

INVITATION TO BID

Date: March 28, 2024

Project: **Cedar Lane Arts Center – Roof Replacement**
Town of Ossining Parks Department
235 Cedar Lane
Ossining, NY 10562



You are invited to submit your bid to perform work in accordance with the attached Outline Scope of Work and related drawings and specifications, prepared by Russel Watsky, Inc. Please submit your bid in writing as indicated on the Bid Form.

The consultant will be on site for an optional pre-bid walkthrough on Thursday April 4, 2024, at 10:00.

Bids are due by 10:00 on April 24, 2024 when they will be opened publicly.

A contract will be awarded for performance in summer/fall 2024.

Contact the Owners' Representative or Russel Watsky with any questions concerning the bid or scope of work.

- Owners' Representative:
Andrew Tiess
Cell: 914-760-2423
Email: ATiess@villageofossining.org

Bid Form

Project: **Cedar Lane Arts Center – Roof Replacement**
Town of Ossining Parks Department
25 Cedar Lane
Ossining, NY 10562

Send Bid To: Town of Ossining
Attn: Susanne Donnelly, Town Clerk
16 Croton Avenue, First Floor.
Ossining, NY 10562

Bidder: Name _____
Address _____

Phone _____
email _____

The Bidder hereby submits this bid, and agrees to furnish all labor, supervision, materials, supplies, tools, permits, and equipment necessary to perform all work in strict accordance with the Outline Scope of Work by Russel Watsky, Inc. dated March 28, 2024, including related documents.

Bids are due April 24, 2024, at 10:00 a.m. at the office of the Town Clerk (16 Croton Avenue, First Floor, Ossining, NY 10562).

The undersigned agrees to execute a Contract for the amount stated.

Signature of Officer Title Print Name Date: _____

Base Bid: Replacement of roofing – Lump Sum

Date: March 28, 2024

Project: **Cedar Lane Arts Center** – Flat Roof Replacement
Town of Ossining Parks Department
235 Cedar Lane
Ossining, NY 10562

Contacts:	Phone
Andrew Tiess	Cell: 914-760-2423 Email: ATiess@villageofossining.org

Summary:

The project includes overlaying of existing granular-surfaced roofing, followed by installation of self-adhered Polyglass granular SBS membrane, and related flashings. Also included is replacement of the textured shingles on the sloped roof. All work to be performed in accordance with the following “Outline”, accompanying drawings and specifications, manufacturer’s instructions for each product, and with industry standards as defined by the NRCA Roofing and Waterproofing Manual, or SMACNA. Contractor to provide all materials and equipment, including scaffolding, lifts, staging, as needed to perform a complete job.

General Requirements:

1. By submitting a bid, the contractor agrees to enter a contract with the Town of Ossining for the bid price, subject to the terms provided in the Bid Documents and any other terms deemed reasonable and necessary by the Town.
2. Wage Rates: prevailing wages will be required on this project.
3. Permits: A building permit will not be required for this project
4. Maintain the building watertight as work progresses.
5. Debris must be removed in a controlled manner. Clean the site daily, including interior protection, to remove debris, litter, nails, etc.
6. Protect the building from damage, dust, debris, etc. Leave site clean at completion of the Project, and repair any damage to walls, sidewalks, landscaping, etc.
7. Maintain fire protection on site at all times.
8. Schedule and coordinate Work to minimize disruption of normal activities; the building will remain occupied during construction.

9. **Payment for Work:** Contractor to submit a schedule of values for approval, prior to start of work (using AIA form 703). Requisitions for payment may be submitted monthly (using AIA form G702). The Owner will make payment within 30 days. 10% retainage will be withheld from each payment. Final payment will be made when punch-list work is complete, and Owner has been provided with all warranties and releases of lien.
10. The Owner must be notified of any conditions that require extra work that will result in additional pay. Notice to proceed with additional work will be given in writing.
11. Any subcontractors included in the project must possess the requisite licensing and insurance coverage commensurate with the job. Owner must be notified of the use of any sub-contractors.
12. Bidders are responsible to familiarize themselves with existing conditions prior to bidding.

Outline Scope of Work (see also accompanying technical specifications)

1. **Removal:** Remove unused AC compressor and related pitch-pocket. Patch openings in deck. Prior to start of work, the Town of Ossining will arrange for the refrigerant to be properly removed. Remove existing asphalt shingles at both sloped roofs.



2. **Roofing System:** Install **Polyglass** self-adhered roofing system in accordance with attached specifications. The assembly will consist of the following:
 - Install coverboard consisting of 1/4" **Polyboard E** attached with **Polyglass LRF M** foam adhesive.
 - Install self-adhered **Polyglass** base sheet consisting of **Elastoflex SA Base**.
 - Install **PolyfreskoG SBS SA** (bright white) granular cap-sheet.
 - Pipes, curbs, and other penetrations to be flashed with **Polyflash 1C** (one-component moisture-cure silane-modified polyurethane) with **Polybrite Polyester** reinforcement.

3. **Roof Edge:**

- Remove existing copper coping.
- Extend roofing base-ply over the edge per attached detail.
- Install stripping ply



- Install **copper gravel-stop** .
 - Extend granular cap-sheet over the top of the wall to tie-in to the flange of the gravel-stop.
4. **Long Skylight:** Remove existing skylight, add wood blocking to raise the curb approximately 3½". Flash the curb and re-install the skylight.



5. **Square Skylights (4):** Re-use existing skylights. Flash curbs with **Polyflash 1C and Polybrite Polyester** reinforcement.



6. **Exhaust Fan Curb:** Remove exhaust fan, flash curb, and re-set the fan.
7. **Drains:** At each existing cast-iron drain, remove clamping ring, tie-in drain with Polyglass PMMA flashing, and re-install clamping ring. At supplemental drain, remove existing sleeve, install Oly-Flow retro drain, and tie-in with PMMA.



8. **Chimney:** Remove existing copper cladding at sides of chimney, and remove existing asphalt shingles. Install new self-adhered base-flashings at all four sides per attached detail; flash corners with Polyflash 1C and fabric. Install new 16-oz copper cap-flashing, and double-lock standing-seam.



9. **Tie-in to Sloped Roofing:** Install new asphalt shingles to lap over the new self-adhered base-flashing.



10. **Sloped Roofs:** Remove existing shingles at both sloped roofs, and dispose of debris.
- Install new ice-shield 6-feet wide at eave; include full ice-shield at shallow-sloped roof.
 - Install GAF Tiger Paw synthetic underlayment.
 - Install brown aluminum drip-edge
 - Install **GAF Timberline HDZ** shingles to match existing color.
 - At vent-pipe, install Lifetime Ultimate Vent-Pipe Flashing.
 - Re-use existing ventilators.
 - At shallow-sloped roof, install all related flashings at the wall.
11. **Warranty:** Provide contractor's warranty for defects in material or workmanship for a period of 3 years, per attached sample. Provide manufacturer's 20-yr system warranty, including provision that ballasted solar panels may be placed on roof along with walkway pads without compromising the warranty (additional inspection may be required at additional cost to the owner.)

Polyglass U.S.A., Inc.

CORPORATE OFFICE

1111 WEST NEWPORT CENTER DRIVE
DEERFIELD BEACH, FL 33442
(954) 233-1330 • FAX (954) 418-4453
polyglass.us



April 13, 2023

To: TBD
Re: Cedar Lane Arts Center
235 Cedar Ln
Ossining, NY 10562

This is to confirm the roofing assemblies as noted below are approved and eligible for a Twenty (20) Year Polyglass NDL Roof System Warranty (RSW) when installed by a current Polyglass Preferred or Quantum Contractor in good standing:

Roof Deck:	Existing Granulated Modified Bitumen Roof System
Coverboard:	Polyboard E, Min. ¼"; A multi-ply, semi-rigid asphaltic panel
Coverboard Attachment:	Polyglass LRF M at a minimum rate of continuous 0.25 to 0.5-inch wide ribbons, 12-inch o.c.
Base Membrane:	Elastoflex SA Base (Self Adhered); ASTM D6164, Type 1, Grade S
Top Membrane:	Polyfresko G SBS SA (Self Adhered); ASTM D6164, Type I, Grade G
Penetrations & Wall Flashings:	Polyflash 1C; One-component, moisture-cure silane-modified polyurethane with Polybrite Polyester reinforcement

In consideration of the above-proposed roof system assemblies, it is Polyglass' intent to issue up to a Twenty (20) Year Polyglass NDL Roof System Warranty (RSW) upon successful completion of the project by a current Polyglass Preferred or Quantum Contractor, installed to Polyglass published installation requirements, and at such time all proper documentation is provided, any pertinent required fees are received, and any required final Roof Observation and Punch List items are completed to the satisfaction of Polyglass Technical Services. All standard Terms and Conditions of the Polyglass NDL Roof System Warranty (RSW) apply.

Thank you for your consideration of Polyglass roofing systems and products.

Sincerely,

Scott Hillard, RRO, CERTA Trainer
Technical Services Design Specialist
Polyglass USA, Inc.
561-797-0280
shillard@polyglass.com | www.polyglass.us

MANUFACTURING FACILITIES

Page 1 of 1

555 OAK RIDGE ROAD
HAZLETON, PA 18202
(800) 894-4563

1231 AMERICAN SUPERIOR BLVD
WINTER HAVEN, FL 33880
(866) 802-8017

1701 EXCHANGE PARKWAY
WACO, TX 76712
(254) 405-6868

5301 WEST MOHAVE STREET
PHOENIX, AZ 85043
(602) 253-1168

150 LYON DRIVE
FERNLEY, NV 89408
(775) 575-6007



SECTION 07 52 00
MODIFIED BITUMINOUS SHEET ROOFING

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Modified bituminous membrane Self adhered roofing.

1.2 CODE AND TEST REQUIREMENTS

- A. Cool Roof Rating Council (CRRC) Reflectivity/Thermal Emittance: Minimum requirements when tested according to CRRC-1
 - 1. Initial Solar Reflectance Index (SRI): Not less than 96.
 - 2. Thermal Emittance: Not less than 0.90.
- B. LEED: Roof system to meet reflectivity and emissivity criteria to qualify for one point under the LEED credit category, Credit 7.2, Sustainable Sites - Heat Island Reduction (Roofs).

1.3 SUBMITTALS

- A. Product Data: Manufacturer's data sheets on each product to be used, including:
 - 1. Preparation instructions and recommendations.
 - 2. Storage and handling requirements and recommendations.
 - 3. Installation instructions.
- B. Shop Drawings: Shop drawings including installation details of roofing, flashing, fastening and insulation, including notation of roof slopes and fastening patterns of insulation and base modified bitumen membrane, prior to job start.
- C. Closeout Submittals: Manufacturer's maintenance instructions including recommendations for periodic checking and adjustment of cable tension and periodic cleaning and maintenance of all railing and infill components.

1.4 QUALITY ASSURANCE

- A. Perform Work in accordance with NRCA Roofing and Waterproofing Manual.
- B. Manufacturer Qualifications: Company specializing in manufacturing specified products specified with ten years documented experience.
- C. Installer Qualifications: Company specializing in performing Work of this section with three years documented experience and approved as a Registered Applicator by the Modified Bituminous Membrane Roofing manufacturer.

1.5 PRE-INSTALLATION MEETINGS

- A. Convene minimum one week prior to commencing Work of this section.
- B. Review installation procedures and coordination required with related Work.
- C. Inspect and make notes of job conditions prior to installation:

1. Record minutes of the conference and provide copies to all parties present.
2. Identify outstanding issues in writing designating the responsible party for follow-up action and the timetable for completion.
3. Installation of roofing system shall not begin until all outstanding issues are resolved to the satisfaction of the Architect.

1.6 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store products in manufacturer's unopened packaging with labels intact until ready for installation.
- B. Store all roofing materials in a dry place, on pallets or raised platforms, out of direct exposure to the elements until time of application. Store materials at least 4 inches above ground level and covered with "breathable" tarpaulins.
- C. Stored in accordance with the instructions of the manufacturer prior to their application or installation. Store roll goods on end on a clean flat surface. No wet or damaged materials will be used in the application.
- D. Store at room temperature wherever possible, until immediately prior to installing the roll. During winter, store materials in a heated location with a 50 degree F minimum temperature, removed only as needed for immediate use. Keep materials away from open flame or welding sparks.
- E. Avoid stockpiling of materials on roofs without first obtaining acceptance from the Architect/Engineer.
- F. Adhesive storage shall be between the range of above 40 degree F and below 80 degree F. Area of storage shall be constructed for flammable storage.

1.7 COORDINATION

- A. Coordinate Work with installing associated metal flashings as work of this section proceeds.

1.8 PROJECT CONDITIONS

- A. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

1.9 WARRANTY

- A. Roofing System Warranty: Upon completion of Work, written and signed, warranting that, if a leak develops in the roof during the term of this warranty, due either to defective material or defective workmanship by the installing contractor, the manufacturer shall provide the Owner, at Manufacturer's expense, with no dollar limit, the labor and material necessary to return the defective area to a watertight condition.
 1. Warranty Period: 20 years from date of acceptance.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: Polyglass USA, Inc., which is located at: 1111 W. Newport Center Dr.; Deerfield Beach, FL 33442; Toll Free Tel: 888-410-1375; Tel: 954-233-1330; Fax: 954-418-4453; Web: <https://polyglass.us>
- B. Requests for substitutions must be included with bid.

2.2 DECK COVER BOARD

1. **Polyboard E**, multi-ply, semi-rigid asphaltic panel
 - a. Board Thickness: 1/4 inch.

2.3 MODIFIED BITUMINOUS ROOFING MEMBRANE

A. Base Sheet:

1. Application Method: Self-Adhered.
2. SA (Self-Adhered) Membranes:
 - a. SBS (Styrene-Butadiene-Styrene) Membranes:
 - 1) **Elastoflex SA Base**: Grade: Smooth; ASTM D6164, Type I; Self Adhered; UL/FM Classified; Available in FR. Nom. Thickness: 810 mils.

B. Cap Sheet:

1. Application Method: Self-Adhered.
2. SA (Self-Adhered) Membranes:
 - a. SBS (Styrene-Butadiene-Styrene) Membranes:
 - 1) **Polyfresko G SBS SA**: Grade: Highly Reflective Granules; ASTM: D6164 Type I; Self Adhered; UL/FM Classified; Available in FR; SRI 96. Nom. Thickness: 142 mils.
3. Color for Granulated Cap Sheet: Highly Reflective White Polyfresko.

2.4 FLASHING MEMBRANE

- A. Metal Flashing Conditions: Minimum 9 inch wide base/interply stripping sheets.
- B. Roof to Wall Flashings: Minimum of 1 ply of base/interply as reinforcement and cap sheet for all flashing systems.

2.5 LIQUID APPLIED FLASHING

- A. **Polyflash 1C**: one-component, moisture-cure silane modified polyurethane, white flashing compound
 1. Must be installed in 3-course fashion using **PolyBrite Reinforcing Polyester Fabric**.

2.6 FASTENERS

- A. Fasteners and Plates: Provide FM Approved fasteners and plates and other devices as required to suit the system specified.
- B. Wood: Roofing nails of galvanized or stainless steel, of length to penetrate the wood by at least 3/4 inch on flashings and parapet walls.
- C. Masonry: Nail-in expansion type device with zinc body, plated steel nail, and mushroom head or approved equal and of length to embed into the masonry a minimum of 1 inch.

2.7 PRIMER

- A. Asphalt Primer: **Polyglass PG100 Asphalt Primer** conforming to ASTM D41.
 1. Applied on all dissimilar materials except insulation.
 2. General purpose penetrating asphalt primer used to promote adhesion prior to the application of hot-mopped, cold-applied, and self-adhesive membrane systems as well as roof cements, mastics, and asphalt-based adhesives.

2.8 MISCELLANEOUS

- A. Coverboard Adhesive:
 1. **Polyglass LRF**, Low rise foam insulation adhesive

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. Inspect and approve the deck condition, slopes and fastener backing if applicable, parapet walls, expansion joints, roof drains, stack vents, vent outlets, nailers and surfaces and elements.
- C. Verify that work penetrating the roof deck, or which may otherwise affect the roofing, has been properly completed.

3.2 SUBSTRATE/PREPARATION

- A. General: Clean surfaces thoroughly prior to installation.
 - 1. Prepare surfaces using methods recommended by manufacturer for achieving the best result for the substrate under the project conditions.
 - 2. Fill substrate surface voids that are greater than 1/4 inch (6 mm) wide with an acceptable fill material.
 - 3. Roof surface to receive roofing system to be smooth, clean, free from loose gravel, dirt and debris, dry and structurally sound.
 - 4. Wherever necessary, surfaces to receive roofing materials are to be power broomed and vacuumed to remove debris and loose matter prior to starting work.
 - 5. Do not apply roofing during inclement weather. Do not apply roofing membrane to damp, frozen, dirty, or dusty surfaces.
 - 6. Prime decks where required, in accordance with requirements and recommendations of the primer and deck manufacturer.
- B. Re-Cover Applications:
 - 1. Remove existing roof flashings from curbs and parapet walls down to the surface of the roof. Remove existing flashings at roof drains and roof penetrations.
 - 2. Remove wet, deteriorated, blistered or delaminated roofing membrane or insulation and fill in any low spots occurring as a result of removal work to create a smooth, even surface for application of new roof membranes.
 - 3. Install new wood nailers as necessary to accommodate insulation/recovery board or new nailing patterns.
 - 4. Existing roof surfaces shall be primed as necessary with asphalt primer meeting ASTM D41 and allowed to dry prior to installing the Polyglass roofing system.

3.3 INSTALLATION

- A. Install modified bitumen membranes and flashings in accordance with manufacturer's instructions and with the recommendations provided by the National Roofing Contractors Association's Roofing and Waterproofing Manual, the Asphalt Roofing Manufacturers Association, and applicable codes.
- B. General: Do not installing modified bitumen membranes at temperatures lower than 40 to 45 degrees F wherever practicable. Where work is unavoidable at such temperatures the following precautions be taken:
 - 1. Take extra care during cold weather installation at ambient temperatures of 40 to 45 degrees F or below and when ambient temperatures are affected by wind or humidity, to ensure adequate bonding is achieved between the surfaces to be joined. This applies to both material seam welds and adhesion of the applied product to the appropriately prepared substrate as the substrate can be affected by such

- temperature constraints as well.
2. In addition, unrolling of cold materials, under very low ambient conditions must be avoided to prevent the likelihood of unnecessary stress cracking. Rolls must be at least 40 degrees F at the time of application. Should the membrane roll become stiff or difficult to install, it should be replaced with a new roll from the heated storage area.
- C. Commence installation of the roofing system at the lowest point of the roof (or roof area), working up the slope toward the highest point. Lap sheets shingle fashion to constantly shed water.
- D. Base and Inter-ply Sheet Installation:
1. Install in a manner approved for the specific product, e.g. fully adhered as self-adhered or with asphalt adhesive, torch applied or mechanically attached.
 2. Base or Inter-ply side laps are to be 3 inch minimum and usually delineated by a "lay line" for self-adhered application. End laps are typically 6 inches in all cases.
- E. Cap Sheet Installation:
1. Install in a manner approved for the specific product, e.g. fully adhered as self-adhered or with asphalt adhesive, torch applied or mechanically attached.
 2. Cap sheet side laps are to be 3 inch minimum application. End laps are typically 6 inches in all cases.
- F. Self-Adhered Application: Base or ply sheet shall be installed per Polyglass specifications and installation guidelines appropriate for the specific substrate type and thickness.
- G. Fibrous Cant Strips: Provide non-combustible perlite or glass fiber cant strips at all wall/curb detail treatments where angle changes are greater than 45 degrees. Cant may be set in approved cold adhesives, hot asphalt or mechanically attached with approved plates and fasteners.
- H. Metal Work: Provide metal flashings, counter flashings, parapet coping caps and thru-wall flashings as specified. Install in accordance with the SMACNA "Architectural Sheet Metal Manual" or the NRCA Roofing Waterproofing manual.
- I. Termination Bar: Metal termination bar or approved top edge securement at the terminus of all flashing sheets at walls and curbs. Fasten the bar a minimum of 8 inches o/c to achieve constant compression. Provide suitable, sealant at the top edge if required.
- J. Flashing: Use Polyglass flashing sheets and minimum 6 inch wide Polyglass stripping sheets. Install stripping sheet with a minimum of 3 inches in both horizontal and vertical surfaces. Install flashing sheets with a minimum of 6 inches on horizontal surface and extended a minimum of 12 inches above finished roof surface.
1. Install flashing sheets by the same application method used for the roof membranes.
 2. Heat and scrape granules when welding or adhering at cut areas and seams to granular surfaces at all flashings.
 3. Secure the top edge of the flashing sheet using a termination bar only when the wall surface above is waterproofed, or nailed 4 inches on center and covered with an acceptable counter flashing.
 4. Items related to re-roofing operations such as sheet metal gravel stops, roof vents, and similar items shall be incorporated into the new roof system in accordance with the recommendations described in the current issue of the POLYGLASS "Specifications and Details" manual.
- K. Provide any corrections to bring the roofing installation into conformance with Polyglass USA, Inc. requirements.

3.4 FIELD QUALITY CONTROL

- A. Inspection: Manufacturer shall conduct field observations as deemed necessary by Polyglass for projects requiring Polyglass Roofing Systems Warranty. The number and frequency of field observations shall be as required by Polyglass USA, Inc. Technical Services Department.
- B. Contractor shall correct any deficiencies observed by Polyglass Technical Services to bring the roofing installation into specification conformance with Polyglass USA, Inc. warranty requirements.

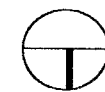
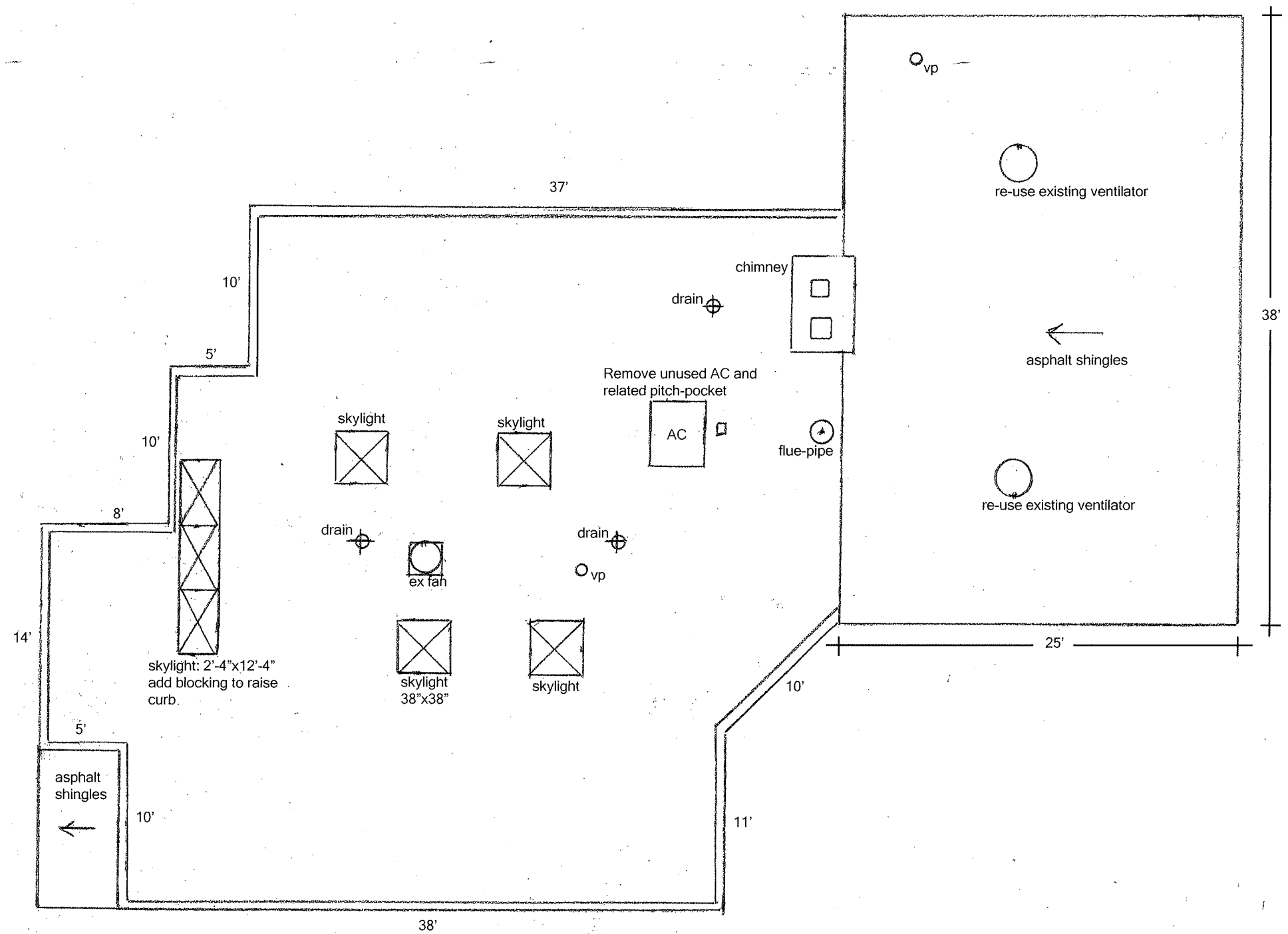
3.5 CLEANING

- A. Clean-up and remove daily from the site all wrappings, empty containers, paper, loose particles and other debris resulting from these operations.
- B. Remove asphalt markings from finished surfaces.
- C. Repair or replace defaced or disfigured finishes caused by Work of this section.

3.6 PROTECTION

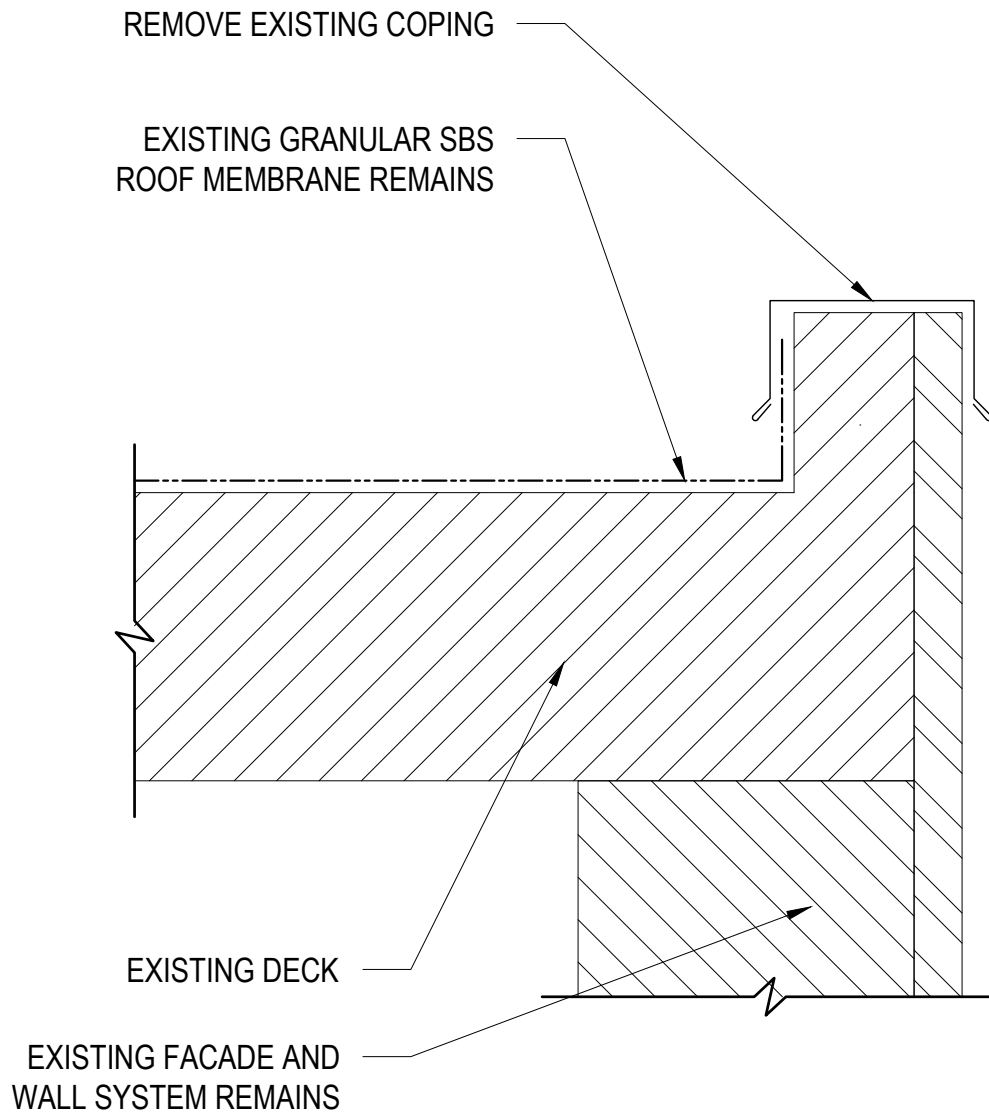
- A. Provide traffic ways, erect barriers, fences, guards, rails, enclosures, chutes and the like to protect personnel, roofs and structures, vehicles and utilities.
- B. Protect exposed surfaces of finished walls with tarps to prevent damage.
- C. Plywood for traffic ways required for material movement over existing roofs shall be not less than 5/8 inch thick.

END OF SECTION



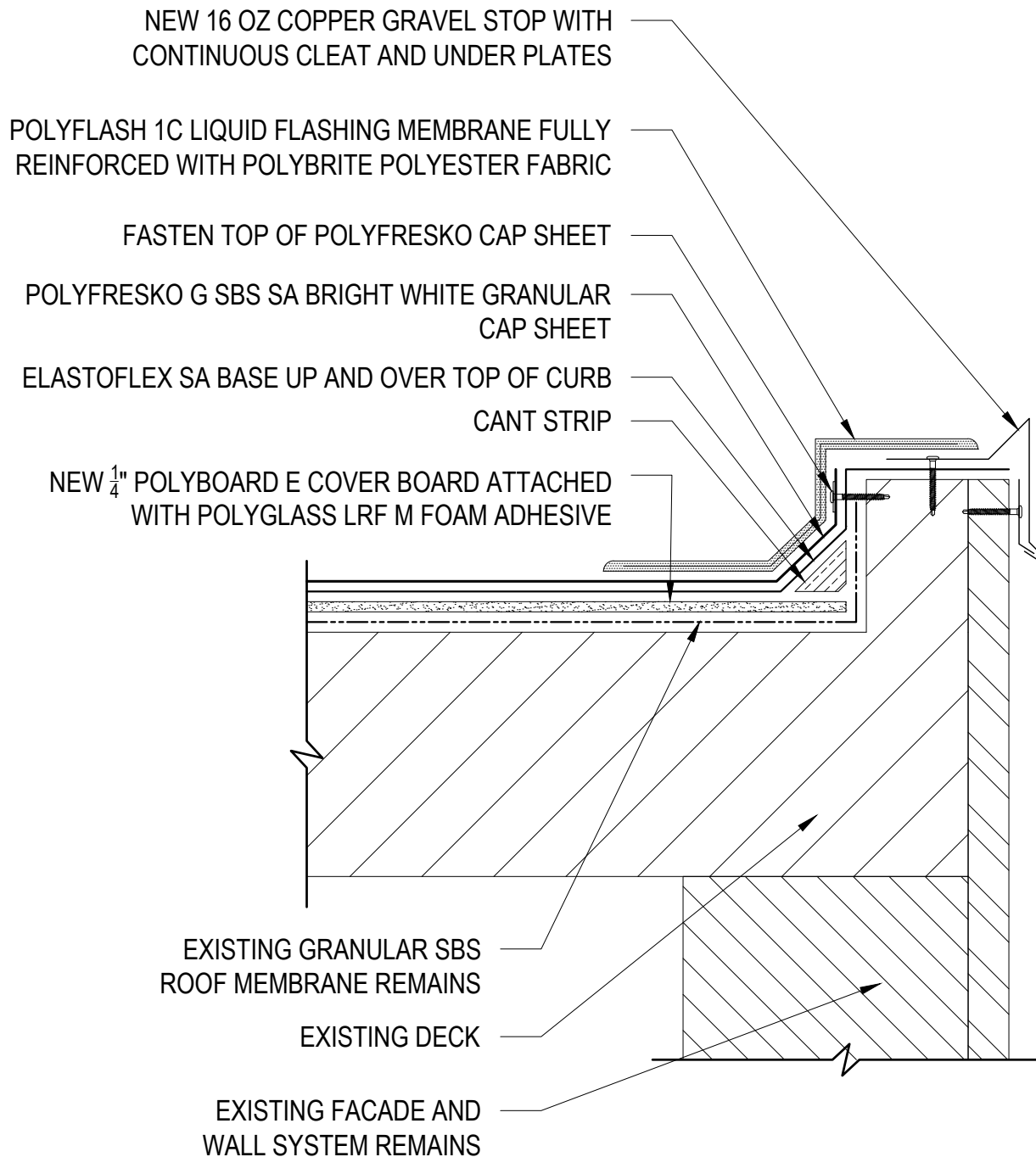
ROOF PLAN
[1/8"=1'-0"]

PROJECT Cedar Lane Arts Center Cedar Lane Park Ossining, NY	RUSSEL WATSKY, INC. ROOFING CONSULTANT 21 Hawkes Avenue Ossining, NY 10562	DATE 4/11/2023 DRAWING CLAC-1
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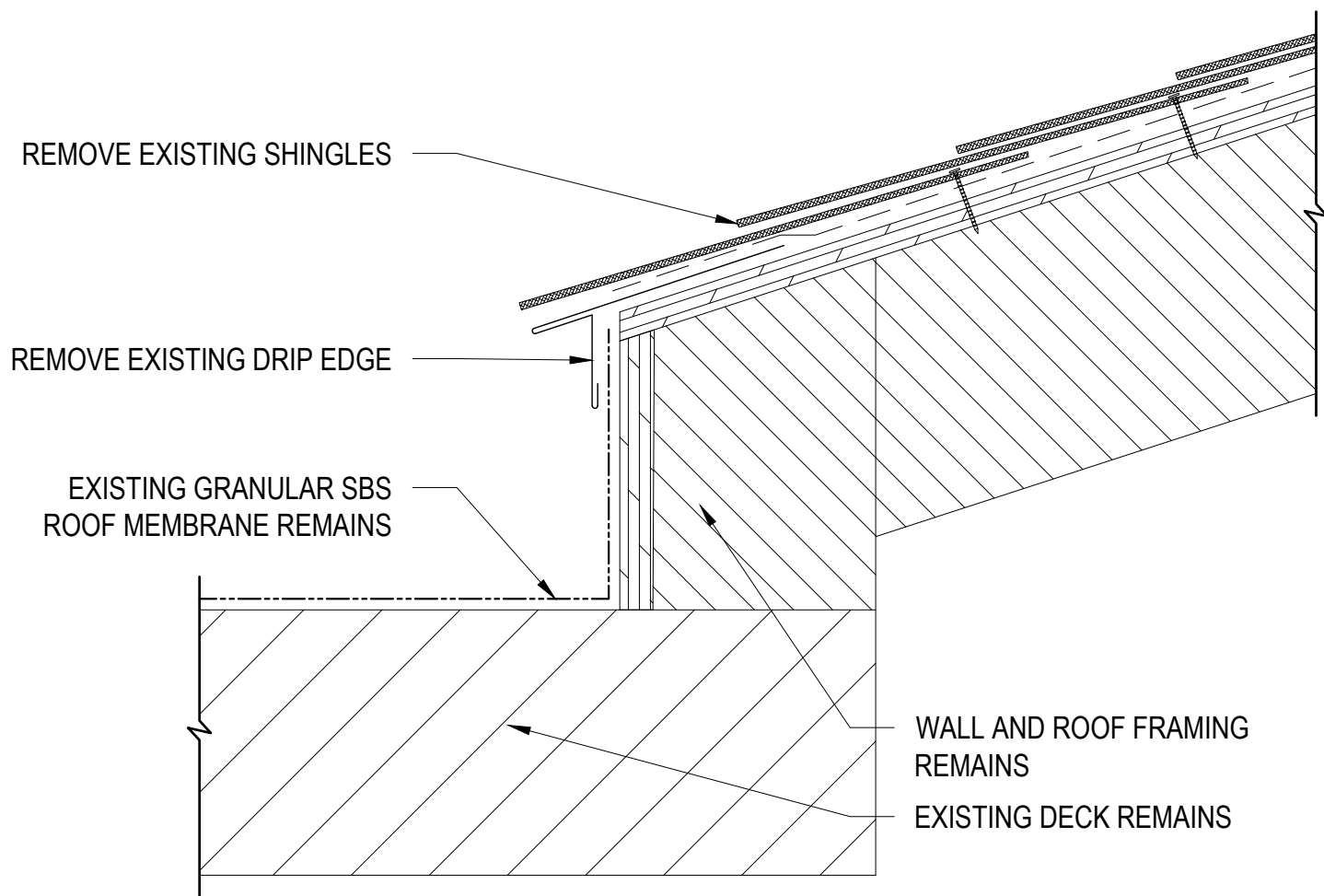
EXISTING EAVE DETAIL
SCALE: 3" = 1'-0"

<p>PROJECT</p> <p>CEDAR LANE ARTS CENTER CEDAR LANE PARK OSSINING, NY</p>	<p>RUSSEL WATSKY, INC. ROOFING CONSULTANT 21 HAWKES AVENUE OSSINING, NY 10562</p>	<p>DATE</p> <p>5/8/23</p> <p>DRAWING</p> <p>CLAC-2</p>
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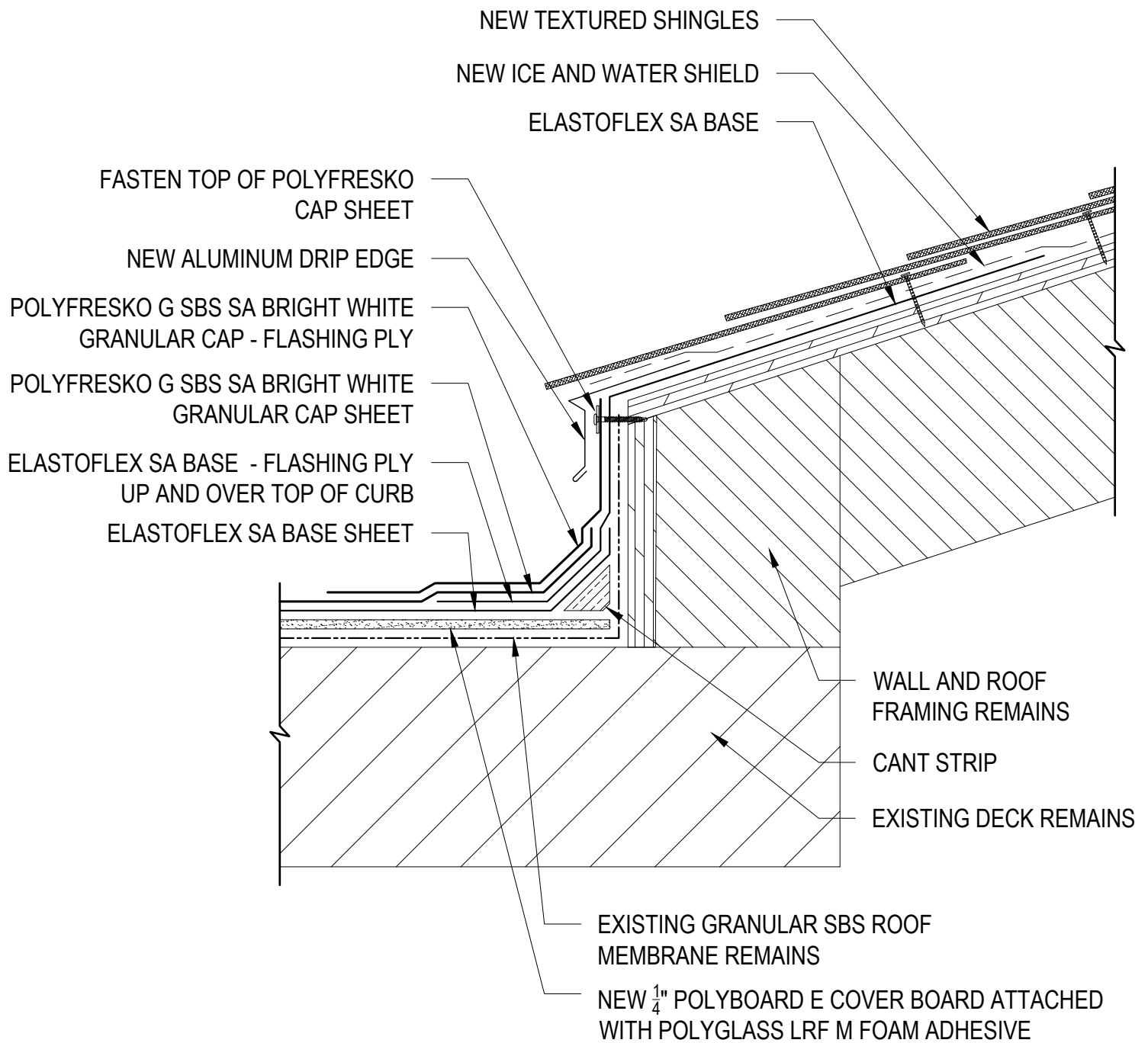
REVISED EAVE DETAIL
SCALE: 3" = 1'-0"

<p>PROJECT</p> <p>CEDAR LANE ARTS CENTER CEDAR LANE PARK OSSINING, NY</p>	<p>RUSSEL WATSKY, INC. ROOFING CONSULTANT 21 HAWKES AVENUE OSSINING, NY 10562</p>	<p>DATE</p> <p>5/8/23</p> <p>DRAWING</p> <p>CLAC-3</p>
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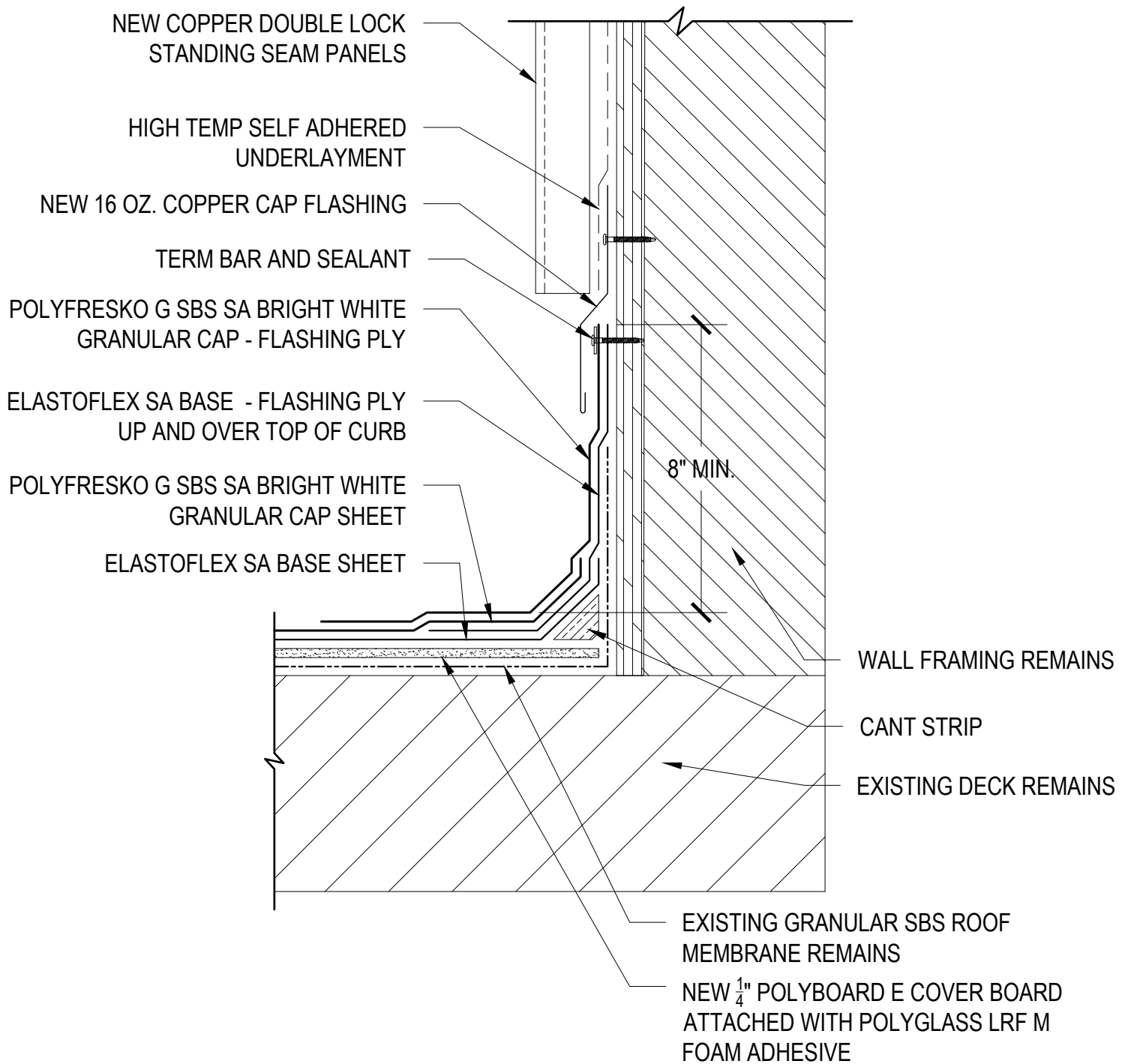
EXISTING FLASHING DETAIL AT SHINGLE ROOF
 SCALE: 3" = 1'-0"

<p>PROJECT</p> <p>CEDAR LANE ARTS CENTER CEDAR LANE PARK OSSINING, NY</p>	<p>RUSSEL WATSKY, INC. ROOFING CONSULTANT 21 HAWKES AVENUE OSSINING, NY 10562</p>	<p>DATE</p> <p>5/8/23</p> <p>DRAWING</p> <p>CLAC-4</p>
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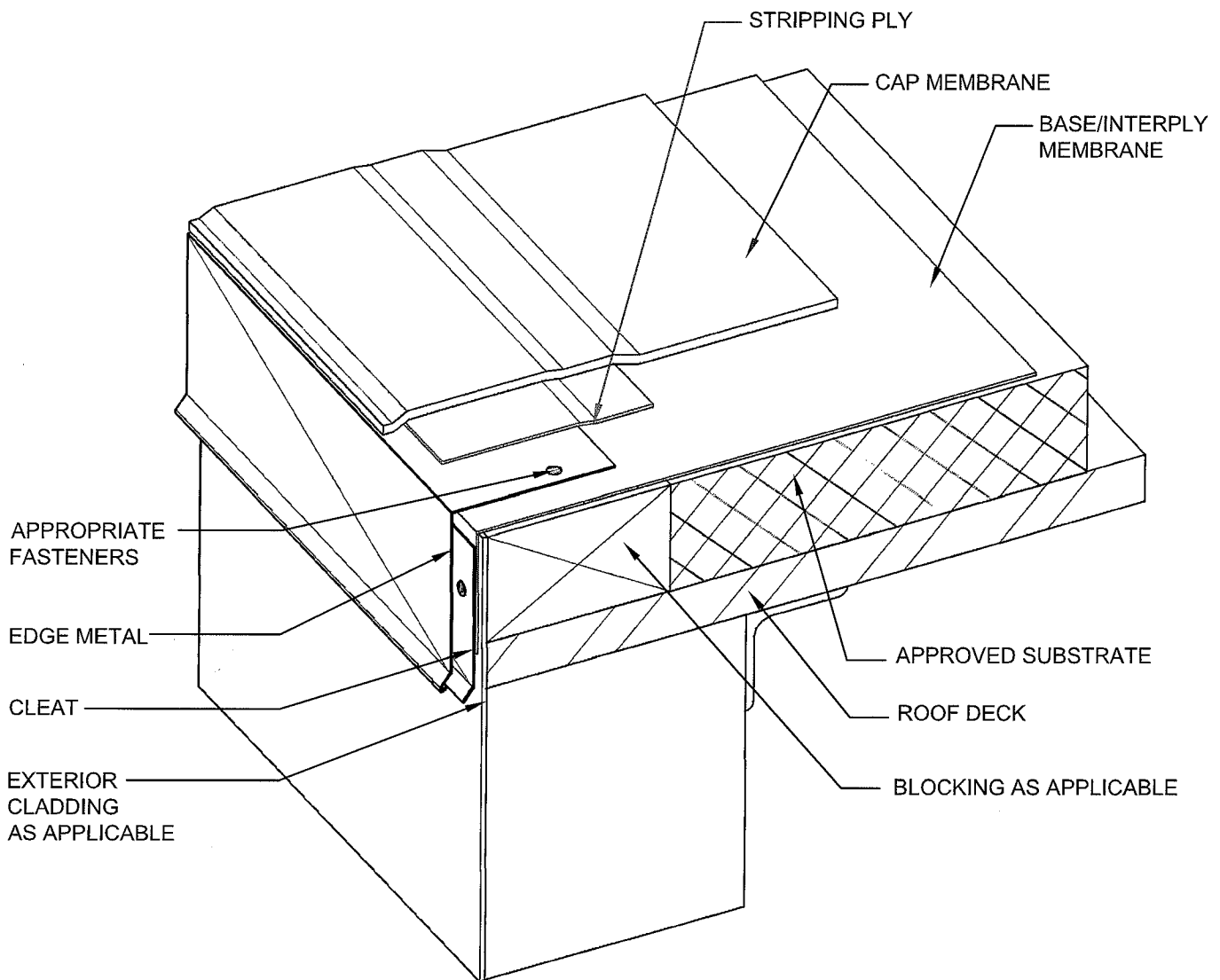
REVISED FLASHING DETAIL AT SHINGLE ROOF
 SCALE: 3" = 1'-0"

<p>PROJECT</p> <p>CEDAR LANE ARTS CENTER CEDAR LANE PARK OSSINING, NY</p>	<p>RUSSEL WATSKY, INC. ROOFING CONSULTANT 21 HAWKES AVENUE OSSINING, NY 10562</p>	<p>DATE</p> <p>5/8/23</p> <p>DRAWING</p> <p>CLAC-5</p>
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REVISED CHIMNEY DETAIL
SCALE: 3" = 1'-0"

<p>PROJECT</p> <p>CEDAR LANE ARTS CENTER CEDAR LANE PARK OSSINING, NY</p>	<p>RUSSEL WATSKY, INC. ROOFING CONSULTANT 21 HAWKES AVENUE OSSINING, NY 10562</p>	<p>DATE</p> <p>5/8/23</p> <hr/> <p>DRAWING</p> <p>CLAC-6</p>
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GENERAL NOTATIONS:

1. Metal Edge Flashing, Wood Blockings and Attachments shall comply with ANSI/SPRI ES-1
2. Refer to SMACNA recommendations and details regarding metal thickness and cleat requirements. Continuous cleats are recommended at all edges and coping flashings, cleats to be at least one gauge heavier than the edge/coping metal.
3. Wood blocking may be slotted for venting of wet-fill decks or other applicable constructions.
4. For heat fused membrane applications, set metal flashing onto heated softened membrane.
5. Membrane end laps to be a minimum 6" and fully adhered at all membrane to membrane seams.
6. Membrane laps at flanged metal to be 3" minimum and fully bonded to primed metal surface.
7. Use only when roof deck is support by the wall.
8. For Self-Adhered Membranes, in areas prone to freezing conditions, membrane shall be heat welded or sealed with an approved sealant at 90° bend of edge metal.



polyglass.us

1111 West Newport Center Drive
Deerfield Beach, FL 33442

Technical Service: (866) 794-9659
technical@polyglass.com

Description:

EDGE METAL DETAIL (Typical)

Number:

PG-LS-EDGE-01

Revision Date:

012122

Title:

One-Ply Base Flashing

Number:

PG-LF-1PLY-03

Revised:

March 2020

Notes:

- Cleaning and Preparation - Clean and prepare the surface by brooming, mild detergent & water rinse or as required to remove any conditions that could adversely affect adhesion of primers and liquid materials.
- Surfaces to received Polyflash 1C Flashing System may need to be primed, depending on the substrate.
- Polyflash 1C Flashing System consists of the following:
 - Polyflash 1C base coat
 - Polybrite Fabric
 - Polyflash 1C surface coat
- Illustration and notations intended for generalized applications only. Please refer to Product Data Sheets for additional information.
- Urethane sealant for terminations shall be compliant with ASTM C920.
- If existing flashing is present, the Polyflash 1C Flashing System should extend up to the existing counter flashing.

• PREPARE, LEVEL & PATCH SUBSTRATE AS REQUIRED W/ APPROVED LEVELING COMPOUND PRIOR TO APPLICATION OF POLYFLASH SYSTEM.

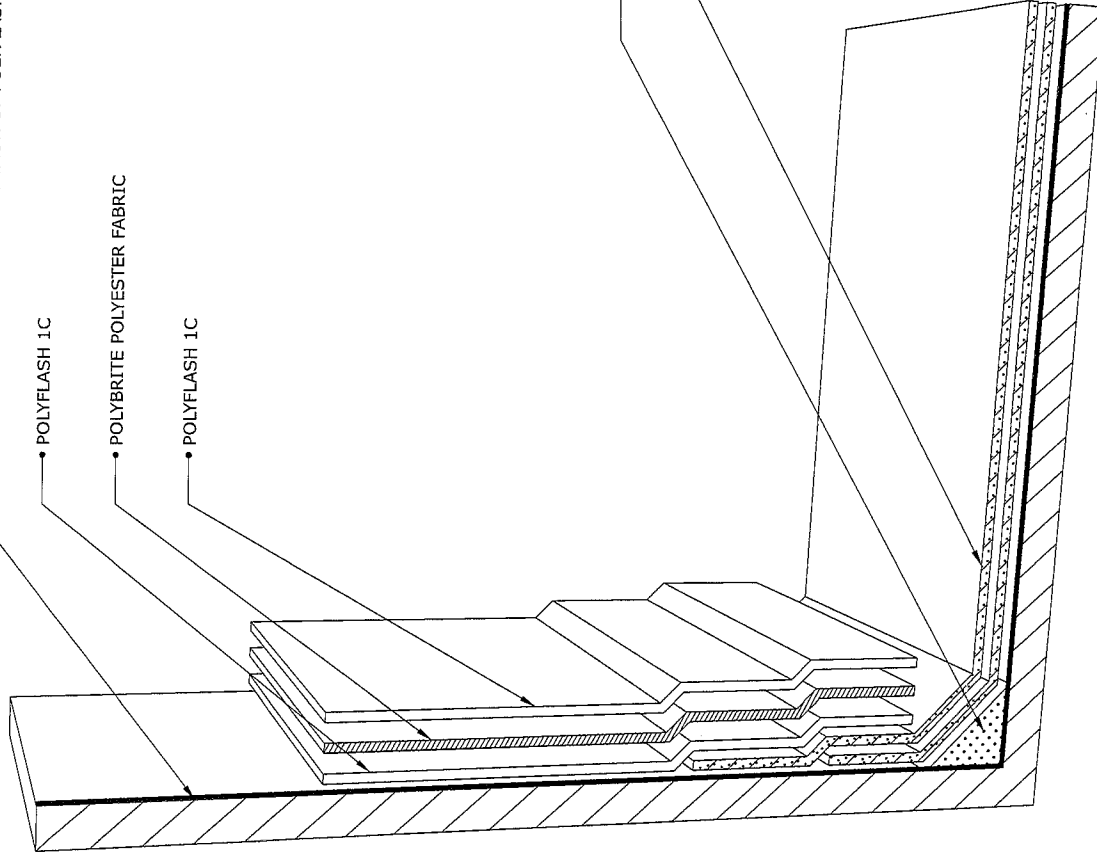
• POLYFLASH 1C

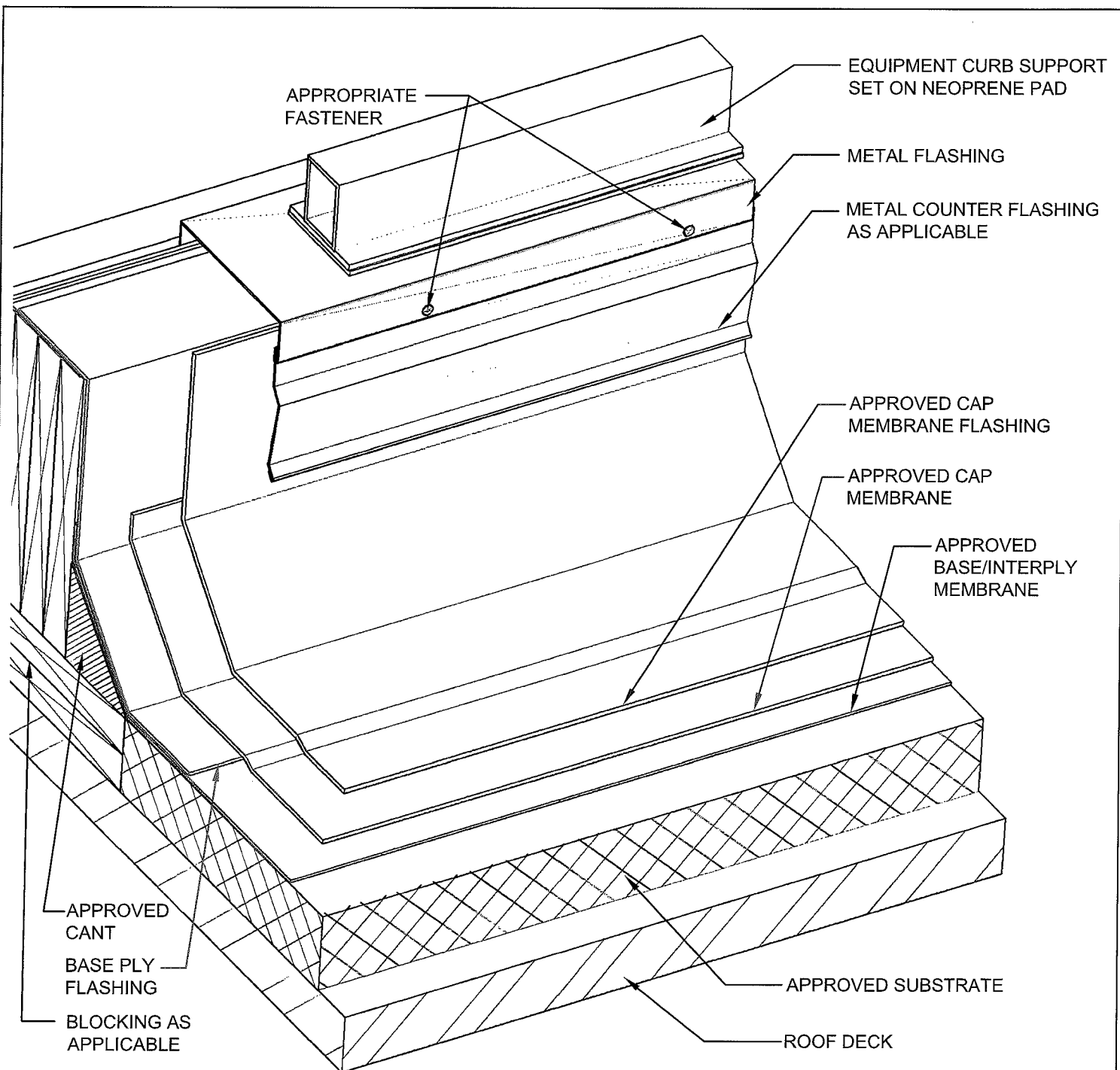
• POLYBRITE POLYESTER FABRIC

• POLYFLASH 1C

• EXISTING CANT STRIP

• EXISTING ROOF MEMBRANE





GENERAL NOTATIONS:

1. Metal Edge Flashing, Wood Blockings and Attachments shall comply with ANSI/SPRI ES-1
2. Refer to SMACNA recommendations and details regarding metal thickness and cleat requirements. Continuous cleats are recommended at all edges and coping flashings, cleats to be at least one gauge heavier than the edge/coping metal.
3. Wood blocking may be slotted for venting of wet-fill decks or other applicable constructions.
4. For heat fused membrane applications, set metal flashing onto heated softened membrane.
5. Extension of field base/plies 1" min above top of cant, required (not shown for clarity).
6. Membrane end laps to be a minimum 6" and fully adhered at all membrane to membrane seams.
7. Membrane laps at flanged metal to be 3" minimum and fully bonded to primed metal surface.
8. Use only when roof deck is support by the wall.

ROOFING AND WATERPROOFING SYSTEMS



polyglass.us

1111 West Newport Center Drive
Deerfield Beach, FL 33442

Technical Service: (866) 794-9659
technical@polyglass.com

Description:

EQUIPMENT CURB DETAIL (Typical)

Number:

PG-LS-CURB-02

Revision Date:

012122

POLYGLASS® LRF M

LOW RISE FOAM INSULATION ADHESIVE

PRODUCT DESCRIPTION

Polyglass LRF M is a highly elastomeric, all-purpose, foamable adhesive designed to adhere insulation boards and cover boards to a variety of substrates and roof decks. Polyglass LRF M is packaged in a 1.5 liter cartridge and is ready to dispense via a battery powered applicator.

USES

- Adhere various types of insulation boards in low slope systems.
- New and re-roof as well as recover applications over properly prepared modified or BUR roofs.
- When mechanical fastening is not desired.

FEATURES AND BENEFITS

- Essentially VOC free.
- Eliminating fasteners minimizes deck penetrations, deck corrosion and thermal bridging.
- Low odor make it suitable for occupied buildings.
- Increased wind uplift resistance
- Cartridges and hand-held applicator are ideal for small to medium sized roofs or tough to reach areas.

COVERAGE*

Product	Maximum Yield 0.5" bead, 12" OC
1.5 L Cartridge (4 Cartridges/Case)	6 Squares/Case

*NOTE: A ½"-¾" (1.3 cm–1.9 cm) wide uncured adhesive bead will produce a 2"-3" (5.1 cm–7.6 cm) wide cured adhesive bead that will rise approximately ¾"-1" (1.9 cm–2.5 cm) above the substrate. Coverage rates may be lower when used over irregular surfaces and will vary depending on roughness.

APPLICATION INSTRUCTIONS

Surface Preparation:

- Surfaces to receive adhesive must be clean, dry and free from any foreign matter such as dirt, oils, grease or other debris that could inhibit the adhesion capabilities of the newly installed products. Contact Polyglass Technical Services regarding any unusual substrates.
- On existing roofs, inspect roof substrate condition. Blisters, buckles, and raised edges should be cut out and repaired for a smooth surface.
- Check all flashings, edges, drains, valleys and vents and repair as needed.
- For applications over gravel surfaces removal of loose gravel and priming is required prior to the application.
- For applications over fresh and/or non-oxidized asphalt, coal tar or plastic film membranes, surface treatment may be required.
- Contact your Polyglass Technical Services for more information.

Cartridge Application:

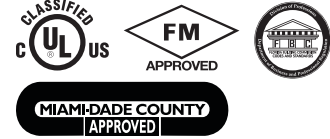
- Remove snap off tip from the Polyglass LRF M mixing head.
- Attach a Polyglass LRF M mixing nozzle to the threaded mixing head.
- Place the cartridge into the appropriate applicator. Caution: Adhesive should be dispensed immediately after loading the cartridge into the dispensing tool to prevent adhesive from foaming and curing in the mixing tip.
- Apply Polyglass LRF M directly to the substrate, using a ribbon pattern. Space ½"-¾" (1.3 cm–1.9 cm) wide beads, 12" (30 cm) o.c., to achieve proper coverage rates for insulation attachment. As adhesive is applied, immediately place insulation board into wet adhesive. Do not allow the adhesive to skin over. Eliminate uneven surfaces to ensure positive contact between the insulation board and substrate.
- Unused material can be applied at a later date simply removing the used static mixing tip, wiping the neck of the cartridge clean and plugging the cartridges with provided snap off tips.
- Caution: Polyglass LRF M reacts quickly in warm, humid climates. Roofers must set insulation boards quickly in these conditions.

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Edition Date: 04/22 • Doc# Polyglass LRF M

APPLICABLE STANDARDS

- UL Classified
- FM Approved
- Florida Building Code
- Miami-Dade County Approved



PACKAGING

- 1.5 L Cartridge
 - 4 cartridges per case

EQUIPMENT

- Hand-Held Battery Powered Applicator (not included)

PRODUCT CODES

- PGLRFM



www.polyglass.ca

POLYGLASS® LRF M

LOW RISE FOAM INSULATION ADHESIVE

Limitations:

- Do not apply to wet or damp surfaces.
- Not recommended for use with insulation boards larger than 4' x 4' (1.2 m x 1.2 m).
- Do not use warped or curled insulation boards. All insulation boards must lay flat upon the roof surface.
- For applications on smooth or sanded APP membranes, surface treatment may be required. Contact your Polyglass Technical Services for more information.

Storage and Cleaning:

- Product shelf life: 18 months from date of manufacture when properly stored.
- Store in a dry area. Optimum chemical storage temperature is 65–85°F (18–29°C)
- Bring temperature of material to approximately 70°F (21°C) before use.
- Excessive heat can cause premature aging of components resulting in a shorter shelf-life.
- Observe normal safeguards for storing and handling of this product prior to and during application.
- Do not allow product to freeze. Discard if frozen.
- Do not store in direct sunlight or temperatures higher than 90°F (32°C).

For Professional Use Only - Keep out of the reach of children.

MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- Waco, TX
- Winter Haven, FL

CORPORATE HEADQUARTERS

Polyglass U.S.A., Inc.
1111 West Newport Center Drive
Deerfield Beach, FL 33442

www.polyglass.ca

General Line: (888) 410-1375

(954) 233-1330

Customer Service: (800) 222-9782

Technical Service: (866) 794-9659

Questions? technical@polyglass.com

Product Disclaimer: Unless otherwise incorporated into or part of a supplemental manufacturer's warranty, Polyglass warrants its product(s) against manufacturing defects that result in the material not complying with product specifications for a period of 12 months.

Refer to safety data sheet (SDS) for specific data and handling of our products. All data furnished refers to standard production and is given in good faith within the applicable manufacturing and testing tolerances. The product user, and not Polyglass, is responsible for determining the suitability and compatibility of our products for the user's intended use.

For the most current product data and warranty information, visit www.polyglass.us



ROOFING WARRANTY

WHEREAS, _____,
(contractor name, address, and phone)

herein called ***The Roofer*** has completed installation of the following:

NAME OF BUILDING: **Cedar Lane Arts Center**
Town of Ossining Parks Department
235 Cedar Lane
Ossining, NY 10562

DESCRIPTION OF WORK COVERED BY THIS GUARANTEE:

Replacement of flat roof

DATE OF SUBSTANTIAL COMPLETION: _____ DATE GUARANTEE EXPIRES: _____

WHEREAS, at the inception of such work ***The Roofer*** agreed to guarantee the aforesaid work against faulty materials or workmanship for a limited period and subject to the conditions herein set forth;

NOW, THEREFORE, ***The Roofer*** hereby Guarantees, subject to the conditions herein set forth, that during a period of **3 years** from the date of completion of said work, it will, at its own cost and expense, make or cause to be made such repairs to said above described work resulting solely from faults or defects in material or workmanship applied by or through ***The Roofer*** as may be necessary to maintain said installation in watertight condition.

This guarantee is made subject to the following conditions:

1. Specifically excluded from this guarantee are any and all damages to said work and the building or contents caused by lightning, wind-storm, hailstorm, or other unusual phenomena of the elements; foundation settlement; failure or cracking of the roof deck; defects or failure of material used as a base over which ***The Roofer's*** work is applied; faulty construction of parapet walls, copings, chimneys, skylights, vents, supports, or other parts of the building; vapor condensation beneath the roof; fire, or the clogging of roof drains. If the work covered by this guarantee is damaged by reason of any of the foregoing, this guarantee shall be thereupon become null and void for the balance of the guarantee period unless such damage is repaired by ***The Roofer*** at the expense of the party requesting such repairs.
2. ***The Roofer*** shall not be liable for any consequential damage to the building and/or any of the contents thereof resulting from any claimed defect or defects in the work performed or materials furnished by ***The Roofer*** or any subcontractor or materialmen in their behalf.
3. No work shall be done on any installation covered by this guarantee, including, but without limitation, work in connection with flues, vents, drains, sign braces, railings, platforms, flashings, or other equipment fastened to or set on the roof, and no repairs or alterations shall be made to said installation itself, unless ***The Roofer*** shall be first notified, shall be given the opportunity to make the necessary recommendations with respect thereto, and such recommendations are complied with. Failure to observe this condition shall render this guarantee null and void. ***The Roofer*** shall be paid for time and material expended in making recommendations or repairs occasioned by the work of others.
4. This guarantee shall become null and void if the roof is used as a promenade or work deck or is sprayed or flooded, unless such use was originally specified and the specification is noted in paragraph 9 below.
5. This guarantee shall not be or become effective unless and until ***The Roofer*** has been paid in full for their work in accordance with the agreement pursuant to which ***The Roofer's*** work was performed.
6. This guarantee shall become null and void unless ***The Roofer*** is promptly notified of any alleged defect in materials or workmanship and provided an opportunity to inspect the claimed defects.
7. ***The Roofer*** when called upon to correct any defective work performed or materials furnished by them, or by any of their subcontractors or materialmen, shall not be required to perform any work necessary to afford access to the claimed defective work, and the restoration work required thereafter.
8. This guarantee shall become null and void unless the Owner provides normal routine maintenance of the roof and related accessory items.
9. Additional conditions or exclusions:

IN WITNESS WHEREOF, this instrument has been duly executed this _____ day of _____, 2024
