



**City of Poughkeepsie
Historic District and Landmarks Preservation Commission
Meeting Agenda**

Virtual Meeting

Meeting Link: <https://attendee.gotowebinar.com/register/4512780968160449292>

Thursday, November 4, 2021

7:00 PM

I. APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

1. 24 Balding Avenue

Applicant information:

Name: Sharon Ingram

Address: 24 Balding Avenue

Project Classification: Exterior Alteration - slate roof repair

2. 113 Academy Street

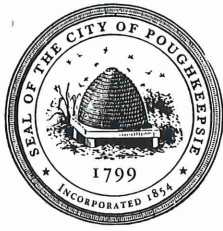
Applicant information:

Name: Gary Beck Jr., Z3 Consultants, Inc.

Address: PO Box 363, Lagrangeville, NY 12540

Project classification: Exterior Alteration & Landscaping

II. COMMISSION BUSINESS



**THE CITY OF POUGHKEEPSIE
NEW YORK
BUILDING DEPARTMENT
62 CIVIC CENTER PLAZA, 2ND FLOOR
POUGHKEEPSIE, NY 12601
Phone: (845) 451-4007 Fax: (845) 451-4006**

Staff Use Only
Application #
ID #

**THE HISTORIC DISTRICT & LANDMARKS PRESERVATION COMMISSION
APPLICATION**

(Type or print neatly. Illegible applications will not be accepted.)

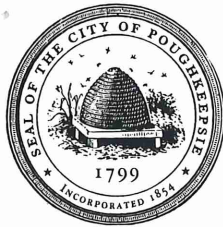
APPLICANT INFORMATION

Project Address: 24 Baldery Avenue
Applicant Name: Sharon Ingram
Applicant's Address: 24 Baldery Avenue
City: Poughkeepsie
State/Zip: 12601
Email: ingram1961@msn.com
Phone
Number(s): (845) 518-2751

Property Owner (if not the applicant): _____
(If applicant is not the property owner, a letter of authorization from the owner **MUST** accompany the application.)

PROJECT CLASSIFICATION (Check all boxes that apply to the proposed project):

- ☐ New construction (construction of a new building, addition, garage, shed, swimming pool, etc)
- ☒ Exterior alteration (includes, but is not limited to, all exterior changes to windows, doors, roof, paint colors, etc)
- ☐ Landscaping (removing or adding significant plantings or landscape features such as driveways, sidewalks, fencing, retaining walls, patios, etc., that will alter the appearance of the property)
- ☐ Repair or replacement
- ☐ Restoration (railings, balconies, cornices, porches, etc.)
- ☐ Relocation
- ☐ Demolition
- ☐ Other: _____



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WORK DESCRIPTION (Describe in detail all proposed work and indicate all materials to be used. Attached the manufacturer's product literature if available. Please keep in mind that the information you give to the Commission is the only description they will have of your design. It must illustrate what you have in mind very accurately.) Attach additional sheets as required.):

slate roof leaking in the rear of house.
I will replace the roof with fancy
slate. I will do the part where it's
leaking then do the front next year 2022
due to financial matter. That what
I meant Section By section. Financial
difficulties I can't afford to replace
the entire roof at one time! Thanks.

REQUIRED ATTACHMENTS TO SUBMIT WITH THE APPLICATION (Please submit the following attachments in triplicate):

Recent Color Photos: Include photos of each side of the building (and site when landscaping changes are proposed) with close-ups of the specific area(s) to be changed.

Color chips, charts or color samples: If your plans include paint or stain, describe the color(s) and include a sample along with information on color placement. A good way to show the color scheme is to color one or more of the elevations.

Material Samples/Manufacturer's Brochures: Material samples (when possible), manufacturer's brochures, product literature or catalog pages.

Plot Plan: A plot plan must be included for new construction, additions, demolition, fencing and major landscaping projects. The plan must be drawn to scale, indicating property lines, existing structures and/or landscaping, their relationship to adjacent structures and any proposed changes.

Elevation drawings: Include all relevant views at the scale necessary to show building detail. The elevations should be accurately labeled with cardinal directions. The existing building should be included with as much detail as necessary to show how the old and the new relate to each other.

OWNER/APPLICANT SIGNATURE:

I hereby certify that I understand this application will not be accepted until all requested information has been supplied. I also understand that this application may require a site visit and/or public hearing by the City of Poughkeepsie Historic District and Landmarks Preservation Commission

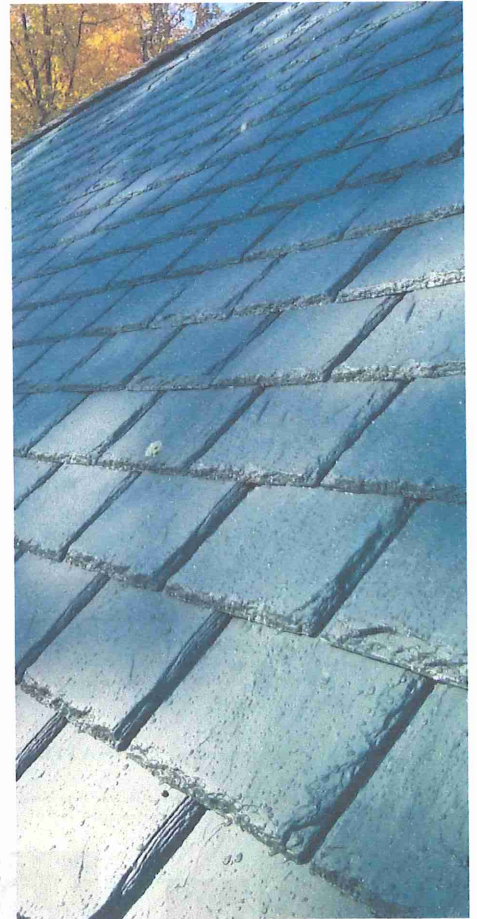
Signature of Owner

Date: 10/22/21

OR Signature of Agent/Applicant
Date: _____

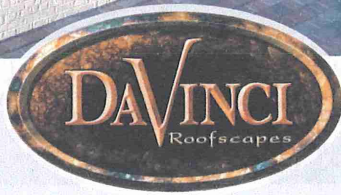
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OCT 22 2021

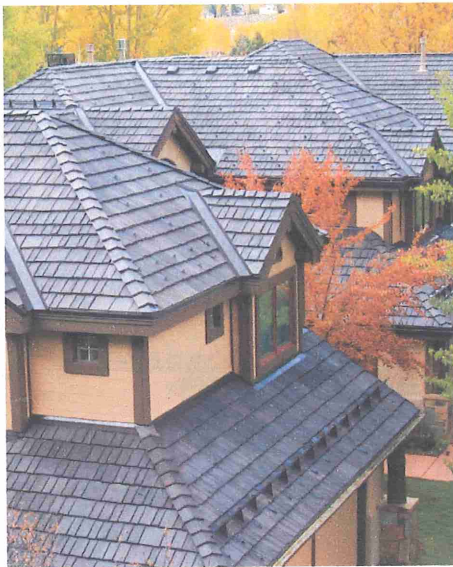


RECEIVED

OCT 22 2021



ROOFING & SIDING PRODUCT OVERVIEW



*Timeless beauty and lasting
pride for any home*

A ROOF DOESN'T GET ANY BETTER THAN *DaVinci*

With the damaging effects of sun, hail, gale-force winds, and freeze and thaw cycles, roofing materials are at odds with the weather year-round. DaVinci's unique composite construction outperforms both natural slate and shake with a Class A Fire Rating, Class 4 Impact Rating and a 110 mph Wind Rating. But the real genius of a DaVinci roof lies in its ability to provide lasting beauty and a constant source of pride.

When it comes to roofing materials, you've got plenty of options...and none better than a DaVinci composite roof. DaVinci composite roofing tiles blend state-of-the-art materials with an artist's touch. And unlike natural materials, DaVinci Slate and Shake roofing systems come with Lifetime Warranty. You won't find a better looking or better performing roof at any price.

STRENGTH ●
AVERAGE ●
WEAKNESS ●

Building Code & Testing Approvals: ICC-ES ESR-2119; Miami Dade County, FL; CA Title 24; Texas Dept. of Insurance; LEED contribution; Class A Fire; Class 4 Impact; WUI; and CCMC 14094-R

	DAVINCI	ASPHALT	NATURAL SLATE	NATURAL SHAKE	CONCRETE	METAL
WIND RESISTANT	●	●	●	●	●	●
FIRE RESISTANT	●	●	●	●	●	●
IMPACT RESISTANT	●	●	●	●	●	●
FREEZE/THAW RESISTANT	●	●	●	●	●	●
MAINTENANCE-FREE	●	●	●	●	●	●
COLOR-FADE RESISTANT	●	●	●	●	●	●
LIGHTWEIGHT	●	●	●	●	●	●

TECHNICAL SPECIFICATIONS

DaVinci Siding

	WIDTHS	THICKNESS AT BUTT
HAND-SPLIT SHAKE SIDING	8", 10"	5/8"

DaVinci Slate

	WIDTHS	THICKNESS AT BUTT
MULTI-WIDTH	12", 10", 9", 7", 6"	1/2"
SINGLE-WIDTH	12"	1/2"
BELLAFORTÉ	12"	1/2"

DaVinci Shake

	WIDTHS	THICKNESS AT BUTT
MULTI-WIDTH	9", 8", 7", 6", 4"	5/8"
SINGLE-WIDTH	9"	5/8"
SELECT SHAKE	8", 10"	5/8"
BELLAFORTÉ	12"	1" average

Testing Summary

See DaVinciRoofscapes.com for the most up-to-date testing and certifications.

	STANDARD	RESULTS
FIRE TEST	ASTM E 108	Class A
IMPACT TEST	UL 2218	Class 4
WIND TEST	ASTM D 3161	Certified to 110 mph
HIGH VELOCITY HURRICANE ZONE	TAS 125	Up to 180 mph

DAVINCIROOFSCAPES.COM

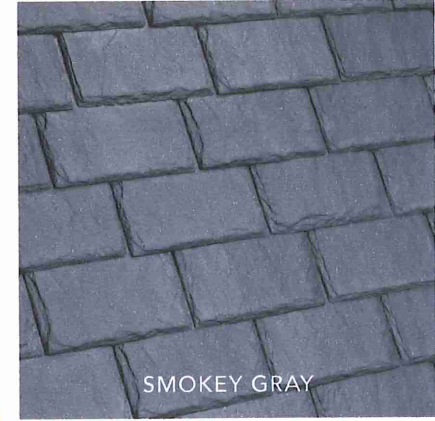
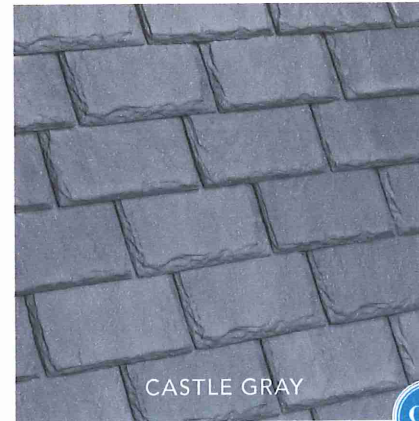
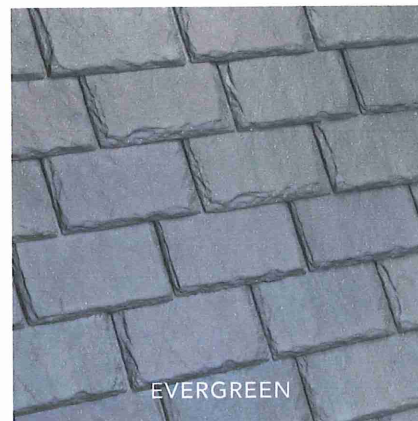
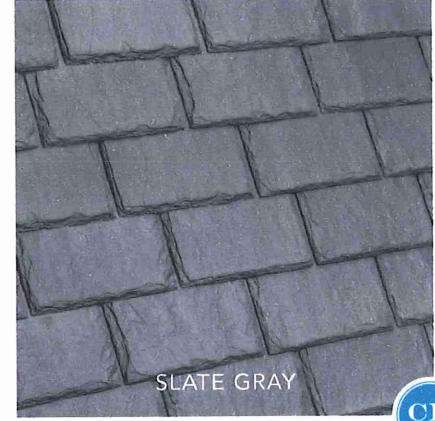
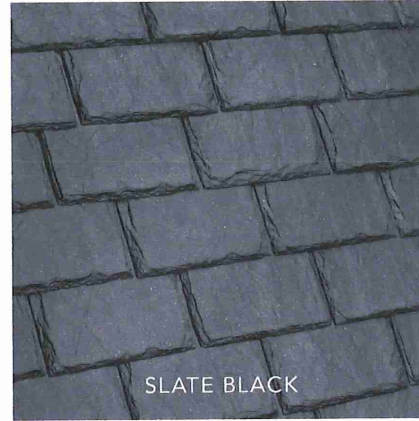
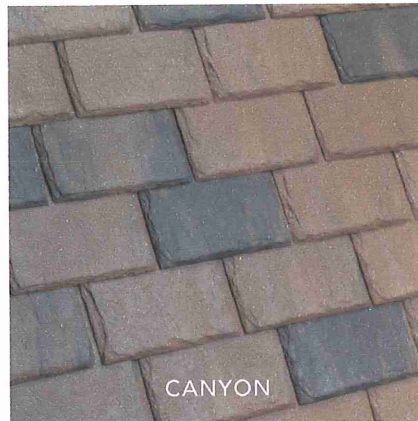
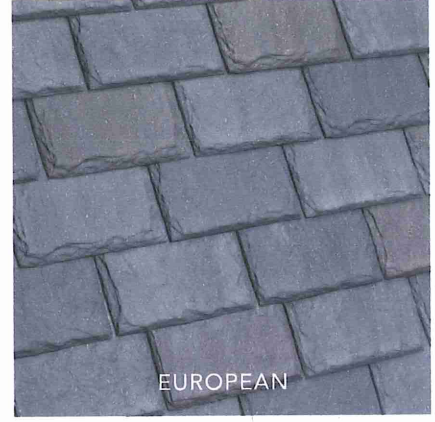
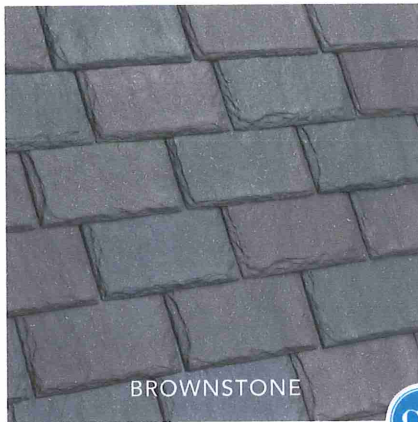
©2019 DaVinci Roofscapes

Printing reproduction of colors may vary from actual product.

MLCONFLYER 03/2021

SINGLE-WIDTH SLATE

DaVinci's Single-Width Slate delivers astonishing versatility. Our single-width tile construction streamlines installation but still enables the flexibility of straight or staggered appearances.



ALSO AVAILABLE
IN COOL ROOF COLOR

SINGLE-WIDTH SLATE



Sustainable Roofing



Majestic Slate



Environmentally friendly synthetic slate roofing tiles proudly made in the USA

Pioneers of sustainable roofing since 1993

Search EcoStar...

SEARCH



MENU



Color Options

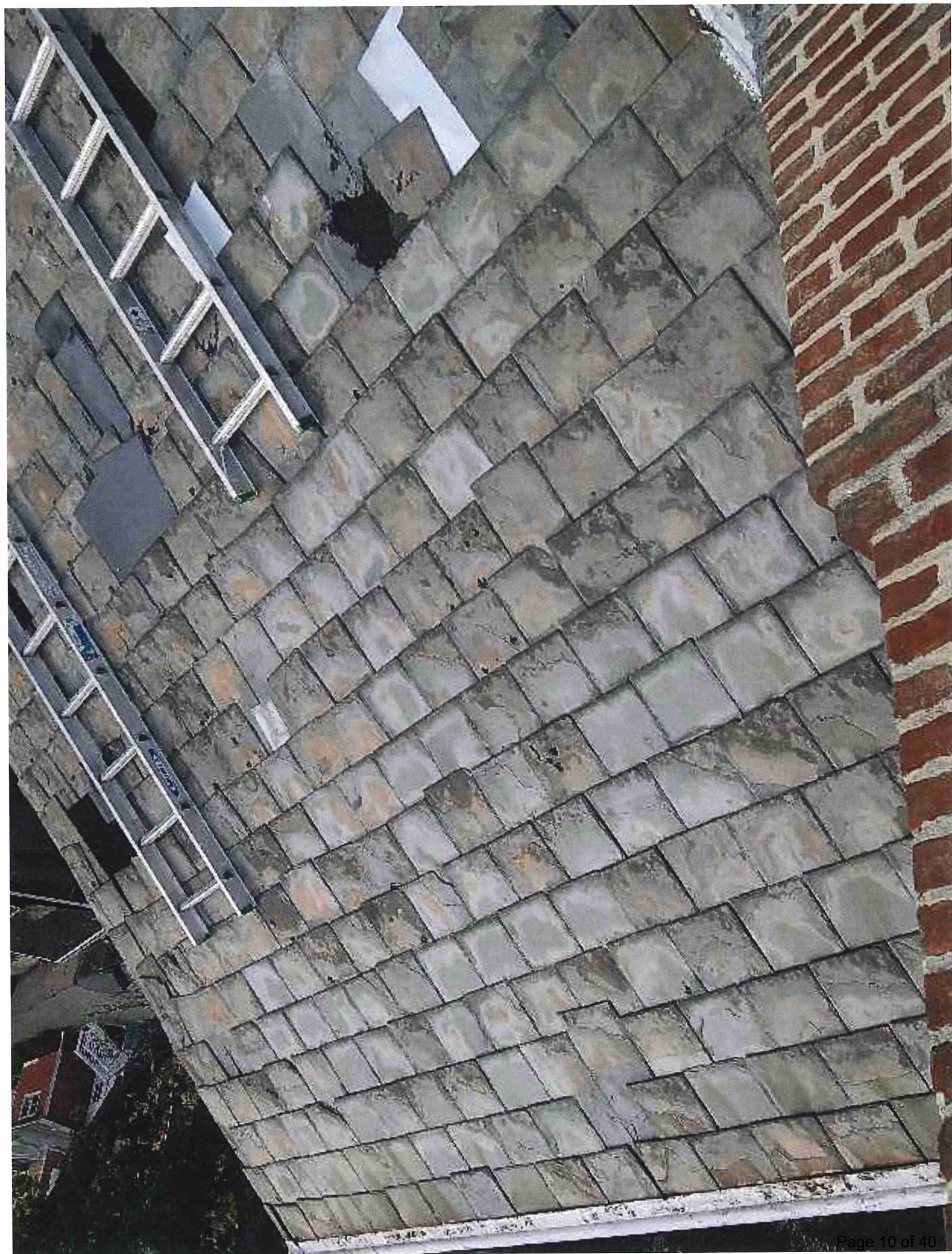
The palette of standard colors produced by EcoStar provides unlimited potential to enhance the beauty of your property. Choose from “wide-range” blends that provide the subtle elegance of one-color multi shade variation or choose completely customized multicolor mixes that create a striking and unique style.

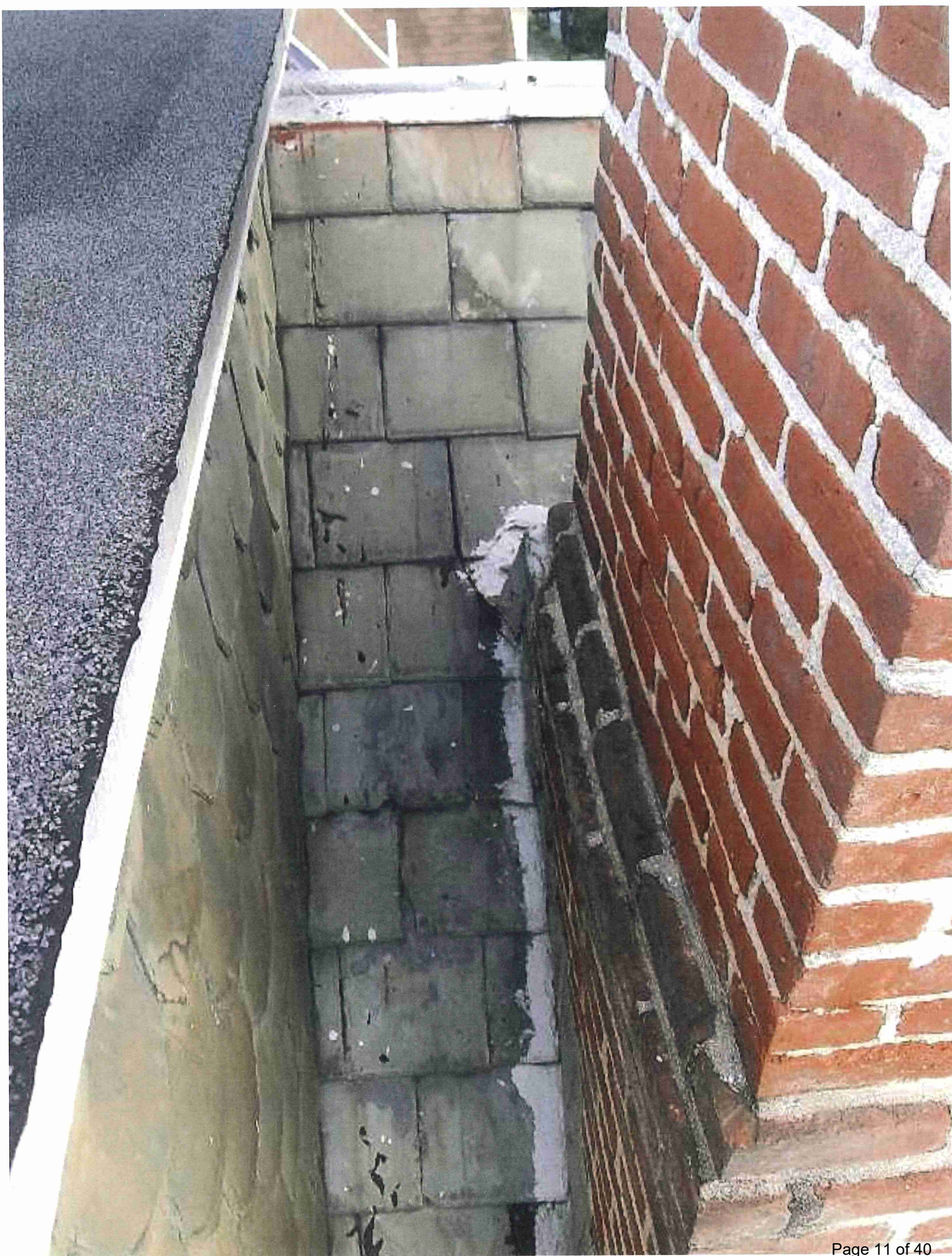
EcoStar’s production team can create slate and shake tiles with unique hues based on samples of material, paint swatches, or Pantone® color numbers distinctive to your property. Design ideas for your project are endless.

Majestic & Seneca - Standard Color Palette

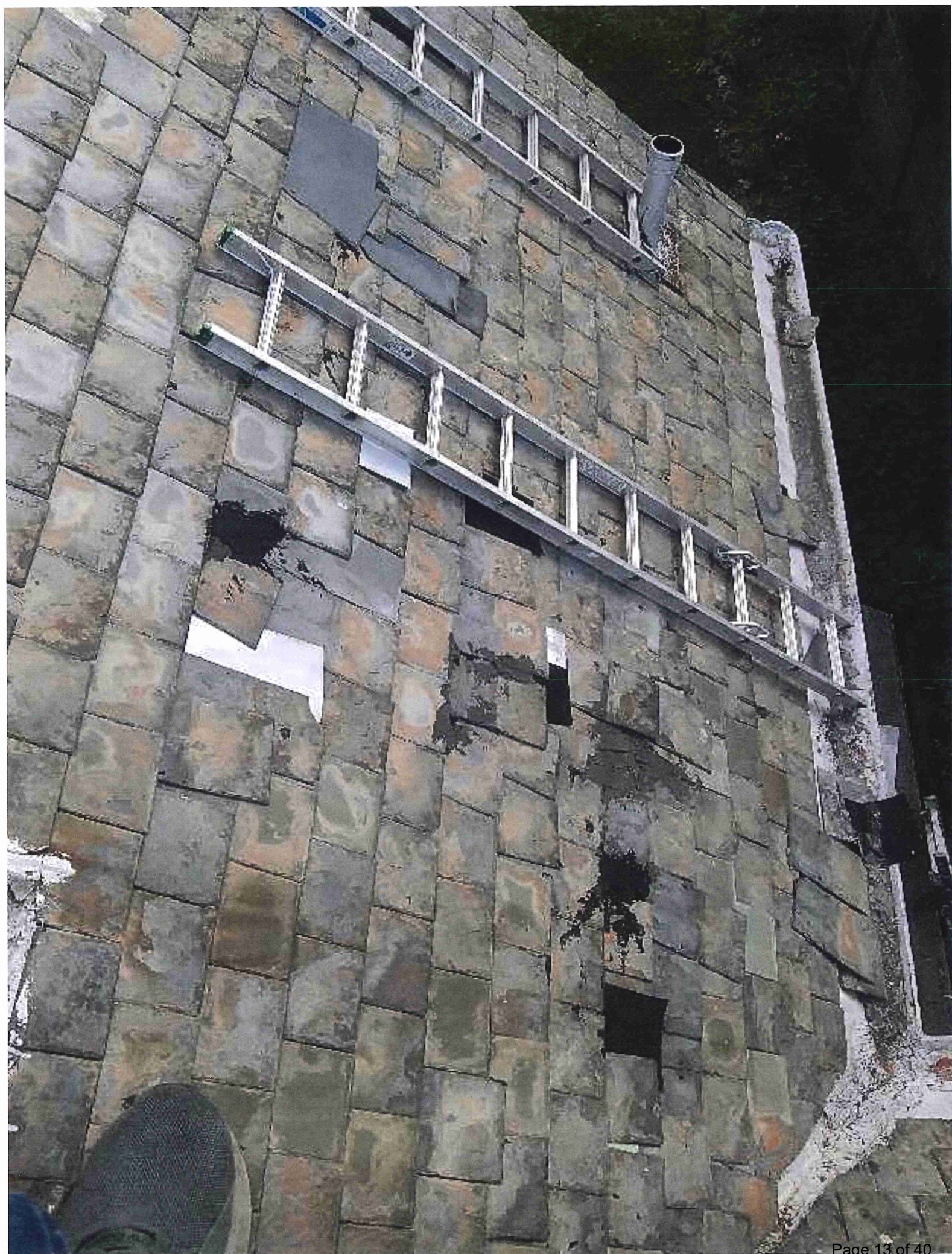
Majestic Slate, Majestic Niagara Slate, Majestic Niagara Shake and Seneca Shake are available in eleven standard colors.

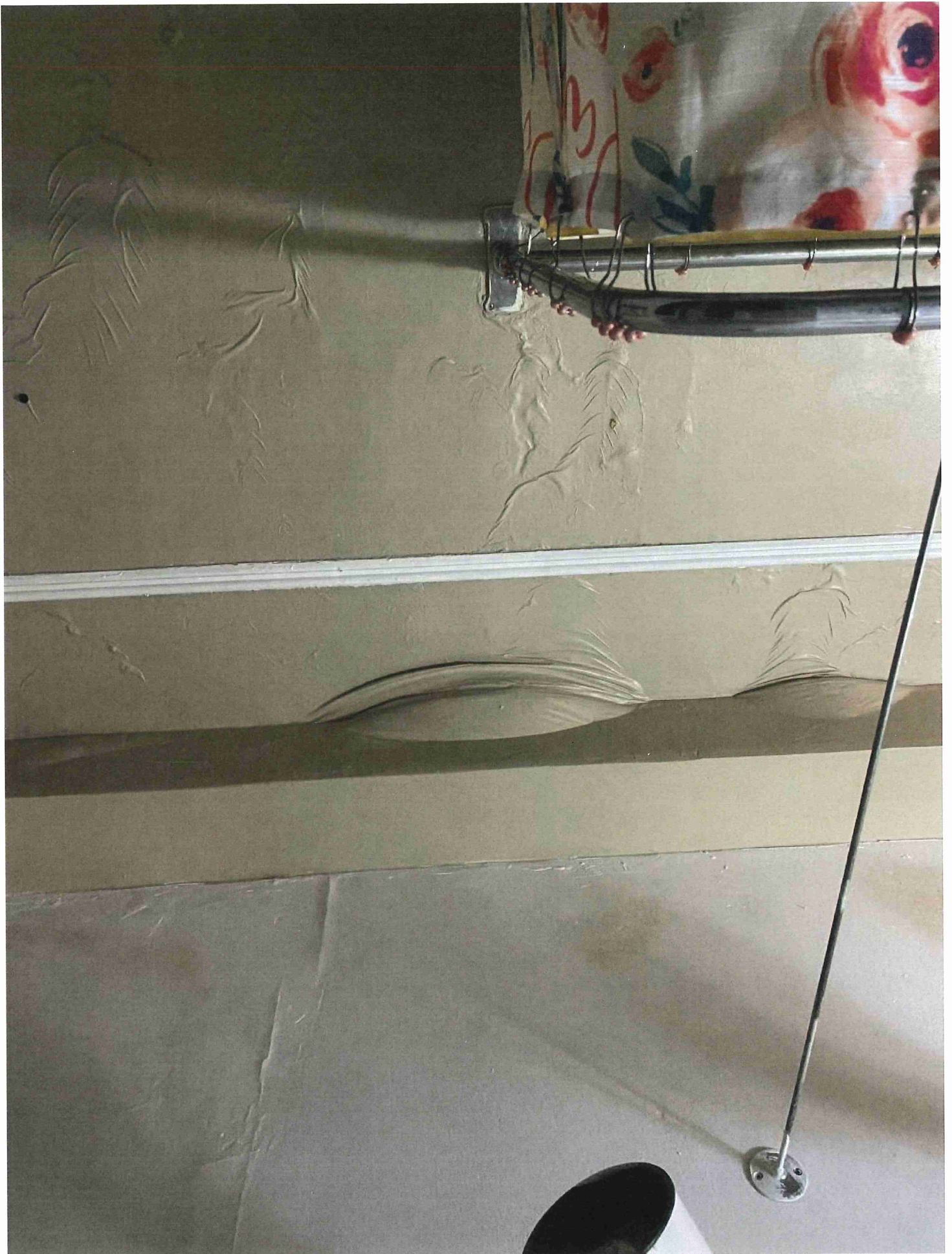


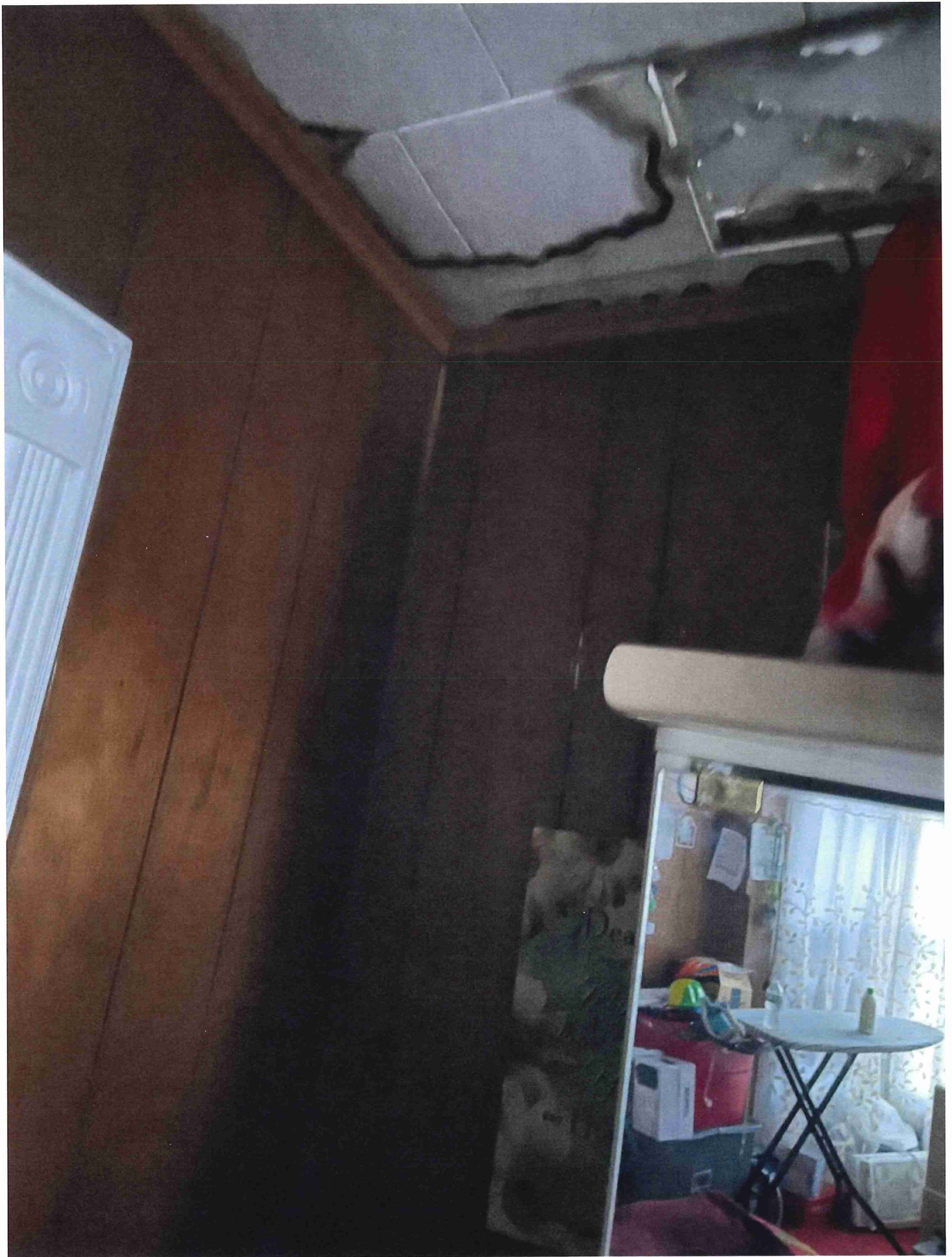




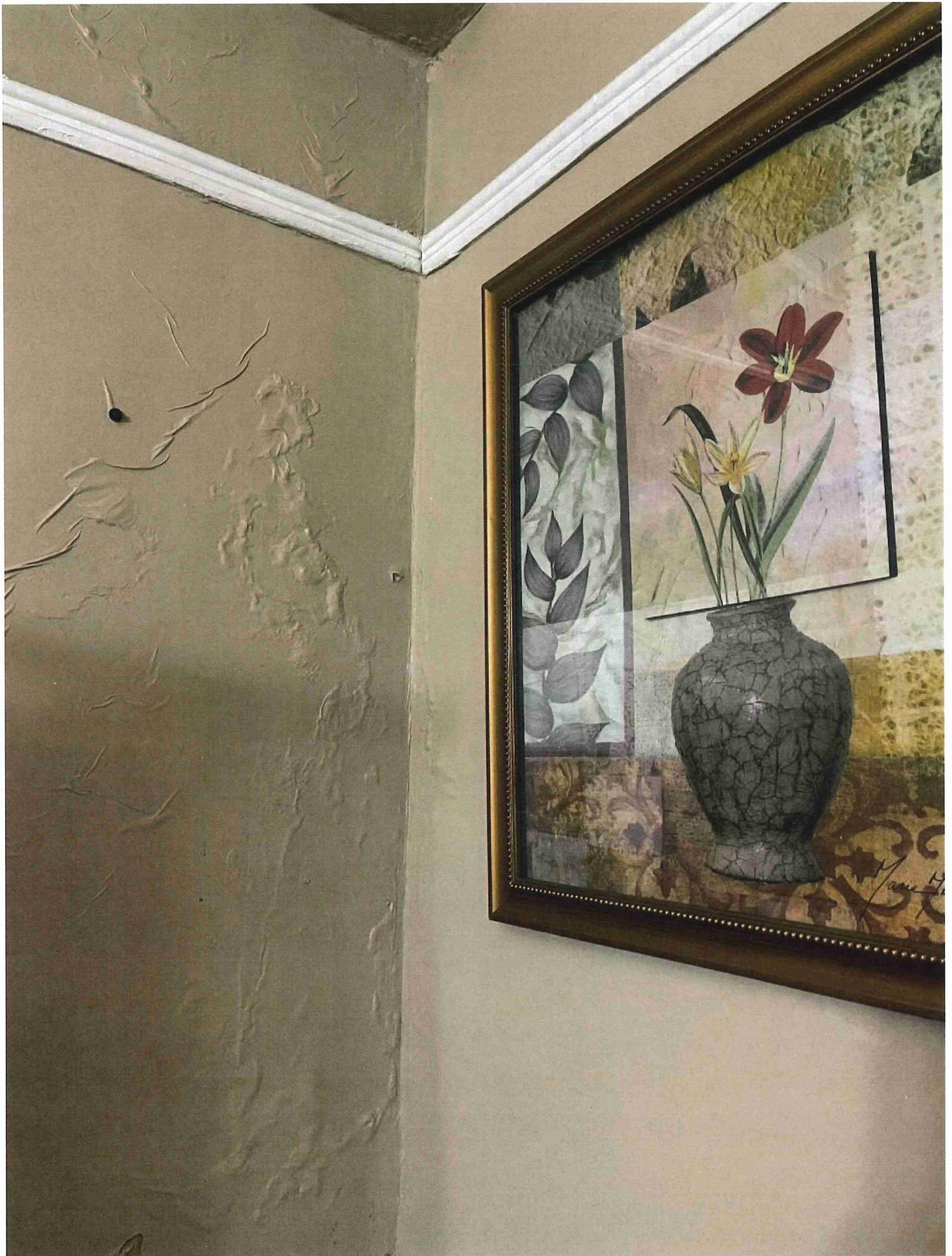




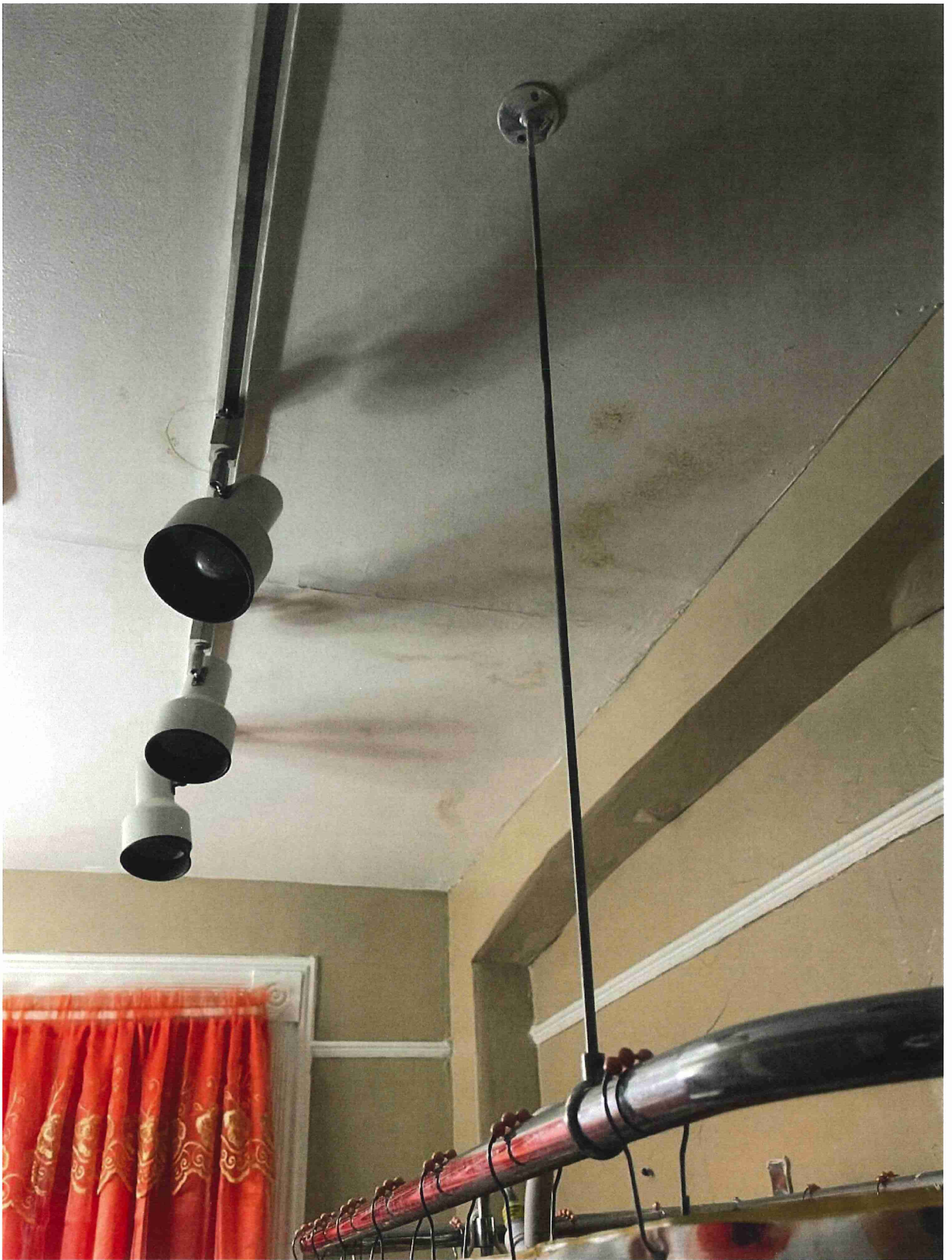




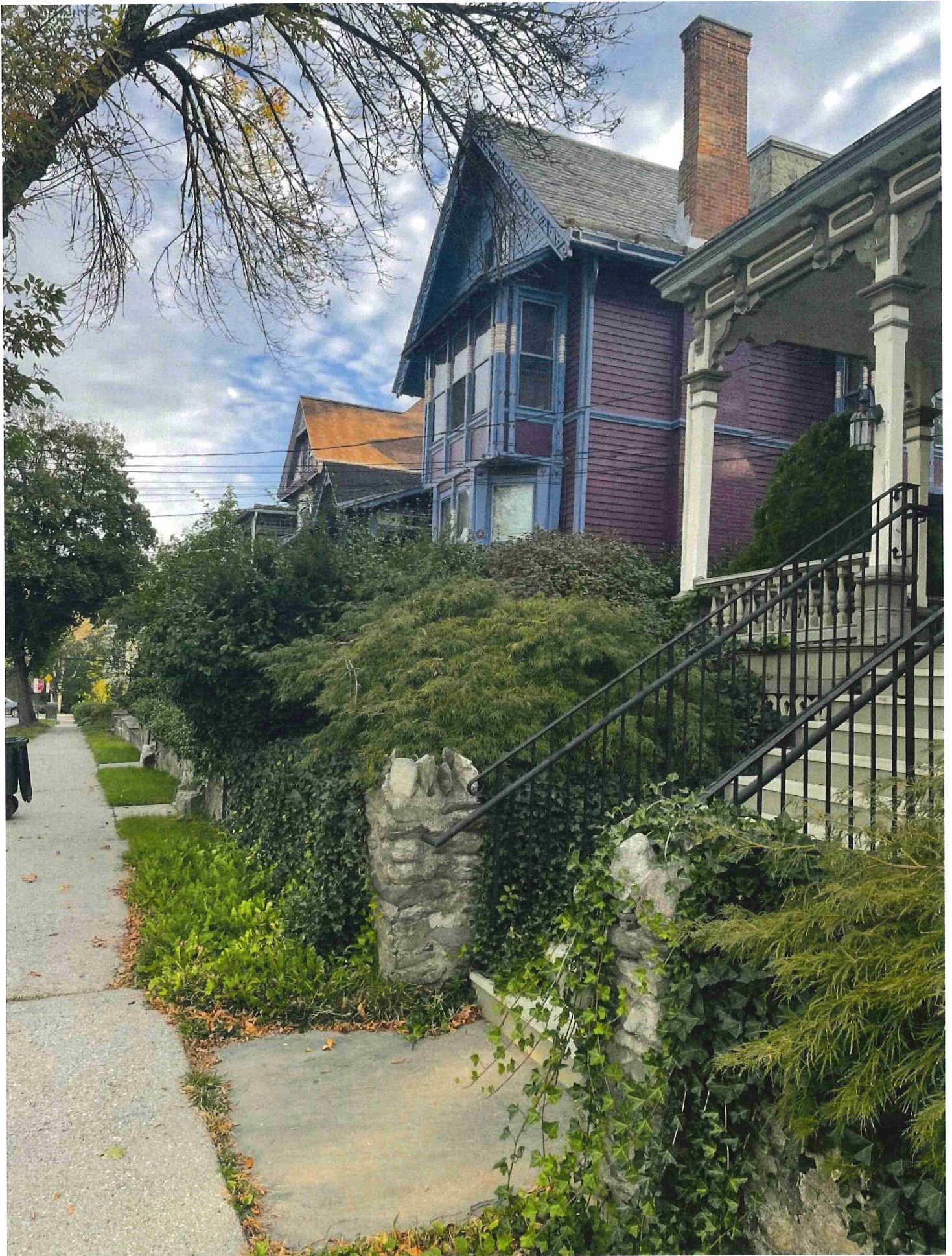


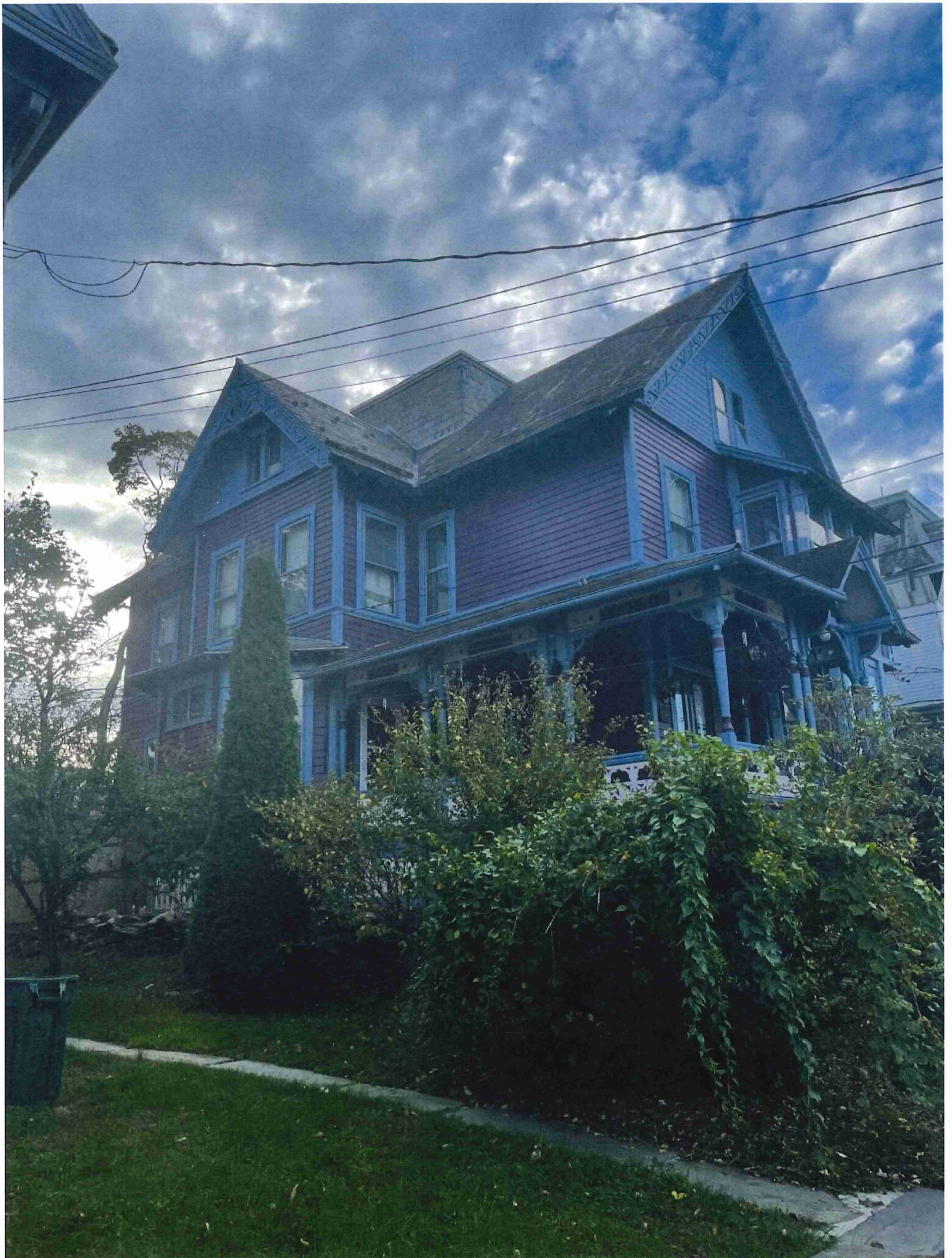














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Staff Use Only
Application #
ID #

THE HISTORIC DISTRICT & LANDMARKS PRESERVATION COMMISSION
APPLICATION

(Type or print neatly. Illegible applications will not be accepted.)

APPLICANT INFORMATION

Project Address: 113 ACADEMY STREET
Applicant Name: GARY E. BECK, JR., Z3 CONSULTANTS INC.
Applicant's Address: P O BOX 363
City: LAGRANGEVILLE
State/Zip: NY 12540
Email: assistant@z3consultants.com
Phone Number(s): 845 471 9370

Property Owner (if not the applicant): EMMETT WOODS
(If applicant is not the property owner, a letter of authorization from the owner **MUST** accompany the application.)

PROJECT CLASSIFICATION (Check all boxes that apply to the proposed project):

- ☐ New construction (construction of a new building, addition, garage, shed, swimming pool, etc)
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- ☐ Relocation
- ☐ Demolition
- ☐ Other: _____

WORK DESCRIPTION (Describe in detail all proposed work and indicate all materials to be used. Attached the manufacturer's product literature if available. Please keep in mind that the information you give to the Commission is the only description they will have of your design. It must illustrate what you have in mind very accurately.) Attach additional sheets as required.):

Painting the house and shutters. Removal of



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*Position ivy & position oak plantings to cover meters
and vents. Installation of garden & dog fence and
planting beds.*

REQUIRED ATTACHMENTS TO SUBMIT WITH THE APPLICATION (Please submit the following attachments in triplicate):

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OWNER/APPLICANT SIGNATURE:

I hereby certify that I understand this application will not be accepted until all requested information has been supplied. I also understand that this application may require a site visit and/or public hearing by the City of Poughkeepsie Historic District and Landmarks Preservation Commission

SEE OWNER CONSENT FORM

Signature of Owner

Date: _____

OR

May C.

Signature of Agent/Applicant

Date: 11/2/21



PO Box 363 LaGrangeville, NY 12540
Phone (845) 471-9370 Fax (845) 625-1479



OWNER CONSENT FORM

NAME: EMMETT WOODS

COMPANY: N/A

ADDRESS: 113 ACADEMY STREET, CITY OF ROUGHKEEPSIE
NY, 12601

CONTACT NUMBERS:

HOME- 914 804 8466

WORK- SAME

CELL- SAME

EMAIL- emmett.woods@outlook.com

I/we hereby authorize Gary E. Beck, Jr. of Z3 Consultants Inc.

To represent us on all matters in the _____ for the purposes.

Of Building Planning & Zoning for property known as 113 ACADEMY STREET

X 

Authorized Signature

DATE: 8/16/2021

Se Habla Español



113 Academy Street, Poughkeepsie

1. A number of replacement vinyl windows – in place of historic wood windows & storms – how many windows were replaced? 23 windows replaced, 27 more to go. Spec charts included.
2. 4 gas meters – proposed covering you would prefer? Fence or shrubs? Shrubs
3. Intake & exhaust pipes for mechanical system through wall air conditioners - Same question as per gas meters? Shrubs
4. exterior painting –Paint Swatches included: house color Classical White SW-2829, trim Color Naval SW-6244
5. Installation of retaining walls on site – when was this done? August 1st 202
6. chain link fence (dog area) – installed October 25th 2020
7. Pressure treated landscape edging – was only extra wood that was set on the driveway
8. Significant plant removal – what was removed & when? 2 rose bushes and fern was removed from old patio, which had poison oak, and poison ivy, growing through it, which my wife Moira is allergic to. Rhododendron bush relocated for basement window installation. All shrubs where replanted except for poison ivy and oak.



SERIES 5500 H-HC60 DOUBLE-HUNG TILT WINDOW

I hSECTION 08 51 13

ALUMINUM WINDOWS

PART 1 - GENERAL

1.1 SCOPE OF WORK

- A. Furnish and install aluminum windows as shown in bid drawings and as per specifications stipulated in this section.
- B. Factory-installed glass & glazing

1.2 ITEMS FURNISHED BUT NOT INSTALLED (Enter description and quantity of items such as extra sash, screens, glass units, hardware, etc. for attic stock)

1.3 ITEMS INSTALLED BUT NOT FURNISHED (Enter description and quantity of items such as air conditioners, louvers, duct work to be installed in locations as directed by Architect)

1.4 RELATED SECTIONS

- A. Section 07 90 00 - Joint Protection.
- B. Section 08 41 00 - Entrances and Storefronts.
- C. Section 08 70 00 - Hardware.

1.5 REFERENCES

- A. AAMA - American Architectural Manufacturers Association:
 - 1. AAMA/WDMA/CSA 101/I.S.2/A440-05 "Standard/Specification for Windows, Doors, and Unit Skylights"
 - 2. AAMA 502-08 - Voluntary Specification for Field Testing of Newly Installed Fenestration Products.
 - 3. AAMA 611-98 - Voluntary Specification for Anodized Architectural Aluminum
 - 4. AAMA 701/702-04 - Voluntary Specification for Pile Weatherstripping and Replaceable Fenestration Weatherseals.
 - 5. AAMA 800-07 - Voluntary Specifications and Test Methods for Sealants.
 - 6. AAMA 902-07 - Voluntary Specification for Sash Balances.
 - 7. AAMA 910-93 - Voluntary Life Cycle' Specifications and Test Methods for Architectural Grade Windows and Sliding Glass Doors.
 - 8. AAMA 1503-98 - Voluntary Test Method for Thermal Transmittance and Condensation Resistance of Windows, Doors, and Glazed Wall Sections.
 - 9. AAMA 2603-02 - Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum Extrusions and Panels.
 - 10. AAMA 2604-05 - Voluntary Specification, Performance Requirements and Test Procedures for High Performance Organic Coatings on Aluminum Extrusions and Panels.
 - 11. AAMA 2605-05 - Voluntary Specification, Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Aluminum Extrusions and Panels.
- B. ASTM – American Society for Testing and Materials:
 - 1. ASTM E 283-04 - Standard Test Method for Determining Rate of Air Leakage Through

SERIES 5500 H-HC60 DOUBLE-HUNG TILT WINDOW

Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen.

2. ASTM E 330-02 - Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights, and Curtain Walls by Uniform Static Air Pressure Difference.
 3. ASTM E 331-00 - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference.
 4. ASTM E 547-00 - Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Cyclic Static Air Pressure Differential..
 5. ASTM F 588; 1997 - Standard Test Methods for Measuring the Forced Entry Resistance of Window Assemblies, Excluding Glazing Impact
 6. ASTM E 2190-02 - Standard Specification for Insulating Glass Unit Performance and Evaluation.
- C. NFRC - National Fenestration Rating Council.
1. NFRC 100-04 - Procedure for Determining Fenestration Product U Factors.
 2. NFRC 102-04 - Procedure for Measuring the Steady-State Thermal Transmittance of Fenestration Systems.
 3. NFRC 500-04 - Procedure for Determining Fenestration Product Condensation Resistance Values.
- D. IGCC - Insulating Glass Certification Council.
- E. SGCC - Safety Glazing Certification Council.
1. Z97.1-04 American National Standard for Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test.
 2. 16 CFR 1201 Consumer Product Safety Commission Safety Standard for Architectural Glazing Materials - codified at Title 16, Part 1201 of the Code of Federal Regulations.
- F. ANSI Z97.1 - American National Standard For Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test/Consumer Products Safety Commission CPSC 16 CFR 1201.
- G. LEED: The Leadership in Energy & Environmental Design; U.S. Green Building Council (USGBC).

1.6 SUBMITTALS

- A. Submit administrative requirements under provisions of Section 01 30 00.
- B. 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 methods.
- C. Shop Drawings:
1. Elevation for each style window specified indicating its size, glazing type, muntin type and design.
 2. Manufacturer's head, jamb and sill details and section views for each window type specified.
- D. Schedules:
1. Provide a window schedule indicating the type, size, color, , and operation of each unit specified. Coordinate with window mark types found in the Contract Drawings.

SERIES 5500 H-HC60 DOUBLE-HUNG TILT WINDOW

- E. Selection Samples: For each finish product specified, two complete sets of color chips representing manufacturer's full range of available colors and patterns.
- F. Verification Samples: For each finish product specified, samples may be subsequently installed on the project.
- G. Test Reports: Submit certified independent testing agency reports indicating window units meet or exceed specified performance requirements.

1.7 SYSTEM DESCRIPTION

- A. Operation: DOUBLE HUNG with TILT-IN SASH for cleaning
- B. AAMA Rating: H-HC60 when tested according to AAMA/WDMA/CSA 101/I.S.2/A440-05 at the gateway size of 60" x 99"
- C. Construction: 3 1/4 inch frame depth. Wall thickness: 0.062"/0.094" frame/sill; 0.062" sash. Factory finished extruded aluminum frame and sash members with integral structural polyurethane thermal break. Rails shall be tubular profile.
- D. Glazing: 1 inch insulating glass; black reusable flexible PVC channel gasket;

1.8 HARDWARE:

- 1. Balances:
 - a. Balances shall provide a positive lifting force through the full range of sash travel. Sash travel shall be limited on oversize units.
 - b. When properly adjusted, balances shall hold the sash stationary at any open position.
 - c. Balances shall be factory calibrated of type Spiral (or Ultra-Lift balance or Block and Tackle)
- 2. Head Lock: Automatic continuous aluminum spring-loaded head lock shall secure top sash in closed position.
- 3. Sill Lock: Automatic continuous aluminum spring-loaded sill lock shall secure bottom sash in closed position.
- 4. Tilt latches: Concealed custodial-operated (Allen) zinc alloy tilt latches.
- 5. Lift Handles: Integral continuous lift handles on bottom sash.
- 6. Limit Stops: Jamb-mounted limit stops.

1.9 WEATHERSTRIPPING:

- A. Sash: High-density woven pile shall be used in combination with continuous polyethylene rigid seal to minimize air infiltration.
- B. Securely stake and join at corners. Provide drainage to exterior as necessary.

1.10 PERFORMANCE REQUIREMENTS

- A. Air, Water and Structural Performance Requirements:

When tested in accordance with cited test procedures, windows shall meet or exceed the following performance criteria, as well as those indicated in AAMA 101 and 101/I.S.2/A440-08 for performance grade of unit specified unless otherwise noted herein.

SERIES 5500 H-HC60 DOUBLE-HUNG TILT WINDOW

1. Air Test Performance Requirements:
 - a. Performance: Air infiltration maximum 0.30 cfm per square foot at 6.2 psf pressure differential when tested in accordance with ASTM E283 for sliding sealed products.
 2. Water Test Performance Requirements:
 - a. No uncontrolled water leakage at 9 psf static pressure differential when tested in accordance with ASTM E331 and ASTM E547.
 3. Structural Test Performance Requirements:
 - a. Uniform Load Deflection Test
 - 1) No deflection of any unsupported span L of test unit (framing rails, muntins, mullions, etc.) in excess of L/175 at both a positive and negative load of design test pressure when tested in accordance with ASTM E330.
 - 2) Structural reinforcing that is not standard on units being furnished is not allowed.
 - b. Uniform Load Structural Test:
 - 1) Unit to be tested at 1.5 x design test pressure, both positive and negative, acting normal to plane of wall in accordance with ASTM E330.
 - 2) No glass breakage; permanent damage to fasteners, hardware parts, or anchors; damage to make windows inoperable; or permanent deformation of any main frame or ventilator member in excess of 0.2% of its clear span.
- B. Forced Entry Resistance Test: ASTM F 588, Type and Grade as indicated for each Product.
- C. Thermal Performance Requirements
1. Perform thermal computer simulation in accordance with the configuration specified in NFRC 100.
 2. Computed Thermal Transmittance (U-Value) shall not exceed (value determined based on glazing elements) for the whole window assembly.
 3. Computed Solar Heat Gain Coefficient (SHGC) shall not exceed (value determined based on glazing elements) for the whole window assembly.

1.11 QUALITY ASSURANCE

- A. Manufacturer Qualifications: All windows specified in this section shall be supplied by a manufacturer which has been fabricating/manufacturing commercial grade aluminum windows of similar quality and performance for a minimum of ten (10) years.
- B. Installer Qualifications: All products listed in this section are to be installed by a single installer with a minimum of five (5) years demonstrated experience in installing windows of the same type and scope as specified, preferably AAMA certified installers.
- C. Provide test reports from AAMA accredited laboratory certifying that window units are found to be in compliance with AAMA/WDMA/CSA 101/I.S.2/A440-05 and performance standards listed above.
 1. Test reports shall be accompanied by the window manufacturer's letter of certification stating that the tested window meets or exceeds criteria for the appropriate AAMA/WDMA/CSA 101/I.S.2/A440 test.

1.12 DELIVERY, STORAGE, AND HANDLING

- A. Store products in manufacturer's unopened packaging until ready for installation in accordance with manufacturer's recommendations.



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- B. Protect units against damage from the elements, construction activities and other hazards before, during, and after installation.

1.13 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.

1.14 WARRANTY

- A. *Refer to Crystal Window & Door Systems, Ltd. standard warranty.*
- B. *Optional Extended Warranty (contact your Crystal sales representative).*

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Acceptable Manufacturer: **Crystal Window & Door Systems, Ltd.**, which is located at: 31-10 Whitestone Expressway, Flushing, NY 11354; Tel: 718. 961.7300; Tel: 800. 472.9988; Fax: 718.460.4594; Web: www.crystalwindows.com
- B. Requests for substitutions will be considered in accordance with provisions of Section 01 60 00.

2.2 Aluminum:

- A. Extruded aluminum prime billet 6063-T5 or 6063-T6 alloy for primary components; 6063-T5, 6063-T6, or 6061-T6 for structural components; all meeting the requirements of ASTM B221.
- B. Aluminum sheet alloy 5005 H 32 (for anodic finish), meeting the requirements of ASTM B209 or alloy 3003 H 14 (for painted or unfinished sheet).

2.3 Thermal Barrier:

- A. Structural Thermal Barrier:
 - 1. Structural thermal barrier shall consist of poured-in-place polyurethane polymer that shall transfer shear during bending and provide composite action between frame components.
- B. Non Structural Thermal Barriers:
 - 1. Non structural thermal barriers are used only in conjunction with structural thermal barriers. The purpose of non structural thermal barriers is to enhance thermal performance of the primary structural thermal barriers by inhibiting heat transfer through thermal radiation and convection. Non structural thermal barriers shall not be used as primary load carrying members.
 - 2. Rigid non structural thermal barriers shall be constructed of extruded polyvinylchloride (PVC).

2.4 GLASS

- A. Glazing Materials:
 - 1. Vertical Glazing: For glass surfaces sloped 15 degrees or less from vertical. Design glass

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- to resist design wind pressure based on glass type factors for short-duration load.
2. Thickness: Where glass thickness is indicated, it is a minimum. Provide glass lites in thicknesses as needed to comply with requirements indicated.
 3. Strength: Where float glass is indicated, provide annealed float glass. Where fully tempered glass is indicated, provide Kind FT heat-treated float glass.
 4. Thermal and Optical Performance Properties: Provide glass with performance properties specified, as indicated in manufacturer's published test data, based on procedures indicated.
 - a. U-Factors: Total-glazing values, according to NFRC 100 and based on LBL's WINDOW 5.2 computer program, expressed as BTU/sq.ft x h x deg F (W/sq. m x K).
 - b. Solar Heat-Gain Coefficient and Visible Transmittance: Center-of-glazing values, according to NFRC 200 and based on LBL's WINDOW 5.2 computer program.
 - c. Visible Reflectance: Center-of-glazing values, according to NFRC 300.
 5. Float Glass: ASTM C 1036, Type 1, Quality-Q3, Class 1 (clear) unless otherwise indicated.
 6. Coated Glass: ASTM C 1376, Type 1, Quality-Q3, Class 1 (clear) unless otherwise indicated, of kind and condition indicated.
 7. Laminated Glass: ASTM C 1172, Type 1, Quality-Q3, Class 1 (clear) unless otherwise indicated, of kind and condition indicated.
- B. Insulating Glass Units:
1. Factory-assemble units consisting of sealed lites of glass separated by a PPG Intercept Spacer system consisting of a one-piece, metallic, U-channel design that creates an effective thermal barrier to help reduce conducted heat loss through the window.
 2. Insulating glass units shall be sealed with an integral dessicant matrix and a butyl sealant extruded around the entire perimeter of the spacer to achieve a seal. The sealant applied is to be Dual Seal Equivalent (DSE). Interspace to be filled with air or argon gas as required by thermal computer simulation.
 3. Insulating Glass Types: Low-E coated, insulating glass units.
 - a. Overall Unit Thickness: 1" (25.4mm)
 - b. Thickness of Each Glass Lite: 3/32", 1/8", 3/16" or 1/4"
 - c. Outdoor Lite: Class 1 (Clear) float glass, or fully tempered float glass.
 - d. Interspace Content: Air or Argon Gas.
 - e. Indoor Lite: Class 1 (Clear) float glass, or fully tempered float glass.
 - f. Low-E Coating: Sputtered on second or third surface.
 - g. Glass Winter Night time U-Value: 0.27 maximum.
 - h. Solar Heat Gain Coefficient: 0.46 maximum.
 - i. Provide safety glazing labeling, if necessary.

2.5 WINDOW ACCESSORIES

Provide the following accessories as specified in the contract drawings. Finish to match window frames or as selected by the Architect:

- A. Wrap Around Panning
- B. Preset Panning
- C. Snap Trim/Clips
- D. Expanders

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- E. Receptors
- F. Subsills and Subsill Anchors
- G. Mullions and Mullion Covers
- H. Exterior Sills
- I. Interior Stools
- J. Muntins

2.6 FINISHES

- A. Conforming to AAMA 2604-05 specification, finish on all extruded aluminum shall consist of zero or near-zero VOC, organic POWDER COAT with a baked on super-durable thermosetting polyester resin, electro-statically applied on five-stage pre-treated aluminum surface. Powder coat material to be as manufactured by Sherwin Williams or PPG Powder Coatings.
- B. Color to be selected from Manufacturer's Standard Color Chart (or custom-matched as required by project Architect/Owner).

2.7 Insect Screens:

- A. Screen frames shall consist of tubular extruded aluminum profiles with finish to match window frames.
- B. Fiberglass mesh (18 X 16) with PVC spline.

2.8 Steel components including attachment fasteners shall be 300 series stainless steel except as noted.

2.9 Thermoplastic or thermo-set plastic caps, housings and other components shall be injection-molded nylon, extruded PVC, or other suitable compound.

2.10 Sealants:

- 1. Sealants shall comply with applicable provisions of AAMA 800 and/or Federal Specifications FS-TT-001 and 002 Series.
- 2. Frame joinery sealants shall be suitable for application specified and as tested and approved by window manufacturer.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 PREPARATION

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- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 INSTALLATION

- A. Install in accordance with manufacturer's instructions.

3.4 ANCHORAGE

- A. Anchor window units and/or assemblies sufficiently to maintain permanent positions when subjected to normal thermal movement, specified building movement and specified wind loads.

3.5 PROTECTION

- A. Protect installed products until completion of project.
- B. Final operating adjustment shall be made after glazing work is complete. Operating sash and ventilator shall operate smoothly and shall be weathertight when in locked position
- C. Touch-up, repair or replace damaged products before Substantial Completion.

3.6 DISPOSAL OF DEBRIS

- A. Remove all garbage off site and legally dispose of existing windows and debris generated from the installation of the new windows.

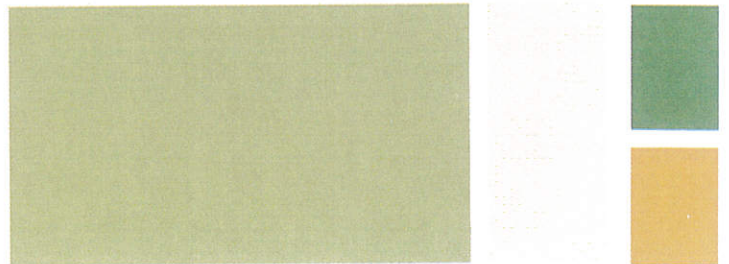
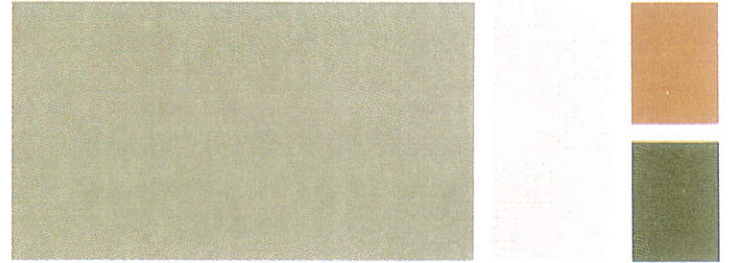
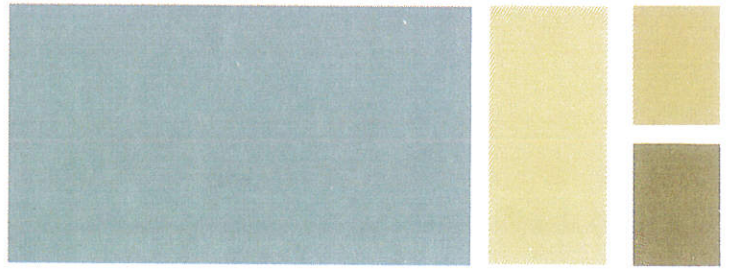
3.7 OPTIONAL FIELD TESTING

- A. At the discretion and expense of Owner or Owner's representative, perform on-site testing of installed units in conformance with AAMA 502 - Voluntary Specification for Field Testing of Windows and Sliding Glass Doors. Conduct air and water infiltration testing with the window manufacturer, contractor, and owner present.
- B. An AAMA accredited lab will be hired by the owner to perform the required testing.

3.8 ADJUSTMENT AND CLEAN UP

- A. Adjust all products, sash, vents, and hardware after installation, as necessary to provide proper operation and a weather tight installation
- B. Remove any labels and dirt from the window.

END OF SECTION

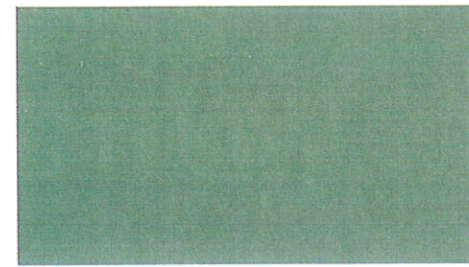
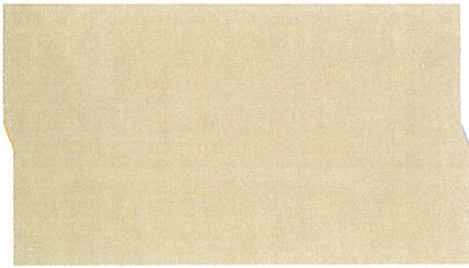


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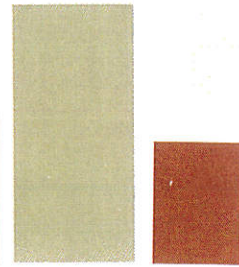
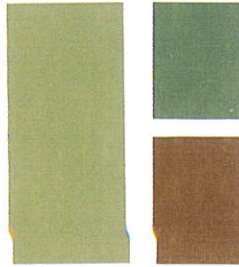
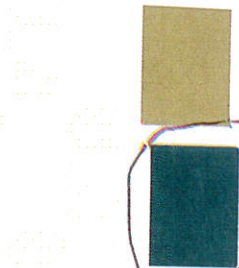
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(A)

BODY	TRIM	ACCENT	ACCENT 2
Downing Slate SW 2819	Downing Straw SW 2813	Rookwood Antique Gold SW 2811	Rookwood Medium Brown SW 2807
Downing Earth SW 2820	Renwick Beige SW 2805	Rookwood Terra Cotta SW 2803	Rookwood Dark Brown SW 2808
Renwick Olive SW 2815	Downing Sand SW 2822	Rookwood Dark Green SW 2816	Rookwood Amber SW 2817



(B)



(T)

(A)



BODY	TRIM	ACCENT	ACCENT 2
Craftsman Brown SW 2835	Roycroft Vellum SW 2833	Rookwood Brown SW 2806	Naval SW 6241
Birdseye Maple SW 2834	Roycroft Brass SW 2843	Roycroft Bronze Green SW 2846	Aurora Brown SW 2837
Roycroft Pewter SW 2848	Weathered Shingle SW 2841	Roycroft Vellum SW 2833	Roycroft Copper Red SW 2839

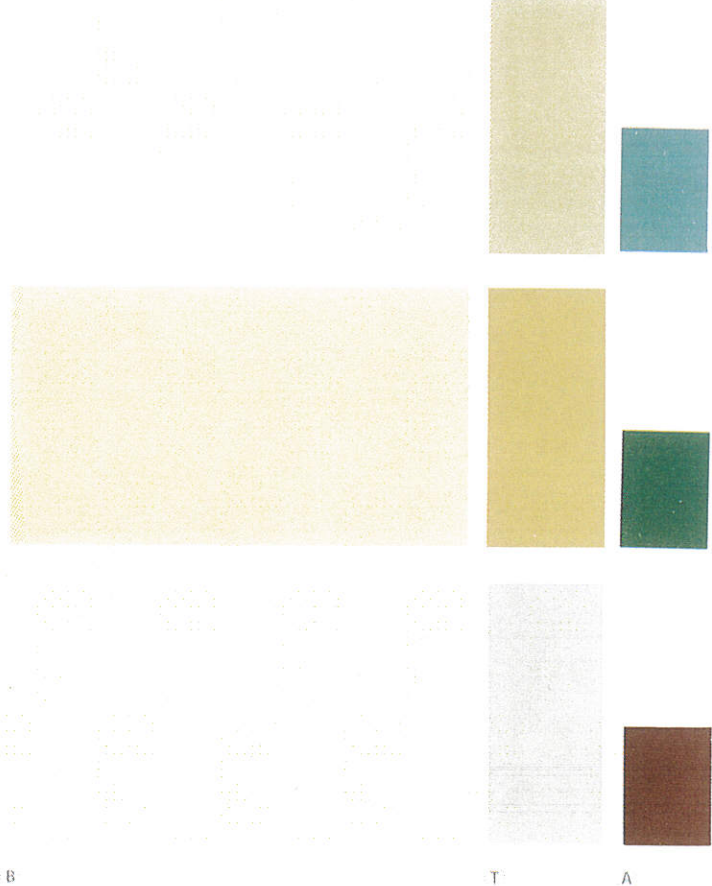
The design shown is featured on the page



BODY	TRIM	ACCENT	ACCENT 2
Downing Stone SW 2841	Sage Green Light SW 2851	Roycroft Bronze Green SW 2846	Classic Light Buff SW 0008
Rookwood Clay SW 2843	Pure White SW 0005	Downing Sand SW 2821	Teal Stencil SW 0038
Downing Straw SW 2813	Roycroft Vellum SW 2843	Roycroft Pewter SW 2843	Classic French Gray SW 0027



BODY	TRIM	ACCENT	ACCENT 2
Antique White SW 6110	Roycroft Suede SW 2842	Creamy SW 7012	Bunglehouse Blue SW 0043
Peace Yellow SW 2857	Rookwood Antique Gold SW 2814	Classical White SW 2840	Roycroft Bottle Green SW 2841
Roycroft Mist Gray SW 2844	Downing Stone SW 2821	Extra White SW 7006	Rookwood Dark Red SW 2801



113 Academy Street, Poughkeepsie
Flower bed retaining wall



Flower bed retaining wall



113 Academy Street, Poughkeepsie

New Windows, old Windows and bush relocated



113 Academy Street, Poughkeepsie

New windows, old windows and bush relocated

