**

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
  - 1. Storage and handling requirements and recommendations.
  - 2. Installation methods.
- B. Shop Drawings: Include layouts of roof panels, details of edge and penetration conditions, spacing and type of connections, flashings, underlayments, and special conditions.
  - 1. Show work to be field-fabricated or field-assembled.
- C. Selection Samples: For each roofing system specified, submit color chips representing manufacturer's full range of available colors and patterns.
- D. Warranty: Submit specified manufacturer's warranty and ensure that forms have been completed in Owner's name and are registered with manufacturer.
  - 1. 20-year non-prorated warranty covering fade, chalking and film integrity. The material shall not show a color change greater than 5 NBS color units per ASTM D2244, or chalking excess of 8 units per ASTM D659. If either occurs, material shall be replaced per warranty at no cost to the Owner.

**1.05 QUALITY ASSURANCE**

- A. Manufacturer Qualifications: Company specializing in manufacturing products specified in this section and with at least three years of documented experience.

**1.06 WARRANTY**

- A. Per Iowa Statute.

**PART 2 PRODUCTS**

**2.01 MANUFACTURERS**

- A. Architectural Metal Roof Panel Manufacturers:
  - 1. ATAS International, Inc; Colonial Seam: [www.atas.com/#sle](http://www.atas.com/#sle).
  - 2. Elevate: [www.holcimelevate.com/#sle](http://www.holcimelevate.com/#sle).
  - 3. MBCI, a Cornerstone Building Brands Company; 5V Crimp Panel: [www.mbc.com/#sle](http://www.mbc.com/#sle).
  - 4. Metal Roofing Systems, Inc; System 1000 - Metal Roof Panels: [www.metalroofingsystems.biz/#sle](http://www.metalroofingsystems.biz/#sle).
  - 5. Metl-Span, a Nucor Company: [www.metlspan.com/#sle](http://www.metlspan.com/#sle).
  - 6. Petersen Aluminum Corporation; PAC T-250 Panel: [www.pac-clad.com/#sle](http://www.pac-clad.com/#sle).

7. Substitutions: Architect Pre-Approved Equal.

## 2.02 PERFORMANCE REQUIREMENTS

- A. Metal Roof Panels: Provide complete roofing assemblies, including roof panels, clips, fasteners, connectors, and miscellaneous accessories, tested for compliance with the following minimum standards:
1. Structural Design Criteria: Provide panel assemblies designed to safely support design loads at support spacing indicated, with deflection not to exceed  $L/180$  of span length(L) when tested in accordance with ASTM E1592.
  2. Overall: Complete weathertight system tested and approved in accordance with ASTM E1592.
  3. Thermal Movement: Design system to accommodate without deformation anticipated thermal movement over ambient temperature range of 100 degrees F (56 degrees C).

## 2.03 METAL ROOF PANELS

- A. Metal Roof Panels: Provide complete engineered system complying with specified requirements and capable of remaining weathertight while withstanding anticipated movement of substrate and thermally induced movement of roofing system.
- B. Metal Panels: Factory-formed panels with factory-applied finish.
1. Steel Panels:
    - a. Zinc-coated steel complying with ASTM A653/A653M; minimum G60 (Z180) galvanizing.
    - b. Steel Thickness: Minimum 24 gauge, 0.024 inch (0.61 mm).
  2. Profile: Standing seam, with minimum 2-inch (51 mm) seam height; concealed fastener system for field seaming with special tool.
  3. Texture: Smooth.
  4. Length: Full length of roof slope, without lapped horizontal joints.
  5. Width: Maximum panel coverage of 24 inches (610 mm).

## 2.04 ATTACHMENT SYSTEM

- A. Concealed System: Provide manufacturer's standard stainless steel or nylon-coated aluminum concealed anchor clips designed for specific roofing system and engineered to meet performance requirements, including anticipated thermal movement.

## 2.05 FABRICATION

- A. Panels: Provide factory or field fabricated panels with applied finish and accessory items, using manufacturer's standard processes as required to achieve specified appearance and performance requirements.
- B. Joints: Provide captive gaskets, sealants, or separator strips at panel joints to ensure weathertight seals, eliminate metal-to-metal contact, and minimize noise from panel movements.

## 2.06 ACCESSORIES

- A. Miscellaneous Sheet Metal Items: Provide flashings, gutters, downspouts, trim, moldings, closure strips, preformed crickets, caps, and equipment curbs of the same material, thickness, and finish as used for the roofing panels. Items completely concealed after installation may optionally be made of stainless steel.
- B. Rib and Ridge Closures: Provide prefabricated, close-fitting components of steel with corrosion resistant finish or combination steel and closed-cell foam.
- C. Sealants:
1. Exposed Sealant: Elastomeric; silicone, polyurethane, or silyl-terminated polyether/polyurethane.
  2. Concealed Sealant: Non-curing butyl sealant or tape sealant.
  3. Seam Sealant: Factory-applied, non-skinning, non-drying type.

- D. Underlayment: Self-adhering polymer modified asphalt sheet complying with ASTM D1970/D1970M, with strippable release film and top surface of woven polypropylene sheet.
1. Sheet Thickness: 22 mils, 0.022 inch (0.55 mm), minimum.
  2. Self Sealability: Nail sealability in accordance with ASTM D1970/D1970M.
  3. Products:
    - a. Certaineed Roofing; WinterGuard HT - High Temperature Waterproofing Underlayment: [www.certainteed.com/#sle](http://www.certainteed.com/#sle).
    - b. Henry Company; Blueskin RF200: [www.henry.com/#sle](http://www.henry.com/#sle).
    - c. Henry Company; Blueskin PE200HT: [www.henry.com/#sle](http://www.henry.com/#sle).
    - d. Polyglass USA, Inc; Polystick MTS Self-Adhered High Temperature Roof Underlayment: [www.polyglass.us/#sle](http://www.polyglass.us/#sle).
    - e. Protecto Wrap Company; Protecto Jiffy Seal Ice and Water Guard HT: [www.protectowrap.com/#sle](http://www.protectowrap.com/#sle).
    - f. System Components Corporation, Inc; FelTex SA300: [www.systemcomponents.net/#sle](http://www.systemcomponents.net/#sle).
    - g. Substitutions: Architect Pre-approved equal.
- E. Snowguards: Mechanically fastened snowguard anchor system with horizontal element suitable to inhibit snow/ice sliding from roof.
1. Profile: Match Existing (reuse existing if practical)
  2. Anchoring: Mechanically attached (friction and compression) to vertical standing seam. Do not penetrate metal panel.

## **PART 3 EXECUTION**

### **3.01 PREPARATION**

- A. Coordinate roofing work with provisions for roof drainage, flashing, trim, penetrations, and other adjoining work to ensure that completed roof will be free of leaks.
- B. Separate dissimilar metals by applying a bituminous coating, self-adhering rubberized asphalt sheet, or other permanent method approved by metal roof panel manufacturer.
- C. At locations where metal will be in contact with wood or other absorbent material subject to wetting, seal joints with sealing compound and apply one coat of heavy-bodied bituminous paint.

### **3.02 INSTALLATION**

- A. Overall: Install roofing system in accordance with approved shop drawings and metal roof panel manufacturer's instructions and recommendations, as applicable to specific project conditions; securely anchor components of roofing system in place allowing for thermal and structural movement.
  1. Install roofing system with concealed clips and fasteners, except as otherwise recommended by manufacturer for specific circumstances.
  2. Minimize field cutting of panels. Where field cutting is required, use methods that will not distort panel profiles. Use of torches for field cutting is prohibited.
- B. Accessories: Install necessary components that are required for complete roofing assembly, including flashings, gutters, downspouts, trim, moldings, closure strips, preformed crickets, caps, equipment curbs, rib closures, ridge closures, and similar roof accessory items.
- C. Roof Panels: Install metal roof panels in accordance with manufacturer's installation instructions, minimizing transverse joints except at junction with penetrations.
  1. Form weathertight standing seams incorporating concealed clips, using an automatic mechanical seaming device approved by panel manufacturer.
  2. Install sealant or sealant tape at end laps and side joints as recommended by metal roof panel manufacturer.

**END OF SECTION**

**SECTION 079200  
JOINT SEALANTS**

**PART 1 GENERAL**

**1.01 SECTION INCLUDES**

- A. Nonsag gunnable joint sealants.
- B. Joint backings and accessories.

**1.02 REFERENCE STANDARDS**

- A. ASTM C920 - Standard Specification for Elastomeric Joint Sealants; 2018.
- B. ASTM C1193 - Standard Guide for Use of Joint Sealants; 2016.
- C. SCAQMD 1168 - Adhesive and Sealant Applications; 1989, with Amendment (2022).

**1.03 SUBMITTALS**

- A. Product Data: Submit manufacturer's technical datasheets for each product to be used; include the following:
  - 1. Physical characteristics, including movement capability, VOC content, hardness, cure time, and color availability.
  - 2. List of backing materials approved for use with the specific product.
  - 3. Substrates that product is known to satisfactorily adhere to and with which it is compatible.
  - 4. Substrates the product should not be used on.
- B. Product Data for Accessory Products: Submit manufacturer's technical data sheet for each product to be used, including physical characteristics, installation instructions, and recommended tools.
- C. Color Cards for Selection: Where sealant color is not specified, submit manufacturer's color cards showing standard colors available for selection.

**1.04 WARRANTY**

- A. Manufacturer Warranty: Provide standard manufacturer warranty for installed sealants and accessories that fail to achieve a watertight seal, exhibit loss of adhesion or cohesion, or do not cure. Complete forms in Owner's name and register with manufacturer.

**PART 2 PRODUCTS**

**2.01 MANUFACTURERS**

- A. Nonsag Sealants:
  - 1. Dow; [www.dow.com/#sle](http://www.dow.com/#sle).
  - 2. Master Builders Solutions; [www.master-builders-solutions.com/en-us/#sle](http://www.master-builders-solutions.com/en-us/#sle).
  - 3. Pecora Corporation; [www.pecora.com/#sle](http://www.pecora.com/#sle).
  - 4. Tremco Commercial Sealants & Waterproofing; [www.tremcosealants.com/#sle](http://www.tremcosealants.com/#sle).
  - 5. Substitutions: Architect Pre-approved equal.

**2.02 JOINT SEALANT APPLICATIONS**

- A. Scope:
  - 1. Do not seal the following types of joints:
    - a. Intentional weep holes in masonry.
    - b. Joints indicated to be treated with manufactured expansion joint cover, or some other type of sealing device.
    - c. Joints where sealant is specified to be provided by manufacturer of product to be sealed.
    - d. Joints where installation of sealant is specified in another section.
    - e. Joints between suspended panel ceilings/grid and walls.
- B. Type S - Exterior Joints: Use nonsag polyurethane sealant, unless otherwise indicated.

### 2.03 JOINT SEALANTS - GENERAL

- A. Sealants and Primers: Provide products having lower volatile organic compound (VOC) content than indicated in SCAQMD 1168.

### 2.04 NONSAG JOINT SEALANTS

- A. Polyurethane Sealant: ASTM C920, Grade NS, Uses M and A; single or multi-component; not expected to withstand continuous water immersion or traffic.
  - 1. Movement Capability: Plus and minus 35 percent, minimum.
  - 2. Color: Match adjacent finished surfaces.
  - 3. Products:
    - a. Pecora Corporation; DynaFlex: [www.pecora.com/#sle](http://www.pecora.com/#sle).
    - b. Tremco Commercial Sealants & Waterproofing; Dymonic 100: [www.tremcosealants.com/#sle](http://www.tremcosealants.com/#sle).
    - c. Tremco Commercial Sealants & Waterproofing; Vulkem 116: [www.tremcosealants.com/#sle](http://www.tremcosealants.com/#sle).
    - d. Substitutions: Architect Pre-Approved equal.

### 2.05 ACCESSORIES

- A. Backer Rod: Cylindrical cellular foam rod with surface that sealant will not adhere to, compatible with specific sealant used, and recommended by backing and sealant manufacturers for specific application.
  - 1. Type for Joints Not Subject to Pedestrian or Vehicular Traffic: ASTM C1330; Type O - Open Cell Polyurethane.
- B. Joint Cleaner: Noncorrosive and nonstaining type, type recommended by sealant manufacturer; compatible with joint forming materials.

## PART 3 EXECUTION

### 3.01 EXAMINATION

- A. Verify that joints are ready to receive work.
- B. Verify that backing materials are compatible with sealants.
- C. Preinstallation Adhesion Testing: Install a sample for each test location indicated in the test plan.
  - 1. Test each sample as specified in PART 1 under QUALITY ASSURANCE article.
  - 2. Notify Architect of date and time that tests will be performed, at least seven days in advance.
  - 3. Record each test on Preinstallation Adhesion Test Log as indicated.
  - 4. If any sample fails, review products and installation procedures, consult manufacturer, or take other measures that are necessary to ensure adhesion; retest in a different location; if unable to obtain satisfactory adhesion, report to Architect.
  - 5. After completion of tests, remove remaining sample material and prepare joints for new sealant installation.

### 3.02 PREPARATION

- A. Remove loose materials and foreign matter that could impair adhesion of sealant.
- B. Clean joints, and prime as necessary, in accordance with manufacturer's instructions.
- C. Perform preparation in accordance with manufacturer's instructions and ASTM C1193.
- D. Mask elements and surfaces adjacent to joints from damage and disfigurement due to sealant work; be aware that sealant drips and smears may not be completely removable.

### 3.03 INSTALLATION

- A. Install this work in accordance with sealant manufacturer's requirements for preparation of surfaces and material installation instructions.

SECTION 079200

---

- B. Provide joint sealant installations complying with ASTM C1193.
- C. Install bond breaker backing tape where backer rod cannot be used.
- D. Install sealant free of air pockets, foreign embedded matter, ridges, and sags, and without getting sealant on adjacent surfaces.
- E. Do not install sealant when ambient temperature is outside manufacturer's recommended temperature range, or will be outside that range during the entire curing period, unless manufacturer's approval is obtained and instructions are followed.
- F. Nonsag Sealants: Tool surface concave, unless otherwise indicated; remove masking tape immediately after tooling sealant surface.

**END OF SECTION**

**Exhibit F Project Drawings**

DOC 1JD DRF Roof Repair/Replacement  
First District Residential Correctional Facility  
1494 Elm St., Dubuque, Iowa 52001  
Request for Quote RFQ944600-01

**Due March 06, 2025 at 2:00 PM (CT)**

**BUILDING INFORMATION**

APPLICABLE BUILDING CODE - 2015 IEBC AND IPC  
CLASSIFICATION OF WORK - REPAIR

REPLACEMENT OF DAMAGED MATERIALS (ROOF FLASHING) FOR THE PURPOSE OF MAINTAINING COMPONENTS IN SOUND CONDITION WITH RESPECT TO EXISTING LOADS OR PERFORMANCE REQUIREMENTS.  
CONFORMANCE REQUIREMENT (601.2) - THE WORK SHALL NOT MAKE THE BUILDING LESS CONFORMING THAT IT WAS BEFORE THE REPAIR WAS UNDERTAKEN.

EXISTING GUTTER AND DOWNSPOUT SIZE VALIDATED PER IPC 1106

**DESIGN CRITERIA**

ULTIMATE WIND SPEED (Vult)	115 MPH
EXPOSURE	B
INTERNAL PRESSURE COEFFICIENT	+/- 0.18
BASIS OF DESIGN	FM 1-90

**PROJECT DIRECTORY**

**CLIENT**  
DEPARTMENT OF ADMINISTRATIVE SERVICES  
FIRST JUDICIAL DISTRICT  
109 SE 13TH STREET  
DES MOINES, IA 50319  
CLIENT'S REPRESENTATIVE: JENNIFER KLEENE  
PHONE: 515.822.8197  
EMAIL: [jennifer.kleene@iowa.gov](mailto:jennifer.kleene@iowa.gov)

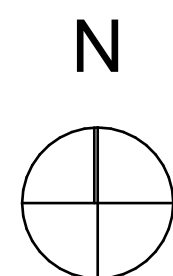
**CONSTRUCTION MANAGER**  
DCI GROUP  
220 SE 6TH STREET SUITE 200  
DES MOINES, IA 50309  
PROJECT MANAGER: MICHAEL STEEN  
PHONE: 515.975.8348  
EMAIL: [michaels@dcigroup-us.com](mailto:michaels@dcigroup-us.com)

**ARCHITECT**  
HORIZON ARCHITECTURE  
3116 ALPINE COURT IOWA CITY IA 52245  
PHONE: (563) 506-4985  
CONTACT: MICHAEL NOLAN, AIA  
EMAIL: [MICHAEL@HORIZON-ARCHITECTURE.COM](mailto:MICHAEL@HORIZON-ARCHITECTURE.COM)

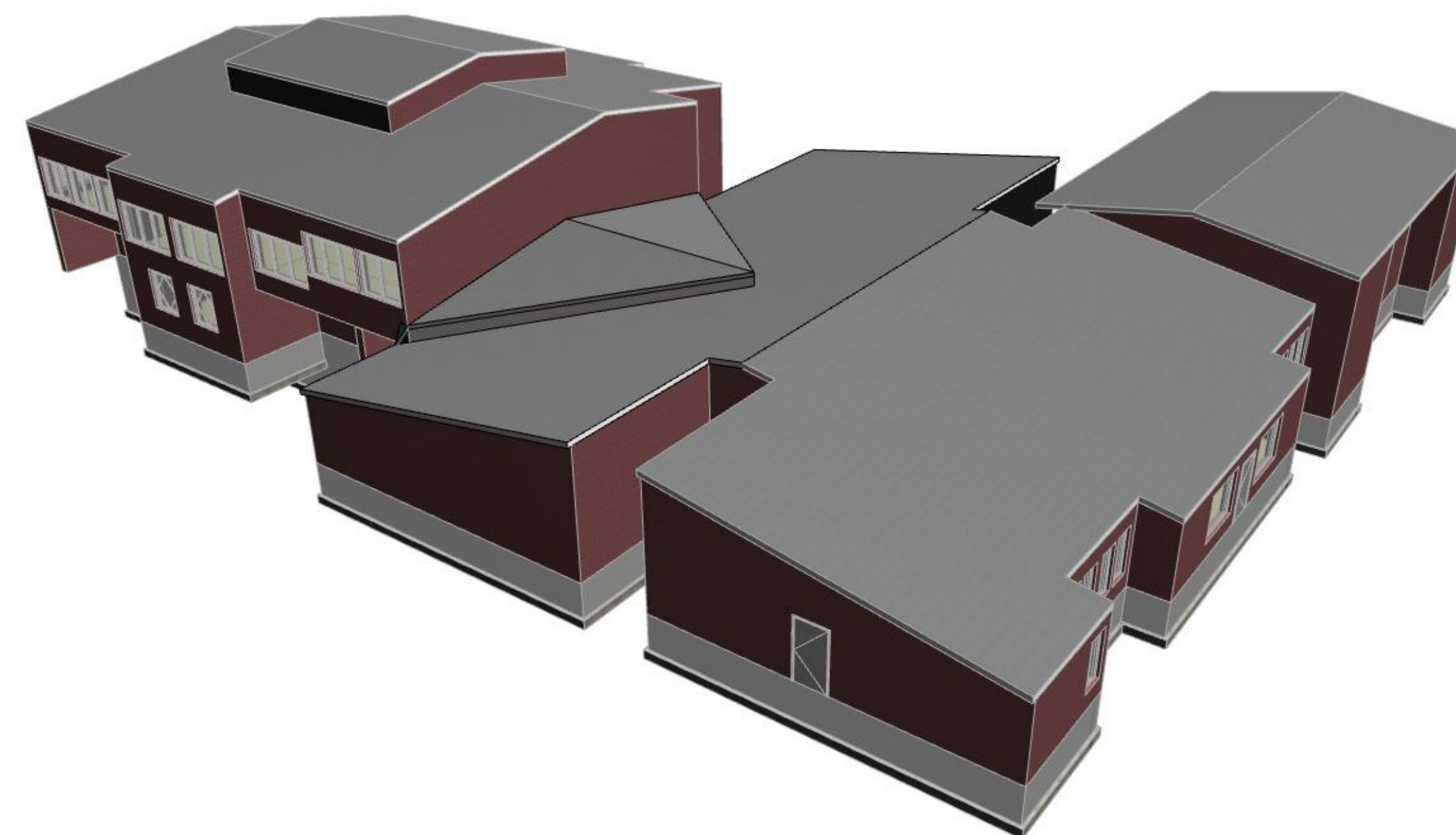
# 9446.00 DUBUQUE RESIDENTIAL FACILITY ROOF REPAIR/REPLACEMENT

1494 Elm St, Dubuque, IA 52001

SHEET INDEX	
ID	Name
C-101	COVER SHEET
A-101	ROOF DEMO PLAN
A-102	ROOF NEW CONSTRUCTION PL...
A-301	ENLARGED PLAN AND SECTIONS
A-302	CRICKET DETAILS
A-401	ROOF DETAILS



**SITE ACCESS KEY PLAN**



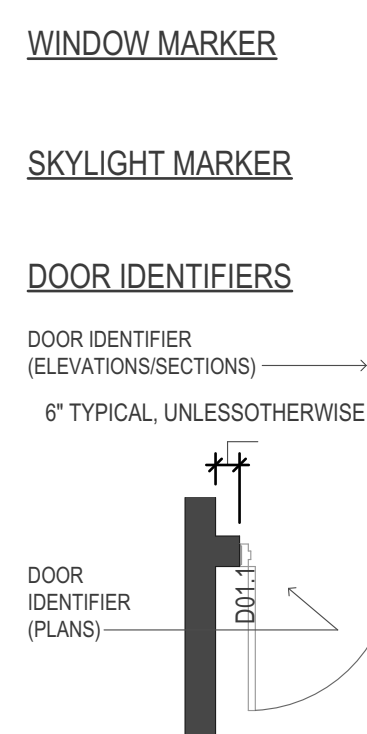
**9446.00 Dubuque Residential Facility Roof Repair**

1494 ELM STREET  
DUBUQUE, IA 52001

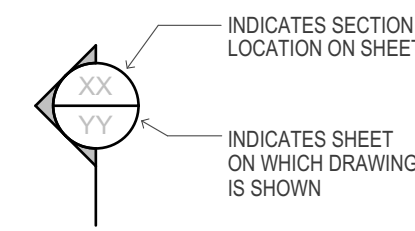
**ABBREVIATIONS**

AD. AREA DRAIN	DN. DOWN	HORIZ. HORIZONTAL	PL. LAM. PLASTIC LAMINATE	UL. UNDERWRITERS
ABV. ABOVE	DWG. DRAWING	HT. HEIGHT	QTY. QUANTITY	LABORATORIES
ADA. ACCESSIBLE / AMERICANS	DEPT. DEPARTMENT	INSUL. INSULATION / INSULATING	R. RISER	VEST. VESTIBULE
WITH DISABILITIES ACT	DBL. DOUBLE	ID. INSIDE DIAMETER	R.W.C. RAIN WATER CONDUCTOR	V.C.T. VINYL COMPOSITION
ADJ. ADJUSTABLE	DIM. DIMENSION	INCAND. INCANDESCENT	REINF. REINFORCING / REINFORCED	TILE TILE
A.G.R. AREA OF REFUGE	DR. DOOR	JAN. JANITOR	REQ. REQUIRED	W. WITH
ALUM. ALUMINUM	EXIST. EXISTING	JT. JOINT	R.O. ROUGH OPENING	W.C. WATER CLOSET
ALT. ALTERNATE	EQ. EQUAL	LBS. POUNDS	REV. REVISED / REVISION	WD. WOOD
A.F.F. ABOVE FINISHED FLOOR	E.C. ELECTRICAL CONTRACTOR	LAV. LAVATORY	REFL. REFLECTED	
AC. ACOUSTIC / ACOUSTICAL	EL. ELEVATION	LAM. LAMINATE	REC. RECESSED	& AND
A.F. ALUMINUM FACE	ELEV. ELEVATOR	L.P. LOW POINT	RAD. RADIUS	@ AT
APPK. APPROXIMATE / APPROXIMATELY	ELEC. ELECTRIC / ELECTRICAL	MAX. MAXIMUM	S.S. STAINLESS STEEL	± PLUS OR MINUS
BD. BOARD	EXP. EXPANSION	MFR. MANUFACTURER / MANUFACTURED	ST. STREET	° DEGREE
BLK. BLOCK / BLOCKING	EA. EACH	MTL. METAL	SIM. SIMILAR	∠ ANGLE
BLDG. BUILDING	F.D. FLOOR DRAIN	MIN. MINIMUM	STL. STEEL	CHANNEL NUMBER
B.O. BOTTOM OF	F.E. FIRE EXTINGUISHER	MIR. MIRROR	SQ. SQUARE	# NUMBER
B.O.S. BOTTOM OF STEEL	F.E.C. FIRE EXTINGUISHER	MTD. MOUNTED	SQ. SQUARE	□ SQUARE
CAB. CABINET	CABINET	M.O. MASONRY OPENING	STD. STANDARD	○ ROUND / DIAMETER
C.C. CENTER-TO-CENTER	FIN. FINISH / FINISHED	MISC. MISCELLANEOUS	STD. STANDARD	∕ ∕ CL. CENTER LINE
C.C. CEILING	FLR. FLOOR	MISC. MECHANICAL	SPEC. SPECIFICATION	∕ ∕ PL. PLATE
CLOS. CLOSET	F.O. FACE OF	N.I.C. NOT IN CONTRACT	TEL. TELEPHONE	∕ ∕ LG. LEG-GAR
C.M. CONSTRUCTION MANAGER	FT. FEET / FOOT	NO. NUMBER	T.O. TOP OF	
C.M.U. CONCRETE MASONRY UNIT	FLUR. FLOOR FINISH	N.T.S. NOT TO SCALE	T.O.W. TOP OF WALL	
CONC. CONCRETE	CONTR. CONTROL JOINT	O.C. ON CENTER	TOL. TOLERANCE	
CORR. CORRIDOR	GALV. GALVANIZED	O.D. OUTSIDE DIAMETER	TYP. TYPICAL	
COL. COLUMN	GA. GAUGE	OPP. OPPOSITE	THK. THICK	
CONT. CONTINUE / CONTINUOUS	G.C. GENERAL CONTRACTOR	OPG. OPENING	TMP. TEMPERED	
CONTR. CONTRACTOR	HR. HOUR	P.L.C. PLUMBING CONTRACTOR	T.S.G. TEMPERED SAFETY GLASS	
DIA. DIAMETER	H.P. HIGH POINT	P.F. PANEL FACE	U.O.N. UNLESS OTHERWISE NOTED	
DET. DETAIL	HVAC HEAT, VENTILATION, AIR-CONDITIONING	PR. PAIR		
		P.T. PRESSURE TREATED		

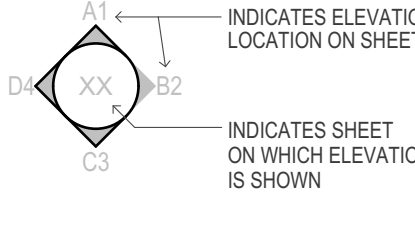
**GRAPHIC SYMBOLS**



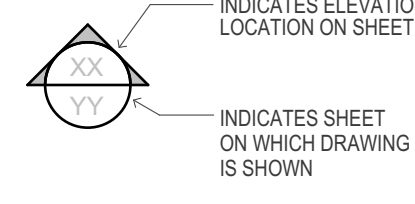
**SECTION / DETAIL MARKER**



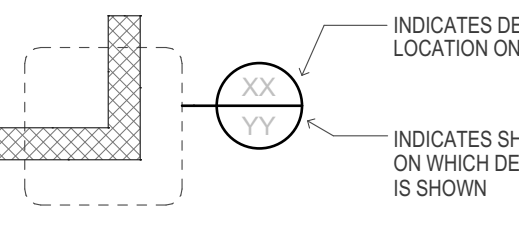
**INTERIOR ELEVATION MARKER**



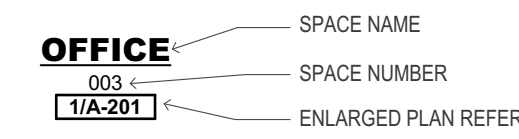
**ELEVATION / SECTION MARKER**



**DETAIL / ENLARGED PLAN MARKER**



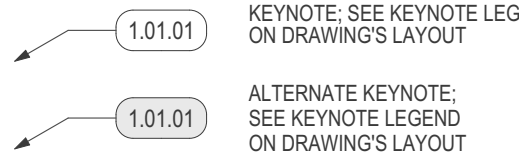
**SPACE DESIGNATION**



**WALL TYPE MARKER**



**KEYNOTE IDENTIFIER**



I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED HEREIN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF IOWA.

MICHAEL NOLAN  
LICENSE NUMBER 06926.

2/14/2025  
DATE

MY LICENSE RENEWAL DATE IS JUNE 30, 2025.

PAGES OR SHEETS COVERED BY THIS SEAL: C-101 THRU A-401

ISSUED FOR BIDDING

PROJECT NO: #PIn  
DATE: 2/14/2025  
DRAWN BY: MSN  
COPYRIGHT

SHEET TITLE

**COVER SHEET**

**C-101**

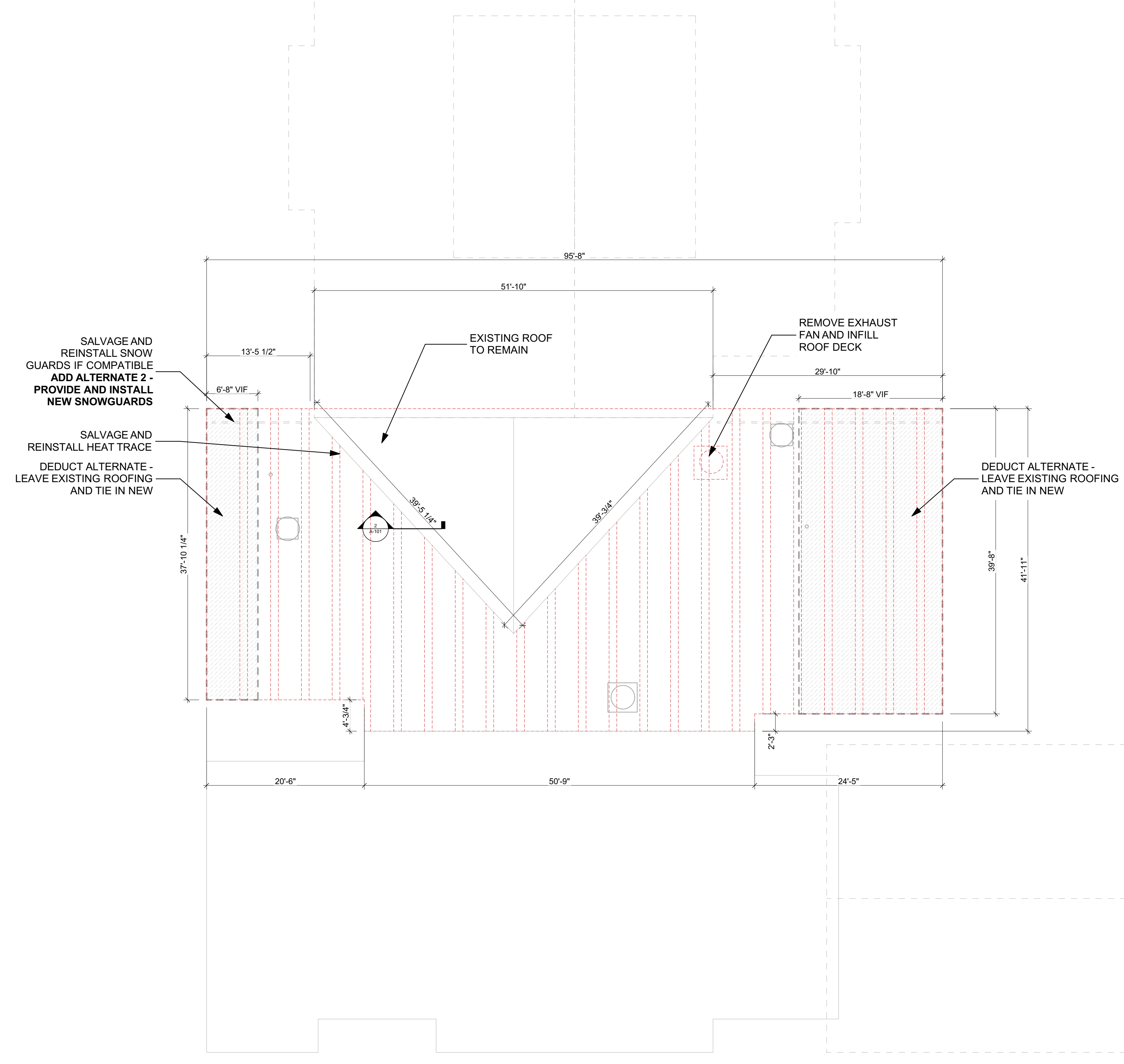
MARK	DATE	DESCRIPTION

C:\Users\miken\Horizon Architecture\Projects\General Projects\G24-039 DRF Roof Repairs\1 - Model and Design\DRF Roof Repairs.pln

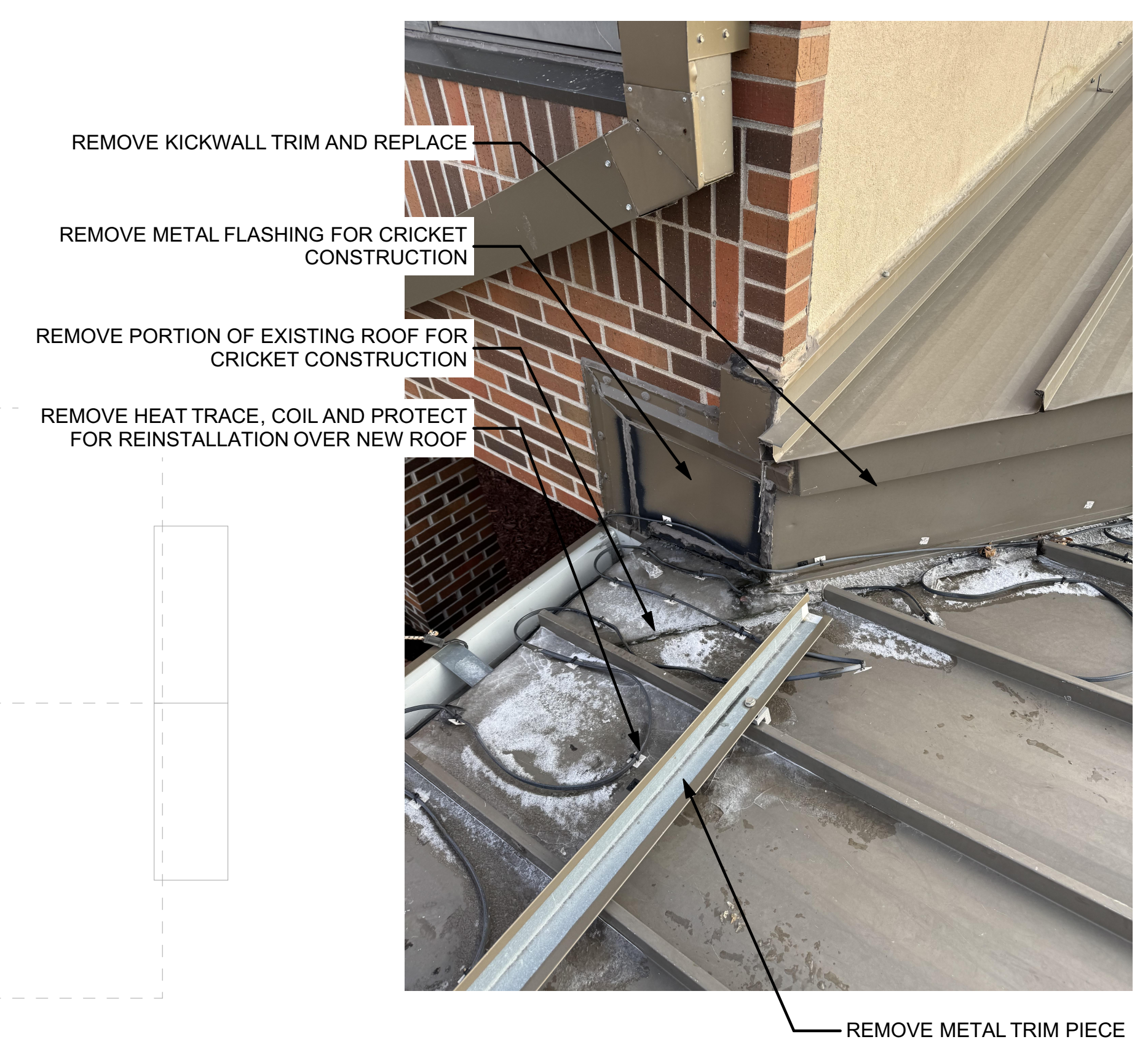
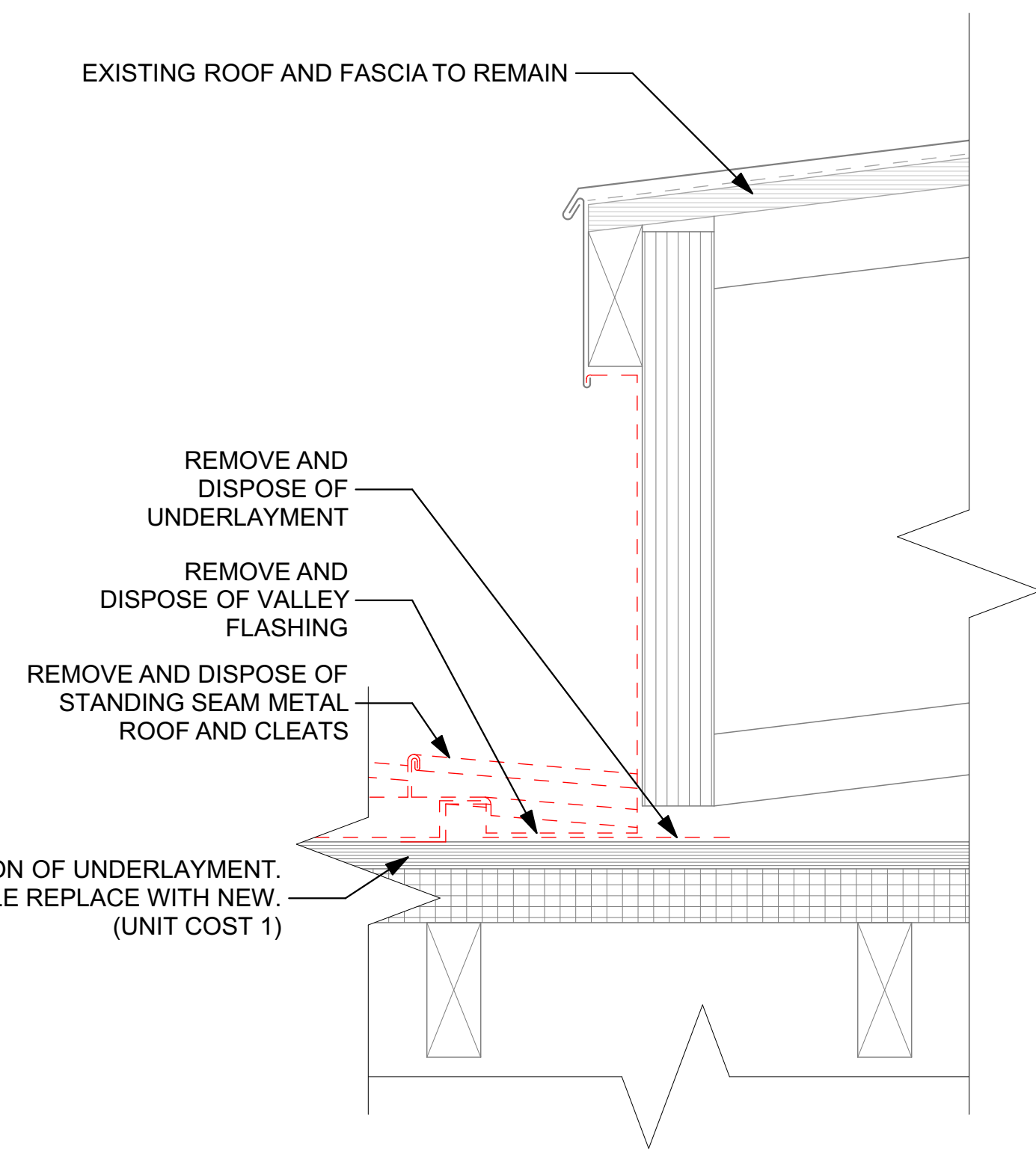
**GENERAL DEMOLITION NOTE**

- PROVIDE TEMPORARY ROOF COVERING TO ENSURE WATERTIGHT PROTECTION DURING CONSTRUCTION OR ONLY REMOVE AREA THAT CAN BE REPLACED AND FLASHED TO EXISTING SYSTEM DURING SAME WORK PERIOD.

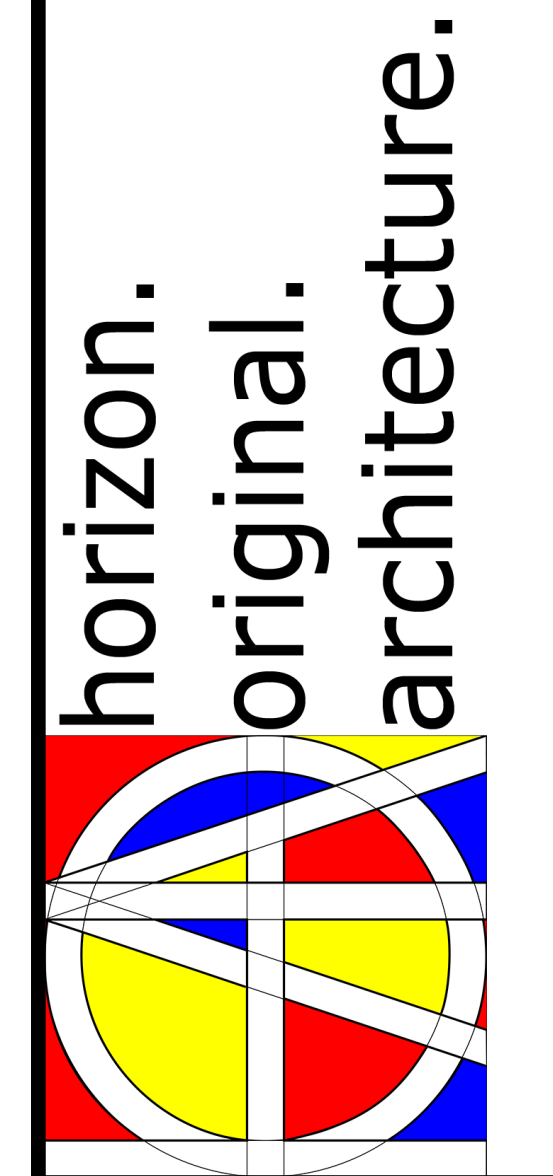
PROVIDE UNIT COST FOR DAMAGED NAIL BASE PLYWOOD/INSULATION ROOF SHEATHING PER 4'X8' SHEET INCLUDING REMOVAL AND REPLACEMENT. INCLUDE 640 S.F. (20 SHEETS) IN BASE BID.



2 ROOF ADDITION CONNECTION DEMO  
SCALE: 3" = 1'-0"



1 ROOF PLAN DEMO  
SCALE: 1/8" = 1'-0"



**9446.00 Dubuque Residential Facility Roof Repair**

1494 ELM STREET  
DUBUQUE, IA 52001

MARK	DATE	DESCRIPTION

PROJECT NO: #PIn  
DATE: 2/14/2025  
DRAWN BY: MSN  
COPYRIGHT

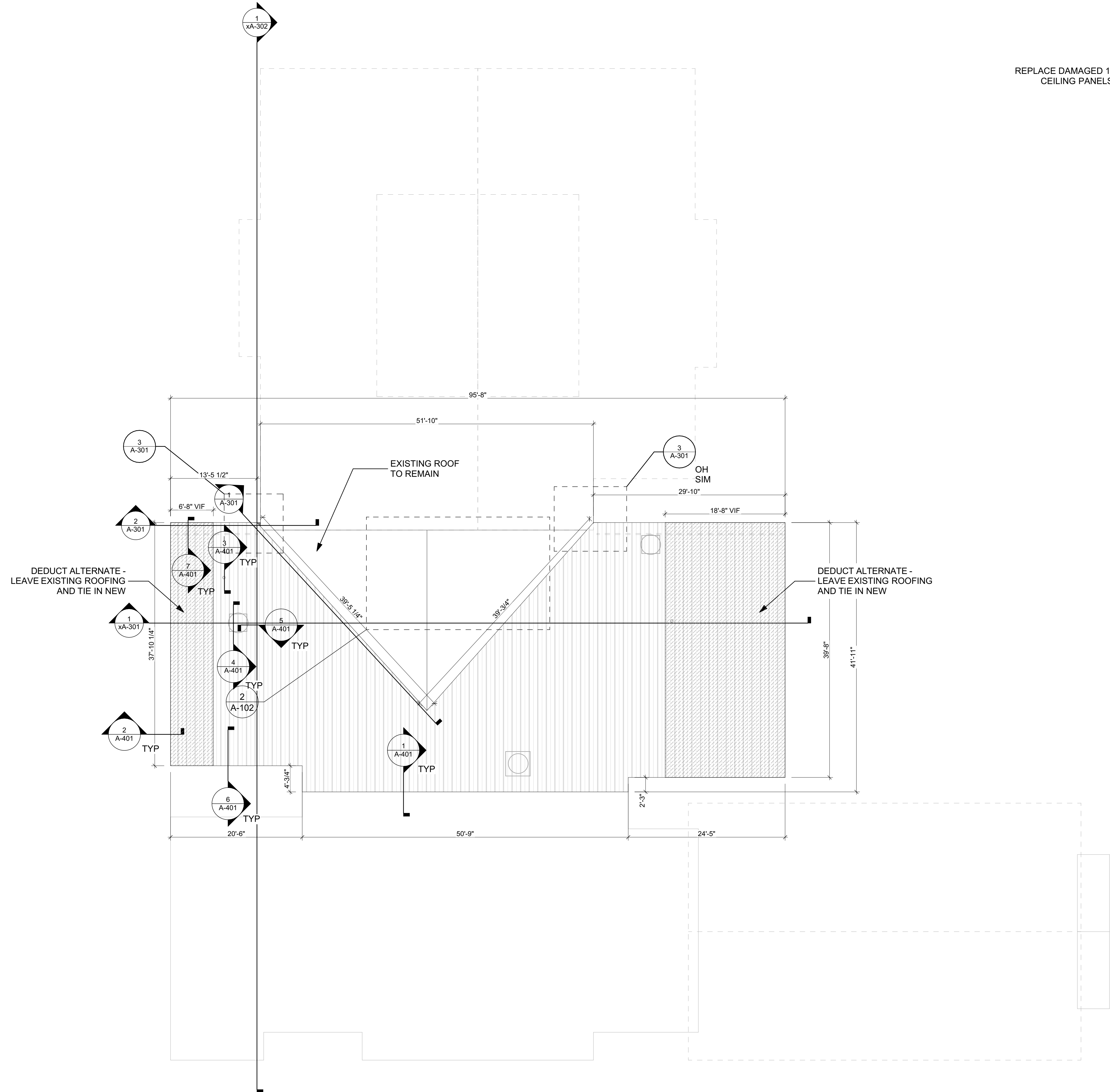
SHEET TITLE  
**ROOF DEMO PLAN**

**A-101**

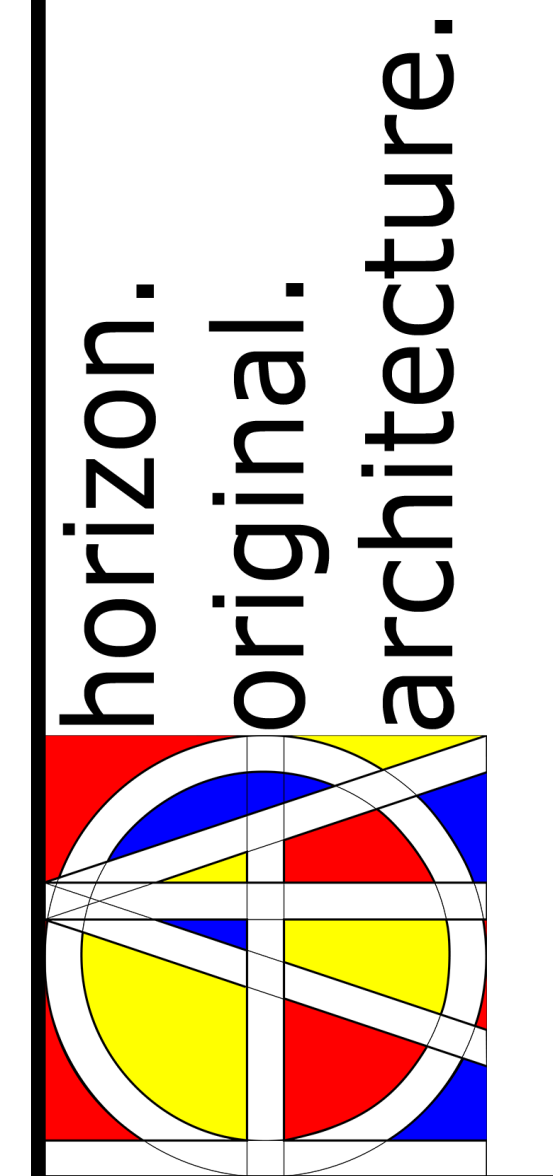
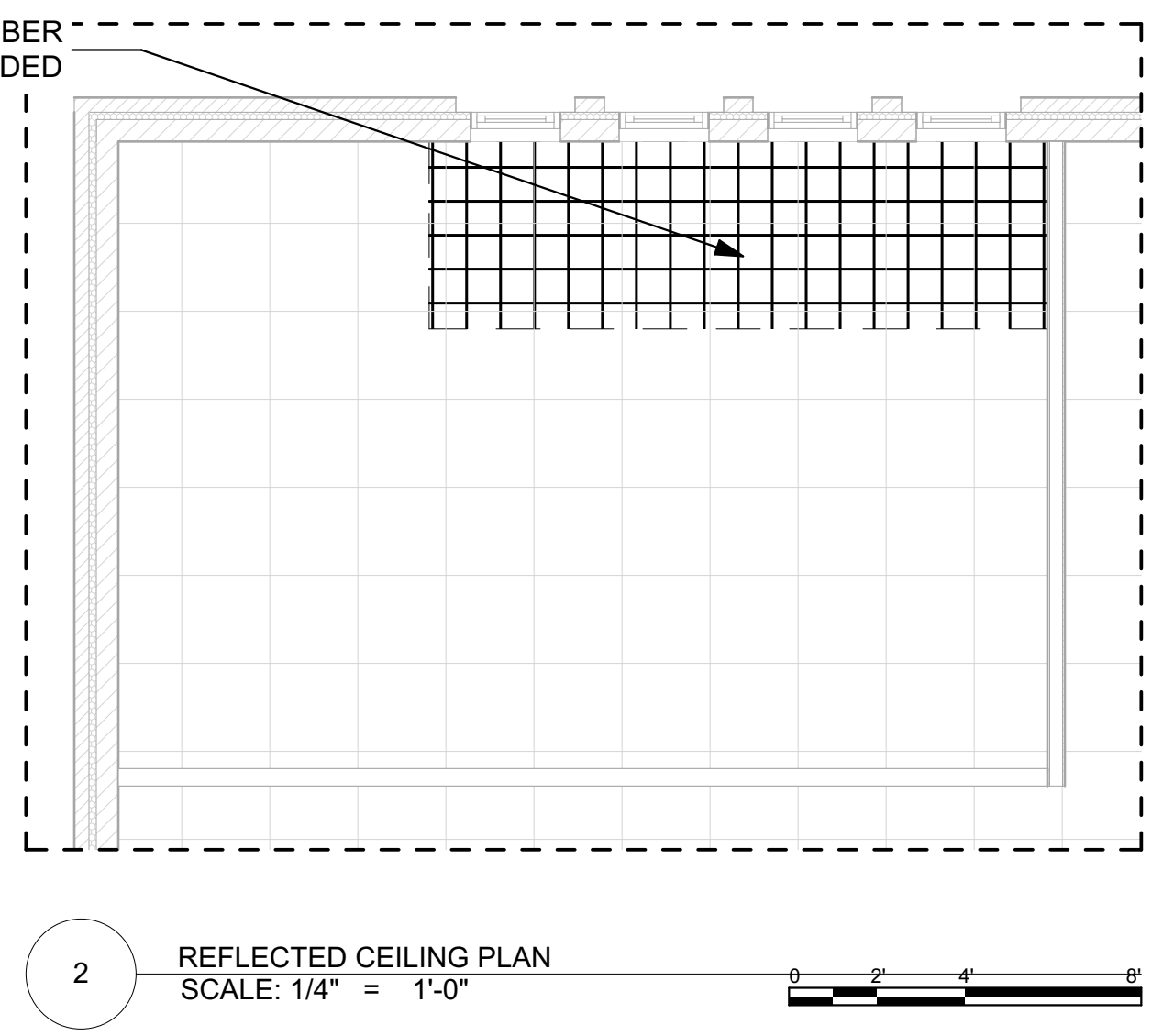
ISSUED FOR BIDDING

C:\Users\miken\Horizon Architecture\Horizon Architecture - Documents\Projects\General Projects\G24-039 DRF Roof Repairs.pln

C:\Users\miken\Horizon Architecture - Documents\Projects\General Projects\G24-039 DRF Roof Repairs\1 - Model and Design\DRF Roof Repairs.pln



1 ROOF PLAN NEW  
SCALE: 1/8" = 1'-0"



**9446.00 Dubuque Residential Facility Roof Repair**

1494 ELM STREET  
DUBUQUE, IA 52001

MARK	DATE	DESCRIPTION

PROJECT NO: #Pln  
DATE: 2/14/2025  
DRAWN BY: MSN  
COPYRIGHT

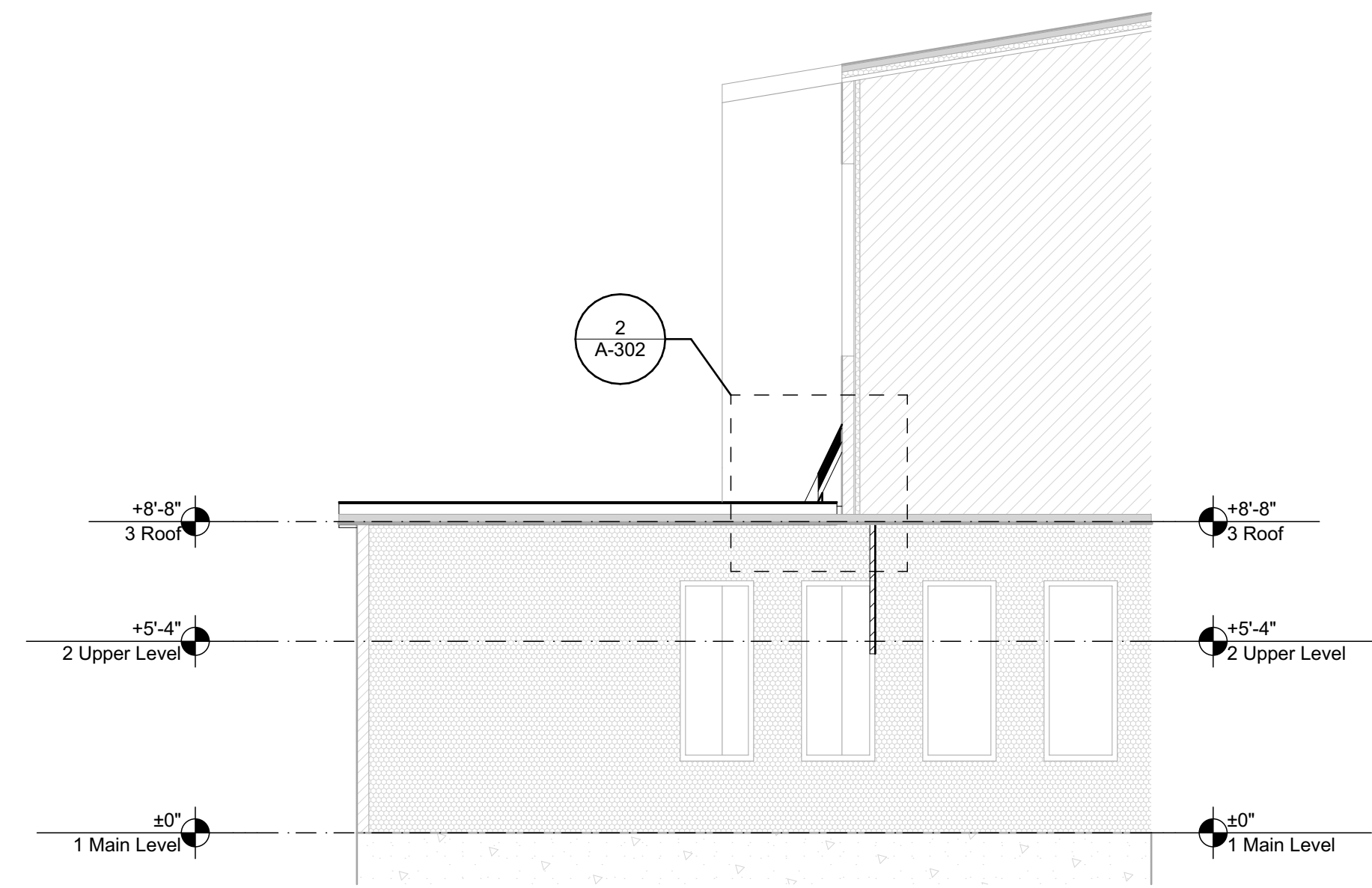
SHEET TITLE  
**ROOF NEW CONSTRUCTION PLAN**

**A-102**

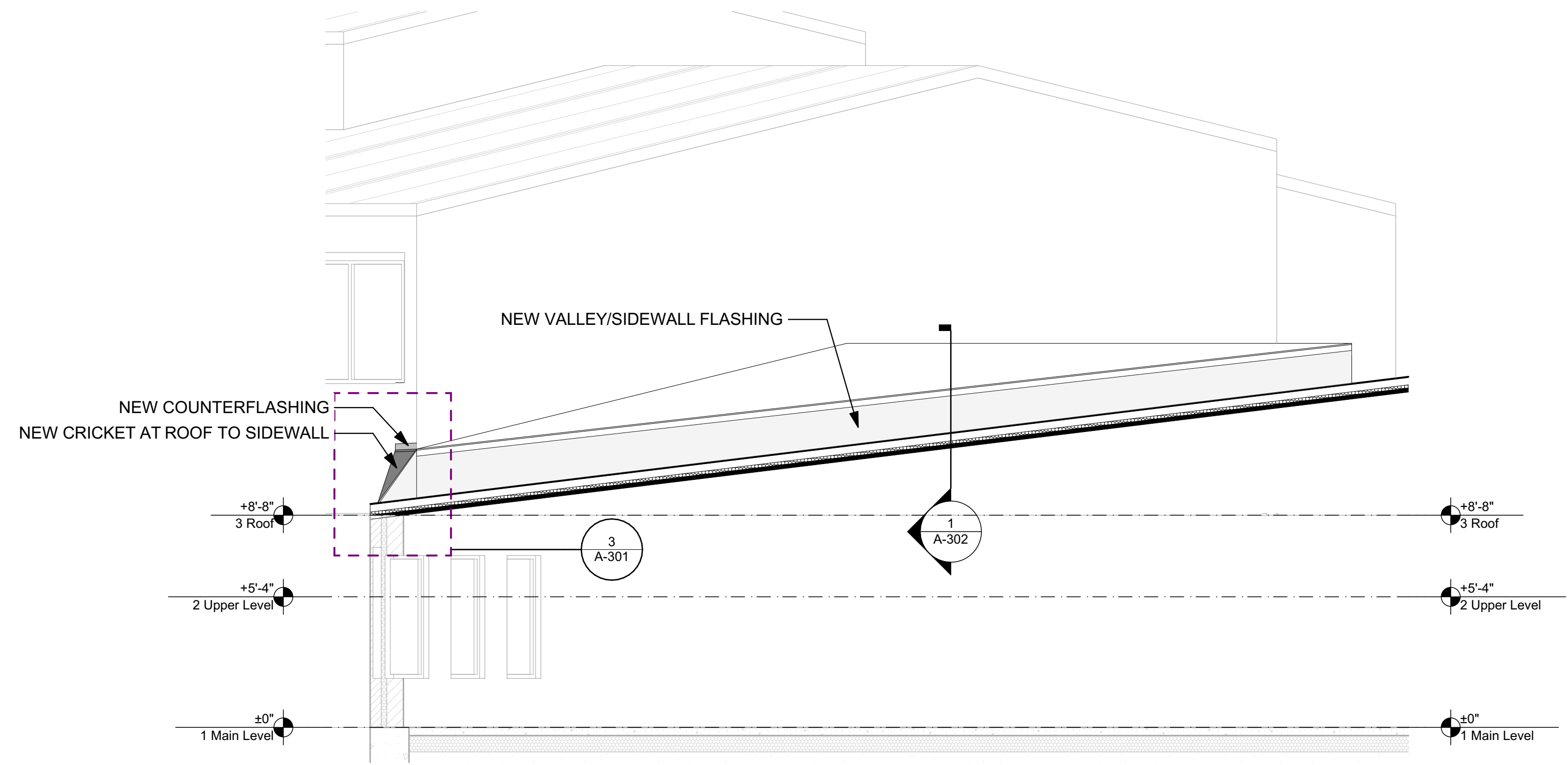
ISSUED FOR BIDDING



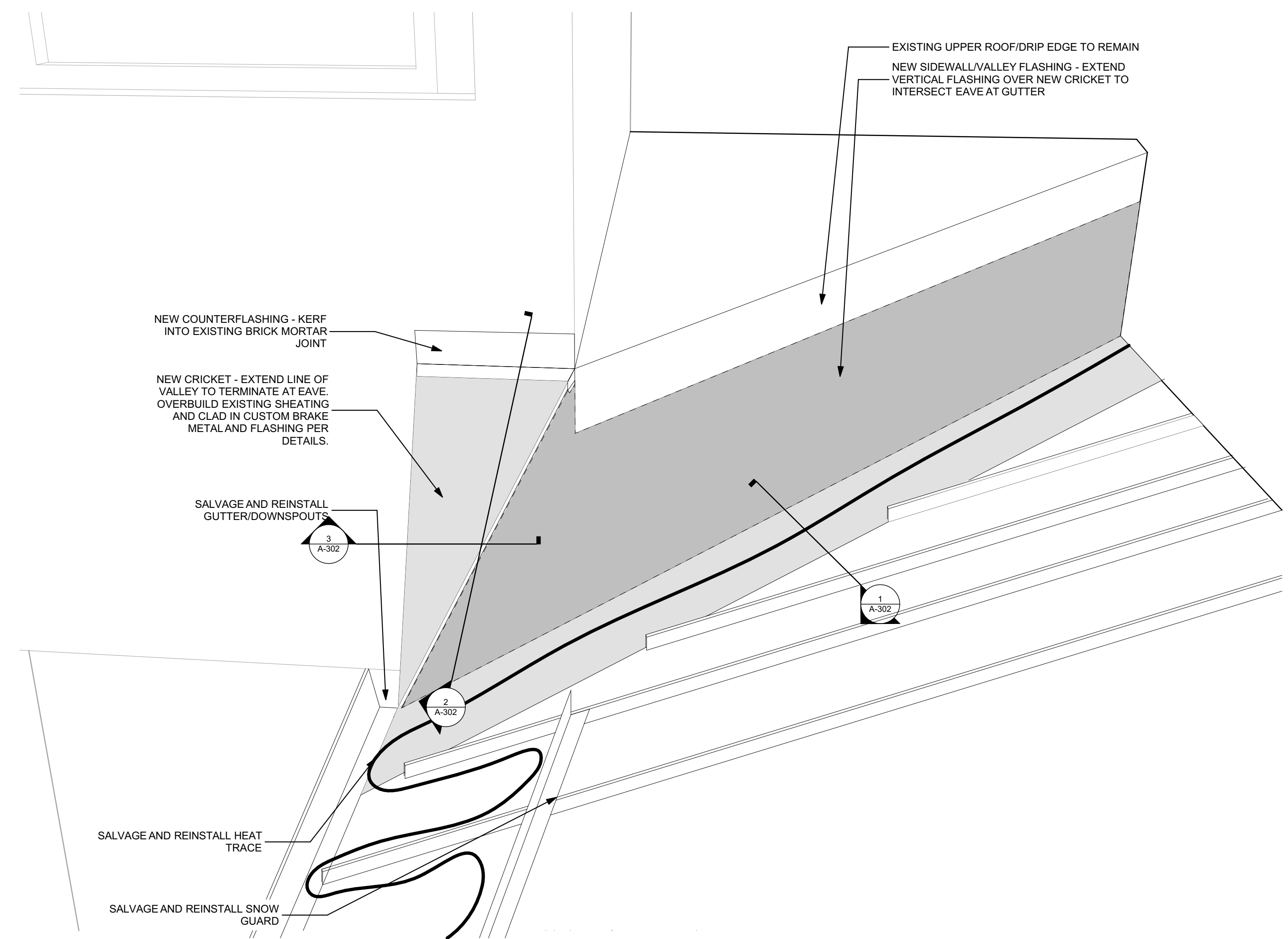
C:\Users\miken\Horizon Architecture\Horizon Architecture - Documents\Projects\General Projects\G24-039 DRF Roof Repairs\1 - Model and Design\DRF Roof Repairs.pln



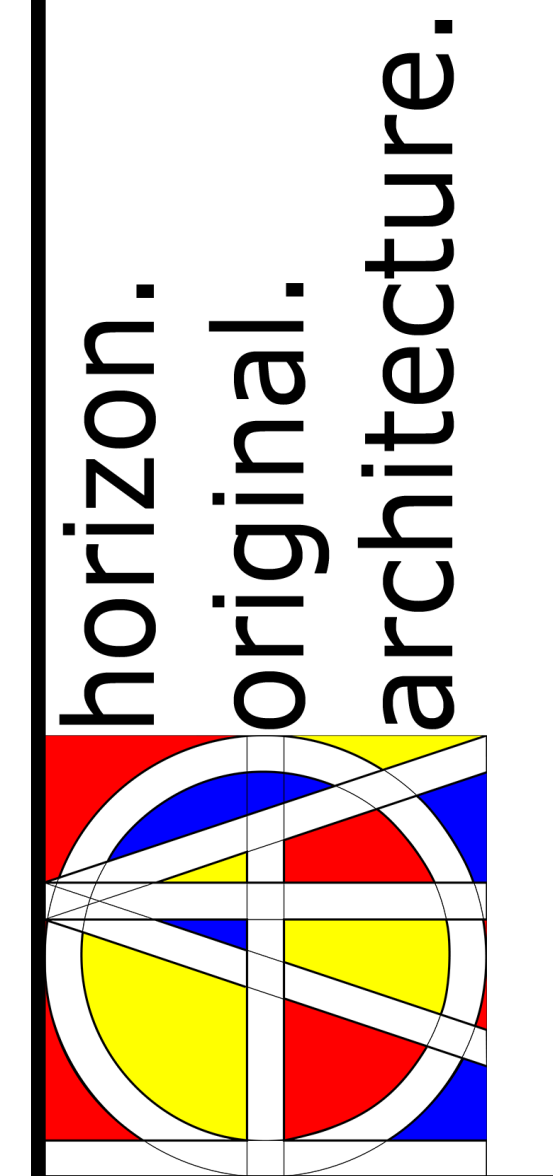
2 SECTION 3 NEW  
SCALE: 1/4" = 1'-0"



1 SECTION 4 NEW  
SCALE: 1/4" = 1'-0"



3 CRICKET PERSPECTIVE VIEW  
NOT TO SCALE



**9446.00 Dubuque Residential Facility Roof Repair**

1494 ELM STREET  
DUBUQUE, IA 52001

MARK	DATE	DESCRIPTION

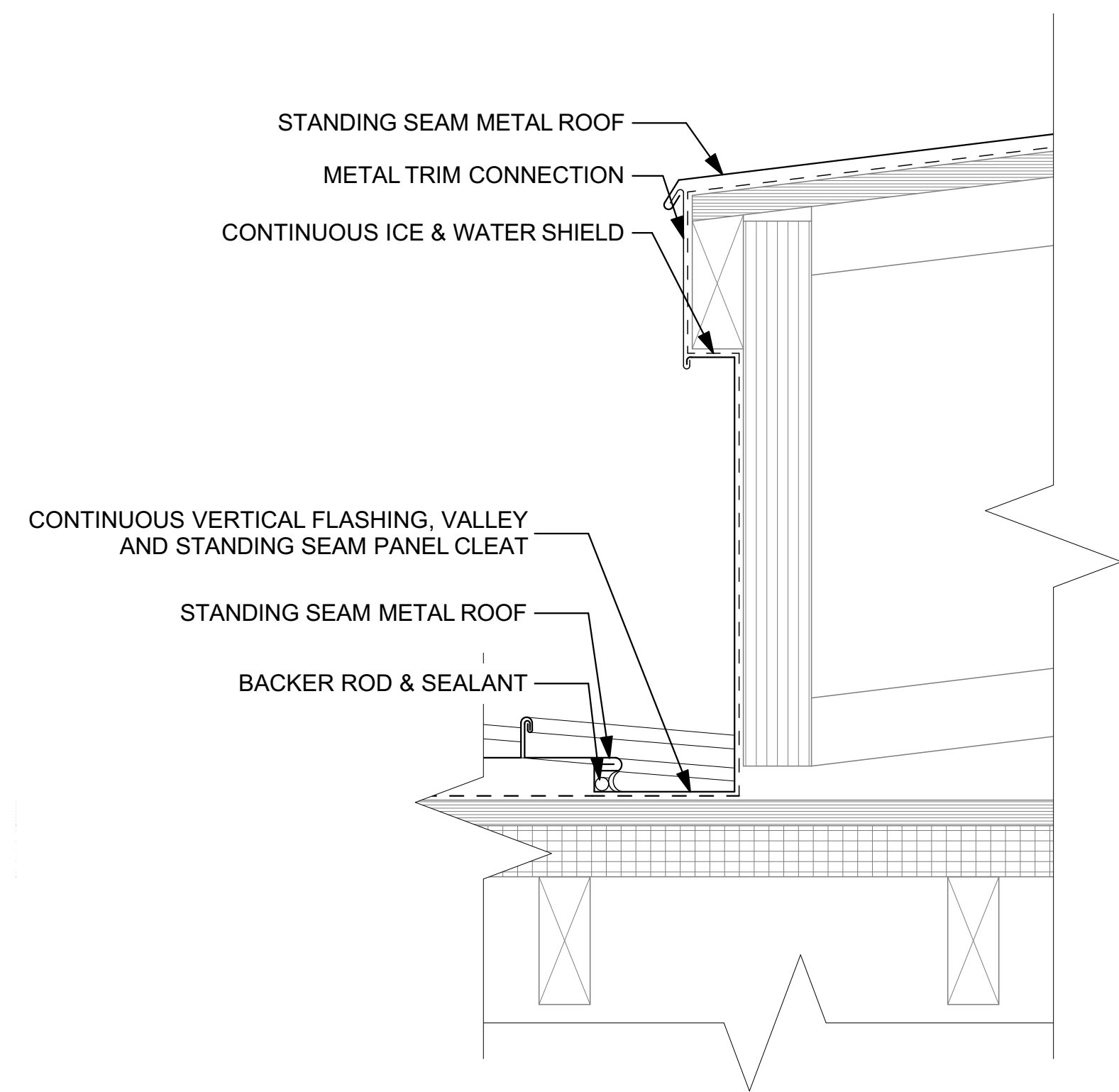
PROJECT NO: #PIn  
DATE: 2/14/2025  
DRAWN BY: MSN  
COPYRIGHT

SHEET TITLE  
**ENLARGED PLAN AND SECTIONS**

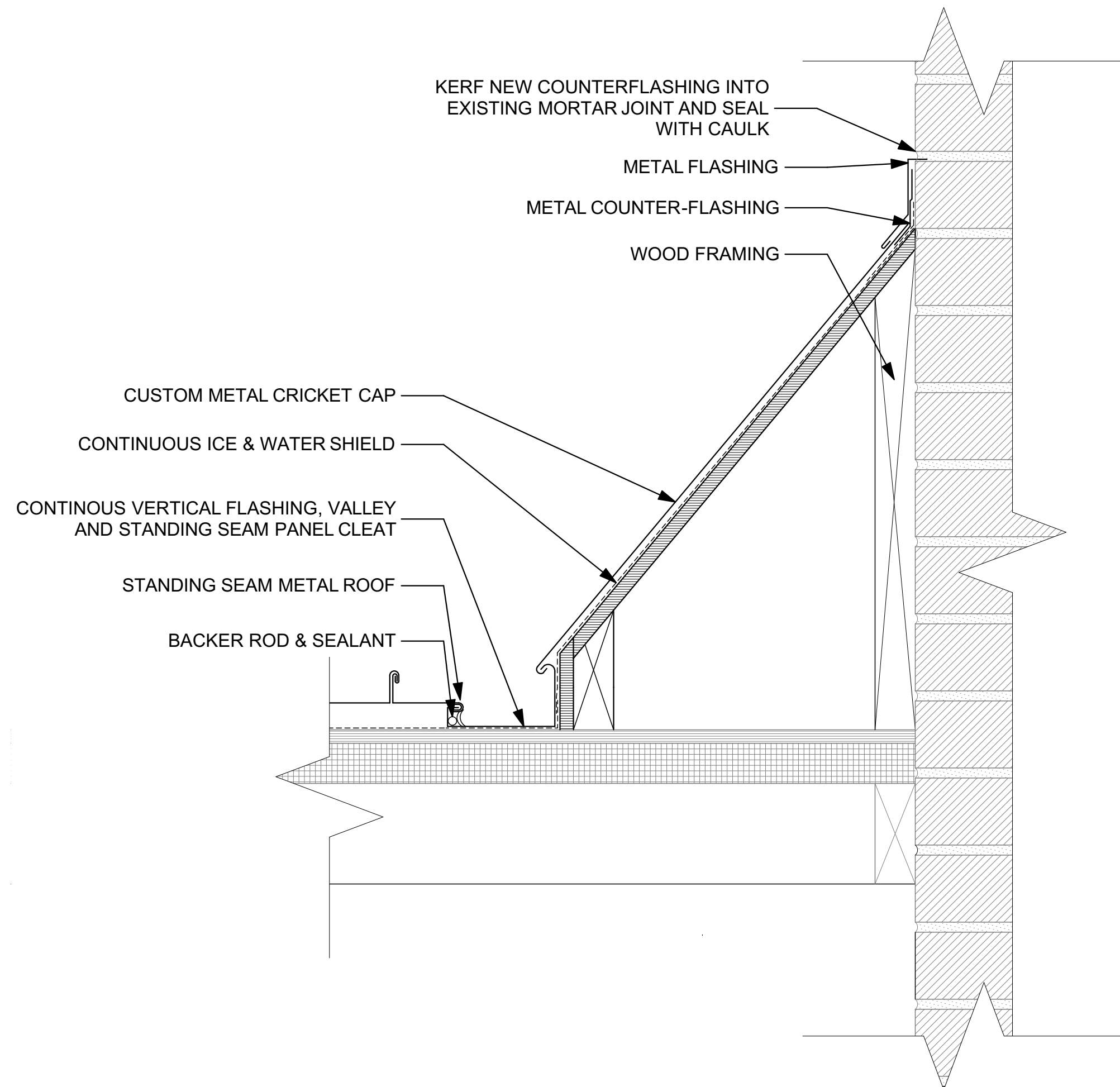
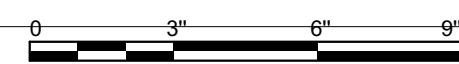
**A-301**

ISSUED FOR BIDDING

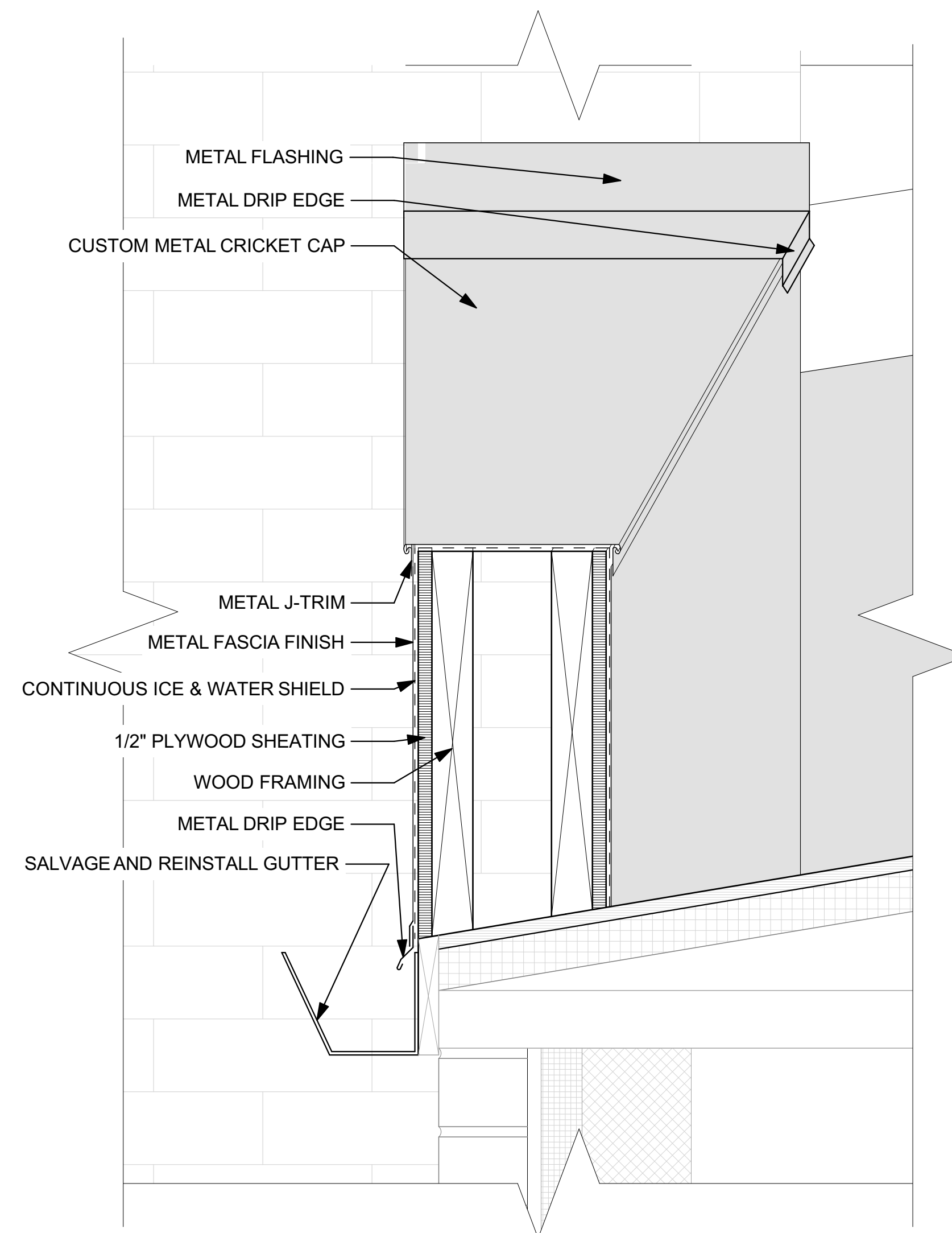
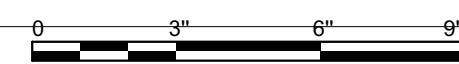
C:\Users\miken\Horizon Architecture\Horizon Architecture - Documents\Projects\General Projects\G24-039 DRF Roof Repairs\1 - Model and Design\DRF Roof Repairs.pln



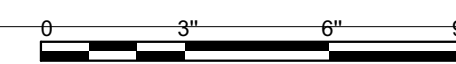
1 ROOF ADDITION CONNECTION  
SCALE: 3" = 1'-0"



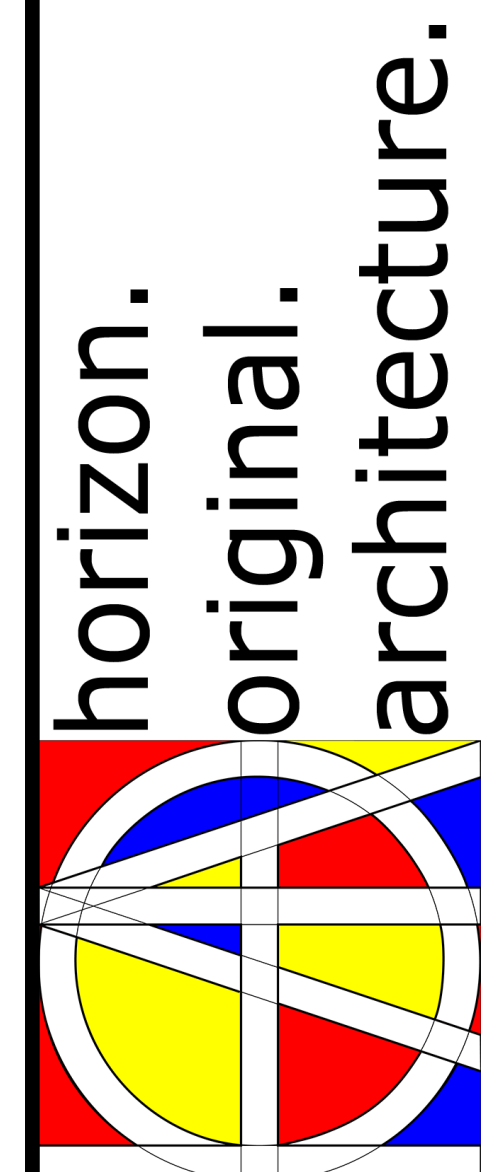
2 CRICKET SECTION DETAIL ALONG VALLEY  
SCALE: 3" = 1'-0"



3 CRICKET SECTION DETAIL  
SCALE: 3" = 1'-0"



ISSUED FOR BIDDING



9446.00 Dubuque Residential  
Facility Roof Repair

1494 ELM STREET  
DUBUQUE, IA 52001

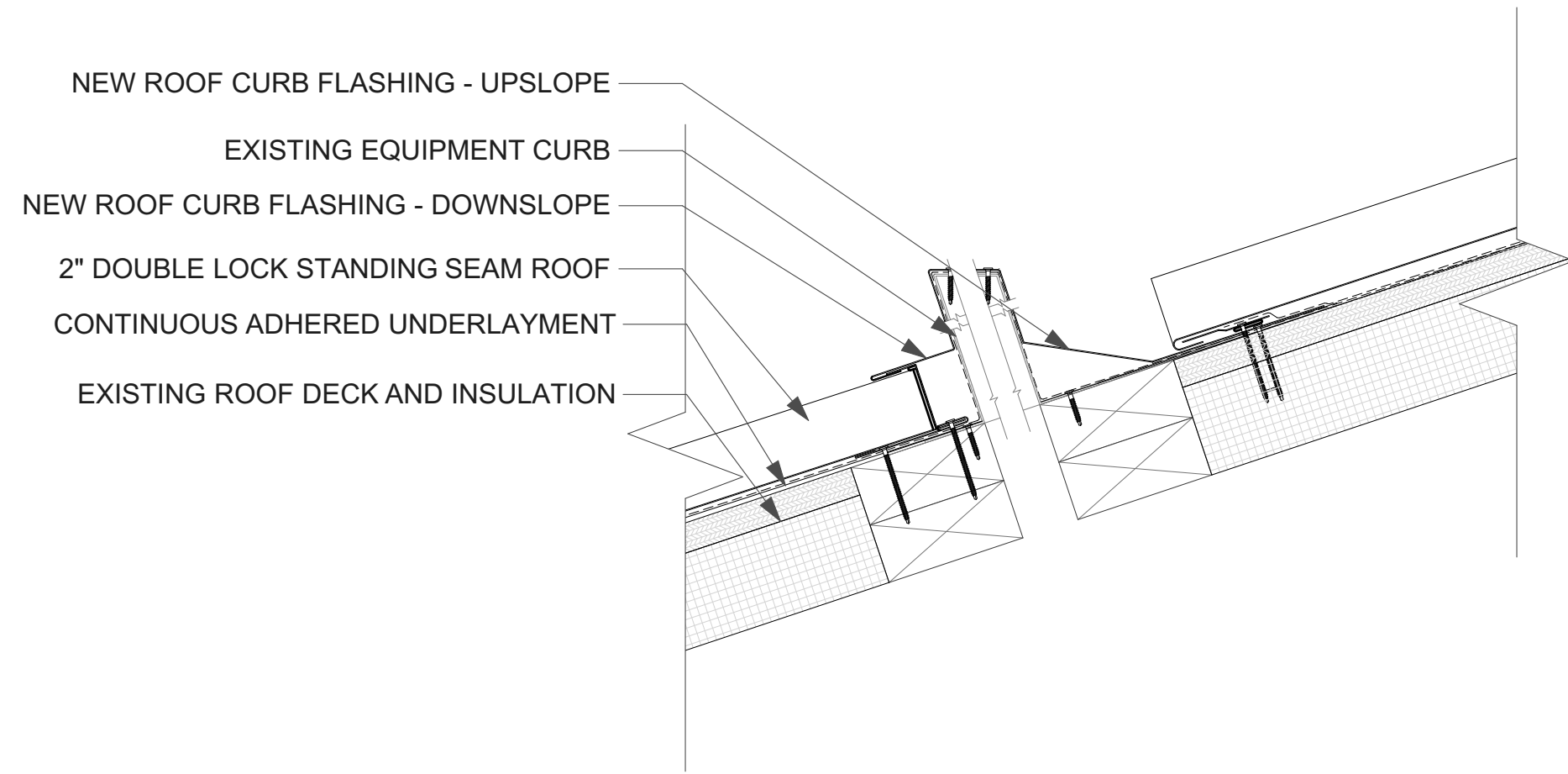
MARK	DATE	DESCRIPTION

PROJECT NO: #Pln  
DATE: 2/14/2025  
DRAWN BY: MSN  
COPYRIGHT

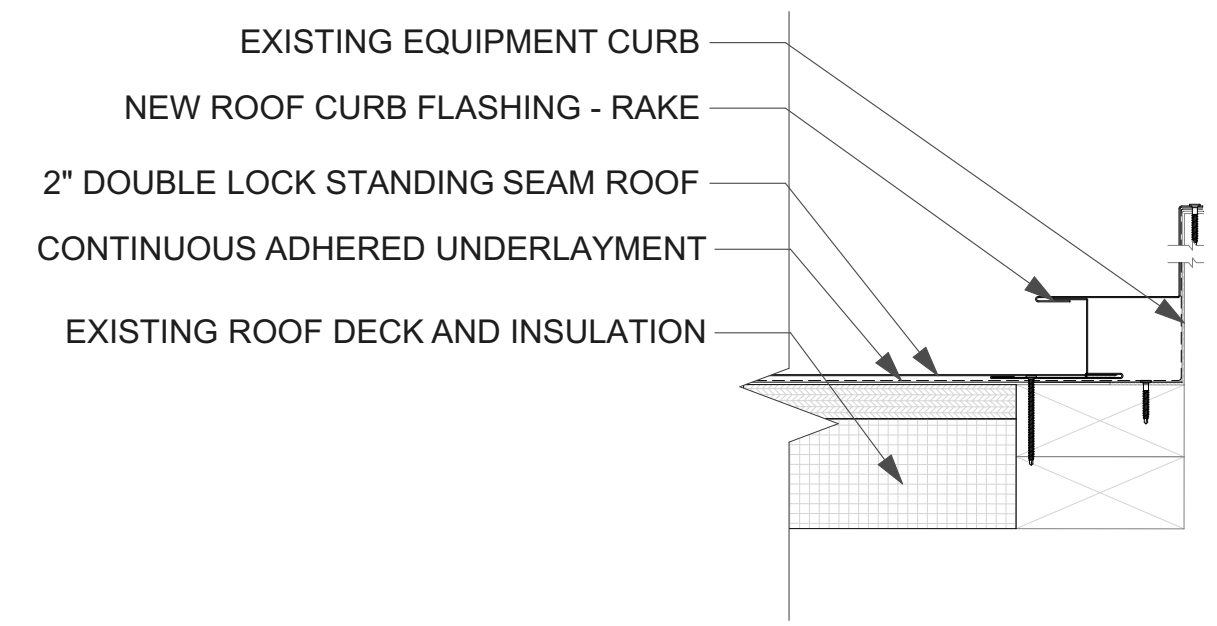
SHEET TITLE  
**CRICKET  
DETAILS**

**A-302**

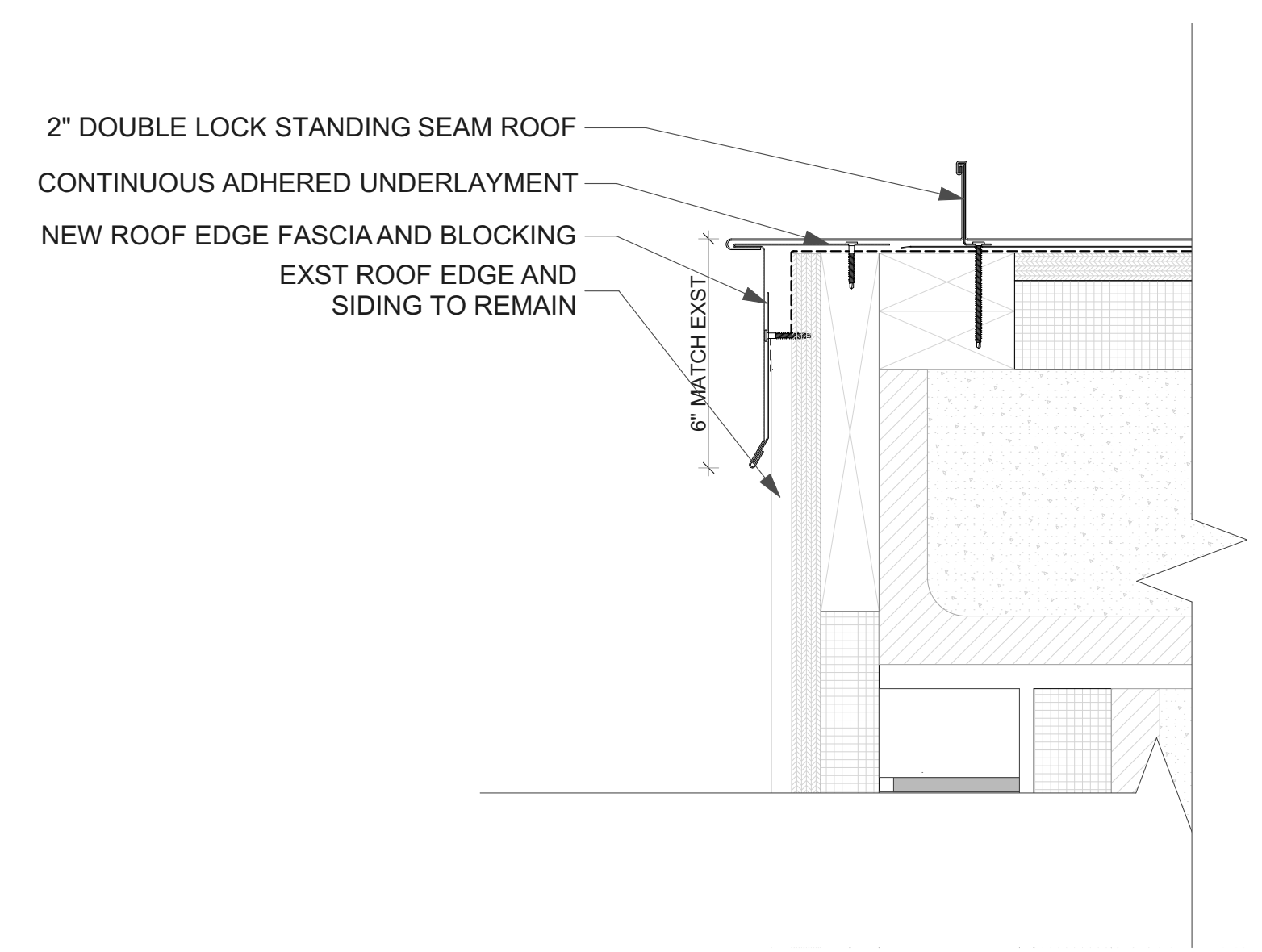
C:\Users\miken\Horizon Architecture\Documents\Projects\General Projects\G24-039 DRF Roof Repairs\1 - Model and Design\DRF Roof Repairs.pln



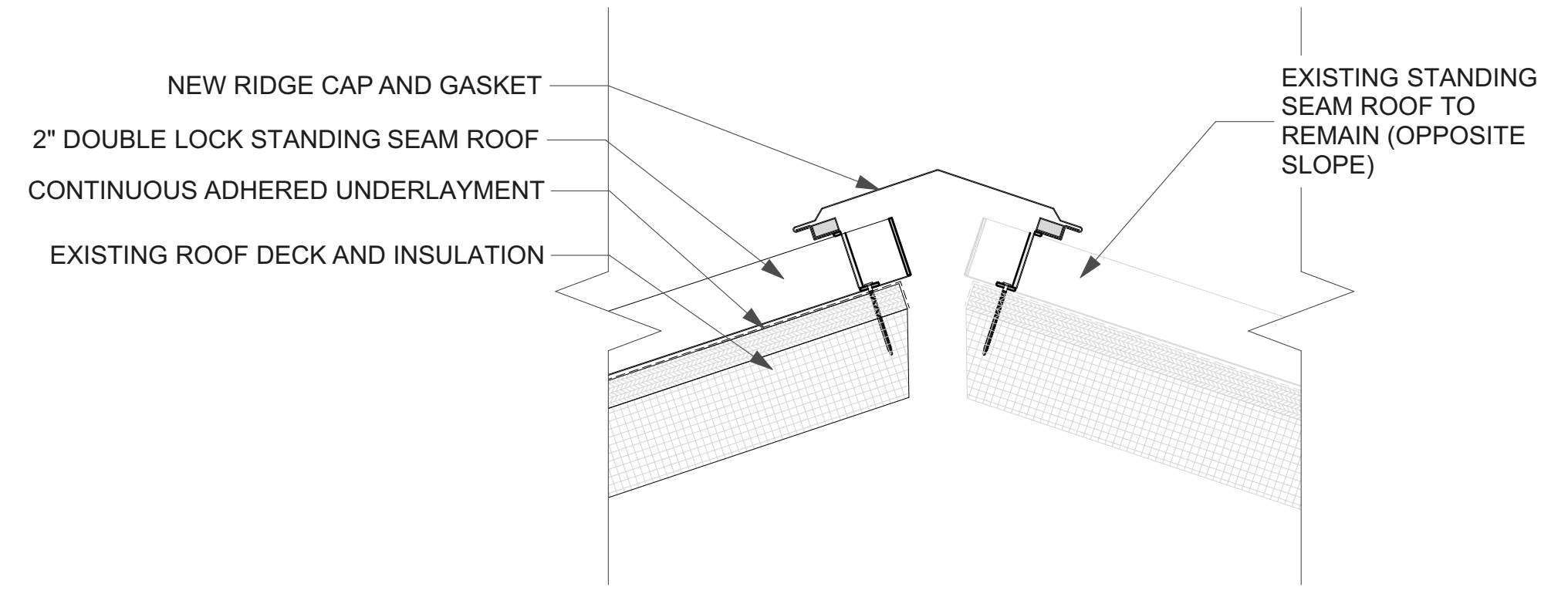
4 ROOF CURB FLASHING SLOPE DETAIL  
SCALE: 3" = 1'-0"



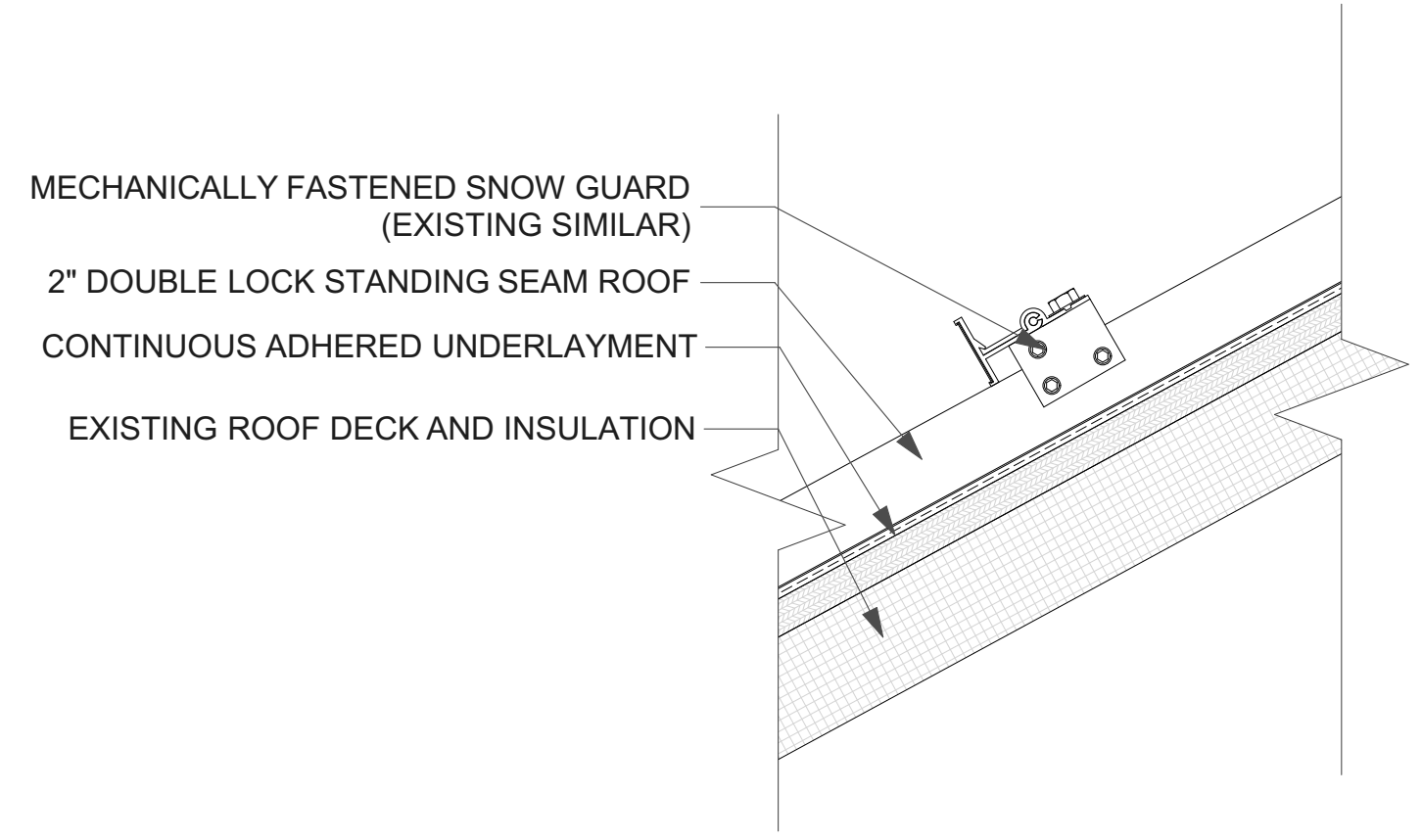
5 ROOF CURB RAKE DETAIL  
SCALE: 3" = 1'-0"



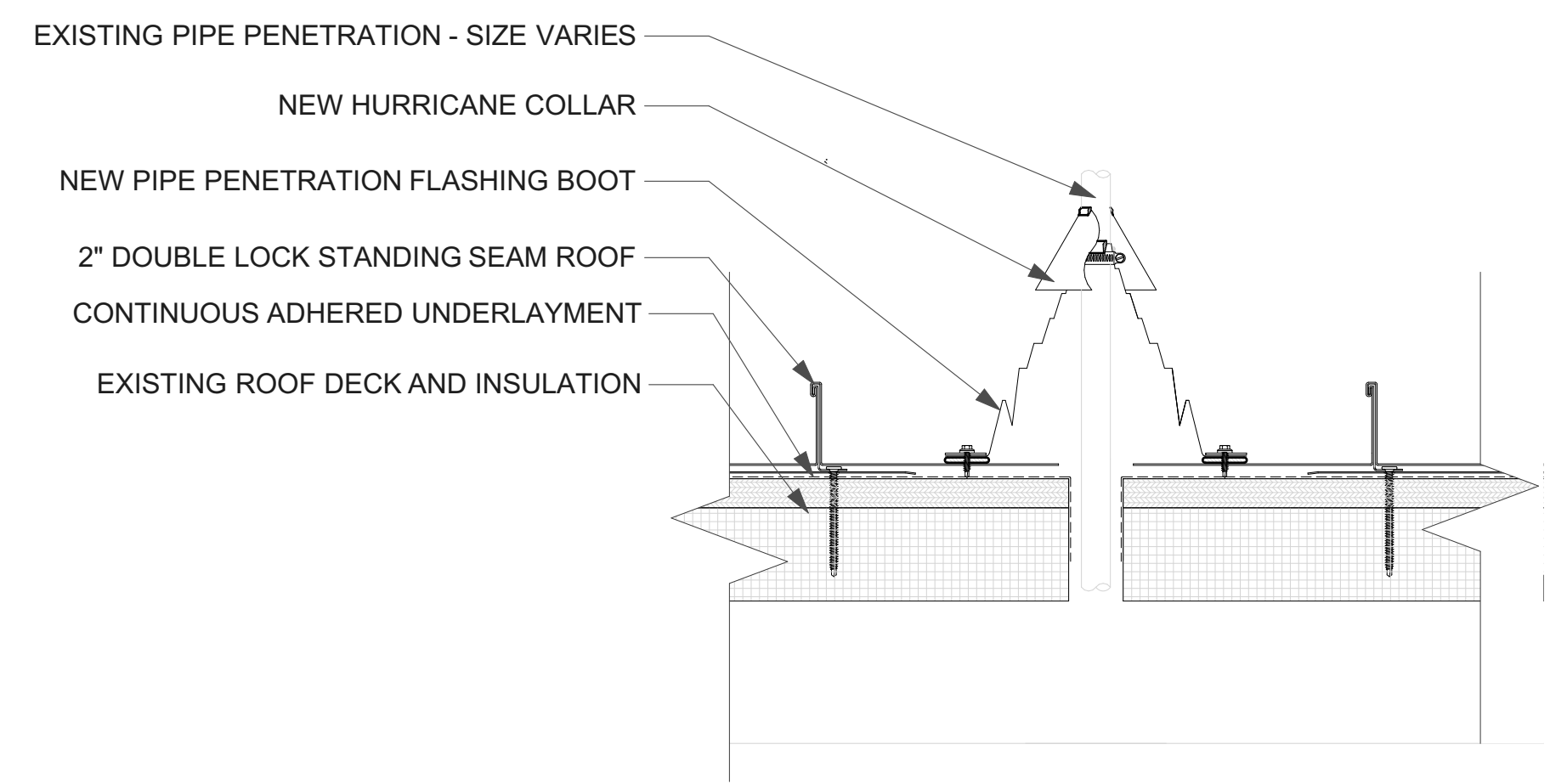
2 RAKE DETAIL  
SCALE: 3" = 1'-0"



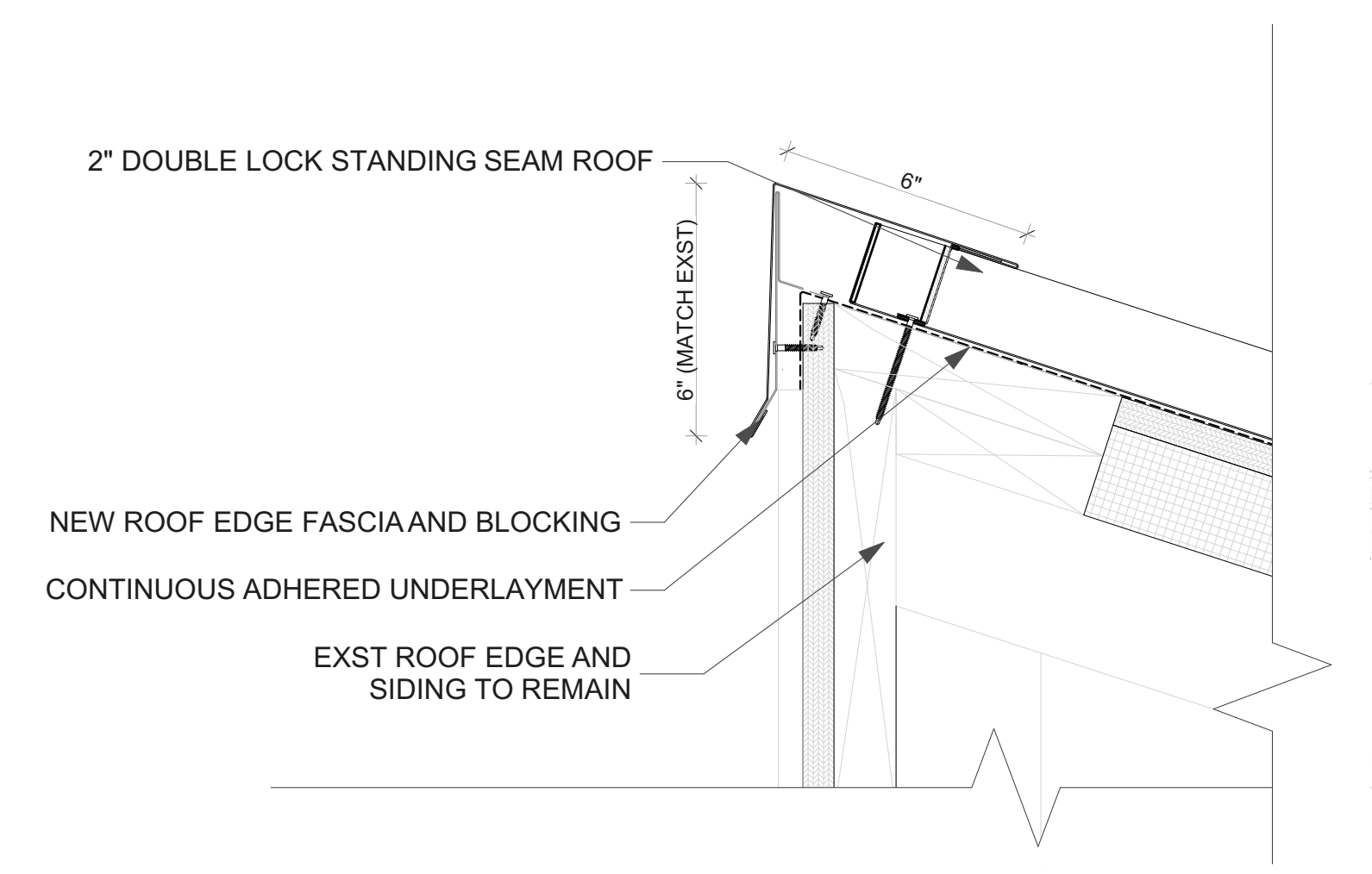
1 RIDGE DETAIL  
SCALE: 3" = 1'-0"



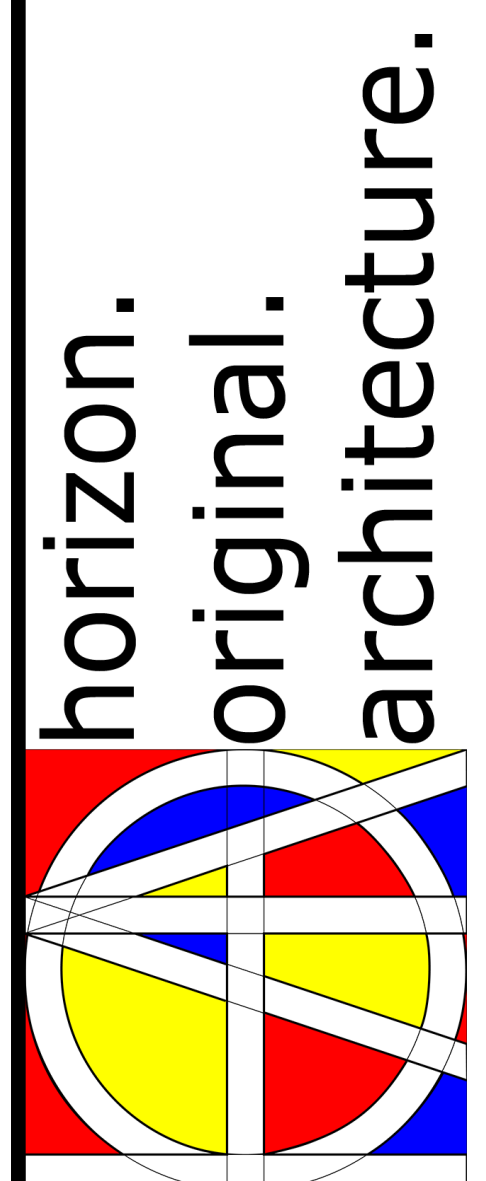
7 SNOW GUARD INSTALLATION DETAIL  
SCALE: 3" = 1'-0"



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



6 TOP SLOPE FASCIA DETAIL  
SCALE: 3" = 1'-0"



9446.00 Dubuque Residential  
Facility Roof Repair

1494 ELM STREET  
DUBUQUE, IA 52001

ISSUED FOR BIDDING

MARK	DATE	DESCRIPTION

PROJECT NO: #Pln  
DATE: 2/14/2025  
DRAWN BY: MSN  
COPYRIGHT

SHEET TITLE  
**ROOF DETAILS**

**A-401**