TRANSMITTAL OF SUBMITTALS, SHOP DRAWINGS, EQUIPMENT DATA, MATERIAL SAMPLES, OR MANUFACTURER'S CERTIFICATES OF COMPLIANCE	Date: 2/25/2026	Transmittal # 11

SECTION 1 - REQUEST FOR APPROVAL OF THE FOLLOWING ITEMS (This section will be initiated by the contractor)

TO:	From:	Contract Number:	Check One:
PWD Newport NAVFAC MIDLANT 1 Simonpietri Drive Naval Station Newport, RI	Enfield Enterprises LLC 30 Magaziner Place Springfield, MA 01104	N4008523D0050 TO N4008524F5985	( ) This is a new transmittal (X) This is a resubmittal of Transmittal

SPECIFICATION SECTION NUMBER:	PROJECT TITLE: Building 1372 Roof Repair

Control Number a.	Description of Item Submitted (type, size, model number/etc.) b.	Mfg. or Ktr Number c.	# Of Copies d.	Contract Reference Document		Contractor Use Code g.	Variation Request (Y/N) h.	Use Code i.
				Spec.Para. e.	Dwg Sht f.			
1	Close Out							A

REMARKS:

I hereby certify that the above item(s) shown and marked in this submittal and proposed to be incorporated with this contract, is in strict compliance with the contract drawings and specifications (except as otherwise stated), can be installed in the allocated spaces, and:
( ) is approved for use.
(x) is submitted for Government Approval

Contractor QC Representative's:
Name and Signature: Jacque Perkins, EE LLC

Action Codes: (***Note: Approval of items does not relieve the contractor from complying with all the requirements of the plans and specifications***)
A-Approved as Submitted
B-Approved, except as noted on drawings. Resubmission not required
C-Approved, except as noted on drawings. Refer to attached sheet. Resubmission required.
D-Will be returned by separate correspondence
E-Disapproved. See attached sheet.

SECTION II - APPROVAL ACTION (refer to ROICC Use Code)

Enclosures Returned	Name, Title and Signature of Approving Authority	Date
	KRIVINSKAS.ROBERT.1199243418 Digitally signed by KRIVINSKAS.ROBERT.1199243418 Date: 2026.04.08 09:06:43 -04'00'	

ENG FORM 4025, CS rev Jan 2002 Sheet 1 of 1

Enfield
Enterprises LLC

Newport Build 1372 Ripley Hall
Contract No: N4008523D0050 / N4008524F985

PROJECT CLOSE OUT

Corporate Office: 30 Magaziner Place Springfield, MA 01104-3328

FL Regional Offices:
NAS Pensacola
27 West Romana St
Pensacola FL 32502

FL Regional Offices:
Eglin AFB
28 Kelly Avenue
Fort Walton Beach, FL 32548

FL Regional Offices:
Tyndall AFB
5618 Lilly Street
Panama City, FL 32404

LA Regional Office:
278 General Patton Ave
Suite 600
Mandeville, LA 70471

NY Regional Office:
227 Kingsley Road,
Suite 26
Burnt Hills, NY 12027

Phone: 866-788-2688 Fax: 413-788-2479

Enfield
Enterprises LLC

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Enfield
Enterprises LLC

Wednesday, February 25, 2026

Mr. Robert Krivinskas
NAVFAC Mid-Atlantic
Bldg. 1, Simonpietri Drive
Newport, RI 02841

RE: Contract No. N4008523D0050 / N4008524F5985
DB B1372 Roof Replacement
Naval Station Newport, Newport RI
Letter of Final Completion

This Letter shall serve as Notice of Final Completion for the referenced project. All contract work has been completed and accepted as follows:

Substantial Completion of Work:	17 November 2025
Mechanical Inspection Punchlist Completion:	17 February 2026

All deficiencies identified during the Pre-Final Inspection have been corrected in full. Please feel free to reach out with questions or concerns.

Sincerely,

Peter Baruffaldi

Peter Baruffaldi
Vice President of Operations
Enfield Enterprises LLC.

Corporate Office: 30 Magaziner Place Springfield, MA 01104-3328

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Mandeville, LA 70471

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Burnt Hills, NY 12027

Phone: 866-788-2688 Fax: 413-788-2479

Triumph Roofing Inc.
46 Elm St.
Baldwinville, MA 01436
(978) 652-0448

WORKMANSHIP & LEAK-FREE WARRANTY

Issued By:
Triumph Roofing, Inc. 46 Elm St. Unit 3, Baldwinville, MA 01436

Project Name: Newport B1372 Ripley Hall Roof
Project Address: Building 1372 Naval Station, Newport, RI 02841
Owner: Naval Station Newport NAVFAC MID ATLANTIC
Completion Date: 11/17/2025
Warranty Term: 1 Year (Expires: 11/17/2026)

1. COVERAGE

Triumph Roofing, Inc. warrants that the installed roofing system is free from workmanship defects and leaks due to improper installation for 1 year. Repairs for such defects will be made at no cost to the Owner.

2. EXCLUSIONS

This warranty does not cover:

- Natural disasters (hail, storms, earthquakes, etc.).
- Unauthorized repairs or modifications.
- Damage from improper maintenance, excessive foot traffic, or misuse.
- Damage from mechanical equipment or non-roofing activities.

3. CLAIM PROCEDURE

Owner must:

1. Notify Triumph Roofing, Inc. in writing within 2 days of discovering a defect.
2. Provide proof of warranty and project details.
3. Allow inspection and evaluation of the roof.

4. REMEDY

Valid claims will be repaired by Triumph Roofing, Inc. at no cost. This warranty is non-transferable and does not cover incidental or consequential damages.

Triumph Roofing Inc.
46 Elm St.
Baldwinville, MA 01436
(978) 652-0448

Respectfully,

Richard Scobi, Project Executive

Triumph Roofing Inc.

Rich@triumphroofinginc.com

(603) 313-9703

WARRANTY NO.: 1676107
BUILDING OWNER: DEPARTMENT OF THE NAVY
NAME OF BUILDING: NAVAL STATION NEWPORT RIPLEY HALL BUILDING 1372 ROOF REPLACEMENT
BUILDING ADDRESS: 440 MEYERKORD AVE. NEWPORT, RI
DATE OF COMPLETION OF THE VERSICO TOTAL ROOFING SYSTEM: 11/17/2025
WARRANTY START DATE: 11/18/2025
WARRANTY EXPIRATION DATE: 11/17/2045

Versico Roofing Systems, a division of Carlisle Construction Materials, LLC (Versico) warrants to the Building Owner (Owner) of the above described building, that; subject to the terms, conditions, and limitations stated in this warranty, Versico will repair any leak in the Versico Roofing System (Versico Total Roofing System) installed by a Versico Authorized Roofing Applicator for a period of 20 years, commencing with the date of Versico's acceptance of the Versico Total Roofing System installation. However, in no event shall Versico's obligations extend beyond 20.5 years, subsequent to the date of completion of the Versico Total Roofing System. See above for the exact date of warranty expiration.

The Versico Total Roofing System is defined as the following newly installed Versico brand materials: Membrane, Flashings, Adhesives and Sealants, Insulation, Cover Boards, Fasteners, Fastener Plates, Fastening Bars, Edge Metal, and Insulation Adhesives utilized in this installation.

TERMS, CONDITIONS, LIMITATIONS

1. Owner shall provide Versico with written notice via the online leak report form, phone, letter, fax, or email within thirty (30) days of any leak in the Versico Total Roofing System. See Versico's Care and Maintenance Guide, which accompanies this warranty, for contact information. By so notifying Versico, the Owner authorizes Versico or its designee to investigate the cause of the leak. Should the investigation reveal the cause of the leak to be outside the scope of this Warranty, investigation and repair costs for this service shall be paid by the Owner.

2. If, upon inspection, Versico determines that the leak is caused by a defect in the Versico Total Roofing System's materials, or workmanship of the Versico Authorized Roofing Contractor in installing the same, Owner's remedies and Versico's liability shall be limited to Versico's repair of the leak. Versico shall have sole responsibility in determining the method of repair of the area.

3. This warranty shall not be applicable if, upon Versico's inspection, Versico determines that any of the following has occurred:
(a) The Versico Total Roofing System is damaged by: natural disasters, lightning, fire, insects, animals, windblown debris or objects, earthquakes, tornados, hail, hurricanes, and winds of (3 second) peak gust speeds in excess of 150 mph measured at 10 meters above ground; or
(b) Loss of integrity of the building envelope and/or structure, including, but not limited to, partial or complete loss of roof decking, wall siding, windows, roof top units, doors or other envelope components; or
(c) All associated building components, including but not limited to the deck substrate, joists, columns and foundation, must also meet wind speed design requirements.
(d) The Versico Total Roofing System is damaged by any acts, accidents, misuse, abuse, vandalism, civil disobedience or the like; or

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(e) Deterioration or failure of building components, including, but not limited to, the roof substrate, walls, mortar, HVAC units, non Versico brand metal work, wood nailer, etc., occurs and causes a leak, or otherwise damages the Versico Total Roofing System; or
(f) Deterioration of metal materials and accessories caused by marine salt water, atmosphere, or by regular spray of either salt or fresh water; or
(g) Acids, oils, harmful chemicals and the like come in contact with the Versico Total Roofing System and cause a leak, or otherwise damage the Versico Total Roofing System; or
(h) The Versico Total Roofing System encounters leaks or is otherwise damaged by condensation resulting from any condition within the building that may generate moisture; or
(i) The Versico Authorized Contractor or any additional contractor or subcontractor failed to follow Versico's published specifications and details for the approved system assembly or failure to correct all installation deficiencies listed in any Versico inspection report.

4. This Warranty shall be null and void if any of the following shall occur:
(a) If, after installation of the Versico Total Roofing System by a Versico Authorized Roofing Contractor, there are any alterations or repairs made on or through the roof or objects such as, but not limited to, structures, fixtures, solar arrays, wind turbines, roof gardens or utilities are placed upon or attached to the roof without first obtaining written authorization from Versico; or
(b) Failure by the Owner to use reasonable care in maintaining the roof, said maintenance to include, but not be limited to, those items listed on Versico's Care & Maintenance Guide which accompanies this Warranty.

5. In addition, it shall be Owner's sole responsibility to remove and re-install at Owner's expense, all obstructions, including, but not limited to, structures, fixtures, solar arrays, wind turbines, roof gardens, utilities or other overburden from the affected area as determined by Versico that would hinder or impede repairs being made in the most expedient and least expensive manner possible. Owner shall be responsible for all costs associated with any loss of power generation in the event that removal of a solar array is required to repair the roofing system.

6. During the term of this Warranty, Versico shall have free access to the roof during regular business hours.

7. Versico shall have no obligation under this Warranty while any bills for installation, supplies, service, and/or warranty charges have not been paid in full to the Versico Authorized Roofing Contractor, Versico, or material suppliers.

8. Versico's failure at any time to enforce any of the terms or conditions stated herein shall not be construed to be a waiver of such provision.

9. Versico shall not be responsible for the cleanliness or discoloration of the Versico Total Roofing System caused by environmental conditions including, but not limited to, dirt, pollutants or biological agents.

10. Versico shall have no liability under any theory of law for any claims, repairs, restoration, or other damages including, but not limited to, consequential or incidental damages relating, directly or indirectly, to the presence of any irritants, contaminants, vapors, fumes, molds, fungi, bacteria, spores, mycotoxins, or the like in the building or in the air, land, or water serving the building.

11. This warranty shall be transferable upon a change in ownership of the building when the Owner has completed certain procedures, including a transfer fee and an inspection of the Roofing System by a Versico representative.

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12. Any dispute, controversy or claim between the Owner and Versico concerning this Limited Warranty shall be settled by mediation. In the event that the Owner and Versico do not resolve the dispute, controversy or claim in mediation, the Owner and Versico agree that any and all suits, proceedings, or claims shall be filed in either the state courts of Cumberland County, Pennsylvania or in the United States District Court for the Middle District of Pennsylvania. Each party irrevocably consents to the jurisdiction and venue of the above-identified courts.

13. Roof System Design Assembly: Versico, as manufacturer of commercial roofing products with the sole purpose of offering products for an Owner, design professional, architect, consultant, or engineer when designing/choosing a roof system assembly, assumes no liability nor implies to the suitability of the products for any particular assembly or specific building operation or structure. The Owner, design professional, architect, consultant, or engineer is solely responsible for the assembly chosen for a particular building structure to include the responsibility to properly calculate wind uplift values, design dead loads and live loads, and suitability and condition of building envelope substrate, decking, parapets, drainage, slope, and other attributes pertaining to the performance of the roof system assembly.

14. The Versico Authorized Contractor or any additional contractor or subcontractor are not agents of Versico.

VERSICO DOES NOT WARRANT ANY PRODUCTS UTILIZED IN THIS INSTALLATION WHICH ARE NOT DEFINED ABOVE AS THE VERSICO TOTAL ROOFING SYSTEM AND SPECIFICALLY DISCLAIMS LIABILITY, UNDER ANY THEORY OF LAW, ARISING OUT OF THE INSTALLATION AND PERFORMANCE OF, OR DAMAGES SUSTAINED BY OR CAUSED BY, PRODUCTS NOT FURNISHED BY VERSICO OR THE PRIOR EXISTING ROOFING MATERIAL OVER WHICH THE VERSICO ROOFING SYSTEM HAS BEEN INSTALLED.

THE REMEDIES STATED HEREIN ARE THE SOLE AND EXCLUSIVE REMEDIES FOR FAILURE OF THE VERSICO TOTAL ROOFING SYSTEM OR ITS COMPONENTS. THERE ARE NO WARRANTIES EITHER EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF FITNESS FOR A PARTICULAR PURPOSE AND MERCHANTABILITY, WHICH EXTEND BEYOND THE FACE HEREOF. VERSICO SHALL NOT BE LIABLE FOR ANY INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS OR DAMAGE TO THE BUILDING OR ITS CONTENTS UNDER ANY THEORY OF LAW.

BY: Ariel M. Andrejev

Ariel M. Andrejev

AUTHORIZED SIGNATURE
TITLE: Director, Technical and Warranty Services

P.O. Box 1289 • Carlisle, PA 17013 • toll free / 800.233.0551 • fax / 717.245.7121 • www.versico.com

Versico Care and Maintenance Guide

In order to ensure the long-term performance of your Roofing System and continued warranty service and coverage, regular rooftop maintenance inspections are necessary. While normal aging will occur on all roofs, if not detected early, problems stemming from abuse, contamination, accidents and severe weather can result in extensive and costly repairs or premature failure of the roofing system. Single-ply Roofing Systems are typically low-slope and easy to inspect, but caution must be taken to ensure safety. Versico disclaims and assumes no liability for any rooftop activity.

- Owner must retain records related to the Roofing System. Such records include, but are not limited to: the warranty document and serial number, maintenance inspection logs, rooftop traffic logs, service logs, and invoices for work performed on the roofing system.
- Inspect the roof at least every six months (preferably spring and fall) and immediately following any weather event that includes excessive rainfall, high winds and/or hail warnings. Increased number of rooftop maintenance inspections may be required on some roofs as the location may dictate, such as higher trees near the building which will accumulate leaves and debris on the roof and have adverse effects on drainage. In addition, rooftop maintenance inspections should occur after regular maintenance of any rooftop unit.

When inspecting the Roofing System, pay special attention to the following:
- Walls/Parapets/Roof Edge – Wind damage often begins at the perimeter of the roof. Ensure all membrane terminations and edge metal and copings are secure.
- Roof Deck Membrane – Inspect the field of the roof, scanning for damage caused by wind-blown debris or traffic.
- Penetrations/Rooftop Units – Inspect the membrane, flashings and terminations around penetrations and roof top units for possible damage from service work. Ensure the units and terminations are secure.
- Remove debris (leaves, dirt, trash, etc.) – Good roofing practice dictates that water should drain from the roof and that ponded water should evaporate within 48 to 72 hours after a rainfall. Debris can inhibit drainage.

Additional Maintenance Items:
- Foot Traffic – Walkways must be provided if regular traffic is required or if rooftop equipment has a regular thirty (30) day or less maintenance schedule.
- Petroleum Products & Chemicals - Keep all liquids containing petroleum products or chemicals off the membrane to avoid product degradation.
- Animal Fats/Vegetable Oils: EPDM Membranes - Do not exhaust animal fats/vegetable oils directly onto EPDM roof surfaces. TPO & PVC Membranes – Animal fats/vegetable oils must be regularly removed and the rooftop surface cleaned with a mixture of soap and water.

What to do if a leak occurs:
- After verifying the leak is through the roofing system, contact Versico at 1-800-233-0551 or at www.versico.com.
- If minor, emergency temporary repairs are made to a suspected leak area, use Versico's Lap Sealant or a good-grade rubber caulk to address the repair area (do not use asphaltic roof cement). Please note, Versico is not responsible for the cost associated with any emergency temporary repairs.

Alterations to the Roofing System:
- Alterations to the Roofing System must be completed by a Versico Authorized Contractor. The Versico Authorized Contractor must notify Versico when the revision work is complete. The necessary form can be found on the Versico website via the Authorized Contractors login.

Warranty Transfer:
- Warranties shall be transferable upon a change in ownership of the building when the Owner has completed certain procedures. This form can be found on the Versico website for additional guidelines.

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ROOFING SYSTEM WARRANTY

System Warranty Revisions & Alterations Procedure
Care & Maintenance Instructions

VERSICO
ROOFING SYSTEMS

WARRANTY REVISIONS AND ALTERATIONS PROCEDURES

Versico recommends periodic roof system evaluations to ensure the roofing system is performing as intended. We suggest regular maintenance inspections be conducted by a Versico Authorized Roofing Contractor or by someone specially trained in single-ply roofing installations. However, even with the most rigorous reviews, roofing systems can be damaged by flying debris, other trades servicing rooftop equipment, etc. Regardless of how the damage occurs, it is important to understand how to both protect your warranty investment and prolong the life of your roofing system. Following these procedures and recommendations can ensure that repairs are performed accurately so that the warranty duration and coverage remain intact.

Warranty Revisions & Alterations Procedures

1. Paragraph 4(a) of the Versico Roofing System Warranty states: "This warranty shall be null and void if, after installation of the Versico Roofing System by a Versico Authorized Roofing Contractor, there are any alterations or repairs made on or through the roof, or objects such as, but not limited to, structures fixtures, solar panels, wind turbines, roof gardens or utilities placed upon or attached to the roof without first obtaining written authorization from Versico."

2. Solar panel installations entail additional documentation and require building owner authorization. Please refer to Versico's website to review the proper documentation for Photovoltaic installations.

Below is address information for Versico's Warranty Services Department.

Versico
Attn. Warranty Services
P.O. Box 1289, Carlisle, PA 17013
Phone: 800.992.7663 | Fax: 717.960.4035

3. A Versico Authorized Roofing Contractor must perform all revision work. It is recommended that the original contractor who installed the roofing system perform the revision work, if possible.

4. The Versico Authorized Roofing Contractor must notify Versico when the revision work is complete. The form can be found on Versico's website under the password protected section titled Warranty Revisions/ Alteration Procedures.

5. At Versico's discretion, a Versico Field Service Representative may conduct an inspection to ensure compliance with the current published Versico Specifications and Details. The contractor will be notified of the results. Current inspection charges and expenses will apply.

6. When the revision or alteration is completed in compliance with the above procedures, Versico will notify the building owner that the warranty is being continued.

Care and Maintenance Instructions

The following maintenance items are the responsibility of the building owner and are not included within the scope of the Roofing System Warranty.

MAINTENANCE ITEM	ACTION
Drainage	Keep the roof surface clean at drain areas to avoid clogging. While the presence of ponded water will not void the Versico warranty, good roofing practice dictates that water should drain from the roof and that ponded water should evaporate within 48 to 72 hours after a rainfall.
Petroleum Products	Keep all petroleum products (solvents, greases, oils, or any liquids containing petroleum products) off the membrane to avoid degradation.
Animal Fats – EPDM Membranes	Do not exhaust kitchen wastes (vegetable oils) or other animal fats directly onto the roof surface. If incidental contact is likely, contact Versico for recommendations on membrane type and usage.
Animal Fats – TPO & PVC Membranes	TPO and PVC membranes for restaurant rooftop use will not void the warranty. A rooftop maintenance program must be in place to ensure that accumulations of animal fats/grease are regularly removed and the rooftop surface is cleaned with a mixture of warm soap and water and/or by other approved cleaning methods. See Versico's Installation Guide for specific cleaning instructions.
Chemicals	Contact Versico if any chemicals come in contact with the roofing membrane. Some chemicals could degrade the membrane or cause swelling.
Foot Traffic	Walkways must be provided if regular traffic is required or if rooftop equipment has a regular thirty (30) day or less maintenance schedule. Exercise caution when not walking on walkways, especially on white membranes (VersiGard white EPDM, VersiWeld TPO, or VersiFlex PVC) as ice or frost build-up may not be visible. All membranes are slippery when wet.
Roof Cement	**DO NOT USE ASPHALTIC ROOF CEMENT** to repair or install rubber membrane. Roof cement contains petroleum products that may degrade the membrane.
Temporary Repairs	Use Versico's Lap Sealant or any good-grade rubber caulk to make temporary repairs. Notify Versico of this action in writing. Versico is not responsible for emergency/temporary repairs in inclement weather conditions that will not allow a permanent repair.

Care and Maintenance Instructions *(continued)*

Leaks	Locate the leak and determine if it is a roof membrane leak or a wall, curb, skylight, metal ductwork or plumbing leak. Deterioration or failure of building components that causes a leak is not covered by the warranty. A water leak may be indicated by soft or warped insulation. Physical damage to the membrane or flashing is not covered by the warranty. If the leak is determined to be membrane-related, please notify Versico's Warranty Services department at (800)-233-0551 or online at www.versico.com; Warranty Services link. The building owner is responsible to provide access to the roof system by removing overburden including snow/ice/water removal in excess of 1 hour.
Hypalon and Non-Versico Acrylic Coatings	These are maintenance items and are excluded from the Versico warranty. Recoat when necessary.
Rooftop Maintenance	When it is necessary for workers to be on the roof to service rooftop equipment (HVAC units, antennas, etc.) workers should be cautioned to use walkways and exercise care with their tools and equipment to avoid puncturing the roofing membrane.
Roof Alterations	Please refer to the Versico Roofing System Revisions and Alteration procedures on the preceding page.
Cleaning	Handprints, footprints, general traffic grime, industrial pollutants and environmental dirt may be cleaned from the surface of the membrane by scrubbing with detergent and water, then rinsing with clean water. To maximize reflectivity, white membrane(s) should be cleaned once every two years.
Metal Work	Keep roof maintenance items such as counterflashing, metal curbs and metal ducts sealed watertight at all times.

The preceding care and maintenance requirements are for VersiGard EPDM (black and white), VersiWeld, VersiFlex and VersiFleece Membrane Roofing Systems. The list is not meant to be exhaustive and is for illustrative purposes only. Versico recommends that your maintenance staff and/or maintenance contractor inspect the roof periodically or at least twice a year. The inspection should concentrate on high-risk areas such as roof hatches, drains and around all rooftop equipment as well as general inspection of the entire roof. The inspector should be looking for membrane damage (cuts and tears), oil or Freon leaks, chemical spills, and water infiltration into the roofing system.

Compliance with the above-listed care and maintenance requirements will aid in ensuring a durable, watertight membrane roofing system.

Building Maintenance

We are pleased that you purchased a Versico roof and would like to provide some recommendations about how to properly care for your roof to ensure long-term performance.

Inspect and maintain your roof on schedule.

Weather, structural movement and stress are constantly attacking your roof. While normal aging will occur on all roofs, problems stemming from neglect, abuse, contamination or accident can result in extensive, costly repairs or premature failure of the roofing system *if not detected early.*

You can add years to the life of your roof by properly maintaining the roof with a regular inspection program to detect minor problems before they become serious. Plan and start an inspection program during the first year your new roof has been installed.

Track your roof maintenance.

An essential element of a good inspection and maintenance program is proper record keeping and documentation. Versico recommends restricted access to your roof. Versico has provided a maintenance log for your convenience to keep track of who has access to your roof.

The log also includes columns to track two maintenance/inspection events per year. Versico recommends that you have your roof inspected twice annually and after a severe storm. Please have your Versico authorized maintenance company document the condition of your roof with photographs.

If repair, alteration or retrofit is needed, please see the revisions and alterations procedures included in your owner's manual packet.

CAUTION: ⚠

Roof surfaces may be slippery. Use extreme caution when walking on your roof.

Warranty Maintenance Log

INSTALLATION DATE	WARRANTY TERM

Building Name: _____ Date: _____ Contact Person: _____ Warranty Number: _____

Building Address: _____ City: _____ State: _____ Zip: _____

Telephone: _____ Building Owner's Name: _____ Customer Number: _____

Description of Surrounding Terrain (city, country, hill, valley): _____ Building Usage (note humidity, chemical processing, vibrations, etc.): _____

Building Height: _____ Slope: _____ Deck: _____ Insulation: _____

DATE ACCESS GRANTED	ROOF ACCESS GRANTED BY	COMPANY GRANTED ACCESS	NAME	PURPOSE OF ACCESS	IS THE HVAC LEAKING	IS THE ROOF LEAKING?	IS THE LEAK REPAIRED?	SPRING MAINTENANCE INSPECTION		FALL MAINTENANCE INSPECTION	
								CONDUCTED BY	DATE	CONDUCTED BY	DATE

DATE ACCESS GRANTED	ROOF ACCESS GRANTED BY	COMPANY GRANTED ACCESS	NAME	PURPOSE OF ACCESS	IS THE HVAC LEAKING	IS THE ROOF LEAKING?	IS THE LEAK REPAIRED?	SPRING MAINTENANCE INSPECTION		FALL MAINTENANCE INSPECTION	
								CONDUCTED BY	DATE	CONDUCTED BY	DATE

DATE ACCESS GRANTED	ROOF ACCESS GRANTED BY	COMPANY GRANTED ACCESS	NAME	PURPOSE OF ACCESS	IS THE HVAC LEAKING	IS THE ROOF LEAKING?	IS THE LEAK REPAIRED?	SPRING MAINTENANCE INSPECTION		FALL MAINTENANCE INSPECTION	
								CONDUCTED BY	DATE	CONDUCTED BY	DATE

ADDITIONAL COMMENTS:

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REPRINT REQUEST CODE: 603227 - "Care and Maintenance Brochure Warranty Insert" - 02.14.20

Versico, VersiGard, VersiWeld, VersiFlex and VersiFleece are a trademark of Versico.

BL Mechanical, Inc.

726 Quaker Highway, Uxbridge, MA 01569

*Tel. No.: (508) 779-7401 *Fax No.: (508) 848-0812

2/25/2026

Enfield Enterprises LLC
30 Magaziner Place
Springfield, MA 01104

RE:

Building 1372 Roof Replacement
Newport Naval Shipyard
Newport, RI 02841
Project # N4008524F5985
Warranty Letter

BL Mechanical, Inc. warranties all materials and workmanship involved in the Building 1372 Roof Replacement project at the Newport Naval Base for the new duct insulation for a period of one year from the date of substantial completion – 2/17/2026. This guarantees against any and all defects in the material and workmanship. All warranty work will be done at the convenience of the customer and performed at the earliest possible time.

Regards,

Ben Sherblom
BL Mechanical, Inc.

RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
NAVAL STATION NEWPORT, RI

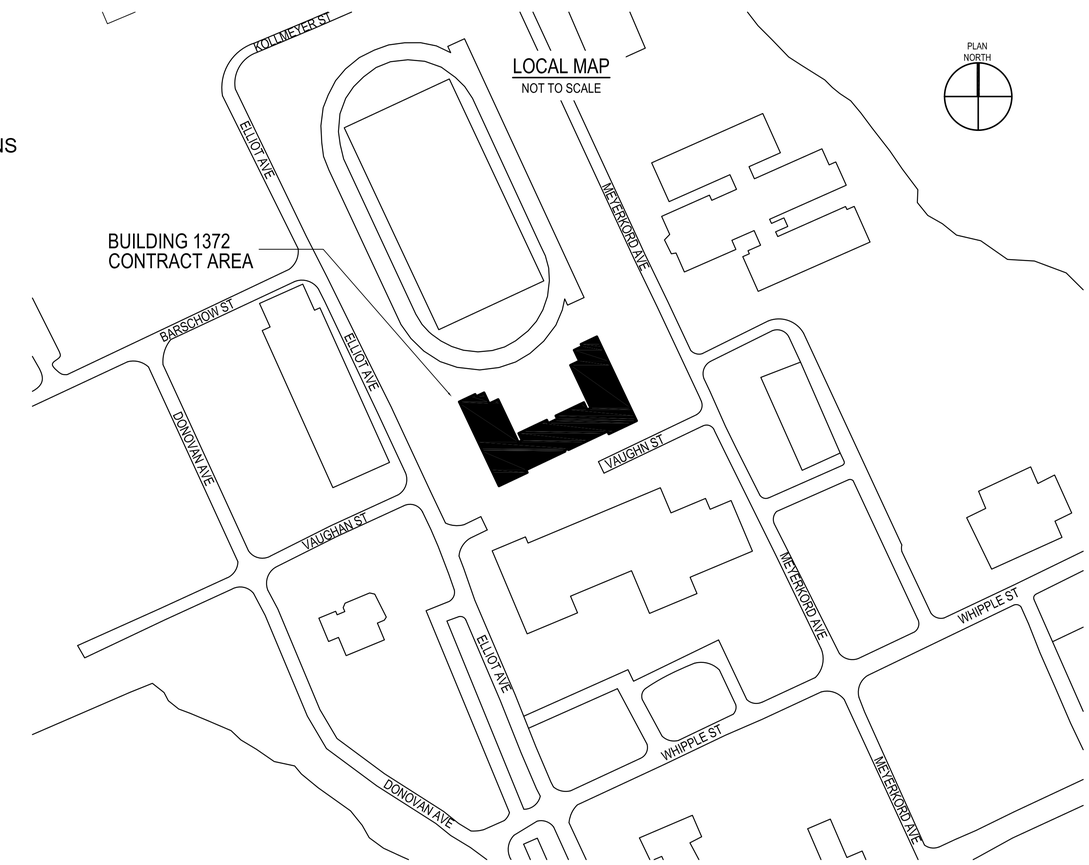
PREPARED FOR

NAVAL FACILITIES ENGINEERING COMMAND ~ MID-ATLANTIC

DRAWING LIST

DRAWING #	NAVFAC #	SHEET #	TITLE #
GI001		1 OF 16	COVER SHEET
GI002		2 OF 16	SITE PLAN AND GENERAL NOTES
GI003		3 OF 16	PHOTOGRAPHIC DOCUMENTATION
GI004		4 OF 16	CONCEPTUAL TAPERED LAYOUT PLAN AND CROSS SECTIONS
AD101		5 OF 16	ROOF AREA PLAN - DEMOLITION
AD201		6 OF 16	NORTH, EAST, AND WEST ELEVATIONS - DEMOLITION
AD202		7 OF 16	SOUTH, EAST, AND WEST ELEVATIONS - DEMOLITION
AD501		8 OF 16	DETAILS - DEMOLITION
A101		9 OF 16	ROOF AREA PLAN - INSTALLATION
A201		10 OF 16	NORTH, EAST, AND WEST ELEVATIONS - INSTALLATION
A202		11 OF 16	SOUTH, EAST, AND WEST ELEVATIONS - INSTALLATION
A501		12 OF 16	DETAILS - NEW INSTALLATION
A502		13 OF 16	DETAILS - NEW INSTALLATION
A503		14 OF 16	DETAILS - NEW INSTALLATION
A504		15 OF 16	DETAILS - NEW INSTALLATION
A505		16 OF 16	DETAILS - NEW INSTALLATION

LOCAL MAP
NOT TO SCALE



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ACTIVITY
Approved by <<ACTIVITY_REP>>, <<ACTIVITY_REP_TITLE>>, with <<ACTIVITY>>, via Email.

SATISFACTORY TO DATE MM/DD/YYYY

DES	GALE	DRW	JEN	CHK	CM

PM/DM
BRANCH MANAGER
CHIEF ENG/ARCH
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
PUBLIC WORKS DEPARTMENT - MAINE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION NEWPORT - NEWPORT, RI
NAVAL STATION NEWPORT
NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
COVER SHEET

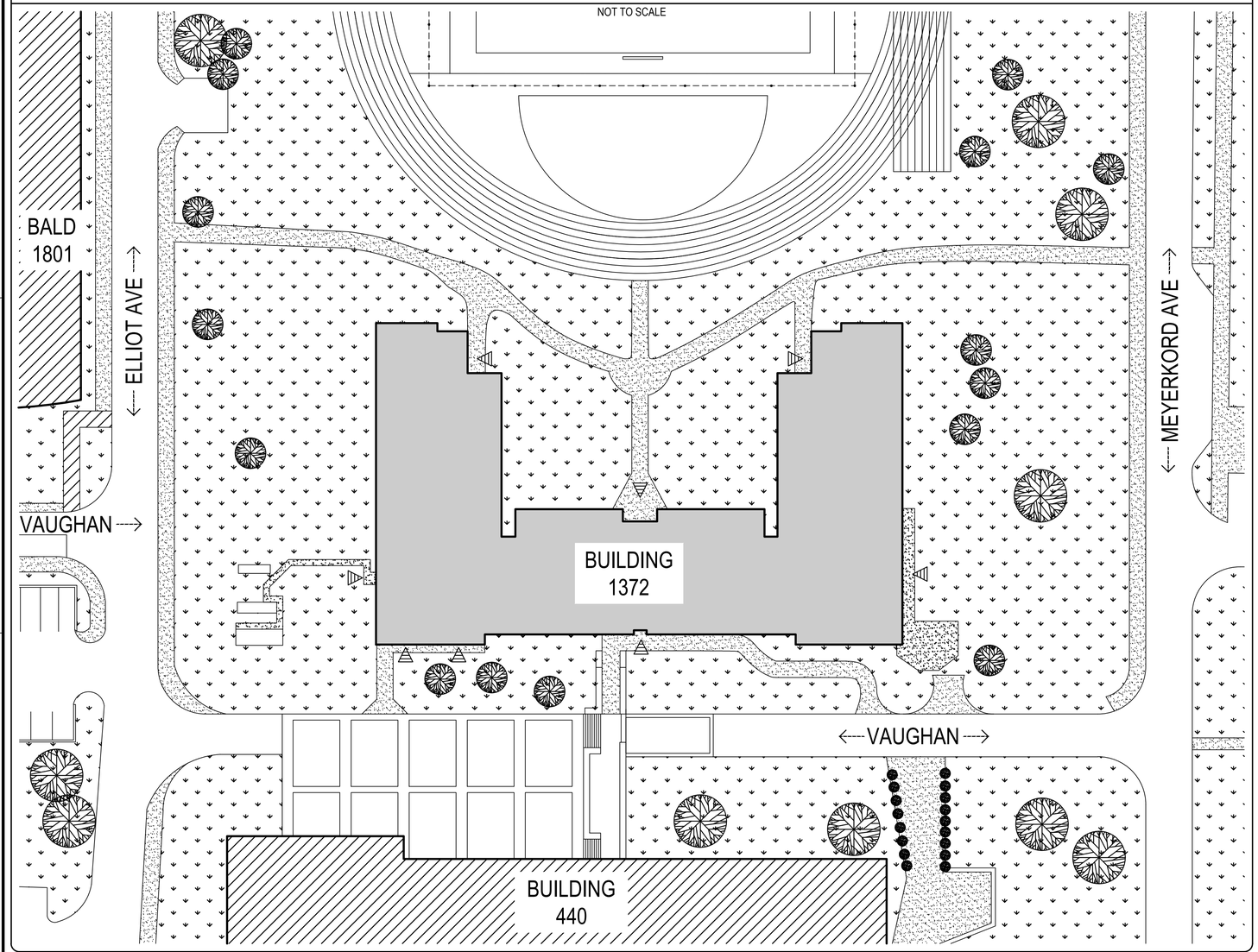
SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 1 OF 16
GI001

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03 As Builts\843810 GI001.dwg LAYOUT NAME: GI001 PLOTTED: Thursday, January 08, 2026 - 1:41pm USER: kcc

SITE PLAN

NOT TO SCALE



GENERAL NOTES

1. THESE GENERAL NOTES SHALL APPLY TO ALL DRAWING SHEETS.
2. THE INFORMATION SHOWN ON THIS DRAWING HAS BEEN COMPLIED FROM VARIOUS SOURCES, AND MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION.
3. HATCH PATTERNS ARE FOR REPRESENTATION ONLY AND SHOULD NOT BE USED A MEANS FOR QUANTIFYING.
4. DISCREPANCIES NOTED BY THE CONTRACTOR IN THE DRAWINGS OR SPECIFICATIONS MUST BE BROUGHT TO THE OWNER'S ATTENTION PRIOR TO PERFORMING WORK.
5. ALL ITEMS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS APPLICABLE TO THE PROJECT.
6. THE CONTRACTOR SHALL REPORT DETERIORATED OR UNSUITABLE STRUCTURAL DECK OR SUBSTRATES TO THE OWNER PRIOR TO PERFORMING ROOFING INSTALLATION WORK.
7. THE CONTRACTOR IS CAUTIONED THAT DUE TO BUILDING OCCUPANCY, THE OWNER REQUIRES COMPLIANCE ON WORK HOURS, SCHEDULING, SET-UP CLEANUP. PARKING, SECURITY, ETC. REFER TO SPECIFICATIONS FOR OWNER REQUIREMENTS.
8. NOTIFY THE OWNER OF WORK LOCATIONS A MINIMUM OF 72 HOURS IN ADVANCE IN ORDER THAT OCCUPANCY BELOW THE WORK AREAS MAY BE CONTROLLED.
9. ROOFING AND FLASHING SHALL BE 100% WEATHER TIGHT ON A DAILY BASIS. REMOVE ONLY AS MUCH ROOFING AS CAN BE REPLACED ON THE SAME DAY. PHASED CONSTRUCTION IS NOT PERMITTED.
10. REMOVE EXISTING LOW SLOPED ROOF SYSTEM, SHEET METAL EDGE COMPONENTS AND ASSOCIATED FLASHINGS AND UNDERLAYMENTS DOWN TO THE EXISTING ROOF DECK TO INSTALL THE NEW ROOF SYSTEM.
11. DETAILS NOT DEPICTED SHALL BE CONSTRUCTED IN A MANNER CONSISTENT TO THE DETAIL DRAWINGS.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND LEGALLY DISPOSING OF ALL MATERIALS LISTED AND/OR INDICATED ON THE DRAWINGS OR NOTED IN THE WRITTEN SPECIFICATIONS - TYPICAL.
13. THE CONTRACTOR IS RESPONSIBLE FOR CHECKING AND VERIFYING ALL DIMENSIONS, CONDITIONS, HEIGHTS, MATERIAL THICKNESS, ETC., IN THE FIELD PRIOR TO ORDERING MATERIAL AND COMMENCING CONSTRUCTION.
14. THE BUILDING SHALL BE MAINTAINED IN A DUST FREE CONDITION. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY PROTECTION TO ENSURE THE INTERIOR OF THE BUILDING REMAINS DUST FREE. NO DEMOLITION CAN PROCEED UNTIL AN APPROVED TEMPORARY PROTECTION SYSTEM IS IN PLACE.
15. DUE TO THE CONGESTION AROUND THE PROJECT SITE THE CONTRACTOR MUST PROVIDE DETAILED TRAFFIC AND SCAFFOLDING PLANS TO THE OWNER FOR REVIEW. THE CONTRACTOR WILL ONLY BE ALLOWED THE AREAS SHOWN FOR SETUP AND STORAGE OF MATERIALS.
16. JOB SITE SAFETY IS THE CONTRACTOR' RESPONSIBILITY. GALE REPRESENTATIVES, INCLUDING SUBCONSULTANTS RETAINED BY GALE, MAY VISIT THE JOB SITE FROM TIME TO TIME. THESE VISITS ARE FOR CLARIFICATIONS OF SPECIFIC DESIGN RELATED ISSUES ONLY AND ARE NOT FOR THE PURPOSES OF JOB SITE SAFETY. IT IS THE CONTRACTOR/S SOLE RESPONSIBILITY TO COMPLY WITH ALL SITE SAFETY APPLICABLE REQUIREMENTS.
17. FOR SAKE OF CLARITY, NOT ALL DETAIL INDICATORS HAVE BEEN SHOWN ON THE PLANS OR ELEVATIONS. DETAIL FLAGS HAVE BEEN SHOWN AT RANDOM LOCATIONS. PROVIDE SIMILAR DETAILS AT LEGEND DESIGNATED LOCATIONS.
18. SCAFFOLDING IS NOT ANTICIPATED TO BE REQUIRED FOR THIS PROJECT.

FASTENER TYPES

1. IN GENERAL, ALL FASTENERS, ANCHORS, NAILS, STRAPS AND OTHER ACCESSORIES SHALL BE OF STAINLESS STEEL, GALVANIZED STEEL OR FLUOROCARBON COATED STEEL. GALVANIZING SHALL BE HOT DIP IN ACCORDANCE WITH ASTM A153 SPECIFICATIONS. ELECTRO-GALVANIZED ITEMS SHALL NOT BE USED.
2. FASTENERS FOR SECURING WOOD BLOCKING TO WOOD BLOCKING SHALL BE GALVANIZED ANNULAR THREADED RING SHANK NAILS. FASTENERS SHALL BE OF SUFFICIENT LENGTH TO PENETRATE THE RECEIVING MEMBER 1-1/2" MINIMUM, EXCEPT FULL DEPTH INTO PLYWOOD
3. FASTENERS FOR SECURING WOOD BLOCKING OR INSULATION TO METAL DECK SHALL BE NO.14 SELF-DRILLING, SELF-TAPPING SCREWS. FASTENERS SHALL BE LONG ENOUGH TO PENETRATE THE RECEIVING SUBSTRATE 5/8-INCH MINIMUM TO 1-1/4-INCH MAXIMUM. WHERE PRACTICAL, SCREWS SHALL PENETRATE ONLY THE UPPER FLUTE OF THE STEEL DECK. FASTENERS SHALL BE STAINLESS STEEL, OR SHALL BE FLUOROCARBON COATED STEEL, IN ORDER TO PREVENT RUSTING IN ACCORDANCE WITH FM 4470 REQUIREMENTS.
4. FASTENERS FOR SECURING INTO METAL STUD FRAMING SHALL BE SELF-DRILLING, SELF-TAPPING SCREWS. FASTENERS SHALL BE LONG ENOUGH TO PENETRATE THE RECEIVING SUBSTRATE 5/8 INCH MINIMUM TO 1-1/4 INCH MAXIMUM WITH A SCREW DIAMETER OF 4.8MM MINIMUM. FASTENERS SHALL BE STAINLESS STEEL OR SHALL BE FLUOROCARBON COATED STEEL STEEL IN ORDER TO PREVENT RUSTING.
5. FASTENERS FOR SECURING TO PRESSURE TREATED WOOD BLOCKING SHALL BE STAINLESS STEEL OF EITHER AISI 304 OR 316 ALLOY.
6. TERMINATION BARS SHALL BE 1/8" X 1" ALUMINUM OR STAINLESS STEEL BAR (AS REQUIRED TO PREVENT GALVANIC ACTION WITH THE FLASHINGS BEING SECURED) WITH PRE-PUNCHED HOLES AT SIX INCHES (6") ON CENTER, OR AS REQUIRED BY THE MEMBRANE MANUFACTURER.
7. STRESS PLATES SHALL BE 3" ALUMINUM PLATE, OR AS REQUIRED BY THE MEMBRANE MANUFACTURER.
8. EXPANSION ANCHORS: FABRICATED FORM CORROSION-RESISTANT MATERIALS, WITH CAPABILITY TO SUSTAIN. WITHOUT FAILURE, A LOAD EQUAL TO 5 TIMES DESIGN LOAD, AS DETERMINED BY TESTING PER ASTM E 488 CONDUCTED BY A QUALIFIED INDEPENDENT TESTING AGENCY.
9. SECURING WOOD BLOCKING TO STEEL FRAMING SHALL HAVE A MAXIMUM SPACING OF FORTY EIGHT INCHES (48") AT THE PERIMETERS AND TWENTY FOUR INCHES (24") AT THE CORNERS.
10. SECURING WOOD BLOCKING TO WOOD BLOCKING OR METAL STUDS SHALL HAVE A MAXIMUM SPACING OF TWENTY FOUR INCHES (24") AND TWELVE INCHES (12") AT THE CORNERS.
11. FASTENERS SHALL BE INSTALLED IN TWO (2) ROWS. STAGGERED SIX INCHES (6") ON CENTER. FASTENERS SHALL BE SPACED THREE (3) TO FOUR (4) INCHES FROM THE END OF EACH BOARD.

SITE LEGEND

ALL ITEMS ARE EXISTING UNLESS OTHERWISE NOTED PROPOSED

- ROOF LINE
- BUILDING IN CONTRACT
- BUILDING NOT IN CONTRACT
- GRASS/LANDSCAPED AREAS
- SIDEWALK/WALKWAY
- BUILDING ENTRANCE DO NOT OBSTRUCT
- TREE; SIZE VARIES
- FENCE LINE

CODE REFERENCES

1. UNIFORM FACILITY CRITERIA (UFC) - 1-200-01 GENERAL BUILDING REQUIREMENTS.
2. UNIFORM FACILITY CRITERIA (UFC) - 3-110-05 ROOFING.
3. INTERNATIONAL BUILDING CODE (IBC) - 2021
4. INTERNATIONAL EXISTING BUILDING CODE (IEBC) - 2021
5. INTERNATIONAL ENERGY CONSERVATION CODE (IECC) - 2021
6. INTERNATIONAL ENERGY OF CIVIL ENGINEERS (ASCE) - 7-16

SYMBOL LEGEND

DETAIL SYMBOL

— LETTER/NUMBER DESIGNATION

\- — SHEET NUMBER WHERE DETAIL IS DRAWN

MARK	DESCRIPTION	DATE

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NAVAL STATION NEWPORT
NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT

SITE PLAN AND GENERAL NOTES

SCALE: NOT TO SCALE
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 2 OF 16

GI002

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03. As Builts\843810_GI002.dwg LAYOUT NAME: GI002 PLOTTED: Thursday, January 08, 2026 - 1:43pm USER: krc

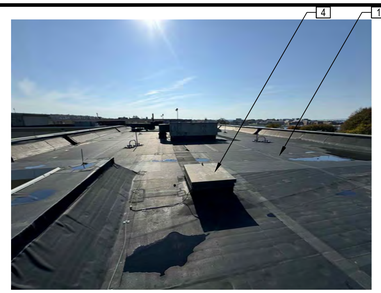

PHOTO 1 - PARTIAL VIEW OF ROOF AREA A.

PHOTO 2 - PARTIAL VIEW OF ROOF AREA A.

PHOTO 3 - PARTIAL VIEW OF ROOF AREA A'S PARAPET.

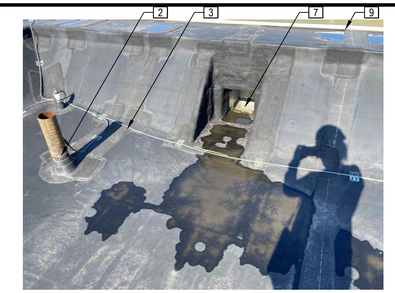

PHOTO 4 - VIEW OF A TYPICAL THROUGHWALL SCUPPER.

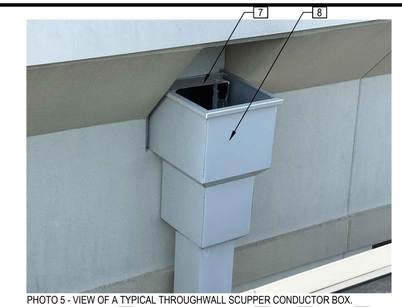

PHOTO 5 - VIEW OF A TYPICAL THROUGHWALL SCUPPER CONDUCTOR BOX.

PHOTO 6 - VIEW OF THE EAST ELEVATION.

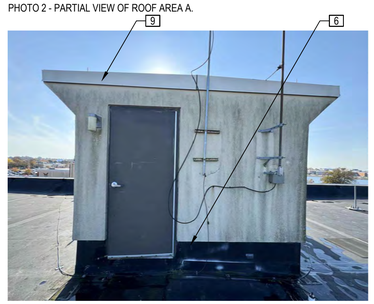

PHOTO 7 - VIEW OF THE PENTHOUSE ABOVE ROOF AREA A.

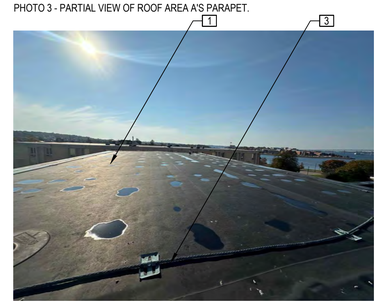

PHOTO 8 - PARTIAL VIEW OF ROOF AREA C.

PHOTO 9 - PARTIAL VIEW OF ROOF AREA D.

PHOTO 10 - PARTIAL VIEW OF ROOF AREA B.

PHOTO 11 - RTU 1

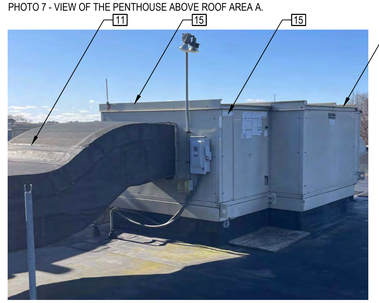

PHOTO 12 - RTU 2

PHOTO 13 - RTU 3

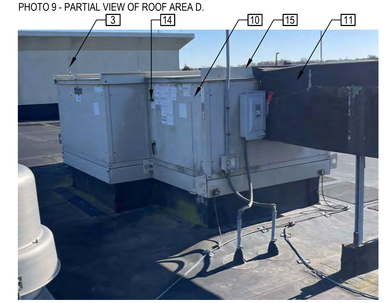

PHOTO 14 - RTU 4

PHOTO 15 - RTU 5

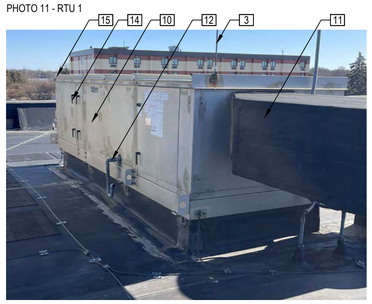

PHOTO 16 - RTU 6

PHOTO 17 - RTU 7

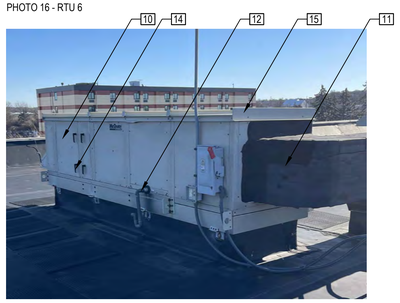

PHOTO 18 - RTU 8

ROOF TOP UNIT SCOPE OF WORK

IT IS THE INTENT OF THIS PROJECT TO KEEP THE EXISTING ROOF TOP UNITS IN PLACE, AND PERFORM THE FOLLOWING REPAIRS:

1. REPLACE ALL DUCT INSULATION AND WATERPROOF MEMBRANE. PROVIDE NEW WATER WRAP MEMBRANE. APPROXIMATE SQUARE FOOTAGE 920SF.
2. REPLACE AHU DOOR HANDLES - 50 HANDLES
3. REPLACE AHU - FIXED PANELS (APPROX. 8'X5" EA, 6 UNITS)
4. PROVIDE ALL NEW SCREWS FOR ALL PANELS
5. REMOVE PAINT (ON THE INSIDE OF DOORS) AND ANY RUST FROM THE BOTTOM OF INSIDE OF 30% OF THE AHU DOORS. PRIME AND RUST PROOF THE BOTTOM OF THE AHU DOORS WHICH REQUIRE REPAIRS – ESTIMATED 30%OF ALL AHU DOORS.
6. PROVIDE ALL NEW RUBBER GASKETS FOR ALL AHU DOORS AND BUTYL TAPE FOR THE FIXED PANELS

PHOTOGRAPHIC INDICATORS

THE PHOTOGRAPHS SHOWN ON THIS SHEET ARE UNIQUE AND TYPICAL. THEY ARE NOT TO BE CONSIDERED AS ALL ENCOMPASSING.

1. REMOVE AND REPLACE ROOF ASSEMBLY; TYPICAL
2. INSTALL NEW SHEET METAL AND FLASHINGS AROUND ALL PIPES, STACKS, VENTS, EQUIPMENT SUPPORTS, AND OTHER ROOF PENETRATIONS
3. COORDINATE WITH LIGHTNING PROTECTION SUBCONTRACTOR FOR THE INSTALLATION OF LIGHTNING PROTECTION SYSTEM
4. RAISE ROOF HATCH CURB, INSTALL SHEET METAL AND FLASHINGS PRIOR TO REINSTALLING ROOF HATCH
5. INSTALL FAN CURB FLASHINGS AND SHEET METAL SKIRT FLASHINGS
6. INSTALL SHEET METAL FLASHING AT EIFS WALLS
7. INSTALL THERMOPLASTIC CLAD METAL SCUPPER SLEEVE AND MEMBRANE FLASHINGS
8. REMOVE, STORE AND REINSTALL CONDUCTOR BOX AND DOWNSPOUT AS REQUIRED TO INSTALL NEW SCUPPER SLEEVE
9. INSTALL SHEET METAL AND PERIMETER EDGE METAL FLASHING
10. RTU; REMOVE AND REPLACE FACE FASTENERS WITH FASTENERS THROUGH EPDM BACKED METAL WASHERS; TYPICAL
11. REMOVE AND REPLACE DUCT INSULATION; TYPICAL
12. PROVIDE ROOF MANUFACTURER'S WALKWAY PAD AND SPLASHBLOCK UNDER CONDENSATE PIPE, TYPICAL
13. REPLACE MISSING CONDUCTOR AND DOWNSPOUT TO MATCH THE EXISTING CONFIGURATIONS
14. REPLACE ALL RTU DOOR HANDLES; ESTIMATED QUANTITY EQUALS FIFTY (50)
15. REPLACE SIX (6) DAMAGED RTU SIDE PANELS (CONFIRM LOCATION IN THE FIELD).

GENERAL NOTES

1. THE INFORMATION SHOWN ON THIS DRAWING HAS BEEN COMPILED FROM VARIOUS SOURCES AND MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION.
2. PHOTOGRAPHIC INDICATORS ARE IN APPROXIMATE LOCATIONS.
3. REFER TO SHEET GI002 FOR ADDITIONAL GENERAL NOTES.

KEY PLAN

NOT TO SCALE

MARK	DESCRIPTION	DATE

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PM/DM

BRANCH MANAGER

CHIEF ENG/ARCH

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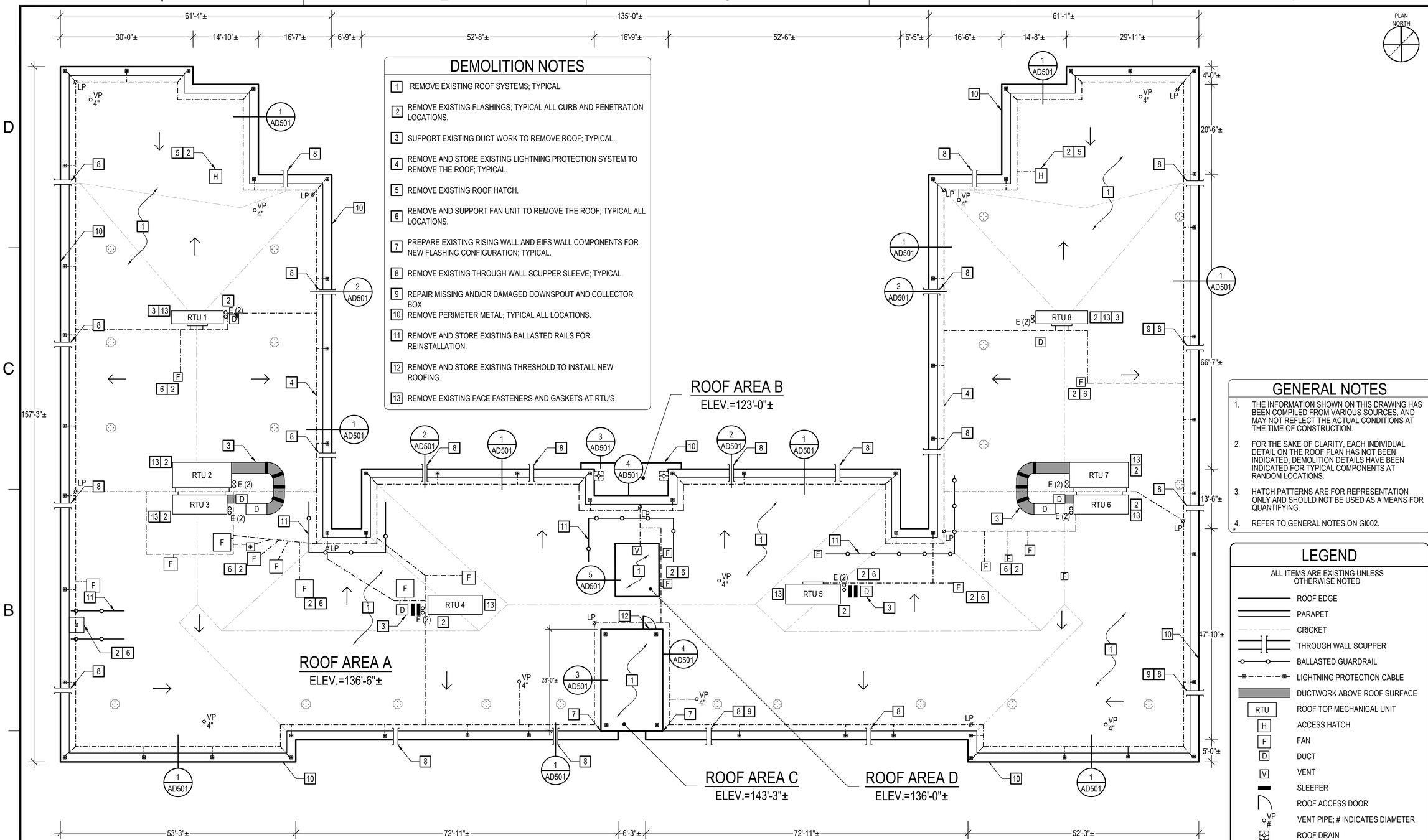
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
PUBLIC WORKS DEPARTMENT - MAINE
NAVAL STATION NEWPORT - NEWPORT, RI
NAVAL STATION NEWPORT
NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
PHOTOGRAPHIC DOCUMENTATION

SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 3 OF 16

GI003

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03 As Builts\843810 GI003.dwg LAYOUT NAME: GI003 PLOTTED: Thursday, January 08, 2026 – 1:46pm USER: krc



DEMOLITION NOTES

1. REMOVE EXISTING ROOF SYSTEMS; TYPICAL.
2. REMOVE EXISTING FLASHINGS; TYPICAL ALL CURB AND PENETRATION LOCATIONS.
3. SUPPORT EXISTING DUCT WORK TO REMOVE ROOF; TYPICAL.
4. REMOVE AND STORE EXISTING LIGHTNING PROTECTION SYSTEM TO REMOVE THE ROOF; TYPICAL.
5. REMOVE EXISTING ROOF HATCH.
6. REMOVE AND SUPPORT FAN UNIT TO REMOVE THE ROOF; TYPICAL ALL LOCATIONS.
7. PREPARE EXISTING RISING WALL AND EIFS WALL COMPONENTS FOR NEW FLASHING CONFIGURATION; TYPICAL.
8. REMOVE EXISTING THROUGH WALL SCUPPER SLEEVE; TYPICAL.
9. REPAIR MISSING AND/OR DAMAGED DOWNSPOUT AND COLLECTOR BOX
10. REMOVE PERIMETER METAL; TYPICAL ALL LOCATIONS.
11. REMOVE AND STORE EXISTING BALLASTED RAILS FOR REINSTALLATION.
12. REMOVE AND STORE EXISTING THRESHOLD TO INSTALL NEW ROOFING.
13. REMOVE EXISTING FACE FASTENERS AND GASKETS AT RTU'S

GENERAL NOTES

1. THE INFORMATION SHOWN ON THIS DRAWING HAS BEEN COMPILED FROM VARIOUS SOURCES, AND MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION.
2. FOR THE SAKE OF CLARITY, EACH INDIVIDUAL DETAIL ON THE ROOF PLAN HAS NOT BEEN INDICATED, DEMOLITION DETAILS HAVE BEEN INDICATED FOR TYPICAL COMPONENTS AT RANDOM LOCATIONS.
3. HATCH PATTERNS ARE FOR REPRESENTATION ONLY AND SHOULD NOT BE USED AS A MEANS FOR QUANTIFYING.
4. REFER TO GENERAL NOTES ON GI002.

LEGEND

ALL ITEMS ARE EXISTING UNLESS OTHERWISE NOTED

- ROOF EDGE
- PARAPET
- CRICKET
- THROUGH WALL SCUPPER
- BALLASTED GUARDRAIL
- LIGHTNING PROTECTION CABLE
- DUCTWORK ABOVE ROOF SURFACE
- RTU — ROOF TOP MECHANICAL UNIT
- H — ACCESS HATCH
- F — FAN
- D — DUCT
- V — VENT
- SLEEPER
- ROOF ACCESS DOOR
- VP # — VENT PIPE; # INDICATES DIAMETER
- ROOF DRAIN
- STACK
- LP — LIGHTNING PROTECTION PENETRATION
- E — ELECTRICAL PENETRATION
- GUARDRAIL BASE; REMOVE AND STORE
- TAPERED INSULATION SLOPE
- ELEV.=#'-#" — HEIGHT RELATIVE TO MAIN ENTRANCE WHICH IS ASSUMED TO BE 100'-0"

1 ROOF AREA PLAN - DEMOLITION

NOTE: ALL ITEMS ARE EXISTING UNLESS OTHERWISE DESIGNATED
SCALE: 3/32"=1'-0"

0 8' 16' 24'

MARK	DESCRIPTION	DATE

NAVFAC

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413-788-2988

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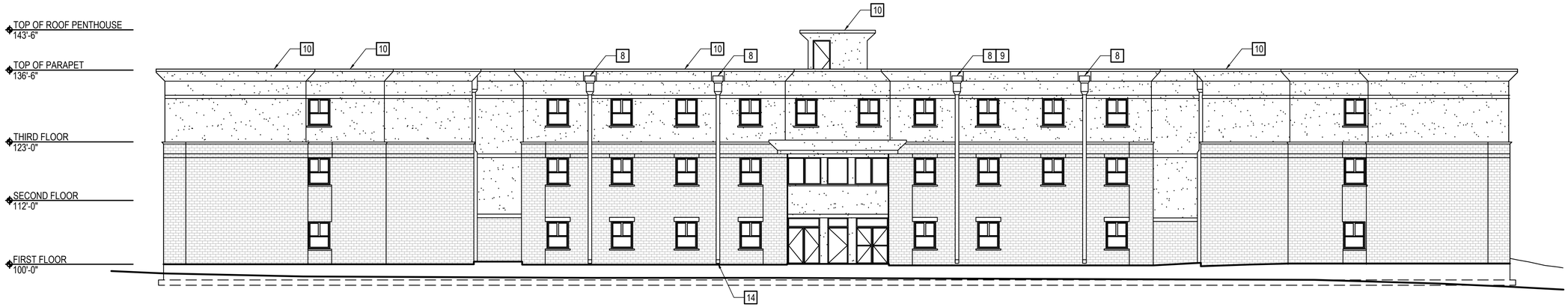
NAVAL STATION NEWPORT - NEWPORT, RI
NAVAL STATION NEWPORT
NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
ROOF AREA PLAN - DEMOLITION

SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 5 OF 16
AD101

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03 As Builts\843810 AD101.dwg LAYOUT NAME: AD101 PLOTTED: Thursday, January 08, 2026 - 1:52pm USER: krc



1 NORTH ELEVATION - DEMOLITION

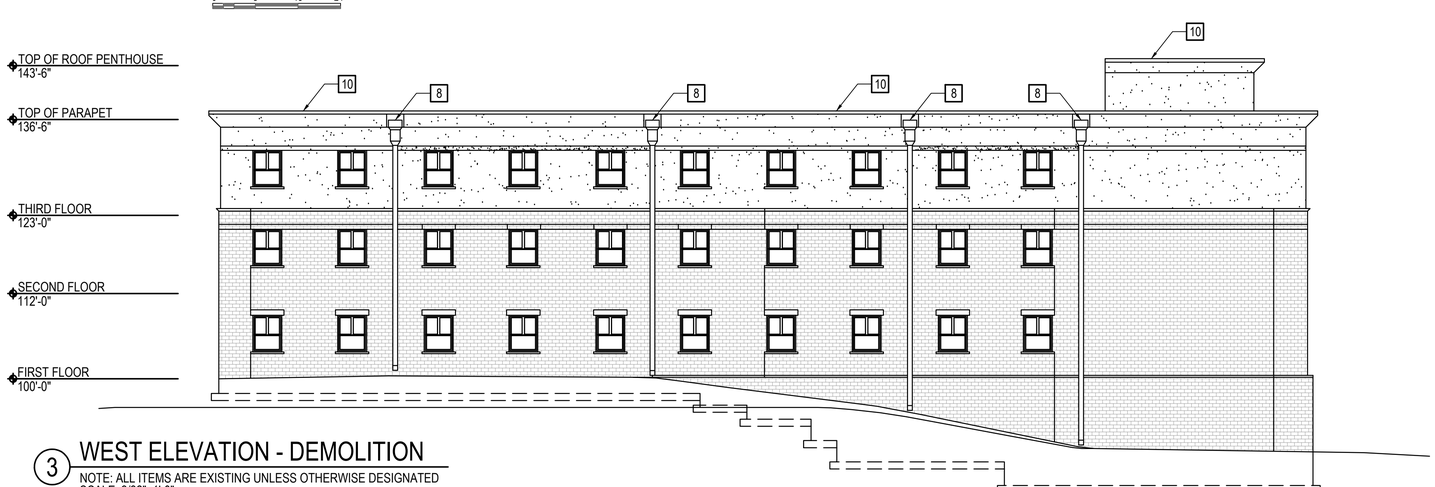
NOTE: ALL ITEMS ARE EXISTING UNLESS OTHERWISE DESIGNATED
SCALE: 3/32"=1'-0"

0 8' 16' 24'

2 EAST ELEVATION - DEMOLITION

NOTE: ALL ITEMS ARE EXISTING UNLESS OTHERWISE DESIGNATED
SCALE: 3/32"=1'-0"

0 8' 16' 24'



3 WEST ELEVATION - DEMOLITION

NOTE: ALL ITEMS ARE EXISTING UNLESS OTHERWISE DESIGNATED
SCALE: 3/32"=1'-0"

0 8' 16' 24'

DEMOLITION NOTES

1. NOT USED ON THIS SHEET.
2. NOT USED ON THIS SHEET.
3. NOT USED ON THIS SHEET.
4. NOT USED ON THIS SHEET.
5. NOT USED ON THIS SHEET.
6. NOT USED ON THIS SHEET.
7. NOT USED ON THIS SHEET.
8. REMOVE EXISTING THROUGH WALL SCUPPER SLEEVE; TYPICAL.
9. REPAIR MISSING AND/OR DAMAGED DOWNSPOUT AND COLLECTOR BOX.
10. REMOVE PERIMETER METAL; TYPICAL ALL LOCATIONS.
11. NOT USED ON THIS SHEET.
12. NOT USED ON THIS SHEET.
13. NOT USED ON THIS SHEET.
14. CLEAR/RELOCATE SOIL TO ATTACHED NEW COLLAR; TWO LOCATIONS.
15. PREPARE SURFACES FOR REPLACEMENT CONDUCTOR BOX AND DOWNSPOUT; REFER TO THE THROUGHWALL SCUPPER DETAIL ON D4.

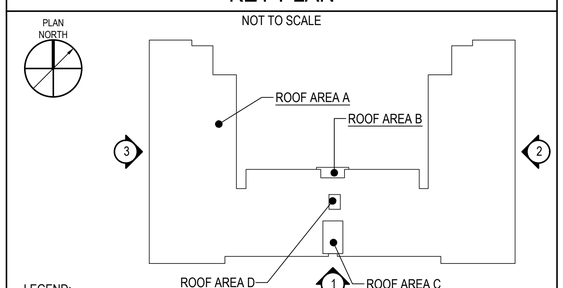
LEGEND

ALL ITEMS ARE EXISTING UNLESS OTHERWISE NOTED

- EXISTING EIFS
- EXISTING BRICK
- TYPICAL EXISTING WINDOW
- TYPICAL EXISTING DOOR
- EXISTING SCUPPER

KEY PLAN

NOT TO SCALE



LEGEND:
(#) ELEVATION INDICATOR

MARK	DESCRIPTION	DATE

NAVFAC

AS BUILT
AS BUILT CONDITONS HAVE BEEN PRESENTED AND REVIEWED BY EEI OF SPRINGFIELD, MA
413-788-2688

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A/E INFO

APPROVED
FOR COMMANDER NAVFAC
ACTIVITY
Approved by <<ACTIVITY_REP>>, <<ACTIVITY_REP_TITLE>>, with <<ACTIVITY>>, via Email.
SATISFACTORY TO DATE MM/DD/YYYY

DES	GALE	DRW	JEN	CHK	CM

PM/DM
BRANCH MANAGER
CHIEF ENG/ARCH
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
PUBLIC WORKS DEPARTMENT - MAINE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION NEWPORT - NEWPORT, RI
NAVAL STATION NEWPORT
NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
NORTH, EAST, AND WEST ELEVATIONS - DEMOLITION

SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 6 OF 16
AD201

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03 As Builts\843810 AD201.dwg LAYOUT NAME: AD201 PLOTTED: Thursday, January 08, 2026 - 1:51pm USER: krc

4 SOUTH ELEVATION - DEMOLITION

NOTE: ALL ITEMS ARE EXISTING UNLESS OTHERWISE DESIGNATED
SCALE: 3/32"=1'-0"

5 EAST ELEVATION - DEMOLITION

NOTE: ALL ITEMS ARE EXISTING UNLESS OTHERWISE DESIGNATED
SCALE: 3/32"=1'-0"

6 WEST ELEVATION - DEMOLITION

NOTE: ALL ITEMS ARE EXISTING UNLESS OTHERWISE DESIGNATED
SCALE: 3/32"=1'-0"

DEMOLITION NOTES

1	NOT USED ON THIS SHEET.	9	NOT USED ON THIS SHEET.
2	NOT USED ON THIS SHEET.	10	REMOVE PERIMETER METAL; TYPICAL ALL LOCATIONS.
3	NOT USED ON THIS SHEET.	11	NOT USED ON THIS SHEET.
4	NOT USED ON THIS SHEET.	12	NOT USED ON THIS SHEET.
5	NOT USED ON THIS SHEET.	13	NOT USED ON THIS SHEET.
6	NOT USED ON THIS SHEET.	14	CLEAR/RELOCATE SOIL TO ATTACHED NEW COLLAR; TWO LOCATIONS.
7	NOT USED ON THIS SHEET.	15	NOT USED ON THIS SHEET.
8	REMOVE EXISTING THROUGH WALL SCUPPER SLEEVE; TYPICAL.		

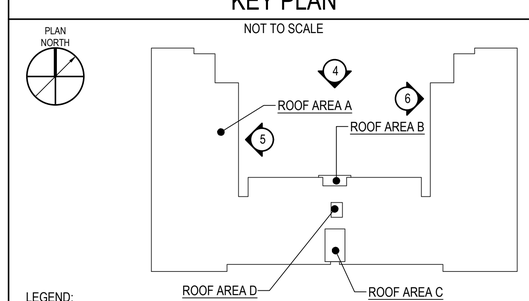
LEGEND

ALL ITEMS ARE EXISTING UNLESS OTHERWISE NOTED

- EXISTING EIFS
- EXISTING BRICK
- TYPICAL EXISTING WINDOW
- TYPICAL EXISTING DOOR
- TYPICAL EXISTING SCUPPER

KEY PLAN

NOT TO SCALE



LEGEND:
(#) ELEVATION INDICATOR

MARK	DESCRIPTION	DATE

NAVFAC

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DES	GALE	DRW	JEN	CHK	CM

PM/DM
BRANCH MANAGER
CHIEF ENG/ARCH
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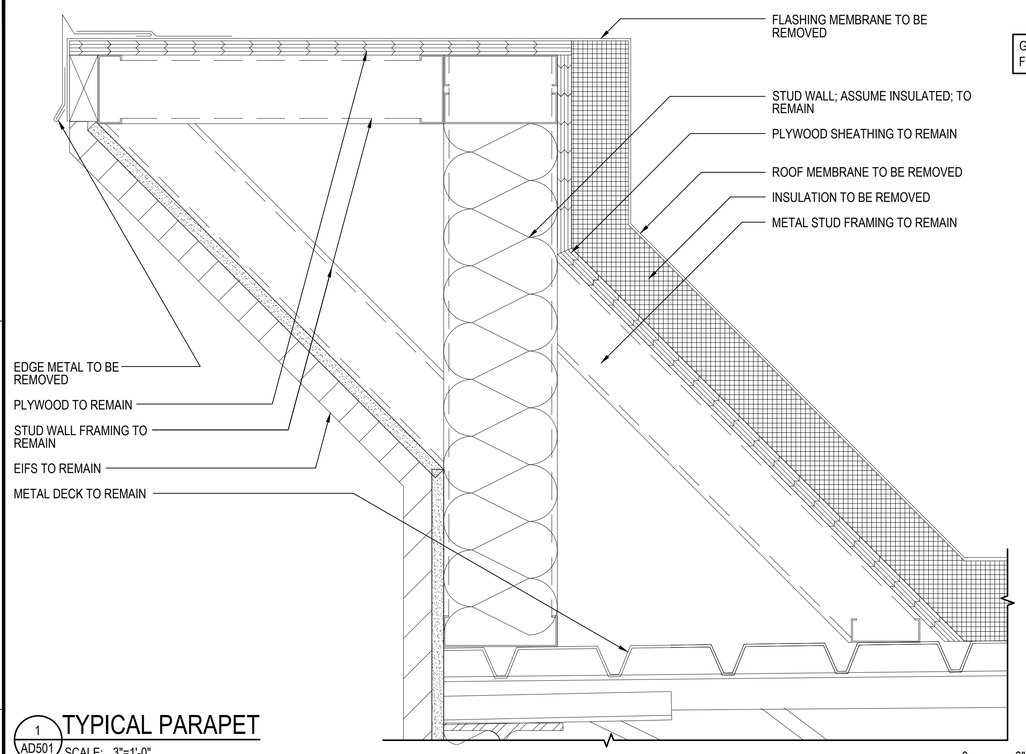
PUBLIC WORKS DEPARTMENT - MAINE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION NEWPORT - NEWPORT, RI
NAVAL STATION NEWPORT
NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
SOUTH, EAST, AND WEST ELEVATIONS - DEMOLITION

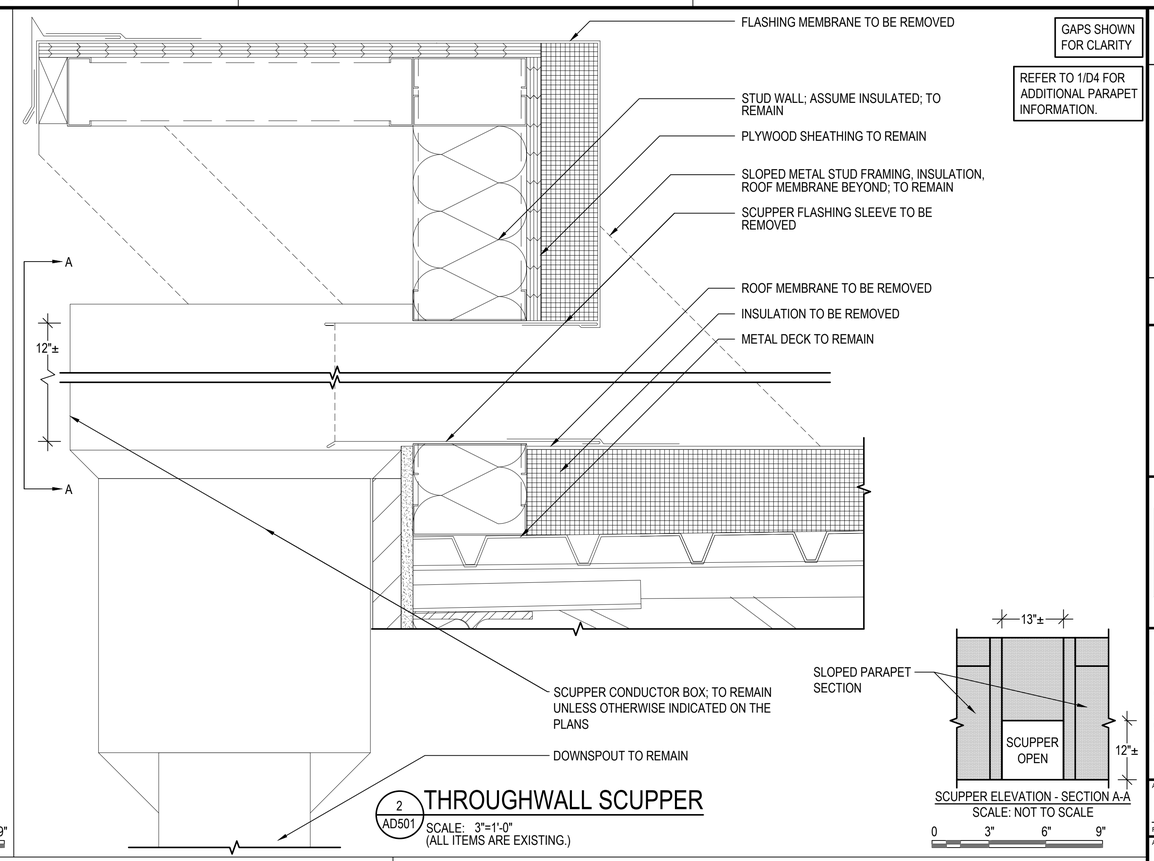
SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 7 OF 16
AD202

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03 As Builts\843810 AD202.dwg LAYOUT NAME: AD202 PLOTTED: Thursday, January 08, 2026 - 1:50pm USER: krc

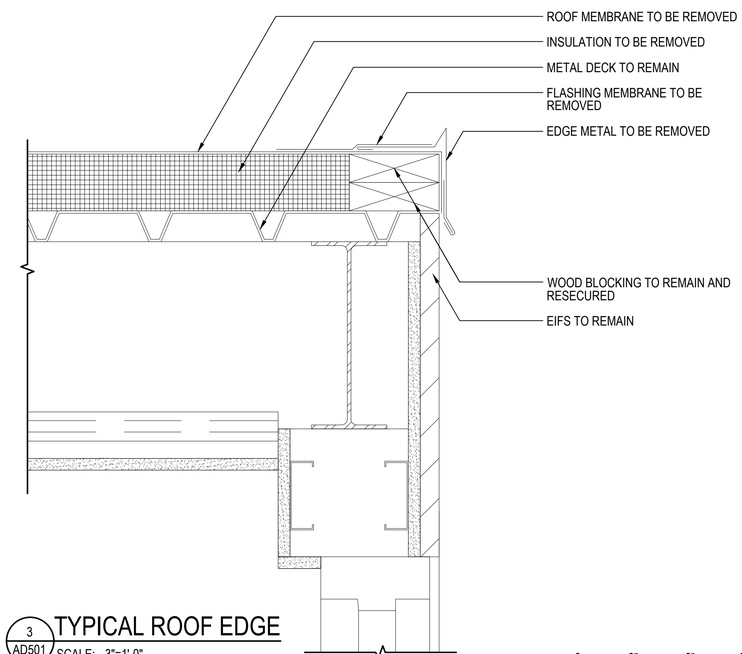


1 AD501 TYPICAL PARAPET
SCALE: 3"=1'-0"
(ALL ITEMS ARE EXISTING.)

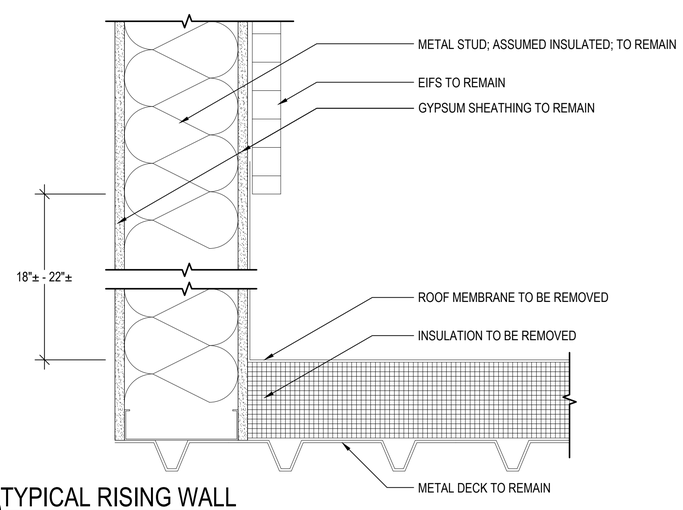


2 AD501 THROUGHWALL SCUPPER
SCALE: 3"=1'-0"
(ALL ITEMS ARE EXISTING.)

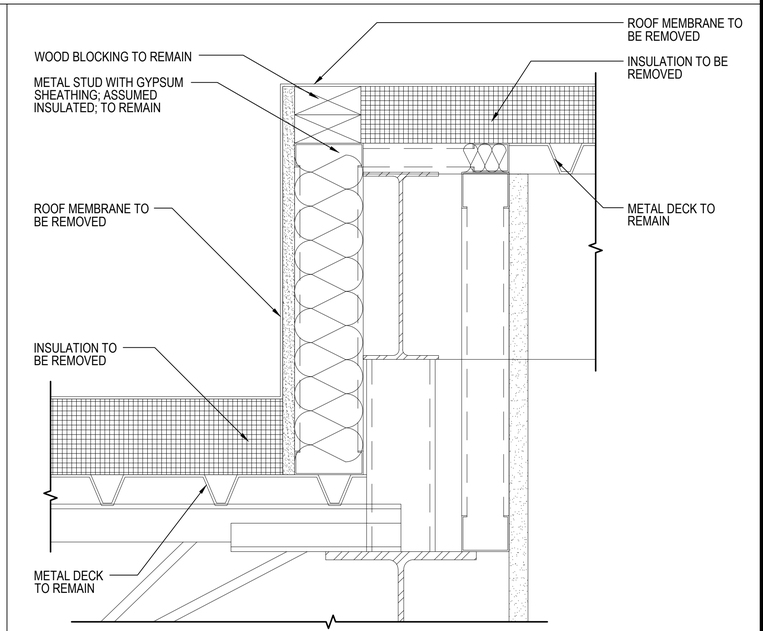
SCUPPER ELEVATION - SECTION A-A
SCALE: NOT TO SCALE



3 AD501 TYPICAL ROOF EDGE
SCALE: 3"=1'-0"
(ALL ITEMS ARE EXISTING.)



4 AD501 TYPICAL RISING WALL
SCALE: 3"=1'-0"
(ALL ITEMS ARE EXISTING.)



5 AD501 ROOF AREA A TO D TRANSITION
SCALE: 3"=1'-0"
(ALL ITEMS ARE EXISTING.)

MARK	DESCRIPTION	DATE

NAVFAC

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ACTIVITY
Approved by <<ACTIVITY_REP>>, <<ACTIVITY_REP_TITLE>>, with <<ACTIVITY>>, via Email.

SATISFACTORY TO DATE MM/DD/YYYY

DES	GALE	DRW	JEN	CHK	CM

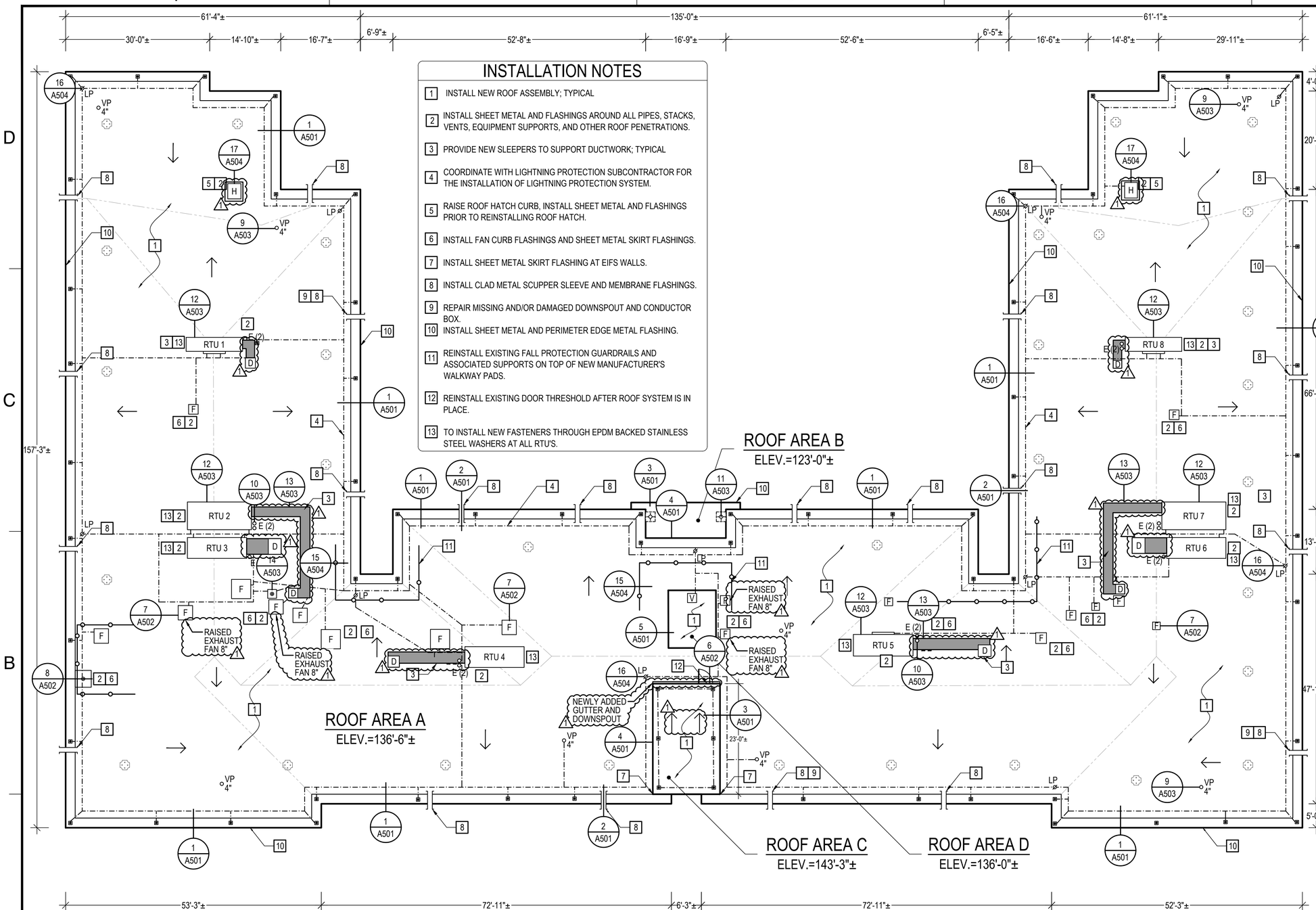
PM/DM
BRANCH MANAGER
CHIEF ENG/ARCH
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
PUBLIC WORKS DEPARTMENT - MAINE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION NEWPORT - NEWPORT, RI
NAVAL STATION NEWPORT
NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
DETAILS - DEMOLITION

SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 8 OF 16
AD501

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03 As Builts\843810 AD501.dwg LAYOUT NAME: AD501 PLOTTED: Thursday, January 08, 2026 – 1:48pm USER: krc



INSTALLATION NOTES

1. INSTALL NEW ROOF ASSEMBLY; TYPICAL
2. INSTALL SHEET METAL AND FLASHINGS AROUND ALL PIPES, STACKS, VENTS, EQUIPMENT SUPPORTS, AND OTHER ROOF PENETRATIONS.
3. PROVIDE NEW SLEEPERS TO SUPPORT DUCTWORK; TYPICAL
4. COORDINATE WITH LIGHTNING PROTECTION SUBCONTRACTOR FOR THE INSTALLATION OF LIGHTNING PROTECTION SYSTEM.
5. RAISE ROOF HATCH CURB, INSTALL SHEET METAL AND FLASHINGS PRIOR TO REINSTALLING ROOF HATCH.
6. INSTALL FAN CURB FLASHINGS AND SHEET METAL SKIRT FLASHINGS.
7. INSTALL SHEET METAL SKIRT FLASHING AT EIFS WALLS.
8. INSTALL CLAD METAL SCUPPER SLEEVE AND MEMBRANE FLASHINGS.
9. REPAIR MISSING AND/OR DAMAGED DOWNSPOUT AND CONDUCTOR BOX.
10. INSTALL SHEET METAL AND PERIMETER EDGE METAL FLASHING.
11. REINSTALL EXISTING FALL PROTECTION GUARDRAILS AND ASSOCIATED SUPPORTS ON TOP OF NEW MANUFACTURER'S WALKWAY PADS.
12. REINSTALL EXISTING DOOR THRESHOLD AFTER ROOF SYSTEM IS IN PLACE.
13. TO INSTALL NEW FASTENERS THROUGH EPDM BACKED STAINLESS STEEL WASHERS AT ALL RTU'S.

DUCT SQUARE FOOTAGE IS APPROXIMATELY 1510 SQUARE FEET.

GENERAL NOTES

1. THE INFORMATION SHOWN ON THIS DRAWING HAS BEEN COMPILED FROM VARIOUS SOURCES, AND MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION.
2. FOR THE SAKE OF CLARITY, EACH INDIVIDUAL DETAIL ON THE ROOF PLAN HAS NOT BEEN INDICATED, DEMOLITION DETAILS HAVE BEEN INDICATED FOR TYPICAL COMPONENTS AT RANDOM LOCATIONS.
3. HATCH PATTERNS ARE FOR REPRESENTATION ONLY AND SHOULD NOT BE USED AS A MEANS FOR QUANTIFYING.
4. REFER TO GENERAL NOTES ON GI002.

LEGEND

ALL ITEMS ARE EXISTING UNLESS OTHERWISE NOTED

- ROOF EDGE
- PARAPET
- CRICKET
- THROUGH WALL SCUPPER
- BALLASTED GUARDRAIL
- LIGHTNING PROTECTION CABLE
- DUCTWORK ABOVE ROOF SURFACE
- RTU — ROOF TOP MECHANICAL UNIT
- H — ACCESS HATCH
- F — FAN
- D — DUCT
- V — VENT
- SLEEPER
- ROOF ACCESS DOOR
- VP # — VENT PIPE; # INDICATES DIAMETER
- ROOF DRAIN
- STACK
- LP — LIGHTNING PROTECTION PENETRATION
- E — ELECTRICAL PENETRATION
- GUARDRAIL BASE; REINSTALL
- TAPERED INSULATION SLOPE
- ELEV.=#'-#" — HEIGHT RELATIVE TO MAIN ENTRANCE WHICH IS ASSUMED TO BE 0'-0"

1 ROOF AREA PLAN - INSTALLATION

NOTE: ALL ITEMS ARE NEW UNLESS OTHERWISE DESIGNATED AS EXISTING
SCALE: 3/32"=1'-0"

MARK	DESCRIPTION	DATE
1	AS-BUILTS	01/08/2026

NAVFAC

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DES	GALE	DRW	JEN	CHK	CM

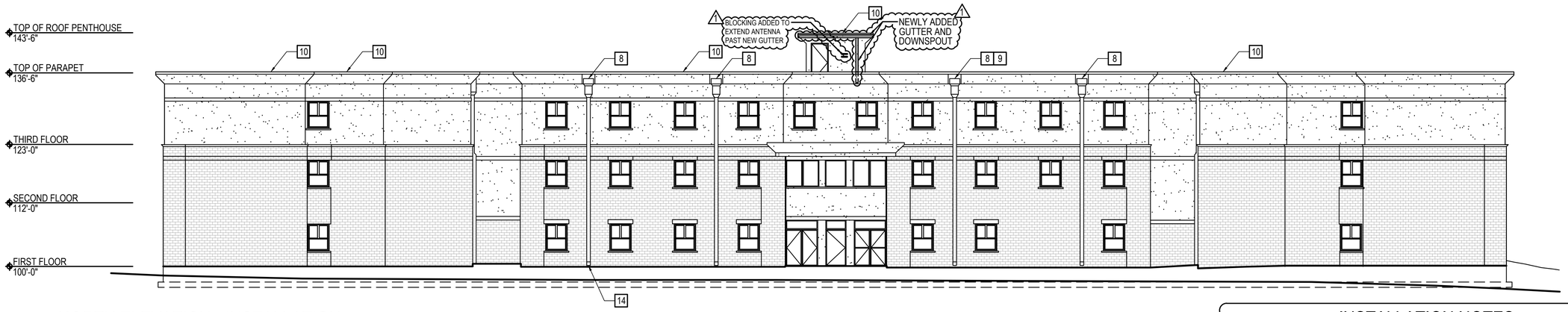
PM/DM
BRANCH MANAGER
CHIEF ENG/ARCH
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
PUBLIC WORKS DEPARTMENT - MAINE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION NEWPORT - NEWPORT, RI
NAVAL STATION NEWPORT
NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
ROOF AREA PLAN - INSTALLATION

SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 9 OF 16
A101

GALE JN: 843810
DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03 As Builts\843810 A101.dwg LAYOUT NAME: A101 PLOTTED: Thursday, January 08, 2026 - 1:56pm USER: kcc



1 NORTH ELEVATION - INSTALLATION

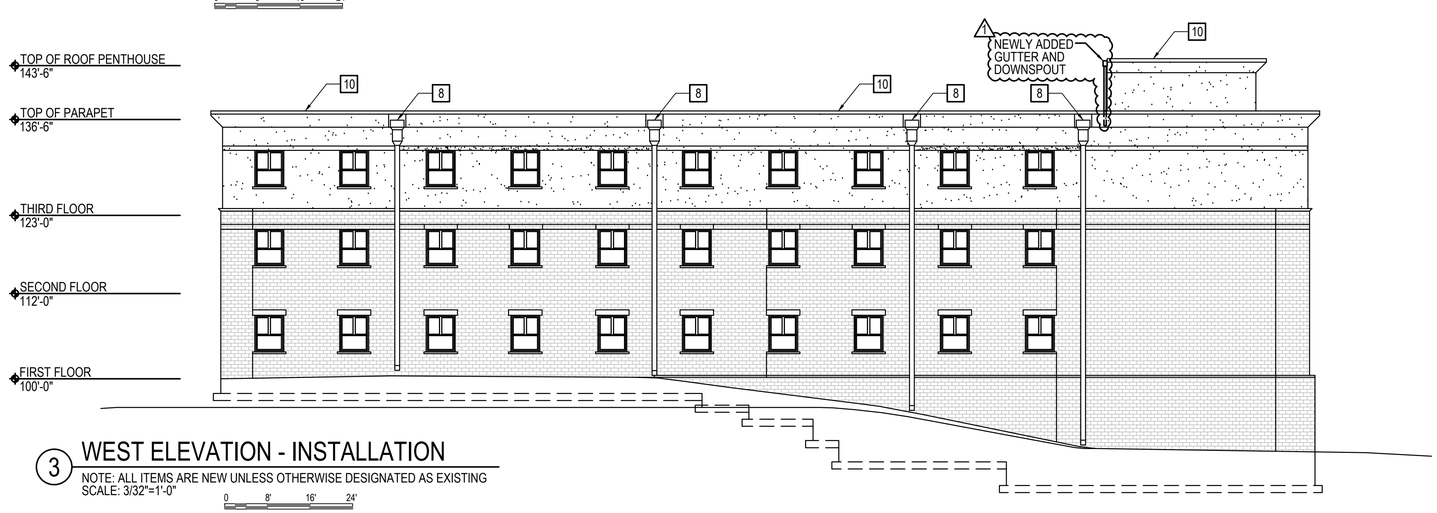
NOTE: ALL ITEMS ARE NEW UNLESS OTHERWISE DESIGNATED AS EXISTING
SCALE: 3/32"=1'-0"

0 8' 16' 24'

2 EAST ELEVATION - INSTALLATION

NOTE: ALL ITEMS ARE NEW UNLESS OTHERWISE DESIGNATED AS EXISTING
SCALE: 3/32"=1'-0"

0 8' 16' 24'



3 WEST ELEVATION - INSTALLATION

NOTE: ALL ITEMS ARE NEW UNLESS OTHERWISE DESIGNATED AS EXISTING
SCALE: 3/32"=1'-0"

0 8' 16' 24'

INSTALLATION NOTES

1. NOT USED ON THIS SHEET.
2. NOT USED ON THIS SHEET.
3. NOT USED ON THIS SHEET.
4. NOT USED ON THIS SHEET.
5. NOT USED ON THIS SHEET.
6. NOT USED ON THIS SHEET.
7. NOT USED ON THIS SHEET.
8. INSTALL CLAD METAL SCUPPER SLEEVE AND MEMBRANE FLASHINGS.
9. INSTALL CONDUCTOR BOX AND DOWNSPOUT. REPAIR ELEVEN (11) OUTLET SHOES; CONFIRM LOCATION IN FIELD.
10. INSTALL SHEET METAL AND PERIMETER EDGE METAL FLASHING.
11. NOT USED ON THIS SHEET.
12. NOT USED ON THIS SHEET.
13. NOT USED ON THIS SHEET.
14. CONNECT DOWNSPOUT WITH PVC SCHEDULE 40 TRANSITION ADAPTER AND ATTACHED TO 8"X8" EXISTING CORRUGATED FLEX TUBE; SECURE ADAPTER INTO GRAVEL; TWO (2) LOCATIONS.
15. PROVIDE NEW CONDUCTOR BOX AND DOWNSPOUT TO MATCH EXISTING.
16. NOT USED ON THIS SHEET.

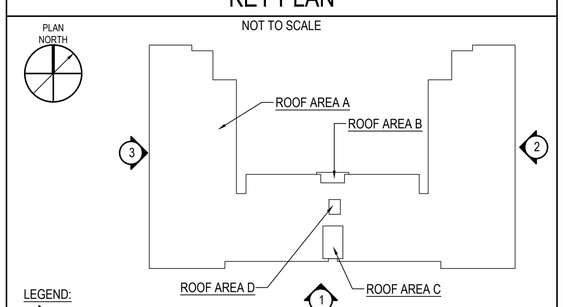
LEGEND

ALL ITEMS ARE EXISTING UNLESS OTHERWISE NOTED

- EXISTING EIFS
- EXISTING BRICK
- TYPICAL EXISTING WINDOW
- TYPICAL EXISTING DOOR
- EXISTING SCUPPER

KEY PLAN

NOT TO SCALE



LEGEND:
ELEVATION INDICATOR

MARK	DESCRIPTION	DATE
1	AS-BUILTS	01/08/2026

NAVFAC

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BRANCH MANAGER
CHIEF ENG/ARCH
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
PUBLIC WORKS DEPARTMENT - MAINE
NAVAL STATION NEWPORT - NEWPORT, RI
NAVAL STATION NEWPORT NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
NORTH, EAST, AND WEST ELEVATIONS - INSTALLATION

SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 10 OF 16
A201

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03 As Builts\843810 A201.dwg LAYOUT NAME: A201 PLOTTED: Thursday, January 08, 2026 – 1:55pm USER: krc

4 SOUTH ELEVATION - INSTALLATION

NOTE: ALL ITEMS ARE NEW UNLESS OTHERWISE DESIGNATED AS EXISTING
SCALE: 3/32"=1'-0"

5 EAST ELEVATION - INSTALLATION

NOTE: ALL ITEMS ARE NEW UNLESS OTHERWISE DESIGNATED AS EXISTING
SCALE: 3/32"=1'-0"

6 WEST ELEVATION - INSTALLATION

NOTE: ALL ITEMS ARE NEW UNLESS OTHERWISE DESIGNATED AS EXISTING
SCALE: 3/32"=1'-0"

INSTALLATION NOTES

1. NOT USED ON THIS SHEET.
2. NOT USED ON THIS SHEET.
3. NOT USED ON THIS SHEET.
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5. NOT USED ON THIS SHEET.
6. NOT USED ON THIS SHEET.
7. NOT USED ON THIS SHEET.
8. INSTALL CLAD METAL SCUPPER SLEEVE AND MEMBRANE FLASHINGS.
9. NOT USED ON THIS SHEET
10. INSTALL SHEET METAL AND PERIMETER EDGE METAL FLASHING.
11. NOT USED ON THIS SHEET.
12. NOT USED ON THIS SHEET.
13. NOT USED ON THIS SHEET.
14. CONNECT DOWNSPOUT WITH PVC SCHEDULE 40 TRANSITION ADAPTER AND ATTACHED TO 8"X8" EXISTING CORRUGATED FLEX TUBE; SECURE ADAPTER INTO GRAVEL; TWO (2) LOCATIONS.
15. NOT USED ON THIS SHEET.
16. PROVIDE NEW 8"X8" DOWNSPOUT TO MATCH EXISTING MISSING UNIT; CORNER TO MATCH EXISTING

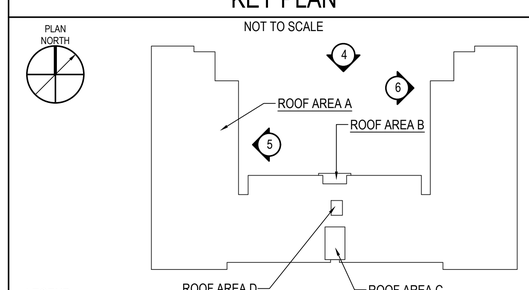
LEGEND

ALL ITEMS ARE EXISTING UNLESS OTHERWISE NOTED

- EXISTING EIFS
- EXISTING BRICK
- TYPICAL EXISTING WINDOW
- TYPICAL EXISTING DOOR
- EXISTING SCUPPER

KEY PLAN

NOT TO SCALE



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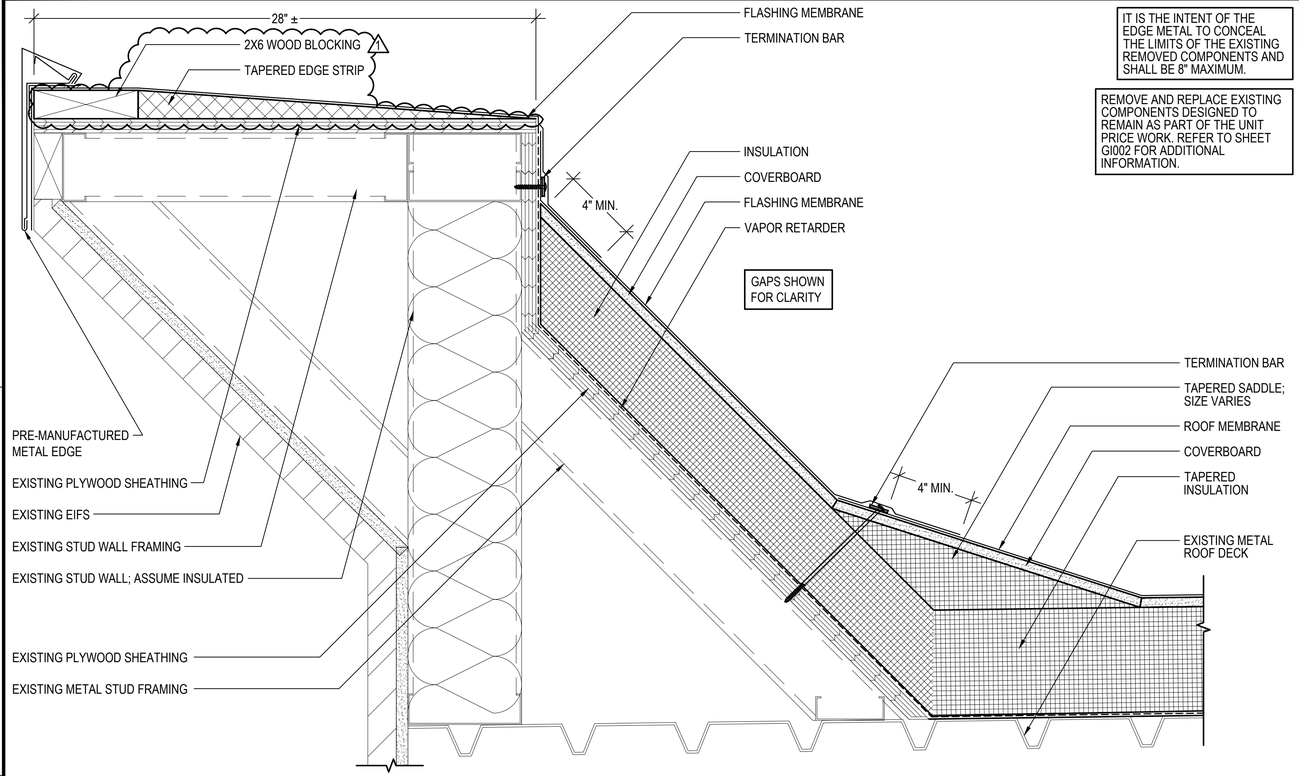
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
SOUTH, EAST, AND WEST ELEVATIONS - INSTALLATION

SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 11 OF 16
A202

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03 As Builts\843810 A202.dwg LAYOUT NAME: A202 PLOTTED: Thursday, January 08, 2026 - 1:54pm USER: krc

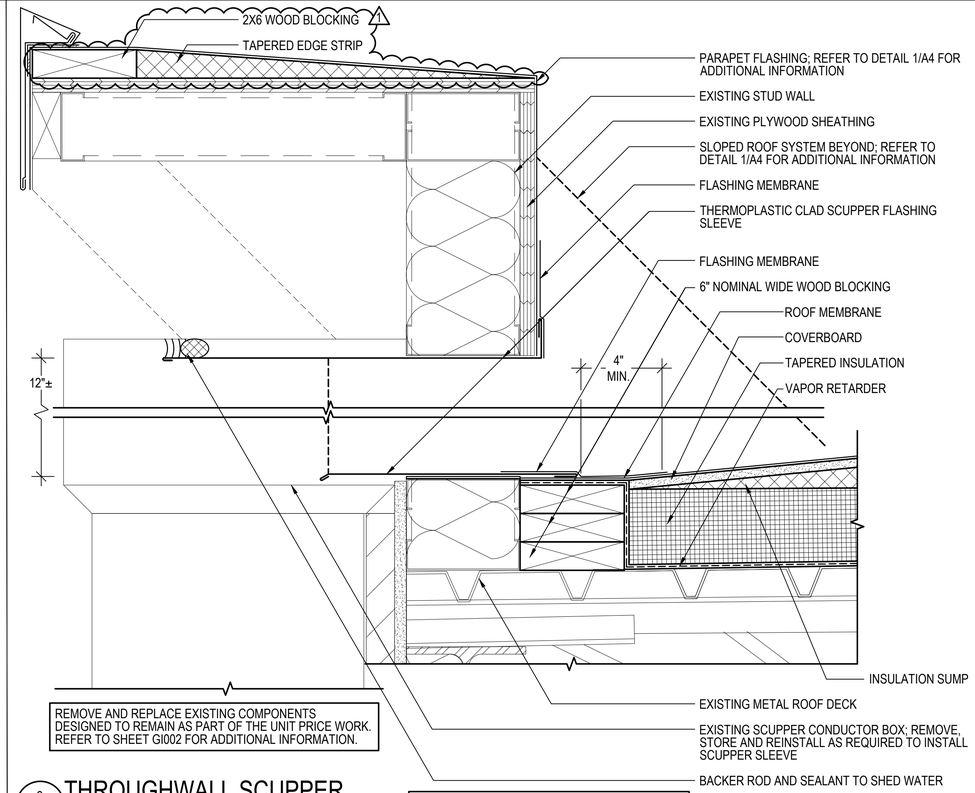


IT IS THE INTENT OF THE EDGE METAL TO CONCEAL THE LIMITS OF THE EXISTING REMOVED COMPONENTS AND SHALL BE 8" MAXIMUM.

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

1 A501 TYPICAL PARAPET

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

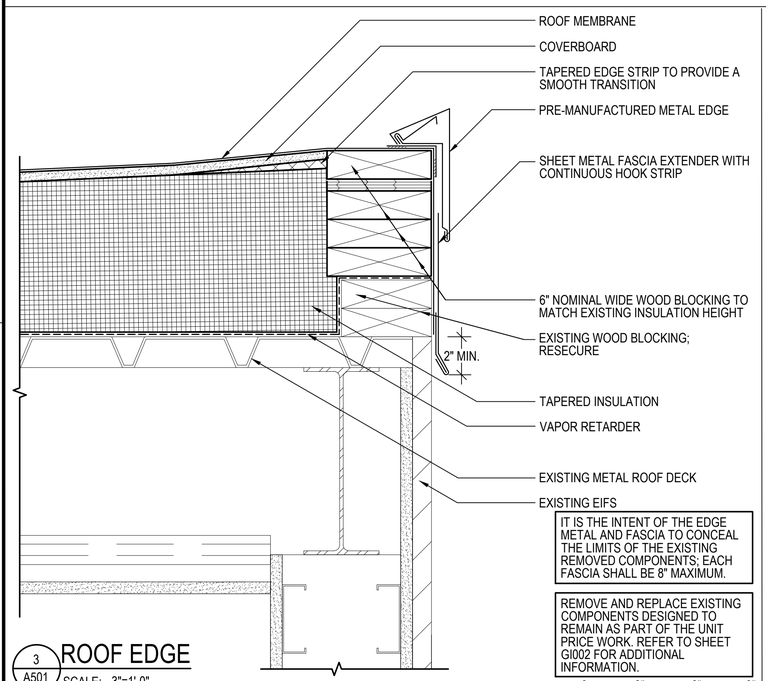


REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

IT IS THE INTENT OF THE EDGE METAL TO CONCEAL THE LIMITS OF THE EXISTING REMOVED COMPONENTS AND SHALL BE 8" MAXIMUM.

2 A501 THROUGHWALL SCUPPER

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

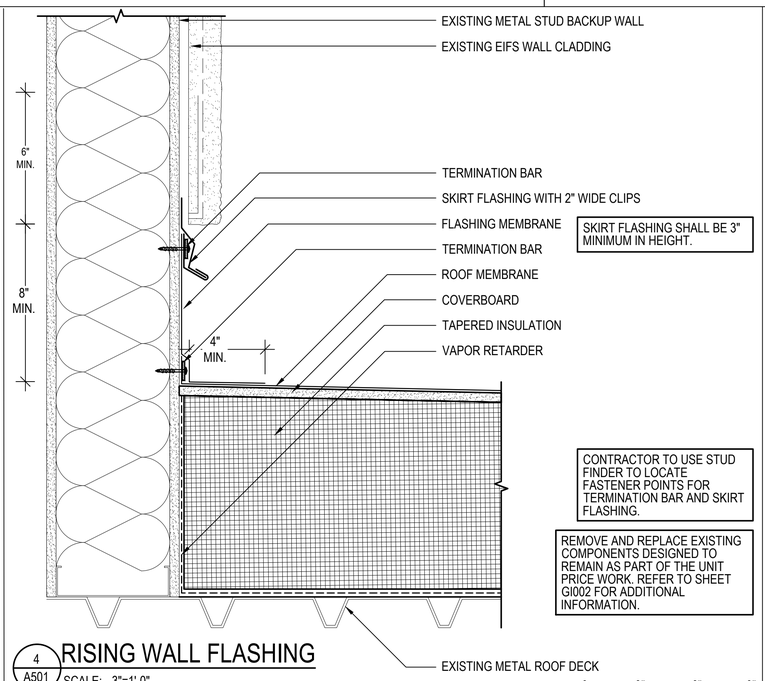


IT IS THE INTENT OF THE EDGE METAL AND FASCIA TO CONCEAL THE LIMITS OF THE EXISTING REMOVED COMPONENTS; EACH FASCIA SHALL BE 8" MAXIMUM.

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

3 A501 ROOF EDGE

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)



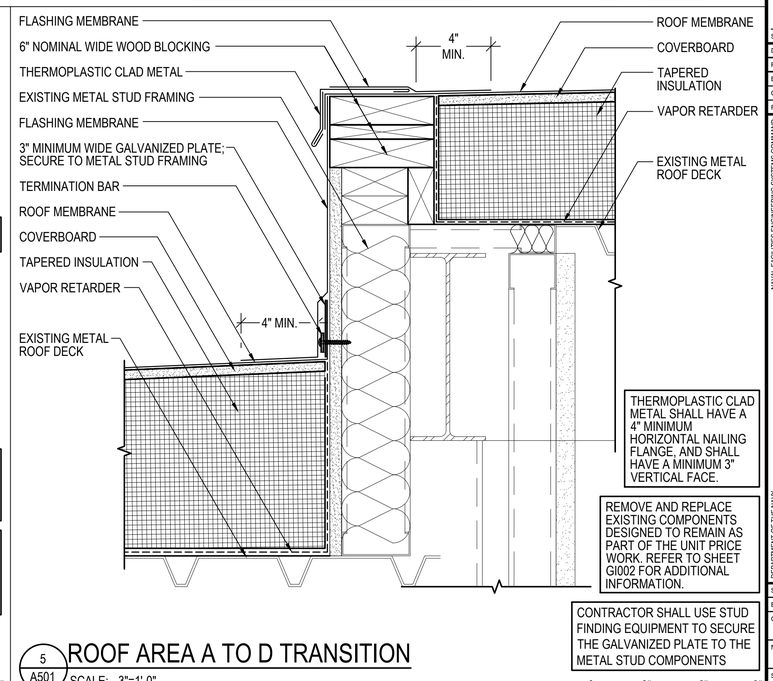
SKIRT FLASHING SHALL BE 3" MINIMUM IN HEIGHT.

CONTRACTOR TO USE STUD FINDER TO LOCATE FASTENER POINTS FOR TERMINATION BAR AND SKIRT FLASHING.

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

4 A501 RISING WALL FLASHING

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)



THERMOPLASTIC CLAD METAL SHALL HAVE A 4" MINIMUM HORIZONTAL NAILING FLANGE, AND SHALL HAVE A MINIMUM 3" VERTICAL FACE.

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

CONTRACTOR SHALL USE STUD FINDING EQUIPMENT TO SECURE THE GALVANIZED PLATE TO THE METAL STUD COMPONENTS

5 A501 ROOF AREA A TO D TRANSITION

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

MARK	DESCRIPTION	DATE
1	AS-BUILTS	01/08/2026

NAVFAC

AS BUILT
AS BUILT CONDITONS HAVE BEEN PRESENTED AND REVIEWED BY EEI OF SPRINGFIELD, MA
413-788-2988

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Boston Baltimore Orlando Hartford Manchester

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY
Approved by <<ACTIVITY_REP>>, <<ACTIVITY_REP_TITLE>>, with <<ACTIVITY>>, via Email.

SATISFACTORY TO DATE MM/DD/YYYY

DES	GALE	DRW	JEN	CHK	CM

PM/DM
BRANCH MANAGER
CHIEF ENG/ARCH
FIRE PROTECTION

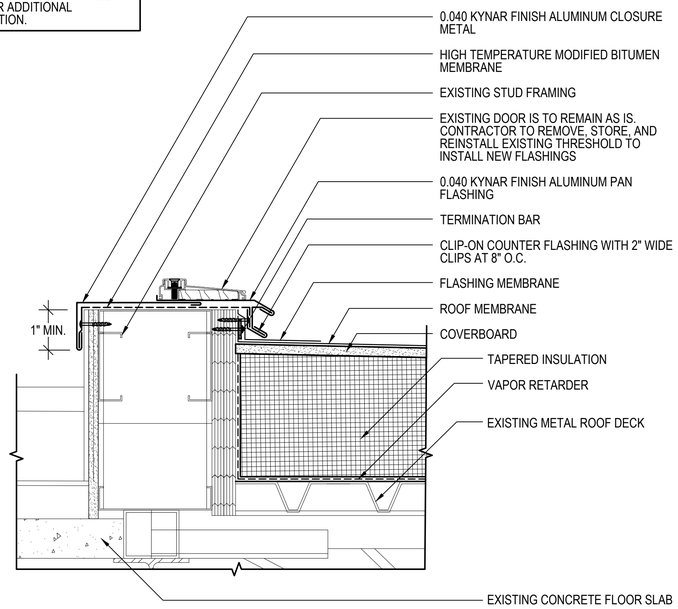
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
PUBLIC WORKS DEPARTMENT - MAINE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION NEWPORT - NEWPORT, RI
NAVAL STATION NEWPORT
NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
DETAILS - NEW INSTALLATION

SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 12 OF 16
A501

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03 As Builts\843810 A501.dwg LAYOUT NAME: A501 PLOTTED: Thursday, January 08, 2026 – 2:21pm USER: krc

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.



6 A502 DOOR THRESHOLD

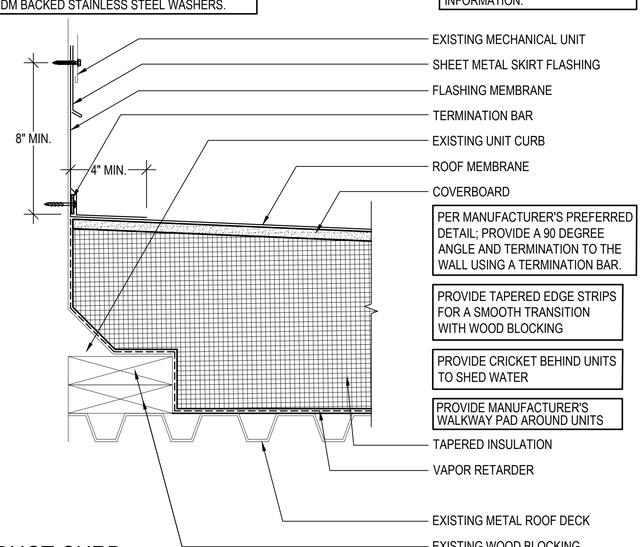
SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

0 3" 6" 9"

1. FOR ADDITIONAL INFORMATION, REFER TO APPROPRIATE ROOF EDGE DETAIL.
2. COORDINATE THE INSTALLATION OF THE VAPOR RETARDER WITH THE APPROPRIATE ROOF EDGE DETAIL.
3. ALL DISCONNECTS/RECONNECTS SHALL BE PERFORMED BY LICENSED TRADES PERSONS.
4. TEMPORARILY DISCONNECT AND EXTEND ALL ELECTRICAL AND CONDENSER LINES AT AIR CONDITIONING UNITS AS REQUIRED TO RAISE THE UNITS TO ACCOMMODATE THE FINAL FINISHED ROOF HEIGHT.
5. RESECURE UNIT HOOD WITH STAINLESS STEEL FASTENERS THROUGH EPDM BACKED STAINLESS STEEL WASHERS.

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.



7 A502 FAN/DUCT CURB

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

0 3" 6" 9"

PROVIDE TAPERED EDGE STRIP AS REQUIRED TO PROVIDE A SMOOTH TRANSITION

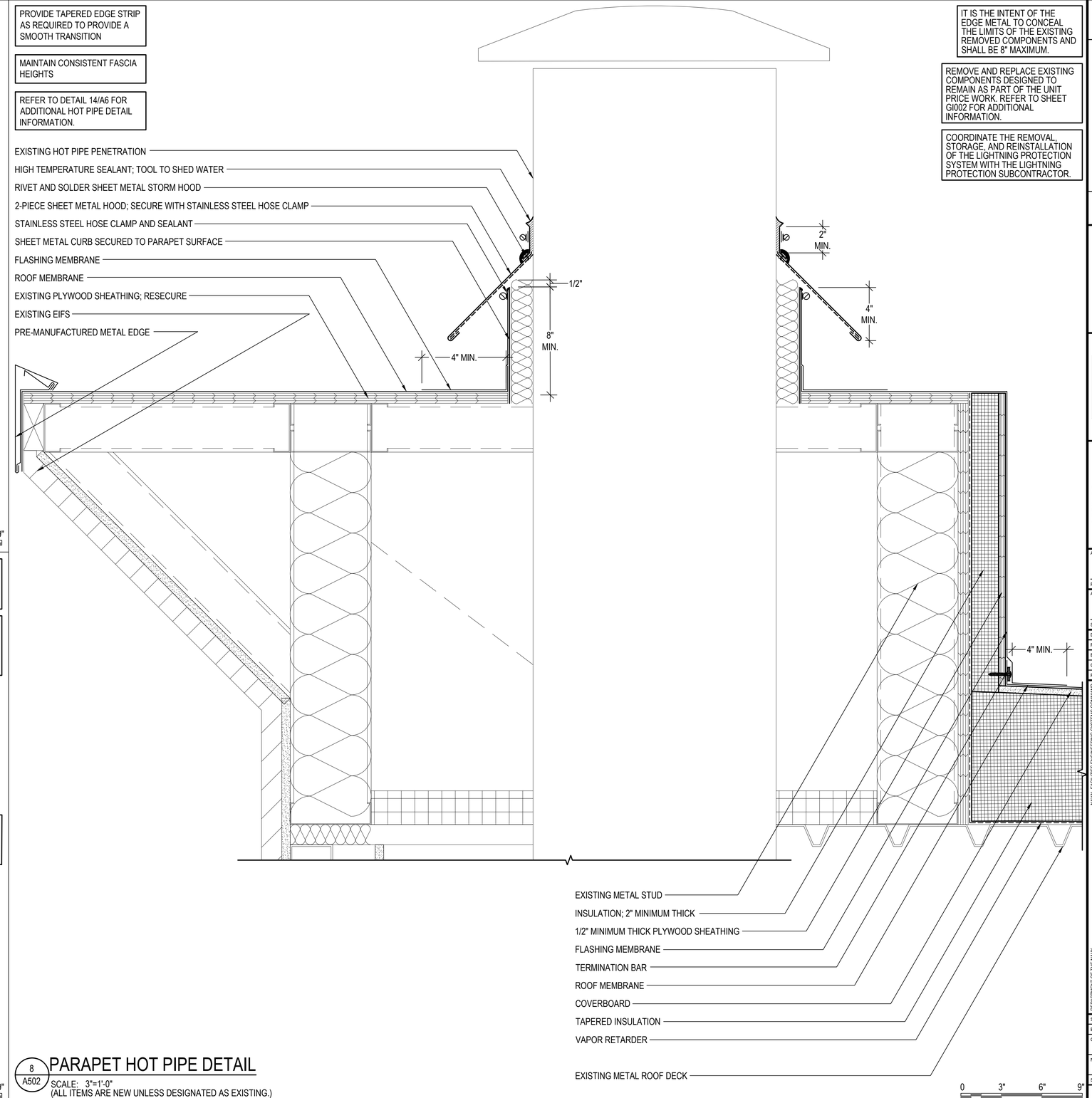
MAINTAIN CONSISTENT FASCIA HEIGHTS

REFER TO DETAIL 14/A6 FOR ADDITIONAL HOT PIPE DETAIL INFORMATION.

IT IS THE INTENT OF THE EDGE METAL TO CONCEAL THE LIMITS OF THE EXISTING REMOVED COMPONENTS AND SHALL BE 8" MAXIMUM.

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.



8 A502 PARAPET HOT PIPE DETAIL

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

0 3" 6" 9"

MARK	DESCRIPTION	DATE

NAVFAC

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CHIEF ENG/ARCH
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
PUBLIC WORKS DEPARTMENT - MAINE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION NEWPORT - NEWPORT, RI
NAVAL STATION NEWPORT
NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
DETAILS - NEW INSTALLATION

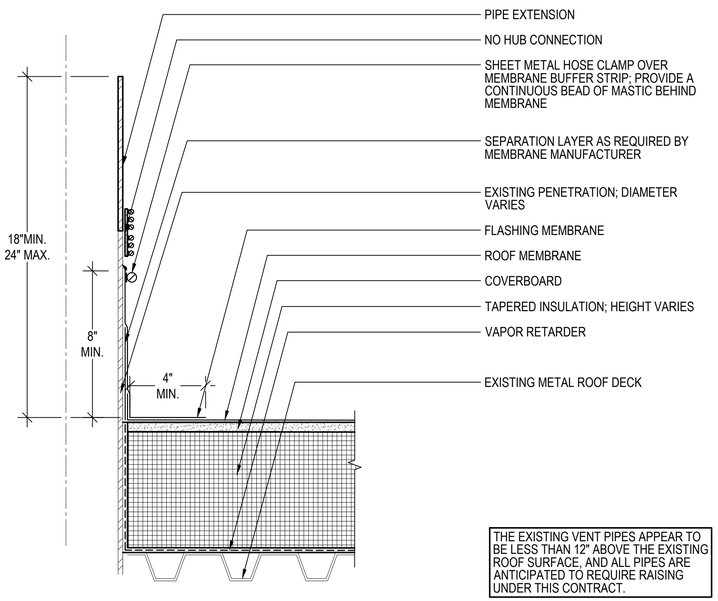
SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 13 OF 16
A502

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03 As Builts\843810 A502.dwg LAYOUT NAME: A502 PLOTTED: Thursday, January 08, 2026 - 2:03pm USER: kvc

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.



THE EXISTING VENT PIPES APPEAR TO BE LESS THAN 12" ABOVE THE EXISTING ROOF SURFACE, AND ALL PIPES ARE ANTICIPATED TO REQUIRE RAISING UNDER THIS CONTRACT.

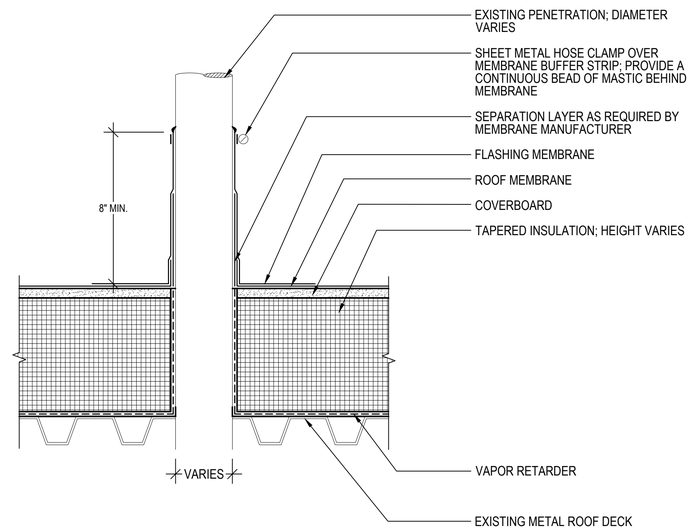
9 A503 VENT PIPE

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

0 3" 6" 9"

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

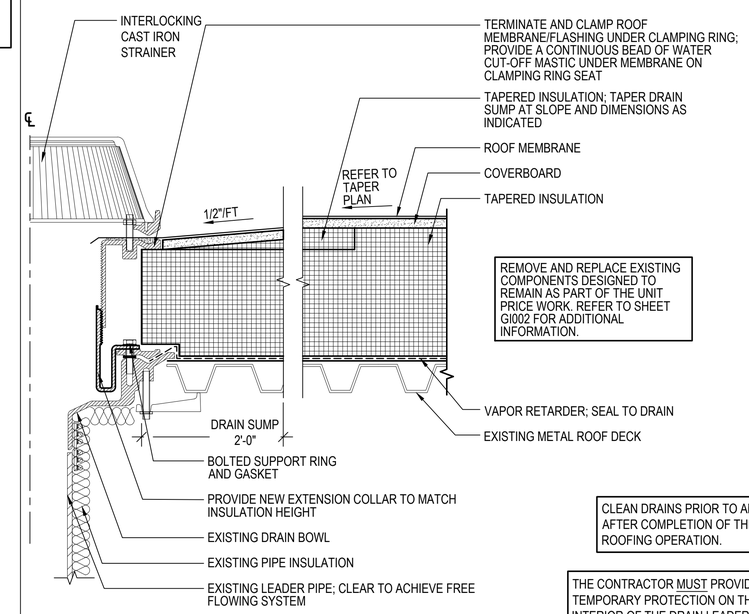


10 A503 PIPE WRAP

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

0 3" 6" 9"

CRICKETS ARE TO BE PROVIDED BETWEEN ALL DRAIN LOCATIONS UNLESS NOTED OTHERWISE



REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

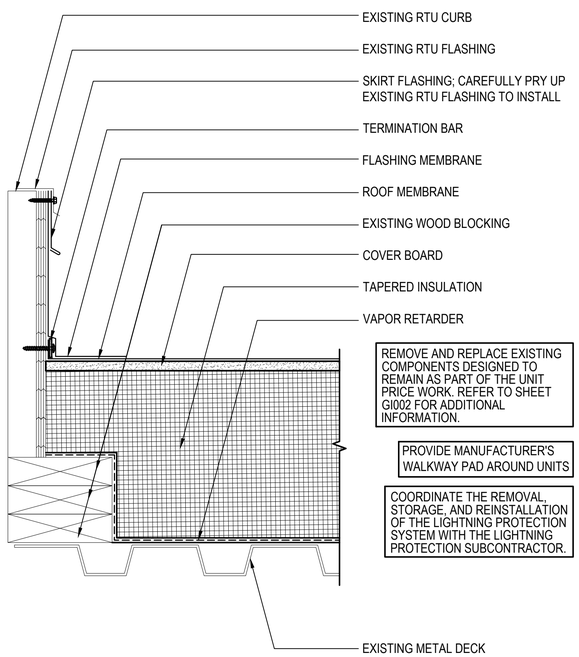
CLEAN DRAINS PRIOR TO AND AFTER COMPLETION OF THE ROOFING OPERATION.

THE CONTRACTOR MUST PROVIDE TEMPORARY PROTECTION ON THE INTERIOR OF THE DRAIN LEADER LINE TO PREVENT DUST MIGRATION INTO THE BUILDING. CONTRACTOR TO COORDINATE INTERIOR ACCESS WITH THE OWNER

11 A503 ROOF DRAIN

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

0 3" 6" 9"



REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

PROVIDE MANUFACTURER'S WALKWAY PAD AROUND UNITS

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

12 A503 ROOF TOP UNIT

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

0 3" 6" 9"

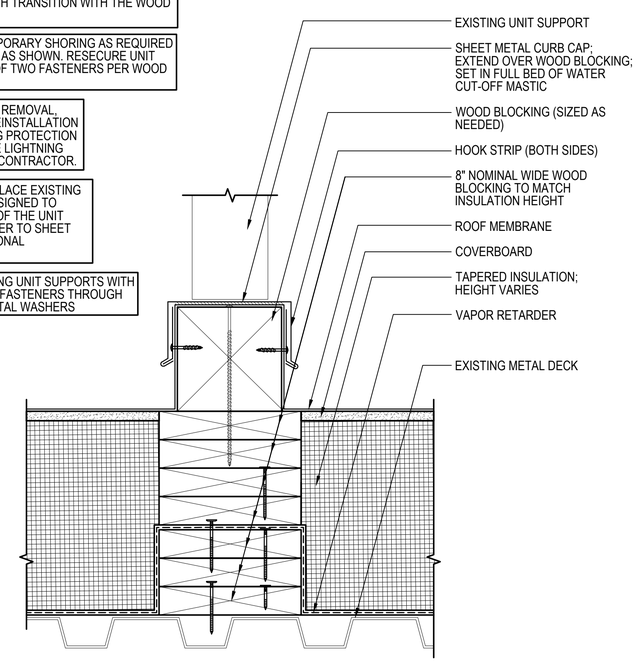
PROVIDE TAPERED EDGE STRIPS AS REQUIRED TO PROVIDE A SMOOTH TRANSITION WITH THE WOOD BLOCKING.

PROVIDE ALL TEMPORARY SHORING AS REQUIRED TO INSTALL WORK AS SHOWN. RESECURE UNIT WITH A MINIMUM OF TWO FASTENERS PER WOOD SLEEPER.

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

RESECURE EXISTING UNIT SUPPORTS WITH STAINLESS STEEL FASTENERS THROUGH EPDM BACKED METAL WASHERS

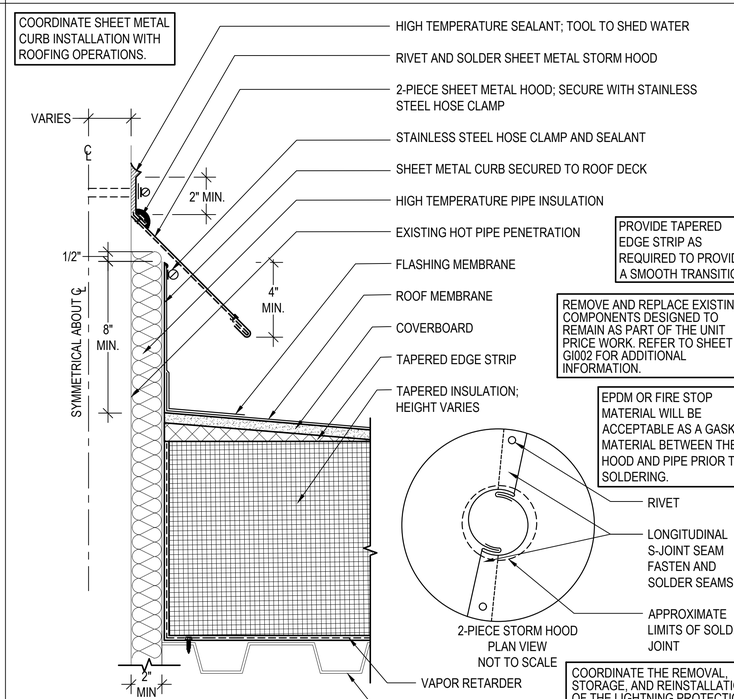


13 A503 CONCEALED SLEEPER

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

0 3" 6" 9"

COORDINATE SHEET METAL CURB INSTALLATION WITH ROOFING OPERATIONS.



PROVIDE TAPERED EDGE STRIP AS REQUIRED TO PROVIDE A SMOOTH TRANSITION.

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

EPDM OR FIRE STOP MATERIAL WILL BE ACCEPTABLE AS A GASKET MATERIAL BETWEEN THE HOOD AND PIPE PRIOR TO SOLDERING.

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

14 A503 HOT PIPE PENETRATION

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

0 3" 6" 9"

MARK	DESCRIPTION	DATE

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413-788-2688

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A/E INFO

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ACTIVITY
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PM/DM
BRANCH MANAGER
CHIEF ENG/ARCH
FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
PUBLIC WORKS DEPARTMENT - MAINE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
NAVAL STATION NEWPORT - NEWPORT, RI
NAVAL STATION NEWPORT
NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
DETAILS - NEW INSTALLATION

SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 14 OF 16
A503

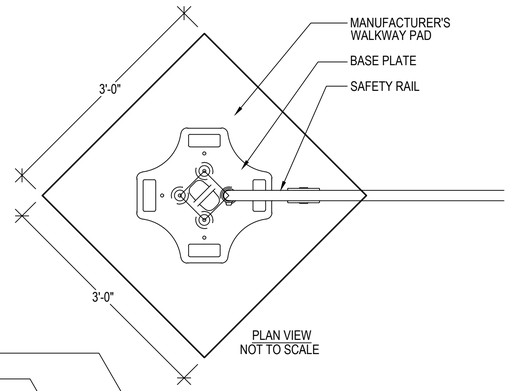
GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

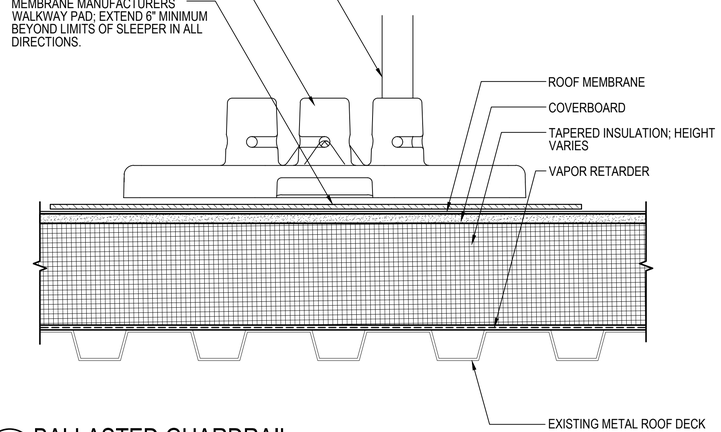
FILE NAME: H:\843810\03 As Builts\843810 A503.dwg LAYOUT NAME: A503 PLOTTED: Thursday, January 08, 2026 – 2:02pm USER: krc

INSTALL NEW MANUFACTURER'S WALKWAY PADS OR APPROVED SLIP SHEET UNDER EXISTING AND NEW GUARDRAILS.

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

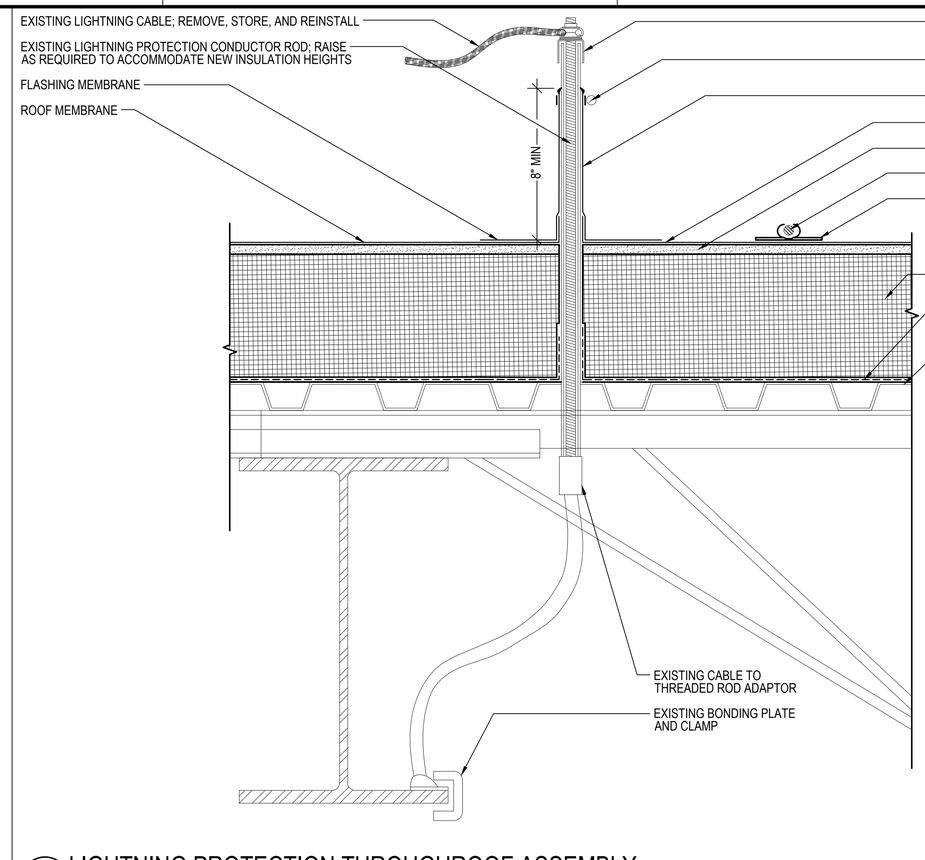




15 A504 BALLASTED GUARDRAIL

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

0 3" 6" 9"



COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

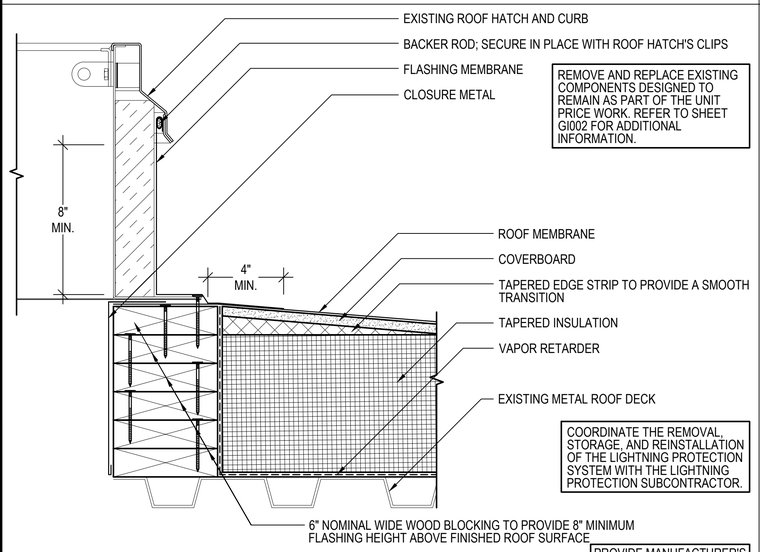
REFER TO THE LIGHTNING PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.

REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

16 A504 LIGHTNING PROTECTION THROUGHROOF ASSEMBLY

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

0 3" 6" 9"



REMOVE AND REPLACE EXISTING COMPONENTS DESIGNED TO REMAIN AS PART OF THE UNIT PRICE WORK. REFER TO SHEET GI002 FOR ADDITIONAL INFORMATION.

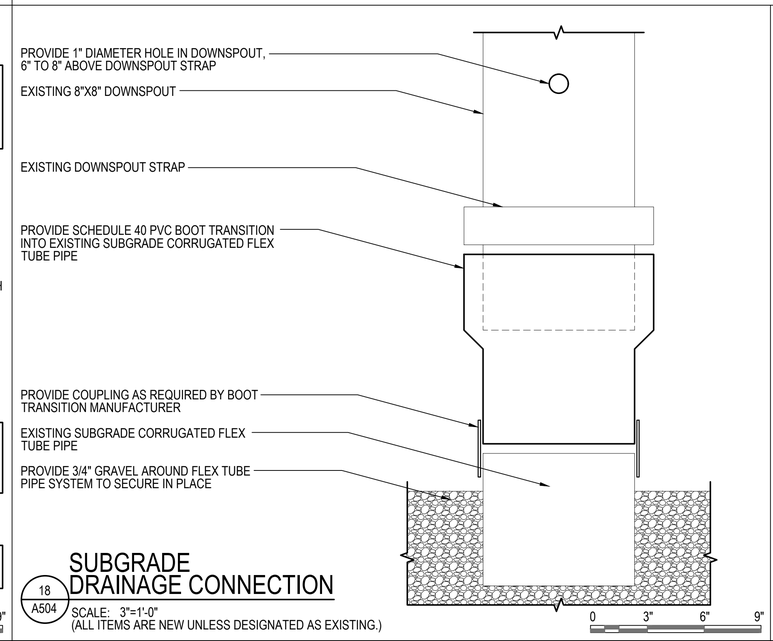
COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

PROVIDE MANUFACTURER'S WALKWAY PAD AROUND HATCHES

17 A504 ROOF ACCESS HATCH

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

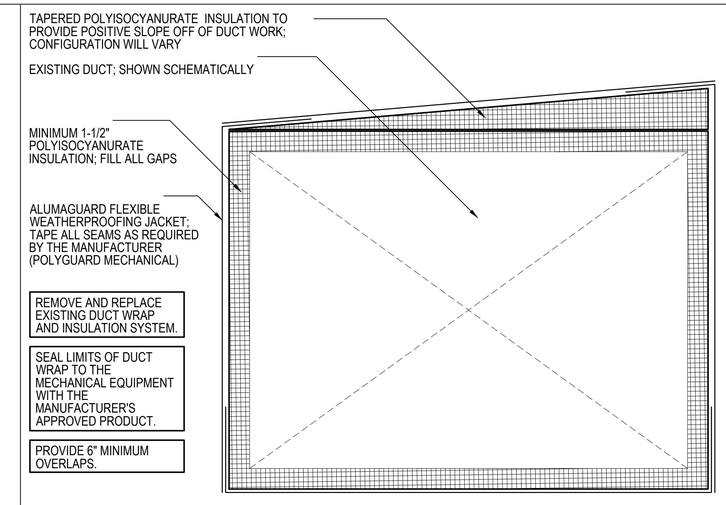
0 3" 6" 9"



18 A504 SUBGRADE DRAINAGE CONNECTION

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

0 3" 6" 9"



REMOVE AND REPLACE EXISTING DUCT WRAP AND INSULATION SYSTEM.

SEAL LIMITS OF DUCT WRAP TO THE MECHANICAL EQUIPMENT WITH THE MANUFACTURER'S APPROVED PRODUCT.

PROVIDE 6" MINIMUM OVERLAPS.

19 A504 DUCT INSULATION

SCALE: NOT TO SCALE
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

MARK	DESCRIPTION	DATE

NAVFAC

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SATISFACTORY TO DATE MM/DD/YYYY

DES	GALE	DRW	JEN	CHK	CM

PM/DM

BRANCH MANAGER

CHIEF ENG/ARCH

FIRE PROTECTION

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
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ROOF REPLACEMENT
DETAILS - NEW INSTALLATION

SCALE: AS NOTED
EPROJECT NO.: 1802331
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NAVFAC DRAWING NO.
SHEET 15 OF 16
A504

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

FILE NAME: H:\843810\03 As Builts\843810 A504.dwg LAYOUT NAME: A504 PLOTTED: Thursday, January 08, 2026 – 2:01pm USER: krc

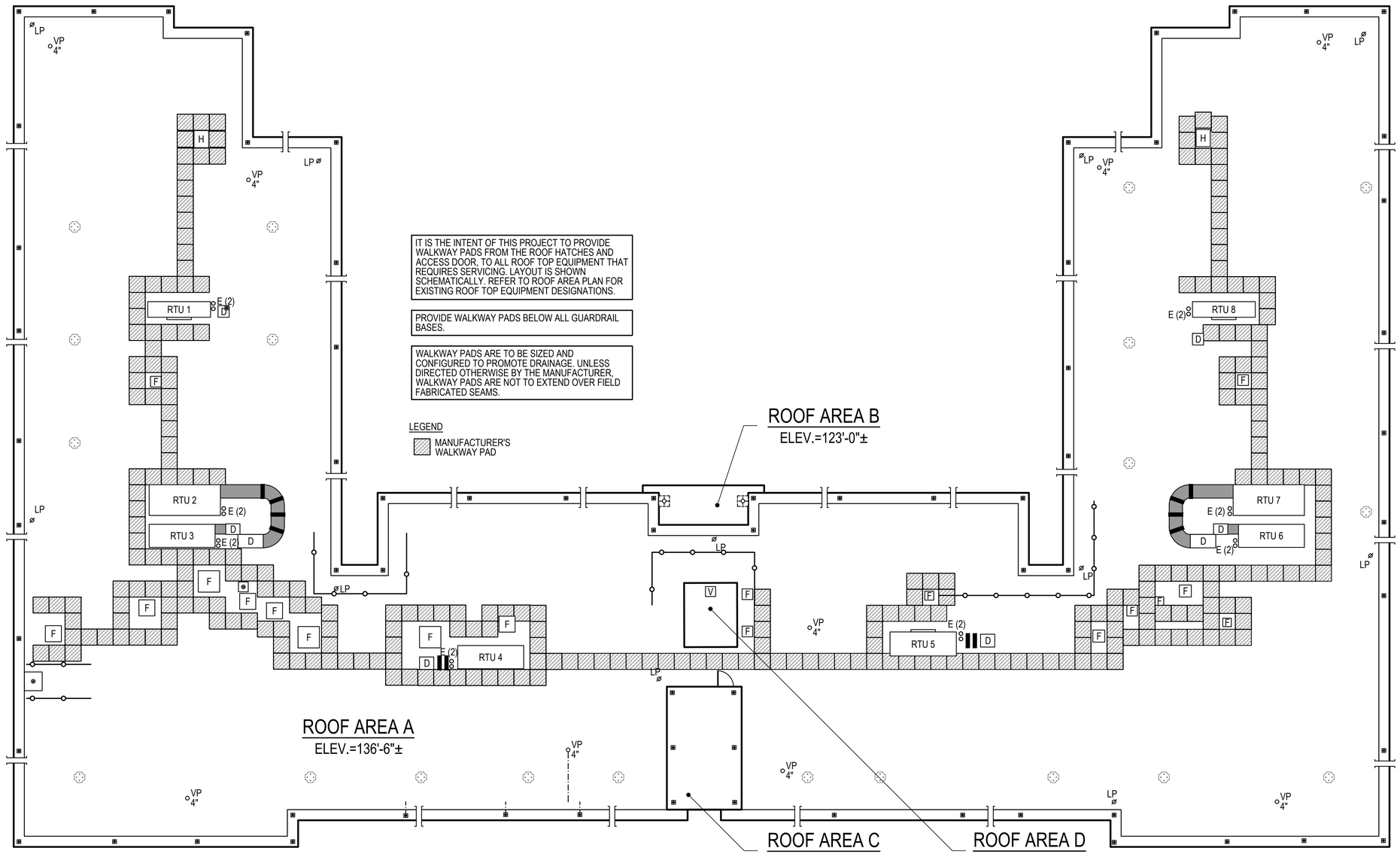
IT IS THE INTENT OF THIS PROJECT TO PROVIDE WALKWAY PADS FROM THE ROOF HATCHES AND ACCESS DOOR, TO ALL ROOF TOP EQUIPMENT THAT REQUIRES SERVICING. LAYOUT IS SHOWN SCHEMATICALLY. REFER TO ROOF AREA PLAN FOR EXISTING ROOF TOP EQUIPMENT DESIGNATIONS.

PROVIDE WALKWAY PADS BELOW ALL GUARDRAIL BASES.

WALKWAY PADS ARE TO BE SIZED AND CONFIGURED TO PROMOTE DRAINAGE. UNLESS DIRECTED OTHERWISE BY THE MANUFACTURER, WALKWAY PADS ARE NOT TO EXTEND OVER FIELD FABRICATED SEAMS.

LEGEND

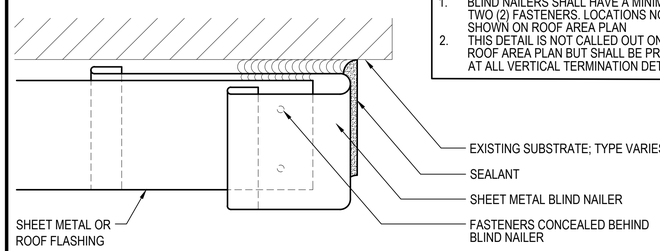
MANUFACTURER'S WALKWAY PAD

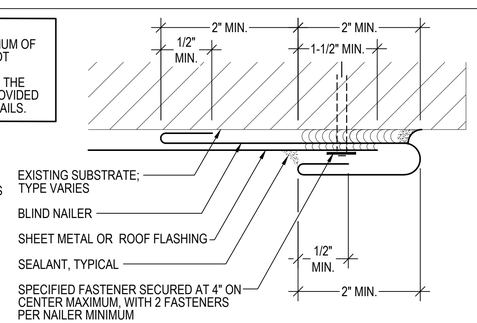


20 A505 WALKWAY PAD LAYOUT

SCALE: NOT TO SCALE
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

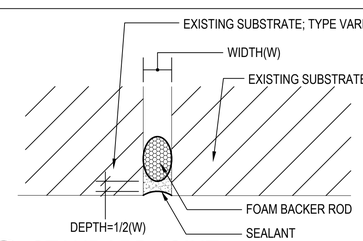
NOTES:
1. BLIND NAILERS SHALL HAVE A MINIMUM OF TWO (2) FASTENERS. LOCATIONS NOT SHOWN ON ROOF AREA PLAN
2. THIS DETAIL IS NOT CALLED OUT ON THE ROOF AREA PLAN BUT SHALL BE PROVIDED AT ALL VERTICAL TERMINATION DETAILS.





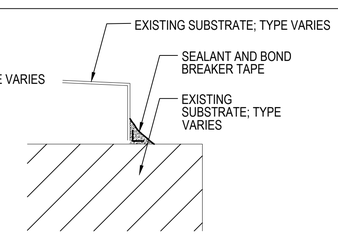
21 A505 BLIND NAILER

SCALE: NOT TO SCALE
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)



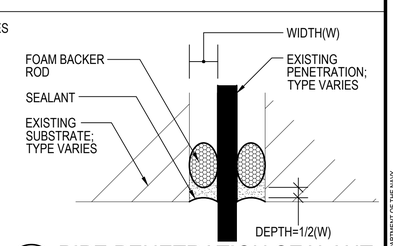
A STANDARD JOINT

SCALE: NOT TO SCALE
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)



B FILLET

SCALE: NOT TO SCALE
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)



C PIPE PENETRATION SEALANT

SCALE: NOT TO SCALE
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

THIS DETAIL IS NOT INDICATED ON THE PLANS BUT SHALL BE USED FOR ALL SEALANT JOINT LOCATIONS.

22 A505 TYPICAL SEALANT JOINTS

SCALE: NOT TO SCALE
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING.)

MARK	DESCRIPTION	DATE

NAVFAC

AS BUILT
AS BUILT CONDITONS HAVE BEEN PRESENTED AND REVIEWED BY EEI OF SPRINGFIELD, MA
413-788-2688

SEAL

GALE
Gale Associates, Inc.
Engineers and Planners
300 LEDGEWOOD PLACE, SUITE 300
ROCKLAND, MA 02370
T 781.335.6465 F 781.335.6467
www.gainc.com
Boston Baltimore Orlando Hartford Manchester

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY
Approved by <<ACTIVITY_REP>>, <<ACTIVITY_REP_TITLE>>, with <<ACTIVITY>>, via Email.

SATISFACTORY TO DATE MM/DD/YYYY

DES	GALE	DRW	JEN	CHK	CM

PM/DM

BRANCH MANAGER

CHIEF ENG/ARCH

FIRE PROTECTION

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION NEWPORT - NEWPORT, RI

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
PUBLIC WORKS DEPARTMENT - MAINE
NAVAL STATION NEWPORT
NEWPORT, RI

RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT

DETAILS - NEW INSTALLATION

SCALE: AS NOTED

EPROJECT NO.: 1802331

CONSTR. CONTR. NO.

NAVFAC DRAWING NO.

SHEET 16 OF 16

A505

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

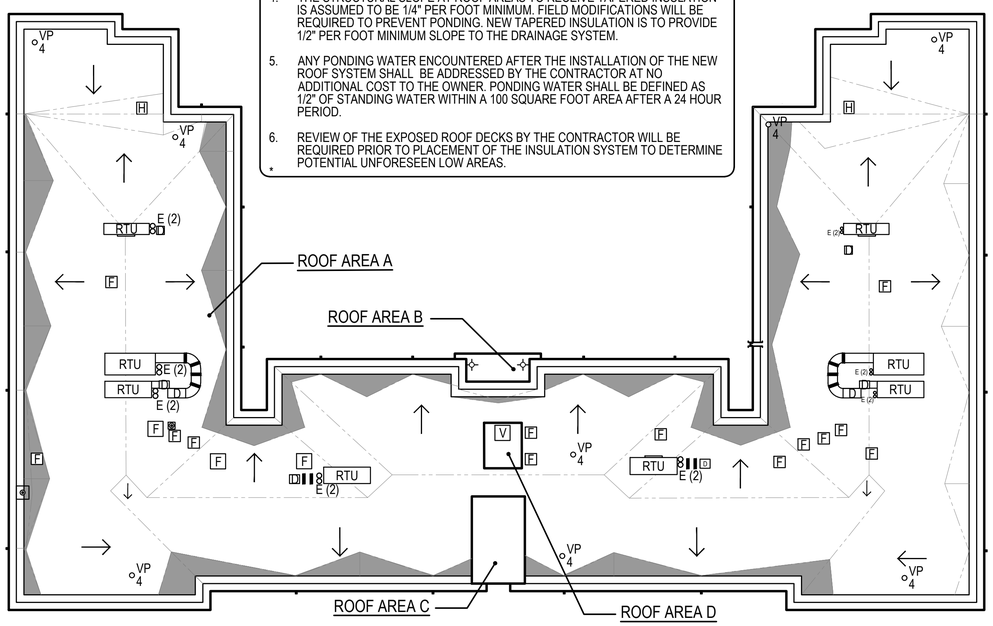
FILE NAME: H:\843810\03 As Builts\843810 A505.dwg LAYOUT NAME: A505 PLOTTED: Thursday, January 08, 2026 - 1:59pm USER: krc

CONCEPTUAL TAPERED INSULATION PLAN

SCALE: NOT TO SCALE

TAPERED INSULATION LAYOUT NOTES

1. CONCEPTUAL TAPERED INSULATION LAYOUT TO PROVIDE MINIMUM INSULATION HEIGHTS AT ROOF-TO-WALL AND PERIMETER LOCATIONS. SPECIFIC TAPERED LAYOUT TO BE DEVELOPED BY CONTRACTOR IN CONJUNCTION WITH INSULATION SUPPLIER.
2. ADJUSTMENTS TO WOOD BLOCKING HEIGHTS AND CONFIGURATIONS OF FLASHINGS TO CONFORM TO TAPERED INSULATION LAYOUT IS THE RESPONSIBILITY OF THE CONTRACTOR. NO ADDITIONAL COSTS WILL BE ALLOWED TO THE CONTRACTOR IF PROPOSED DETAIL CONFIGURATIONS ARE ALTERED.
3. ALL ROOF PENETRATIONS ARE NOT SHOWN ON THIS CONCEPTUAL LAYOUT; PROVIDE CRICKETS BEHIND UNITS TO PROMOTE DRAINAGE. CONTRACTOR TO VERIFY EXISTING ROOF DECK SLOPE AS THE WORK PROGRESSES.
4. THE STRUCTURAL SLOPE AT ROOF AREAS TO RECEIVE TAPERED INSULATION IS ASSUMED TO BE 1/4" PER FOOT MINIMUM. FIELD MODIFICATIONS WILL BE REQUIRED TO PREVENT PONDING. NEW TAPERED INSULATION IS TO PROVIDE 1/2" PER FOOT MINIMUM SLOPE TO THE DRAINAGE SYSTEM.
5. ANY PONDING WATER ENCOUNTERED AFTER THE INSTALLATION OF THE NEW ROOF SYSTEM SHALL BE ADDRESSED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. PONDING WATER SHALL BE DEFINED AS 1/2" OF STANDING WATER WITHIN A 100 SQUARE FOOT AREA AFTER A 24 HOUR PERIOD.
6. REVIEW OF THE EXPOSED ROOF DECKS BY THE CONTRACTOR WILL BE REQUIRED PRIOR TO PLACEMENT OF THE INSULATION SYSTEM TO DETERMINE POTENTIAL UNFORESEEN LOW AREAS.



LEGEND

ALL ITEMS ARE EXISTING UNLESS OTHERWISE NOTED

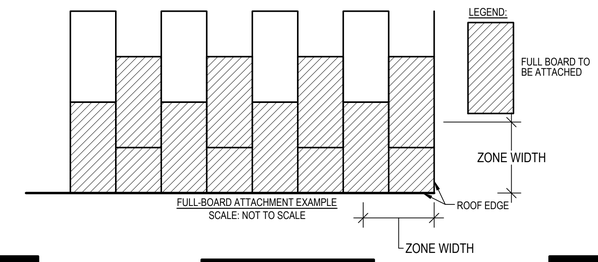
ROOF EDGE		SCUPPER DOWNSPOUT	D	DUCT		STACK	
PARAPET	RTU	ROOF TOP MECHANICAL UNIT	VP #	VENT PIPE; # INDICATES DIAMETER		TAPERED INSULATION SLOPE	
CRICKET	H	ACCESS HATCH		ROOF DRAIN		SLEEPER	
SADDLE	F	FAN	E	ELECTRICAL PENETRATIONS	V	VENT	

ATTACHMENT LAYOUT PLAN

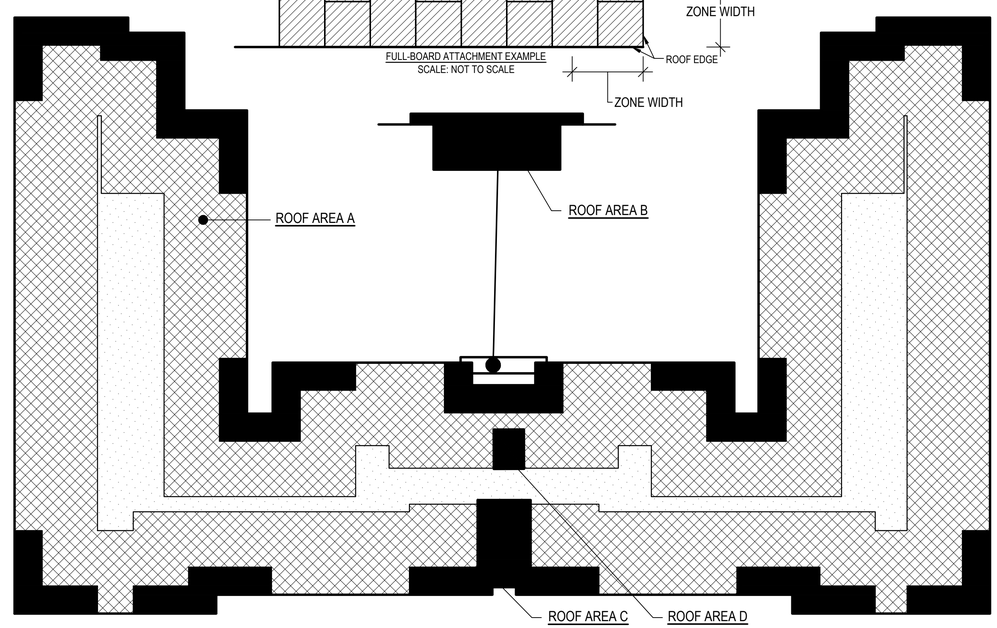
SCALE: NOT TO SCALE

NOTES:

1. HATCH PATTERNS ARE SHOWN SCHEMATICALLY.
2. IF ANY PORTION OF A BOARD FALLS WITHIN THE CORNER OR PERIMETER OF THE ROOF AREA, THE FULL BOARD SHALL HAVE THE MORE STRINGENT ATTACHMENT OF THE CORNER OR PERIMETER, RESPECTIVELY, REFER TO THE BELOW EXAMPLE FOR THIS FULL BOARD ATTACHMENT REQUIREMENT.



FULL-BOARD ATTACHMENT EXAMPLE
SCALE: NOT TO SCALE



BASED ON ASCE 7-16 THE SPACING AND WIND UPLIFT AT EACH ROOF AREA IS AS FOLLOWS:

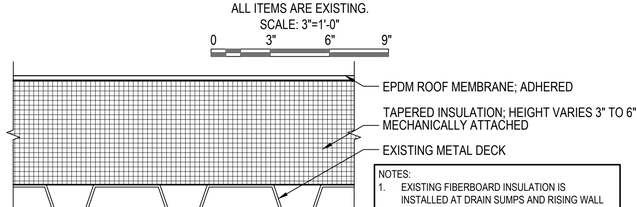
ROOF AREA	ROOF HEIGHT	ZONE WIDTH 0.6"H , 0.2"H	INNER FIELD (CORRESPONDING FM RATING)	OUTER FIELD (CORRESPONDING FM RATING)	PERIMETER (CORRESPONDING FM RATING)	CORNER (CORRESPONDING FM RATING)
A	36'-6"±	21'-11"± , 7'-4"±	64 PSF (FM-90)	111 PSF (FM-150)	146 PSF (FM-210)	199 PSF (FM-270)
B	23'-0"±	13'-10"± , 4'-7"±	N/A	102 PSF (FM-150)	135 PSF (FM-195)	183 PSF (FM-255)
C	43'-6"±	26'-0"± , 8'-8"±	N/A	115 PSF (FM-165)	151 PSF (FM-210)	206 PSF (FM-285)
D	36'-0"±	21'-8" , 7'-3"	N/A	111 PSF (FM-150)	146 PSF (FM-210)	199 PSF (FM-270)
DESIGN CRITERIA: DESIGN WIND SPEED SHALL BE 150 MPH (ULTIMATE). BUILDING RISK CATEGORY III. SURFACE ROUGHNESS D.						

LEGEND:

- FIELD OF ROOF
- PERIMETER OF ROOF
- CORNER OF ROOF

EXISTING CROSS SECTION

ALL ITEMS ARE EXISTING.
SCALE: 3"=1'-0"



NOTES:

1. EXISTING FIBERBOARD INSULATION IS INSTALLED AT DRAIN SUMPS AND RISING WALL LOCATIONS.
2. INSULATION THICKNESS SHOWN DOES NOT ACCOUNT FOR INSULATION CRICKETS.

ROOF AREAS A, B, C, & D

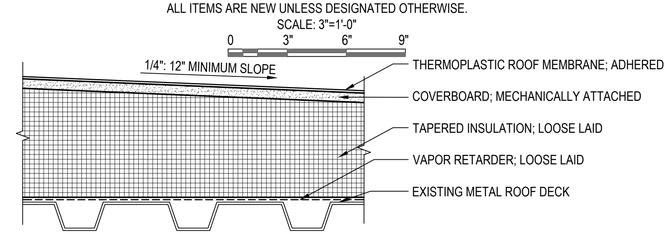
ROOF REPLACEMENT COMPONENTS

THE FOLLOWING ROOF REPLACEMENT COMPONENTS ARE BASED ON THE TRIUMPH ROOFING, INC SUBMITTAL LETTER DATED JUNE 6, 2025.

1. ROOF MEMBRANE: VERSIFLEX PVC MEMBRANE 80 MIL; COLOR TO BE GRAY.
   - ATTACHMENT: VERSIFLEX PVC BONDING ADHESIVE (LOW VOC)
   - ADDITIONAL FASTENING: ANCHOR BARS PLACED 5'-0" ON CENTER AND 10'-0" FROM ALL EDGES; FASTENED 6" ON CENTER USING VERSIGARD MEMBRANE HPV FASTENERS AND FLAT ALUMINUM TERMINATION; BARS WITH AN 8" WIDE HEAT WELDED COVER STRIP
2. COVERBOARD: SECURSHEILD HD COMPOSITE, 0.5 INCH (4'X8' BOARDS); ATTACHED WITH VERSICO APPROVED INSULTITE FASTENERS AND PLATES BASED ON THE BELOW PATTERN:
   - FIELD PRIME (ZONE 1'): 8 FASTENERS PER BOARD
   - FIELD (ZONE 1): 32 FASTENERS PER BOARD
   - PERIMETER (ZONE 2): 32 FASTENERS PER BOARD
   - CORNER (ZONE 3): 32 FASTENERS PER BOARD
3. INSULATION: TAPERED VERSICORE POLYISO INSULATION (4'X4' BOARDS) AT ¼ INCH PER FOOT SLOPE; LOOSE LAID
4. AIR/VAPOR BARRIER: GRIFFOLYN TYPE 55 FR; LOOSE LAID
5. EDGE METAL FASCIA: VERSITRIM, HEAT WELDABLE DRIP EDGE FASCIA FOR SINGLE PLY; COPINGS: VERSITRIM CONTINUOUS CLEAT COPING; COLORS BASED ON METAL-ERA COLOR CHARTS; MATERIALS SHALL BE 0.032", 0.040" AND 0.050" ALUMINUM AS INDICATED IN THESE DRAWINGS OR AS REQUIRED BY THE ROOF MANUFACTURER TO MEET THE WARRANTY REQUIREMENTS.

NEW INSTALLATION CROSS SECTION

ALL ITEMS ARE NEW UNLESS DESIGNATED OTHERWISE.
SCALE: 3"=1'-0"



ROOF AREAS A, B, C, D, E AND F

MARK	DESCRIPTION	DATE

AS BUILT
AS BUILT CONDITONS HAVE BEEN PRESENTED AND REVIEWED BY EEI OF SPRINGFIELD, MA
413-788-2688

SEAL

GALE
Gale Associates, Inc.
Engineers and Planners
300 LEDGEWOOD PLACE, SUITE 300
ROCKLAND, MA 02370
T 781.335.6465 | F 781.335.6467
www.gainc.com
Boston Baltimore Orlando Hartford Manchester

A/E INFO

APPROVED

FOR COMMANDER NAVFAC

ACTIVITY
Approved by <<ACTIVITY_REP>>, <<ACTIVITY_REP_TITLE>>, with <<ACTIVITY>>, via Email.

SATISFACTORY TO DATE MM/DD/YYYY

DES	GALE	DRW	JEN	CHK	CM

PM/DM
BRANCH MANAGER
CHIEF ENG/ARCH
FIRE PROTECTION

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL STATION NEWPORT - NEWPORT, RI
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - MID-ATLANTIC
PUBLIC WORKS DEPARTMENT - MAINE
NAVAL STATION NEWPORT
NEWPORT, RI
RIPLEY HALL - BUILDING 1372
ROOF REPLACEMENT
CONCEPTUAL TAPERED LAYOUT PLAN AND CROSS SECTIONS

SCALE: AS NOTED
EPROJECT NO.: 1802331
CONSTR. CONTR. NO.
NAVFAC DRAWING NO.
SHEET 4 OF 16
GI004

GALE JN: 843810 DRAWFORM REVISION: 14 SEP 2023

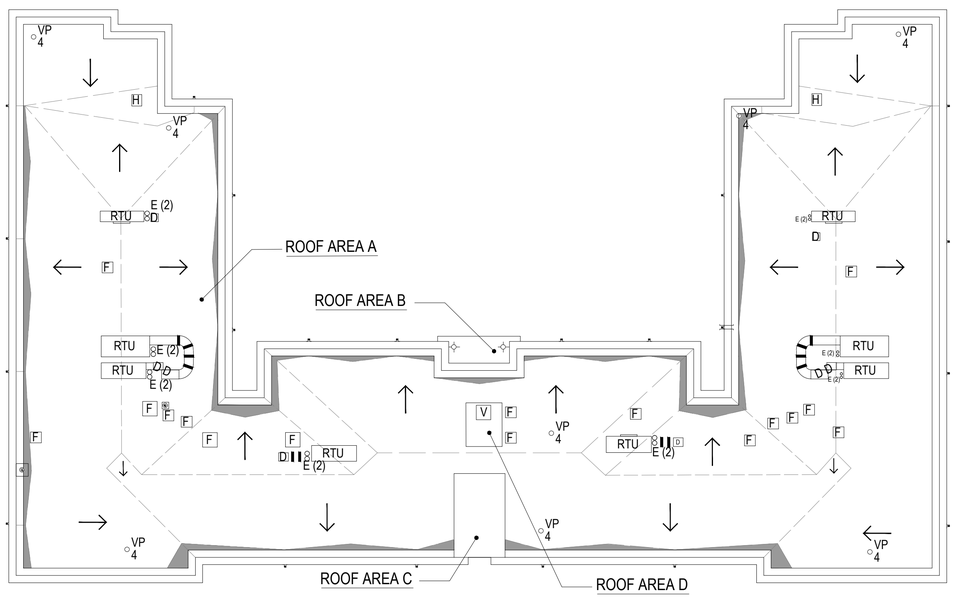
FILE NAME: H:\843810\03 As Builts\843810 GI004.dwg LAYOUT NAME: GI004 PLOTTED: Thursday, January 08, 2026 – 1:44pm USER: krc

CONCEPTUAL TAPERED INSULATION PLAN

SCALE: NOT TO SCALE

PLAN NORTH

As-Built Drawings
Triumph Roofing, Inc
2/10/2026



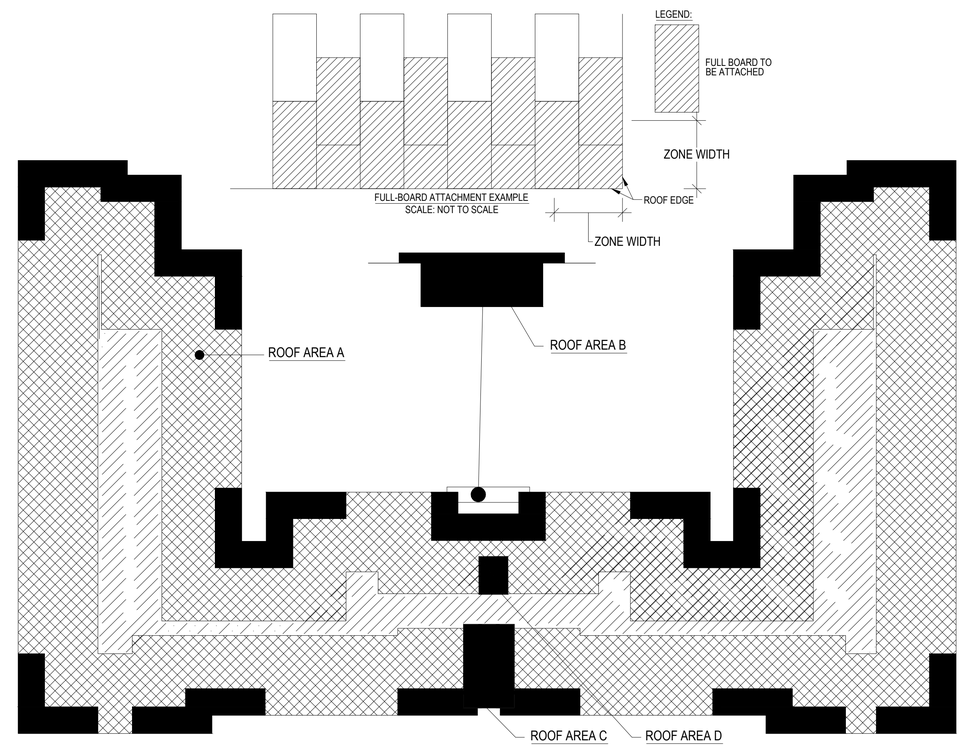
LEGEND

ALL ITEMS ARE EXISTING UNLESS OTHERWISE NOTED

ROOF EDGE		SCUPPER DOWNSPOUT	D	DUCT		STACK
PARAPET	RTU	ROOF TOP MECHANICAL UNIT	VP #	VENT PIPE; # INDICATES DIAMETER		TAPERED INSULATION SLOPE
CRICKET	H	ACCESS HATCH		ROOF DRAIN		SLEEPER
SADDLE	F	FAN	E	ELECTRICAL PENETRATIONS	V	VENT

ATTACHMENT LAYOUT PLAN

SCALE: NOT TO SCALE



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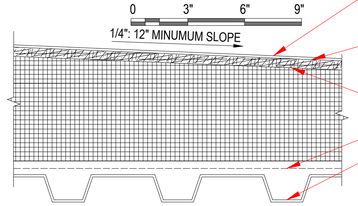
DESIGN CRITERIA: DESIGN WIND SPEED SHALL BE 150 MPH (ULTIMATE). BUILDING RISK CATEGORY III. SURFACE ROUGHNESS D.

LEGEND:
- FIELD OF ROOF
- PERIMETER OF ROOF
- CORNER OF ROOF

ROOF SYSTEM CROSS SECTION

ALL ITEMS ARE NEW UNLESS DESIGNATED OTHERWISE.
SCALE: 3"=1'-0"
0 3" 6" 9"
1/4": 12" MINUMUM SLOPE



- .080" VERSIFLEX PVC MEMBRANE ADHERE WITH PVC LOW VOC BONDING ADHESIVE. SECURE WITH VERSICO METAL FASTENING BAR & HPV FASTENERS @ 6" O.C. PLACED 5'-0" ACROSS ROOF AREA; OVERLAY AND WELD W/ VERSIFLEX PVC MEMBRANE
- ½" SECURESHIELD HD BOARD (4'X8') MECHANICALLY FASTENED W/ VERSICO INSULTITE FASTENERS & 3" INSULATION PLATES (FIELD = 16/BOARD, PERIMETER = 24/BOARD, CORNER = 32/BOARD)
- TAPERED & FLAT VERSICORE POLYISOCYANURATE INSULATION; LOOSE LAID
- GRIFFOLYN TYPE-55 FR; LOOSE LAID
- EXISTING METAL ROOF DECK

ROOF AREAS A, B, C, D, E AND F

SHEET LIST

C1 TAPERED INSULATION PLAN & ROOF SYSTEM
A1 ROOF PLAN
A2 DETAILS
A3 DETAILS
A4 DETAILS
A5 DETAILS

TRIUMPH ROOFING
46 Elm Street
Baldwinville, MA 01436

SHOP DRAWINGS

RIPLEY HALL - BLDG 1372
ROOF REPLACEMENT

TAPERED INSULATION PLAN & ROOF SYSTEM

NAVAL UNDERSEA WARFARE CENTER DIVISION
NEWPORT, RI

STAMP:

PROJECT NUMBER:
DATE: 06/23/25
REVISION:
DRAWN BY:
CHECKED BY:
SCALE: AS NOTED

SUBMISSION:

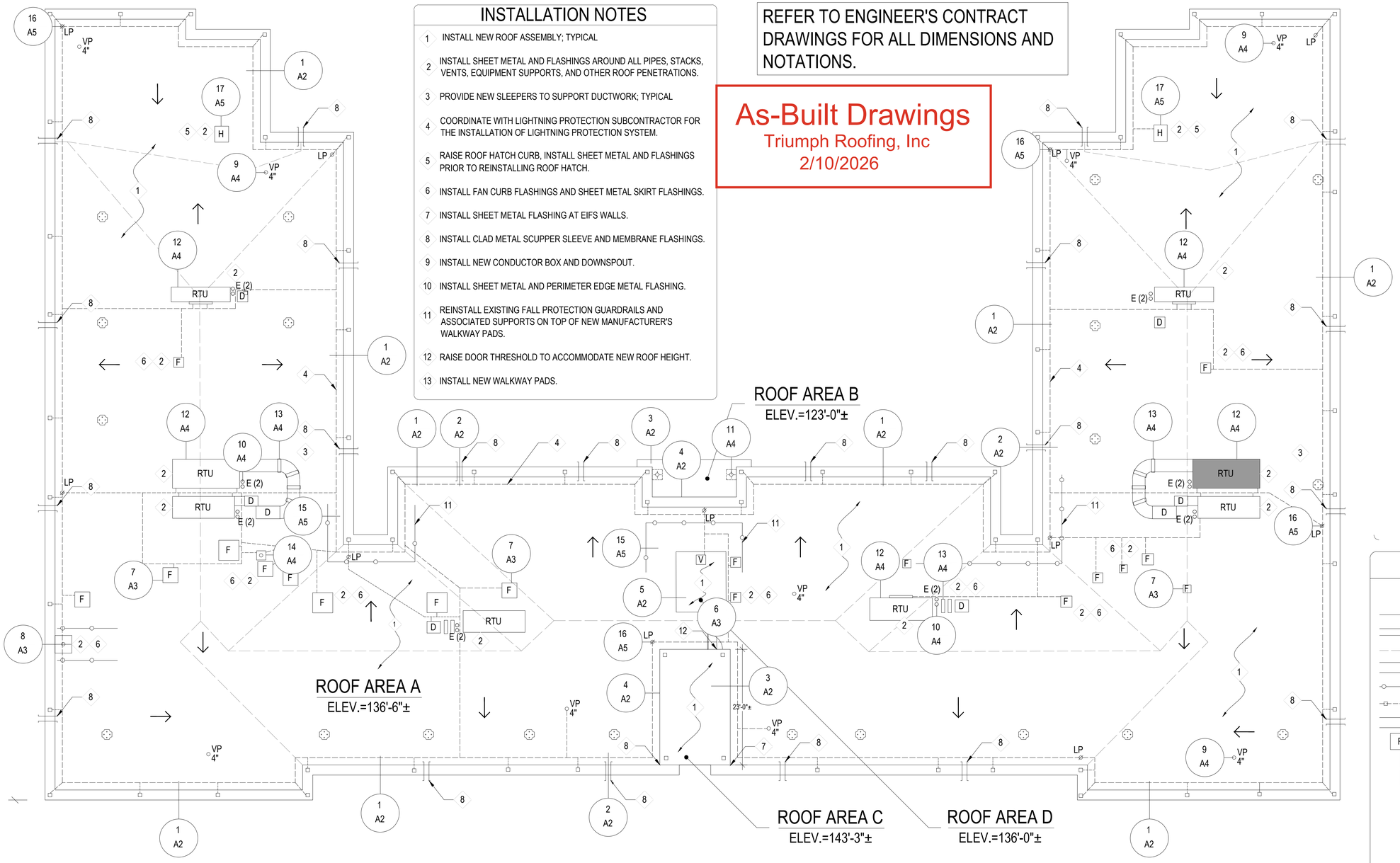
SHEET: C1

INSTALLATION NOTES

1. INSTALL NEW ROOF ASSEMBLY; TYPICAL
2. INSTALL SHEET METAL AND FLASHINGS AROUND ALL PIPES, STACKS, VENTS, EQUIPMENT SUPPORTS, AND OTHER ROOF PENETRATIONS.
3. PROVIDE NEW SLEEPERS TO SUPPORT DUCTWORK; TYPICAL
4. COORDINATE WITH LIGHTNING PROTECTION SUBCONTRACTOR FOR THE INSTALLATION OF LIGHTNING PROTECTION SYSTEM.
5. RAISE ROOF HATCH CURB, INSTALL SHEET METAL AND FLASHINGS PRIOR TO REINSTALLING ROOF HATCH.
6. INSTALL FAN CURB FLASHINGS AND SHEET METAL SKIRT FLASHINGS.
7. INSTALL SHEET METAL FLASHING AT EIFS WALLS.
8. INSTALL CLAD METAL SCUPPER SLEEVE AND MEMBRANE FLASHINGS.
9. INSTALL NEW CONDUCTOR BOX AND DOWNSPOUT.
10. INSTALL SHEET METAL AND PERIMETER EDGE METAL FLASHING.
11. REINSTALL EXISTING FALL PROTECTION GUARDRAILS AND ASSOCIATED SUPPORTS ON TOP OF NEW MANUFACTURER'S WALKWAY PADS.
12. RAISE DOOR THRESHOLD TO ACCOMMODATE NEW ROOF HEIGHT.
13. INSTALL NEW WALKWAY PADS.

REFER TO ENGINEER'S CONTRACT DRAWINGS FOR ALL DIMENSIONS AND NOTATIONS.

As-Built Drawings
Triumph Roofing, Inc
2/10/2026



ROOF AREA PLAN - INSTALLATION

1

NOTE: ALL ITEMS ARE NEW UNLESS OTHERWISE DESIGNATED AS EXISTING
SCALE: 3/32"=1'-0"

LEGEND

ALL ITEMS ARE EXISTING UNLESS OTHERWISE NOTED

- ROOF EDGE
- PARAPET
- CRICKET
- THROUGH WALL SCUPPER
- BALLASTED GUARDRAIL
- LIGHTNING PROTECTION CABLE
- DUCTWORK ABOVE ROOF SURFACE
- RTU — ROOF TOP MECHANICAL UNIT
- H — ACCESS HATCH
- F — FAN
- D — DUCT
- V — VENT
- SLEEPER
- ROOF ACCESS DOOR
- VP # — VENT PIPE; # INDICATES DIAMETER
- ROOF DRAIN
- STACK
- LP — LIGHTNING PROTECTION PENETRATION
- E — ELECTRICAL PENETRATION
- GUARDRAIL BASE
- TAPERED INSULATION SLOPE
- ELEV.=#'-#" — HEIGHT RELATIVE TO MAIN ENTRANCE WHICH IS ASSUMED TO BE 0'-0"

TRIUMPH ROOFING
46 Elm Street
Baldwinville, MA 01436

SHOP DRAWINGS

RIPLEY HALL - BLDG 1372 ROOF REPLACEMENT

ROOF PLAN

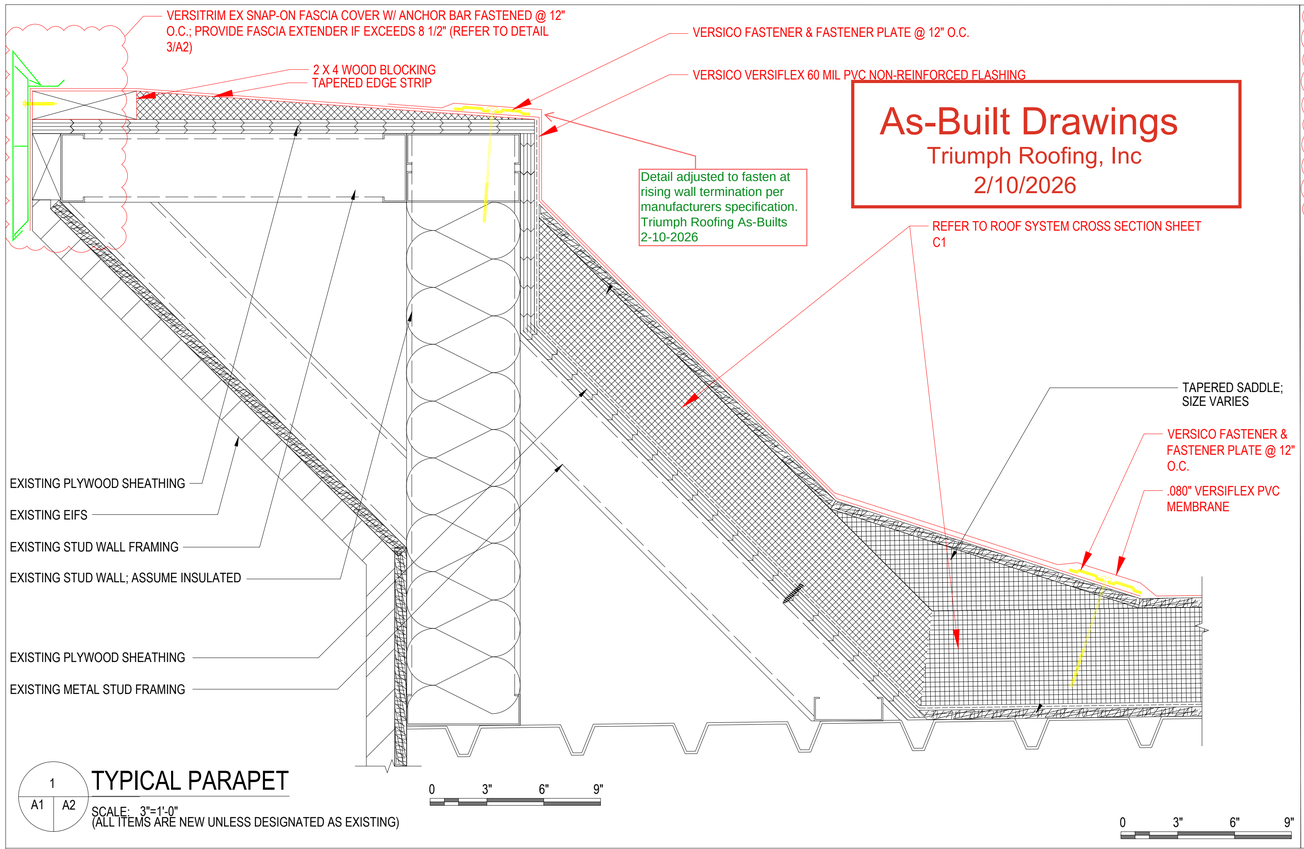
NAVAL UNDERSEA WARFARE CENTER DIVISION
NEWPORT, RI

STAMP:

PROJECT NUMBER:
DATE: 06/23/25
REVISION:
DRAWN BY:
CHECKED BY:
SCALE: AS NOTED

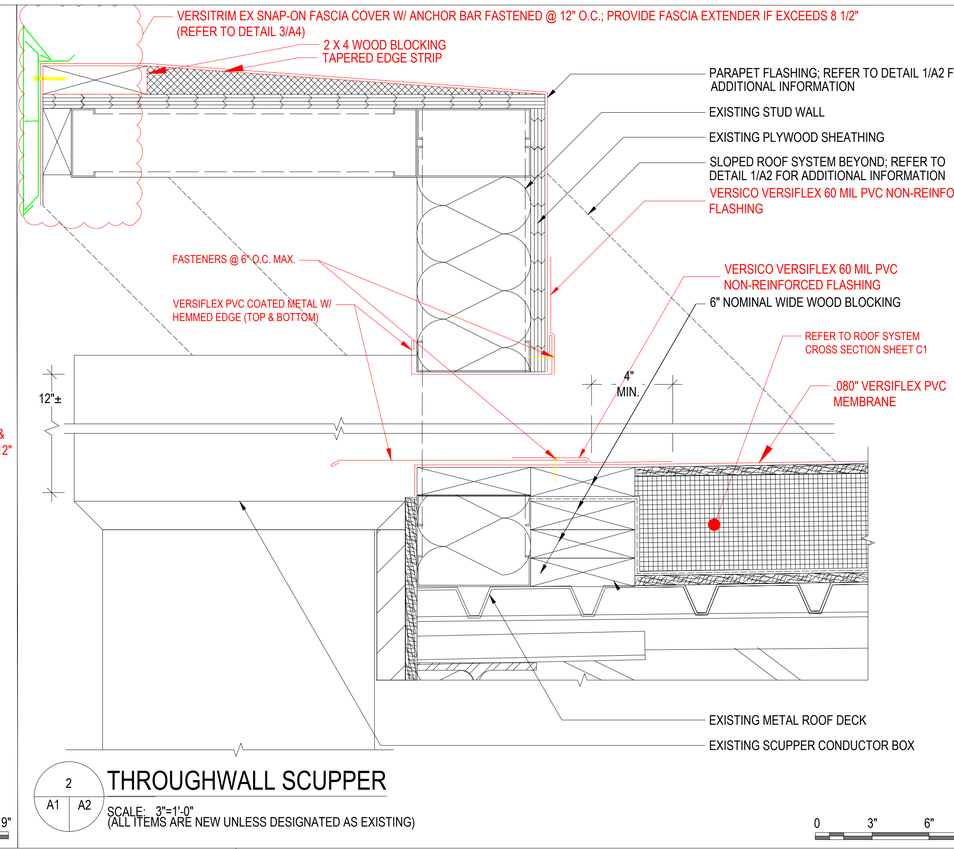
SUBMISSION:

SHEET: A1

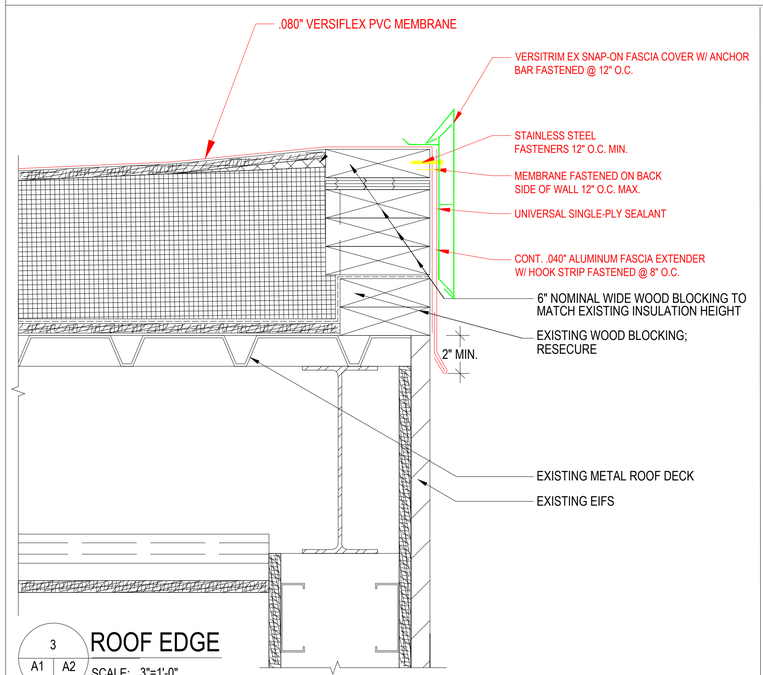


As-Built Drawings
Triumph Roofing, Inc
2/10/2026

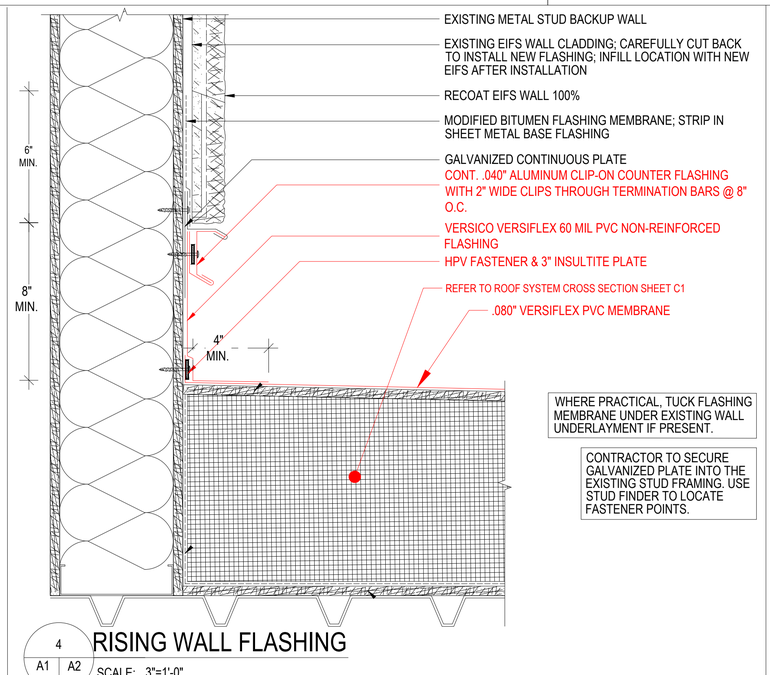
1 A1 A2 TYPICAL PARAPET
SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)



2 A1 A2 THROUGHWALL SCUPPER
SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)



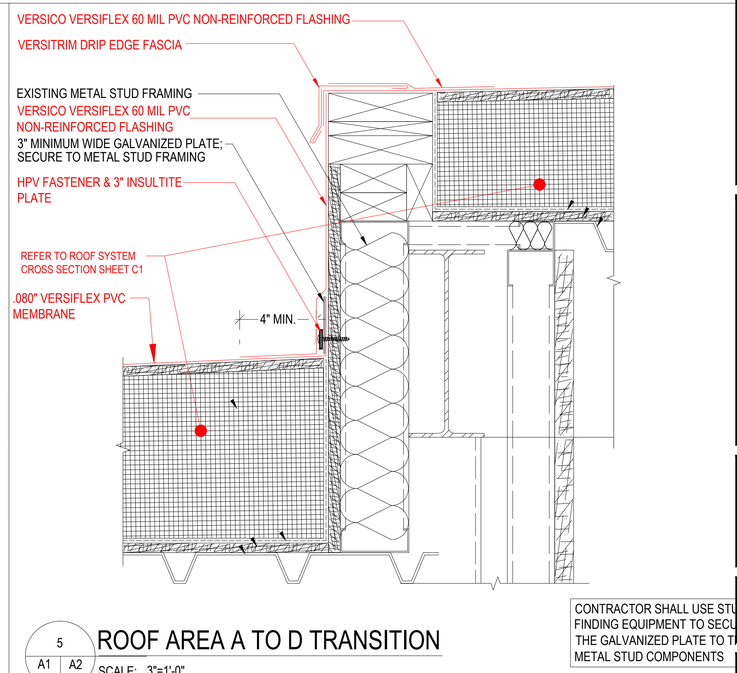
3 A1 A2 ROOF EDGE
SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)



WHERE PRACTICAL, TUCK FLASHING MEMBRANE UNDER EXISTING WALL UNDERLAYMENT IF PRESENT.

CONTRACTOR TO SECURE GALVANIZED PLATE INTO THE EXISTING STUD FRAMING. USE STUD FINDER TO LOCATE FASTENER POINTS.

4 A1 A2 RISING WALL FLASHING
SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)



CONTRACTOR SHALL USE STU
FINDING EQUIPMENT TO SECU
THE GALVANIZED PLATE TO T
METAL STUD COMPONENTS

5 A1 A2 ROOF AREA A TO D TRANSITION
SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

TRIUMPH ROOFING
46 Elm Street
Baldwinville, MA 01436
SHOP DRAWINGS

RIPLEY HALL - BLDG 1372
REPLACE EPDM ROOFING SYSTEM
DETAILS
NAVAL UNDERSEA WARFARE CENTER DIVISION
NEWPORT, RI

STAMP:

PROJECT NUMBER:
DATE: 06/23/25
REVISION:
DRAWN BY:
CHECKED BY:
SCALE: AS NOTED

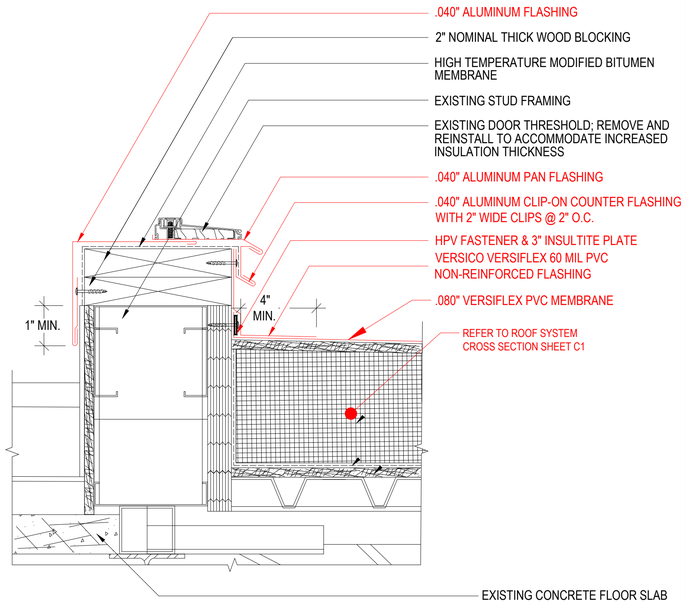
SUBMISSION:

SHEET:
A2

As-Built Drawings

Triumph Roofing, Inc

2/10/2026



6 A1 A3 DOOR THRESHOLD

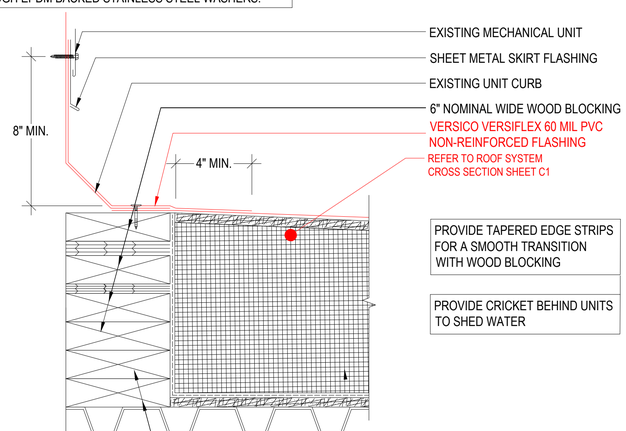
SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

0 3" 6" 9"

1. FOR ADDITIONAL INFORMATION, REFER TO APPROPRIATE ROOF EDGE DETAIL.
2. COORDINATE THE INSTALLATION OF THE VAPOR RETARDER WITH THE APPROPRIATE ROOF EDGE DETAIL.
3. ALL DISCONNECTS/RECONNECTS SHALL BE PERFORMED BY LICENSED TRADES PERSONS.
4. TEMPORARILY DISCONNECT AND EXTEND ALL ELECTRICAL AND CONDENSER LINES AT AIR CONDITIONING UNITS AS REQUIRED TO RAISE THE UNITS TO ACCOMMODATE THE FINAL FINISHED ROOF HEIGHT.
5. RESECURE UNIT HOOD WITH STAINLESS STEEL FASTENERS THROUGH EPDM BACKED STAINLESS STEEL WASHERS.

PROVIDE VERSIFLEX PVC CROSSGRIP WALKWAY WALKWAY PAD AROUND UNITS

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.



PROVIDE TAPERED EDGE STRIPS FOR A SMOOTH TRANSITION WITH WOOD BLOCKING

PROVIDE CRICKET BEHIND UNITS TO SHED WATER

7 A1 A3 FAN/DUCT CURB

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

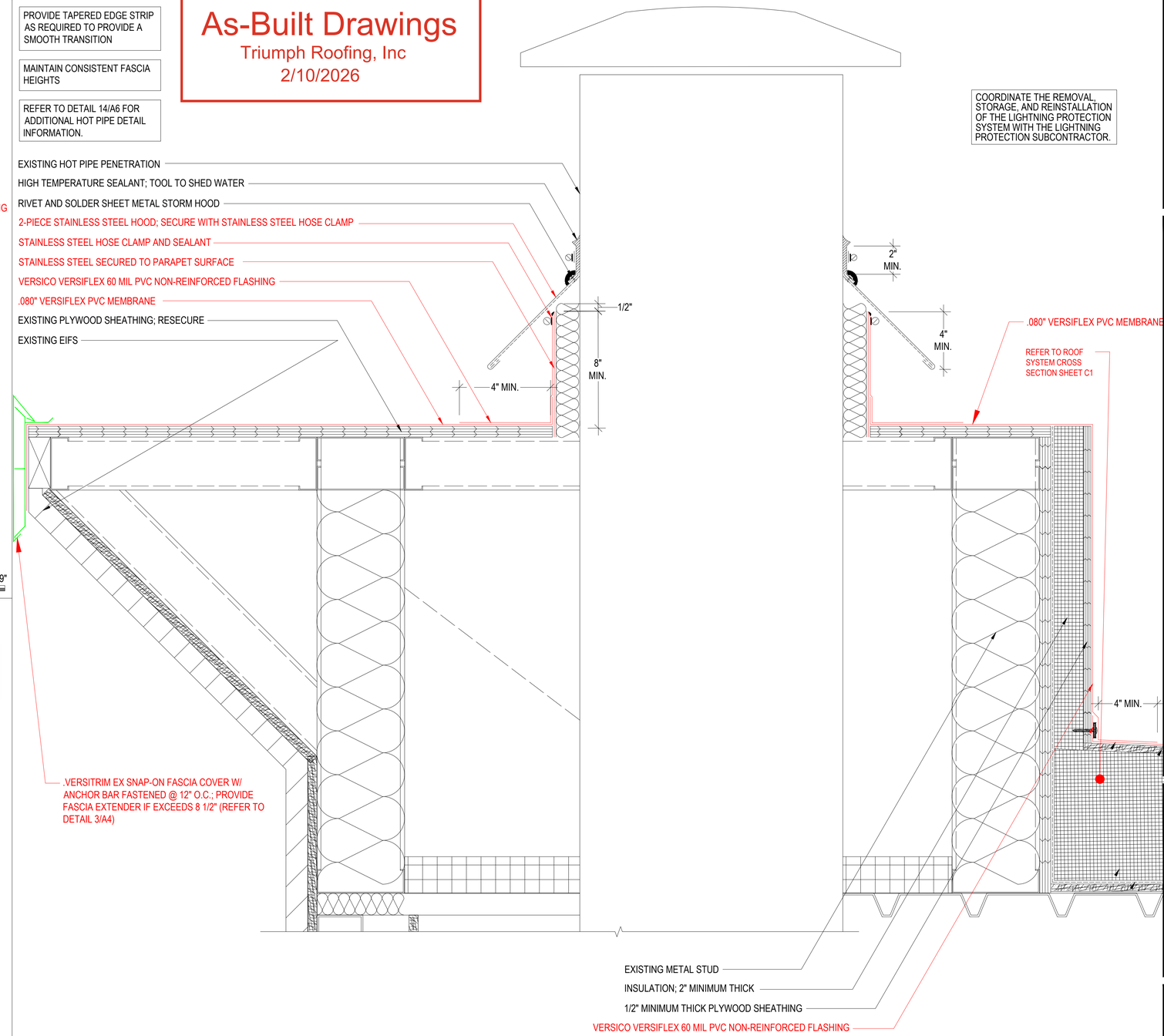
0 3" 6" 9"

PROVIDE TAPERED EDGE STRIP AS REQUIRED TO PROVIDE A SMOOTH TRANSITION

MAINTAIN CONSISTENT FASCIA HEIGHTS

REFER TO DETAIL 14/A6 FOR ADDITIONAL HOT PIPE DETAIL INFORMATION.

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.



8 A1 A3 PARAPET HOT PIPE DETAIL

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

TRIUMPH ROOFING

46 Elm Street
Baldwinville, MA 01436

SHOP DRAWINGS

RIPLEY HALL - BLDG 1372
ROOF REPLACEMENT

DETAILS

NAVAL UNDERSEA WARFARE CENTER DIVISION
NEWPORT, RI

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SUBMISSION:

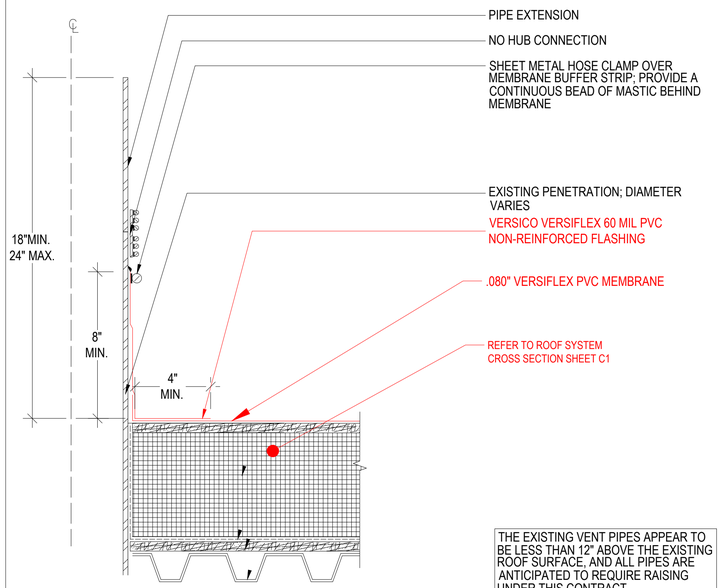
SHEET:
A3

As-Built Drawings

Triumph Roofing, Inc

2/10/2026

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.



THE EXISTING VENT PIPES APPEAR TO BE LESS THAN 12" ABOVE THE EXISTING ROOF SURFACE, AND ALL PIPES ARE ANTICIPATED TO REQUIRE RAISING UNDER THIS CONTRACT.

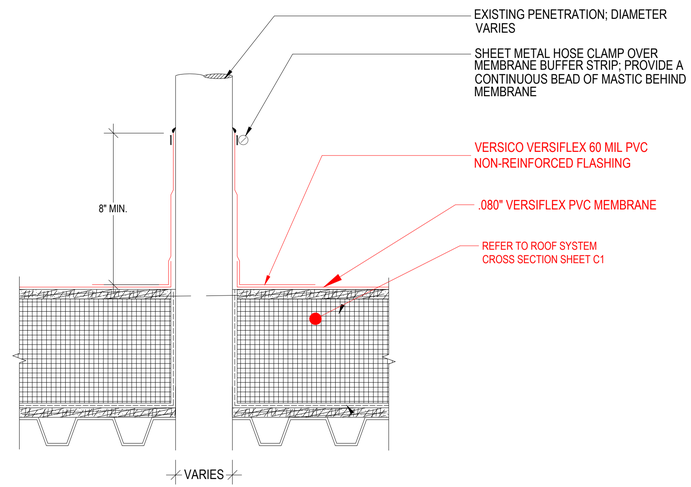
9 VENT PIPE

A1 A4

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

0 3" 6" 9"

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.



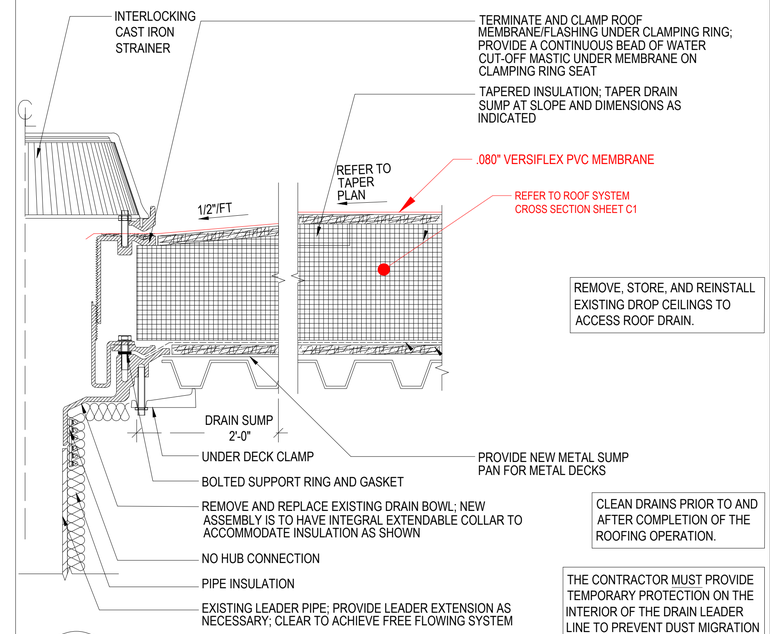
10 PIPE WRAP

A1 A4

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

0 3" 6" 9"

CRICKETS ARE TO BE PROVIDED BETWEEN ALL DRAIN LOCATIONS UNLESS NOTED OTHERWISE



REMOVE, STORE, AND REINSTALL EXISTING DROP CEILINGS TO ACCESS ROOF DRAIN.

CLEAN DRAINS PRIOR TO AND AFTER COMPLETION OF THE ROOFING OPERATION.

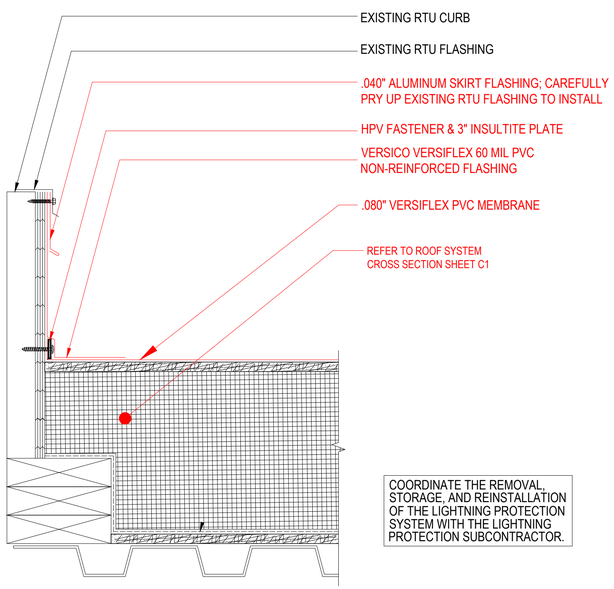
THE CONTRACTOR MUST PROVIDE TEMPORARY PROTECTION ON THE INTERIOR OF THE DRAIN LEADER LINE TO PREVENT DUST MIGRATION INTO THE BUILDING. CONTRACTOR TO COORDINATE INTERIOR ACCESS WITH THE OWNER

11 ROOF DRAIN

A1 A4

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

0 3" 6" 9"



COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

PROVIDE VERSIFLEX PVC CROSSGRIP WALKWAY WALKWAY PAD AROUND UNITS

12 ROOF TOP UNIT

A1 A4

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

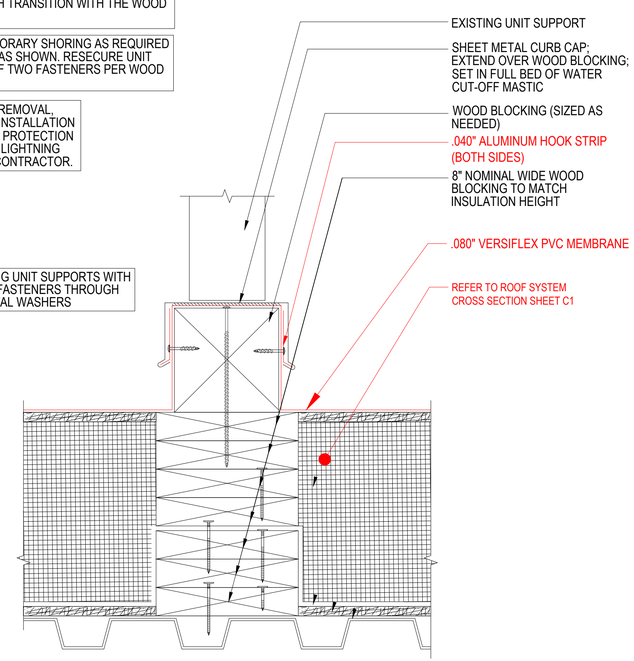
0 3" 6" 9"

PROVIDE TAPERED EDGE STRIPS AS REQUIRED TO PROVIDE A SMOOTH TRANSITION WITH THE WOOD BLOCKING.

PROVIDE ALL TEMPORARY SHORING AS REQUIRED TO INSTALL WORK AS SHOWN. RESECURE UNIT WITH A MINIMUM OF TWO FASTENERS PER WOOD SLEEPER.

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

RESECURE EXISTING UNIT SUPPORTS WITH STAINLESS STEEL FASTENERS THROUGH EPDM BACKED METAL WASHERS

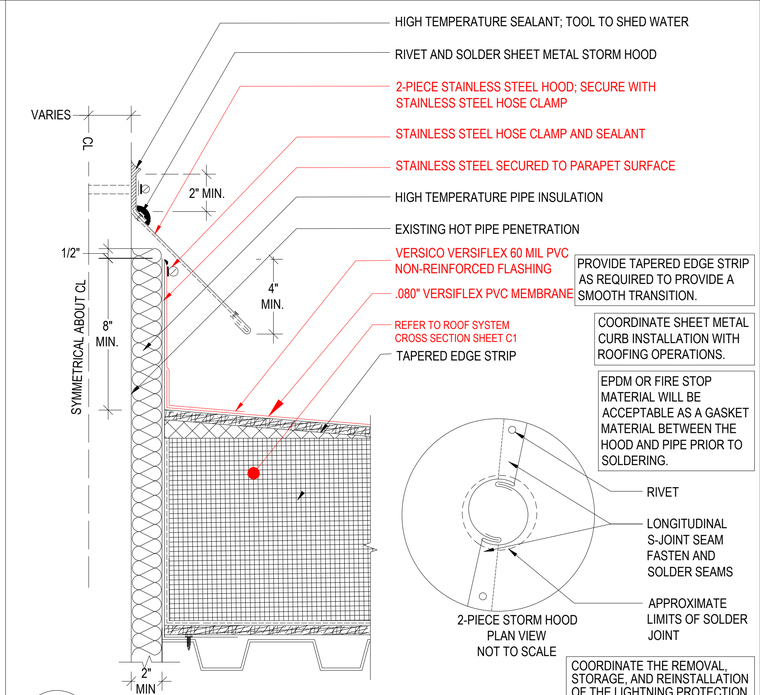


13 CONCEALED SLEEPER

A1 A4

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

0 3" 6" 9"



PROVIDE TAPERED EDGE STRIP AS REQUIRED TO PROVIDE A SMOOTH TRANSITION.

COORDINATE SHEET METAL CURB INSTALLATION WITH ROOFING OPERATIONS.

EPDM OR FIRE STOP MATERIAL WILL BE ACCEPTABLE AS A GASKET MATERIAL BETWEEN THE HOOD AND PIPE PRIOR TO SOLDERING.

2-PIECE STORM HOOD
PLAN VIEW
NOT TO SCALE

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

14 HOT PIPE PENETRATION

A1 A4

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

0 3" 6" 9"

TRIUMPH ROOFING
46 Elm Street
Baldwinville, MA 01436

SHOP DRAWINGS

RIPLEY HALL - BLDG 1372
ROOF REPLACEMENT

DETAILS

NAVAL UNDERSEA WARFARE CENTER DIVISION
NEWPORT, RI

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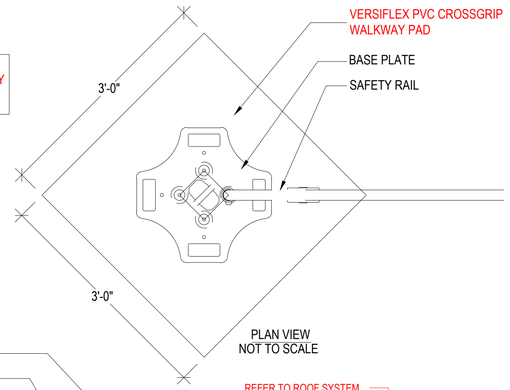
SHEET:

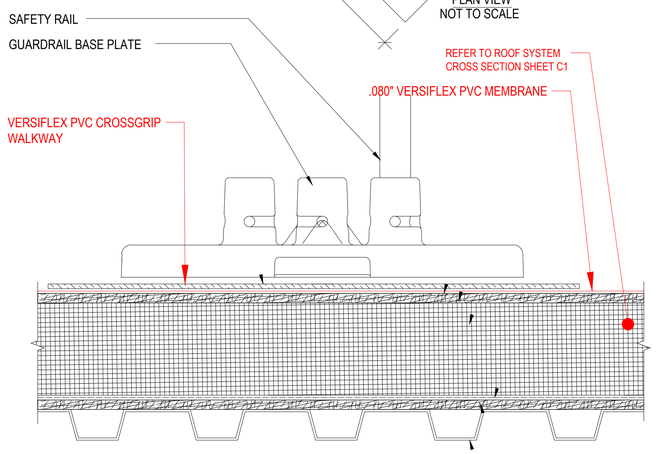
A4

INSTALL NEW VERSIFLEX PVC CROSSGRIP WALKWAY PADS UNDER EXISTING AND NEW GUARDRAILS.

COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.



PLAN VIEW
NOT TO SCALE

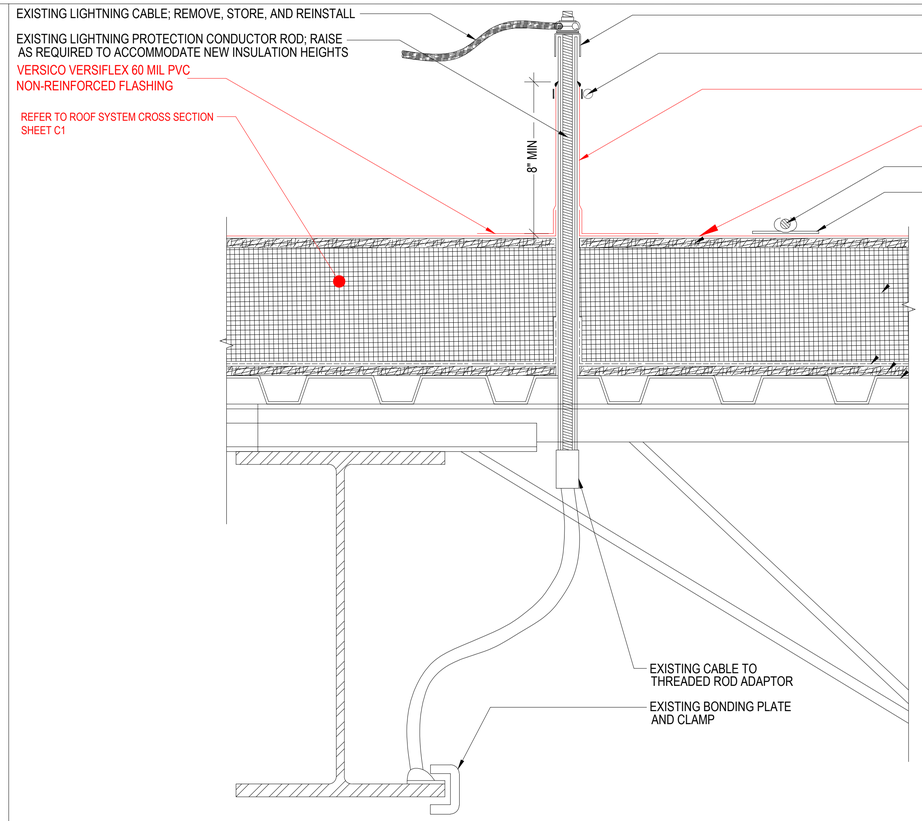


15 BALLASTRATED GUARDRAIL

A1 | A5

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

0 3" 6" 9"



EXISTING LIGHTNING PROTECTION STANCHION; RAISE AS REQUIRED TO ACCOMMODATE NEW INSULATION HEIGHTS

SHEET METAL HOSE CLAMP OVER MEMBRANE BUFFER STRIP; PROVIDE A CONTINUOUS BEAD OF MASTIC

VERSICO VERSIFLEX 60 MIL PVC NON-REINFORCED FLASHING

.080" VERSIFLEX PVC MEMBRANE

REINSTALL EXISTING CONDUCTOR CABLE

CLIP SET IN ADHESIVE

As-Built Drawings
Triumph Roofing, Inc
2/10/2026

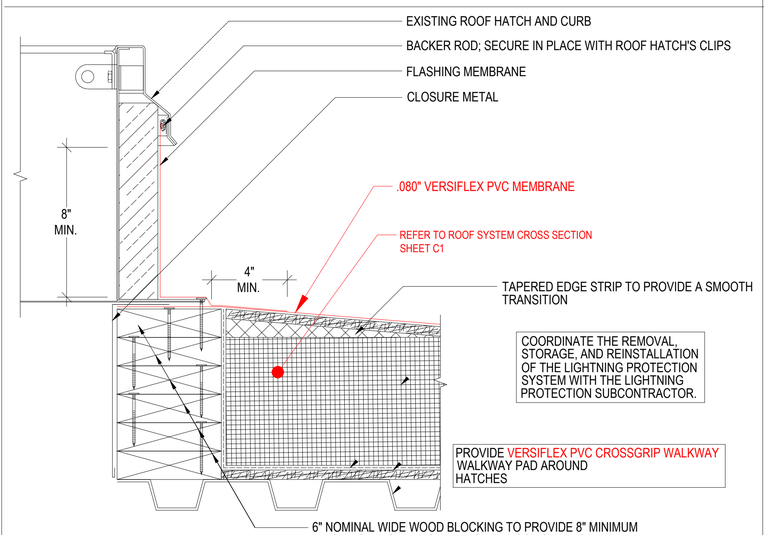
COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

REFER TO THE LIGHTNING PROTECTION DRAWINGS FOR ADDITIONAL INFORMATION.

16 LIGHTNING PROTECTION THROUGH-ROOF ASSEMBLY

A1 | A5

SCALE: 3"=1'-0"



COORDINATE THE REMOVAL, STORAGE, AND REINSTALLATION OF THE LIGHTNING PROTECTION SYSTEM WITH THE LIGHTNING PROTECTION SUBCONTRACTOR.

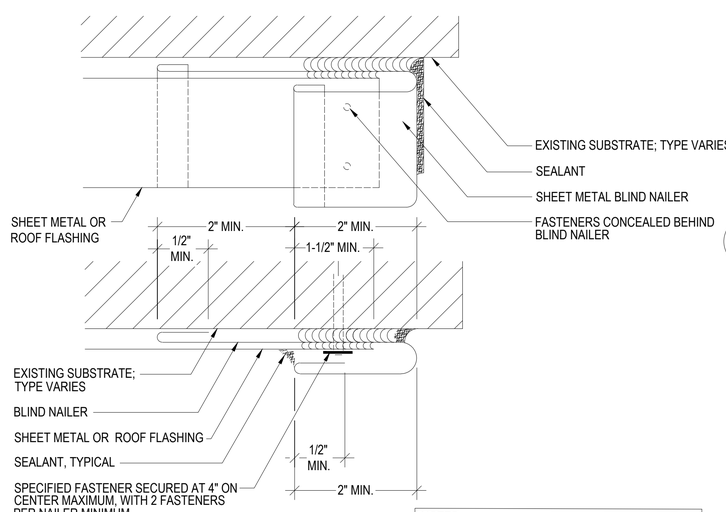
PROVIDE VERSIFLEX PVC CROSSGRIP WALKWAY PAD AROUND HATCHES

17 ROOF ACCESS HATCH

A1 | A5

SCALE: 3"=1'-0"
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

0 3" 6" 9"

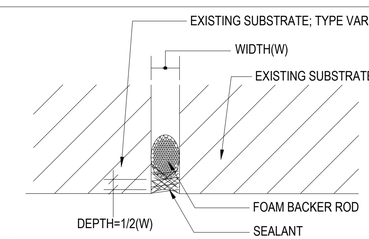


18 BLIND NAILER

A1 | A5

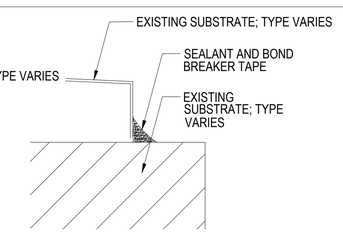
SCALE: NOT TO SCALE
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

NOTES:
1. BLIND NAILERS SHALL HAVE A MINIMUM OF TWO (2) FASTENERS. LOCATIONS NOT SHOWN ON ROOF AREA PLAN
2. THIS DETAIL IS NOT CALLED OUT ON THE ROOF AREA PLAN BUT SHALL BE PROVIDED AT ALL VERTICAL TERMINATION DETAILS.



A STANDARD JOINT

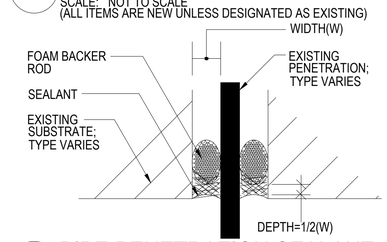
SCALE: NOT TO SCALE
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)



B FILLET

SCALE: NOT TO SCALE
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

THIS DETAIL IS NOT INDICATED ON THE PLANS BUT SHALL BE USED FOR ALL SEALANT JOINT LOCATIONS.



C PIPE PENETRATION SEALANT

SCALE: NOT TO SCALE
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

19 TYPICAL SEALANT JOINTS

A1 | A5

SCALE: NOT TO SCALE
(ALL ITEMS ARE NEW UNLESS DESIGNATED AS EXISTING)

TRIUMPH ROOFING
46 Elm Street
Baldwinville, MA 01436

SHOP DRAWINGS

RIPLEY HALL - BLDG 1372
ROOF REPLACEMENT

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A5

As-Built Drawings

LIGHTNING
PROTECTION
and
GROUNDING
EQUIPMENT

NORTHEAST LIGHTNING

Cuts of Material for
Newport Naval Academy B1372
Ripley Hall Roof Replacement
690 Peary Street
Newport, RI 02841

NORTHEAST LIGHTNING PROTECTION, LLC www.northeastlightning.com
10 PETERS ROAD · BLOOMFIELD · CONNECTICUT 06002 · TEL(860)243-0010 ·
FAX(860)242-1266

The following is an excerpt from an Underwriters Laboratories bulletin

Subject 96A 9 Issued: 3-31-00 Revised: To Be Determined L12. The 'Materials' Section of UL96A requires that metals shall be used in combinations that are Galvanically compatible. Therefore, aluminum components shall not be installed in direct contact with bare copper roofing materials/surfaces, and copper materials shall not be installed in direct contact with bare aluminum roofing materials/surfaces. Metals acceptable for use with copper and aluminum are as follows:

.Metals that are acceptable for use with copper:
Nickel, Brass, Tin, Lead, Stainless Steel, and Monel.

.Metals that are acceptable for use with aluminum:
Magnesium, Zinc, Galvanized Steel, Galvalum, Stainless Steel, Lead, and Wrought Iron.

Paint ***is not*** considered an acceptable standoff between Galvanically incompatible materials.

NORTHEAST
LIGHTNING PROTECTION LLC
10 Peters Road, Bloomfield, CT 06002
Phone: 860-243-0010 Fax: 860-242-1266
Email: info@northeastlightning.com Website: www.northeastlightning.com

Northeast lightning Protection LLC, is daily engaged in the design, manufacture, and installation of lightning protection, grounding, and static control systems. Founded in 1976, the company facilities are located in the Woodland Industrial Park, Bloomfield, CT. Our installation area covers all of New England, New York, and New Jersey. We will work worldwide as required on special projects.
Our Underwriters Laboratories, Inc. installation number is E83972.
Our installations and equipment meet the requirements of the following:

Underwriters Laboratories
US Bureau of Standards
National Board of Fire Underwriters
National Fire Protection Association
American Institute of Electrical Engineers
US Department of Agriculture
State Fire Marshal
Colleges and State Universities
Lightning Protection Institute
Lightning Safety Alliance
United Lightning Protection Association

NORTHEAST
LIGHTNING PROTECTION, LLC
10 PETERS ROAD, BLOOMFIELD, CT 06002
TEL: (860) 243-0010 FAX: (860) 242-1266
EMAIL: INFO@NORTHEASTLIGHTNING.COM WEBSITE: NORTHEASTLIGHTNING.COM

Adhesion of the Lightning Protection System has the following limitations.

- Metal copings and fans will be adhered with Chemlink M-1™.
- PVC roofs will be adhered with Chemlink M-1™ or special adhesives supplied by the roofer. Any additional stripping, looping, pads or other roof preparations to maintain roof warranty will be by others.
- Hot tar roofs will be adhered with steep asphalt.
- Modified bituminous roll roofs will be adhered with Chemlink M-1™. Torch down pads or other work is by others.
- Rubber or TPO membrane roofs will be adhered with Chemlink M-1™. Any additional stripping, looping, pads or other roof preparations to maintain roof warranty will be by others.
- Metal roofing will receive non-penetration clamps or adhered with Chemlink M-1™. Soldering or other methods will be by others.
- Slate roofs will be adhered with Chemlink M-1™.
- Side penetrations in parapet walls or coping will be avoided if at all possible. Any penetrations will be waterproofed by others.
- Through Roof Units Tops for conductor penetrations will be provided by Northeast Lightning. Flashing will be by others.
- Lightning protection in snow slide areas may require snow guards installed by others.
- Any additional stripping, looping, pads or other roof preparations to maintain roof warranty will be by others.

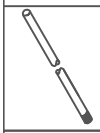
Materials List for
Ripley Hall Roof Replacement
690 Peary Street
Newport, RI 02841

Northeast Lightning Protection, LLC
10 Peters Road, Bloomfield, Ct. 06002
Tel. (860) 243–0010 Fax. (860) 242–1266

James G Barnard
Lightning Protection Institute Master Designer #1074
UL Installation: # E83972
NECA: # 15867

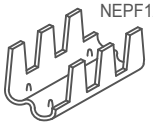
NEA24 - Cable 24 strands of 14 gauge (1.63mm) basket weave aluminum cable. 102 pounds per thousand feet (152 grams/meter). 98,640 circular mils (50mm²) of conductivity. Exceeds Class I requirements. UL Listed.

NEC29 - Cable 29 strands of 17 gauge (1.15mm) basket weave copper cable. 192 pounds per thousand feet (286 grams/meter). 59,450 circular mils (30mm²) of conductivity. Exceeds Class I requirements. UL Listed.



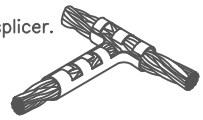
NEAT15AB - Air Terminal
Class I – ALUMINUM $\frac{1}{2}$"X15" (12.7mmX381mm)
$\frac{1}{2}$" (12.7mm) diameter, threaded base, UL listed.
NEAT15CB - Class I – COPPER $\frac{3}{8}$"X15" (9.5mmX381mm)
$\frac{3}{8}$" (9.5mm) diameter, threaded base, UL listed.

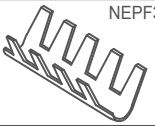
NEBB3A - Adhesive Base An aluminum base suitable for use on built–up, single membrane, or other roof surfaces where all mechanical penetrations must be avoided. For use with adhesives compatible to roof surface. $4\frac{1}{4}$" x 4" (10.8cm x 10.2cm); approximately 6 oz. (170 grams).
NEBB3B - Cast bronze; approximately 16 oz. (454 grams).



NEPF1A - Stamped Crimp Aluminum Parallel Splice.
Crimp in line abutting cable splicer

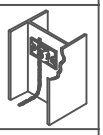
NEPF2A - Stamped Crimp Aluminum "Tee" Splice.
Crimp perpendicularly dissecting cable splicer.
NEPF2C - Stamped Copper



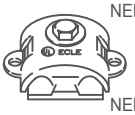


NEPF3A - Stamped Crimp Aluminum Splice.
Crimp in line abutting cable splicer

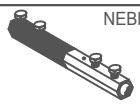
NEBF8A - 2-Way Bonding Plate
Cast aluminum, 8–square–inch bonding plate $2\frac{1}{16}$"X4" (52.4mmX101.6mm); approximately 3.8 oz. (108 grams).
NEBF8B - Cast bronze; approximately 10.3 oz. (292 grams).



NEBF9A - Bonding Clamp
Cast aluminum, 4–square–inch bonding clamp with bolt pressure cable holder. Approximately 3 oz. (85 grams).
NEBF9B - Cast bronze,
Approximately 9 oz. (255 grams).

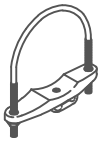


NEBF16A - Bonding Plate
Cast aluminum secondary bonding plate. $1\frac{7}{8}$"X$2\frac{1}{2}$" (47.63mmX63.5mm); approximately 2.6 oz. (73.7 grams).
NEBF16B - Cast bronze; approximately 7.1 oz. (201 grams).



NEBM3 - Bimetallic 4-Bolt Straight Splicer
For joining aluminum and copper cables. $3\frac{1}{2}$"X$\frac{3}{4}$" (89mmX19mm) hex; approximately 6 oz. (170 grams).

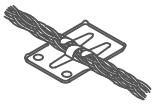
NEBM100 - Bimetallic Round To Round Patent Pending
Cast bimetallic clamp for joining 2 dissimilar cables. $\frac{1}{2}$Aluminum, $\frac{1}{2}$bronze and a stainless steel spacer. Specifically for cable splices on single membrane roofs. $1\frac{9}{16}$"X$1\frac{3}{4}$" (39.69mmX44.45mm); approximately 6 oz. (170 grams).



NEPC*UA - U-Bolt Clamp
Cast aluminum pipe clamp. Fits up to 6.75" (171.45mm) O.D. pipe. Stainless steel U–bolt, nuts and washers. From 5oz. (142 grams) to 14 oz. (397 grams).
NEPC*UB - From 9oz. (255 grams) to 2 lbs. 5.4 oz. (1060 grams).

NEFL2A - Fastener Loop
$\frac{1}{4}$" hole, Medium stamped aluminum loop. Use with class I conductors.
NEFL2C - stamped copper loop.

NEFL4A - Stamped Adhesive Crimp Aluminum Loop.
For use on built–up, single membrane or other flat roof surfaces where mechanical penetrations must be avoided. Use with adhesives compatible to roof surface. $2\frac{1}{4}$"X$3\frac{1}{2}$" (57mmX89mm); approximately .8 oz (23 grams).
NEFL4C - Stamped Copper Loop. approximately 1.4 oz (40 grams).



Perimeter: 1079'
Max Height: 47'

LEGEND:

CONDUCTOR CABLE:

AIR TERMINAL:

BOND:

CONNECTION TO EXISTING DOWN LEAD:

NOTES:

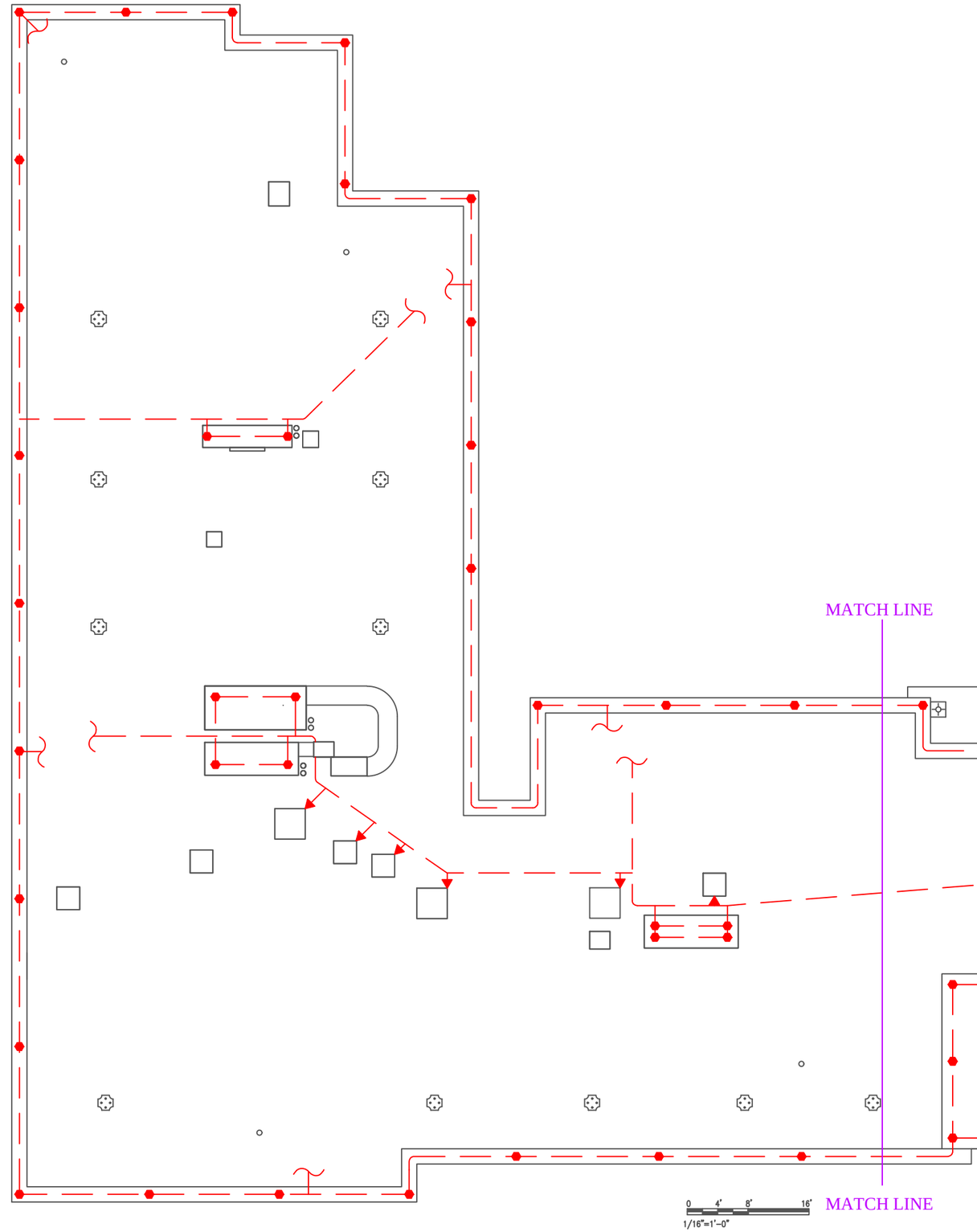
This design includes only those penetrations (pipes, vents, fans, cameras, antennas, etc) shown on the lightning protection bid documents. Any additional lightning protection needed will require a signed Change Order.

Provide continuity to all metallic and/or electrically grounded bodies within 6 feet of the main lightning protection conductor.

Any special roof adhesion/stripping is by others.

NELP will strip and dispose of the roof top lightning protection system before re-roofing. After roof work is complete, NELP will re-install a new roof top lightning protection system. This system relies on existing down leads, surge protection, grounding and bonding. Through roof units must be maintained and preserved during the re-roofing process.

Lightning protection system component locations may be altered in field dependant on site conditions.



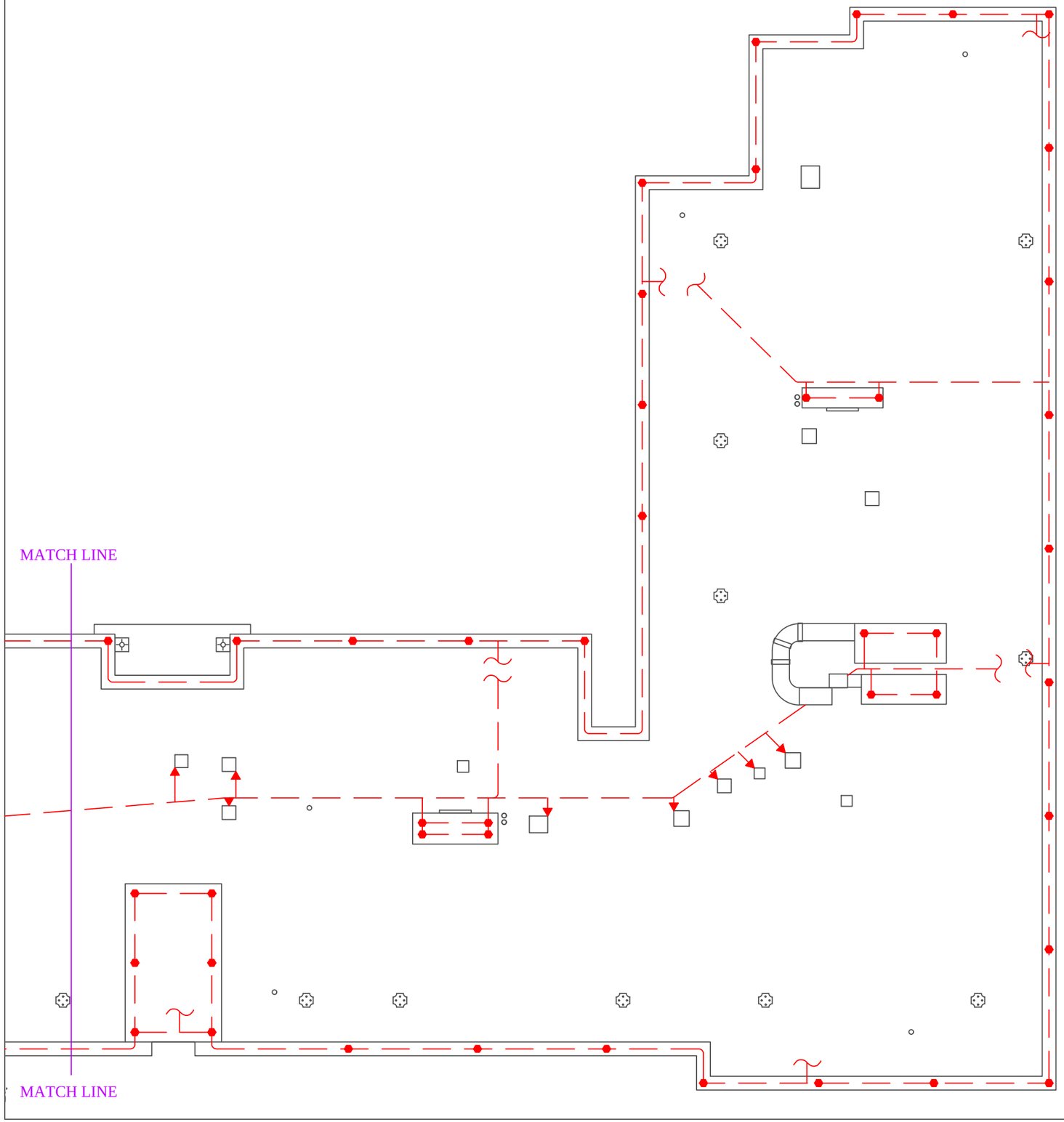
Ripley Hall B1372
690 Peary Street
Newport, RI 02841

James G Barnard
Lightning Protection Institute Master Designer#1074
UL Installation: # EB3972
NECA: # 15867

Northeast Lightning
10 Pelara Road
Bloomfield, CT. 06002
Tel. (860) 243-0010
Fax. (860) 242-1266

DATE	SCALE	SHEET	REV
3/22/2025	$\frac{1}{16}$"=1'	1/2	A

Perimeter: 1079'
Max Height: 47'



LEGEND:

CONDUCTOR CABLE:

AIR TERMINAL:

BOND:

CONNECTION TO EXISTING DOWN LEAD:

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Lightning protection system component locations may be altered in field dependant on site conditions.

0 4' 8' 16'
1/16"=1'-0"

Ripley Hall B1372
690 Peary Street
Newport, RI 02841

James G Bansard
Lightning Protection Institute Master Designer#1074
UL Installation: # E83972
NECA: # 15867

Northeast Lightning
10 Peters Road
Bloomfield, Ct. 06002
Tel. (860) 243-0010
Fax. (860) 242-1266

DATE	SCALE	SHEET	REV
3/22/2025	$\frac{1}{16}$"=1'	2/2	A

BUILDING VALUE

VERSICO ROOFING SYSTEMS

Inspection Report

Job Information

NAVAL STATION NEWPORT RIPLEY HALL BUILDING 1372 ROOF REPLACEMENT
440 MEYERKORD AVE.
NEWPORT RI 02841

Job #: 1676107
Job Start: 6/6/2025
Job Completion: 11/17/2025
Date Inspected: 11/17/2025

Authorized Applicator
TRIUMPH ROOFING INC
46 ELM STREET
BALDWINVILLE MA 01436-1082
Ph: 774-345-0826
Fax:
triumphroofinginc@yahoo.com

Facility Owner: DEPARTMENT OF THE NAVY
System: ADHERED
Material: 80-MIL VERSIFLEX PVC
Total Square Feet: 26240
EB: No
System Warranty: 20 years
Wind Speed: 150.0 mph

Inspection Summary

Inspection #	Field Service Rep	Attending Roofer	Approved	Re-inspection
1	Greg Brown	Rich	Pending Repairs	No

Repair Summary

1. 9 - TERMINATION, Missing sealant on top of termination bar
Repair: Apply Universal Sealant to top of termination bar.

2. 2 - SPLICE, T-joint Cover missing
Repair: Clean area with PVC Cleaner. Weld a non-reinforced T-Joint Cover as per TPC-2 detail.

3. 2 - SPLICE, Cold Weld
Repair: Clean affected area with PVC Cleaner. Hot air weld open seam as per detail. If 1-1/2" hot air weld cannot be achieved,, install VersiFlex Flashing surface splice extending 1 ½" to 2" past any cut or open areas as per detail. Probe welded edges once cooled.

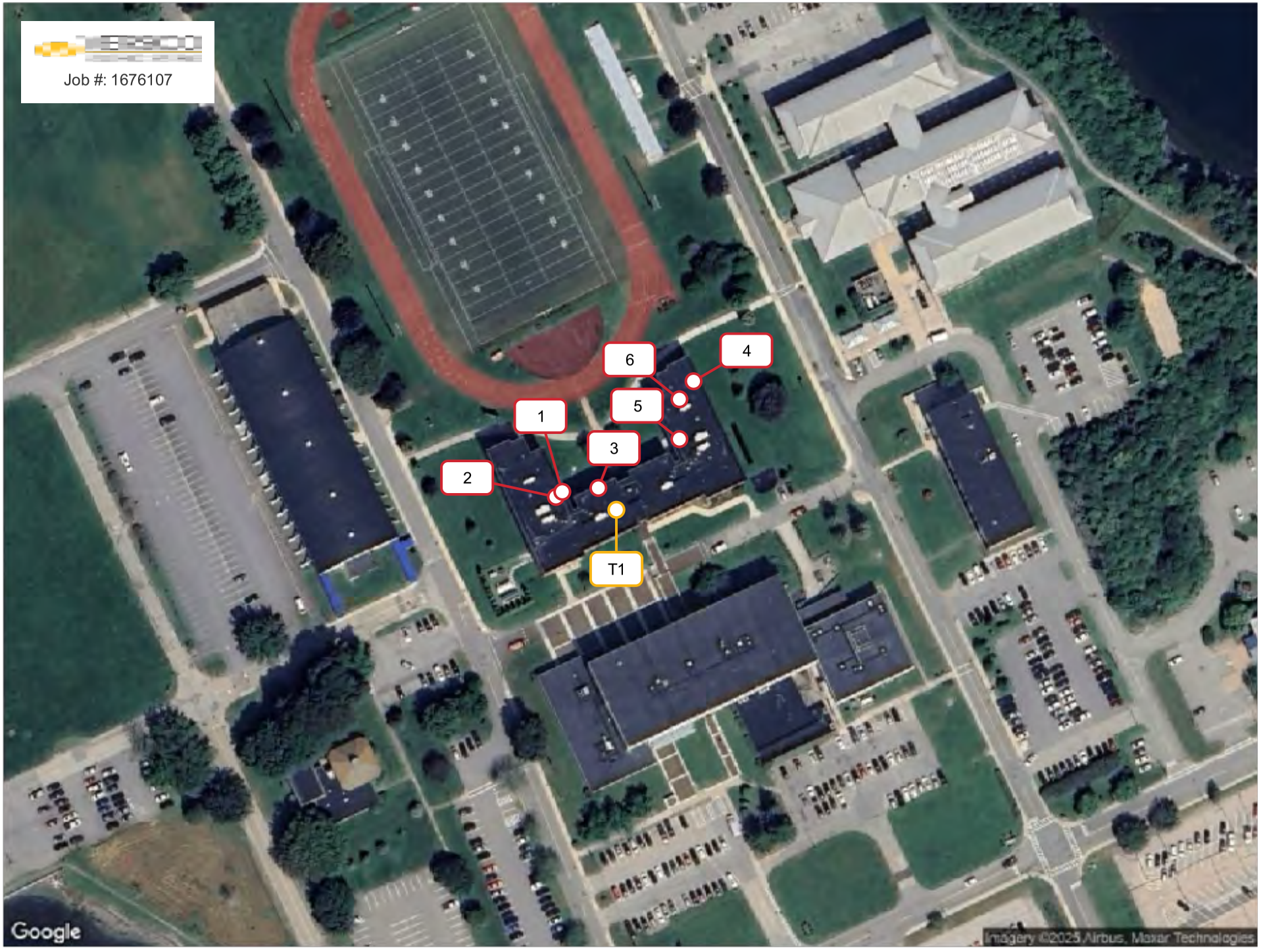
4. 2 - SPLICE, Cold Weld
Repair: Clean affected area with PVC Cleaner. Hot air weld open seam as per detail. If 1-1/2" hot air weld cannot be achieved,, install VersiFlex Flashing surface splice extending 1 ½" to 2" past any cut or open areas as per detail. Probe welded edges once cooled.

5. 2 - SPLICE, T-joint Cover missing
Repair: Clean area with PVC Cleaner. Weld a non-reinforced T-Joint Cover as per TPC-2 detail.

6. 9 - TERMINATION, Missing sealant on top of termination bar
Repair: Apply Universal Sealant to top of termination bar.

If the Approved Field is YES, no further action is needed. If repairs are required, please date and sign and return the form when complete. I hereby represent, with full intention that Versico justifiably rely hereupon in the issuance of its warranty, that the project described above now conforms in its entirety with all Versico specifications, details and installation instructions. Please return signed report via email to repairforwarranty@carlisleccm.com or sign electronically through the warranty portal by entering the repair date under "Outstanding Repairs for Warranty" via www.versico.com

REPAIRS COMPLETED ON: _____ SIGNATURE: _____


Job #: 1676107
1
2
3
4
5
6
T1
Google
Imagery ©2025 Airbus, Maxar Technologies

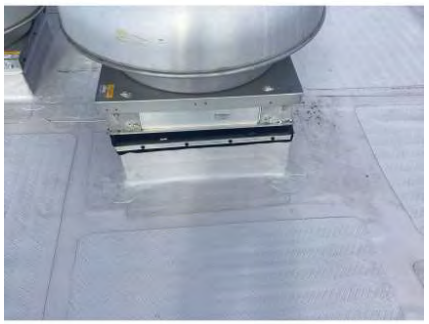
Notes

T1 View of roof

Condition 1 Missing sealant on top of termination bar

PVC > 9 - TERMINATION: Missing sealant on top of termination bar

Repair: Apply Universal Sealant to top of termination bar.



Condition 2 T-joint Cover missing

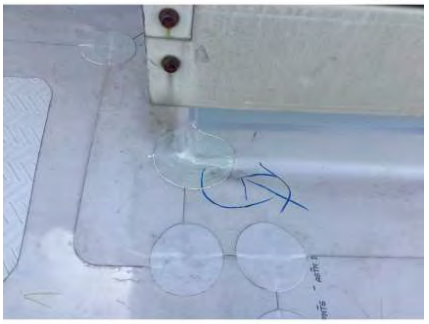
PVC > 2 - SPLICE: T-joint Cover missing

Repair: Clean area with PVC Cleaner. Weld a non-reinforced T-Joint Cover as per TPC-2 detail.

Condition 3 Cold Weld

PVC > 2 - SPLICE: Cold Weld

Repair: Clean affected area with PVC Cleaner. Hot air weld open seam as per detail. If 1-1/2" hot air weld cannot be achieved,, install VersiFlex Flashing surface splice extending 1 ½" to 2" past any cut or open areas as per detail. Probe welded edges once cooled.



Condition 4 Cold Weld

PVC > 2 - SPLICE: Cold Weld

Repair: Clean affected area with PVC Cleaner. Hot air weld open seam as per detail. If 1-1/2" hot air weld cannot be achieved,, install VersiFlex Flashing surface splice extending 1 ½" to 2" past any cut or open areas as per detail. Probe welded edges once cooled.

Condition 5 T-joint Cover missing

PVC > 2 - SPLICE: T-joint Cover missing

Repair: Clean area with PVC Cleaner. Weld a non-reinforced T-Joint Cover as per TPC-2 detail.

Condition 6 | Missing sealant on top of termination bar

PVC > 9 - TERMINATION: Missing sealant on top of termination bar

Repair: Apply Universal Sealant to top of termination bar.

NORTHEAST LIGHTNING PROTECTION, LLC.

10 PETERS ROAD, BLOOMFIELD, CT 06002
TELEPHONE (860) 243-0010 WWW.NORTHEASTLIGHTNING.COM

TESTING FORM

11/11/2024

Enfield Enterprises, Inc.
30 Magazine Place
Springfield, MA 01104

Attn: Jasper McCoy

Thank you for the opportunity to test the lightning protection system at the Newport Naval Ripley Hall B1372. The system is a "Faraday Cage" type LP system consisting of 5 crucial elements:

- Air Terminals
- Conductors
- Bonding
- Grounding
- Surge Protection

Air terminals are placed on the highest parts of a structure base on a 150' strike radius. They are required to be placed within 24" of any outer most edge and 10" above the object being protected. Generally, these are spaced 20' apart on parapets and at the crossing of a 50' grid in the roof interior. An air terminal must be compatible with the 3 items it is in contact with. (Base, cable and mounting surface)

Conductors connect the air terminals to each other and to ground. The cable is fastened at not more than 36" spacings. Each air terminal requires 2 paths (an air terminal may be dead ended 8' or less). The cable must go to ground at not less than 100' average of perimeter. The cable must maintain a horizontal or downward course free from tight radius bends. An 8" radius is the tightest bend allowed. "UP" to ground requires a 3/12 pitch.

Bonding is an important part of the LPS. Any 'body of inductance' within a 6-foot side flash distance shall be bonded to the LPS. Any grounded system or underground pipe system must be connected to the LPS at the grade. All 'bodies of conductance' must have air terminals and be bonded to the system.

Grounding is required at the bottom of each down conductor and shall be a dedicated electrode or loop conductor. Where structural steel is used as the main down conductor, it shall be bonded to viable grounding at not less than 60' average spacing around the perimeter.

Surge Protection is required at each incoming service disconnect for the electric, CATV, TELCO, etc.

The National Standards the LPS conform to are: LPI 175, UL 96A and NFPA 780.

RESISTANCE TESTING:
When performing resistance tests, a variety of issues can cause erroneous results, among them:

- Metal pipes that are bonded to ground are under the area of the test electrodes.
- The utility phase and ground conductors are underground in the vicinity of the test area.
- Electrodes under test are bonded to another grounded system or steel/ rebar/ metallic items.
- The ground under test has been salted or recently excavated and backfilled.

AEMC 4620 Ground Tester Microprocessor Controlled Universal Earth Resistance Meter. Measuring Range is 0-2000 ohms. Operating frequency is 128 Hz square wave. The operating temperature is 14 to 131 degrees F.

Test voltage is applied without disconnecting the ground rod or direct electrical connection by means of a clamp on current transformer. The reference used is the actual resistance of the ground system upstream of the electrode under test.

Downlead Testing
(Clockwise from Penthouse Door)

Location	OHMs
a.	.077 L
b.	.14 L
c.	.20 L
d.	.16 L
e.	.13 L
f.	.12 L
g.	.068 L
h.	.097 L
i.	.13 L
j.	.17 L
k.	.093 L
l.	.12 L

Weather: Overcast
Temperature: 71F

Last Rain/Snow: >48hrs.
Soil Type: Glacial Till

COMMENTS:
If the downlead penetrations are preserved during the reroofing process, then can be reused at the time of install for grounding. These readings with "L" suffix indicate a "Loop" or a short circuit and may be used as indication that the leads run down to the counterpoise system, or steel framework and back to the roof in a complete circuit. These are not true resistance to earth readings. Readings indicate the grounding is tied directly to steel with very little resistance.

Kevin J. Barnard
LPI Master Designer #1666
LPI, LSA Member, NFPA, AEMC Certified

Lightning Protection Institute – Inspection Program

333 Peterson Road, Suite F
Libertyville, Illinois 60048

January 05, 2026

Northeast Lightning Protection, LLC
10 Peters Road
Bloomfield CT 06002

Newport Naval Academy B1372 Ripley Hall
1 Simonpietri Drive
Newport RI 02841
Limited Scope A25-24329

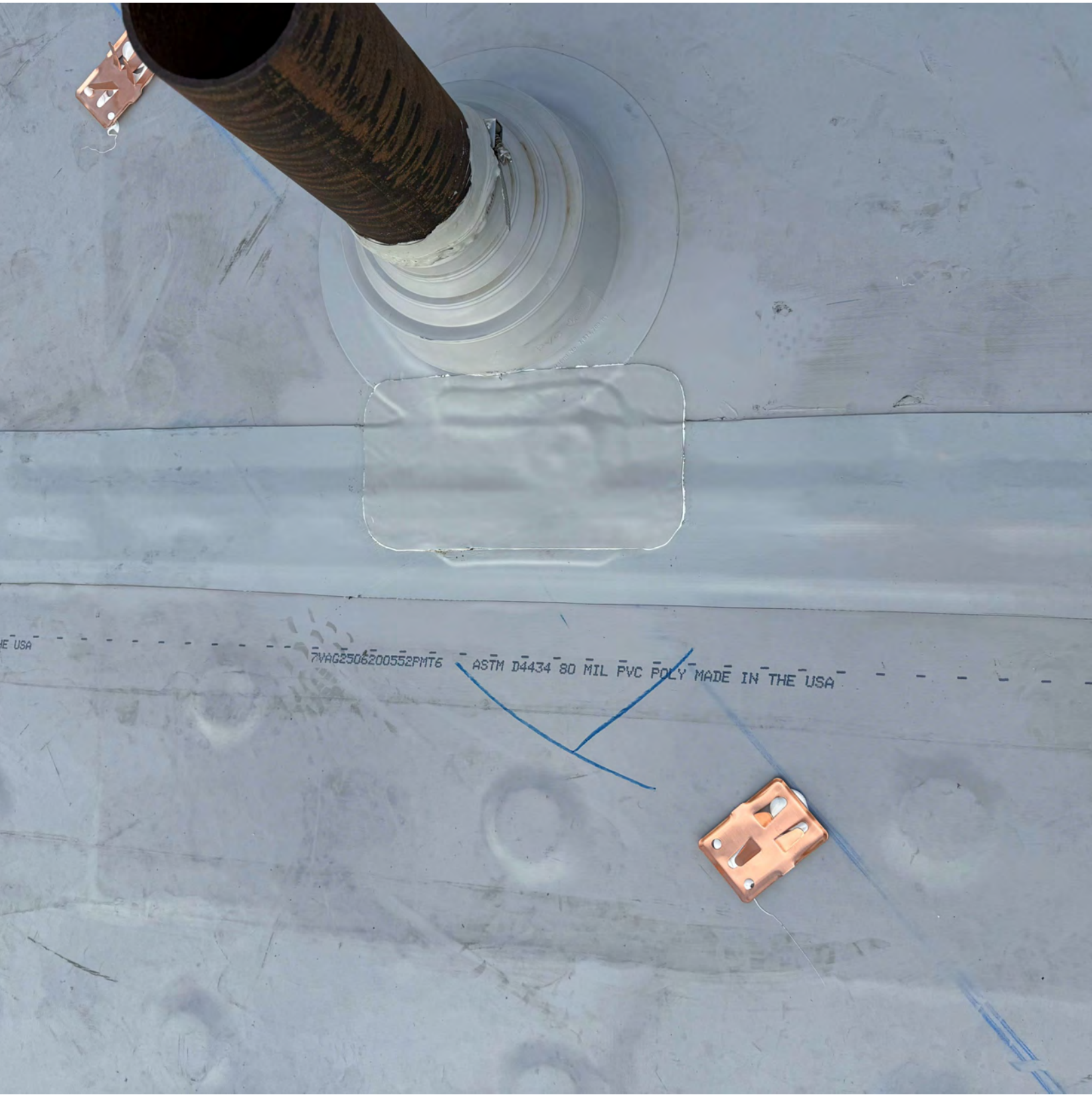
Northeast Lightning Protection, LLC has submitted to the Lightning Protection Institute Inspection Program, Inc. (LPI - IP) a Limited Scope Application for the subject property on December 23, 2025. The application requests that the LPI-IP reviews the project for compliance to the UL96A Standard current edition.

The scope is limited to inspecting the rooftop lightning protection system only, excluding railings and safety flag poles as shown on the as-built drawing submitted with application A25-24329. The rooftop lightning protection system was connected to existing down conductors and grounds which are excluded from the scope.

The lightning protection system, excluding surge suppression, outlined in the limited scope has been duly reviewed and found to be in conformance with the requirements of the named standards. All required documents, duly signed, and necessary inspections have been reviewed and placed on file.

Rob Parrinelli
Manager of Inspections and Training

PVC


HE USA
7VAG250620055 2PMT6 ASTM D4434 80 MIL PVC POLY MADE IN THE USA

Seal

Enfield
Enterprises LLC

Wednesday, February 25, 2026

RE:

DB B1372 Roof Replacement
Seeding

This Letter shall serve as notice that EEI will return to the jobsite as the season and weather permits to seed lawn areas that have been disturbed during the project.

Corporate Office: 30 Magaziner Place Springfield, MA 01104-3328

FL Regional Offices:
NAS Pensacola
27 West Romana St
Pensacola FL 32502

FL Regional Offices:
Eglin AFB
28 Kelly Avenue
Fort Walton Beach, FL 32548

FL Regional Offices:
Tyndall AFB
5618 Lilly Street
Panama City, FL 32404

LA Regional Office:
278 General Patton Ave
Suite 600
Mandeville, LA 70471

NY Regional Office:
227 Kingsley Road,
Suite 26
Burnt Hills, NY 12027

Phone: 866-788-2688 Fax: 413-788-2479