

DOCUMENT 00 91 00
ADDENDA
ADDENDUM NUMBER TWO (002)

DATE: May 30, 2025

PROJECT: **Caribou Police Facility**

PROJECT NUMBER: Artifex Project No. 2023102

CLIENT: City of Caribou
25 High Street
Caribou, ME 04736

ARCHITECT: Artifex AE

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the Bidding Documents dated April 30, 2025, with amendments and additions noted below.

The Bidder is to acknowledge receipt of this Addendum in the space provided in the Bid Form of the Project Manual. Failure to do so may disqualify the Bidder.

This Addendum consists of five **(5)** pages, plus noted attachments and specifications.

1.0 Changes to Bidding Documents:

NONE

2.0 Questions Received

2.01 Question: *There is a full wall mock specified in specification section 04 20 00 1.5 c. Does this mock-up panel have to be built on site separately from the building?*
Answer: **Per 04 20 00 1.5 C.6: "Approved mockups may become part of the completed work if undisturbed." i.e. you can build the mock-up as a portion of the completed work**

Question: *Drawing A105 Equipment Schedule matrix indicates items to be Contractor Furnished/Contractor Installed. These items aren't in the specifications.*

Answer: To Be Determined

2.02 Question: Attachment Method – Roof Assembly Detail:

The RA1 detail indicates a minimum R-35 continuous insulation in two layers, both to be adhered and mechanically fastened. Is the intent for both layers to be mechanically attached, or should only one layer be mechanically fastened with the other adhered?

Answer: The intent is for the layers to be adhered to each other and mechanically fastened to the deck through both layers

2.03 Question: Cover Board – Addendum Inconsistency:

Addendum 2.29.4 references a high-density insulation cover board, while Addendum 2.29.5 allows a 5/8" plywood cover board. Since metal panels typically require a solid substrate for attachment, can you confirm that the intent is to use plywood (not HD insulation) as the final cover board?

Answer: To clarify: we have two types of roof deck; the majority is a plywood deck covering the wood truss-joists on the long, low-sloped roofs. We have metal deck solely at the high metal roof and canopy over steel trusses. The deck at the high roof is recommended to be a 5/8" plywood deck. We also allow for a material such as "InsulLam" but it would need to be bonded to plywood.

2.04 Question: Attachment of Metal Roof Clips: The roof assembly drawing indicates clips should be fastened to the structural deck. Attaching clips through 6" or more of insulation could create performance concerns due to expansion/contraction stresses and potential shearing of fasteners.

Is the intent to anchor the clips all the way to the structural deck (up to 8" below the panel) or to a solid cover board directly beneath the panels?

Answer: Anchor the roof to the plywood deck which should be securely fastened to the metal deck.

2.05 Question: Standing Seam Panel Specification:

The specification section for standing seam metal roofing lists only a 1.5" snap-lock panel. Is this specification intended solely for the RA2 assembly? If not, a separate spec section for a 2" standing seam metal panel may be required for RA1 and RA1a.

Answer: The attached drawing ADD.2 SK001 is a replacement for RA1 on sheet A500. Exterior roofing will be the 1 1/2" ATAS (or equal) Dutch seam metal roof. We are also using the same material (different color) as siding.

2.06 Question: Aluminum Gutter Thickness:

Specification 2.6.A under Sheet Metal Flashing and Trim requires gutters to be fabricated from .032" aluminum. Given the snow and ice loads common in northern Maine, would you consider approving a minimum of .040" aluminum for increased durability?

Answer: This is above the specification minimum. We would happily accept the additional thickness, but others are bidding to the specification.

Question: *Shop-Fabricated Roof Edge Fascia – Thickness Clarification:*
Addendum 2.29.16 approves shop-fabricated roof edge fascia. Can you confirm the required aluminum thickness for this item? Would .040" aluminum be acceptable?
Answer: **.040" is acceptable**

2.07 Question: *Ridge Vent Requirement:*
Drawing A502 calls for a vented ridge cap. Given the use of continuous insulation, is a ridge vent necessary or should this be omitted?
Answer: **Omit ridge vent at roof.**

2.08 Question: *Snow Guard Provisions:*
Is there a plan or specification for snow guards on the standing seam roof? If so, please clarify the layout and product type.
Answer: **No snow guards are specified.**

2.09 Question: *I noticed that Specification Section 07 71 00 – Roof Specialties is written around flat roof requirements, which do not directly apply to metal roof systems. Given this mismatch, I'd recommend asking the architect to consider removing this section in its entirety.*
Answer: **This section is not currently needed. It will be kept in for the duration of the project and will only apply if needed.**

2.10 Question: *Looking for a classification in regards to the ATAS metal roof panels, specification calls for the ATAS Dutch Seam MRD110 while Assembly Sheet A100 & Roof Plan A500 call for roof type "RA1" to be the ATAS 2" Field-lok with no panel width specified. Please confirm, also is there no snow guards required for this project? Please review & advise.*
Answer: **Refer to question 2.06 and the following: Roof panels to be Dutch seamed MRD110. No snow guards are specified.**

2.13 Question: *The exterior of the foundation walls detail 2/A403 indicates dampproofing. There is no specification section for dampproofing. Will you provide a dampproofing spec?*
Answer: **Section 07 27 26 Fluid Applied Membrane Air Barriers covers this condition.**
New Section 07 13 26 – Self-Adhering Sheet Waterproofing has been included for the barrier at the exterior of the interior basement walls (2)

2.14 Question: *The roof edge & rake details don't match between the architectural details on A501 and corresponding structural details on S403. The structural details show wood framing and the architectural show metal framing, etc.... Please clarify.*
Answer: **Per Addendum 1, Item 1.02: "IMPORTANT NOTE: Please use the Structural drawings' details for the proper definition of the structural aspects of the Project. Architectural sheets are illustrative ONLY and do not necessarily provide complete accurate structural data."**

- 2.16 Question:** *I do not see a specification for the under slab vapor barrier.*
Answer: Section 03 30 00 Cast-in-Place Concrete 2.8 Vapor Retarders provides information.
- 2.17 Question:** *Re AWP-1. There was an MBI fabric wrapped panel listed on the original Finish Schedule. Addendum 1 now specifies Tectum to be fabric wrapped. Tectum doesn't come 5/8" thick.*
Answer: Our error, Panels to be MBI 1" thick PVC covered acoustic panels.
- 2.18 Question:** *A501 Detail 3 shows a small 2x6 stud wall. We expect that this is an infill wall for insulation. Does this detail apply to all eave locations on both wood and steel trusses?*
Answer: Refer to Question 2.14 and Addendum 001
- 2.19 Question:** *A501 Detail 3 shows 2x6 stud wall resting on 2x6 double bearing plate. S403 Detail 1, 2, and 3 show a 2x10 bearing plate.*
Answer: Refer to Question 2.14 and Addendum 001
- 2.20 Question:** *Finish schedule shows ATAS Wind-Lok Soffit Panel. This can come as perforated or solid. Can we expect perforated on eaves and solid on rakes?*
Answer: Yes
- 2.21 Question:** *Would A501 Detail 6 represent the steel erected front canopy receiving soffit in between the trusses?*
Answer: Yes
- 2.22 Question:** *The soffit details on A501 show a metal stud. Does this get a metal track at both ends?*
Answer: Not sure of your question. The soffit framing is expected to be fully covered
- 2.23 Question:** *Do you have a detail on how to fasten the 4" Wall Insulation to the CMU Block?*
Answer: This is a means and methods question. If it is applied with an adhesive, it is critical that the siding is supported independent of the insulation. If it is a system that includes siding and insulation – the attachment is per the manufacturer.
- 2.24 Question:** *Do you have a detail on how to fasten the 5" Composite Z Girt to the CMU Block?*
Answer: This is dependent on the manufacturer. We assume that supports will need to be installed within the masonry.
- 2.25 Question:** *Addendum 1 had a question regarding the roof insulation make-up. There was mention of 5.5 total inches which does provide an R-35 value. Are we to adjust insulation thicknesses to assure an R-35?*
Answer: Provide value of R=35 at roof insulation

2.25 Question: *Is SP-1 Joists required to be galvanized?*

Answer: All metal exposed to weather is required to be galvanized

3.0 Changes to General Documents:

DOCUMENT 00 43 23 - ALTERNATES FORM – Bid Alternate , former item D, alternate 4 has been removed. New form attached to these documents

4.0 Changes to the Specifications:

DELETE from Specifications: NONE

ADD to Specifications:

Section 07 13 26 Self-Adhering Sheet Waterproofing

REVISED Specifications:

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5.0 Changes to the Plans:

5.01 Replace RA1 on Sheet A500 with attached SK001

6.0 Attachments:

6.01 List of Plan Holders

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6.03 Section 07 13 26 Self-Adhering Sheet Waterproofing

6.04 ADD.2 SK001

-- END OF DOCUMENT --

RECORD OF BID DOCUMENTS

Project No. 2023102 Project Name Caribou Police Project Mgr. Ellen Angel Bid Date June 12, 2025

DOCUMENTS			Firm Name, Contact Person, Mailing Address, Phone No., Fax No., and E-mail	Addenda Issued				
Date Issued	Set No.	Date Returned		1	2	3	4	5
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4/30/2025	03.		DODGE CONSTRUCTION NETWORK Brenda Cusack Dodge Project Number brenda.cusack@construction.com					

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4/30/2025	08.		Philip J McDonough III Philip.J.McDonough@cariboumaine.org					

Project:

Project No.

DOCUMENTS			Firm Name, Contact Person, Mailing Address, Phone No., Fax No., and E-mail	Addenda Issued				
Date Issued	Set No.	Date Returned		1	2	3	4	5
5/8/2025	9.		Jesse B. Johnson 207-368-2405 x207 C: 843-367-7116 Bowman Construction 552 Moosehead Trail PO Box 156 Newport, ME 04953 jesse@bowmanconstructors.com					
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5/12/2025	26.		Aaron Garrison 207-227-8645 The Allen Company, LLC PO Box 608 Presque Isle, Me. 04769 aarong@theallencollc.com					
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5/19/2025	28.		Daniel Smith (207) 801 8990 Suffolk Contractors DaSmith@suffolk.com					
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	32.							
	33.							

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APPENDICES

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END OF DOCUMENT 00 01 10

SECTION 07 13 26 - SELF-ADHERING SHEET WATERPROOFING

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Modified bituminous sheet waterproofing.

1.2 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.

1.3 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Samples: For each exposed product and for each color and texture specified.

1.4 INFORMATIONAL SUBMITTALS

- A. Sample warranties.

1.5 QUALITY ASSURANCE

- A. Installer Qualifications: An entity that employs installers and supervisors who are trained and approved by waterproofing manufacturer.

1.6 WARRANTY

- A. Manufacturer's Warranty: Manufacturer agrees to furnish replacement waterproofing material for waterproofing that does not comply with requirements or that fails to remain watertight within specified warranty period.
1. Warranty Period: Five years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 MODIFIED BITUMINOUS SHEET WATERPROOFING

- A. Modified Bituminous Sheet Waterproofing: Minimum 60-mil (1.5-mm) nominal thickness, self-adhering sheet consisting of 56 mils (1.4 mm) of rubberized asphalt laminated on one side to a 4-mil- (0.10-mm-) thick, polyethylene-film reinforcement, and with release liner on adhesive side[]; formulated for application with primer or surface conditioner that complies with VOC limits of authorities having jurisdiction.

1. Physical Properties:

- a. Tensile Strength, Membrane: 250 psi (1.7 MPa) minimum; ASTM D412, Die C, modified.
- b. Ultimate Elongation: 300 percent minimum; ASTM D412, Die C, modified.
- c. Low-Temperature Flexibility: Pass at minus 20 deg F (minus 29 deg C); ASTM D1970/D1970M.
- d. Crack Cycling: Unaffected after 100 cycles of 1/8-inch (3-mm) movement; ASTM C836/C836M.
- e. Puncture Resistance: 40 lbf (180 N) minimum; ASTM E154/E154M.
- f. Water Absorption: 0.2 percent weight-gain maximum after 48-hour immersion at 70 deg F (21 deg C); ASTM D570.
- g. Water Vapor Permeance: 0.05 perm (2.9 ng/Pa x s x sq. m) maximum; ASTM E96/E96M, Water Method.

2. Sheet Strips: Self-adhering, rubberized-asphalt strips of same material and thickness as sheet waterproofing.

2.2 AUXILIARY MATERIALS

- A. Furnish auxiliary materials recommended by waterproofing manufacturer for intended use and compatible with sheet waterproofing.
1. Furnish liquid-type auxiliary materials that comply with VOC limits of authorities having jurisdiction.
- B. Primer: Liquid waterborne primer recommended for substrate by sheet-waterproofing material manufacturer.
- C. Surface Conditioner: Liquid, waterborne surface conditioner recommended for substrate by sheet-waterproofing material manufacturer.
- D. Substrate Patching Membrane: Low-viscosity, two-component, modified asphalt coating.

PART 3 - EXECUTION

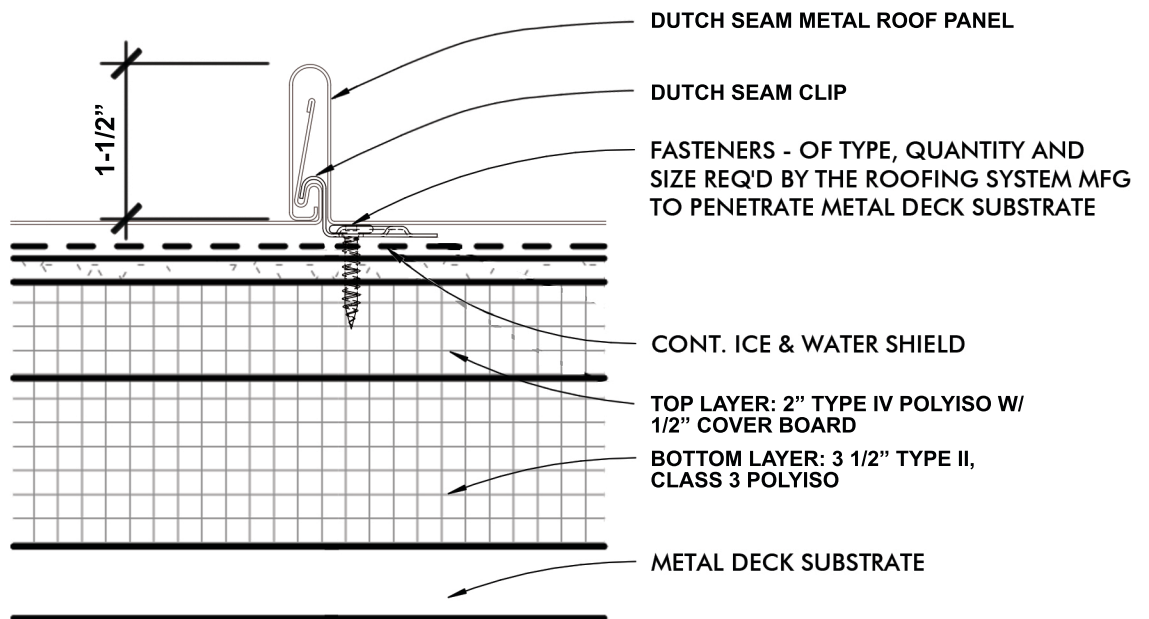
3.1 PREPARATION

- A. Clean, prepare, and treat substrates according to manufacturer's written instructions. Provide clean, dust-free, and dry substrates for waterproofing application.
- B. Mask off adjoining surfaces not receiving waterproofing to prevent spillage and overspray affecting other construction.

3.2 INSTALLATION OF MODIFIED BITUMINOUS SHEET-WATERPROOFING

- A. Install modified bituminous sheets according to waterproofing manufacturer's written instructions.
- B. Apply primer to substrates at required rate and allow it to dry. Limit priming to areas that will be covered by sheet waterproofing in same day. Reprime areas exposed for more than 24 hours.
- C. Apply and firmly adhere sheets over area to receive waterproofing. Accurately align sheets and maintain uniform 2-1/2-inch- (64-mm-) minimum lap widths and end laps. Overlap and seal seams, and stagger end laps to ensure watertight installation.
 - 1. When ambient and substrate temperatures range between 25 and 40 deg F (minus 4 and plus 5 deg C), install self-adhering, modified bituminous sheets produced for low-temperature application. Do not use low-temperature sheets if ambient or substrate temperature is higher than 60 deg F (16 deg C).
- D. Apply continuous sheets over already-installed sheet strips, bridging substrate cracks, construction, and contraction joints.
- E. Seal edges of sheet-waterproofing terminations with mastic.
- F. Install sheet-waterproofing and auxiliary materials to tie into adjacent waterproofing.
- G. Repair tears, voids, and lapped seams in waterproofing not complying with requirements. Slit and flatten fishmouths and blisters. Patch with sheet waterproofing extending 6 inches (150 mm) beyond repaired areas in all directions.
- H. Immediately install protection course with butted joints over waterproofing membrane.
- I. Correct deficiencies in or remove waterproofing that does not comply with requirements; repair substrates, reapply waterproofing, and repair sheet flashings.
- J. Clean spillage and soiling from adjacent construction using cleaning agents and procedures recommended in writing by manufacturer of affected construction.

END OF SECTION 07 13 26



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DUTCH SEAM ROOF DETAIL

CITY OF CARIBOU
CARIBOU POLICE DEPARTMENT
CARIBOU, ME 04736

Project No.
2023102

Date:
JUN. 3, 2025

Scale:
N.T.S.

ADD. 2
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