Date: 4 February 2015

HISTORIC PRESERVATION
APPLICATION FOR CERTIFICATE OF APPROPRIATENESS

Pursuant to review under the City of Portland's Historic Preservation Ordinance (Chapter 14, Article IX of the Portland City Code), application is hereby made for a Certificate of Appropriateness for the following work on the specified historic property:

PROJECT ADDRESS:

57 Spruce Street

CHART/BLOCK/LOT: _____ (for staff use only)

PROJECT DESCRIPTION: Describe below each major component of your project. Describe how the proposed work will impact existing architectural features and/or building materials. If more space is needed, continue on a separate page. Attach drawings, photographs and/or specifications as necessary to fully illustrate your project—see following page for suggested attachments.

At west side of existing addition at rear of house:
- remove existing yellow vinyl siding.
- install clerestory windows (white awning units) at ceiling height in living room.
- build shed dormer c. 9'-0" wide, with mulled white casement units.
- install wood trim (painted off white) around windows, at corners, fascia, etc.
- side shed with clear eastern white cedar shingles, c. 5" exposure, stained olive green.
- shingle roof with architectural asphalt roofing shingles
- remove existing yellow vinyl siding from remainder of wing, repair and paint existing clapboard siding & trim.
- rebuild existing attached entry vestibule to be more in keeping with character of house. Increase size from current 5' x 5' to 5' x 8', install half-lite two panel pre-hung insulated steel door unit, and double hung windows. Provide trim and clapboards. Detail similar to existing bay unit on east side of house.

The reason for project is to provide much needed winter light into the interior of the house. The 'shed' addition, which contains the living room and bedroom, is on north end of building, and suffers from being shaded by the remainder of the house and neighboring buildings throughout the shoulder and winter seasons. The clerestory windows will allow light to penetrate deeply into the tall room and reflect off of the ceiling, while providing a glimpse of sky. Windows at standard viewing height would be shadowed by abutting house, eliminate wall space, and provide view to parked cars. The dormer will provide small reading space with direct winter afternoon sun.

The concept behind the design is that the front section of the main house is the most formal, with prominent Italianate trim (curved brackets, window hoods, built up corner boards, etc.), while the rear wing remains less formal, with simpler window trim, no bracketing, etc. The shed, an early workspace addition which rests on posts beyond the foundation of the rear wing, will be demarked by shingle siding as having the least formal exterior character. The use of clerestory windows echos their use in boatbuilding and similar type work structures, and the use of awning and casement windows clearly present this part of the building as an addition.

The rebuilding of the existing entry vestibule was not included as part of the original submission package, but was added at the request of Historic Preservation Staff. We have been working iteratively with staff since December and have modified the design to reflect their input.

CONTACT INFORMATION:

APPLICANT

Name: James & Charlotte Gauthier

Address: 57 Spruce Street
Portland

Zip Code: 04102

Work #:

Cell #: 207.232.1955

Fax #:

Home: 207.828.5337

E-mail: jgauthier@canal5studio.com
cmaloney@gwi.net

PROPERTY OWNER

Name: same

Address:

Zip Code:

Work #:

Cell #:

Fax #:

Home:

E-mail:

BILLING ADDRESS

Name: same

Address:

Zip:

Work #:

Cell #:

Fax #:

Home:

E-mail:

ARCHITECT

Name: same

Address:

Zip:

Work #:

Cell #:

Fax #:

Home:

E-mail:

CONTRACTOR

Name: same

Address:

Zip Code:

Work #:

Cell #:

Fax #:

Home:

E-mail:

Applicant's Signature

Owner's Signature (if different)

Activities Requiring Approval in Historic Districts

If your property is located within a historic district or is an individually designated historic structure, it is necessary to receive approval before proceeding with any exterior alteration, construction activity or site improvement that will be visible from a public way. Following is a list of activities requiring review. **Please check all those activities that apply to your proposed project.**

Alterations and Repair

new windows where none currently exist.

- [X] Window and door replacement, including storms/screens
- [ ] Removal and/or replacement of architectural detailing (for example porch spindles and columns, railings, window moldings, and cornices)
- [ ] Porch replacement or construction of new porches
- [X] Installation or replacement of siding
- [ ] Masonry work, including repointing, sandblasting, chemical cleaning, painting where the masonry has never been painted, or conversely, removal of paint where the masonry historically has been painted
- [ ] Installation or replacement of either roofing or gutters when they are a significant and integral feature of the structure
- [ ] Alteration of accessory structures such as garages

Additions and New Construction

- [ ] New Construction
- [X] Building additions, including rooftop additions, dormers or decks
- [ ] Construction of accessory structures
- [ ] Installation of exterior access stairs or fire escapes
- [ ] Installation of antennas and satellite receiving dishes
- [ ] Installation of solar collectors
- [ ] Rooftop mechanicals

Signage and Exterior Utilities

- [ ] Installation or alteration of any exterior sign, awning, or related lighting
- [ ] Exterior lighting where proposed in conjunction with commercial and institutional signage or awnings
- [ ] Exterior utilities, including mechanical, plumbing, and electrical, where placed on or near clearly visible facades

Site Alterations

- [ ] Installation or modification of site features other than vegetation, including fencing, retaining walls, driveways, paving, and re-grading

Moving and Demolition

- [ ] Moving of structures or objects on the same site or to another site
- [ ] Any demolition or relocation of a landmark contributing and/or contributing structure within a district

Note: Your project may also require a building permit. Please call Building Inspections (874-8703) to make this determination.

ATTACHMENTS

To supplement your application, please submit the following items, *as applicable to your project.*
Keep in mind that the information you provide the Historic Preservation Board and staff is the only description they will have of your project or design. Therefore, it should precisely illustrate the proposed alteration(s).

X Exterior photographs (required for all applications.) Include general streetscape view, view of entire building & close-ups of affected area.

X Sketches or elevation drawings at a minimum 1/4" scale. Please label relevant dimensions. All plans shall be submitted in 11" x 17" format except for major projects, where 22" x 34" plans are requested. Applicants for major projects should submit one (1) 11" x 17" copy for scanning purposes.

_____ Details or sections, where applicable.

_____ Floor plans, where applicable.

X Site plan showing relative location of adjoining structures.

X Catalog cuts or product information (e.g. proposed windows, doors, lighting fixtures)

X Materials - list all visible exterior materials. Samples are helpful.

X Other(explain) historic photos of 57 Spruce st.

_____

_____

If you have any questions or need assistance in completing this form, please contact Historic Preservation staff: Deb Andrews (874-8726) or by e-mail at dga@portlandmaine.gov

Please return this form, application fee (see attached fee schedule), and related materials to:

Historic Preservation Program
Department of Planning and Urban Development
Portland City Hall, 4th Floor
389 Congress Street
Portland, ME 04101

PROPOSED MATERIALS LIST, 57 SPRUCE ST. 12.08.2014

WINDOWS:

Marvin Integrity Ultrex units, white:

Awning units at clerestory: 5 each approximate glass dimensions 2' 0" x 2' 0"

Casement units at dormer: 1 mulled unit of 4 sash, approximate glass dimensions 2' 0" x 3' 0"

Double Hung units at entry: 2 each, approximate glass dimensions 2'0" x 2'0"

SHINGLES:

Native eastern white cedar shingles, 16", Clear Grade (no knots or imperfections on exposed face). Applied at approximately 5" exposure (exposure varied to align with breaks in siding).

TRIM:

Eastern white pine. No. 2 Grade. factory primed and finished with 2 coats paint.

CLAPBOARDS:

Clear vertical grain western red cedar, factory primed. Employed as necessary to replace any severely damaged existing clapboards.

ROOFING:

Architectural asphalt roofing shingles. Color to be determined.

PAINT:

Benjamin Moore Low Lustre
Siding: "Tate Olive"
Trim: "Cloud White"

Note: Existing exterior paint contains lead. Owner is Certified Lead Renovator.

Standards for Review of Alterations to Historic Buildings

In considering an application for a Certificate of Appropriateness involving alterations, the Historic Preservation Board and Staff the following review standards, as provided in the City's historic preservation ordinance:

(1) Every reasonable effort shall be made to provide a compatible use for the property which requires minimal alteration to the character-defining features of the structure, object or site and its environment or to use a property for its originally intended purpose.

(2) The distinguishing original qualities or character of a structure, object or site and its environment shall not be destroyed. The removal or alteration of any historic material or distinctive architectural features should be avoided when possible.

(3) All sites, structures and objects shall be recognized as products of their own time, place and use. Alterations that have no historical basis or create a false sense of historical development such as adding conjectural features or elements from other properties shall be discouraged.

(4) Changes which may have taken place in the course of time are evidence of the history and development of a structure, object or site and its environment. Changes that have acquired significance in their own right, shall not be destroyed.

(5) Distinctive features, finishes, and construction techniques or examples of skilled craftsmanship which characterize a structure, object or site shall be treated with sensitivity.

(6) Deteriorated historic features shall be repaired rather than replaced wherever feasible. Where the severity of deterioration requires replacement of a distinctive feature, the new feature should match the feature being replaced in composition, design, texture and other visual qualities and, where possible, materials. Repair or replacement of missing historic features should be based on accurate duplications of features, substantiated by documentary, physical or pictorial evidence rather than on conjectural designs or the availability of different architectural elements from other structures or objects.

(7) The surface cleaning of structures and objects, if appropriate, shall be undertaken with the gentlest means possible. Chemical or physical treatments, such as sandblasting, that cause damage to historic materials shall not be undertaken.

(8) Every reasonable effort shall be made to protect and preserve significant archeological resources affected by or adjacent to any project. If resources must be disturbed, mitigation measures shall be undertaken.

(9) Contemporary design for alterations and additions to existing properties shall not be discouraged when such alterations and additions do not destroy significant cultural, historical, architectural or archeological materials that characterize the property. The new work shall be differentiated from the old and shall be compatible with the size, scale, color, material and character of the property, neighborhood or environment.

(10) Wherever possible, new additions or alterations to structures and objects shall be undertaken in such a manner that, if such additions or alterations were to be removed in the future, the essential form and integrity of the historic property would be unimpaired.

Current Owner Information:

CBL	056 D021001
Land Use Type	FOUR FAMILY
Property Location	57 SPRUCE ST
Owner Information	GAUTHIER JAMES P & CHARLOTTE M MALONEY JTS 57 SPRUCE ST PORTLAND ME 04102
Book and Page	23338/317
Legal Description	56-D-21 SPRUCE ST 57 5200 SF
Acres	0.1194

Current Assessed Valuation:

TAX ACCT NO.	8870
LAND VALUE	$152,200.00
BUILDING VALUE	$197,900.00
NET TAXABLE - REAL ESTATE	$350,100.00
TAX AMOUNT	$7,002.00

OWNER OF RECORD AS OF APRIL 2014
GAUTHIER JAMES P &
CHARLOTTE M MALONEY JTS
57 SPRUCE ST
PORTLAND ME 04102

Any information concerning tax payments should be directed to the Treasury office at 874-8490 or e-mailed.

Building Information:

Building 1	
Year Built	1884
Style/Structure Type	OLD STYLE
# Stories	2
# Units	4
Bedrooms	6
Full Baths	4
Total Rooms	15
Attic	FULL FINSH
Basement	FULL
Square Feet	3317

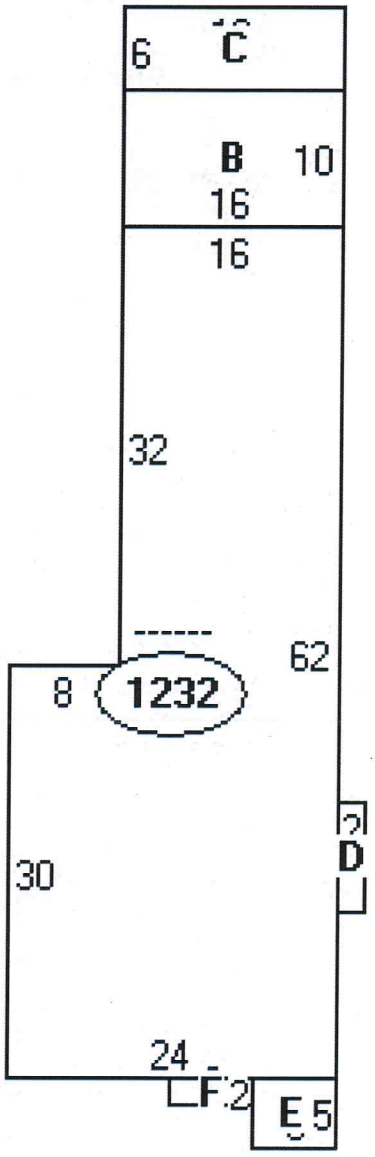
View Sketch View Map View Picture

Sales Information:

Sale Date	Type	Price	Book/Page
11/1/2005	LAND + BUILDING	$415,100.00	23338/317
8/25/1988	LAND + BUILDING	$0.00	8445/181


CONDO
056 A018
25
2852
CONDO
2 - 8
1 - 7
3660
16
056 D026
5190
18
056 D024
056 D033
43
056 D032
37
5304
22
056 D022
39
2628
056 D020
056 D025
056 D031
3990
26
2880
30
056 D008
056 D030
4613
056 D007
5204
47
32
056 D023
4748
36
2628
28
056 D019
056 D021
51
056 G04
056 D006
056 D040
53
4846
056 D005
4593
63
59
057 SPRUCE ST.
056 D017
5200
056 D018
5211
056 D015
65
2978
2678
50
056 G025
3365
52
67
056 D016
3510
056 G023
73
056 D014
2596
2745
56
056 G021
2791
3235
58
056 G043
056 D013
5144
056 G018
64
3456
77
056 G016
056 G020
056 G022
4195
1917
66
5446
056 G019
056 G047
056 G015
66 SPRUCE STREET CONDO
271
3925
056 G017
056 G011
056 G014
273
2504
3925
277
4539
056 G009
3340
80
30 - 92
29 - 93
SPRUCE ST

PLOT MAP



Descriptor/Area

A: ------
1232 sqft

B: 2Fr
160 sqft

C: OFP
96 sqft

D: FBAY/B
16 sqft

E: WD
30 sqft

F: 2FBAY
12 sqft

BUILDING FOOTPRINT


PROPOSED
WORK
LOCATION
NORTH
Spruce St
57 SPRUCE ST.
Spruce St

AEREAL VIEW

FRONT/SOUTH

RIGHT/EAST

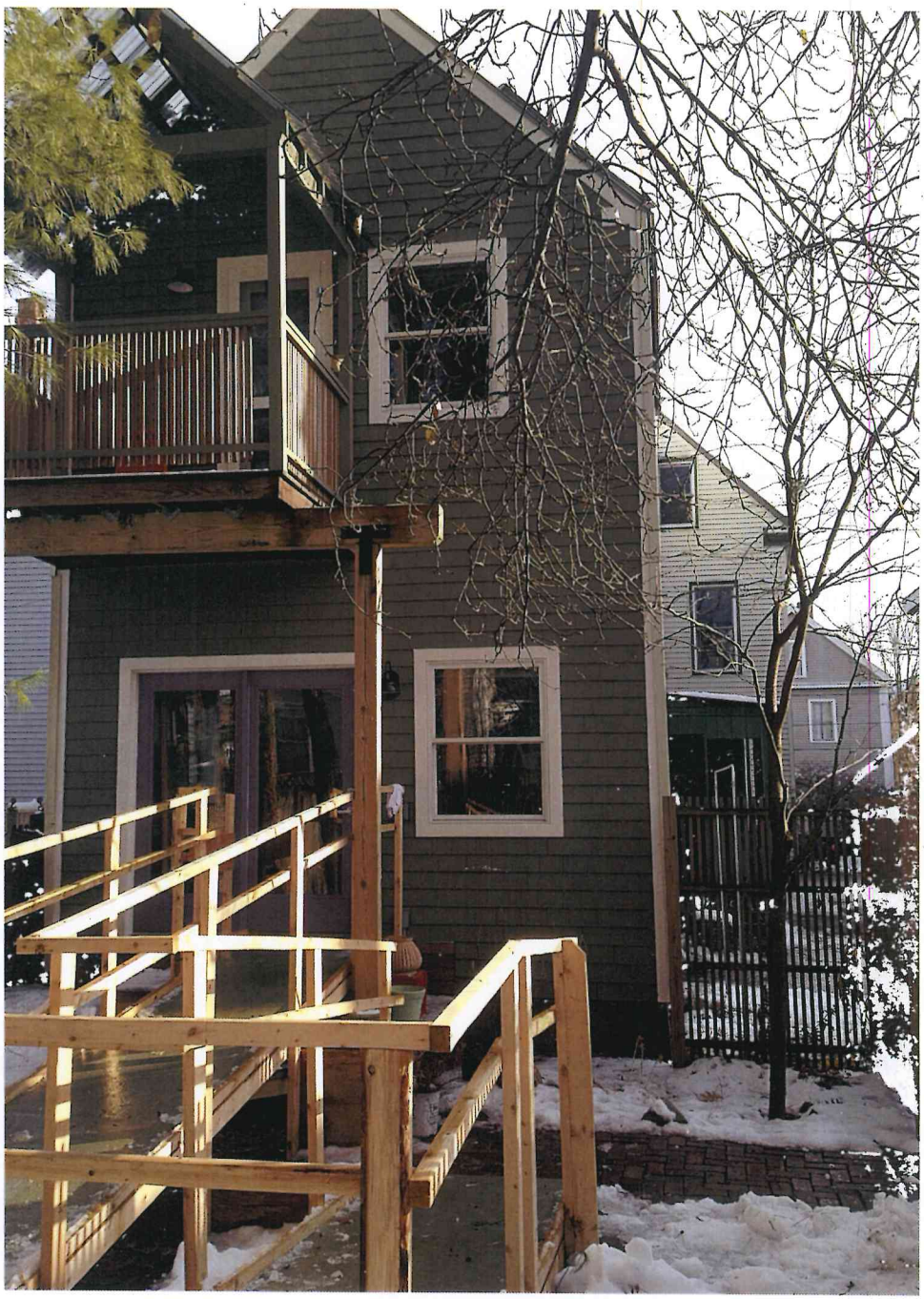
57 SPRUCE ST

LEFT/WEST

LEFT/WEST

57 SPRUCE ST.

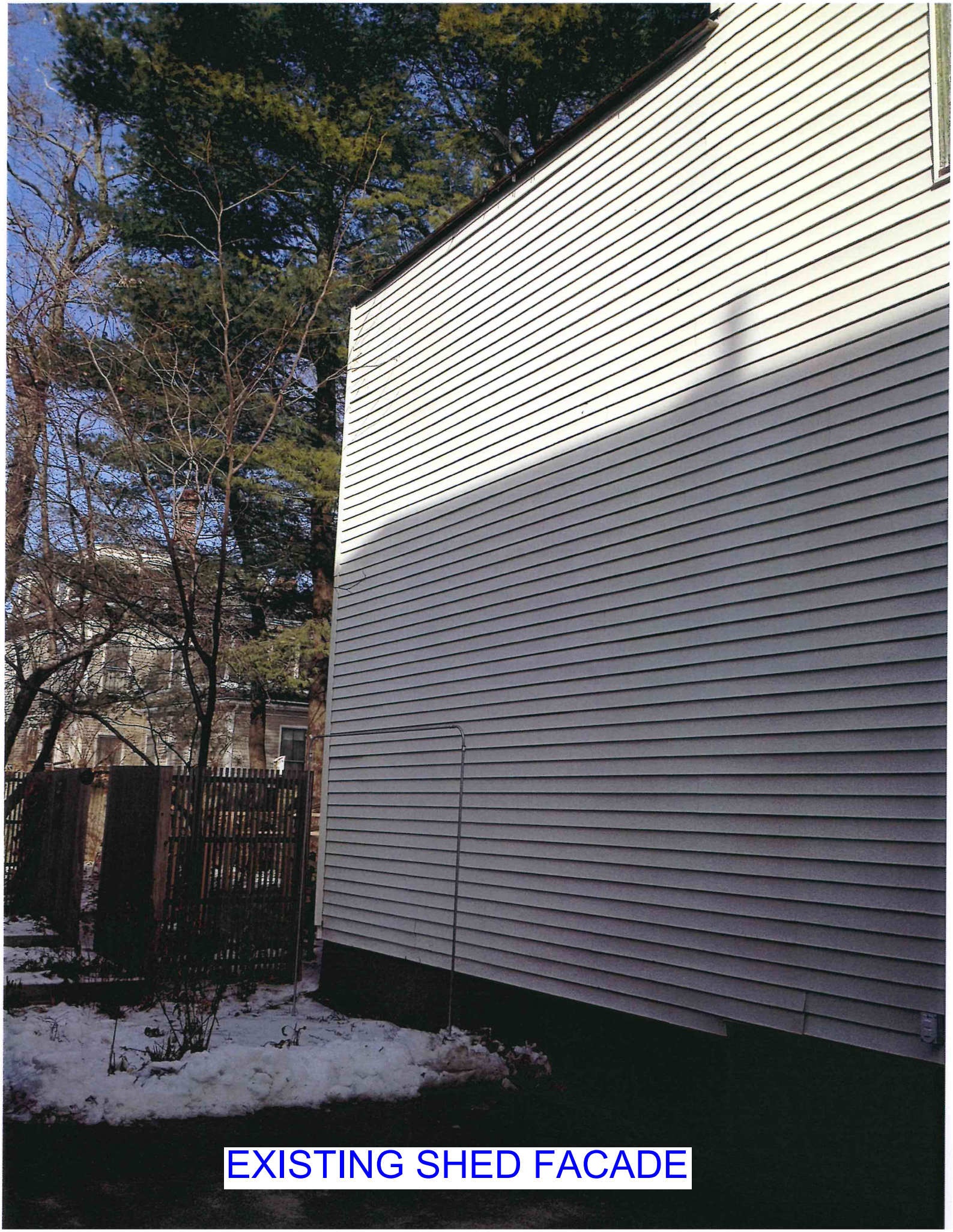
LEFT/WEST



REAR/NORTH

81 SPRUCE ST


EXISTING SHED FACADE

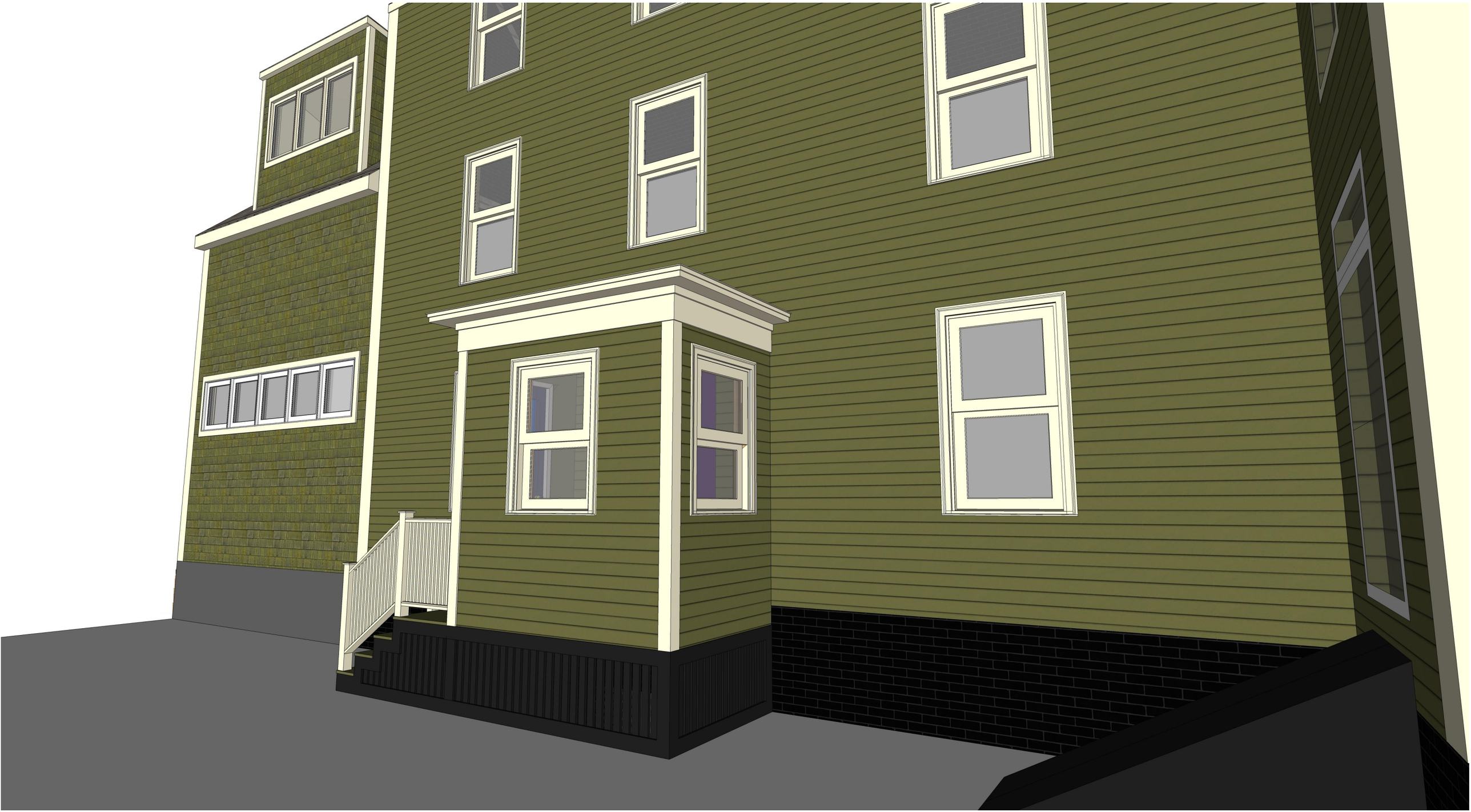

EXISTING SHED FACADE

PROPOSED WEST FACADE

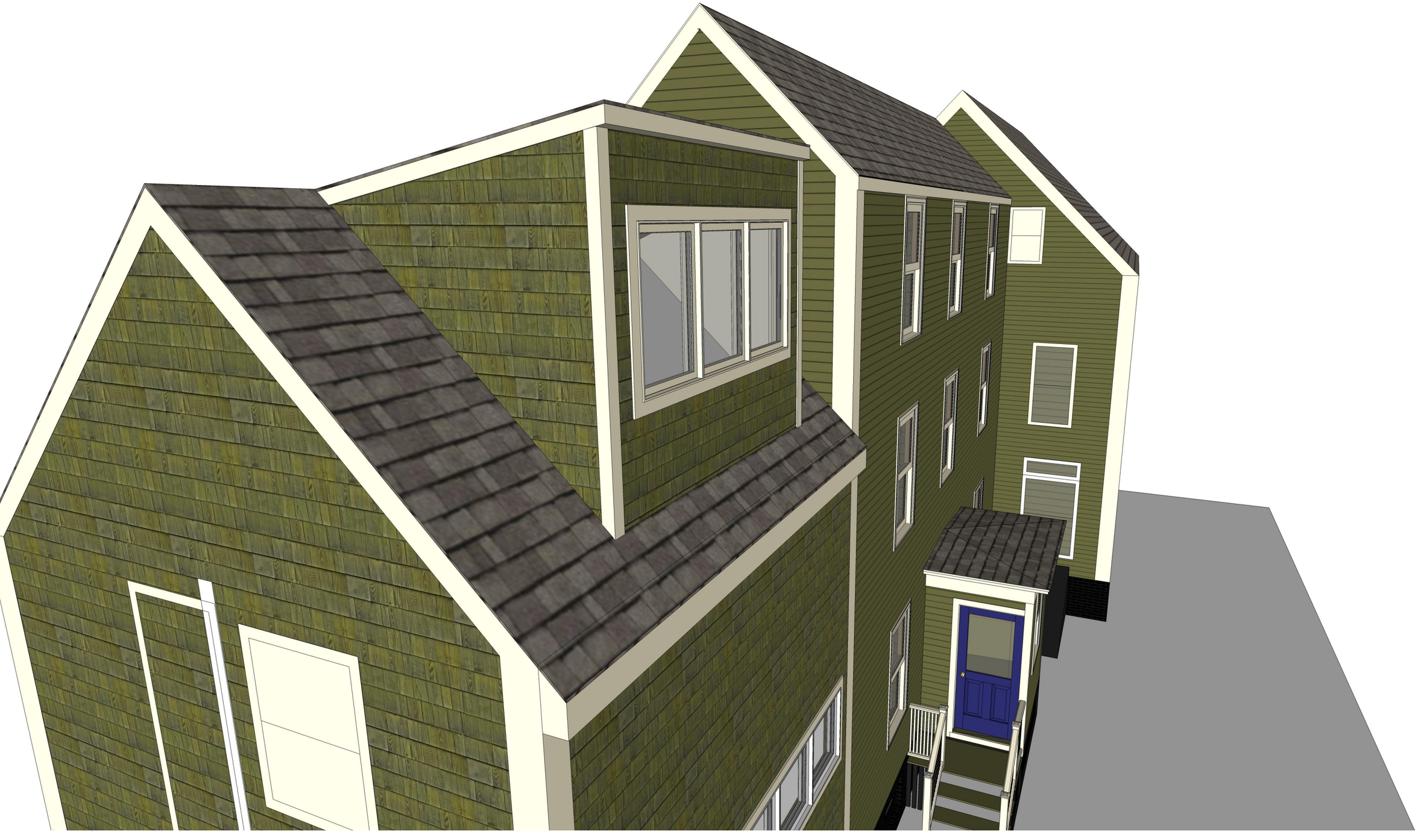
PROPOSED WEST FACADE ANNOTATED

PROPOSED WEST VIEW

PROPOSED ENTRY NORTHWEST VIEW



PROPOSED ENTRY SOUTHWEST VIEW



PROPOSED DORMER NORTH VIEW

PROPOSED DRIVEWAY VIEW

EXISTING HOUSE
59 SPRUCE ST

STREET VIEW

BAY ON EAST FACADE

19 . 30 3179

Surveyed by **A. C. MacGEE**

MAY 24 1924

(Remarks on other Side)

57 SPRUCE

ALL ULTREX CASEMENT/AWNING

UNIT FEATURES

FRAME AND SASH:

The frame and sash exteriors are made of Ultrex®, an advanced fiber reinforced material that is resistant to thermal conductance. Ultrex patented coating system meets all the requirements of AAMA 624-10. Exterior colors: Stone White, Pebble Gray, Bronze, Evergreen, Cashmere, or Ebony. The interior coating meets all the requirements of 00022716 in Stone White.

FRAME:

Composite frame thickness is 1 1/2″ (38). Total frame depth is 3 3/32″ (79). Ultrex is 0.070″ – 0.077″ (2) thick.

SASH:

Composite sash thickness is 15/16″ (24). Ultrex is 0.070″ – 0.077″ (2) thick. Sashes can be replaced but not reglazed.

JAMB EXTENSION:

Standard jamb depth is 2″ (51). 4 9/16″ (116) and 6 9/16″ (167) maintenance free jamb extension available.

HARDWARE (CASEMENT):

Standard Casement hardware includes top and bottom hinges. The hinge track is stainless steel with an injected molded hinge shoe. The hinge arm is coated with E-Gard. A snubber on the jamb and stile, certain heights have 0, 1 or 2 sets, interlock the sash to the frame on the hinge side. The locking hardware consists of a multi-point locking mechanism that is actuated from a single point of operation. The roto operator is Zinc die cast with an E-Gard coating. The hardware finish options are: Stone White, Almond Frost, Brass, Satin Nickel and Oil Rubbed Bronze. Optional factory applied Window Opening Control Device is available (min size: 18 9/16″ (471) x 23 1/2″ (597) – max size 35 1/2″ (902) x 71 1/2″ (1816). This device works in accordance to ASTM 2090-10 standard specification for window fall prevention devices with emergency escape. Available in almond frost and white finishes. Optional coastal hardware is available.

HARDWARE (AWNING):

Standard Awning hardware includes left and right hinges. The hinge track is stainless steel with an injected molded hinge shoe. The hinge arm is coated with E-Gard. A single point lock on each jamb/stile, and a roto operator. The hardware finish options are: Stone White, Almond Frost, Brass, Satin Nickel, and Oil Rubbed Bronze. Optional coastal hardware is available.

INSTALLATION:

Factory applied folding nailing fin. Optional installation brackets for masonry applications are available. Factory supplied field mull kits are available for standard assemblies.

GLAZING:

All units are manufactured with a 11/16″ (17) IG with Low E2, E3 or E1 coatings including argon gas fill. Tempered glass and/or obscure glass are available as an option. All glass is of a select quality complying with ASTM C 1036. Insulating glass is manufactured and tested to pass level ASTM E 2190 and is IGCC certified. The glazing seal is a silicone bedding on both interior and exterior surfaces utilized in a sandwich style sash. STC/OITC values are available for 3.1/3.1 standard glass. Optional 3.1/4.7 STC/OITC Upgrade glass is available. STC and OITC ratings are tested in accordance with ASTM E 90-09. See the Product Performance chapter for values.

WEATHER STRIP:

The primary weather strip is a black extruded PVC foam filled bulb that attaches to all four sides of the frame. The secondary weather-strip is a black extruded PVC hollow that is attached to the sash.

INSECT SCREEN:

Charcoal color fiberglass screen cloth. Rolled form aluminum frame finish is Stone White. Features a bottom rail lift and top rail mounted springs that allow it to be removed from the interior of the unit.

GRILLES-BETWEEN-THE-GLASS:

11/16″ (17mm) contoured aluminum bar placed between two panes of glass. Patterns: Standard rectangular pattern or optional 9 lite Prairie cut. Exterior color will match exterior of sash color. The interior finish is always Stone White. GBGs are not available on Impact units.

ACCESSORIES:

Field applied j-channel, a 1″ (25) or a 3″(76) frame expander, or flush fin installation kit. Factory applied: sheet rock return for 1/2″ (13) or 5/8″ (16) drywall, a 3/4″ (19) receiver, a frame filler or a flush fin. General: mull kits are available for field assembly. Kits include instructions, mull covers, mull plugs and brackets.

EXTERIOR CASING:

Non-integral to the unit. Fastened to the exterior wall with barb and kerf 2″ (51) brick mould as a full surround or with sill nosing. 3 1/2″ (89) flat casing available as full surround or with sill nosing. Also available with 1″ (25) ranch style sill and header overhang.

NOTE: NFRC Values are now located on www.integritywindows.com

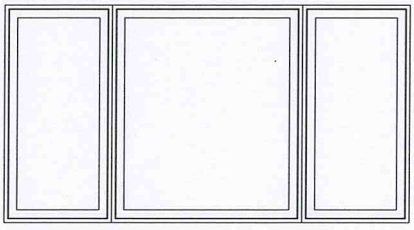
ALL ULTREX CASEMENT/AWNING

SIZING GUIDELINES AND MEASUREMENT CONVERSIONS

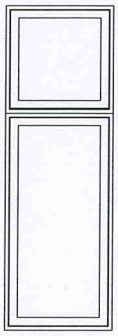
MULTIPLE ASSEMBLIES – Factory Mull Configuration.
Mulls and Reinforced Mulls available.
Field mull kits are available. Mulling beyond limitations is not recommended.
MAXIMUM ROUGH OPENING ASSEMBLY UP TO 6W1H: 114″ (2896) X 78″ (1981)
MAXIMUM ROUGH OPENING ASSEMBLY UP TO 5W5H : 96″ (2438) X 96″ (2438)
Packaged Terminal Air Conditioner (PTAC) Mulling – Factory mulled below an Integrity Swinging Picture unit.
Mull options can not affect unit or RO size. Height of PTAC window frame will accommodate all PTAC sizes.
Standard PTAC height is 19 1/4″ (489); standard PTAC width will match the upper unit width.
MAXIMUM ROUGH OPENING ASSEMBLY UP TO 1W2H: 72″ (1829) X 96″ (2438)

CALCULATING TOTAL ROUGH OPENING FOR ASSEMBLIES

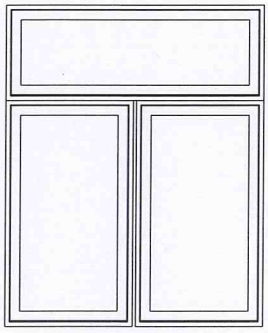
WIDTH: ADD Frame Widths + 1/2″ (13) per mull + 1/2″ (13).
Tolerance = 1/4″ (6) from frame to Rough Opening at left and right jamb.
HEIGHT: ADD Frame Heights + 1/2″ (13) per mull + 1/2″ (13).
Tolerance = 1/2″ (13) from Frame to Rough Opening at head jamb.



2 vertical mulls



1 horizontal mull



1 vertical mull
1 horizontal mull

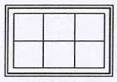
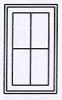
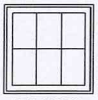
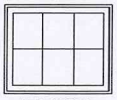
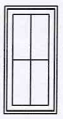
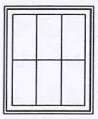
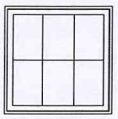
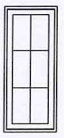
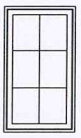
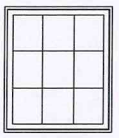
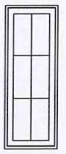
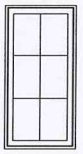
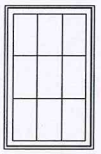
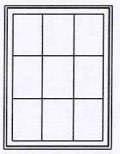
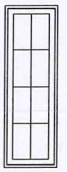
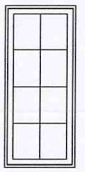
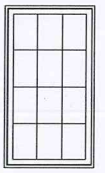
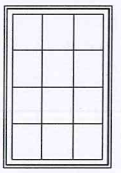
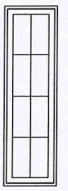
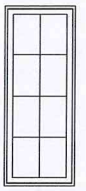
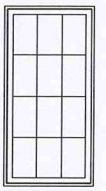
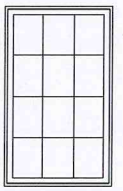
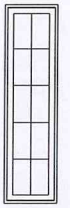
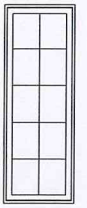
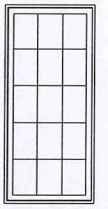
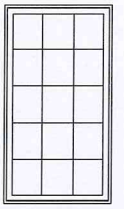
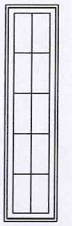
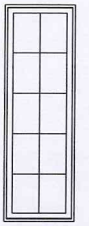
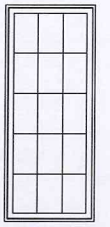
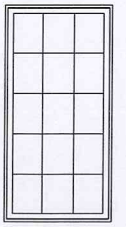
MEASUREMENT CONVERSION FACTORS

Unit	WIDTH		HEIGHT	
Frame Measurements	**Imperial**	**Metric**	**Imperial**	**Metric**
Masonry Opening to Rough Opening	+.000″	+ 0	+.250″	+ 6
OM of Frame to Rough Opening	+.500″	+ 13	+.500″	+ 13
Glass Size to Rough Opening	+5.066″	+ 129	+5.066″	+ 129
Sash Opening to Rough Opening	+2.164″	+ 55	+2.164″	+ 55
Sash				
Glass Size to Sash Opening	+2.902″	+ 74	+2.902″	+ 74
Glass Size to OM of Sash	+2.590″	+ 66	+2.590″	+ 66
OM of Sash to Rough Opening	+2.476″	+ 63	+2.476″	+ 63
Glass Size to Daylight Opening	–1.112″	– 28	–1.112″	– 28
Rough Opening to Daylight Opening	–6.178″	– 157	–6.178″	– 157
Screen				
Rough Opening to OM of Screen	–4.762″	– 121	–5.169″	– 131
Glass Size to OM of Screen	+.304″	+ 8	–.103″	– 3
Daylight Opening to OM of Screen	+1.416″	+ 36	+1.009″	+ 26

Integrity from MARVIN Windows and Doors — ALL ULTREX CASEMENT/AWNING

ELEVATIONS – ALL ULTREX CASEMENT UNITS Not To Scale

Mas. Opg.	1–6	(457)	2–0	(610)	2–6	(762)	3–0 (914)
Rgh. Opg.	1–6	(457)	2–0	(610)	2–6	(762)	3–0 (914)
Frame Size	1–5 1/2	(445)	1–11 1/2	(597)	2–5 1/2	(749)	2–11 1/2 (902)

Mas. Opg.	Rgh. Opg.	Frame Size				
1–11 3/4 (603)	2–0 (610)	1–11 1/2 (597)	 IFCA1620	 IFCA2020	 IFCA2620	 IFCA3020
2–5 3/4 (756)	2–6 (762)	2–5 1/2 (749)	 IFCA1626	 IFCA2026	 IFCA2626	 IFCA3026
2–11 3/4 (908)	3–0 (914)	2–11 1/2 (902)	 IFCA1630	 IFCA2030	 IFCA2630	 IFCA3030
3–5 3/4 (1060)	3–6 (1067)	3–5 1/2 (1054)	 IFCA1636	 IFCA2036	 IFCA2636	 IFCA3036E
3–11 3/4 (1213)	4–0 (1219)	3–11 1/2 (1207)	 IFCA1640	 IFCA2040	 IFCA2640E	 IFCA3040E
4–5 3/4 (1365)	4–6 (1372)	4–5 1/2 (1359)	 IFCA1646	 IFCA2046	 IFCA2646E	 IFCA3046E
4–11 3/4 (1518)	5–0 (1524)	4–11 1/2 (1511)	 IFCA1650	 IFCA2050	 IFCA2650E	 IFCA3050E
5–5 3/4 (1670)	5–6 (1676)	5–5 1/2 (1664)	 IFCA1656	 IFCA2056	 IFCA2656E	 IFCA3056E
Mas. Opg. 5–11 3/4 (1822)	Rgh. Opg. 6–0 (1829)	Frame Size 5–11 1/2 (1816)	 IFCA1660T	 IFCA2060T	 IFCA2660TE	 IFCA3060TE

NOTE:
E=These windows meet National Egress Codes for fire evacuation. Local codes may differ.

T=Tempered glass is standard for this size.

Standard GBGs patterns shown in above units. Optional: Customer specified equal lite cut patterns are available. Units are available with or without GBGs.

Imperial and metric dimensions are shown. Metric dimensions are in millimeters.

All units viewed from exterior.

Integrity from MARVIN Windows and Doors

ALL ULTREX CASEMENT/AWNING

ELEVATIONS – ALL ULTREX PICTURE UNITS Not To Scale

Mas. Opg.	1–6 (457)	2–0 (610)	2–6 (762)	3–0 (914)	3–6 (1067)	4–0 (1219)	5–0 (1524)	6–0 (1829)
Rgh. Opg.	1–6 (457)	2–0 (610)	2–6 (762)	3–0 (914)	3–6 (1067)	4–0 (1219)	5–0 (1524)	6–0 (1829)
Frame Size	1–5 1/2 (445)	1–11 1/2 (597)	2–5 1/2 (749)	2–11 1/2 (902)	3–5 1/2 (1054)	3–11 1/2 (1207)	4–11 1/2 (1511)	5–11 1/2 (1816)

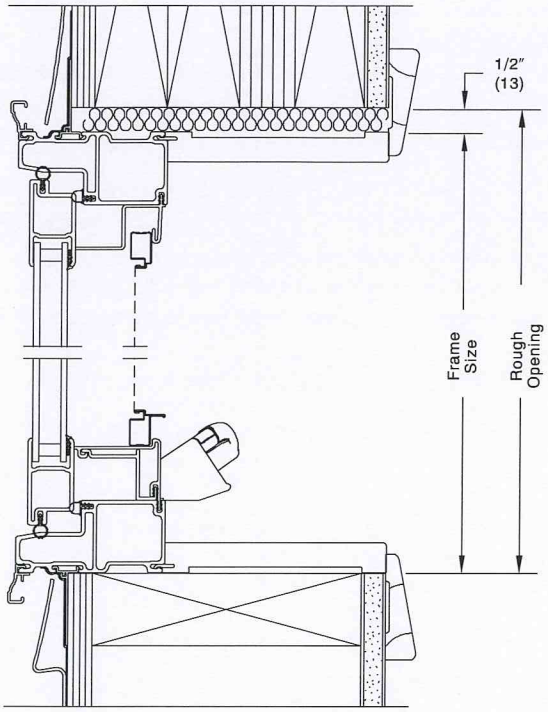
Mas. Opg. / Rgh. Opg. / Frame Size								
1–11 3/4 (603) / 2–0 (610) / 1–11 1/2 (597)	IFSWP1620	IFSWP2020	IFSWP2620	IFSWP3020	IFSWP3620	IFSWP4020	IFSWP5020	IFSWP6020
2–5 3/4 (756) / 2–6 (762) / 2–5 1/2 (749)	IFSWP1626	IFSWP2026	IFSWP2626	IFSWP3026	IFSWP3626	IFSWP4026	IFSWP5026	IFSWP6026
2–11 3/4 (908) / 3–0 (914) / 2–11 1/2 (902)	IFSWP1630	IFSWP2030	IFSWP2630	IFSWP3030	IFSWP3630	IFSWP4030	IFSWP5030	IFSWP6030
3–5 3/4 (1060) / 3–6 (1067) / 3–5 1/2 (1054)	IFSWP1636	IFSWP2036	IFSWP2636	IFSWP3036	IFSWP3636	IFSWP4036	IFSWP5036	IFSWP6036
3–11 3/4 (1213) / 4–0 (1219) / 3–11 1/2 (1207)	IFSWP1640	IFSWP2040	IFSWP2640	IFSWP3040	IFSWP3640	IFSWP4040	IFSWP5040	IFSWP6040
4–5 3/4 (1365) / 4–6 (1372) / 4–5 1/2 (1359)	IFSWP1646	IFSWP2046	IFSWP2646	IFSWP3046	IFSWP3646	IFSWP4046	IFSWP5046	IFSWP6046
4–11 3/4 (1518) / 5–0 (1524) / 4–11 1/2 (1511)	IFSWP1650	IFSWP2050	IFSWP2650	IFSWP3050	IFSWP3650	IFSWP4050	IFSWP5050	IFSWP6050
5–5 3/4 (1670) / 5–6 (1676) / 5–5 1/2 (1664)	IFSWP1656	IFSWP2056	IFSWP2656	IFSWP3056	IFSWP3656	IFSWP4056	IFSWP5056	IFSWP6056
5–11 3/4 (1822) / 6–0 (1829) / 5–11 1/2 (1816)	IFSWP1660T	IFSWP2060T	IFSWP2660T	IFSWP3060T	IFSWP3660T	IFSWP4060T	IFSWP5060T	IFSWP6060T

ALL ULTREX CASEMENT/AWNING

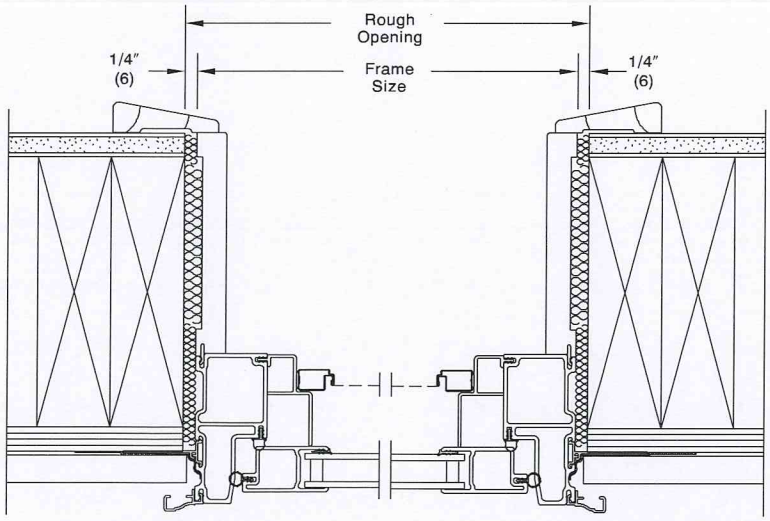
INSTALLATION SUGGESTIONS Scale 3″ = 1′ 0″

HEAD
JAMB

SILL



JAMB



VINYL SIDING WITH 2X6 FRAME CONSTRUCTION

NOTE:
Shown with optional jamb extension and J–channels.
Picture unit installation similar.
The above wall sections represent typical wall conditions, these details are not intended as installation instructions.
Please refer to the installation instructions provided with the purchased units.

CEDAR SHINGLES - RESAW'd & REBUTTED CLEAR (#2)

CERTIGRADE 16 INCH 5X SHINGLES

Thickness:

- The thickness of 5 butts must be 2 inches or greater.
- Butt thickness must be uniform - not thick and thin.

Part Five - 16 Inch 5X Shingle Packing

- Total inches of "on grade" shingles per bundle must be greater than 695 inches if packing 4 bundles per square.
- Normal pack for 16 inch 5X shingles is either a) 22/22 pack in an 18 inch frame or 20/20 pack in a 20 inch frame.
- No excessively wide openings in any packed course or row.
- Joints or spaces between shingles in adjoining rows should be broken by placing a shingle completely over the space.
- No overlapping shingles in the same course or row, all shingles must lie flat.
- Shingles are to be packed to the outside edges of the packing frame.
- Each bundle must be identified with a Certigrade or mill grade label according to the proper grade of the shingles
- The label must be placed under the bandstick or band on the width of each bundle.
- Each pallet must have a packer identification mark. (Pallet Tag)

The CSSB-97 Grading Rules are the grading rules accepted by the International Code Council ("ICC") which publishes the IBC and IRC building codes. These codes are applicable to all cedar shake and shingle products sold in the United States.

Cedar shake and shingle products sold in Canada must meet the CSA 0118.1 Standard.

The Cedar Shake & Shingle Bureau requires that its members' products meet the applicable standards. Do yours?

REVISED: 11/2/2006

GUIDE TO CSSB-97 GRADING RULES

CONFORMS WITH UBC 15-4, *CSA 0118.1-97, CSSB-97*

CERTIGRADE® - 16 Inch FiveX Shingles

16 INCH 5X SHINGLE CHART		No. 1-Blue	No. 2-Red	No. 3-Black
WOOD:	Clear area	All	10"	6"
	Sapwood	None	1"	Yes
	Flat Grain	None	Yes	Yes
	Checks	None	1" (to 15")	2" (to 14")
	Defects Size	None	3"	3"
	Total	No	1/2" width	2/3" width
LENGTH	Maximum	None	None	None
	Minimum	15"	15"	14"
	Exposure Line	5"	4"	3-1/2"
WIDTH	Maximum	None	None	None
	Minimum	4"	4"	4"
	Under Size %	10%	20%	30%
	Minimum	3"	3"	2-1/2"
	Off Parallel	1/4"	1/4"	3/8"
Thickness Minimum		5 butts equal 2 inches		
Coverage (@ 4 bundles/sq.)		695 inches "on grade" per bundle		
Pack 18 inch Frame		22/22 pack		
20 inch Frame		20/20 pack		

Contact the Cedar Shake & Shingle Bureau for application instructions

Cedar Shake & Shingle Bureau

Canadian Address:
#2-7101 Horne Street
Mission, BC V2V 7A2

US Mailing Address:
PO Box 1178
Sumas, WA 98295-1178

Phone: 604-820-7700
Fax: 604-820-0266
www.cedarbureau.org