MEETING OF THE HISTORIC DISTRICT COMMISSION PORTSMOUTH, NH

Remote Meeting Via Zoom Conference Call

To register in advance for this meeting, click on the link below or copy and paste this into your web browser:

https://zoom.us/webinar/register/WN_pN5L5JUWSI2yIx-pHuOnrg

You are required to register in advance to join the meeting over Zoom, a unique meeting ID and password will be provided once you register. Public comments can be emailed in advance to planning@cityofportsmouth.com. For technical assistance, please contact the Planning Department by email (planning@cityofportsmouth.com) or phone (603) 610-7216.

Per NH RSA 91-A:2, III (b) the Chair has declared the COVID-19 outbreak an emergency and has waived the requirement that a quorum be physically present at the meeting pursuant to the Governor's Executive Order 2020-04, Section 8, as extended by Executive Order 2021-01, and Emergency Order #12, Section 3. Members will be participating remotely and will identify their location and any person present with them at that location. All votes will be by roll call.

6:30 p.m.

March 10, 2021

AGENDA (revised on March 5, 2021)

The Board's action in these matters has been deemed to be quasi-judicial in nature. If any person believes any member of the Board has a conflict of interest, that issue should be raised at this point or it will be deemed waived.

I. ADMINISTRATIVE APPROVALS

- 1. 124 State Street
- 2. 65 Bow Street
- 3. 105 Daniel Street
- 4. 93 High Street

II. PUBLIC HEARINGS (NEW BUSINESS)

1. (*Work Session/Public Hearing*) requested by **Nobles Island Condominium Association**, **owner and Michael Street, applicant**, for property located at **500 Market Street**, wherein permission is requested to allow new construction to an existing structure (replace brick dumpster enclosures) as per plans on the in the Planning Department. Said property is shown on Assessor Map 120 as Lot 2 and the within the Character District 4-L1 (CD4-L1) and Historic Districts.

III. WORK SESSIONS (OLD BUSINESS)

A. Work Session requested by **Anne Moodey**, **owner**, for property located at **180 New Castle Avenue**, wherein permission is requested to allow exterior renovations to an existing structure (expand front deck and rebuild (1) chapter by) as per plans on file in the Planning Department. Said property is shown on Assessor Map 101 as Lot 23 and lies within the Single Residence B (SRB) and Historic Districts. (*This item was postponed at the February 10, 2021 meeting to the March 10, 2021 meeting*).

B. Work Session requested by **Mary H. and Ronald R. Pressman, owners,** for property located at **449 Court Street**, wherein permission is **or** quested to allow renovations to an existing structure (add 4th floor addition and roof deck has per plans on file in the Planning Department. Said property is shown on Assessor Mars 105 as Lot 6 and lies within the Character District 4-L1 (CD4-L1) and Historic Districts **CER** *item was continued at the February 10, 2021 meeting to the March 10, 2021 meeting)*.

D. Work Session requested by **Stone Creek Realty, LLC, owner,** for property located at **53 Green Street,** wherein permission is requested to allow the demolition of the existing structure and the new construction of a 3-5 story mixed-use building as per plans on file in the Planning Department. Said property is shown on Assessor Map 119 as Lot 2 and lies within the Character District 5 (CD5) and Historic Districts. *This item was continued at the February 10, 2021 meeting to the March 10, 2021 meeting*).

E. Work Session requested by **Ross D. Ellenhorn and Rebecca J. Wolfe, owners,** for property located at **279 Marcy Street, Unit #3,** where in permission is requested to allow new construction to an existing structure (constructive essed deck on 3rd floor) as per plans on file in the Planning Department. Said property shown on Assessor Map 103 as Lot 45-3 and lies within the General Residence B (CCC) and Historic Districts. *This item was continued at the February 10, 2021 meeting to the March 10, 2021 meeting*).

IV. ADJOURNEMENT

HDC

ADMINISTRATIVE APPROVALS

March 10, 2021

- 1. 124 State Street (LUHD-276)
- 2. 65 (53-67) Bow Street (LUHD-281)
- 3. 105 Daniel Street (LUHD-283)
- 4. 93 High Street (LUHD-284)

- TBD
- Recommended Approval
- Recommended Approval
- Recommended Approval

1. 124 State Street - Recommended Approval

<u>Background</u>: The applicant is seeking approval for a new rear entry with canopy, window and door replacements, and add a pergola to the existing roof deck.

Staff Comment: TBD

Stipulations:

1.	
2.	
3.	



03/05/2021

LUHD-276

Historic District Commission Work Session or Administrative Approval Application

Status: Active

Date Created: Feb 12, 2021

Applicant

Lisa DeStefano info@destefanomaugel.com 22 Ladd St Portsmouth, NH 03801 6034318701 Location

124 STATE ST Portsmouth, NH 03801

Owner:

LUDES GREG & LUDES LAURA PO BOX 822 NEW CASTLE, NH 03854

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

Minor improvements to previously permitted including a new rear entry with canopy, window and door replacements to meet code requirements, and pergola at existing roof deck.

Description of Proposed Work (Planning Staff)

--

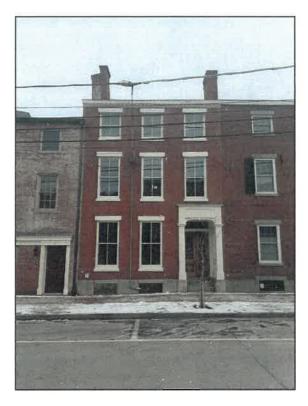
Project Representatives

Relationship to Project

Architect

If you selected "Other", please state relationship to project.

--







STATE STREET IMAGERY



LOCUS MAP WITH SITE OUTLINE

Ludes Residence

124 State Street Portsmouth, NH 03801

CONTEXT AND LOCUS MAP

COURT STREET IMAGERY

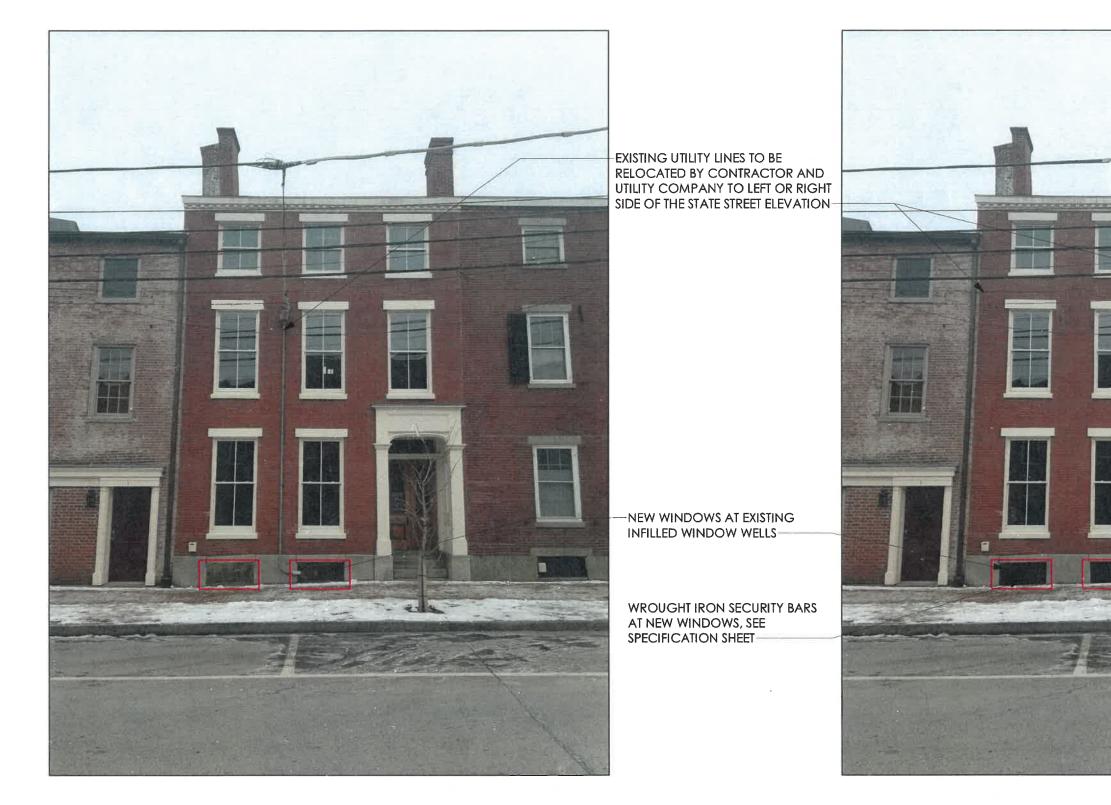


SHEET 1 OF 6 MARCH 3, 2021

202050



© 2021





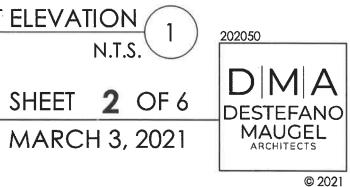
PROPOSED STATE STREET ELEVATION

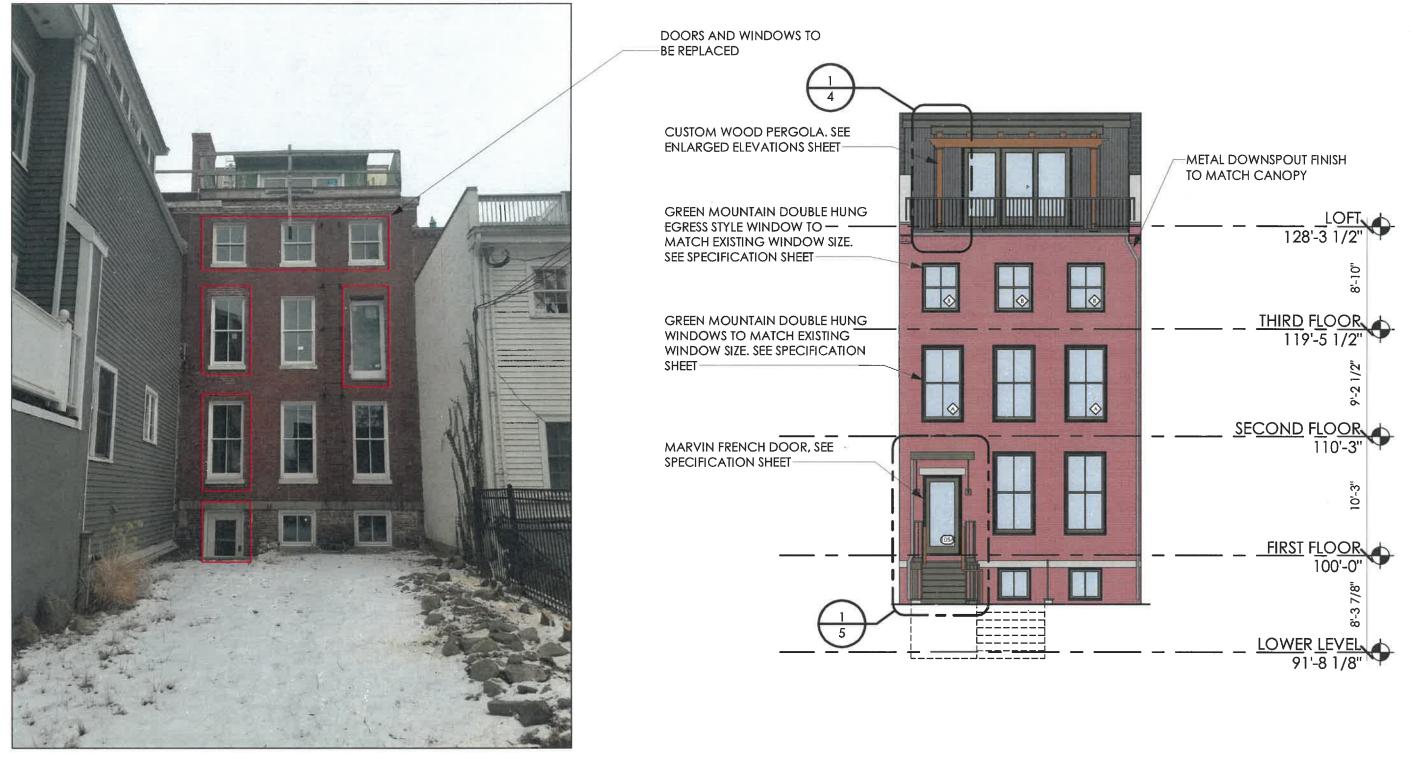
Ludes Residence

STATE STREET ELEVATIONS

124 State Street Portsmouth, NH 03801







PROPOSED COURT STREET ELEVATION

Ludes Residence

EXISTING COURT STREET ELEVATION

COURT STREET ELEVATIONS

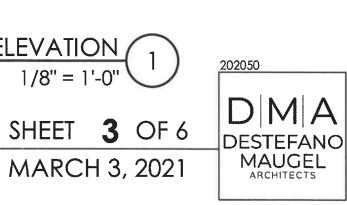
1/8" = 1'-0"

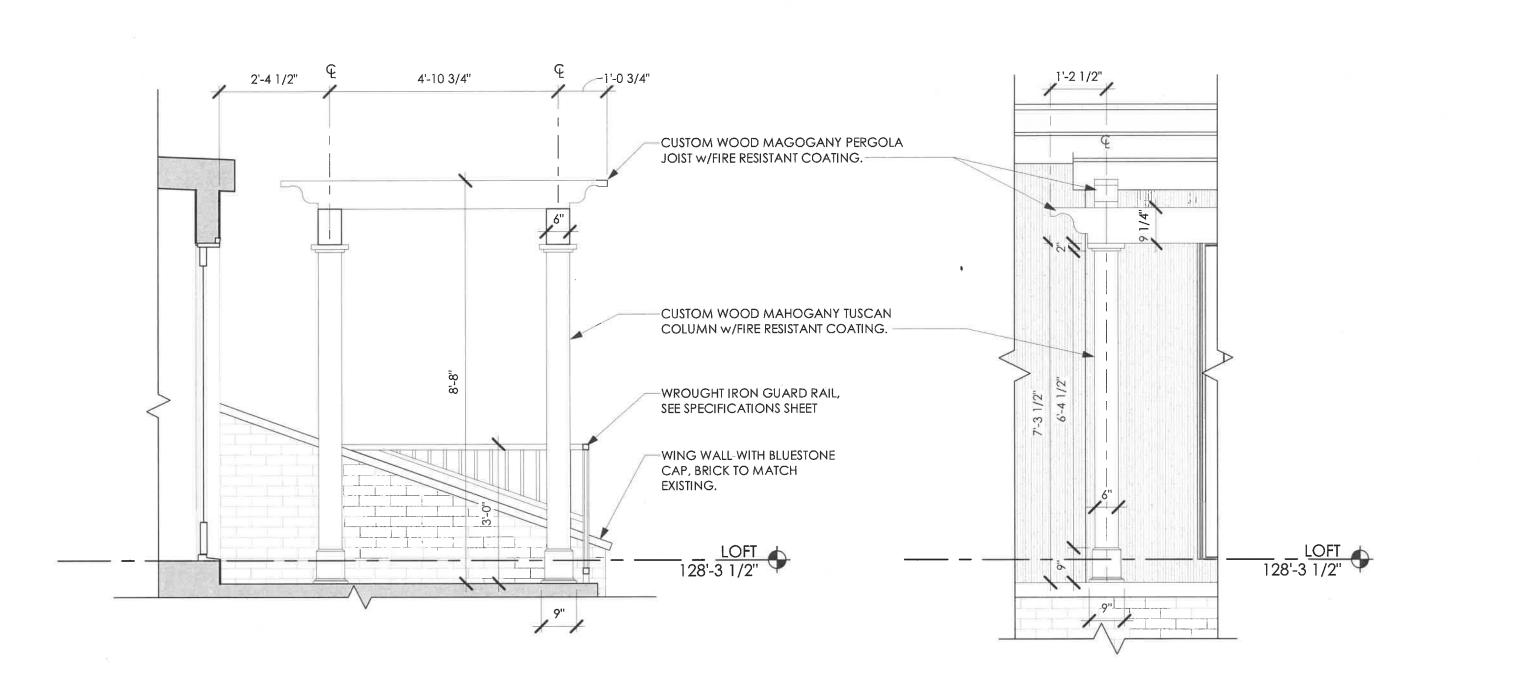
2

N.T.S

124 State Street Portsmouth, NH 03801

© 2021





$$\frac{\text{BUILDING SECTION AT PROPSED BALCONY}}{1/2" = 1'-0"} 2 PROPOSE PERGE$$

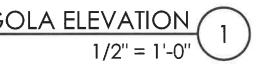
Ludes Residence

PROPOSED SECTION AND ENLARGED ELEVATION

124 State Street Portsmouth, NH 03801 1/2" = 1'-0"



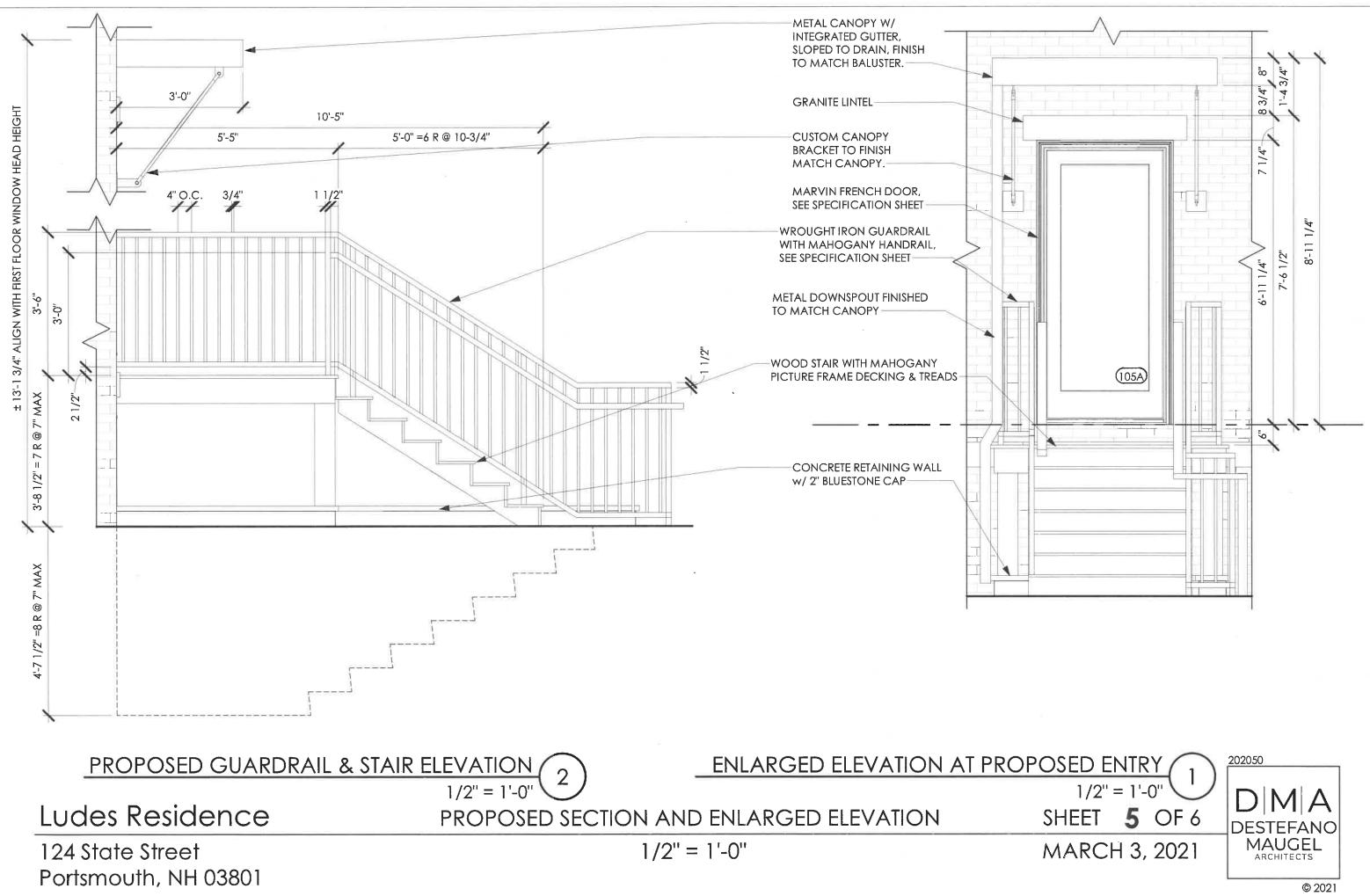
202050



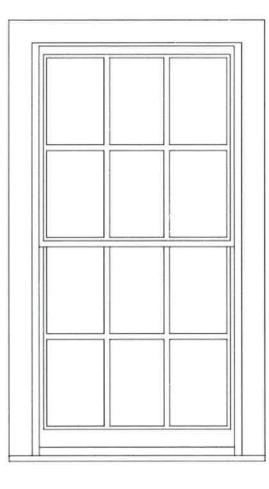
MARCH 3, 2021

4 OF 6

SHEET



GREEN MOUNTAIN CLASSIC DOUBLE HUNG WINDOW WINDOW TYPE - A

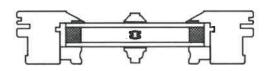


GREEN MOUNTAIN DOUBLE HUNG EGRESS STYLE WINDOW WINDOW TYPE - B



Green Mountain Window's DH Style Egress Window®

SDL STICKING WITH BLACK PUTTY SPACER BAR TO MATCH EXISTING MUNTIN THICKNESS. 5/8" SPACER USED AS EXAMPLE. CONTRACTOR TO VERIFY IN FEILD.



5/8" SDL with Spacer Bar

MARVIN SIGNATURE ULTIMATE SWINGING FRENCH DOOR DOOR TYPE - 105A



CUSTOM WROUGHT IRON SECURITY BARS AT WINDOW WELLS



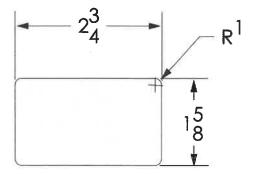
Ludes Residence

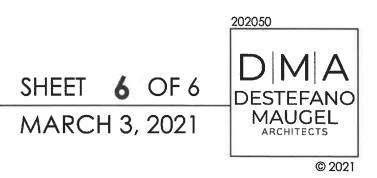
124 State Street Portsmouth, NH 03801

SPECIFICATIONS

CUSTOM - MINIMALIST WROUGHT IRON GURDRAIL WITH INTEGRATED MAHOGANY HANDRAIL







2. 65 (53-67) Bow Street - Recommended Approval

Background: The applicant is seeking approval to replace the roofing with asphalt shingles, replace (10) skylights, remove (2) skylights, and all associated flashing.

<u>Staff Comment</u>: Recommended Approval

Stipulations:

1.	
2.	
3.	



03/05/2021

LUHD-281

Historic District Commission Work Session or Administrative Approval Application

Status: Active

Date Created: Feb 19, 2021

Applicant

Ben Auger ben@augerbuildingcompany.com 255 Portsmouth Avenue Greenland, NH 03840 603-430-9004 ext. 202 Location

65 BOW ST Portsmouth, NH 03801

Owner:

RYE ATLANTIC PROPERTIES LLC PO BOX 300 RYE, NH 03870-0300

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

Removal and replacement in-kind of asphalt shingles; removal and replacement of ten skylights; deletion of two skylights; reflashing of walls, chimney, and roof penetrations.

Description of Proposed Work (Planning Staff)

--

Acknowledgement

I certify that the information given is true and correct to the best of my knowledge.

 $\mathbf{\nabla}$

By checking this box, I agree that this is equivalent to a handwritten signature and is binding for all purposes related to this transaction

 $\mathbf{\nabla}$

53-67 Bow Street



MAP FOR REFERENCE ONLY NOT A LEGAL DOCUMENT

City of Portsmouth, NH makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Geometry updated 4/1/2019 Data updated 7/17/2019



65 Bow St, Portsmouth, NH 03801

scaffolding

61

12 Q.M.

Gift shop

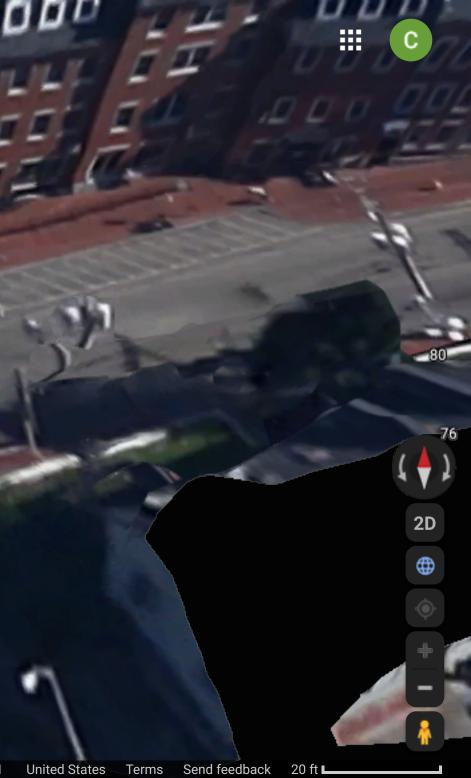
Old Ferry Landing Temporarily closed

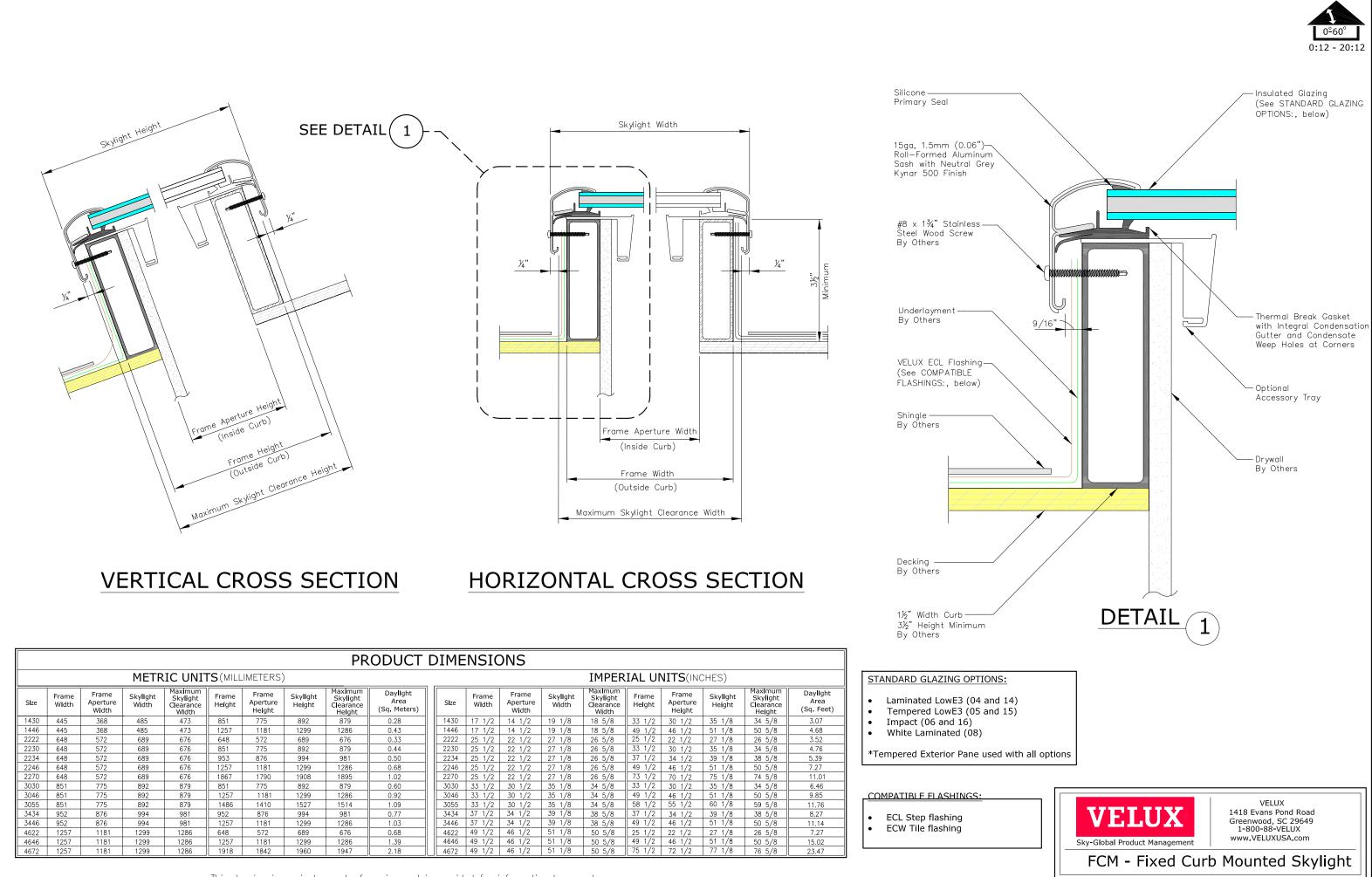
Google

reserved

parking

Imagery ©2021 Google, Imagery ©2021 Maine GeoLibrary, U.S. Geological Survey, Map data ©2021 United States Terms Send feedback 20 ft 💶

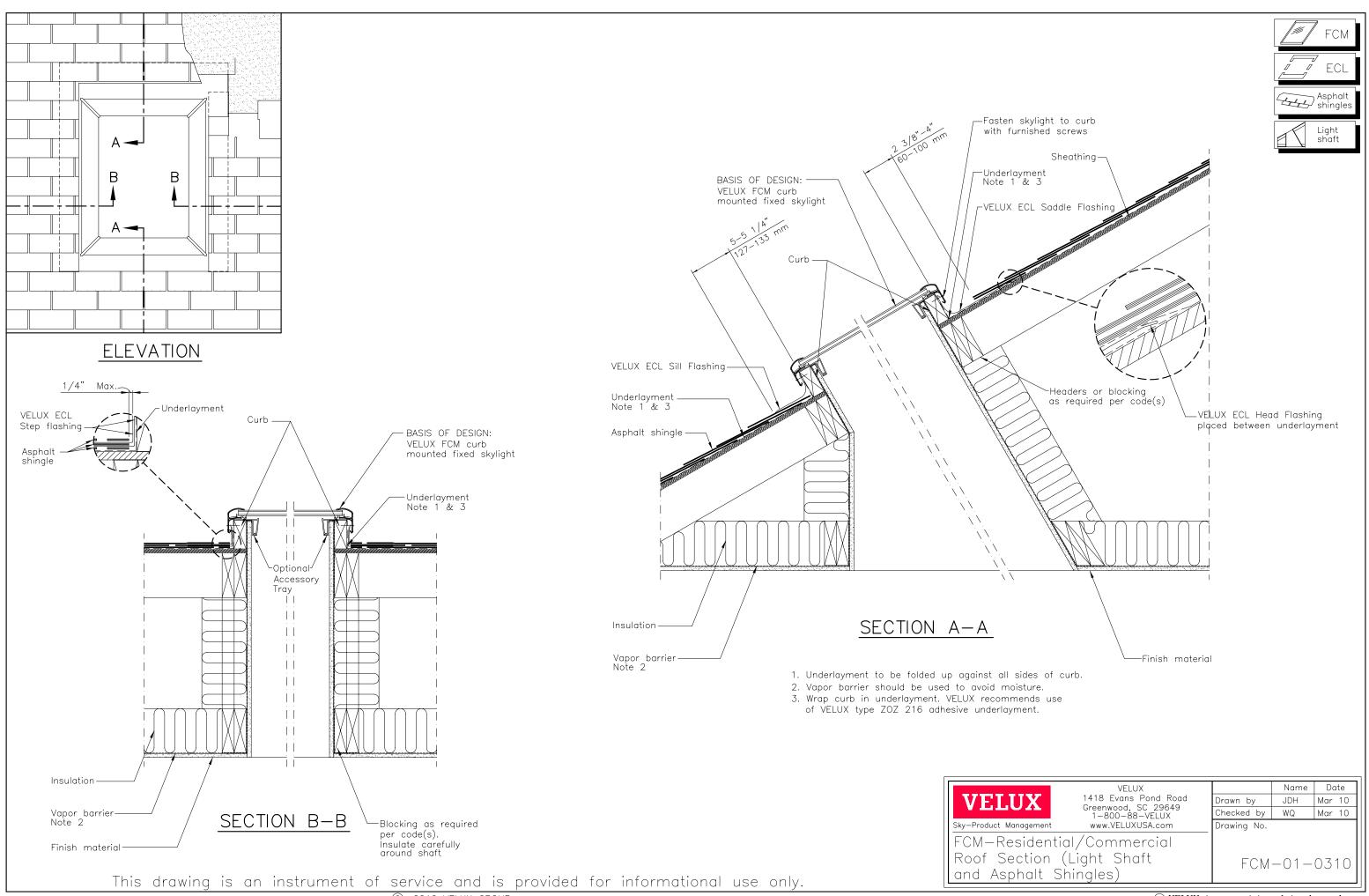




This drawing is an instrument of service and is provided for informational use only.

© 2021 VELUX GROUP

R VELUX is a registered trademark



© 2010 VELUX GROUP

(R) VELUX is a registered trademark



Fixed Curb Mount (FCM) Unit Skylight - Guide Specification

For over 70 years, VELUX has been delivering energy efficient daylight to living spaces where people, live, work, and play. VELUX is the world leader in harnessing the benefits of the sun, providing energy efficient top lighting solutions, and recognized as one of the strongest brands in the global materials and home improvement industry.

VELUX FCM skylights are designed for commercial and residential flat and sloped roof applications. Daylighting provided through VELUX skylights improves the energy efficiency and visual comfort of these residential and commercial spaces. The VELUX FCM skylight is a category leader with a maintenance free frame, structural seal, and durable thermal pane options with performance levels meeting project specifications. The thermal pane glazing options carry a 20 year warranty against seal failure, and have a specially formulated $LoE^3 - 366^{M}$ coating. This coating, specifically designed for skylight applications, provides a high visible light transmission while reducing solar heat gain and UV penetration.

VELUX test facilities ensure that new products comply with regulations and market demands for technical performance. VELUX testing ensures that our products are able to withstand the most difficult climatic conditions to which VELUX products are typically exposed to in the markets where they are sold. Our test procedures include load capacity, air and water tightness in a test chamber and a weather simulator, mechanical tests, impact test results, durability tests, U-factor and solar heat gain tests, burn brand resistance and visual inspection of the surface quality.

Contact **VELUX America Inc.**, Greenwood, SC 29648; <u>www.VELUXusa.com</u>; 800-888-3589, <u>specifications@veluxusa.com</u>.

VELUX[®] is a registered trademark of VKR Holding A/S This document is Copyright[®] 2014 by VELUX America, Inc.

SECTION 08 62 00 –UNIT SKYLIGHTS

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Fixed curb mount unit skylight with formed curb counterflashing for mounting on prefabricated roof curbs, for flat, low-slope and steep-slope roofing applications.

1.2 RELATED REQUIREMENTS

Specifier: If retaining optional "Related Sections" article, edit to include sections applicable to Project.

- A. Section 061053 "Miscellaneous Rough Carpentry" for site-built wood roof curbs for unit skylights.
- B. Division 07 roofing section for flashing and roofing terminations at unit skylight curbs.
- C. Section 077200 "Roof Accessories" for manufactured metal roof curbs for tubular unit skylights.
- D. Section 086300 "Metal-Framed Skylights" for aluminum-framed sloped glazing assemblies.

1.3 REFERENCE STANDARDS

Specifier: If retaining optional "References" article, edit to include standards cited in edited Section.

- A. General: Applicable edition of references cited in this Section is current edition published on date of issue of Project specifications, unless otherwise required by building code in force.
- B. American Architectural Manufacturers Association (<u>www.aama.net</u>), Window & Door Manufacturers Association (<u>www.wdma.com</u>), Canadian Standards Association (<u>www.csagroup.org/us/en/services</u>)
 - 1. AAMA/WDMA/CSA 101/I.S.2/A440 North American Fenestration Standard/ Specification for Windows, Doors, and Skylights (NAFS)
 - 2. CSA A440S1-09 Canadian Supplement to AAMA/WDMA/CSA 101/I.S.2/A440
 - 3. AAMA 501.2 Quality Assurance and Diagnostic Water Leakage Field Check of Installed Storefronts, Curtain Walls, and Sloped Glazing Systems
 - 4. AAMA 2603 Voluntary Specification, Performance Requirements and Test Procedures for Pigmented Organic Coatings on Aluminum and Panels
- C. ASTM International: <u>www.astm.org</u>:
 - 1. ASTM B 209 Standard Specification for Aluminum and Aluminum-Alloy Sheet and Plate
 - 2. ASTM E 108 Standard Test Methods for Fire Tests of Roof Coverings
 - 3. ASTM E 283 Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specified Pressure Differences Across the Specimen
 - 4. ASTM E 331 Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference
 - 5. ASTM E 408 Standard Test Methods for Total Normal Emittance of Surfaces Using Inspection-Meter Techniques

- 6. ASTM E 1886 Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials
- ASTM E 1996 Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes
- D. Code of Federal Regulations:
 - 1. 29 CFR 1910.23 (e) (8) Occupational Safety and Health Standards for Walking-Working Surfaces to Guard Floor and Wall Openings and Holes
- E. Illuminating Engineering Society of North America (IESNA): <u>www.ies.org</u>:
 - 1. IESNA The Lighting Handbook.
- F. National Fenestration Rating Council: <u>www.nfrccommunity.org</u>:
 - 1. NFRC 100 Procedure for Determining Fenestration Product U-factors
 - 2. NFRC 200 Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence
- G. National Fire Protection Association: <u>www.nfpa.org</u>:
 - 1. NFPA 70 National Electrical Code
- 1.4 COORDINATION

Specifier: Retain option in paragraph below that corresponds to the type of curb used on Project.

- A. Coordinate dimensions, locations, and details of skylight curbs [specified in Section 061053 "Miscellaneous Carpentry"] [specified in Section 077200 "Roof Accessories"] with unit skylight curb flashings. Verify requirements for roofing system terminations.
- B. Coordinate unit skylight interior termination locations with structural layout, ceiling grid layouts, and other ceiling-mounted items.
- 1.5 PREINSTALLATION MEETINGS
 - A. Preinstallation Conference: Conduct conference at Project site prior to delivery of unit skylight and installation of roof deck.
- 1.6 ACTION SUBMITTALS
 - A. Product Data: For unit skylights. Include standard construction details, product performance characteristics, and material descriptions, dimensions of individual components and profiles, and finishes.
 - 1. Include test reports of qualified independent testing agency or third party certificates verifying compliance with performance requirements.

Specifier: Retain "LEED Submittals" Paragraph when required for Project; this Paragraph stipulates documentation required from Contractor to support cited construction-phase credits.

Review design-phase credits available related to unit skylights, including contribution to IEQ Cr 6.1 Controllability of Systems, IEQ Cr 8.1. Daylighting, EA Cr 1 Energy Optimization, and ID Cr 1 Innovation in Design credits. Consult VELUX representative for detailed support data.

- B. LEED Submittals:
 - 1. Credit MR 4 Recycled Content: Documentation indicating the following:
 - a. Percentages by weight of post-consumer and pre-consumer recycled content.
 - b. Total weight of products provided.
 - c. Include statement indicating costs for each product having recycled content.
- C. Shop Drawings: For unit skylight work. Include plans, elevations, sections, details, and connections to supporting structure and other adjoining work.
 - 1. Lighting photometric study indicating compliance with performance requirements in accordance with IESNA. Include layout, spacing criteria and foot-candle report.

1.7 INFORMATIONAL SUBMITTALS

Specifier: Retain paragraphs below when Project requirements include compliance with Federal Buy American provisions. VELUX Fixed Curb Mount skylights complies with requirement.

- A. Buy American Act Certification: Submit documentation certifying that products comply with provisions of the Buy American Act 41 U.S.C 10a 10d.
- B. Florida State Product Approval Listing Number: Indicating that products comply with requirements of Florida State Building Code. <u>www.floridabuilding.org/pr/pr_app_srch.aspx</u>
- C. Warranty: Sample of special warranty.
- 1.8 CLOSEOUT SUBMITTALS
 - A. Operation and Maintenance Data.
- 1.9 QUALITY ASSURANCE

Specifier: VELUX America, Inc. has been producing skylights in the US for over 30 years and in Europe for an additional 30 years prior to that. VELUX has a reputation among architects and contractors as the most reliably performing skylight in the world.

A. Manufacturer Qualifications: A qualified manufacturer listed in this Section with minimum 30 years' experience in the US manufacturing similar products in successful use on similar projects and able to provide unit skylights meeting requirements.

Specifier: Retain "Approval of Manufacturers and Comparable Products" Subparagraph if Owner will consider product substitutions.

- 1. Approval of Manufacturers and Comparable Products: Submit the following in accordance with project substitution requirements, within time allowed for substitution review:
 - a. Completed and signed Substitution Request form.
 - b. Product data, including photometric data and independent test data indicating compliance with requirements.
 - c. Sample product warranty.

1.10 WARRANTY

- A. Manufacturer's Warranty: Manufacturer's standard form in which manufacturer agrees to repair or replace components of unit skylights that fail in materials or workmanship under normal use within specified warranty period.
 - 1. Failures include, but are not limited to, the following:
 - a. Deterioration of metals, metal finishes, dome, and other materials beyond normal weathering.
 - b. Breakage of glazing.
 - 2. Warranty Period:
 - a. Unit Skylight and Flashing Product Warranty: 10 years from date of purchase.
 - b. Unit Skylight and Flashing Installation "No Leak" Warranty: 10 years from date of purchase.
 - c. Hail Breakage Warranty for Skylight Glass: 10 years from the date of purchase on all insulated glass units using laminated glass.
 - d. Insulating Glass Seal Failure Warranty: 20 years from date of purchase.

PART 2 - PRODUCTS

- 2.1 MANUFACTURERS
 - A. Basis-of-Design Product: Subject to compliance with requirements, provide products of **VELUX America Inc.**, Greenwood, SC 29648; <u>www.VELUXusa.com</u>; (800) 878-3589, <u>specifications@veluxusa.com</u>.

Specifier: Retain "Substitutions" Paragraph and select one of two options based upon Project requirements.

- B. Substitutions: [None allowed by Owner] [As permitted under Instructions to Bidders and Section 012500 "Substitution Procedures"].
- C. Source Limitations: Obtain unit skylights through single source from single manufacturer.
- 2.2 Fixed Curb Mounted (FCM) Unit Skylights
 - A. System Description: Fixed curb mounted unit skylight with a roll-formed aluminum frame counter-flashing joined by corner keys, an interior condensation drainage gasket, an insulated glass unit, structural sealant, mounting fasteners, flashing and accessories, as required to meet installation and performance requirements indicated. FCM skylights shall be suitable for installation on roof curbs ranging from 0 degrees up to 60 degrees from horizontal.

1. Basis of Design: VELUX America, Inc, Model FCM Fixed Curb Mount Skylight.

Specifier: **FCM** standard unit sizes are not available as a stocked product for all glazing options. Specify special width and height sizes by "make sizes" which are maximum skylight clearance dimensions. The minimum make size width is 18.75 inches (476 mm) and maximum make size width is 50.75 inches (12.9 cm). The minimum make size height is 18.75 inches (476 mm) and maximum make size height is 76.5 inches (19.4 cm). Make size dimensions are only available in $\frac{1}{4}$ inch (6 mm) increments (0, $\frac{1}{4}$, $\frac{1}{2}$, $\frac{3}{4}$) for width and height.

- B. Aluminum Frame Counter-flashing: Maintenance-free, roll-formed aluminum, 15 gauge, 0.06 inch (1.5 mm) thick with neutral grey Kynar® 500 polyvinylidene fluoride resin finish. Counter-flashing frames joined with neutral grey corner keys constructed from injection molded Acrylonitrile Styrene Acrylate (ASA)-Luran.
 - 1. Unit Sizes: [1430], [1446], [2222], [2230], [2234], [2246], [2270], [3030], [3046], [3434], [3446], [4646], [special order] [as indicated on Drawings].
- C. Condensation Drainage Gasket: Factory applied black thermoplastic rubber gasket mounted around the entire interior aluminum frame assembly providing a thermal break weather seal and drainage for interior condensation.
- D. Insulated Glass Unit: Factory assembled with low emissivity exterior pane and clear interior pane separated by a stainless steel spacer sealing the space between panes with 95% argon gas.

Specifier: Retain 0.125 inch thick pane for FCM sizes less than 4646, and for FCM sizes 4646 and greater retain 0.16 inch thick pane. Retain "Neat® exterior coating" when specifying laminated interior pane.

1. Exterior Pane: [0.125 inch (3mm)] [0.16 inch (4mm)] thick tempered glass with [Neat® exterior coating and] interior surface coated with three layers of low emissivity silver (LoE³) coatings.

Specifier: Retain one of the three interior pane options below. VELUX product codes list the tempered interior pane as 05 glazing. Laminated panes are listed by VELUX as 04 with clear interlayer, 08 "White laminated" with white interlayer. VELUX offers two interior pane options for wind-borne debris regions. The wind-borne debris laminated interior pane with standard polyvinyl butyral interlayer is listed by VELUX as an impact 06 glazing for use in wind zone 3 regions requiring a class C missile level. VELUX lists the wind-borne debris pane with Sentryglasplus® interlayer as Miami-Dade 07 glazing which is certified for use in Miami-Dade portions of Florida. Laminated panes are typically required by building codes when any portion of the glass is higher than 12 feet above finished floor. VELUX laminated panes are marketed as "Clean, Quiet and Safe" glass.

- 2. Interior Pane:
 - a. Tempered, Clear 0.125 inch (3mm) tempered glass
 - b. Laminated, Two clear 0.090 inch (2.3 mm) heat-strengthened panes with a 0.030 inch (0.76 mm) [clear] [white] polyvinyl butyral interlayer sandwiched together.
 - c. Laminated for wind-borne debris regions, Two clear 0.090 inch (2.3 mm) heatstrengthened panes with a 0.090 inch (2.3 mm) clear [polyvinyl butyral] [Sentryglasplus®] interlayer sandwiched together.

E. Structural Sealant: Factory applied silicone sealant, black color, bonding the glass pane to the aluminum frame and suitable for external exposure.

Specifier: FCM skylight sizes 1430, 1446, 2222, 2230, 2234, 2246 supplied with 12 mounting fasteners, and FCM skylights sizes 2270, 3030, 3046, 3434, 3446 and 4646 supplied with 14 mounting fasteners. FCM skylights using Miami-Dade 07 glazing in sizes larger than 2222 require 20 screws.

F. Mounting Fasteners: #8 x 1.75 inch (44 mm) stainless steel, black zinc coated, self-drilling screws provided with skylight. [12] [14] [20] field installed screws secures skylight to site built curb as indicated in manufacturer's installation instructions.

2.3 Flashings

Specifier: Type ECL step flashing designed for use with roofing material less than 0.75 inch (19 mm) thick (typically asphalt shingles, cedar shingles and slate) and for use on roof slopes 10 degrees or greater and not more than 60 degrees. Type ECW high profile flashing designed for use with high profiled roofing materials (clay tile, concrete tile and cedar shakes) not greater than 4.75 inches (120 mm) in height, and for use on roof slopes 14 to 60 degrees. ECL or ECW flashing is required with skylight in order for VELUX 10 year "No Leak" warranty to be valid.

- A. Step Flashing: Roll formed aluminum, neutral grey finish, factory engineered and fabricated seams, consisting of head flashing, sill flashing, step flashing pieces and adhesive underlayment suitable for use with 4 inch (100 mm) and 6 inch (150 mm) curbs on roof pitches 10 to 60 degrees from horizontal.
 - 1. Basis of Design: VELUX America, Inc, ECL Step Flashing.
 - 2. Size: As required for skylight sizes indicated.
 - 3. Material:
 - a. Head flashing 23 gauge (0.57 mm) thick aluminum with polyester lacquer finish.
 - b. Sill flashing 22 gauge (0.65 mm) thick aluminum with Kynar 500 finish.
 - c. Step pieces 23 gauge (0.57 mm) thick aluminum with polyester lacquer finish.
 - d. Adhesive underlayment: 9 inches (229 mm) wide x 21 feet (6.4 m) length x 0.03 inch (0.8 mm) thick, SBS modified bitumen with white polyethylene backing sheet.
- B. High Profile Flashing: Roll formed aluminum, neutral grey finish, factory engineered and fabricated seams, consisting of head flashing, sill flashing, side gutter pieces, counter flashing and adhesive underlayment suitable for use with 4 inch (100 mm) and 6 inch (150 mm) curbs on roof pitches 14 to 60 degrees from horizontal.
 - 1. Basis of Design: VELUX America, Inc, ECW High Profile Flashing.
 - 2. Size: As required for skylight sizes indicated.
 - 3. Material:
 - a. Head flashing 23 gauge (0.57 mm) thick aluminum with polyester lacquer finish.
 - b. Sill flashing 22 gauge (0.65 mm) thick aluminum with Kynar 500 finish and 9 inch (229 mm) pleated apron.
 - c. Side gutter pieces 23 gauge (0.57 mm) thick aluminum with polyester lacquer finish.
 - d. Counter-flashing 23 gauge (0.57 mm) thick with 4 inch (100 mm) curb counter flashing, aluminum with polyester lacquer finish.

e. Adhesive underlayment: 12 inches (305 mm) width x 21 feet (6.4 m) length x 0.03 inch (0.8 mm) thickness, SBS modified bitumen with white polyethylene backing sheet.

2.4 ACCESSORIES

Specifier: VELUX accessory tray (ZZZ 199) required for blind installation in FCM skylight. Accessory tray only available in VELUX standard FCM sizes and for FCM standard sizes mounted at a 90 degree rotation. VELUX recommends installing blinds with at least 10 degrees of pitch to ensure proper operation.

- A. Accessory Tray: Rigid white fiberglass frame, site assembled, mounts directly to site built curb for interior mounting of VELUX blinds. Provide for units in which blinds are indicated.
 - 1. Basis of Design: VELUX America, Inc, Accessory Tray Model ZZZ 199.

Specifier: Retain only one of two options below based on project requirements. Venetian blind only available in white color.

- B. Blinds: [Field installed] [Factory installed]
 - 1. Manual operation with [blackout] [light filtering] [venetian] blind type with [white] [beige] [special] color as indicated on drawings. [Blind operation controlled by adjustable length telescopic rod.]
 - 2. Solar operation with [blackout] [light filtering] blind type with [white] [beige] [special] color as indicated on drawings. 24 volt dc blinds operated via 2.4 GHz radio frequency [basic wall mounted remote control provided with blind] [control pad provided separately].

2.5 PERFORMANCE REQUIREMENTS

 Unit Skylight Standard, FCM 4646 or smaller unit with tempered Lo-E 366 coated exterior glass pane and interior pane as follows: AAMA/WDMA/CSA 101/I.S.2/A440 (NAFS-11 or previous):

Specifier: Retain first four Subparagraphs below and delete following four Subparagraphs for IBC 2012 and 2015 code requirements; verify requirements of authorities having jurisdiction. In paragraphs "Performance Grade" and "Design Pressure", select only interior glazing option meeting project requirements. Refer to specification section 2.2.D.2 for additional interior pane details and descriptions.

- 1. Performance Grade (Primary Designator):
 - a. [Laminated with 0.030 inch (0.76 mm) Interlayer: "SKG-PG120 Size Tested 1308 x 1308 mm (51 x 51 in.)".]
 - b. [Tempered: "SKG-PG100 Size Tested 1308 x 1308 mm (51 x 51 in.)".]
 - c. [Laminated with 0.090 inch (2.3 mm) PVB Interlayer: "SKG-PG100 Size Tested 1308 x 1308 mm (51 x 51 in.)".]
- 2. Design Pressure (DP):
 - a. [Laminated with 0.030 inch (0.76 mm) Interlayer: DP = +250/-120 psf (+11.9/-5.75 kPa)]
 - b. [Tempered: DP = +100/-140 psf (+4.9/-6.7 kPa)]

- c. [Laminated with 0.090 inch (2.3 mm) PVB Interlayer: DP = +100/-80 psf (+4.9/-3.83 kPa)]
- 3. Water Test Pressure: 15 psf (0.72 kPa) with no leakage at 5 gallons per minute spray rate.
- 4. Air Leakage Rate: 0.030 cfm/ft² maximum.

Specifier: Delete first four Subparagraphs above and retain first four Subparagraphs below for IBC 2009 and NBC code requirements, including CSA A440S1-09; verify requirements of authorities having jurisdiction. In paragraphs "Performance Class and Grade" and "Design Pressure", select only interior glazing option meeting project requirements. Refer to specification section 2.2.D.2 for additional interior pane details and descriptions.

- 5. Performance Class and Grade (Primary Designator)
 - a. [Laminated with 0.030 inch (0.76 mm) Interlayer: "Class CW-PG90 Size Tested 1308 x 1308 mm (51 x 51 in.)-SKG".]
 - [Tempered: "Class CW-PG100 Size Tested 1308 x 1308 mm (51 x 51 in.)-SKG".
]
 - c. [Laminated with 0.090 inch (2.3 mm) PVB Interlayer: "Class CW-PG60 Size Tested 1308 x 1308 mm (51 x 51 in.)-SKG".]
- 6. Design Pressure (DP):
 - a. [Laminated with 0.030 inch (0.76 mm) Interlayer: DP = +175/-90 psf (+8.38/-4.3 kPa)]
 - b. [Tempered: DP = +100/-105 psf (+4.9/-5.03 kPa)]
 - c. [Laminated with 0.090 inch (2.3 mm) PVB Interlayer: DP = +100/-60 psf (+4.9/-2.87 kPa)]
- 7. Water Test Pressure: 15 psf (0.72 kPa) with no leakage at 5 gallons per minute spray rate.
- 8. Canadian Air Infiltration/Exfiltration Rating: Fixed. (0.2 L/s/m² maximum)
- B. Unit Skylight Standard, 2270 size and smaller unit with tempered Lo-E 366 coated exterior glass pane and laminated interior pane with 0.030 inch (0.76 mm) interlayer.
 AAMA/WDMA/CSA 101/I.S.2/A440 (NAFS-11 or previous):

Specifier: Retain first four Subparagraphs below and delete following four Subparagraphs for IBC 2012 and 2015 code requirements; verify requirements of authorities having jurisdiction.

- 1. Performance Grade (Primary Designator): "SKG-PG100 Size Tested 660 x 1854 mm (26 x 73 in.)".
- 2. Design Pressure (DP): +200/-100 psf (+9.58/-4.79 kPa).
- 3. Water Test Pressure: 15 psf (0.72 kPa) with no leakage at 5 gallons per minute spray rate.
- 4. Air Leakage Rate: 0.030 cfm/ft² maximum

Specifier: Delete first four Subparagraphs above and retain first four Subparagraphs below for IBC 2009 and NBC code requirements, including CSA A440S1-09; verify requirements of authorities having jurisdiction.

- 5. Performance Class and Grade (Primary Designator): "SKG-PG75 Size Tested 660 x 1854 mm (26 x 73 in.).
- 6. Design Pressure (DP): +150/-75 psf (+7.18/-3.59 kPa).

- 7. Water Test Pressure: 15 psf (0.72 kPa) with no leakage at 5 gallons per minute spray rate.
- 8. Canadian Air Infiltration/Exfiltration Rating: Fixed (0.2 L/s/m² maximum).
- C. Daylighting: Provide daylighting photometric performance comparable to basis of design product at layout indicated, based upon daylighting profile of March 21, 9:00 am local time, at Project location by simulation in accordance with IESNA guidelines.
- D. Air Infiltration: Maximum air leakage through tested size of 0.030 cfm/sq. ft. (1.5 L/s/sq. m) of fixed area as determined according to ASTM E 283 at a static-air-pressure differential of 1.57 lbf/sq. ft. (75Pa.)
- E. Water Penetration under Static Pressure: No evidence of water penetration through unit when tested according to ASTM E 331 at a static-air-pressure differential of 15 lbf/sq. ft. (720 Pa).

Specifier: Retain one of the "Windborne Debris Resistance" Paragraphs if required by authorities having jurisdiction. Select FCM 0006 or 0007 glazing when retaining this Paragraph. FCM 0006 glazing is typically for use in windborne debris areas classified as Wind Zone 3 or less. FCM 0007 glazing meets Miami-Dade requirements and windborne debris areas classified as High Velocity Hurricane Zone or Wind Zone 4.

- F. Windborne-Debris Resistance:
 - 1. [Wind Zone 3 or Less: Provide unit skylights capable of resisting impact from windborne debris, based on the pass/fail criteria as determined from testing glazed representative of those specified, according to ASTM E 1886 and ASTM E 1996. Missile Level C, Wind Zone 3 requirements, and +50/-50 psf cycle pressure minimum.]
 - [Miami-Dade (High Velocity Hurricane Zone) or Less: Provide unit skylights capable of resisting impact from windborne debris, based on the pass/fail criteria as determined from testing glazed representative of those specified, according to TAS 201 and TAS 203: Florida Building Code HVHZ requirements, and +70/-70 psf cycle pressure minimum. ("Miami-Dade" protocols)]
- G. Fire Ratings for Roof Assemblies with Fire Classifications: Unit skylight tested in accordance with ASTM E 108 and listed as passing Burning Brand test with target classification of Class B.
- H. Energy Performance ratings for any size fixed curb mounted unit skylight with tempered Lo-E 366 coated exterior glass pane and interior pane as follows:

Specifier: Retain only interior pane option in the 3 paragraphs below that corresponds to the type of insulated glass pane used on Project.

- 1. Thermal Transmittance: NFRC 100 maximum U-factor:
 - a. [Clear Laminated with 0.030 inch (0.76 mm) Interlayer: 0.48 Btu/hr*ft2*deg F (2.73 W/m2*deg C).]
 - b. [Tempered: 0.49 Btu/hr*ft2*deg F (2.78 W/m2*deg C).]
 - c. [Laminated with 0.090 inch (2.3 mm) PVB Interlayer: 0.46 Btu/hr*ft2*deg F (2.61 W/m2*deg C).]
 - d. [Laminated with 0.090 inch (2.3 mm) Sentryglasplus® Interlayer: 0.46 Btu/hr*ft2*deg F (2.61 W/m2*deg C).]

- e. [White Laminated with 0.030 inch (0.76 mm) Interlayer: 0.48 Btu/hr*ft2*deg F (2.73 W/m2*deg C).]
- 2. Solar Heat-Gain Coefficient (SHGC): NFRC 200 maximum SHGC:
 - a. [Clear Laminated with 0.030 inch (0.76 mm) Interlayer: 0.27]
 - b. [Tempered: 0.27]
 - c. [Laminated with 0.090 inch (2.3 mm) PVB Interlayer: 0.27]
 - d. [Laminated with 0.090 inch (2.3 mm) Sentryglasplus® Interlayer: 0.27]
 - e. [White Laminated with 0.030 inch (0.76 mm) Interlayer: 0.26]
- 3. Visible Transmittance (Vt): NFRC 200 maximum Vt:
 - a. [Clear Laminated with 0.030 inch (0.76 mm) Interlayer: 0.63]
 - b. [Tempered: 0.64]
 - c. [Laminated with 0.090 inch (2.3 mm) PVB Interlayer: 0.62]
 - d. [Laminated with 0.090 inch (2.3 mm) Sentryglasplus® Interlayer: 0.63]
 - e. [White Laminated with 0.030 inch (0.76 mm) Interlayer: 0.47]
- I. Fall Protection Standard Compliance: 29 CFR 1910.23: Passed for all laminated fixed curb mount unit skylights.
- 2.6 MATERIALS
 - A. Aluminum Sheet: Flat sheet complying with ASTM B 209/B 209M.
 - B. Joint Sealants: As specified in Section 079200 "Joint Sealants."
 - C. Mastic Sealants: Polyisobutylene; nonhardening, nonskinning, nondrying, nonmigrating sealant.
- 2.7 FINISHES
 - A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
 - B. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.
- PART 3 EXECUTION
- 3.1 EXAMINATION
 - A. Examine openings, substrates, structural support, anchorage, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
 - B. Proceed with unit skylight installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

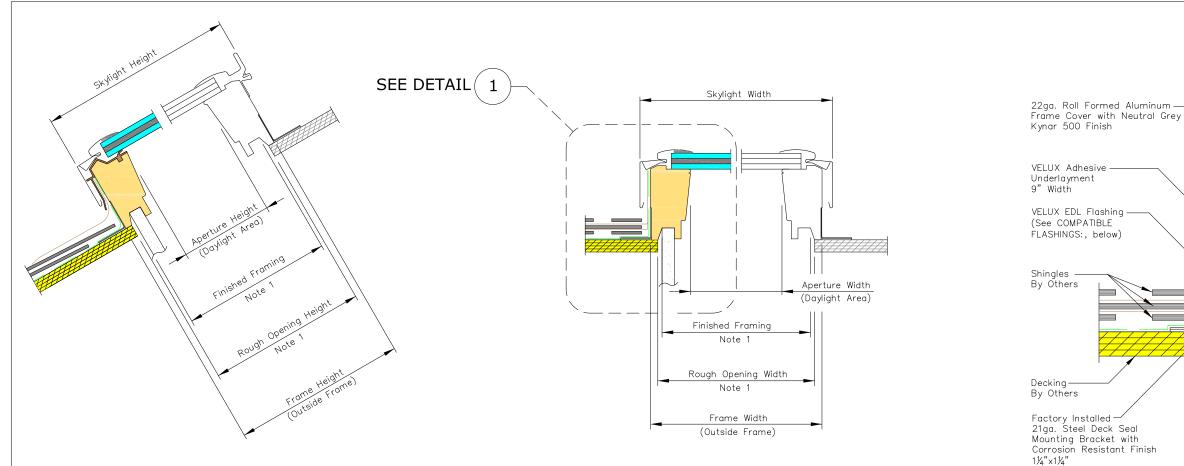
- A. Install unit skylights in accordance with manufacturer's written instructions and approved shop drawings. Coordinate installation of units with installation of substrates, air and vapor retarders, roof insulation, roofing membrane, and flashing as required to ensure that each element of the Work performs properly and that finished installation is weather tight.
 - 1. Anchor unit skylights securely to supporting substrates.
 - 2. Install unit skylights on curbs specified in another section with tops of curbs parallel to finished roof slope.
- B. Where metal surfaces of unit skylights will contact incompatible metal or corrosive substrates, including preservative-treated wood, apply bituminous coating on concealed metal surfaces, or provide other permanent separation recommended in writing by unit skylight manufacturer.
- C. For custom flashings, install unit skylight curb counter-flashing to produce weatherproof seal with curb and overlap with roofing system termination at top of curb.

3.3 FIELD QUALITY CONTROL

Specifier: Retain option in "Testing Agency" Paragraph below assigning responsibility for testing agency, if required.

- A. Testing Agency: [Owner will engage] [Engage] testing agency to perform tests and inspections.
 - 1. Test for water leaks according to AAMA 501.2 after installation and curing of sealants but prior to installation of interior finishes.
 - 2. Perform test for total area of each unit skylight.
- B. Work will be considered defective if it does not pass tests and inspections.
- C. Additional testing and inspections, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.
- D. Prepare test and inspection reports.
- 3.4 CLEANING AND PROTECTION
 - A. Clean exposed unit skylight surfaces according to manufacturer's written instructions. Touch up damaged metal coatings and finishes. Remove excess sealants, glazing materials, dirt, and other substances.
 - B. Replace glazing that has been damaged during construction period.
 - C. Protect unit skylight surfaces from contact with contaminating substances resulting from construction operations.

END OF SECTION



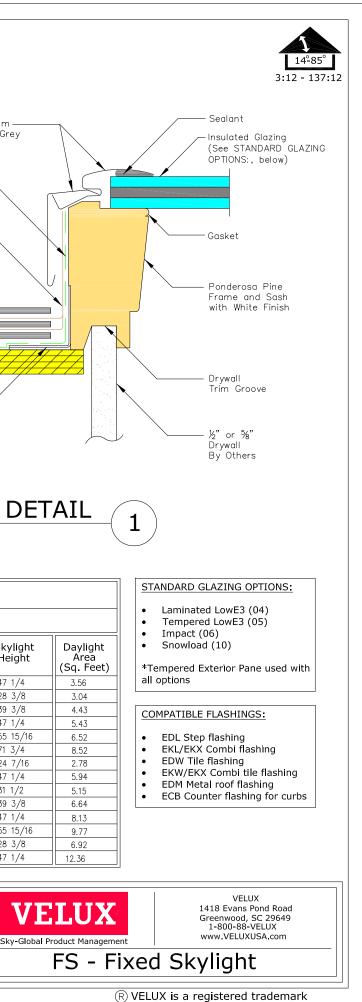
VERTICAL CROSS SECTION

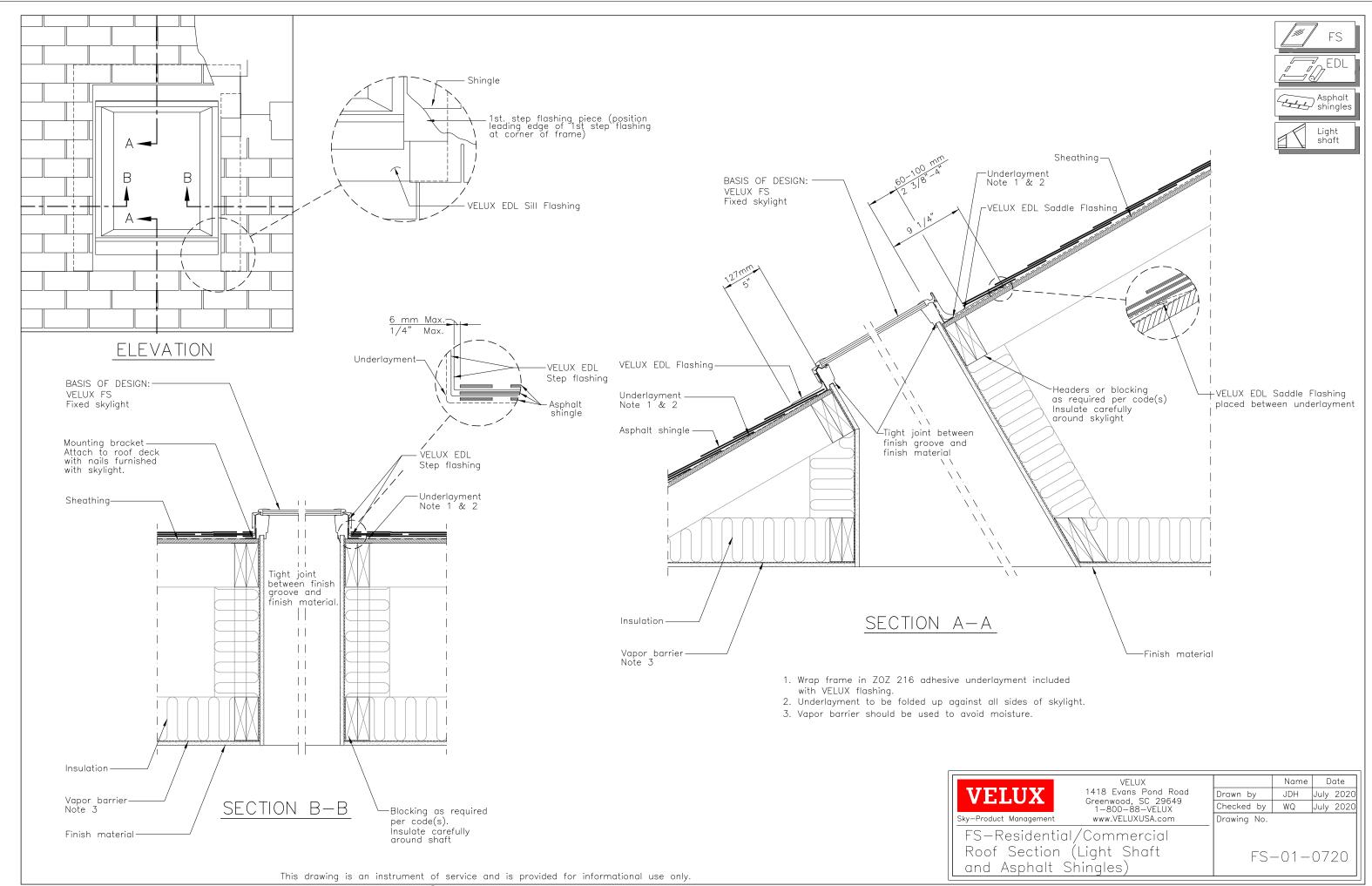
HORIZONTAL CROSS SECTION

Width Width Height Height <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>PR</th> <th>ODUCT DI</th> <th>MENSI</th> <th>ONS</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th>									PR	ODUCT DI	MENSI	ONS							
Width Width Height Height <th></th> <th></th> <th></th> <th></th> <th>METRIC UN</th> <th>ITS (MILLIME)</th> <th>TERS)</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>IMP</th> <th>ERIAL UNIT</th> <th>S (INCHES)</th> <th></th> <th></th> <th></th>					METRIC UN	ITS (MILLIME)	TERS)							IMP	ERIAL UNIT	S (INCHES)			
CO1 533 546 462 568 682 685 611 720 .282 C04 533 546 462 568 962 975 891 1000 .412 C06 533 546 462 568 1162 1175 1091 1200 .504 C08 533 546 462 568 1382 1395 1311 1420 .606 C12 533 546 462 568 1784 1797 1713 1822 .792 D26* 572 590 506 612 582 599 511 620 .259 D06* 572 590 506 612 1175 1091 1200 .552 M02 763 776 692 798 962 975 891 1000 .617 M04 763 776 692 798 962 975 891 1000	Size	Rough Opening Width	Frame Width	Aperture		Opening		Aperture	Skylight Height	Area	Size	Opening		Aperture		Rough Opening Height			Skylig Heigl
CO4 533 546 462 568 962 975 891 1000 .412 CO6 533 546 462 568 1162 1175 1091 1200 .504 CO8 533 546 462 568 1382 1395 1311 1420 .504 CO8 533 546 462 568 1382 1395 1311 1420 .606 C12 533 546 462 568 1784 1797 1713 1822 .792 D26* 572 590 506 612 182 175 1091 1200 .552 M02 763 776 692 798 762 775 691 800 .412 M04 763 776 692 798 962 975 891 1000 .617 M04 30 9/16 27 1/4 31 7/16 35 3/4 46 1/4 42 15/16 47	A06	368	387	303	409	1162	1175	1091	1200	.333	A06	14 1/2	15 1/4	11 15/16	16 1/8	45 3/4	46 1/4	42 15/16	47 1/-
C06 533 546 462 568 1162 1175 1091 1200 .504 C08 533 546 462 568 1382 1395 1311 1420 .504 C12 533 546 462 568 1784 1797 1713 1822 .792 D26* 572 590 506 612 582 599 511 620 .259 M02 763 776 692 798 762 775 691 800 .486 M04 763 776 692 798 962 975 891 1000 .617 M08 763 776 692 798 1162 1175 1091 1200 .754 M08 763 776 692 798 962 975 891 1000 .617 M08 763 776 692 798 1162 1175 1091 1200 .754 M08 763 776 692 798 1182 <td>C01</td> <td>533</td> <td>546</td> <td>462</td> <td>568</td> <td>682</td> <td>695</td> <td>611</td> <td>720</td> <td>.282</td> <td>C01</td> <td>21</td> <td>21 1/2</td> <td>18 3/16</td> <td>22 3/8</td> <td>26 7/8</td> <td>27 3/8</td> <td>24 1/16</td> <td>28 3/</td>	C01	533	546	462	568	682	695	611	720	.282	C01	21	21 1/2	18 3/16	22 3/8	26 7/8	27 3/8	24 1/16	28 3/
CO8 533 546 462 568 1382 1395 1311 1420 1606 C12 533 546 462 568 1784 1797 1713 1822 .792 D26* 572 590 506 612 582 599 511 620 .259 D06* 572 590 506 612 1162 1175 1091 1200 .552 MO2 763 776 692 798 762 775 691 800 .486 MO4 763 776 692 798 962 975 891 1000 .617 M08 763 776 692 798 1382 1395 1311 1420 .909 .617 M08 763 776 692 798 1382 1395 1311 1420 .909 .617 M08 763 776 692 798 1382 1395 1311 1420 .909 .617 M06 30 9/16 27 1/4	C04	533	546	462	568	962	975	891	1000	.412	C04	21	21 1/2	18 3/16	22 3/8	37 7/8	38 3/8	35 1/16	39 3/
C12 533 546 462 568 1784 1797 1713 1822 .792 D26* 572 590 506 612 582 599 511 620 .259 D06* 572 590 506 612 1162 1175 1091 1200 .552 M02 763 776 692 798 762 775 691 800 .486 M04 763 776 692 798 962 975 891 1000 .617 M08 763 776 692 798 1162 1175 1091 1200 .754 M04 763 776 692 798 962 975 891 1000 .617 M08 763 776 692 798 1182 1395 1311 1420 .909 .614 30 9/16 27 1/4 31 7/16 35 3/4 46 1/4 42 15/16 47 3/4 M08 763 776 692 798 1382 1395 13	C06	533	546	462	568	1162	1175	1091	1200	.504	C06	21	21 1/2	18 3/16	22 3/8	45 3/4	46 1/4	42 15/16	47 1/4
D26* 572 590 506 612 582 599 511 620 .259 D06* 572 590 506 612 1162 1175 1091 1200 .552 M02 763 776 692 798 762 775 691 800 .486 M04 763 776 692 798 962 975 891 1000 .617 M06 763 776 692 798 1162 1175 1091 1200 .754 M06 763 776 692 798 962 975 891 1000 .617 M08 763 776 692 798 1382 1395 1311 1420 .909 .617 M08 763 776 692 798 1382 1395 .111 1420 .909 .614 M08 301/16 30.9/16 27.1/4 31.7/16	C08	533	546	462	568	1382	1395	1311	1420	.606	C08	21	21 1/2	18 3/16	22 3/8	54 7/16	54 15/16	51 5/8	55 15/
D06* 572 590 506 612 1162 1175 1091 1200 .552 M02 763 776 692 798 762 775 691 800 .486 M04 763 776 692 798 962 975 891 1000 .617 M06 763 776 692 798 1162 1175 1091 1200 .754 M06 763 776 692 798 962 975 891 1000 .617 M08 763 776 692 798 1162 1175 1091 1200 .754 M08 763 776 692 798 1382 1395 1311 1420 .909 S01 1123 1136 1052 1158 682 695 611 720 .644 S06 1123 1136 1052 1158 1162 1175 1091 <td>C12</td> <td>533</td> <td>546</td> <td>462</td> <td>568</td> <td>1784</td> <td>1797</td> <td>1713</td> <td>1822</td> <td>.792</td> <td>C12</td> <td>21</td> <td>21 1/2</td> <td>18 3/16</td> <td>22 3/8</td> <td>70 1/4</td> <td>70 3/4</td> <td>67 7/16</td> <td>71 3/4</td>	C12	533	546	462	568	1784	1797	1713	1822	.792	C12	21	21 1/2	18 3/16	22 3/8	70 1/4	70 3/4	67 7/16	71 3/4
M02 763 776 692 798 762 775 691 800 .486 M02 30 1/6 30 9/16 27 1/4 31 7/16 30 30 1/2 27 3/16 31 M04 763 776 692 798 962 975 891 1000 .617 M06 763 776 692 798 1162 1175 1091 1200 .754 M08 763 776 692 798 1382 1395 1311 1420 .909 M08 763 776 692 798 1382 1395 1311 1420 .909 M08 763 136 1052 1158 682 695 611 720 .644 M08 30 1/6 30 9/16 27 1/4 31 7/16 31 7/16 34 5 1/16 54 7/16 54 7/16 54 7/16 54 7/16 54 7/16 54 7/16 54 7/16 54 7/16 54 7/16 54 7/16 <th< td=""><td>D26*</td><td>572</td><td>590</td><td>506</td><td>612</td><td>582</td><td>599</td><td>511</td><td>620</td><td>.259</td><td>D26*</td><td>22 1/2</td><td>23 1/4</td><td>19 15/16</td><td>24 1/16</td><td>22 15/16</td><td>23 7/16</td><td>20 1/8</td><td>24 7/</td></th<>	D26*	572	590	506	612	582	599	511	620	.259	D26*	22 1/2	23 1/4	19 15/16	24 1/16	22 15/16	23 7/16	20 1/8	24 7/
M04 763 776 692 798 962 975 891 1000 .617 M06 763 776 692 798 1162 1175 1091 1200 .754 M06 30 9/16 27 1/4 31 7/16 37 7/8 38 3/8 35 1/16 39 M08 763 776 692 798 1382 1395 1311 1420 .909 M08 30 1/16 30 9/16 27 1/4 31 7/16 45 3/4 46 1/4 42 15/16 47 M08 763 776 692 798 1382 1395 1311 1420 .909 M08 30 1/16 30 9/16 27 1/4 31 7/16 54 7/16 54 15/16 51 5/8 55 S01 1123 1136 1052 1158 682 695 611 720 .644 S06 44 1/4 44 3/4 41 7/16 45 9/16 26 7/8 27 3/8 24 1/16 28 S06 1123 </td <td>D06*</td> <td>572</td> <td>590</td> <td>506</td> <td>612</td> <td>1162</td> <td>1175</td> <td>1091</td> <td>1200</td> <td>.552</td> <td>D06*</td> <td>22 1/2</td> <td>23 1/4</td> <td>19 15/16</td> <td>24 1/16</td> <td>45 3/4</td> <td>46 1/4</td> <td>42 15/16</td> <td>47 1/4</td>	D06*	572	590	506	612	1162	1175	1091	1200	.552	D06*	22 1/2	23 1/4	19 15/16	24 1/16	45 3/4	46 1/4	42 15/16	47 1/4
M06 763 776 692 798 1162 1175 1091 1200 .754 M08 763 776 692 798 1382 1395 1311 1420 .909 S01 1123 1136 1052 1158 682 695 611 720 .644 M06 30 1/16 30 9/16 27 1/4 31 7/16 45 3/4 46 1/4 42 15/16 47 M08 763 776 692 798 1382 1395 1311 1420 .909 M08 30 1/16 30 9/16 27 1/4 31 7/16 45 3/4 46 1/4 42 15/16 51 5/8 55 S01 1123 1136 1052 1158 682 695 611 720 .644 44 1/4 44 3/4 41 7/16 45 9/16 26 7/8 27 3/8 24 1/16 28	M02	763	776	692	798	762	775	691	800	.486	M02	30 1/16	30 9/16	27 1/4	31 7/16	30	30 1/2	27 3/16	31 1/2
M08 763 776 692 798 1382 1395 1311 1420 .909 S01 1123 1136 1052 1158 682 695 611 720 .644 M08 30 1/16 30 9/16 27 1/4 31 7/16 54 7/16 54 15/16 51 5/8 55 S06 1123 1136 1052 1158 1162 1175 1091 1200 1.148 M08 30 1/16 30 9/16 27 1/4 31 7/16 54 7/16 54 15/16 51 5/8 55 S06 1123 1136 1052 1158 1162 1175 1091 1200 1.148 M08 30 1/16 30 9/16 27 1/4 31 7/16 54 7/16 54 15/16 51 5/8 55 S06 1123 136 1052 1158 1162 1175 1091 1200 1.148 M08 30 1/16 30 9/16 27 1/4 31 7/16 54 7/16 54 15/16 51 5/8 55 S06 1123 136 1052 1162 1175 1091 1200<	M04	763	776	692	798	962	975	891	1000	.617	M04	30 1/16	30 9/16	27 1/4	31 7/16	37 7/8	38 3/8	35 1/16	39 3/8
S01 1123 1136 1052 1158 682 695 611 720 .644 S06 1123 1136 1052 1158 682 695 611 720 .644 Image: S01 44 1/4 44 3/4 41 7/16 45 9/16 26 7/8 27 3/8 24 1/16 28 S06 1123 1136 1052 1158 1162 1175 1091 1200 1.148 S06 44 1/4 44 3/4 41 7/16 45 9/16 26 7/8 27 3/8 24 1/16 28	M06	763	776	692	798	1162	1175	1091	1200	.754	M06	30 1/16	30 9/16	27 1/4	31 7/16	45 3/4	46 1/4	42 15/16	47 1/4
S06 1123 1136 1052 1158 1162 1175 1091 1200 1.148 S06 44 1/4 44 3/4 41 7/16 45 9/16 45 3/4 46 1/4 42 15/16 47	M08	763	776	692	798	1382	1395	1311	1420	.909	M08	30 1/16	30 9/16	27 1/4	31 7/16	54 7/16	54 15/16	51 5/8	55 15/
	S01	1123	1136	1052	1158	682	695	611	720	.644	S01	44 1/4	44 3/4	41 7/16	45 9/16	26 7/8	27 3/8	24 1/16	28 3/8
	S06	1123	1136	1052	1158	1162	1175	1091	1200	1.148	S06	44 1/4	44 3/4	41 7/16	45 9/16	45 3/4	46 1/4	42 15/16	47 1/4
	BUILDE	R SERIES SK	YLIGHT	•															-

This drawing is an instrument of service and is provided for informational use only.

© 2019 VELUX GROUP





© 2020 VELUX GROUP

R VELUX is a registered trademark

VELUX America Inc. SPECIFICATION FOR MODEL FS "NO LEAK" FIXED SKYLIGHT

SECTION 08620 UNIT SKYLIGHTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Performance and product component information for VELUX® FS fixed deck mount skylight.
- B. VELUX Skylight Adhesive Underlayment provided with flashing kits.
- C. Engineered flashings [EDL for shingle and thin roofing materials] [EDM for metal roofing materials like standing seam] [EDW for tile or thick roofing material] [EKL for stacking skylight side by side and over and under with thin roofing materials] [EKW for stacking skylights side by side and over and under with thick or high profile roofing materials]

1.02 REFERENCE STANDARDS

- A. ASTM E 283 Standard Test Method for Determining Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors Under Specific Pressure Differences Across the specimen.
- B. ASTM E 330 Standard Test Method for Structural Performance of Exterior Windows, and Doors Skylights and Curtain Walls by Uniform Static Air Pressure Difference.
- C. ASTM E 331 Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference.
- D. ASTM E 1886 Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials.
- E. ASTM E 1996 Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes.
- F. National Fenestration Rating Council, NFRC 100, *Procedure for Determining Fenestration Product U-factors*.
- G. National Fenestration Rating Council, NFRC 200, *Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence*.

- H. National Fenestration Rating Council, NFRC 300, *Test Method for* Determining the Solar Optical Properties of Glazing Materials and Systems.
- I. Occupational Safety & Health Administration, OSHA Standards 29 CFR 1910.23, *Guarding Floor Openings and Holes*.

1.03 SYSTEM DESCRIPTION

- A. Skylight: Fixed deck mounted skylight consisting of the following main integrated components – an interior condensation drainage gasket, prefinished white wooden frame [Special order stain grade wooden frame available on request], exterior maintenance-free [aluminum] [copper] cladding/counter flashing, ASA corner keys, and an insulating thermal pane glass unit with two seals, warm edge spacer system, three coats of LoE³ silver to increase visible light transmittance while reducing solar heat, and a continuous deck seal mounting system with durable foam seal.
- B. Configuration: Fixed unit, engineered deck seal mounting system with durable foam seal to seal the skylight to the roof deck. Pre-installed accessory mounting brackets.
- C. Condensation Control: Integral internal condensation collection system and drainage slots.
- D. Accessories available but sold separately.
 - a. Room darkening double pleated [solar powered] [manually operated] blinds.
 - b. Light filtering single pleated [solar powered] [manually operated] blinds.
 - c. Manually operated venetian blinds.
- E. Power supplies and electric controls are available but sold separately.
 - a. KLR 200 radio frequency remote control pad.
 - b. KLC 500 accessory power supply (controls up to five accessories).
 - c. KLI 110 wall mounted keypad

1.04 PERFORMANCE REQUIREMENTS

- A. The FS deck mount skylight is independently tested in accordance with listed standards for compliance with the unit skylight provisions of the 2003, 2006 and 2009 IBC, IECC, and IRC as follows:
 - a. AAMA/WDMA/CSA 101/I.S.2/A440-08 (NAFS 08) and/or AAMA/WDMA/CSA 101/I.S.2/A440-11 (NAFS – 11)

Performance Grades must be greater than or equal to:

- i. Downward design pressure = 150 psf
- ii. Uplift Design Pressure = 40 psf
- B. Air leakage: Maximum of 0.4 l/s/m² (0.08 CFM/ft²) of total unit area, measured at a pressure of 75 Pa (1.57 psf) in accordance with ASTM E 283, per the NAFS standards in (A).
- C. Water infiltration: No water penetration noted as measured in accordance with ASTM E 331 with a test pressure differential of 720 Pa (15.0 psf). Exceeds requirements of NAFS standards in (A).
- D. Thermal Performance: U-factor = 0.45 Btu/hr*ft²*F° or less, SHGC = 0.26 or less and [Vt = 0.52 or greater (clear)] or [Vt = 0.39 or greater (white)]. Tested and certified in accordance with NFRC 100 and 200 procedures. Applicable to aluminum and copper clad models. 2010 ENERGY STAR qualified in all U.S. zones. Applicable to aluminum and copper-clad models.
- E. FS skylights with impact glazing (06): Tested and certified in accordance with ASTM E 1886 and ASTM E 1996, Rated for Wind Zone 3, Missile Level C, Cycle Pressure +50 / -50.
- F. Limit member deflection to flexure limit of glass with full recovery of glazing materials.
- G. System accommodates, without damage to components or deterioration of seals, movement between frame and perimeter components.

1.05 SUBMITTALS

- A. Product Data: Manufacturer's installation details and product data sheets include:
 - a. Preparation details and installation instructions
 - b. Product Data sheets with storage and handling information
 - c. Architectural roof sectional drawings can be found at <u>www.VELUXusa.com</u>.
 - d. Code compliance information can be found within the specification, or by contacting VELUX at 800-888-3589 or by visiting <u>www.VELUXusa.com</u>
- B. Architectural/Cross Sectional Drawings
 - a. Mounting details
 - b. Frame sizes
 - c. Flashing details
- C. Shop Drawings
 - a. Indicate material types, gauge, finishes, and installation details
- D. Maintenance Data: For unit skylights (unit skylight flashing system), (sunscreening accessories) to be included in maintenance manuals.
- E. Warranty: Sample of warranty or special warranty.

1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications:
 - a. Skylight manufacturer shall have a minimum of ten years experience in design and fabrication of deck mount glass skylights.
 - b. Skylights shall be manufactured to the highest standards of quality and craftsmanship in ISO 9001 and ISO 14001-certified facilities.
 - c. Flashings shall be engineered and manufactured to match up with the roofing material and skylight.

- d. Skylight installed with three layers of protection; deck seal mounting system, adhesive underlayment wrapped round the skylight frame and onto the roof deck, and engineered flashing, carries a "No Leak" installation warranty.
- B. Source Limitations: Obtain unit skylights, flashings, and accessories from a single source and from a single manufacturer.
- C. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency and marked for intended location and application.
- D. Unit Skylight Standard: Comply with AAMA/WDMA 101/I.S.2./NAFS, *North American Fenestration Standard Voluntary Performance specifications for Windows, Skylights and Glass Doors*, and all later editions, for minimum standards of performance, materials, components, accessories, and fabrication. Comply with more stringent requirements if indicated.
 - a. Provide third-party certified unit skylight with attached label.
- E. Thermal Performance rated per applicable NFRC procedures.
 - a. Provide NFRC–certified unit skylight ratings on an attached label.
 - b. Qualify under ENERGY STAR® criteria in all 50 states and attach verifying label.
- 1.07 COORDINATION
 - A. Coordinate unit skylight installation requirements with roofing system.
 - B. Coordinate size and locations of site built curbs with ECB flashing for actual unit skylight if the slope of the roof is less than 14 degrees.
 - C. Pre-installation conference: conduct conference at (project site).
- 1.08 WARRANTY
 - A. Standard VELUX product warranty, as specified in VELUX Warranty, publication XUS 20194.
 - B. 10-year "NO LEAK" installation warranty. (Ref. 1.06(d))

1.09 DELIVERY, HANDLING, STORAGE

- A. Deliver products in manufacturer's original containers, dry and undamaged, with seals and labels intact.
- B. Store and protect products in accordance with manufacturer's recommendations.
- PART 2 PRODUCTS
- 2.01 MANUFACTURER
 - A. Acceptable Manufacturer: VELUX America Inc., P.O. Box 5001, Greenwood, SC 29648; Toll Free Tel: 800-888-3589; Fax: 865-388-1329; Web: <u>www.VELUXusa.com</u>
 - B. Substitutions: Not permitted
- 2.02 MATERIALS
 - A. Wood: Kiln-dried, laminated Ponderosa Pine and Eastern White Pine prefinished white. Wood shall be Forest Stewardship Council (FSC) certified or have an FSC certified chain of custody certification.
 - B. Maintenance free exterior cladding: [Roll formed 0.65 mm aluminum frame coverings,] [0.55 mm copper frame coverings,] prefinished, production engineered, and fabricated to fit exterior exposed surfaces (Alloy AA 3003 H12 and AA 3003 H16).
 - C. Dual sealed Glazing
 - a. Dual sealed thermal pane with warm edge technology, 95% argon gas fill, and with three layers of LoE³ silver that increases visible light over standard low-e coatings while lowering the solar heat gain. The following glazing options are available:
 - i. 04 Tempered LoE³ pane with Neat coated exterior over a laminated heat strengthened interior pane with 0.030" interlayer.
 - ii. 05 Tempered LoE³ pane over tempered interior pane.
 - iii. 06 Tempered LoE³ pane with Neat coated exterior over laminated heat strengthened interior pane with 0.090" interlayer.
 - iv. 08 Tempered LoE³ pane with Neat coated exterior over a white laminated heat strengthened interior pane with 0.030" interlayer.
 - v. 10 Tempered LoE³ pane with Neat coated exterior over a laminated tempered interior pane with 0.030" interlayer to achieve higher snow load ratings.

- D. Sunscreening Control Accessories
 - a. Manual control rods and extension poles available or manual operated sunscreening accessories.
 - b. Battery operated control rod for sunscreening accessories.
- E. Field Fasteners: 1-1/4 inch ring shank nails provided for attaching deck seal mounting flange to roof decking. Ring shank nails are double hot dipped zinc coated.
- F. Weather stripping: Factory applied neoprene and thermoplastic elastomeric weather stripping throughout entire frame, profiled to effect weather seal.
- G. Mounting System: Continuous corrosion resistant mounting system with a durable foam seal and rough opening alignment notches.

2.03 FLASHING OPTIONS

- A. Type EDL Flashing is a prefabricated step flashing system designed for use with roofing materials less than 1/2" thick and for slopes of 14 degrees to 85 degrees.
- B. Type EDW Flashing is a prefabricated gutter flashing system designed for use with roofing material greater than 3/4" thick, or high profile material, and for roof slopes of 14 degrees to 85 degrees. Sill flashing section consists of corrugated apron to allow form fit of high profile material.
- C. Type EDM Flashing is a prefabricated flashing system designed for use with metal roofing materials and for roof slopes of 14 degrees to 85 degrees. Sill flashing section consists of corrugated apron to allow form fit of roofing material profile.
- D. Type ECB Counter Flashing is a flashing systems designed for use on sitefabricated curbs with deck mounted skylights on low-pitched roof slopes of 0 degrees to 14 degrees. ECB counter flashing should be used with membrane roofing.
- E. Type EKL gang flashing system for use with roofing materials less than 5/16" thick and for slopes of 14 degrees to 85 degrees.
- F. Type EKW gang flashing system for use with roofing material greater than 3/4" thick, or high profile material, and for roof slopes of 14 degrees to 85 degrees. Sill flashing section consists of corrugated apron to allow form fit of high profile material.

2.04 FABRICATION

- A. Fabricate frame with slip mortise and tendon corners that are glued and nailed for strength and stability.
- B. Fabricate frame components with precision tolerances enabling installation and movement of sash and dynamic movement of perimeter weather stripping.
- C. Provide permanent external drainage channels to manage water flow and drain to the exterior. Provide internal drainage of glazing spaces to exterior through gasketing.
- D. All units factory glazed with hot melt silicone-based exterior seal.
- E. No site fabrication needed.
- F. Rough opening to be framed per manufacturer's listed dimensions.

2.05 FINISHES

- A. Exterior surfaces: Exposed exterior wood surfaces to be covered with roll formed maintenance-free [aluminum] [copper as a special made to order] cladding pieces. [Aluminum has a neutral gray, Kynar® 500 polyvinylidene fluoride resin finish.] [Copper is roll-formed, mill finish.]
- B. Maintenance-free flashing: Roll formed aluminum, neutral gray, baked on polyester polyamid primer and finish coats. Copper is roll-formed, mill finish.
- C. Interior surface: Exposed interior wood surfaces to be prefinished white with factory applied finish.]

PART 3 EXECUTION

3.01 EXAMINATION

A. Verify rough opening dimension and squareness, proper orientation of skylight, proper roof pitch, and flashing.

3.02 INSTALLATION

A. Install skylight in accordance with manufacturer's installation instructions and local code requirements.

- B. Use the alignment notches on the deck seal mounting system to align skylight flush with the rough opening, free of warp or twist; maintain dimensional tolerances.
- C. Attach and seal the skylight to roof sheathing by nailing through the predrilled holes in the deck seal mounting system. One fastener required in each predrilled hole.
- D. Apply one layer of VELUX skylight adhesive underlayment around the perimeter of the skylight frame.
- E. Install the manufacturer's engineered perimeter flashing in accordance with manufacturer's installation instruction to achieve a weather tight installation.
- F. Install sun screening products and electrical controls.
- G. Provide thermal isolation when components penetrate or disrupt building insulation. Pack fibrous insulation in rough opening to maintain continuity of thermal barriers.

3.03 CLEANING

- A. Clean exposed skylight according to manufacturer's written instructions. Touch up damage to metal coatings and finishes.
- B. Remove excess sealants, dirt, and other substances.
- C. Remove and replace glazing that has been broken, chipped, cracked, abraded or damaged during the construction process.
- D. During the construction process, protect the skylight surfaces from contact with contaminates.

3.04 FIELD QUALITY CONTROL

A. Install skylight, adhesive skylight underlayment, and flashing in accordance with manufacturer's installation instructions.



GAF LAYERLOCK[®] TECHNOLOGY EBS



America's #1-selling shingle just got better!

The same shingle you know and love, now with LayerLock™ Technology which powers the industry's widest nailing area.



Timberline[®] HDZ[™] Shingles

Benefits:

- LayerLock[™] Technology Proprietary technology mechanically fuses the common bond between overlapping shingle layers.
- Up to 99.9% nailing accuracy The StrikeZone[™] nailing area is so easy to hit that a roofer placed 999 out of 1,000 nails correctly in our test.¹
- WindProven[™] Limited Wind Warranty — When installed with the required combination of GAF Accessories, Timberline[®] HDZ[™] Shingles are eligible for an industry first: a wind warranty with no maximum wind speed limitation.²
- Our legendary Dura Grip[™] sealant pairs with the smooth microgranule surface of the StrikeZone[™] nailing area for fast tack. Then, an asphalt-toasphalt monolithic bond cures for

Colors & Availability:

durability, strength, and exceptional wind uplift performance.

- StainGuard[®] Algae Protection Helps protect the beauty of your roof against unsightly blue-green algae discoloration.³
- High Performance Designed Technology.
- Seamless compatibility The new Timberline[®] HDZ[™] Shingles are compatible with traditional Timberline HD® Shingles for the same look and feel homeowners and contractors rely on for beauty and endurance.⁴
- Perfect Finishing Touch For the best look, use TimberTex® Premium Ridge Cap Shingles or TimberCrest™ Premium SBS-Modified Ridge Cap Shingles.

Barkwood	Birchwood	Biscayne Blue	Charcoal	Copper Canyon
Driftwood	Fox Hollow Gray	Golden Amber	Hickory	Hunter Green
	-			ANNA COLOR ANNA LOS A
	less less les			
Mission Brown	Oyster Gray	Patriot Red	Pewter Gray	Shakewood
Slate	Sunset Brick	Weathered Wood	White	Williamsburg Slate

- with Advanced Protection® Shingle

Exposure: 5 ⁵/₈" (143 mm) Bundles/Square: 3 Pieces/Sauare: 64

StainGuard® Algae Protection³

Product details:

Product/System Specifics Fiberglass asphalt construction

(337 x 1,000 mm)

Hip/Ridge: TimberTex[®]; TimberCrest[™]; н. Seal-A-Ridge[®]; Z[®]Ridge; Ridglass[®]

Dimensions (approx.): 13 ¹/₄" x 39 ³/₈"

Starter: Pro-Start®; QuickStart®; WeatherBlocker[™]

Applicable Standards & Protocols:

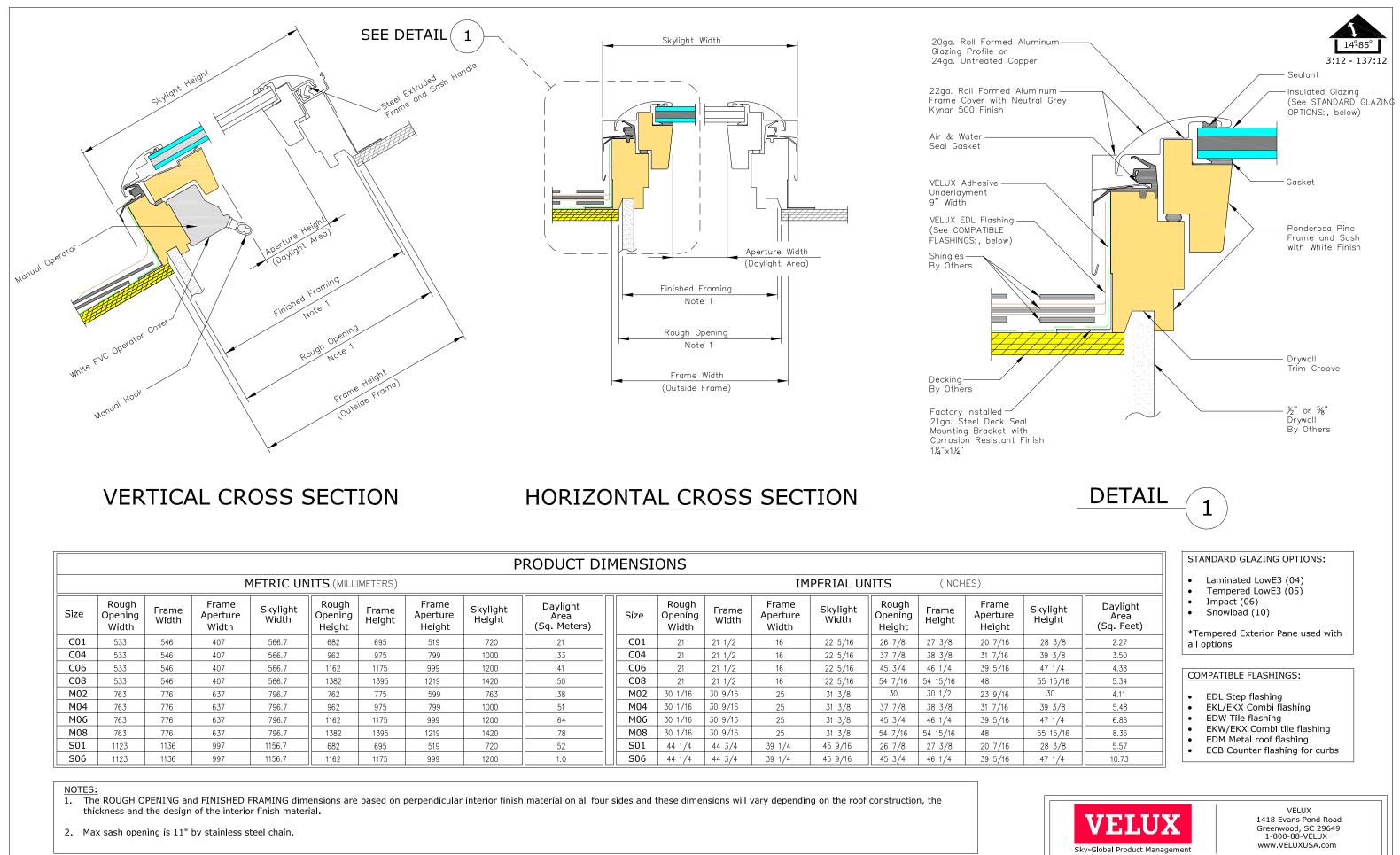
- UL Listed to ANSI/UL 790 Class A
- State of Florida approved Classified by UL in accordance with
- ICC-ES AC438
- Meets ASTM D7158, Class H
- Meets ASTM D3161, Class F
- Meets ASTM D3018, Type 1 Meets ASTM D3462
- ICC-ES Evaluation Reports
- ESR-1475 and ESR-3267 Meets Texas Department of Insurance
- Requirements ENERGY STAR[®] Certified (White Only)
- (U.S. Only); Rated by the CRRC; Can be used to comply with Title 24 cool roof requirements
- ¹ Results based on study conducted by Home Innovation Research Labs, an independent research lab, comparing installation of Timberline HD® Shingles to Timberline[®] HDZ[™] Shingles on a 16-square roof deck using standard 4-nail nailing pattern under controlled laboratory conditions. Actual results may vary.
- 2 15-year WindProven m limited wind warranty on Timberline $^{\otimes}$ HDZ m Shingles requires the use of GAF starter strips, roof deck protection, ridge cap shingles, and leak barrier or attic ventilation. See GAF Roofing System Limited Warranty for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products.
- ³ StainGuard[®] algae protection is available only on shingles sold in packages bearing the StainGuard® logo. Products with StainGuard® algae protection are covered by a 10-year limited warranty against blue-green algae discoloration. See GAF Shingle & Accessory Limited Warranty for complete coverage and restrictions.
- ⁴ To be mixed on one roof, Timberline® HDZ™ Shingles and Timberline HD® Shingles must have matching 6-digit codes found on the end of the bundle. When mixed, always use Timberline HD® installation instructions
- 5 Periodically tested by independent and internal labs to ensure compliance with ASTM D3462 at time of manufacture.
- ⁶ Lifetime refers to the length of warranty coverage provided and means as long as the original individual owner(s) of a single-family detached residence [or eligible second owner(s)] owns the property where the qualifying GAF products are installed. For other owners/structures, Lifetime coverage is not applicable. Lifetime coverage on shingles requires use of GAF Lifetime shingles only. See GAF Shingle & Accessory Limited Warranty for complete coverage and restrictions. Lifetime coverage on shingles and accessories requires use of any GAF Lifetime Shingle and any 3 qualifying GAF accessories. See GAF Roofing System Limited Warranty for complete coverage and restrictions. Visit gaf.com/LRS for qualifying GAF products.

Note: It is difficult to reproduce the color clarity and actual color blends of these products. Before selecting your color, please ask to see several full-size shingles.









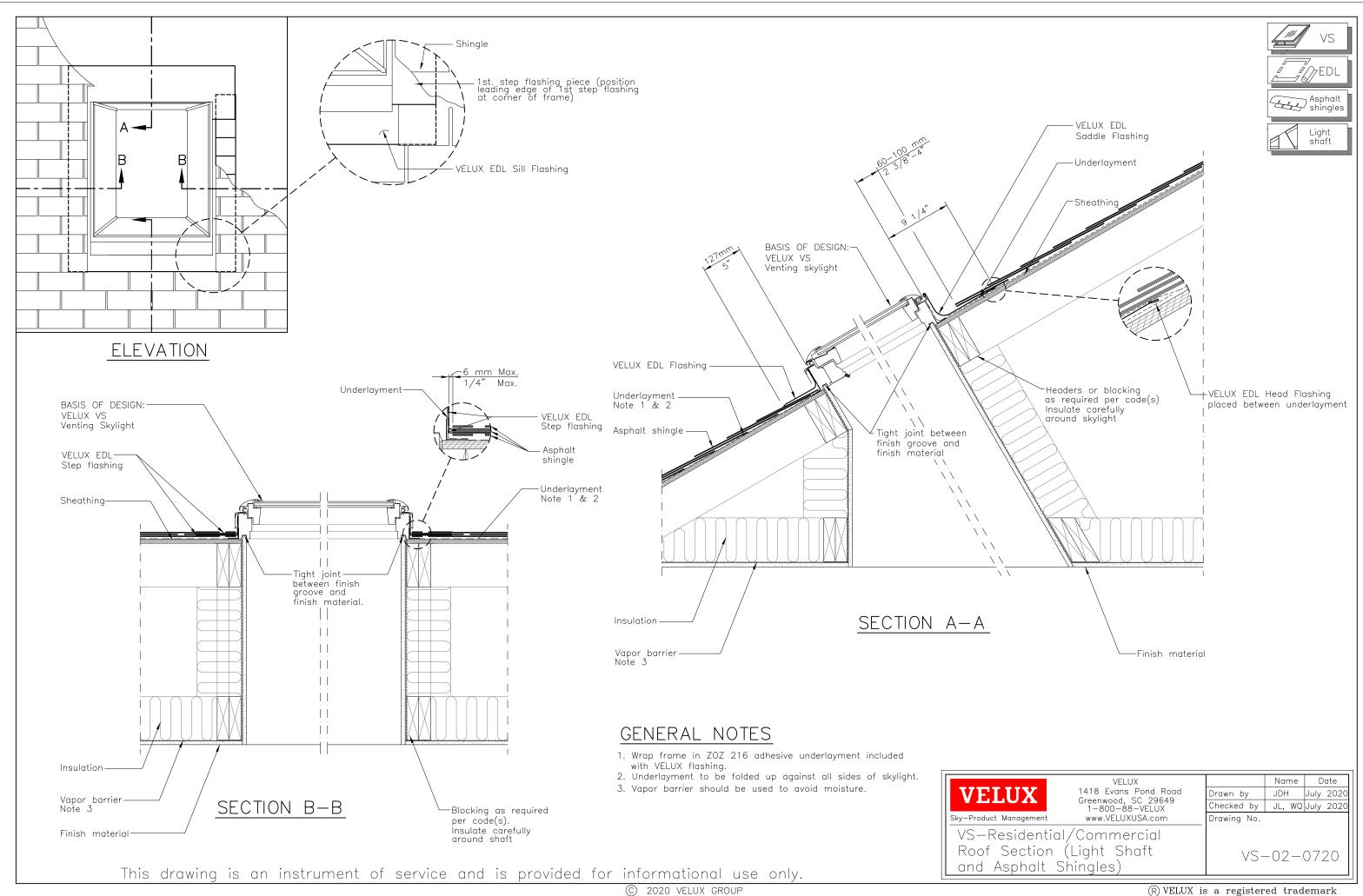
								Р	RODUCT DI	MENSI	ONS							
			М	1ETRIC UN	ITS (MILLI	METERS)							IM	PERIAL UI	NITS	(INCH	IES)	
Size	Rough Opening Width	Frame Width	Frame Aperture Width	Skylight Width	Rough Opening Height	Frame Height	Frame Aperture Height	Skylight Height	Daylight Area (Sq. Meters)	Size	Rough Opening Width	Frame Width	Frame Aperture Width	Skylight Width	Rough Opening Height	Frame Height	Frame Aperture Height	Skyli Heig
C01	533	546	407	566.7	682	695	519	720	.21	C01	21	21 1/2	16	22 5/16	26 7/8	27 3/8	20 7/16	28
C04	533	546	407	566.7	962	975	799	1000	.33	C04	21	21 1/2	16	22 5/16	37 7/8	38 3/8	31 7/16	39
C06	533	546	407	566.7	1162	1175	999	1200	.41	C06	21	21 1/2	16	22 5/16	45 3/4	46 1/4	39 5/16	47
C08	533	546	407	566.7	1382	1395	1219	1420	.50	C08	21	21 1/2	16	22 5/16	54 7/16	54 15/16	48	55 1
M02	763	776	637	796.7	762	775	599	763	.38	M02	30 1/16	30 9/16	25	31 3/8	30	30 1/2	23 9/16	30
M04	763	776	637	796.7	962	975	799	1000	.51	M04	30 1/16	30 9/16	25	31 3/8	37 7/8	38 3/8	31 7/16	39
M06	763	776	637	796.7	1162	1175	999	1200	.64	M06	30 1/16	30 9/16	25	31 3/8	45 3/4	46 1/4	39 5/16	47
M08	763	776	637	796.7	1382	1395	1219	1420	.78	M08	30 1/16	30 9/16	25	31 3/8	54 7/16	54 15/16	48	55 1
S01	1123	1136	997	1156.7	682	695	519	720	.52	S01	44 1/4	44 3/4	39 1/4	45 9/16	26 7/8	27 3/8	20 7/16	28
S06	1123	1136	997	1156.7	1162	1175	999	1200	1.0	S06	44 1/4	44 3/4	39 1/4	45 9/16	45 3/4	46 1/4	39 5/16	47

This drawing is an instrument of service and is provided for informational use only.

© 2019 VELUX GROUP

(R) VELUX is a registered trademark

VS - Manual Venting Skylight



(R) VELUX is a registered trademark

VELUX America Inc. SPECIFICATION FOR MODEL VS, VSS and VSE "NO LEAK" VENTILATING SKYLIGHT

SECTION 08620 UNIT SKYLIGHTS

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Performance and product component information for VELUX top hinged [VS manual deck mount venting skylight] [VSE electric deck mount venting skylight] or [VSS solar deck mount venting skylight]
- B. VELUX Skylight Adhesive Underlayment provided with flashing kits.
- C. Engineered flashings [EDL for shingle and thin roofing materials][EDM for metal roofing materials like standing seam] [EDW for tile or thick roofing material] [EKL for stacking skylight side by side and over and under with thin roofing materials] [EKW for stacking skylights side by side and over and under with thick roofing materials]

1.02 REFERENCE STANDARDS

- A. ASTM E 283 Standard Test Method for Determining Rate of Air Leakage through Exterior Windows, Curtain Walls, and Doors While under Specific Pressure differences Across the Specimen.
- B. ASTM E 330 Standard Test Method for Structural Performance of Exterior Windows, Doors, Skylights and Curtain Walls by Uniform Static Air Pressure Difference.
- C. ASTM E 331 Standard Test Method for Water Penetration of Exterior Windows, Skylights, Doors, and Curtain Walls by Uniform Static Air Pressure Difference.
- D. ASTM E 1886 Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missiles(s) and Exposed to Cyclic Pressure Differentials.
- E. ASTM E 1996 Standard Specifications for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Windborne Debris in Hurricanes.
- F. National Fenestration Rating Council, NFRC 100, *Procedure for Determining Fenestration Product U-factors.*

- G. National Fenestration Rating Council, NFRC 200, *Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence.*
- H. National Fenestration Rating Council, NFRC 300, *Test Method for Determining the Solar Optical Properties of Glazing Materials and Systems.*
- I. Occupational Safety & Health Administration, OSHA Standards 29 CFR 1910.23, *Guarding Floor Openings and Holes*.
- J. Underwriters Laboratories Inc., UL 325, *Standard for Door, Drapery, Gate, Louver and Window Operators and Systems, Fifth Edition.*

1.03 SYSTEM DESCRIPTION

- A. Skylight: Top hinged ventilated deck mounted skylight that consists of the following integrated components an interior condensation drainage gasket, [pre-finished white wooden frame and sash for all sizes] or [Stain grade wooden frame and sash for C06 and M06 sizes], a [manual] or [electric] or [solar] operator, exterior maintenance free [aluminum] or [copper] cladding/counter flashing, ASA corner keys, and an insulating thermal pane glass unit with two panes, warm edge spacer system, three coats of low e silver to increase visible light transmittance while reducing solar heat and a continuous deck seal mounting system with durable foam seal.
- B. Configuration: Outward opening, continuous top hinged, production-installed electric, solar or manual chain operator, engineered deck seal mounting system with durable foam seal to seal the skylight to the roof deck. Pre-installed accessory mounting brackets and pre-wired for VSE electric venting models.
- C. Operation: Sash is operated by either an [electric skylight operator for (VSE)] or [manual skylight operator for (VS)] or [solar skylight operator for (VSS)]
 - a. Electric operator (VSE) 2.4 GHz radio frequency remote control and a chain driven operator. Power requirements 40 watts, 60 Hz, and UL listed.
 - b. Manual skylight (VS) is operated by a manual, gear driven Truth operator.
 - c. Solar operator (VSS) 2.4 GHz radio frequency remote control and a chain driven operator is powered by a solar charged battery operator. Battery pack is a 9 cell Panasonic NiMH 10.8V, 2100 mAH.

- D. Condensation Control: Integral internal condensation collection system and drainage slots.
- E. Accessories available but sold separately
 - a. Room darkening double pleated solar powered blinds.
 - b. Light filtering single pleated solar powered blinds.
 - c. Venetian blinds available in manual operation only for VS
- F. Power supplies and electric controls are available but sold separately.
 - a. KLB 100 Battery backup for VSE
 - b. KLI 110 Wall mounted keypad
 - c. KLR 200 Radio frequency remote control pad
 - d. KLF 100 Home automation integration kit and signal repeater
 - e. ZMT 300 6-10'motorized rod
- G. Manual Controls are available but sold separately.
 - a. ZCT 300 6-10' telescopic rod
 - b. ZCT 100 3' extension to ZCT 300 or ZMT 300
 - c. ZZZ 201 Crank handle
 - d. ZZZ 203 Angle adaptor for chain operator

1.04 PERFORMANCE REQUIREMENTS

A. The VS, VSS and VSE deck mount skylights independently tested in accordance with listed standards for compliance with the unit skylight provisions of the 2006, 2009 and 2012 IBC, IECC, and IRC. Performance is dependent on skylight size and glazing type. The maximum values have been listed below.

Β.

- AAMA/WDMA/CSA 101/I.S.2/A440-08 (NAFS 08) and/or AAMA/WDMA/CSA 101/1.S.2/A440-11 (NAFS – 11) performance grades must be greater than or equal to the following listed in i and ii.
 - i. Downward design pressure = 175 psf
 - ii. Uplift Design Pressure = 50 psf
- C. Air leakage: Less than or equal to 0.7 l/s/m^2 (0.13 CFM/ft²) of total unit area, measured at a pressure of 75 Pa (1.57 psf) as measured in accordance with ASTM E 283, on test sizes listed per the NAFS in (A).
- D. Water infiltration: No water penetration noted as measured in accordance with ASTM E 331 with a test pressure differential of 720 Pa (15.0 psf). Exceeds requirements of NAFS standards in (A).
- E. Thermal Performance: No greater than U = 0.43 Btu/hr*ft² * F°, SHGC = 0.23 and Vt = 0.52 or greater (clear) or Vt = 0.39 (white). Tested and certified in accordance with NFRC 100 and 200 procedures. Meets ENERGY STAR® criteria for all zones.
- F. VS, VSS and VSE skylights with impact glazing (06): Tested and certified in accordance with ASTM E 1886 and ASTM E 1996, cycle pressure +/- 50, Missile level C, Wind Zone 3.
- G. Limit member deflection to flexure limit of glass with full recovery of glazing materials.
- H. System accommodates without damage to components or deterioration of seals, movement between sash and frame and perimeter framing.
- I. Weep drainage system designed to channel water entering joints, condensation, or migrating moisture occurring within system to exterior by means of Santoprene® gasket with integrated condensation gasket.
- J. Listed Florida product approval number

1.05 SUBMITTALS

- A. Product Data: Manufacturer's installation details and product data sheets included:
 - a. Preparation details and installation instructions

- b. Product Data sheets with storage and handling information
- c. Architectural roof sectional drawings can be found at <u>www.VELUXusa.com</u>.
- d. Code compliance information can be found within these specifications, or by contacting VELUX at 800-888-3589, or by visiting <u>www.VELUXusa.com</u>.
- B. Architectural/Cross Sectional Drawings
 - a. Mounting details
 - b. Frame sizes
 - c. Flashing details
- C. Shop Drawings
 - a. Indicate material types, gauge, finishes, and installation details.
- D. Maintenance data: For unit skylights (unit skylight flashing system) (sunscreening accessories) to include in maintenance manuals.
- E. Warranty: Sample of warranty or special warranty.

1.06 QUALITY ASSURANCE

- A. Manufacturer Qualifications:
 - a. Skylight manufacturer shall have a minimum of ten years experience in design and fabrication of deck mount glass skylights.
 - b. Skylights shall be manufactured to the highest standards of quality and craftsmanship in ISO 9001 and ISO 14001-certified facilities.
 - c. Flashings shall be engineered and manufactured for the roofing material and skylight.
 - d. Skylight installed with three layers of protection: Deck seal mounting system, adhesive underlayment wrapped round the skylight frame and onto the roof deck, and engineered flashings, carries a "No Leak" installation warranty.
- B. Source Limitations: Obtain unit skylights, flashings, and accessories from single source and from a single manufacturer.

- C. Electrical Components, Devices, and Accessories: Listed and Labeled as defined in NFPA 70, by a qualified testing agency and marked for intended location and application.
- D. Unit Skylight Standard: Comply with AAMA/WDMA 101/I.S.2./NAFS, North American Fenestration Standard Voluntary Performance specifications for Windows, Skylights and Glass Doors, and all later editions for minimum standards of performance, materials, components, accessories, and fabrication. Comply with more stringent requirements if indicated.
 - a. Provide WDMA Hallmark certified unit skylight with an attached label.
- E. Thermal Performance rated per applicable NFRC procedures.
 - a. Provide NFRC certified unit skylight ratings on an attached label.
 - b. Qualify under Energy Star criteria in all 50 states and attach verifying label.

1.07 COORDINATION

- A. Coordinate unit skylight flashing requirements with roofing system.
- B. Coordinate size and locations of site built curbs with ECB flashing for actual unit skylight if the slope of the roof is less than 14 degrees.
- C. Pre-installation conference: conduct conference at (project site).

1.08 WARRANTY

- A. Standard VELUX warranty, as specified in VELUX Warranty, publication XUS 20194.
- B. 10-Year "No Leak" installation warranty, as specified in VELUX Warranty, publication XUS 20194.
- 1.09 DELIVERY, HANDLING, STORAGE
 - A. Deliver products in manufacturer's original containers, dry, undamaged, seals and labels intact.
 - B. Store and protect products in accordance with manufacturer's recommendations.

PART 2 PRODUCTS

2.01 MANUFACTURER

- A. Acceptable Manufacturer: VELUX America Inc., P.O. Box 5001, Greenwood, SC 29648-5001; Toll Free Tel: 800-888-3589; Fax: 864-943-2631; Web: www.VELUXusa.com
- B. Substitutions: Not permitted

2.02 MATERIALS

- A. Wood: Kiln-dried, laminated Ponderosa Pine pre-painted with two coats of white finish. Special order stain grade variant available upon request. Wood shall be Forest Stewardship Council (FSC) certified or have an FSC certified chain of custody certification.
- B. Maintenance free exterior cladding: Roll formed 0.65 mm aluminum frame coverings, 0.57 mm aluminum sash coverings, 0.55 mm copper frame coverings, 0.50 copper sash coverings prefinished, production engineered, and fabricated to fit exterior exposed surfaces.
- C. Dual sealed Glazing
 - Dual sealed thermal pane with warm edge technology, 95% argon gas, and with three layers of LoE³ silver that increases visible light over standard low e coatings while lowering the solar heat gain. The following glazing options are available:
 - i. 04 Tempered LoE³ pane with Neat coated exterior over a laminated heat strengthened interior pane with a (0.030") vinyl interlayer.
 - ii. 05Tempered LoE^3 pane over tempered pane
 - iii. 06 Tempered LoE³ pane with Neat coated exterior over laminated heat strengthened interior pane with a (0.090") vinyl interlayer.
 - iv. 08 Same as 04 but with a white vinyl interlayer.
 - v. 10 Tempered LoE³ pane with Neat coated exterior over a laminated tempered interior pane with a (0.030") vinyl interlayer to achieve higher snow load ratings.

- D. Operators and Manual Operator Accessories
 - a. Electric Motors: Standard on all electric venting skylights (VSE) 120 V, 40 watts, 60 Hz rating assembly that uses a robust chain driven system to open the skylight 11 inches. A 2.4 GHz radio frequency remote control pad is standard component with each VSE. Optional interface controls include the KLF/repeater sensor interface and the KLI 110 wall mounted keypad.
 - b. Solar operator (VSS) is powered by a solar charged battery operator. Battery pack is a 9 cell Panasonic NiMH 10.8V, 2100 mAH. 60 Hz rating assembly that uses a robust chain driven system to open the skylight 11 inches. A 2.4 GHz radio frequency remote control pad is standard component with each VSS. Optional interface controls include the KLF/repeater sensor interface and the KLI 110 wall mounted keypad.
 - c. Manual control rods and extension poles available for manually operated venting skylights (VS).
 - d. Battery operated control rod.
 - e. In reach crank handles
- E. Fasteners: 1-1/4 inch ring shank nails provided for attaching deck seal mounting flange to roof decking. Ring shank nails are double hot dipped zinc coated.
- F. Weather stripping: Factory applied neoprene and thermoplastic elastomer weather stripping throughout entire frame and sash, profiled to effect weather seal.
- G. Screen: Aluminum screen profile, spring metal clip attachment, 0.28 mm glass fiber thread with PVC coating, charcoal in color.
- H. Mounting System: Continuous corrosion resistant steel mounting system with a durable foam seal and rough opening alignment notches.

2.03 FLASHING OPTIONS

A. Type EDL Flashing is a prefabricated step flashing system designed for use with roofing materials less than 1/2" thick and for slopes of 14 degrees to 85 degrees.

- B. Type EDW Flashing is a prefabricated gutter flashing system designed for use with roofing material greater than 3/4" thick, or high profile material, and for roof slopes of 14 degrees to 85 degrees. Sill flashing section consists of corrugated apron to allow form fit of high profile material.
- C. Type EDM Flashing is a prefabricated flashing system designed for use with metal roofing materials and for roof slopes of 14 degrees to 85 degrees. Sill flashing section consists of corrugated apron to allow form fit of roofing material profile.
- D. Type EKL for stacking skylights side by side and over and under with thin roofing materials
- E. EKW for stacking skylights side by side and over and under with thick roofing materials
- F. Type ECB site-built curb counter flashing kit for sloped applications less than 14 degrees.

2.04 FABRICATION

- A. Fabricate frame with slip mortise and tendon corners that are glued and nailed for strength and stability.
- B. Fabricate frame components with precision tolerances enabling installation and movement of sash and dynamic movement of perimeter weather stripping.
- C. Provide permanent external drainage channels to manage water flow and drain to the exterior. Provide internal drainage of glazing spaces to exterior through gasketing.
- D. Assemble insect screen of rolled aluminum rectangular sections. Sections are square cut and assembled using square corner keys. Fit mesh taut and secure with vinyl spline.
- E. All units factory glazed with hot melt silicone-based exterior seal.
- F. No site fabrication needed.
- G. Rough opening to be framed per manufacturer's listed dimensions.

2.05 FINISHES

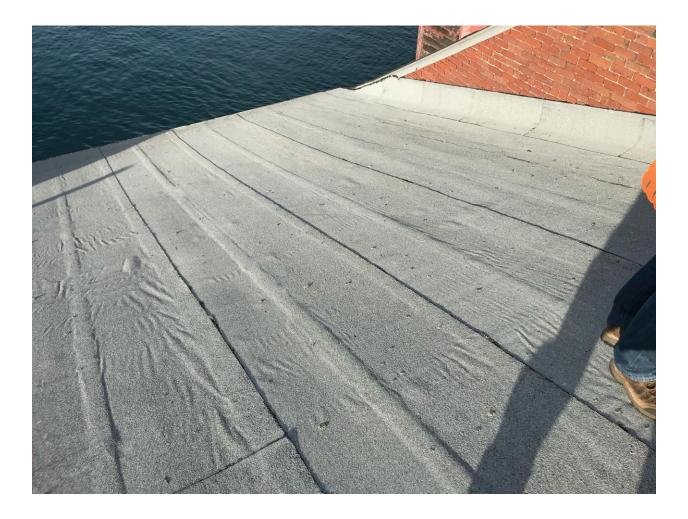
- A. Exterior surfaces: Exposed exterior wood surfaces to be covered with roll formed maintenance free [aluminum] [copper as a special order] cladding pieces. Aluminum has a neutral gray, Kynar® 500 polyvinylidene fluoride resin finish. Copper is roll-formed, mill finish.
- B. Maintenance-free flashing: Roll formed aluminum, neutral gray, baked on polyester polyamid primer and finish coats. Copper is roll formed, mill finish.
- C. Interior surface: All exposed interior wood surfaces to be finished white with a 10-year maintenance free finish.
- D. Screens: Frames white aluminum, mesh charcoal.
- E. Operator concealed beneath white removable cover.
- PART 3 EXECUTION
- 3.01 EXAMINATION
 - A. Verify rough opening dimensions and proper orientation of skylight.

3.02 INSTALLATION

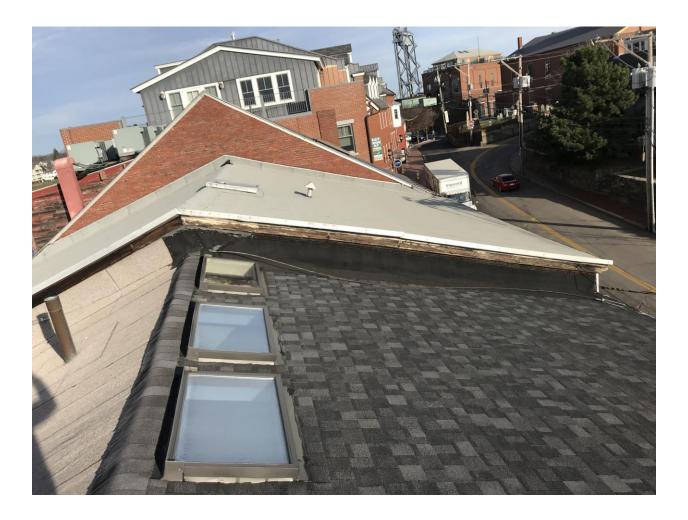
- A. Install skylight in accordance with manufacturer's installation instructions.
- B. Use the alignment notches on the deck seal mounting system to align skylight flush with the rough opening, free of warp or twist; maintain dimensional tolerances.
- C. Attach and seal the skylight to roof sheathing by nailing through the predrilled holes in the deck seal mounting system.
- D. Apply one layer of adhesive underlayment around the perimeter of the skylight frame.
- E. Install the manufacturer's engineered perimeter flashing in accordance with manufacturer's installation instructions to achieve weather tight installation.
- F. Install sun screen products and electrical controls.
- G. Provide thermal isolation when components penetrate or disrupt building insulation. Pack fibrous insulation in rough opening to maintain continuity of thermal barriers.

3.03 Cleaning

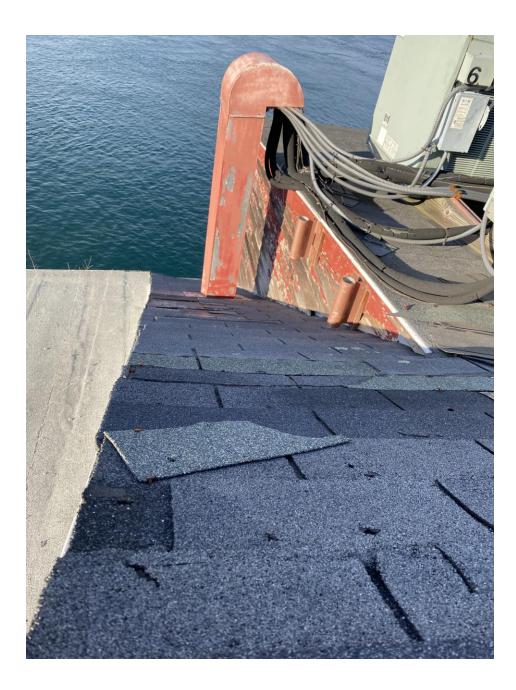
- A. Clean exposed skylight according to manufacturer's written instructions. Touch up damage metal coatings and finishes.
- B. Remove excess sealants, dirt, and other substances.
- C. Remove and replace glazing that has been broken, chipped, cracked, abraded, or damaged during the construction process.
- D. During the construction process, protect the skylight surfaces from contact with contaminates.
- 3.04 Field Quality Control
 - A. Install skylight in accordance with manufacturer's installation instructions.



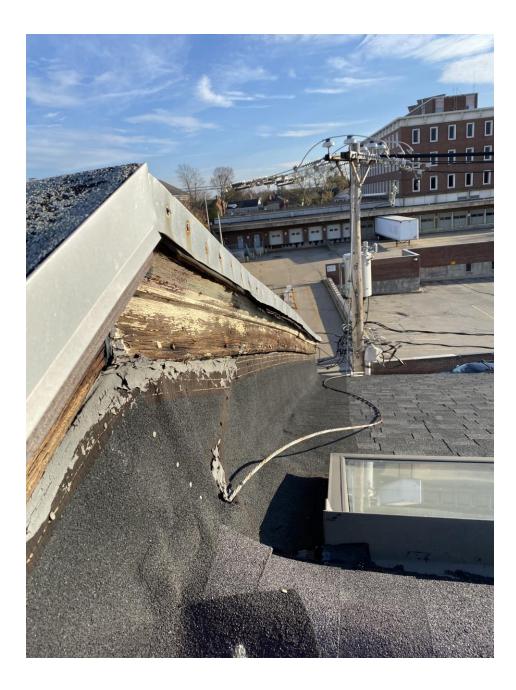




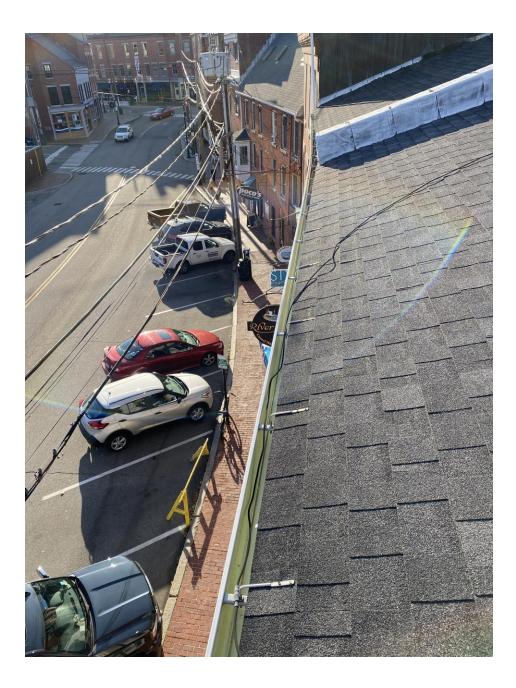












3. 105 Daniel Street

- Recommended Approval

<u>Background</u>: The applicant is seeking approval for the installation of a dryer vent on the second floor, venting out to an alley way.

<u>Staff Comment</u>: Recommended Approval

Stipulations:

1.	
2.	
3.	



02/26/2021

LUHD-283

Historic District Commission Work Session or Administrative Approval Application

Status: Active

Date Created: Feb 24, 2021

Applicant

KAREN WIESE karenwiese777@gmail.com 105 Daniel Street, Floor 2 Floor 2 Portsmouth, NH 03801 207-636-0583 Location

105 DANIEL ST Portsmouth, NH

Owner:

WIESE KAREN P 105 DANIEL ST FLR 2, null, PORTSMOUTH, NH 03801

Application Type

Please select application type from the drop down menu below

Administrative Approval

Project Information

Brief Description of Proposed Work

Vent a dryer out the left side of the brick building on the second floor. It vents out into the alley between the building and the Daniel Street Tavern. The vent is 4" and will be painted red to match the brick.

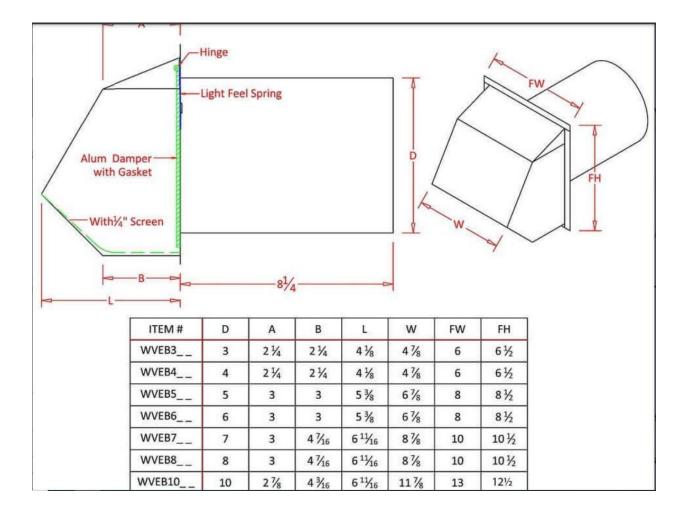
Description of Proposed Work (Planning Staff)

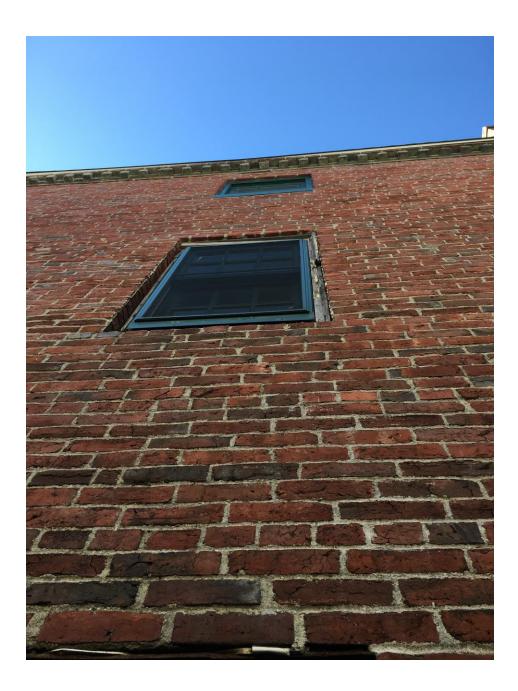
Project Representatives

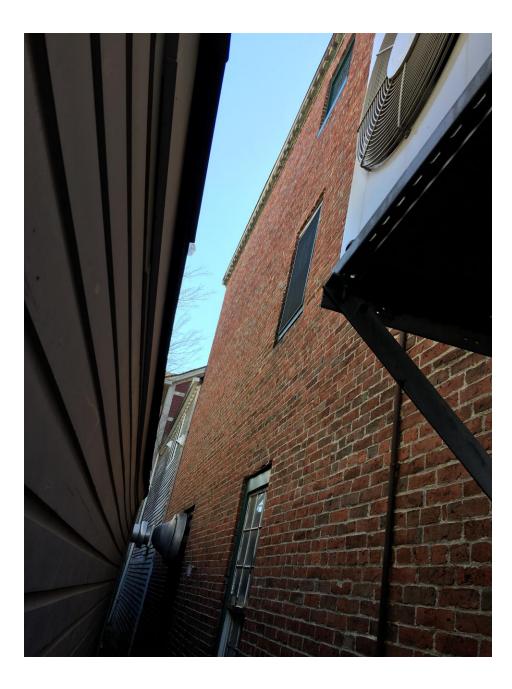
Relationship to Project

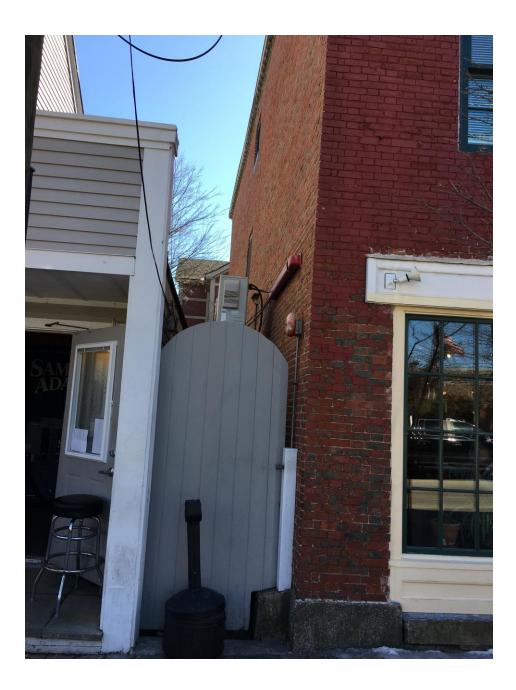
Other

If you selected "Other", please state relationship to project.









4. 93 High Street

- Recommended Approval

<u>Background</u>: The applicant is seeking approval to have (25) windows restored on Units: 1-4 and to replace aluminum storm-windows with new aluminum storm windows.

<u>Staff Comment</u>: Recommended Approval

Stipulations:

1.	
2.	
3.	



03/05/2021

LUHD-284

Historic District Commission Work Session or Administrative Approval Application

Status: Active

Date Created: Mar 04, 2021

Applicant

Debbie Mae Kershaw srebrokers@gmail.com 96 Coakley Road Portsmouth, NH 03801 6034311443 Location

93 HIGH ST Unit 1 Unit 1 Portsmouth, NH 03801

Owner:

SMITH RICHARD A & D/B/A CUZIN RICHARD ENTERTAINMENT 93 HIGH ST #1 PORTSMOUTH, NH 03801

Application Type

Please select application type from the drop down menu below Administrative Approval

Project Information

Brief Description of Proposed Work

Will be "Restoring" (not replacing) 25 double hung Windows and replacing existing aluminum storm windows with triple track aluminum combination storm windows recommended by Luka and supplied by Coastal Industries (see attached, these are available in a variety of colors). All Restoration work will be performed by Luka Windows, method of removal and installation would be using ladders working both inside and out. Luka is Lead certified and fully Insured.

93 High Street, Portsmouth, NH Map 0118/0023/001-004

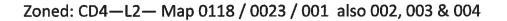
- 93 High Street is a two Story 1820 Condo Conversion building with 5 Individually Owned Units located in the building sitting directly on the corner of High St & Hanover.
- The plan is to RESTORE the original double hung windows and replace the existing aluminum storm windows with new aluminum storm windows. The units Included in this project are:

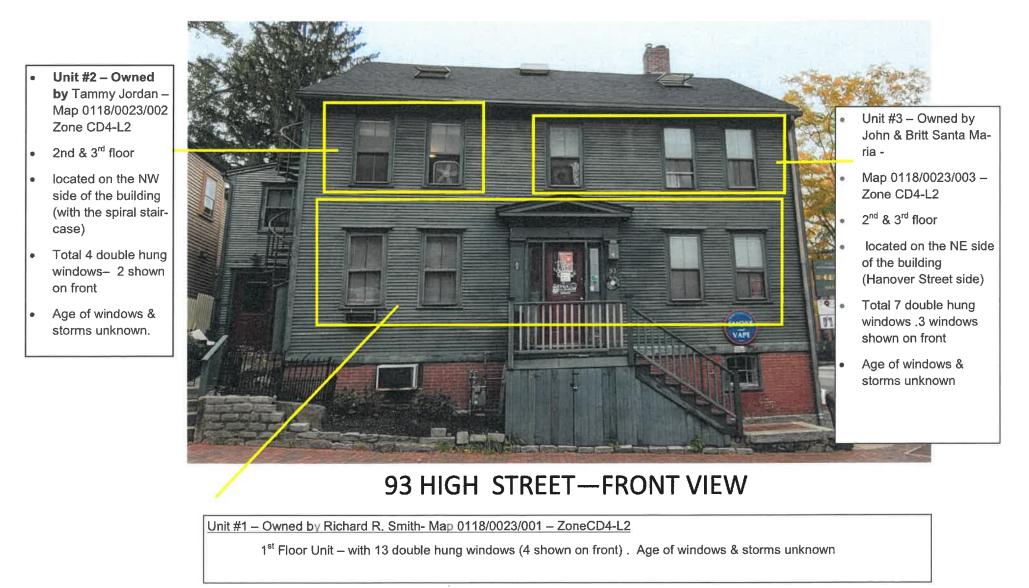
Unit #1 - Owned by Richard R. Smith- Map 0118/0023/001 - Zone CD4-L2

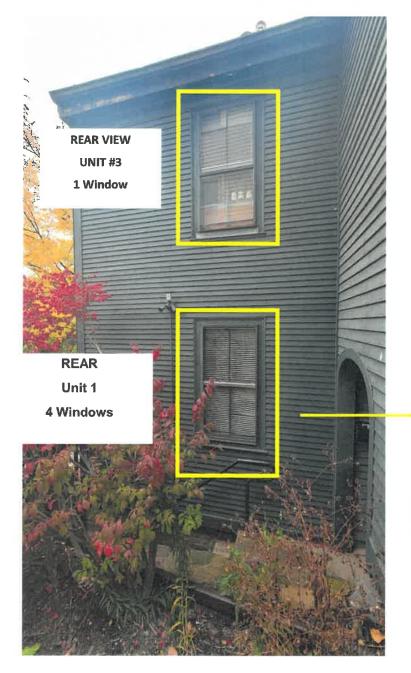
1st Floor Unit – Total - 13 double hung windows and storms. Age of windows & storms unknown

https://portsmouthnh.viewpointcloud.io/#/exptore/records/53686/printable?act=true&app=true&att=true&emp=true&int=true&loc=true&sec=1011490%2... 1/4

93 High Street, Portsmouth , NH Window Restoration & Storm Window Project









93 High Street Rear Side NO







THE PACER TRIPLE-TRACK COMBINATION **STORM WINDOW**



One of the finest aluminum storm windows on today's market, the Pacer has been around for 50 years and is still going strong! The Pacer will make your home more energy efficient.

AVAILABLE IN MANY COLORS

UNEXCELLED BEAUTY **AND STYLING**

THE PACER TRIPLE-TRACK COMBINATION STORM WINDOW

- Self-storing of all inserts
- Fingertip action with positive action stops
- Automatic tamper-proof locks
- Top or bottom ventilation
- Multi-positioning of all inserts
- Effortless removal of inserts allows for easy cleaning
- Sturdy reinforced construction

- Fully extruded 6063 heat tempered aluminum
- Concealed metal-to-metal interlocks
- Stainless steel screws and springs
- Adjustable bottom expander
- Wool pile weather-stripped
- Fiberglass insect screening 18 x 14 mesh
- Marine glazing
- Individually tested and inspected

(Specifications subject to change without notice.)

COLORS, COLORS, COLORS, COLORS

Don't miss out on COLOR! We also offer Powder-Coating on all Aluminum Storm products! A few common colors are:





8022 Black



7045 Grey



6020 Green







77 Newark St., Haverhill, MA 01832 Tel.: 800-351-1065 www.ciiwindows.com sales@ciiwindows.com

Staff Report – March 3rd and 10th, 2021

March 3rd MEETING

Administrative Approvals:

- 1. 81 Washington St. (LUHD-273)
- 2. 18 Pickering St. (LUHD-275)
- 3. 49 Hunking St. (LUHD-279)
- 4. 65 Lafayette St. (LUHD-282)
- Recommend Approval
- Recommend Approval
- Recommend Approval
- Recommend Approval

PUBLIC HEARINGS – NEW BUSINESS:

- 1. 45 Richmond Street (LU-21-249) (Rear addition & dormers)
- 2. 46 Dennett St. (LU-21-25) (Fence Gate)

REQUEST FOR REHEARING:

1. 33 Jewell Court (LU-21-234) (Roof Replacement)

WORK SESSIONS – OLD BUSINESS:

A. 1-31 Raynes Ave. (LUHD-234) (2, 5 story Buildings)

WORK SESSIONS – NEW BUSINESS:

- 1. 238 Marcy St. (LUHD-274) (Solar panels)
- 64 Vaughan Mall (LUHD-277) (Penthouse addition) 2.
- 3. 41 Salter St. (LUHD-278) (2nd Floor addition)

March 10th MEETING

Administrative Approvals:

- 1. 53-67 Bow St. (LUHD-281)
- 2. 105 Daniel St. (LUHD-283)
- 3. ...

WORK SESSIONS – OLD BUSINESS: B. 180 New Castle Ave. (LUHD-233) (Stairs & Chimney) C. 449 Court St. (LUHD-235) (Stairs & Chimney) D. 500 Market St. (LUHD-236) (Trash Enclosure) 53 Green St. (LUHD-257) (5 Story Mixed-Use Building) Ε. F. 279 Marcy St. (LUHD-259) (Recessed Deck)

- Recommend Approval - Recommend Approval



LOCATER MAP

COMMISSION DATE: March 3rd & 10th, 2021 **APPLICATIONS: 19** DISTRICT MEETING **HISTORIC**

Project Address: Permit Requested: Meeting Type:

45 RICHMOND ST. (LU-20-249) **CERTIFICATE OF APPROVAL PUBLIC HEARING #1**

City Council

Mid-Block

Demolition

Existing Conditions:

- Zoning District: MRO
- Land Use: Single Family
- Land Area: 5,660 SF +/-
- Estimated Age of Structure: c.1890
- Building Style: Vernacular
- Historical Significance: <u>C</u> Public View of Proposed Work: <u>View from Richmond and Washington Streets.</u>
- Unique Features: NA
- Neighborhood Association: South End
- B. Proposed Work: To replace rear addition and garage and add an attic dormer.

C. Other Permits Required:

Board of Adjustment Planning Board

D. Lot Location:

Terminal Vista

Gateway

Intersection / Corner Lot Rearlot

E. Existing Building to be Altered/ Demolished:

 \blacksquare Principal

- F. Sensitivity of Context:
 - □ Highly Sensitive ☑ Sensitive □ Low Sensitivity □ "Back-of-House"

G. Design Approach (for Major Projects):

- Literal Replication (i.e. 6-16 Congress, Jardinière Building, 10 Pleasant Street)
- Invention within a Style (i.e., Porter Street Townhouses, 100 Market Street)
- Abstract Reference (i.e. Portwalk, 51 Islington, 55 Congress Street)
- Intentional Opposition (i.e. McIntyre Building, Citizen's Bank, Coldwell Banker)

H. Project Type:

- Consent Agenda (i.e. very small alterations, additions or expansions)
- Minor Project (i.e. small alterations, additions or expansions)
- Moderate Project (i.e. significant additions, alterations or expansions)
- Major Project (i.e. very large alternations, additions or expansions)

Neighborhood Context:

rear yards and garden areas.

J. Staff Comments and/ or Suggestions for Consideration:

The Application is proposing to:

- addition and new garage with an attached greenhouse;
- Relocate a faux chimney, and
- Add a new front landing and steps.
- Note that applicant has modified the spacing on the windows.

and Additions (10).

K. Aerial Image, Street View and Zoning Map:





Zoning Map

 The building is located near the intersection of Richmond and Washington Streets in the heart of the South End. It is surrounded with many 2-3 story wood-sided historic structures with small

• Demolish and replace the existing single-story rear addition and garage with a 2 story

Design Guideline Reference – Guidelines for Exterior Woodwork (05), Porches, Steps and Decks (06), Windows and Doors (08,) and Small Scale New Construction



		INFO/ EVALUATION CRITERIA	SUBJE	CT PROPERTY	NEIG	HBORHOOD CONTEXT	
	NL	Project Information	Existing Building	Proposed Building (+/-)	Abutting Structures (Average)	Surrounding Structures (Average)	5
		GENERAL BUILDING INFORMATION	(ESTIMA	TED FROM THE TAX MAPS & AS	SESSOR'S INFO)		
	1	Gross Floor Area (SF)					2
	2	Floor Area Ratio (GFA/ Lot Area)					0
	3	Building Height / Street-Width Ratio		Λ	NODERATE PROJ	FCT	
	4	Building Height – Zoning (Feet)					
	5	Building Height – Street Wall / Cornice (Feet) Number of Stories	_	Construct Two St	orv Rear Addition. G	arage and Attic Dormer –	
	0 7	Building Coverage (% Building on the Lot)					Z
	/	PROJECT REVIEW ELEMENT		NT'S COMMENTS	HDC SUGGESTIONS	APPROPRIATENESS	
			AFFLICAI	NI S COMMENTS	HDC 30GGESHONS		
ONIEXI	8	Scale (i.e. height, volume, coverage)				Appropriate Inappropriate	
Ż	9	Placement (i.e. setbacks, alignment)				Appropriate Inappropriate	
	10 11	Massing (i.e. modules, banding, stepbacks) Architectural Style (i.e. traditional – modern)				Appropriate Inappropriate	_ ◀
ļ	12	Roofs				Appropriate Inappropriate	
	12	Style and Slope					
	13	Roof Projections (i.e. chimneys, vents, dormers)				□ Appropriate □ Inappropriate □ Appropriate □ Inappropriate	
	15	Roof Materials				Appropriate Inappropriate	_ ⊲
	16	Cornice Line				Appropriate Inappropriate	¬>
	17	Eaves, Gutters and Downspouts				Appropriate Inappropriate	Ξú
	18	Walls				□ Appropriate □ Inappropriate	
	19	Siding / Material				🗆 Appropriate 🗆 Inappropriate	
ľ	20	Projections (i.e. bays, balconies)				🗆 Appropriate 🗆 Inappropriate	
	21	Doors and Windows				🗆 Appropriate 🗆 Inappropriate	
I	22	Window Openings and Proportions				🗆 Appropriate 🗆 Inappropriate	<u> </u>
	23	Window Casing/ Trim				🗆 Appropriate 🗆 Inappropriate	
	24	Window Shutters / Hardware				🗆 Appropriate 🗆 Inappropriate	<u> </u>
	25	Awnings				🗆 Appropriate 🗆 Inappropriate	
	26	Doors				🗆 Appropriate 🗆 Inappropriate	$ \cup$
	27	Porches and Balconies				🗆 Appropriate 🗆 Inappropriate	_ 2
	28	Projections (i.e. porch, portico, canopy)				🗆 Appropriate 🗆 Inappropriate	
	29	Landings/ Steps / Stoop / Railings				🗆 Appropriate 🗆 Inappropriate	
	30	Lighting (i.e. wall, post)				🗆 Appropriate 🗆 Inappropriate	
	31	Signs (i.e. projecting, wall)				🗆 Appropriate 🗆 Inappropriate	
	32	Mechanicals (i.e. HVAC, generators)				Appropriate Inappropriate	
	33	Decks				Appropriate Inappropriate	
	34	Garages/ Barns / Sheds (i.e. doors, placement)				Appropriate Inappropriate	- 1 059
	35 36	Fence / Walls (i.e. materials, type) Grading (i.e. ground floor height, street edge)				Appropriate Inappropriate	
	30	Landscaping (i.e. gardens, planters, street trees)				Appropriate Inappropriate	1/a
ŀ	37	Driveways (i.e. location, material, screening)				□ Appropriate □ Inappropriate □ Appropriate □ Inappropriate	
ŀ	39	Parking (i.e. location, access, visibility)				Appropriate Inappropriate	
ŀ	40	Accessory Buildings (i.e. sheds, greenhouses)				Appropriate Inappropriate	
P		ose and Intent:					
		eserve the integrity of the District:		No. 4 Mair	Itain the special character of the	District	
		ssessment of the Historical Significance:			plement and enhance the archit		
		onservation and enhancement of property valu				I welfare of the District to the city residents and vis	itors.
				0.1101	iere me caecanon, pieasore ana		1015.
1		v Criteria / Findings of Fact:					
		onsistent with special and defining character of	and the second s		tions the latest and a supple supple the advanced of	alue of existing structure: \Box Yes \Box No	

Project Evaluation Form: Permit Requested: Meeting Type:

46 DENNETT STREET (LU-21-25) **CERTIFICATE OF APPROVAL PUBLIC HEARING #2**

A. Property Information - General:

Existing Conditions:

- Zoning District: General Residential District A (GRA)
- Land Use: Single-Family
- Land Area: 2,825 SF +/-
- Estimated Age of Structure: c.1900
- Building Style: Colonial
- Historical Significance: <u>Contributing Structure</u> Public View of Proposed Work: <u>Limited View from Dennett Street.</u>
- Unique Features: NA
- Neighborhood Association: Christian Shore
- **B.** Proposed Work: To install a new gate to connect the house to the fence.

C. Other Permits Required:

Planning Board Board of Adjustment

D. Lot Location:

- Gateway
- Mid-Block

City Council

Rear Lot Intersection / Corner Lot

E. Existing Building to be Altered/ Demolished / Constructed:

Principal

Terminal Vista

Demolition

F. Sensitivity of Context:

□ Highly Sensitive □ Sensitive ☑ Low Sensitivity □ "Back-of-House"

G. Design Approach (for Major Projects):

Literal Replication (i.e. 6-16 Congress, Jardinière Building, 10 Pleasant Street)

Invention within a Style (i.e., Porter Street Townhouses, 100 Market Street)

Abstract Reference (i.e. Portwalk, 51 Islington, 55 Congress Street)

Intentional Opposition (i.e. McIntyre Building, Citizen's Bank, Coldwell Banker)

H. Project Type:

- Consent Agenda (i.e. very small alterations, additions or expansions)
- Minor Project (i.e. small alterations, additions or expansions)
- Moderate Project (i.e. significant additions, alterations or expansions)
- Major Project (i.e. very large alterations, additions or expansions)

I. Neighborhood Context:

contributing structures with little to no setbacks from the sidewalk/ street edge.

J. Background, Comments & Suggested Actions:

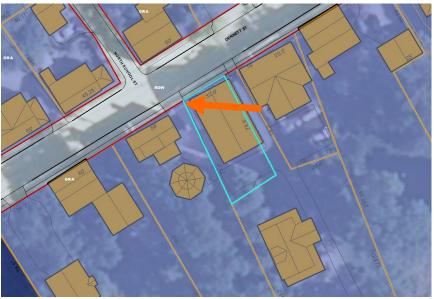
The Applicant is seeking to:

- Add a gate between the house and existing fence.
- The gate is proposed to match the wooden fence design.
- with the existing fence. Once submitted we will forward to the Commission.

Design Guideline Reference: Guidelines for Site Elements and Streetscapes • (09)

K. Aerial Images and Maps:





Zoning Map

• The building is located along Dennett Street. It is surrounded with many wood-frame 2 - 2.5 story

Please note that we have requested additional information to confirm the gate design is consistent

Aerial and Street View Image

HISTORIC SURVEY RATING

	INFO/ EVALUATION CRITERIA	SUBJE	CT PROPERTY	NEIG	HBORHOOD CONTEXT			
	Project Information	Existing Building	Proposed Building (+/-)	Abutting Structures (Average)	Surrounding Structures (Average)			
	GENERAL BUILDING INFORMATION	(ESTIMA	TED FROM THE TAX MAPS & AS	SESSOR'S INFO)				
1 Gross Floor Area (SF)								
	2 Floor Area Ratio (GFA/ Lot Area)							
	3 Building Height / Street-Width Ratio			MINOR PROJEC				
	4 Building Height – Zoning (Feet)				-			
	 5 Building Height – Street Wall / Cornice (Feet) 6 Number of Stories 		-	- Add Gate in Walkw	ay –			
	6 Number of Stories 7 Building Coverage (% Building on the Lot)			-				
	PROJECT REVIEW ELEMENT	HDC	COMMENTS	HDC SUGGESTIONS	APPROPRIATENESS			
	8 Scale (i.e. height, volume, coverage)							
9								
10								
11	Architectural Style (i.e. traditional – modern)							
12	Roofs				□ Appropriate □ Inappropriate			
13	Style and Slope				🗆 Appropriate 🗆 Inappropriate			
14					🗆 Appropriate 🗆 Inappropriate			
15					🗆 Appropriate 🗆 Inappropriate			
16					🗆 Appropriate 🗆 Inappropriate			
17	Eaves, Gutters and Downspouts							
18	Walls							
19 20	Number and Material Projections (i.e. bays, balconies)							
21					 Appropriate Inappropriate Appropriate Inappropriate 			
22	Window Openings and Proportions							
23	Window Casing/ Trim							
24	Window Shutters / Hardware							
25	Storm Windows / Screens / Awnings							
26	Doors							
27	Porches and Balconies				Appropriate Inappropriate			
28	Projections (i.e. porch, portico, canopy)				□ Appropriate □ Inappropriate			
29	Landings/ Steps / Stoop / Railings				🗆 Appropriate 🗆 Inappropriate			
30	Lighting (i.e. wall, post)				🗆 Appropriate 🗆 Inappropriate			
31	Signs (i.e. projecting, wall)				🗆 Appropriate 🗆 Inappropriate			
32	Mechanicals (i.e. HVAC, generators)				🗆 Appropriate 🗆 Inappropriate			
33	Decks				🗆 Appropriate 🗆 Inappropriate			
34	Garages (i.e. doors, placement)				🗆 Appropriate 🗆 Inappropriate			
35	Fence / Walls / Screenwalls (i.e. materials, type)							
36 37	Grading (i.e. ground floor height, street edge)							
37	Landscaping (i.e. gardens, planters, street trees) Driveways (i.e. location, material, screening)							
					Appropriate			
30 39	Parking (i.e. location, access, visibility)							

Project Address: Permit Requested: **Meeting Type:**

33 JEWELL COURT (LU-20-191) **CERTIFICATE OF APPROVAL RE- HEARING #1**

Existing Conditions:

- Zoning District: CD4-W
- Land Use: Commercial
- Land Are: 34,791 SF +/-
- Estimated Age of Structure: c.1830
- Building Style: NA
- Historical Significance: C
- Public View of Proposed Work: View from Islington and S. Albany Streets
- Unique Features: Former Frank Jones Brewery
- Neighborhood Association: West End

B. Proposed Work: To replace slate shingles with asphalt.

C. Other Permits Required:

Board of Adjustment

Condo Association

<u>D.</u>	Lot	Loc	<u>atio</u>	<u>n:</u>

- Terminal Vista
- Mid-Block Gateway

Abutting Property Owner

Planning Board City Council

Intersection / Corner Lot Rearlot

E. Existing Building to be Altered/ Demolished:

Principal

Accessory

Demolition

F. Sensitivity of Context:

□ Highly Sensitive ☑ Sensitive □ Low Sensitivity □ "Back-of-House"

G. Design Approach (for Major Projects):

- Literal Replication (i.e. 6-16 Congress, Jardinière Building, 10 Pleasant Street)
- Invention within a Style (i.e., Porter Street Townhouses, 100 Market Street)
- Abstract Reference (i.e. Portwalk, 51 Islington, 55 Congress Street)
- Intentional Opposition (i.e. McIntyre Building, Citizen's Bank, Coldwell Banker)

H. Project Type:

- Consent Agenda (i.e. very small alterations, additions or expansions)
- Minor Project (i.e. small alterations, additions or expansions)
- Moderate Project (i.e. significant additions, alterations or expansions)
- Major Project (i.e. very large alterations, additions or expansions)

Neighborhood Context: Ι.

- heart of the West End. The existing building was constructed c. 1830.
- J. Staff Comments and/ or Suggestions for Consideration: The Application is proposing to:

 - to the April 7th meeting.

Design Guideline Reference – Guidelines for Roofing (04).

K. Aerial Image, Street View and Zoning Map:





Zoning Map

• This contributing structure is located within the former Frank Jones Brewery Complex in the

• To replace the existing slate roof (c.1830) with asphalt shingles. Note that the applicant is seeking estimates from contractors for repairing the existing roof and replacing the slate with composite slate shingles. As such, she has requested a continuance

Aerial and Street View Image

	INFO/ EVALUATION CRITERIA	SUB.	IECT PROPERTY	NEIC	GHBORHOOD CONTEXT			
	Project Information	Existing Building	Proposed Building (+/-)	Abutting Structures (Average)	Surrounding Structures (Average)	<		
	GENERAL BUILDING INFORMATION	(ESTIM	ATED FROM THE TAX MAPS & AS	SESSOR'S INFO)				
	1 Gross Floor Area (SF)	(
	2 Floor Area Ratio (GFA/ Lot Area)							
	3 Building Height / Street-Width Ratio				C T			
4 Building Height – Zoning (Feet)								
	5 Building Height – Street Wall / Cornice (Feet)		- Penlace S	late Shinales with A	sphalt Shinalos _			
	6 Number of Stories		 Replace Slate Shingles with Asphalt Shingles – 					
	7 Building Coverage (% Building on the Lot)							
	PROJECT REVIEW ELEMENT	APPLICA	ANT'S COMMENTS	HDC SUGGESTION	S APPROPRIATENESS			
2	8 Scale (i.e. height, volume, coverage)				🗆 Appropriate 🗆 Inappropriate			
Ē	8 Scale (i.e. height, volume, coverage) 9 Placement (i.e. setbacks, alignment)				🗆 Appropriate 🗆 Inappropriate			
õ	10 Massing (i.e. modules, banding, stepbacks)				🗆 Appropriate 🗆 Inappropriate			
J	D 11 Architectural Style (i.e. traditional – modern)				🗆 Appropriate 🗆 Inappropriate			
	12 Roofs				🗆 Appropriate 🗆 Inappropriate			
	13 Style and Slope				🗆 Appropriate 🗆 Inappropriate			
	14 Roof Projections (i.e. chimneys, vents, dormers)				🗆 Appropriate 🗆 Inappropriate			
	15 Roof Materials				🗆 Appropriate 🗆 Inappropriate			
	16 Cornice Line				🗆 Appropriate 🗆 Inappropriate			
^	17 Eaves, Gutters and Downspouts				🗆 Appropriate 🗆 Inappropriate			
	18 Walls				🗆 Appropriate 🗆 Inappropriate			
	19 Siding / Material				🗆 Appropriate 🗆 Inappropriate			
	20 Projections (i.e. bays, balconies)				🗆 Appropriate 🗆 Inappropriate			
	21 Doors and Windows				🗆 Appropriate 🗆 Inappropriate			
	22 Window Openings and Proportions				🗆 Appropriate 🗆 Inappropriate			
	23 Window Casing/ Trim				Appropriate Inappropriate			
	24 Window Shutters / Hardware				Appropriate Inappropriate			
	25 Awnings				Appropriate Inappropriate	- ()		
	26 Doors 27 Porches and Balconies				Appropriate Inappropriate			
	27 Forches and Baconies 28 Projections (i.e. porch, portico, canopy)				Appropriate Inappropriate			
	29 Landings/ Steps / Stoop / Railings				Appropriate Inappropriate			
	27 Lanaings/ steps / stoop / kalings 30 Lighting (i.e. wall, post)				Appropriate Inappropriate			
	31 Signs (i.e. projecting, wall)				□ Appropriate □ Inappropriate □ Appropriate □ Inappropriate			
	32 Mechanicals (i.e. HVAC, generators)				Appropriate			
	33 Decks				Appropriate Inappropriate			
	34 Garages/ Barns / Sheds (i.e. doors, placement)				Appropriate Inappropriate			
_	35 Fence / Walls (i.e. materials type)				Appropriate Inappropriate			
Z	36 Grading (i.e. ground floor height, street edge) 37 Landscaping (i.e. gardens, planters, street trees)				Appropriate Inappropriate	Con de		
ì	37 Landscaping (i.e. gardens, planters, street trees)				Appropriate Inappropriate	/=		
	1 38 1 Driveways (i.e. location, material, screening)				□ Appropriate □ Inappropriate			
2	39 Parking (i.e. location, access, visibility)				□ Appropriate □ Inappropriate			
	40 Accessory Buildings (i.e. sheds, greenhouses)				□ Appropriate □ Inappropriate			
	Purpose and Intent:							
	1. Preserve the integrity of the District:		🗆 No 🛛 4. Mair	ntain the special character of the	e District:			
	2. Assessment of the Historical Significance:			•	nitectural and historic character:			
	3. Conservation and enhancement of property valu			•	d welfare of the District to the city residents and visi	itors:		
	Review Criteria / Findings of Fact:							



Project Address: Permit Requested: Meeting Type:

1 & 31 RAYNES AVE. (LUHD-234) **CERTIFICATE OF APPROVAL WORK SESSION #A**

Existing Conditions: Zoning District: CD4 Land Use: Vacant / Gym Land Area: 2.4 Acres +/-Estimated Age of Structure: <u>c.1960s</u> Building Style: <u>Contemporary</u> Historical Significance: <u>NA</u>

- Public View of Proposed Work: View from Maplewood and Raynes Ave.
- Unique Features: NA
- Neighborhood Association: Downtown
- **B.** Proposed Work: To construct a 4-5 story mixed-use building(s).

C. Other Permits Required:

Board of Adjustment

Planning Board City Council

- D. Lot Location:
 - Terminal Vista

- Mid-Block
- Intersection / Corner Lot Rear Lot

E. Existing Building to be Altered/ Demolished:

\checkmark	Principal
--------------	-----------

- Accessory
- Demolition

F. Sensitivity of Context:

□ Highly Sensitive ☑ Sensitive □ Low Sensitivity □ "Back-of-House"

Gateway

G. Design Approach (for Major Projects):

- Literal Replication (i.e. 6-16 Congress, Jardinière Building, 10 Pleasant Street)
- Invention within a Style (i.e., Porter Street Townhouses, 100 Market Street)
- Abstract Reference (i.e. Portwalk, 51 Islington, 55 Congress Street)
- Intentional Opposition (i.e. McIntyre Building, Citizen's Bank, Coldwell Banker)

H. Project Type:

- Consent Agenda (i.e. very small alterations, additions or expansions)
- Minor Project (i.e. small alterations, additions or expansions)
- Moderate Project (i.e. significant additions, alterations or expansions)
- Major Project (i.e. very large alternations, additions or expansions)

I. Neighborhood Context:

newer infill commercial structures along Vaughan St. and Raynes Ave.

J. Staff Comments and/ or Suggestions for Consideration:

The Application is proposing to:

- Demolish the existing buildings.
- residential apartments.
- along the North Mill Pond.

Design Guideline Reference – Guidelines for Commercial Developments and Storefronts (12).

Κ. Aerial Image, Street View and Zoning Map:



Zoning Map

a. The building is located along Maplewood Ave. and Raynes Ave. along the North Mill Pond. It is surrounded with many 2-2.5 story wood-sided historic structures along Maplewood Ave. and

• Add two multi-story buildings with a hotel, ground floor commercial uses and upper story

• The project also includes a public greenway connection behind the proposed structures

• Note that the applicant has requested a continuance of this application until April.



Aerial and Street View Image

		INFO/ EVALUATION CRITERIA	SUBJEC	CT PROPERTY	NEIG	HBORHOOD CONTEXT			
	• -	Project Information	Existing Building	Proposed Building (+/-)	Abutting Structures (Average)	Surrounding Structures (Average)	5		
		GENERAL BUILDING INFORMATION	(ESTIMATE	D FROM THE TAX MAPS & AS	SSESSOR'S INFO)		- X z		
	1	Gross Floor Area (SF)							
	2	Floor Area Ratio (GFA/ Lot Area)					N FOR		
	3	Building Height / Street-Width Ratio	MAJOR PROJECT						
	4	Building Height – Zoning (Feet)							
	5	Building Height – Street Wall / Cornice (Feet)		– Constru	uct two 5 Story Mixed	I-llse Buildings –	≥		
	6	Number of Stories Building Coverage (% Building on the Lot)		CONSIL		r ose bonanigs			
	/								
		PROJECT REVIEW ELEMENT	APPLICANI	'S COMMENTS	HDC SUGGESTIONS				
X	8	Scale (i.e. height, volume, coverage)				Appropriate 🗆 Inappropriate	─┤┲╴ケ		
CONTEXT	9	Placement (i.e. setbacks, alignment)					ーフッ		
C	10	Massing (i.e. modules, banding, stepbacks)					_ ጚ ĝ		
		Architectural Style (i.e. traditional – modern)				Appropriate Inappropriate	UAT		
i	12	Roofs					_ _ č		
	13	Style and Slope					_		
	14	Roof Projections (i.e. chimneys, vents, dormers)				Appropriate Inappropriate			
	15	Roof Materials Cornice Line				Appropriate Inappropriate			
	16								
5	17	Eaves, Gutters and Downspouts				Appropriate Inappropriate			
N	18 19	Walls Siding / Material					⊣⊾ ⊐		
TFRIA	20	Projections (i.e. bays, balconies)					ב 🗾 -		
٩M	20	Doors and Windows				□ Appropriate □ Inappropriate □ Appropriate □ Inappropriate			
2	00	Doors and windows Window Openings and Proportions							
FSIGN	22	Window Openings and Hoponions Window Casing/ Trim				□ Appropriate □ Inappropriate □ Appropriate □ Inappropriate			
L.	23	Window Casing/ IIII Window Shutters / Hardware				□ Appropriate □ Inappropriate			
	25	Awnings							
DINC	26	Doors					ן כו ו		
	27	Porches and Balconies							
B	28	Projections (i.e. porch, portico, canopy)							
	29	Landings/ Steps / Stoop / Railings					─ ∟		
	30	Lighting (i.e. wall, post)							
İ.	31	Signs (i.e. projecting, wall)							
	32	Mechanicals (i.e. HVAC, generators)							
	33	Decks							
	34	Garages/ Barns / Sheds (i.e. doors, placement)							
_	35	Fence / Walls (i.e. materials, type)				□ Appropriate □ Inappropriate			
	36	Grading (i.e. ground floor height, street edge)				□ Appropriate □ Inappropriate			
DESIGN	37	Landscaping (i.e. gardens, planters, street trees)				□ Appropriate □ Inappropriate			
	38	Driveways (i.e. location, material, screening)				🗆 Appropriate 🗆 Inappropriate	- Composition		
SITF	39	Parking (i.e. location, access, visibility)				🗆 Appropriate 🗆 Inappropriate			
	40	Accessory Buildings (i.e. sheds, greenhouses)				🗆 Appropriate 🗆 Inappropriate			
H.	Purpo	ose and Intent:							
	1. Pr	eserve the integrity of the District:	🗆 Yes 🗆 N	lo 4. Mai	ntain the special character of the	District:			
		ssessment of the Historical Significance:	🗆 Yes 🗆 N		nplement and enhance the archit		[
		onservation and enhancement of property valu	es: 🛛 Yes 🗆 N		•	I welfare of the District to the city residents and visi	itors:		
		v Criteria / Findings of Fact:		-	· ,	,			

Project Address: Permit Requested: **Meeting Type:**

238 MARCY ST. (LUHD-274) **CERTIFICATE OF APPROVAL** WORK SESSION #1

Existing Conditions:

- Zoning District: GRB
- Land Use: <u>Single Family</u>
- Land Area: 3,860 SF +/-

- Estimated Age of Structure: <u>c.1900</u> Building Style: <u>Late 19C Vernacular</u> Historical Significance: <u>C</u> Public View of Proposed Work: <u>View from Marcy Street</u>
- Unique Features: NA
- Neighborhood Association: South End
- B. Proposed Work: To install solar panels.

C. Other Permits Required:

Board of Ad	justm
-------------	-------

Planning Board City Council

Demolition

- D. Lot Location:
 - Terminal Vista

- Mid-Block
- Rear Lot Intersection / Corner Lot

E. Existing Building to be Altered/ Demolished:

Principal

Accessory

F. Sensitivity of Context:

□ Highly Sensitive ☑ Sensitive □ Low Sensitivity □ "Back-of-House"

Gateway

G. Design Approach (for Major Projects):

- Literal Replication (i.e. 6-16 Congress, Jardinière Building, 10 Pleasant Street)
- Invention within a Style (i.e., Porter Street Townhouses, 100 Market Street)
- Abstract Reference (i.e. Portwalk, 51 Islington, 55 Congress Street)
- Intentional Opposition (i.e. McIntyre Building, Citizen's Bank, Coldwell Banker)

H. Project Type:

- Consent Agenda (i.e. very small alterations, additions or expansions)
- Minor Project (i.e. small alterations, additions or expansions)
- Moderate Project (i.e. significant additions, alterations or expansions)
- Major Project (i.e. very large alternations, additions or expansions)

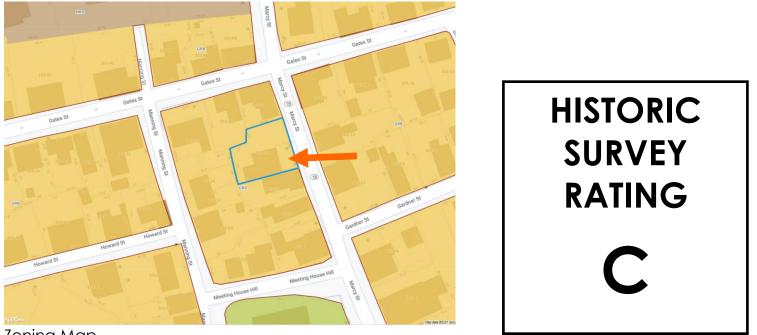
- I. Neighborhood Context:
 - structures with little to no front yard setbacks and small lots.
- J. Staff Comments and/ or Suggestions for Consideration:
 - The Application is proposing to:
 - Install 18 solar panels on the south-facing roof surface.

Note that the panels area low profile design, dark in color, and with minimum reflective glare. That said, they will be partially visible along Marcy Street.

Design Guideline Reference – Guidelines for Roofing (04).

Aerial Image, Street View and Zoning Map: Κ.





Zoning Map

• The building is located along Marcy Street and is set back for the street edge. It may have previously been a barn structure. It is surrounded with many 2-3 story historic

Aerial and 3D Massing Model Image

INFO/ EVALUATION CRITERIA			SUBJE	CT PROPERTY	NEIG	NEIGHBORHOOD CONTEXT				
	No	Project Information	Existing Building	Proposed Building (+/-)	Abutting Structures (Average)	Surrounding Structures (Average)				
Ī	NIA	GENERAL BUILDING INFORMATION	(ESTIMA	TED FROM THE TAX MAPS & ASS	ESSOR'S INFO)					
Ī	1	Gross Floor Area (SF)	· · · ·							
Ī	2	Floor Area Ratio (GFA/ Lot Area)								
Ī	3	Building Height / Street-Width Ratio		A A		ECT				
	4	Building Height – Zoning (Feet)	MODERATE PROJECT							
	5	Building Height – Street Wall / Cornice (Feet)		_	Install 18 Solar Pane					
_	6	Number of Stories		-		=12 —				
	7	Building Coverage (% Building on the Lot)								
		PROJECT REVIEW ELEMENT	APPLICA	NT'S COMMENTS	HDC SUGGESTIONS	APPROPRIATENESS				
F	8	Scale (i.e. height, volume, coverage)				🗆 Appropriate 🗆 Inappropri				
ONTEXT	9	Placement (i.e. setbacks, alignment)				🗆 Appropriate 🗆 Inappropr				
0	10	Massing (i.e. modules, banding, stepbacks)				🗆 Appropriate 🗆 Inappropr				
υ	11	Architectural Style (i.e. traditional – modern)				🗆 Appropriate 🗆 Inappropr				
	12	Roofs				🗆 Appropriate 🗆 Inappropr				
Ī	13	Style and Slope				🗆 Appropriate 🗆 Inappropr				
Ī	14	Roof Projections (i.e. chimneys, vents, dormers)				🗆 Appropriate 🗆 Inappropr				
Ī	15	Roof Materials				🗆 Appropriate 🗆 Inappropr				
Ī	16	Cornice Line				Appropriate 🗆 Inappropr				
Ī	17	Eaves, Gutters and Downspouts				🗌 Appropriate 🗆 Inappropr				
ALS	18	Walls				🗆 Appropriate 🗆 Inappropr				
RIA	19	Siding / Material				Appropriate 🗆 Inappropr				
ATE	20	Projections (i.e. bays, balconies)				🗆 Appropriate 🗆 Inappropr				
×	21	Doors and Windows				🗆 Appropriate 🗆 Inappropr				
8 N	22	Window Openings and Proportions				🗆 Appropriate 🗆 Inappropr				
5	23	Window Casing/ Trim				🗆 Appropriate 🗆 Inappropr				
ы D Ш	24	Window Shutters / Hardware				🗆 Appropriate 🗆 Inappropr				
ტ	25	Awnings				🗆 Appropriate 🗆 Inappropr				
	26	Doors				🗆 Appropriate 🗆 Inappropr				
	27	Porches and Balconies				□ Appropriate □ Inappropr				
B	28	Projections (i.e. porch, portico, canopy)				□ Appropriate □ Inappropr				
ľ	29	Landings/ Steps / Stoop / Railings				□ Appropriate □ Inappropr				
Ī	30	Lighting (i.e. wall, post)				🗆 Appropriate 🗆 Inappropr				
Ī	31	Signs (i.e. projecting, wall)				□ Appropriate □ Inappropr				
Ī	32	Mechanicals (i.e. HVAC, generators)				□ Appropriate □ Inappropr				
Ī	33	Decks				□ Appropriate □ Inappropr				
ľ	34	Garages/ Barns / Sheds (i.e. doors, placement)				□ Appropriate □ Inappropr				
ž	35	Fence / Walls (i.e. materials, type)				□ Appropriate □ Inappropr				
ESIG	36	Grading (i.e. ground floor height, street edge)				□ Appropriate □ Inappropr				
DE	37	Landscaping (i.e. gardens, planters, street trees)				□ Appropriate □ Inappropri				
SITE	38	Driveways (i.e. location, material, screening)				□ Appropriate □ Inappropr				
	40	Accessory Buildings (i.e. sheds, greenhouses)				□ Appropriate □ Inappropri				

1. Preserve the integrity of the District: 2. Assessment of the Historical Significance:

🗆 Yes 🗆 No 🗆 Yes 🗆 No 🗆 Yes 🗆 No

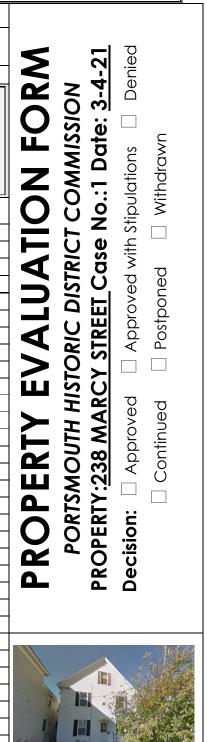
3. Conservation and enhancement of property values:

I. Review Criteria / Findings of Fact:

1. Consistent with special and defining character of surrounding properties: \Box Yes \Box No 3. Relation to historic and architectural value of existing structure:

2. Compatibility of design with surrounding properties:

□ Yes □ No 4. Compatibility of innovative technologies with surrounding properties: □ Yes □ No



5. Complement and enhance the architectural and historic character: 6. Promote the education, pleasure and welfare of the District to the city residents and visitors:

\Box Yes \Box	No
\Box Yes \Box	No
\Box Yes \Box	No

Project Address: Permit Requested: Meeting Type:

64 VAUGHAN MALL (LUHD-277) **CERTIFICATE OF APPROVAL** WORK SESSION #2

			 Install window Add a 4th floo
Existing Conditions: Zoning District: <u>CD5</u> Land Use: <u>Commercial</u> Land Area: <u>15,242 SF +/-</u> Estimated Age of Structure: <u>4</u> Building Style: <u>Vernacular C</u> Historical Significance: <u>C</u> Public View of Proposed Wo Unique Features: <u>NA</u> Neighborhood Association: <u>1</u>	<u>ommercial</u> rk: <u>View from the Va</u>	ughan Mall and Hanover St.	Design Guideline Refe Commercial Develops K. <u>Aerial Image, Street Vie</u> BEREE BEREE BEREE BEREE
·	<u>e improvements to th</u>	ne storefront and add a penthouse.	
C. Other Permits Required: Description Board of Adjustment	☑ Planning Board	☑ City Council	
D. Lot Location:			
Terminal Vista	Gateway	Mid-Block	
Intersection / Corner Lot	Rear Lot		
E. Existing Building to be Altered/ Der	<u>nolished:</u>		
Principal			(*/mr+t#
F. Sensitivity of Context:			
🗌 Highly Sensitive 🗹 Sen	isitive 🗌 Low Sensitivity	y 🗌 "Back-of-House"	
G. Design Approach (for Major Proje	<u>cts):</u>		
Literal Replication (i.e. 6-16	Congress, Jardinière Buildin	ig, 10 Pleasant Street)	E Home
Invention within a Style	(i.e., Porter Street Townhouse	es, 100 Market Street)	appendont 2
Abstract Reference (i.e. F	ortwalk, 51 Islington, 55 Cor	ngress Street)	2 tempe
🗌 Intentional Opposition (i.	e. McIntyre Building, Citizen	's Bank, Coldwell Banker)	E twonds
H. Project Type:			and the second s
🗌 Consent Agenda (i.e. ve	ry small alterations, add	ditions or expansions)	8
🗌 Minor Project (i.e. small a	Ilterations, additions or	expansions)	4 (15)
🗌 Moderate Project (i.e. si	gnificant additions, alte	erations or expansions)	plantond

Major Project (i.e. very large alternations, additions or expansions)

Neighborhood Context: Ι.

J.

- has an 8 space surface parking lot off of Hanover Street.
- Staff Comments and/ or Suggestions for Consideration:

The Application is proposing to:

- Modify the front storefront and facade.
- or with a penthouse level.

erence – Guidelines for Windows and Doors (08) and ments and Storefronts (12).

ew and Zoning Map:







Zoning Map

a. The building is located along the Vaughan Mall. The building is surrounded with many 2-5 story historic and contemporary structures with little to no setbacks. The property also

v, door and storefront openings along the Worth Lot.



Aerial and Street View Image

		INFO/ EVALUATION CRITERIA	SUBJ	ECT PROPERTY	N	EIGHBORHOOD CONTEXT				
	No	Project Information	Existing Building	Proposed Building (+/-)	Abutting Structures (Average)	Surrounding Structures (Average)				
Γ		GENERAL BUILDING INFORMATION	(ESTIMA	ATED FROM THE TAX MAPS & A						
	1	Gross Floor Area (SF)								
	2	Floor Area Ratio (GFA/ Lot Area)								
-	3	Building Height / Street-Width Ratio			MAJOR PROJ	FCT				
	4	Building Height – Zoning (Feet)								
-	5	Building Height – Street Wall / Cornice (Feet)	$-\Delta dd$	a 4 th Floor penth	orefront & add new openings					
-	6	Number of Stories			ouse, moany me si	orenom & dud new openings				
	7	Building Coverage (% Building on the Lot)								
		PROJECT REVIEW ELEMENT	APPLICA	NT'S COMMENTS	HDC SUGGESTI	ONS APPROPRIATENESS				
X	8	Scale (i.e. height, volume, coverage)				🗌 Appropriate 🗆 Inappropri				
ONTEXT	9	Placement (i.e. setbacks, alignment)				🗌 Appropriate 🗆 Inappropri				
0	10	Massing (i.e. modules, banding, stepbacks)				🗆 Appropriate 🗆 Inappropri				
5	11	Architectural Style (i.e. traditional – modern)				🗆 Appropriate 🗆 Inappropri				
-	12	Roofs				🗆 Appropriate 🗆 Inappropri				
-	13	Style and Slope				🗆 Appropriate 🗆 Inappropri				
-	14	Roof Projections (i.e. chimneys, vents, dormers)				🗆 Appropriate 🗆 Inappropri				
-	15	Roof Materials				🗌 Appropriate 🗆 Inappropri				
-	16	Cornice Line				🗆 Appropriate 🗆 Inappropri				
S	17	Eaves, Gutters and Downspouts								
ERIALS	18	Walls				🗌 Appropriate 🗆 Inappropri				
E	19	Siding / Material				🗌 Appropriate 🗆 Inappropri				
۹۷	20	Projections (i.e. bays, balconies)								
8	21	Doors and Windows								
N C	22	Window Openings and Proportions								
ESI	23 24	Window Casing/ Trim Window Shutters / Hardware								
		1				Appropriate Inappropri				
ž	25	Awnings				Appropriate Inappropri				
	26 27	Doors Porches and Balconies				□ Appropriate □ Inappropri □ Appropriate □ Inappropri				
BU										
ŀ	28 29	Projections (i.e. porch, portico, canopy) Landings/ Steps / Stoop / Railings								
ŀ	30	Lighting (i.e. wall, post)								
-	30	Signs (i.e. projecting, wall)								
ŀ	32	Mechanicals (i.e. HVAC, generators)				□ Appropriate □ Inappropri □ Appropriate □ Inappropri				
ŀ	33	Decks								
ŀ	34	Garages/ Barns / Sheds (i.e. doors, placement)				Appropriate 🗆 Inappropri Appropriate 🗆 Inappropri				
z	34	Fence / Walls (i.e. materials, type)				Appropriate Inappropriate				
5	36	Grading (i.e. ground floor height, street edge)				Appropriate Inappropriate				
DES	37	Landscaping (i.e. gardens, planters, street trees)								
SITE	38	Driveways (i.e. location, material, screening)								
S	40	Accessory Buildings (i.e. sheds, greenhouses)				· · · · · ·				
	-	e and Intent:				🗆 Appropriate 🗆 Inappropri				

3. Conservation and enhancement of property values:

🗆 Yes 🗆 No 🗆 Yes 🗆 No

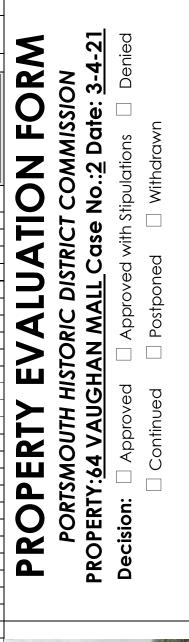
I. Review Criteria / Findings of Fact:

1. Consistent with special and defining character of surrounding properties: \Box Yes \Box No 3. Relation to historic and architectural value of existing structure:

3. Compatibility of design with surrounding properties:

6. Promote the education, pleasure and welfare of the District to the city residents and visitors:

□ Yes □ No 4. Compatibility of innovative technologies with surrounding properties: □ Yes □ No







Project Address: Permit Requested: **Meeting Type:**

41 SALTER STREET (LUHD-278) CERTIFCATE OF APPROVAL WORK SESSION #3

A. Property Information - General:

Existing Conditions:

- Zoning District: <u>Waterfront Business (WB)</u>
- Land Use: Single Family
- Land Area: <u>2,970 SF +/-</u>
- Estimated Age of Structure: c.1850 Building Style: <u>Greek Revival</u>

- Number of Stories: 1.5 Historical Significance: <u>Contributing</u> Public View of Proposed Work: <u>Limited public view</u>
- Unique Features: NA
- Neighborhood Association: South End
- **B.** Proposed Work: To add a 2nd floor addition on rear elevation.

C. Other Permits Required:

Board of Adjustment

Planning Board City Council

- D. Lot Location:
 - Terminal Vista
 - Intersection / Corner Lot Rear Lot

E. Existing Building to be Altered/ Demolished / Constructed:

Principal

Accessory

Demolition

Mid-Block

F. Sensitivity of Context:

□ Highly Sensitive ☑ Sensitive □ Low Sensitivity □ "Back-of-House"

Gateway

G. Design Approach (for Major Projects):

- Literal Replication (i.e. 6-16 Congress, Jardinière Building, 10 Pleasant Street)
- Invention within a Style (i.e., Porter Street Townhouses, 100 Market Street)
- Abstract Reference (i.e. Portwalk, 51 Islington, 55 Congress Street)
- Intentional Opposition (i.e. McIntyre Building, Citizen's Bank, Coldwell Banker)

H. Project Type:

- Consent Agenda (i.e. very small alterations, additions or expansions)
- Minor Project (i.e. small alterations, additions or expansions)
- Moderate Project (i.e. significant additions, alterations or expansions)
- Major Project (i.e. very large alterations, additions or expansions)

I. Neighborhood Context:

is surrounded with many historically significant structures and most have shallow setbacks along the street and narrow side yards.

J. Staff Comments and/ or Suggestions for Consideration:

The Applicant is proposing to:

- Add a 2nd floor addition on the rear of the structure.
- Dormers are proposed within the addition.

Design Guideline Reference – Guidelines for Roofing (04), Exterior Woodwork (05) and Windows and Doors (08)

K. Aerial Image, Street View and Zoning Map:





Zoning Map

• This historically-significant and contributing building is located along Salter Street. The property

Aerial and Street View Image

		INFO/ EVALUATION CRITERIA	SUB.II	ECT PROPERTY	NEI	GHBORHOOD CONTEXT				
		Project Information	Existing Building	Proposed Building (+/-)	Abutting Structures	Surrounding Structures (Average)				
F	No.	GENERAL BUILDING INFORMATION	(ESTIMA	TED FROM THE TAX MAPS & ASSES	SOR'S INFO)					
F	1	Gross Floor Area (SF)	(
	2	Floor Area Ratio (GFA/ Lot Area)				· C T				
	3	Building Height / Street-Width (ROW) Ratio		MINOR PROJECT						
	4	Building Height – Zoning (Feet)								
	5	Building Height – Street Wall / Cornice (Feet)		- 4	Add 2 nd Floor Addi	ition -				
	6	Number of Stories								
	7	Building Coverage (% Building on the Lot)								
		PROJECT REVIEW ELEMENT	APPLICA	ANT'S COMMENTS	HDC SUGGESTIONS	S APPROPRIATENESS				
8		Scale (i.e. height, volume, coverage)				🗆 Appropriate 🗆 Inappropriate				
	9	Placement (i.e. setbacks, alignment)								
10)	Massing (i.e. modules, banding, stepbacks)								
	11	Architectural Style (i.e. traditional – modern)								
	12	Roofs								
1	3	Style and Slope								
1	4	Roof Projections (i.e. chimneys, vents, dormers)								
1	5	Roof Materials								
16		Cornice Line								
	17	Eaves, Gutters and Downspouts								
	18	Walls								
1	0	Number and Material								
20	<u>י</u>	Projections (i.e. bays, balconies)								
20 21		Projections (i.e. bays, balconies) Doors and windows								
22		Window Openings and Proportions								
2		Window Casing/ Trim								
24		Window Shutters / Hardware				🗆 Appropriate 🗆 Inappropriate				
2		Storm Windows / Screens				🗆 Appropriate 🗆 Inappropriate				
20		Doors				🗆 Appropriate 🗆 Inappropriate				
2		Porches and Balconies				🗆 Appropriate 🗆 Inappropriate				
2	28	Projections (i.e. porch, portico, canopy)				🗆 Appropriate 🗆 Inappropriate				
29	9	Landings/ Steps / Stoop / Railings				🗆 Appropriate 🗆 Inappropriate				
	30	Lighting (i.e. wall, post)				🗆 Appropriate 🗆 Inappropriate				
3	1	Signs (i.e. projecting, wall)				🗆 Appropriate 🗆 Inappropriate				
32		Mechanicals (i.e. HVAC, generators)				🗆 Appropriate 🗆 Inappropriate				
3	33	Decks				🗆 Appropriate 🗆 Inappropriate				
3	4	Garages / Barns / Sheds (i.e. doors, placement)				🗆 Appropriate 🗆 Inappropriate				
35	5	Fence / Walls / Screenwalls (i.e. materials, type)				🗆 Appropriate 🗆 Inappropriate				
3	6	Grading (i.e. ground floor height, street edge)				🗆 Appropriate 🗆 Inappropriate				
37		Landscaping (i.e. gardens, planters, street trees)				□ Appropriate □ Inappropriate				
38		Driveways (i.e. location, material, screening)								
	39	Parking (i.e. location, access, visibility)								
	40	Accessory Buildings (i.e. sheds, greenhouses)	1							

H. Purpose and Intent:

1. Preserve the integrity of the District: 2. Assessment of the Historical Significance:

🗆 Yes 🗆 No 🗆 Yes 🗆 No

I. Review Criteria / Findings of Fact:

1. Consistent with special and defining character of surrounding properties: \Box Yes \Box No 3. Relation to historic and architectural value of existing structure:

2. Compatibility of design with surrounding properties:

3. Conservation and enhancement of property values:

□ Yes □ No 4. Compatibility of innovative technologies with surrounding properties: □ Yes □ No

4. Maintain the special character of the District:

5. Complement and enhance the architectural and historic character: 6. Promote the education, pleasure and welfare of the District to the city residents and visitors: 🗆 Yes 🗆 No

Project Address: Permit Requested: Meeting Type:

180 NEW CASTLE AVE. (LUHD-233) **CERTIFICATE OF APPROVAL** WORK SESSION #B

A. Property Information - General:

Existing Conditions:

- Zoning District: SRB
- Land Use: Single-Family
- Land Area: 9,583 SF +/-
- Estimated Age of Structure: c.1895
- Building Style: Greek Revival
- Historical Significance: C
- Public View of Proposed Work: View from New Castle Ave. & Humphrey Ct.
- Unique Features: NA
- Neighborhood Association: South End
- **B.** Proposed Work: Construct a rear addition with deck and replace siding, windows & roof.

C. Other Permits Required:

Board of Adjustment 🗌 Planning Board 🔛 City Council

Abutting Property Owner Condo Association

- D. Lot Location:
 - Terminal Vista

Mid-Block

Demolition

✓ Intersection / Corner Lot 🗌 Rear Lot

E. Existing Building to be Altered/ Demolished / Constructed:

- Principal
- F. Sensitivity of Context:
 - Highly Sensitive Sensitive Low Sensitivity "Back-of-House"

Accessory

Gateway

G. Design Approach (for Major Projects):

- Literal Replication (i.e. 6-16 Congress, Jardinière Building, 10 Pleasant Street)
- Invention within a Style (i.e., Porter Street Townhouses, 100 Market Street)
- Abstract Reference (i.e. Portwalk, 51 Islington, 55 Congress Street)
- Intentional Opposition (i.e. McIntyre Building, Citizen's Bank, Coldwell Banker)

H. Project Type:

- Consent Agenda (i.e. very small alterations, additions or expansions)
- Minor Project (i.e. small alterations, additions or expansions)
- Moderate Project (i.e. significant additions, alterations or expansions)
- ☐ Major Project (i.e. very large alterations, additions or expansions)

I. Neighborhood Context:

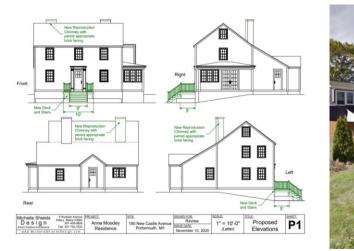
• The building is located along the intersection of New Caste Ave. and Ball Street. It is narrow side vards and deeper rear vards.

J. Background & Suggested Action:

- The applicant is proposing to:
- Replace the deck and stairs along New Castle Ave.
- Replace the existing chimney with a faux brick veneer chimney.

Design Guideline Reference – Guidelines for Masonry and Stucco (07) and Porches, Stoops and Decks (06).

K. Aerial Image, Street View and Zoning Map:





Zoning Map

surrounded with many 2 to 2.5 story wood-sided structures with shallow front yard setbacks

NOTE – The deadline for the applicant to submit new information for the 3-10-21 meeting is next Wednesday. Once submitted, we will forward the submitted material to the Commission.



Elevations & Streetview Image

HISTORIC SURVEY RATING

			180 NEW	CASTLE AVE	E. (LUHD-233) – W	ORK SESSION #B (MO	DERATE PROJECT)	
INFO/ EVALUATION CRIT			INFO/ EVALUATION CRITERIA	SUBJ	ECT PROPERTY	NEIGH	IBORHOOD CONTEXT	
			Project Information	Existing Building	Proposed Building (+/-)	Abutting Structures (Average)	Surrounding Structures (Average)	RN N <u>-10-21</u>
			GENERAL BUILDING INFORMATION	(ESTIMA	TED FROM THE TAX MAPS & AS	SESSOR'S INFO)		RA N 7 10-2
Ë		1	Gross Floor Area (SF)					- K Š ľ ľ
STA		2	Floor Area Ratio (GFA/ Lot Area)					FOR 15510N ate: 3-
S.		3	Building Height / Street-Width Ratio		Α	NODERATE PROJE	ECT	
		4	Building Height – Zoning (Feet)		n n			und State ∩
	_	5	Building Height – Street Wall / Cornice (Feet)		- Replac	e Chimney and Deck	vs and Stairs -	Ξ
		6	Number of Stories			e chinney and beck		
	_	7	Building Coverage (% Building on the Lot)					
			PROJECT REVIEW ELEMENT	APPLICA	NT'S COMMENTS	HDC SUGGESTIONS	APPROPRIATENESS	T COMMI No.:B Do
	EXT	8	Scale (i.e. height, volume, coverage)				🗆 Appropriate 🗆 Inappropriate	
		9	Placement (i.e. setbacks, alignment)				🗆 Appropriate 🗆 Inappropriate	AT TRIC: Case
		10	Massing (i.e. modules, banding, stepbacks)				🗆 Appropriate 🗆 Inappropriate	
	0	11	Architectural Style (i.e. traditional – modern)				🗆 Appropriate 🗆 Inappropriate	ALU/ ALU/ IC DIST <u>Ave</u> C
RS		12	Roofs				🗆 Appropriate 🗆 Inappropriate	
MEMBERS		13	Style and Slope				🗆 Appropriate 🗆 Inappropriate	
Ξ		14	Roof Projections (i.e. chimneys, vents, dormers)				🗆 Appropriate 🗆 Inappropriate	
Ē		15	Roof Materials				🗆 Appropriate 🗆 Inappropriate	_ i e s s
		16	Cornice Line				🗆 Appropriate 🗆 Inappropriate	EV HISTO
Z		17	Eaves, Gutters and Downspouts				🗆 Appropriate 🗆 Inappropriate	— Ш S S
<u>0</u> }		18	Walls				🗆 Appropriate 🗆 Inappropriate	
SS	ERIA	19	Siding / Material				🗆 Appropriate 🗆 Inappropriate	_ ≻ ェ メ 🎽
COMMISSION	AT TA	20	Projections (i.e. bays, balconies)				🗆 Appropriate 🗆 Inappropriate	
≤ ⊡	≥	21	Doors and Windows				🗆 Appropriate 🗆 Inappropriate	
$\mathbf{\hat{\mathbf{a}}}$	ž_	22	Window Openings and Proportions				🗆 Appropriate 🗆 Inappropriate	
Ŭ B	ESIG-	23	Window Casing/ Trim				🗆 Appropriate 🗆 Inappropriate	
		24	Window Shutters / Hardware				🗆 Appropriate 🗆 Inappropriate	
\mathbf{O}	<u>ଅ</u> –	25	Storm Windows / Screens				🗆 Appropriate 🗆 Inappropriate	
2		26	Doors				🗆 Appropriate 🗆 Inappropriate	POR1 POR1 PERTY
DISTRICT		27	Porches and Balconies				🗆 Appropriate 🗆 Inappropriate	
Δ ΄	-	28	Projections (i.e. porch, portico, canopy)				🗆 Appropriate 🗆 Inappropriate	
U		29	Landings/ Steps / Stoop / Railings				Appropriate 🗆 Inappropriate	
HISTORIC	⊢	30	Lighting (i.e. wall, post)				🗆 Appropriate 🗆 Inappropriate	_
<u>0</u>		31	Signs (i.e. projecting, wall)				🗆 Appropriate 🗆 Inappropriate	
IS		32	Mechanicals (i.e. HVAC, generators)				🗆 Appropriate 🗆 Inappropriate	
I	F	33	Decks				🗆 Appropriate 🗆 Inappropriate	
	_	34	Garages/ Barns / Sheds (i.e. doors, placement)				Appropriate 🗆 Inappropriate	
	ESIGN	35	Fence / Walls / Screenwalls (i.e. materials, type)					
		36	Grading (i.e. ground floor height, street edge)					
	۵ ۳	37	Landscaping (i.e. gardens, planters, street trees)					
	-III	38	Driveways (i.e. location, material, screening)					
		39	Parking (i.e. location, access, visibility)				🗌 Appropriate 🗆 Inappropriate	

H. Purpose and Intent:

1. Preserve the integrity of the District: 2. Assessment of the Historical Significance: 🗆 Yes 🗆 No 🗆 Yes 🗆 No

🗆 Yes 🗆 No

3. Conservation and enhancement of property values:

I. Review Criteria / Findings of Fact:

1. Consistent with special and defining character of surrounding properties: \Box Yes \Box No 3. Relation to historic and architectural value of existing structure:

2. Compatibility of design with surrounding properties:

- 4. Maintain the special character of the District:
- 5. Complement and enhance the architectural and historic character:

6. Promote the education, pleasure and welfare of the District to the city residents and visitors:

□ Yes □ No 4. Compatibility of innovative technologies with surrounding properties: □ Yes □ No

Page 18 of 26

🗆 Yes 🗆 No

🗆 Yes 🗆 No

Project Address: Permit Requested: Meeting Type:

449 COURT STREET (LUHD-235) **CERTIFICATE OF APPROVAL WORK SESSION #C**

A. Property Information - General:

Existing Conditions:

- Zoning District: <u>CD4-L1</u>
- Land Use: Multi-Family
- Land Area: 2,613 SF +/-
- Estimated Age of Structure: c. 1996
- Building Style: Traditional
- Historical Significance: NA
- Public View of Proposed Work: <u>View from Court Street</u>
- Unique Features: NA
- Neighborhood Association: South End
- B. Proposed Work: Add a 4th Floor Addition and roof deck along Court Street.

C. Other Permits Required:

Board of Adjustment Condo Association

Planning Board City Council Abutting Property Owner

Mid-Block

Demolition

D. Lot Location:

- Terminal Vista
- Intersection / Corner Lot Rearlot

E. Existing Building to be Altered/ Demolished:

- Principal
- F. Sensitivity of Context:
 - □ Highly Sensitive ☑ Sensitive □ Low Sensitivity □ "Back-of-House"

Accessory

Gateway

G. Design Approach (for Major Projects):

- Literal Replication (i.e. 6-16 Congress, Jardinière Building, 10 Pleasant Street)
- Invention within a Style (i.e., Porter Street Townhouses, 100 Market Street)
- Abstract Reference (i.e. Portwalk, 51 Islington, 55 Congress Street)
- Intentional Opposition (i.e. McIntyre Building, Citizen's Bank, Coldwell Banker)

H. Project Type:

- Consent Agenda (i.e. very small alterations, additions or expansions)
- Minor Project (i.e. small alterations, additions or expansions)
- Moderate Project (i.e. significant additions, alterations or expansions)
- Major Project (i.e. very large alternations, additions or expansions)

I. Neighborhood Context:

- J. Staff Comments and/ or Suggestions for Consideration:
 - The Application is proposing to:
 - Change the roof design by adding a 4th floor addition and roof deck. taller structure with a common wall containing no openings.
 - •
- Additions (10).

K. Aerial Image, Street View and Zoning Map:



PROPOSED VIEW FROM DRIVEWAY



Zoning Map

• The buildings are located along lower Court Street. It's surrounded with many wood- and bricksided structures with no setbacks and shallow sideyards. This structure also abuts Strawbery Banke.

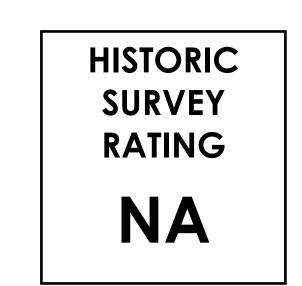
• The addition is generally proposed to be located along the northern property line abutting a

NOTE – The deadline for the applicant to submit new information for the 3-10-21 meeting is next Wednesday. Once submitted, we will forward the submitted material to the Commission.

Design Guideline Reference: Guidelines for Roofing (04), Exterior Woodwork (05), Porches, Steps and Decks (06) and Small Scale New Construction and



Rear Decks and Aerial View Image



449 COURT STREET (LUHD-235) – WORK SESSION #C (MINOR)

	INFO/ EVALUATION CRITERIA	SUBJE	CT PROPERTY	N	NEIGHBORHOOD CONTEXT	
	Project Information	Existing Building	Proposed Building (+/-)	Abutting Structures (Average)	Surrounding Structures (Average)	_ <
	GENERAL BUILDING INFORMATION	(ESTIMA)	TED FROM THE TAX MAPS & AS	SESSOR'S INFO)		_ <
1	Gross Floor Area (SF)					OR
				MINOR PROJ	JECT	
4						L S
			– Add 4	th Floor Addition a	and Roof Deck –	≥
	PROJECT REVIEW ELEMENT	APPLICAN	NT'S COMMENTS	HDC SUGGEST	TIONS APPROPRIATENESS	
8	Scale (i.e. height, volume, coverage)				🗆 Appropriate 🗆 Inappropriate	
<u>ہ</u> دو 1					□ Appropriate □ Inappropriate	
1					🗆 Appropriate 🗆 Inappropriate	
1	1 Architectural Style (i.e. traditional – modern)				🗆 Appropriate 🗆 Inappropriate	
1					🗆 Appropriate 🗆 Inappropriate	;≍
1	, ,				🗆 Appropriate 🗆 Inappropriate	
1					🗆 Appropriate 🗆 Inappropriate	
1					🗆 Appropriate 🗆 Inappropriate	
1					🗆 Appropriate 🗆 Inappropriate	
1					Appropriate Inappropriate	
1					Appropriate Inappropriate	_ I
1					Appropriate Inappropriate	≻
2					Appropriate Inappropriate	
2						_ ∠ č
2						
2					Appropriate	_ Z ₹
2					Appropriate Inappropriate Appropriate Inappropriate	
2					Appropriate Inappropriate Appropriate Inappropriate	
2					Appropriate Inappropriate	X ă
2					Appropriate Inappropriate	-
2					□ Appropriate □ Inappropriate	Q_
3					Appropriate Inappropriate	
3					□ Appropriate □ Inappropriate	
3					□ Appropriate □ Inappropriate	
3					□ Appropriate □ Inappropriate	
3	4 Garages/ Barns / Sheds (i.e. doors, placement)				□ Appropriate □ Inappropriate	1 Carl
3					🗆 Appropriate 🗆 Inappropriate	PH DE
3					🗆 Appropriate 🗆 Inappropriate	
3					🗆 Appropriate 🗆 Inappropriate	
3					🗆 Appropriate 🗆 Inappropriate	
3					🗆 Appropriate 🗆 Inappropriate	
4					🗆 Appropriate 🗆 Inappropriate	and the second sec
	Dose and Intent: Preserve the integrity of the District: Assessment of the Historical Significance: Conservation and enhancement of property value ew Criteria / Findings of Fact:	□ Yes □ □ Yes □ es: □ Yes □	No 5. Com		of the District: architectural and historic character: e and welfare of the District to the city residents and vi	isitors:

Project Address: Permit Requested: **Meeting Type:**

500 MARKET STREET (LUHD-236) **CERTIFICATE OF APPROVAL WORK SESSION #D**

A. Property Information - General:

Existing Conditions:

- Zoning District: CD4-L1
- Land Use: Mixed-Use
- Land Area: 102,680 SF +/-
- Estimated Age of Structure: c. 1982

- Building Style: <u>Classical Revival</u> Historical Significance: <u>C</u> Public View of Proposed Work: <u>View from Market Street</u>
- Unique Features: NA
- Neighborhood Association: Nobles Island
- B. Proposed Work: Replace trash enclosure.

C. Other Permits Required:

- Board of Adjustment
- Condo Association
- Planning Board City Council Abutting Property Owner

Mid-Block

Demolition

D. Lot Location:

- Terminal Vista
- Intersection / Corner Lot Rearlot

E. Existing Building to be Altered/ Demolished:

- Principal
- F. Sensitivity of Context:
 - □ Highly Sensitive □ Sensitive ☑ Low Sensitivity □ "Back-of-House"

Accessory

Gateway

G. Design Approach (for Major Projects):

- Literal Replication (i.e. 6-16 Congress, Jardinière Building, 10 Pleasant Street)
- Invention within a Style (i.e., Porter Street Townhouses, 100 Market Street)
- Abstract Reference (i.e. Portwalk, 51 Islington, 55 Congress Street)
- Intentional Opposition (i.e. McIntyre Building, Citizen's Bank, Coldwell Banker)

H. Project Type:

- Consent Agenda (i.e. very small alterations, additions or expansions)
- Minor Project (i.e. small alterations, additions or expansions)
- Moderate Project (i.e. significant additions, alterations or expansions)
- Major Project (i.e. very large alternations, additions or expansions)

I. Neighborhood Context:

- J. Staff Comments and/ or Suggestions for Consideration: The Application is proposing to:

 - Replace the brick dumpster enclosure with wooden fencing. •

Design Guideline Reference: Guidelines for Site Elements and Streetscapes (09)

K. Aerial Image, Street View and Zoning Map:





Zoning Map

• The buildings are located along Market Street along the North Mill Pond. It's surrounded with many brick 2.5 story structures with shallow setbacks and an internal parking lot area.

NOTE – The deadline for the applicant to submit new information for the 3-10-21 meeting is next Wednesday. Once submitted, we will forward the submitted material to the Commission.

Rear Decks and Aerial View Image



500 MARKET STREET (LUHD-236) – WORK SESSION #D (MINOR)

INFO/ EVALUATION CRITERI	A SUBJE	CT PROPERTY		GHBORHOOD CONTEXT	
Project Information	Existing Building	Proposed Building (+/-)	Abutting Structures (Average)	Surrounding Structures (Average)	
GENERAL BUILDING INFORMATION		ED FROM THE TAX MAPS & ASS	· · · · · · · · · · · · · · · · · · ·	(Avelage)	∠
1 Gross Floor Area (SF)					
2 Floor Area Ratio (GFA/ Lot Area)					
3 Building Height / Street-Width Ratio			MINOR PROJE	СТ	
4 Building Height – Zoning (Feet)					L.
 5 Building Height – Street Wall / Cornice (Feet) 6 Number of Stories 		_	Replace Trash Enclo	osure –	
7 Building Coverage (% Building on the Lot)					Z
PROJECT REVIEW ELEMENT	APPLICAN		HDC SUGGESTION	IS APPROPRIATENESS	
8 Scale (i.e. height, volume, coverage)				🗆 Appropriate 🗆 Inappropriate	$\neg \mathbf{\Sigma}$
 9 Placement (i.e. setbacks, alignment) 				Appropriate Inappropriate	
10 Massing (i.e. modules, banding, stepbacks)				Appropriate Inappropriate	
11 Architectural Style (i.e. traditional – modern)				□ Appropriate □ Inappropriate	
12 Roofs				🗆 Appropriate 🗆 Inappropriate	
13 Style and Slope				🗆 Appropriate 🗆 Inappropriate	▁▎ ▃ ▋
14 Roof Projections (i.e. chimneys, vents, dormers.)			🗆 Appropriate 🗆 Inappropriate	_ ◀
15 Roof Materials				Appropriate Inappropriate	
16 Cornice Line17 Eaves, Gutters and Downspouts					
18 Walls				 Appropriate Inappropriate Appropriate Inappropriate 	
19 Siding / Material				Appropriate Inappropriate	- ~
20 Projections (i.e. bays, balconies)				Appropriate Inappropriate	
1 Doors and Windows				□ Appropriate □ Inappropriate	
22 Window Openings and Proportions				🗆 Appropriate 🗆 Inappropriate	<u> </u>
3 Window Casing/ Trim				🗆 Appropriate 🗆 Inappropriate	
4 Window Shutters / Hardware				🗆 Appropriate 🗆 Inappropriate	_
5 Awnings6 Doors				🗆 Appropriate 🗆 Inappropriate	
				Appropriate Inappropriate	
Porches and BalconiesProjections (i.e. porch, portico, canopy)					_ ~
 Projections (i.e. porch, portico, canopy) Projections (i.e. porch, portico, canopy) Landings/ Steps / Stoop / Railings 				Appropriate	_
Lighting (i.e. wall, post)				Appropriate Inappropriate	
Signs (i.e. projecting, wall)				Appropriate Inappropriate	
Signs (i.e. projecting, wall)Mechanicals (i.e. HVAC, generators)				Appropriate Inappropriate	
33 Decks				Appropriate Inappropriate	
Garages/ Barns / Sheds (i.e. doors, placement.)			🗆 Appropriate 🗆 Inappropriate	Tom the second
35 Fence / Walls (i.e. materials, type)				🗆 Appropriate 🗆 Inappropriate	and the
Grading (i.e. ground floor height, street edge	· · · · · · · · · · · · · · · · · · ·			🗆 Appropriate 🗆 Inappropriate	Ser.
7 Landscaping (i.e. gardens, planters, street trees	5)			Appropriate Inappropriate	and a second
B Driveways (i.e. location, material, screening)					
 Parking (i.e. location, access, visibility) Accessory Buildings (i.e. sheds, greenhouses) 				Appropriate Inappropriate	
ose and Intent:					
Preserve the integrity of the District:		No 4 Main	tain the special character of the	e District:	
Assessment of the Historical Significance:			•	nitectural and historic character:	
Conservation and enhancement of prope			•	nd welfare of the District to the city residents and vis	itors:
iew Criteria / Findings of Fact: Consistent with special and defining chara				value of existing structure: □ Yes □ No	

Project Evaluation Form: Permit Requested: Meeting Type:

53 GREEN STREET (LUHD-257) **CERTIFICATE OF APPROVAL WORK SESSION #E**

A. Property Information - General: **Existing Conditions:**

- Zoning District: CD5
- Land Use: <u>Commercial</u> Land Area: <u>78.843 SF +/-</u>
- Estimated Age of Structure: c.1920/1970
- Building Style: <u>Industrial</u> Number of Stories: <u>2.0</u>

- Historical Significance: <u>Non-Contributing</u> Public View of Proposed Work: <u>View from Market and Green Streets</u>
- Unique Features: <u>NA</u>
- Neighborhood Association: North End
- B. Proposed Work: To add a new 5-Story Mixed-Use Apartment Building

C. Other Permits Required:

Board of Adjustment

Planning Board City Council

Mid-Block

Demolition

D. Lot Location:

- Terminal Vista
- Gateway
- Rear Lot Intersection / Corner Lot

E. Existing Building to be Altered/ Demolished:

\checkmark	Principal
--------------	-----------

- F. Sensitivity of Neighborhood Context:
 - □ Highly Sensitive □ Sensitive ☑ Low Sensitivity □ "Back-of-House"

Accessory

G. Design Approach (for Major Projects):

- Literal Replication (i.e. 6-16 Congress, Jardinière Building, 10 Pleasant Street)
- Invention within a Style (i.e., Porter Street Townhouses, 100 Market Street)
- Abstract Reference (i.e. Portwalk, 51 Islington, 55 Congress Street)
- Intentional Opposition (i.e. McIntyre Building, Citizen's Bank, AC Hotel)

H. Project Type:

- Consent Agenda (i.e. very small alterations, additions or expansions)
- Minor Project (i.e. small alterations, additions or expansions)
- Moderate Project (i.e. significant additions, alterations or expansions)
- Major Project (i.e. very large alterations, additions or expansions)

I. Neighborhood Context:

along the waterfront. Such improvements are still be implemented by the developer.

J. Staff Comments and Suggestions for Consideration:

- exchange for the added height.
- The existing buildings will be demolished as part of the project.
- Wednesday. Once submitted, we will forward the submitted material to the Commission.

Design Guideline Reference – Guidelines for Commercial Developments and Storefronts (12).

K. Proposed Design, Street View and Aerial View:



Proposed Design and Street View Image of Existing Conditions



Aerial View

• This non-contributing structure is located along Green Street and is surrounded with many other brick or metal-clad buildings between 1-5 stories in height. Much of the North End was cleared during Urban Renewal period in the 1960s but the buildings on this site were outside the limit of clearing. The abutting 233 Vaughan Street building and the AC Hotel were recently completed and the AC Hotel project includes a community space requirement for public access to and

• The proposed massing and scale is significant for the size of the site but it is generally consistent with the abutting AC Hotel and the underlying zoning requirements in the CD4 Character District. • The proposed building is 3-5 Stories in height which requires community space to be provided in

NOTE – The deadline for the applicant to submit new information for the 3-10-21 meeting is next

HISTORIC SURVEY RATING NC

INFO/ EVALUATION CRITERIA	SUBJECT PROPERTY		NEIGHBORHOOD CONTEXT		
Project Information	Existing Building	Proposed Building (+/-)	Abutting Structures (Average)	Surrounding Structures (Average)	
GENERAL BUILDING INFORMATION	(ESTIMA	TED FROM THE TAX MAPS & AS	SESSOR'S INFO)		
Gross Floor Area (SF)	`				
Floor Area Ratio (GFA/ Lot Area)					
Building Height / Street-Width Ratio				FAT	
Building Height – Zoning (Feet)			MAJOR PROJ	ECI	
Building Height – Street Wall / Cornice (Feet)					
Number of Stories	_ _	Remove Structure	es & Construct a 5-3	Story, Mixed-Use Building –	
Building Coverage (% Building on the Lot)			-		
PROJECT REVIEW ELEMENT	HDC	COMMENTS	HDC SUGGESTIO		
Scale (i.e. height, volume, coverage)				Appropriate Inappropriate	
Placement (i.e. setbacks, alignment)				Appropriate Inappropriate	
Massing (i.e. modules, banding, stepbacks)				Appropriate Inappropriate	
Architectural Style (i.e. traditional – modern)				Appropriate Inappropriate	
Roofs				Appropriate Inappropriate	
Style and Slope				Appropriate Inappropriate	
Roof Projections (i.e. chimneys, vents, dormers)				Appropriate Inappropriate	
Roof Materials				Appropriate Inappropriate	
Cornice Line				Appropriate Inappropriate	
Eaves, Gutters and Downspouts				Appropriate Inappropriate	
Walls				Appropriate Inappropriate	
Siding / Material Projections (i.e. bays, balconies)				□ Appropriate □ Inappropriate	
Projections (i.e. bays, balconies)				Appropriate Inappropriate	
Doors and windows				□ Appropriate □ Inappropriate	
Window Openings and Proportions Window Casing/ Trim				Appropriate Inappropriate	
Window Casing/ Irim Window Shutters / Hardware				Appropriate Inappropriate	
Awnings				Appropriate Inappropriate	
Doors				Appropriate Inappropriate	
Porches and Balconies				□ Appropriate □ Inappropriate □ Appropriate □ Inappropriate	
Projections (i.e. porch, portico, canopy)				Appropriate Inappropriate	
Landings/ Steps / Stoop / Railings				Appropriate Inappropriate	
Lighting (i.e. wall, post)				Appropriate Inappropriate	
Signs (i.e. projecting, wall)				Appropriate Inappropriate	
Mechanicals (i.e. HVAC, generators)				Appropriate Inappropriate	
Decks				Appropriate Inappropriate	
Garages (i.e. doors, placement)				Appropriate Inappropriate	
Fence / Walls (i.e. materials, type)				Appropriate Inappropriate	
Grading (i.e. ground floor height, street edge)					
Landscaping (i.e. gardens, planters, street trees)					
Driveways (i.e. location, material, screening)					
Parking (i.e. location, access, visibility)				Appropriate Inappropriate	
				Appropriate Inappropriate	
Accessory Buildings (i.e. sheds, greenhouses)					

🗆 Yes 🗆 No

3. Conservation and enhancement of property values:

I. Review Criteria / Findings of Fact:

1. Consistent with special and defining character of surrounding properties: \Box Yes \Box No 3. Relation to historic and architectural value of existing structure:

2. Compatibility of design with surrounding properties:

🗆 Yes 🗆 No □ Yes □ No 4. Compatibility of innovative technologies with surrounding properties: □ Yes □ No

6. Promote the education, pleasure and welfare of the District to the city residents and visitors:

🗆 Yes 🗆 No

Project Address: Permit Requested: **Meeting Type:**

279 MARCY ST. (LUHD-259) **CERTIFICATE OF APPROVAL WORK SESSION #F**

Existing Conditions:

- Zoning District: GRB
- Land Use: Single Family
- Land Area: 5,660 SF +/-
- Estimated Age of Structure: <u>c.1875</u> Building Style: <u>Greek Revival</u> Historical Significance: <u>C</u>
- Public View of Proposed Work: View from Marcy St. & Meeting House Hill Rd.
- Unique Features: Non-Contributing
- Neighborhood Association: South End
- B. Proposed Work: To add a recessed roof dormer.

C. Other Permits Required:

Board of Adjustment

Planning Board City Council

D. Lot Location:

erminal	Vista

Mid-Block

Rear Lot Intersection / Corner Lot

E. Existing Building to be Altered/ Demolished:

Principal

Accessory Demolition

F. Sensitivity of Context:

□ Highly Sensitive ☑ Sensitive □ Low Sensitivity □ "Back-of-House"

Gateway

G. Design Approach (for Major Projects):

- Literal Replication (i.e. 6-16 Congress, Jardinière Building, 10 Pleasant Street)
- Invention within a Style (i.e., Porter Street Townhouses, 100 Market Street)
- Abstract Reference (i.e. Portwalk, 51 Islington, 55 Congress Street)
- Intentional Opposition (i.e. McIntyre Building, Citizen's Bank, Coldwell Banker)

H. Project Type:

- Consent Agenda (i.e. very small alterations, additions or expansions)
- Minor Project (i.e. small alterations, additions or expansions)
- Moderate Project (i.e. significant additions, alterations or expansions)
- Major Project (i.e. very large alternations, additions or expansions)

I. <u>Neighborhood</u> Context:

- setback and small rear yards and garden areas.
- J. Staff Comments and/ or Suggestions for Consideration: The Application is proposing to:
 - Add a recessed roof deck within the southern roof structure.

Design Guideline Reference – Guidelines for Exterior Woodwork (05), Porches, Steps and Decks (06), Windows and Doors (08,) and Small Scale New Construction and Additions (10).

Aerial Image, Street View and Zoning Map:





Zoning Map

a. The building is located near the Meeting House along Marcy Street in the heart of the South End. It is surrounded with many 2-3 story wood-sided historic structures with no front yard

NOTE – The deadline for the applicant to submit new information for the 3-10-21 meeting is next Wednesday. Once submitted, we will forward the submitted material to the Commission.

Proposed Alterations and Existing Conditions

	INFO/ EVALUATION CRITERIA	SUBJECT PROPERTY		NEIGHBORHOOD CONTEXT		
N 1 -	Project Information	Existing Building	Proposed Building (+/-)	Abutting Structures (Average)	Surrounding Structures (Average)	
	GENERAL BUILDING INFORMATION	(ESTIMA)	ED FROM THE TAX MAPS & AS	SESSOR'S INFO)		
1	Gross Floor Area (SF)					- 0
2						
3	Building Height / Street-Width Ratio			MINOR PROJEC	`T	
	Building Height – Zoning (Feet)					
	Building Height – Street Wall / Cornice (Feet)		- Construc	t a Recessed Roof Do	ormer and Deck -	
5	Number of Stories		CONSILOC			
	Building Coverage (% Building on the Lot)					- 7
	PROJECT REVIEW ELEMENT	APPLICAN	NT'S COMMENTS	HDC SUGGESTIONS	APPROPRIATENESS	
	Scale (i.e. height, volume, coverage)				🗆 Appropriate 🗆 Inappropriate	
	Placement (i.e. setbacks, alignment)				🗆 Appropriate 🗆 Inappropriate	
)	Massing (i.e. modules, banding, stepbacks)				🗆 Appropriate 🗆 Inappropriate	_ <
	Architectural Style (i.e. traditional – modern)				🗆 Appropriate 🗆 Inappropriate	
2	Roofs				🗆 Appropriate 🗆 Inappropriate	
;	Style and Slope				Appropriate Inappropriate	
Ļ	Roof Projections (i.e. chimneys, vents, dormers)					
;	Roof Materials					
,					Appropriate Inappropriate	
,	Eaves, Gutters and Downspouts				Appropriate Inappropriate	- í
3	Walls				Appropriate Inappropriate	┛
, ,	Siding / Material				Appropriate Inappropriate	
)	Projections (i.e. bays, balconies)				Appropriate Inappropriate	╡┆
,	Doors and Windows				Appropriate Inappropriate	─┤ ┣
2	Window Openings and Proportions					
	Window Openings and Proportions Window Casing/ Trim				Appropriate Inappropriate	
}	0				Appropriate Inappropriate	
۱	Window Shutters / Hardware				Appropriate Inappropriate	
;	Awnings				🗌 Appropriate 🗆 Inappropriate	_ (
	Doors				🗆 Appropriate 🗆 Inappropriate	_ \
<u> </u>	Porches and Balconies				🗆 Appropriate 🗆 Inappropriate	_
	Projections (i.e. porch, portico, canopy)				🗆 Appropriate 🗆 Inappropriate	- 6
)	Landings/ Steps / Stoop / Railings				🗆 Appropriate 🗆 Inappropriate	
	Lighting (i.e. wall, post)				🗆 Appropriate 🗆 Inappropriate	
	Signs (i.e. projecting, wall)				🗆 Appropriate 🗆 Inappropriate	\square
2	Mechanicals (i.e. HVAC, generators)				🗆 Appropriate 🗆 Inappropriate	
3	Decks				🗆 Appropriate 🗆 Inappropriate	
ļ	Garages/ Barns / Sheds (i.e. doors, placement)				🗆 Appropriate 🗆 Inappropriate	1
;	Fence / Walls (i.e. materials, type)				🗆 Appropriate 🗆 Inappropriate	1
•	Grading (i.e. ground floor height, street edge)				🗆 Appropriate 🗆 Inappropriate	
1	Landscaping (i.e. gardens, planters, street trees)				□ Appropriate □ Inappropriate	
}	Driveways (i.e. location, material, screening)				□ Appropriate □ Inappropriate	
)	Parking (i.e. location, access, visibility)					
)	Accessory Buildings (i.e. sheds, greenhouses)				Appropriate Inappropriate	
	se and Intent:					
	eserve the integrity of the District:		No 4 Main	ntain the special character of the	District.	
	Assessment of the Historical Significance:			plement and enhance the archit		
						tore
_	Conservation and enhancement of property value	s: 🗆 Yes 🗆	6. Prom	iore the education, pleasure and	welfare of the District to the city residents and vis	1015:
	<u>iteria / Findings of Fact:</u>					



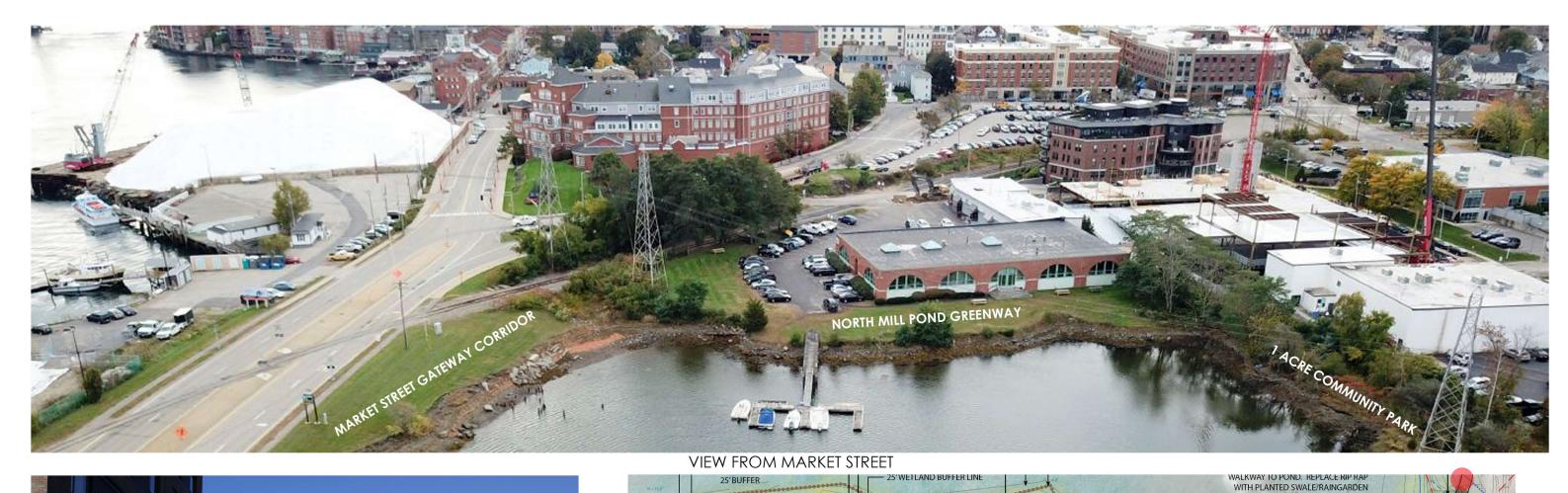
53 GREEN STREET PORTSMOUTH, NEW HAMPSHIRE

AERIAL VIEW OF SITE AND SURROUNDINGS HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021





1.0



25' WEILAND BUFFER LIN 25' BUFFER PASSIVE LAWN / PICNIC AREA **EXISTING ELECTRICAL** TOWERS TO REMAIN, TYP. X EXPOSED CRIBBING WITH INTERPRETIVE HISTORY SIGNAGE RAISED BOARDWALK STRUCTURE TO ALLOW STORMWATER OVERFLOW EXISTING BELOW WALKWAY TO POND SCULPTURE CURB CURB CUT TO ALLOW DRAINAGE PROPERTY LINE CONTINUOUS PLANTED -BUFFER CAPTURE AND PRETREAMENT AREA FROM PLANTED BUFFER / PARKING LOT RUNOFF BIOSWALE/ RAIN GARDEN / WET CONNECTION TO MEADOW FUTURE GREENWAY CONNECTION TO THE SOUTH PATHWAY ALIGNMENT WITH

VIEW TO NORTH MILL POND

53 GREEN STREET

PORTSMOUTH, NEW HAMPSHIRE

NORTH MILL POND GREENWAY

III CATHARTES **EMBARC**

REVIOUSLY DISTRUCTBED COMPACTED RAILLINE LOCATION

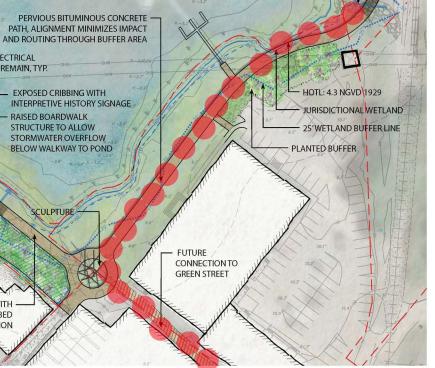
PROPOSED GREENWAY CONNECTON ON SITE

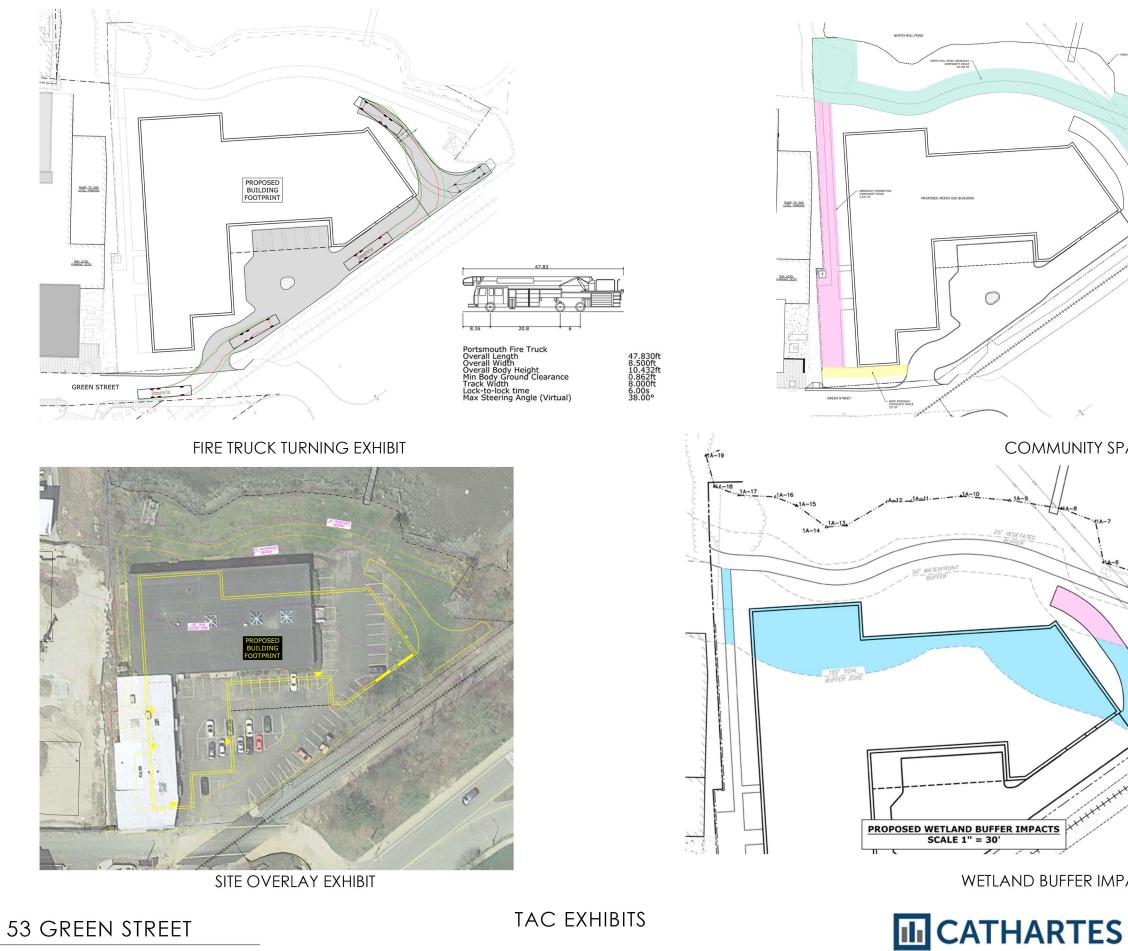
HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021





2.0





PORTSMOUTH, NEW HAMPSHIRE

HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021

EMBARC



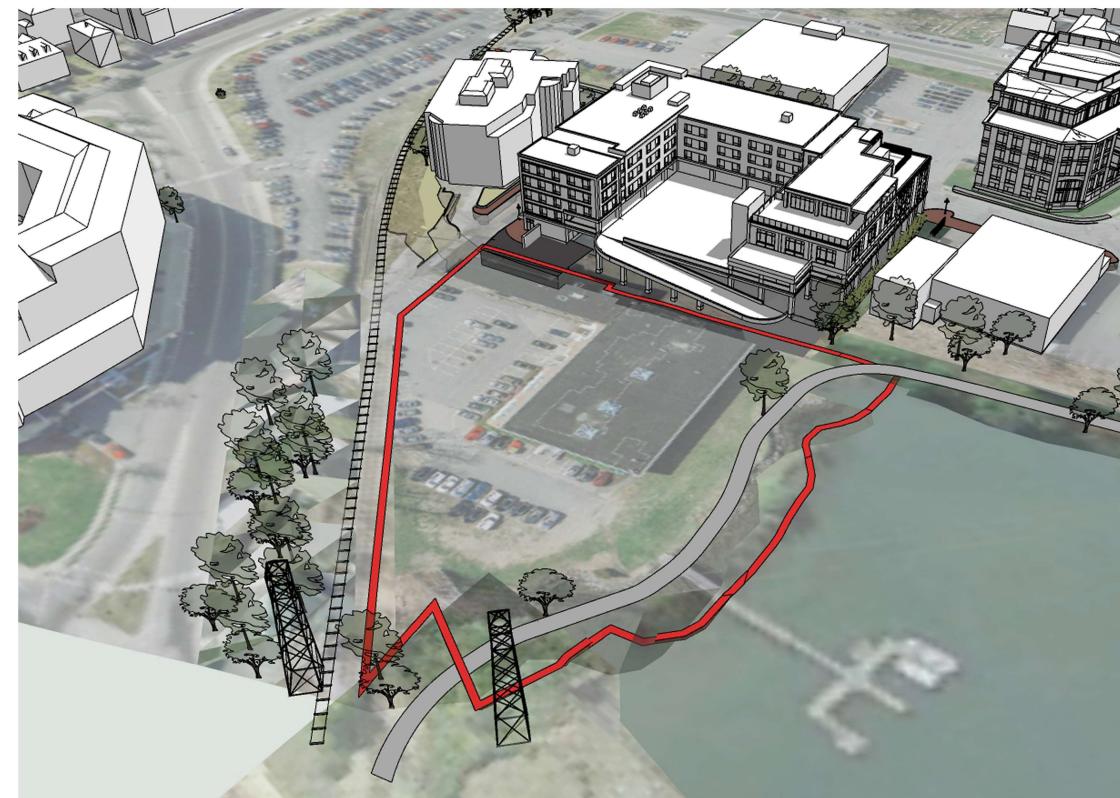
3.0

WETLAND BUFFER IMPACT EXHIBIT

14-6			
	1 ^{1A-1}		
	- ALA-3		
A A A A A A A A A A A A A A A A A A A	MA-2		
	<u>````</u>		
	6		
	\times		
1 11-2-1			
	Buffe	r Impact Area for Pr	
	Wetland Buffer	Buffe	er Impact
	Setback	Existing Condition	Proposed Development
	0 - 25 FT	0 SF	0 SF
TE	25 - 50 FT	745 SF	745 SF
TS	50 - 100 FT	10,836 SF	10,134 SF
	Total Lot Impact	11,581 SF	10,879 SF
- A A A A A A A A A A A A A A A A A A A	Net Buffer Impact	-7	702 SF

COMMUNITY SPACE EXHIBIT

REQUIRED	PROVID
NORTH MILL POND GREENWAY COMMUNITY SPACE	10,720 5
GREENWAY CONNECTION COMMUNITY SPACE	4,047 SF
WIDE SIDEWALK COMMUNITY SPACE	727 SF





PORTSMOUTH, NEW HAMPSHIRE

53 GREEN STREET

HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021

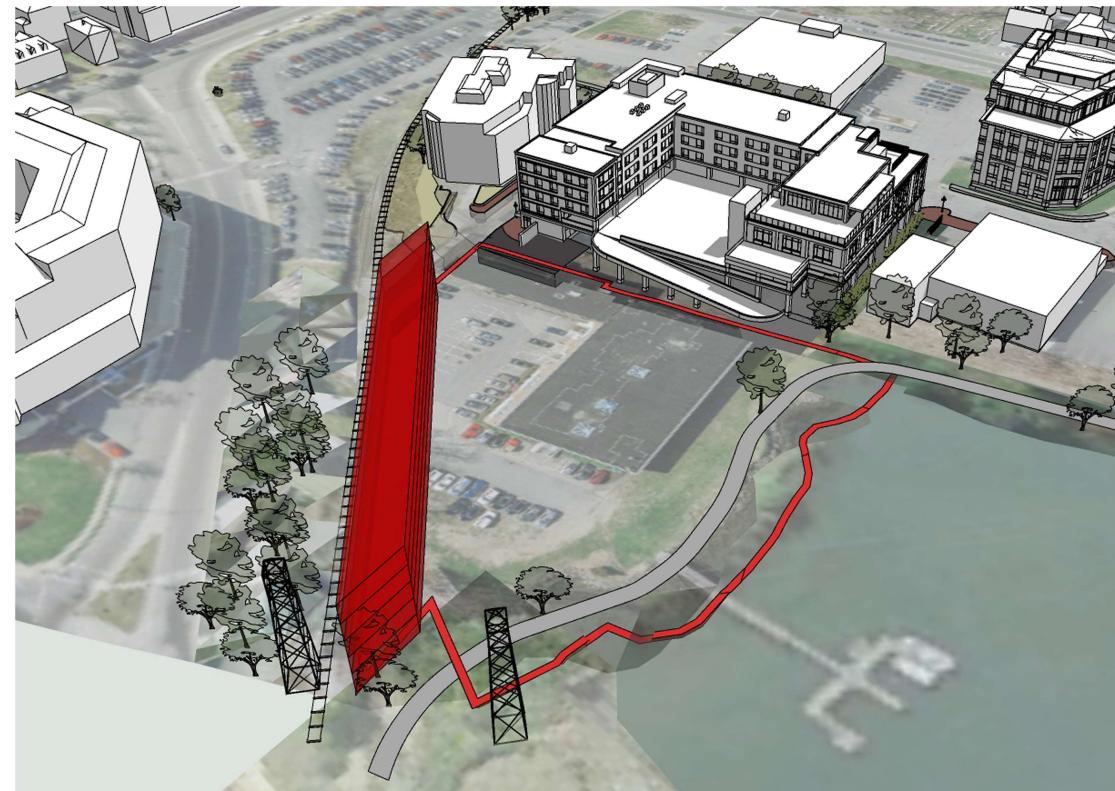














PORTSMOUTH, NEW HAMPSHIRE

53 GREEN STREET

HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021



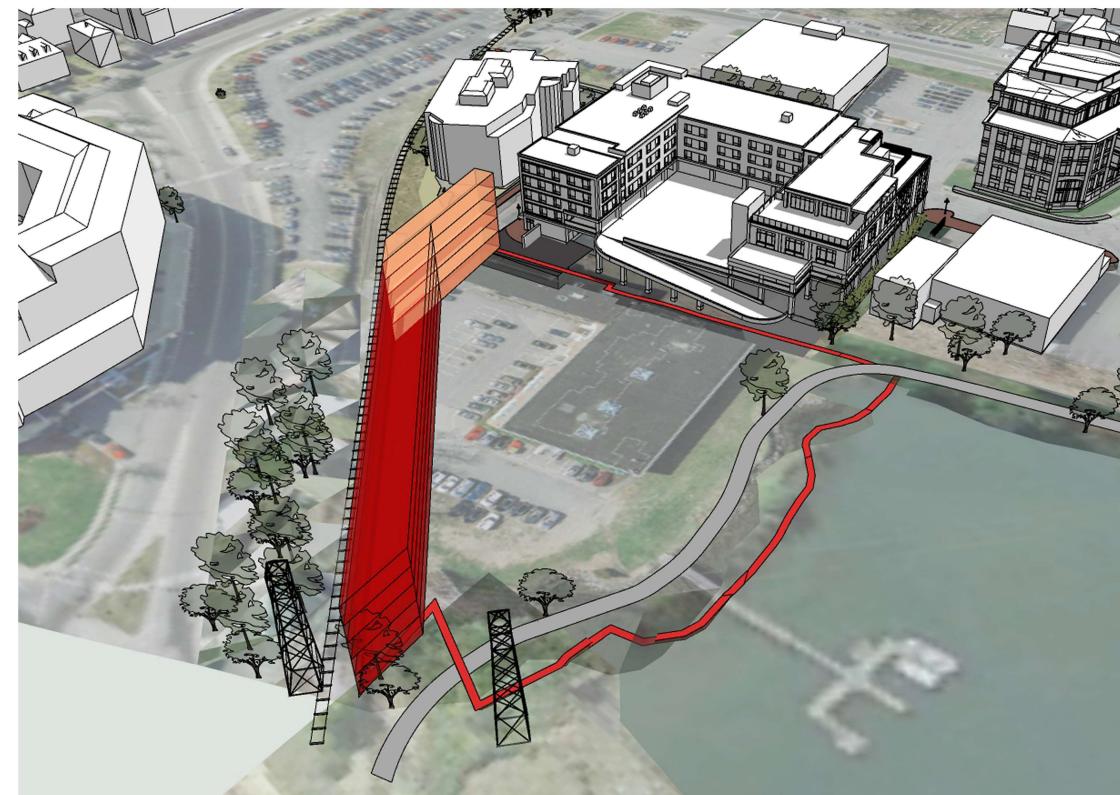
PROPERTY AREA:

72,420 SF

FIRE DEPARTMENT ACCESS AS REQUIRED BY TAC: 14 FEET WIDE









PORTSMOUTH, NEW HAMPSHIRE

53 GREEN STREET

HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021



PROPERTY AREA:

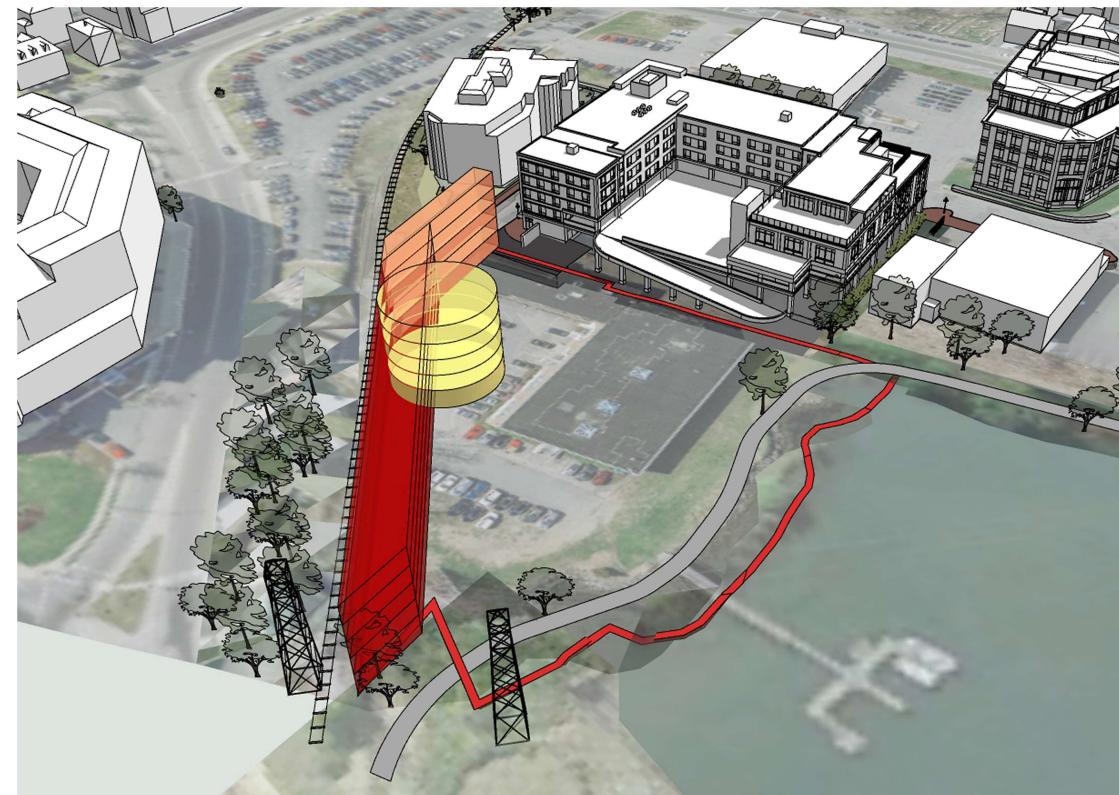
72,420 SF

FIRE DEPARTMENT ACCESS AS REQUIRED BY TAC: 14 FEET WIDE

WIDE CITY SIDEWALK EXTENSION ALONG GREEN STREET INTERFACE: 19 FEET WIDE









PORTSMOUTH, NEW HAMPSHIRE

53 GREEN STREET

HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021



PROPERTY AREA:

72,420 SF

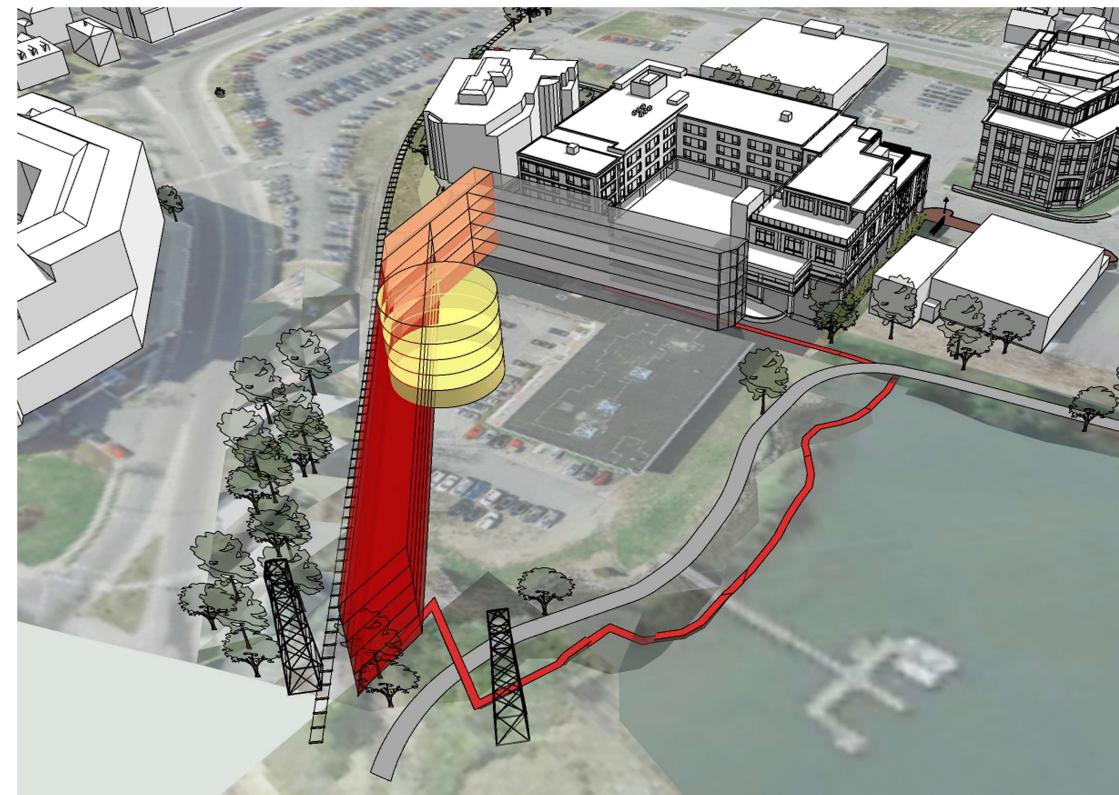
FIRE DEPARTMENT ACCESS AS REQUIRED BY TAC: 14 FEET WIDE

WIDE CITY SIDEWALK EXTENSION ALONG GREEN STREET INTERFACE: 19 FEET WIDE

ONSITE VEHICULAR TURNAROUND & DROPOFF: 70 FEET DIA.









PORTSMOUTH, NEW HAMPSHIRE

53 GREEN STREET

HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021



PROPERTY AREA:

72,420 SF

FIRE DEPARTMENT ACCESS AS REQUIRED BY TAC: 14 FEET WIDE

WIDE CITY SIDEWALK EXTENSION ALONG GREEN STREET INTERFACE: 19 FEET WIDE

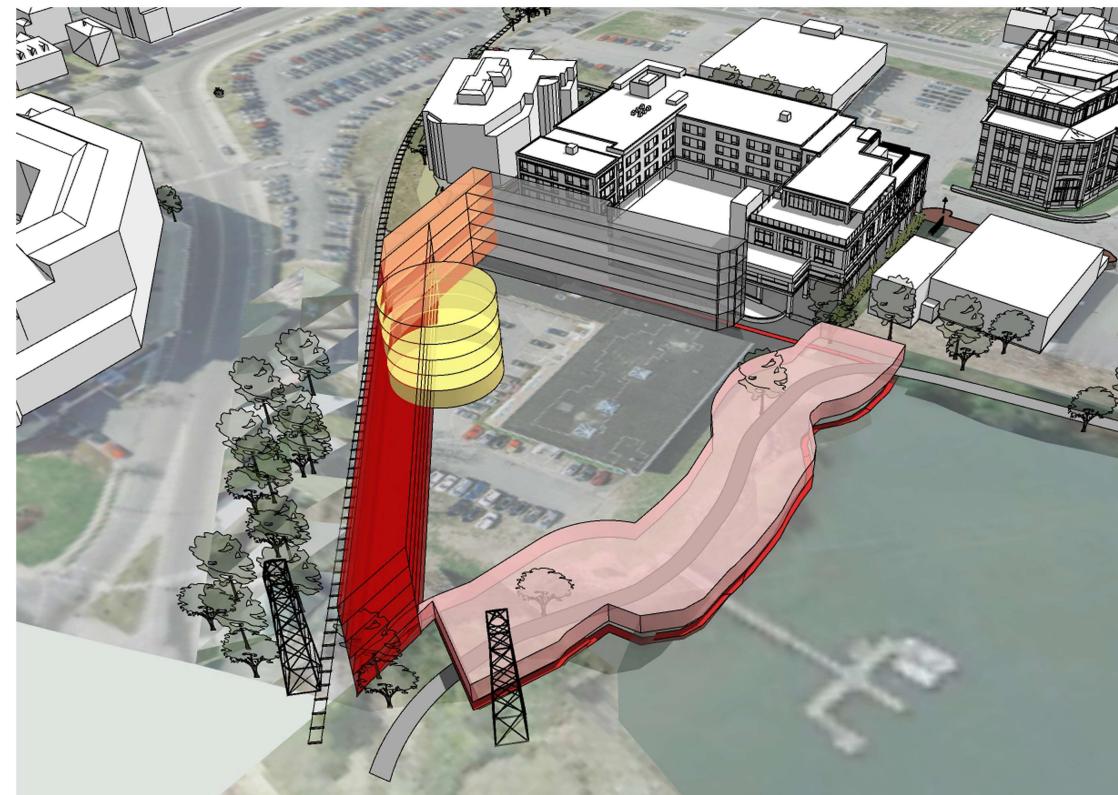
ONSITE VEHICULAR TURNAROUND & DROPOFF: 70 FEET DIA.

SECONDARY LINK FROM GREEN STREET TO 6 FOOT TRAIL PER TRAIL PLAN:

25 TO 32 FEET









PORTSMOUTH, NEW HAMPSHIRE

53 GREEN STREET

HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021



PROPERTY AREA:

72,420 SF

FIRE DEPARTMENT ACCESS AS REQUIRED BY TAC: 14 FEET WIDE

WIDE CITY SIDEWALK EXTENSION ALONG GREEN STREET INTERFACE: 19 FEET WIDE

ONSITE VEHICULAR TURNAROUND & DROPOFF: 70 FEET DIA.

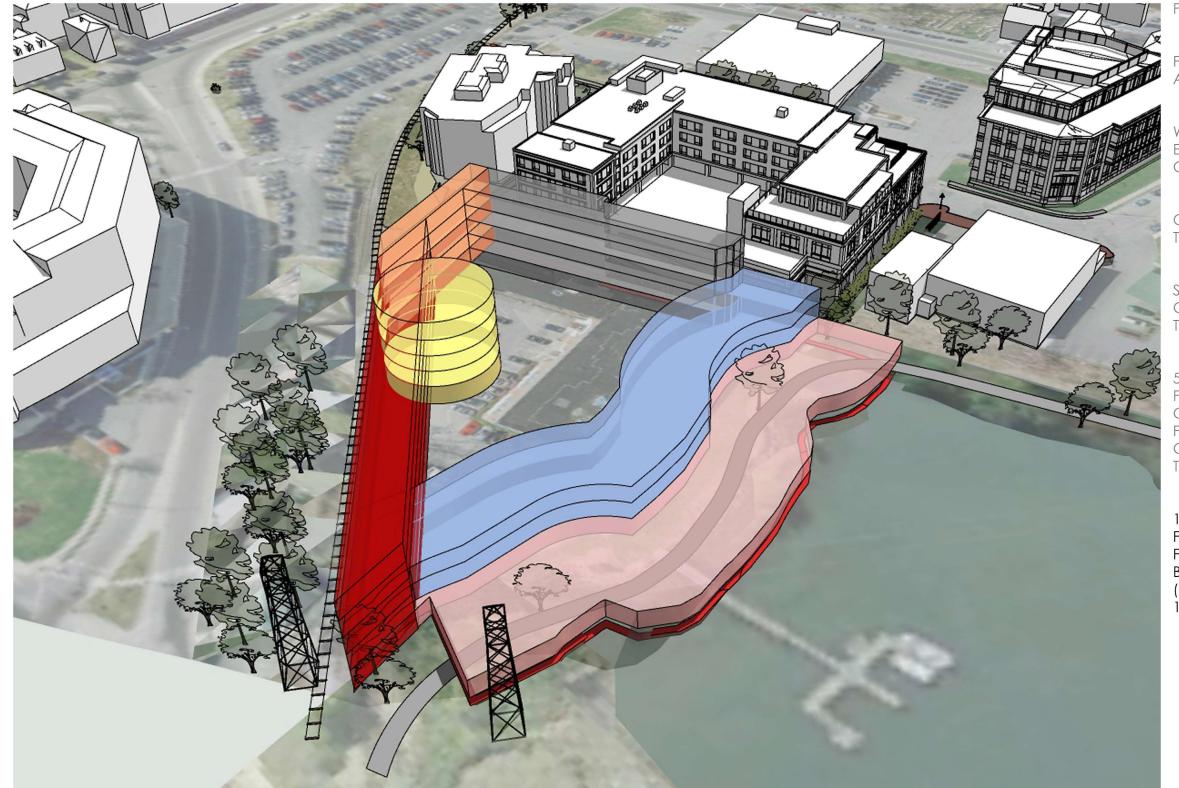
SECONDARY LINK FROM GREEN STREET TO 6 FOOT TRAIL PER TRAIL PLAN:

25 TO 32 FEET

50 FOOT SETBACK PRIMARY NORTH MILL POND GREENWAY CONNECTION FROM MARKET STREET GATEWAY CORRIDOR TO 1 ACRE PARK:

50 FEET WIDE







PORTSMOUTH, NEW HAMPSHIRE

53 GREEN STREET

HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021



4.6

100 FOOT SETBACK FOR HEIGHT LIMIT PER ZONING FOR A LOT WITH MORE THAN ONE BUILDING HEIGHT (2 & 4 STORIES WITH A 1 STORY INCREASE): 100 FEET WIDE

50 FOOT SETBACK PRIMARY NORTH MILL POND GREENWAY CONNECTION FROM MARKET STREET GATEWAY CORRIDOR TO 1 ACRE PARK: 50 FEET WIDE

SECONDARY LINK FROM GREEN STREET TO 6 FOOT TRAIL PER TRAIL PLAN: 25 TO 32 FEET

ONSITE VEHICULAR TURNAROUND & DROPOFF: 70 FEET DIA.

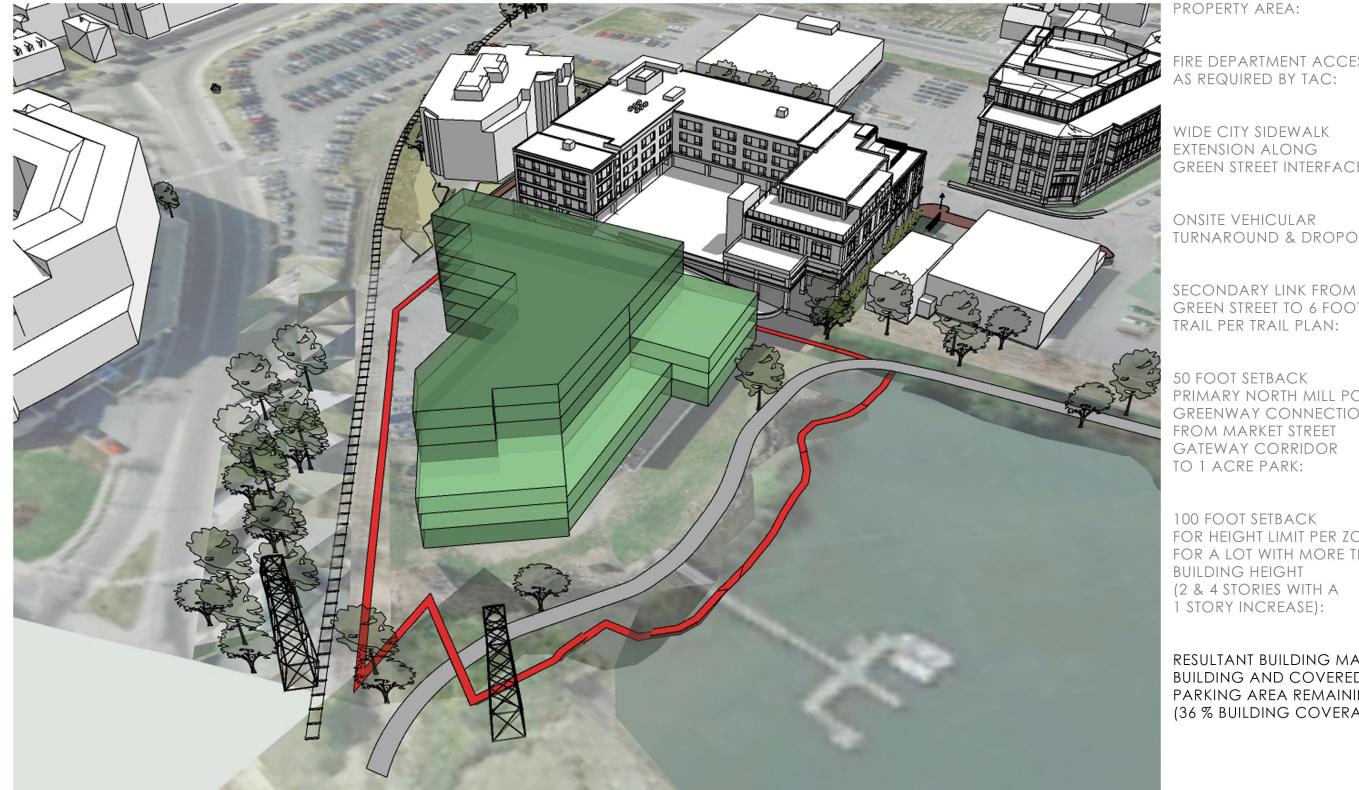
WIDE CITY SIDEWALK EXTENSION ALONG GREEN STREET INTERFACE: 19 FEET WIDE

FIRE DEPARTMENT ACCESS AS REQUIRED BY TAC:

14 FEET WIDE

PROPERTY AREA:

72,420 SF





PORTSMOUTH, NEW HAMPSHIRE

53 GREEN STREET

HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021



4.7

RESULTANT BUILDING MASSING: BUILDING AND COVERED PARKING AREA REMAINING (36 % BUILDING COVERAGE): 27,738 SF

100 FOOT SETBACK FOR HEIGHT LIMIT PER ZONING FOR A LOT WITH MORE THAN ONE BUILDING HEIGHT (2 & 4 STORIES WITH A 1 STORY INCREASE): 100 FEET WIDE

50 FOOT SETBACK PRIMARY NORTH MILL POND GREENWAY CONNECTION FROM MARKET STREET GATEWAY CORRIDOR TO 1 ACRE PARK: 50 FEET WIDE

GREEN STREET TO 6 FOOT TRAIL PER TRAIL PLAN: 25 TO 32 FEET

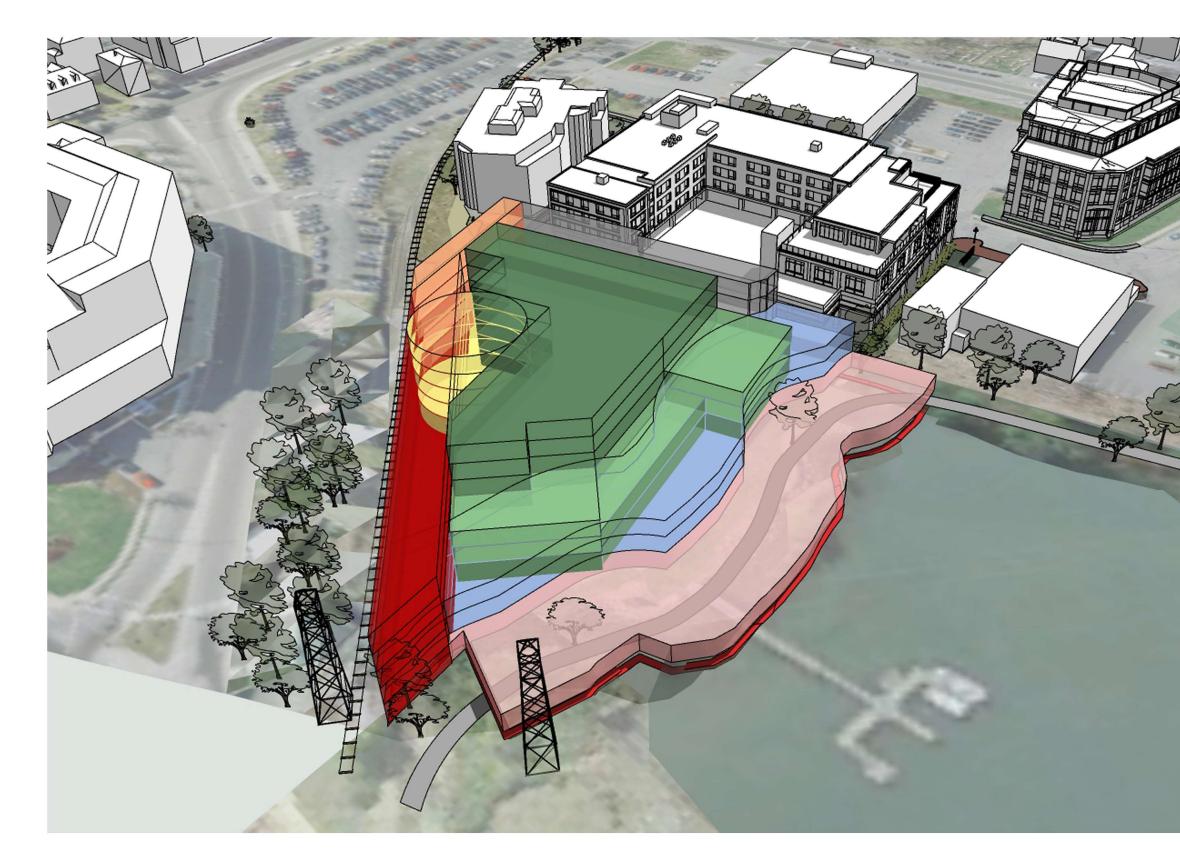
ONSITE VEHICULAR TURNAROUND & DROPOFF: 70 FEET DIA.

WIDE CITY SIDEWALK EXTENSION ALONG GREEN STREET INTERFACE: 19 FEET WIDE



PROPERTY AREA:

72,420 SF





PORTSMOUTH, NEW HAMPSHIRE

53 GREEN STREET

HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021



4.8

COMPILATION OF MASSING AND SITE REQUIREMENTS

RESULTANT BUILDING MASSING: BUILDING AND COVERED PARKING AREA REMAINING (36 % BUILDING COVERAGE): 27,738 SF

100 FOOT SETBACK FOR HEIGHT LIMIT PER ZONING FOR A LOT WITH MORE THAN ONE BUILDING HEIGHT (2 & 4 STORIES WITH A 1 STORY INCREASE): 100 FEET WIDE

50 FOOT SETBACK PRIMARY NORTH MILL POND GREENWAY CONNECTION FROM MARKET STREET GATEWAY CORRIDOR TO 1 ACRE PARK: 50 FEET WIDE

SECONDARY LINK FROM GREEN STREET TO 6 FOOT TRAIL PER TRAIL PLAN: 25 TO 32 FEET

ONSITE VEHICULAR TURNAROUND & DROPOFF: 70 FEET DIA.

WIDE CITY SIDEWALK EXTENSION ALONG GREEN STREET INTERFACE: 19 FEET WIDE



PROPERTY AREA:

72,420 SF









53 GREEN STREET PORTSMOUTH, NEW HAMPSHIRE

SITE AND SURROUNDINGS VIEWS OF PROPERTY AT ENTRANCE



HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021

B.



D.









53 GREEN STREET PORTSMOUTH, NEW HAMPSHIRE

SITE AND SURROUNDINGS VIEWS OF PROPERTY FROM MARKET STREET HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021



Β.





PORTSMOUTH, NEW HAMPSHIRE

GREEN STREET AERIAL VIEW



HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021





PORTSMOUTH, NEW HAMPSHIRE

GREEN STREET STREET LEVEL VIEW



HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021





PORTSMOUTH, NEW HAMPSHIRE

RUSSELL STREET AERIAL VIEW



HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021





PORTSMOUTH, NEW HAMPSHIRE

RUSSELL STREET STREET LEVEL VIEW



HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021





PORTSMOUTH, NEW HAMPSHIRE

MARKET STREET AERIAL VIEW



HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021



6.4



PORTSMOUTH, NEW HAMPSHIRE

MARKET STREET STREET LEVEL VIEW



HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021





PORTSMOUTH, NEW HAMPSHIRE

VIEW FROM PARK ARCHED OPENINGS OPTION HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021







PORTSMOUTH, NEW HAMPSHIRE

VIEW FROM PARK RECTANGULAR OPENINGS OPTION



HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021



6.7



PORTSMOUTH, NEW HAMPSHIRE

VIEW FROM 3S AND PARK CONNECTION



HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021





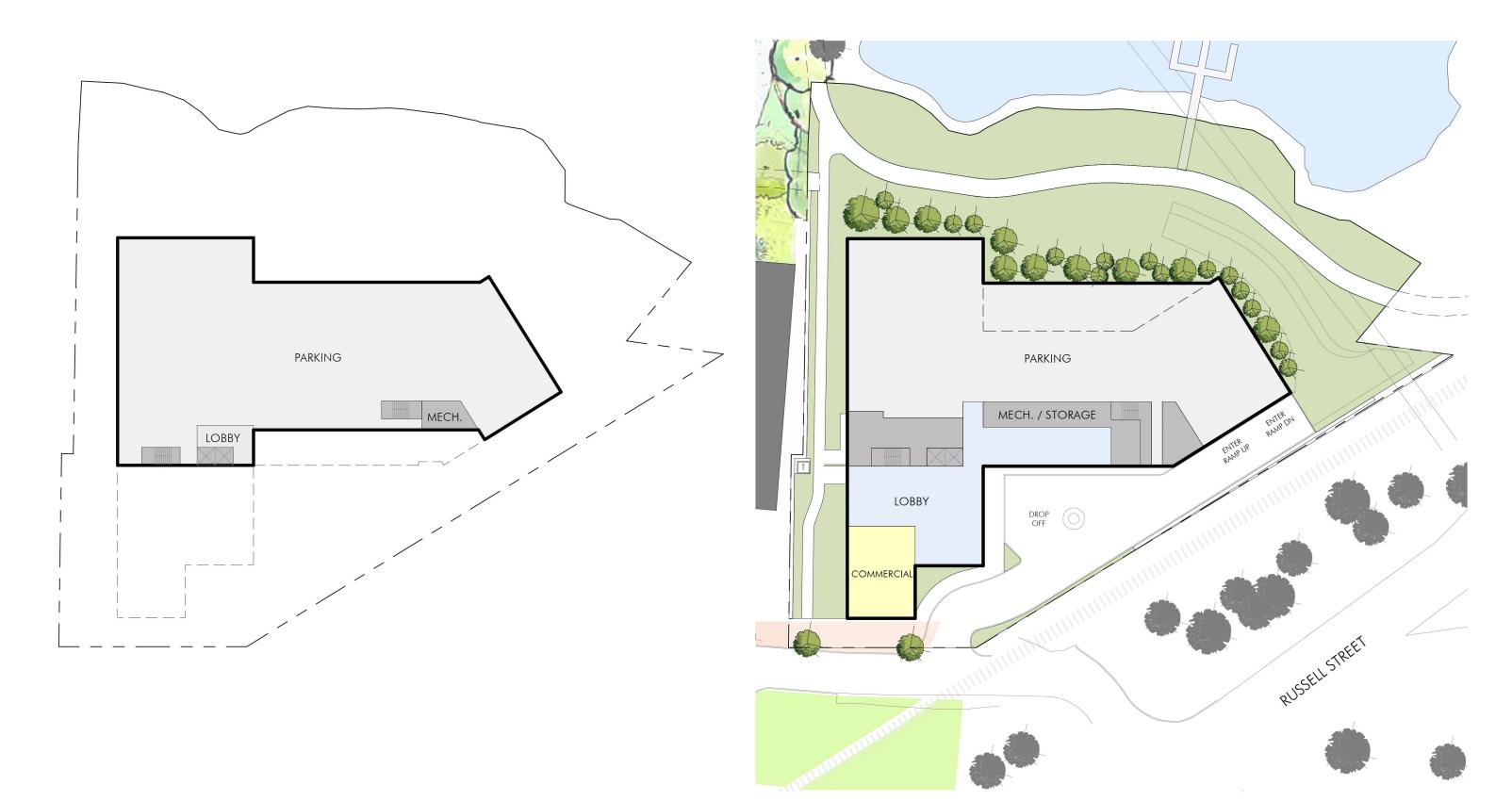
PORTSMOUTH, NEW HAMPSHIRE

VIEW ALONG THE SIDE OF 299 VAUGHAN STREET



HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021





PROPOSED BELOW GRADE PARKING PLAN

PROPOSED FIRST FLOOR PLAN

53 GREEN STREET

PORTSMOUTH, NEW HAMPSHIRE

HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021

PLANS







PROPOSED SECOND & THIRD FLOOR PLANS

53 GREEN STREET

PORTSMOUTH, NEW HAMPSHIRE

HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021

PLANS





7.1

PROPOSED FOURTH & FIFTH FLOOR PLANS



PORTSMOUTH, NEW HAMPSHIRE

LANDSCAPE PLAN HISTORIC DISTRICT COMMISSION WORK SESSION 2: MARCH 3, 2021





CJ ARCHITECTS