

City of Boston Historical Landmarks Commission

APPLICATION FOR CERTIFICATE OF DESIGN CHANGE APPROVAL

BUILDING ENVELOPE RESTORATION

1597 WASHINGTON STREET, BOSTON, MA 02118



Prepared on Behalf of:

1597 Washington Street Condominium Trust
Boston, MA 02118

Presented by:

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Professional Service Manager
Building Enclosure Science, LLC
Providence, RI | Boston, MA

JUNE 1, 2021



Building Enclosure Science^{LLC}

INVESTIGATION » REHABILITATION » COMMISSIONING

PROJECT SCOPE OF WORK

FENESTRATION REPLACEMENT:

- REPLACEMENT OF EXISTING DOUBLE HUNG WINDOWS ON THE 4th, 5th AND 6th FLOOR WITH NEW AWNING WINDOWS (*NEW WINDOWS TO MATCH EXISTING IN SIZE, COLOR AND MATERIAL)
- EXISTING BALCONY DOORS AND CURTAIN WALL TO BE REPLACED IN KIND



REFERENCE PHOTOS



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1597 WASHINGTON STREET
BUILDING ENVELOPE RESTORATION
BOSTON, MA



EXISTING WINDOWS

Washington St. View



PROPOSED WINDOWS

Washington St. View



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APPENDIX C

Application for Certificate of Design Change Approval
 Boston Landmarks Commission

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BUILDING ENVELOPE RESTORATION

BOSTON, MA



EXISTING WINDOWS

Washington St. View



PROPOSED WINDOWS

Washington St. View

APPENDIX C

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EXISTING WINDOWS

West Concord St. View



**NEW AWNING
WINDOWS AT 4th, 5th
AND 6th FLOOR**

**EXISTING WINDOWS
AT 2nd AND 3rd
FLOOR TO REMAIN**

PROPOSED WINDOWS

West Concord St. View



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**1597 WASHINGTON STREET
BUILDING ENVELOPE RESTORATION**

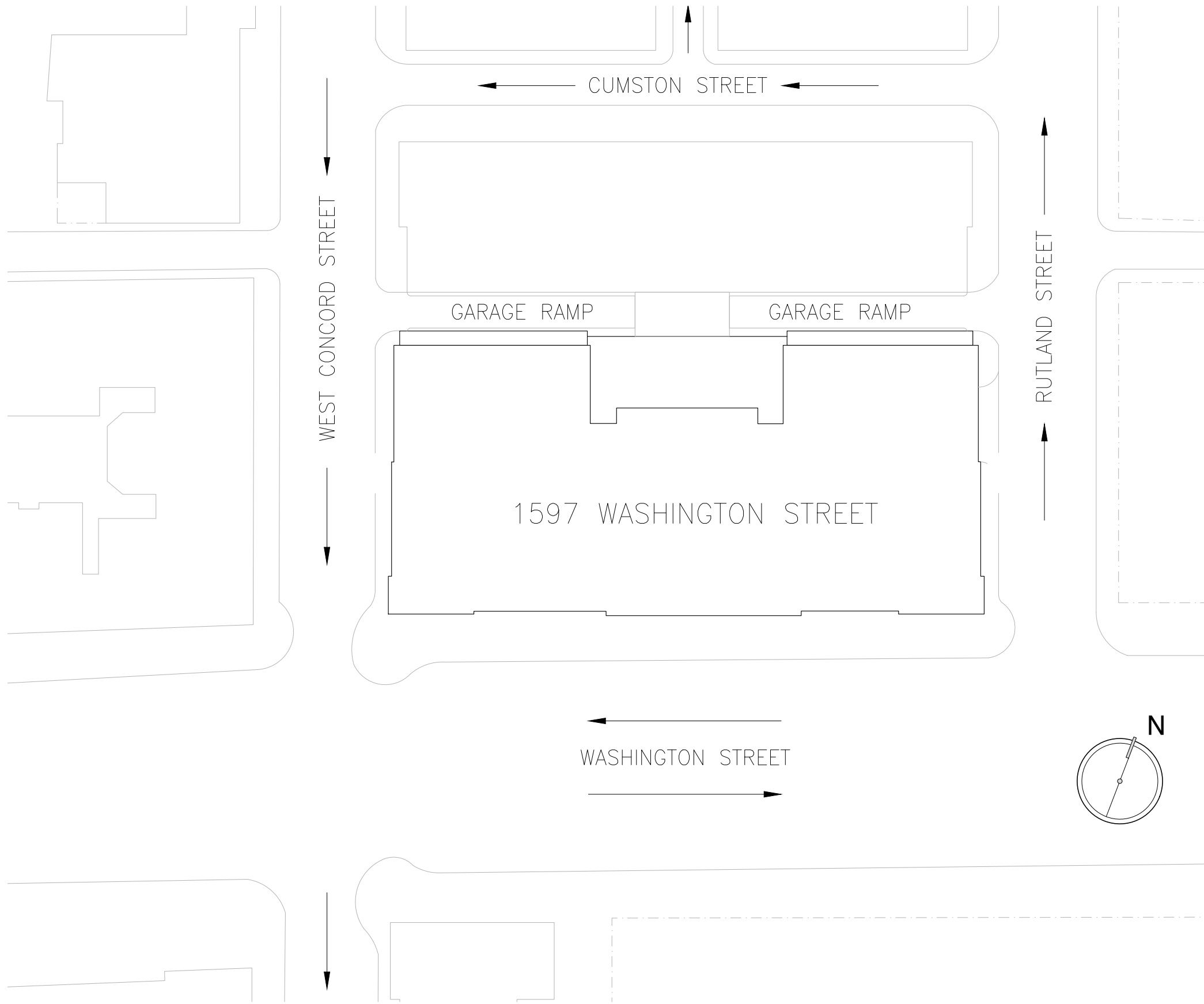
BOSTON, MA

REFERENCE DRAWINGS

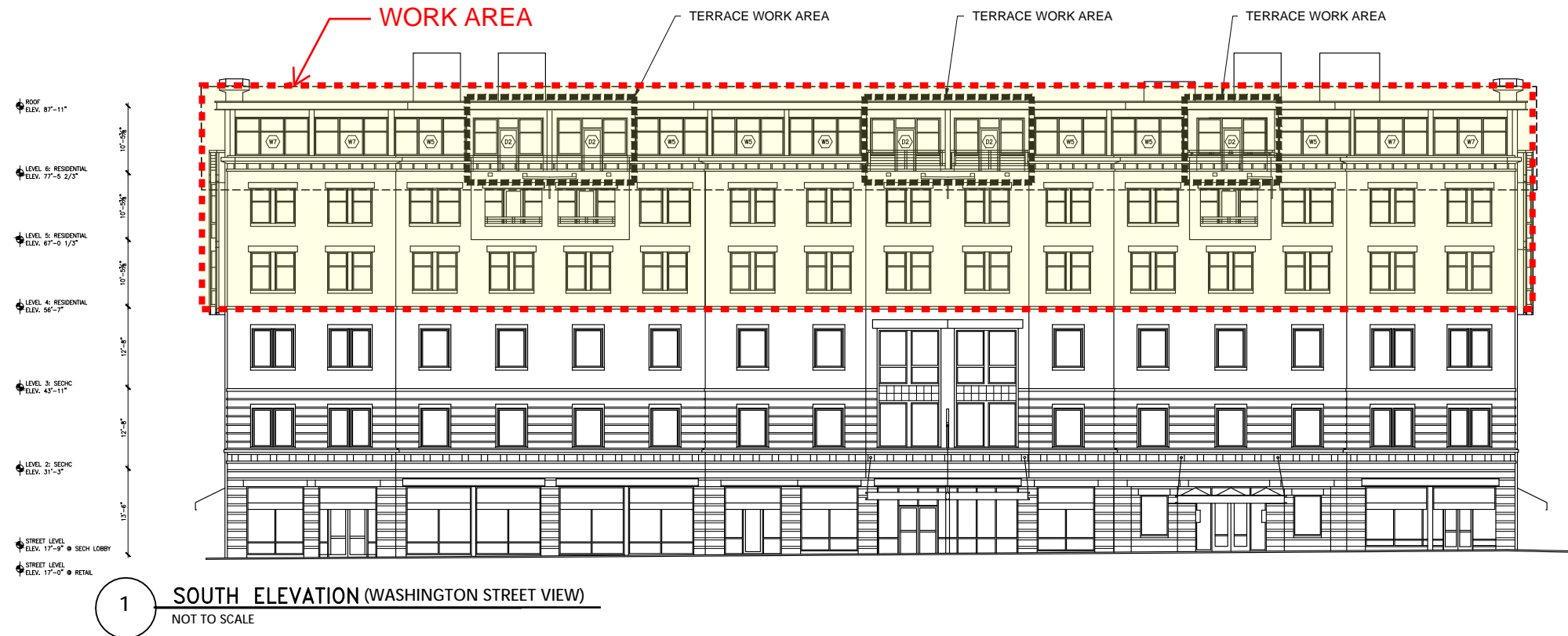


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BUILDING ENVELOPE RESTORATION
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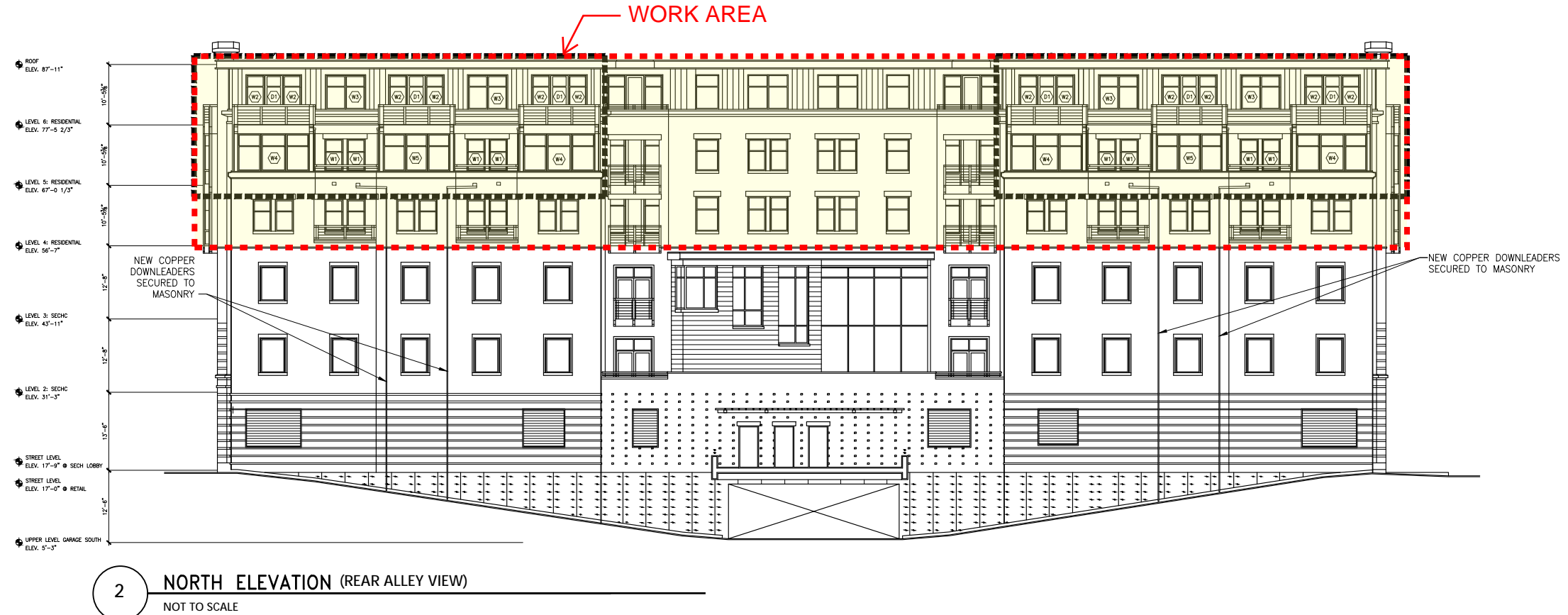
APPENDIX B



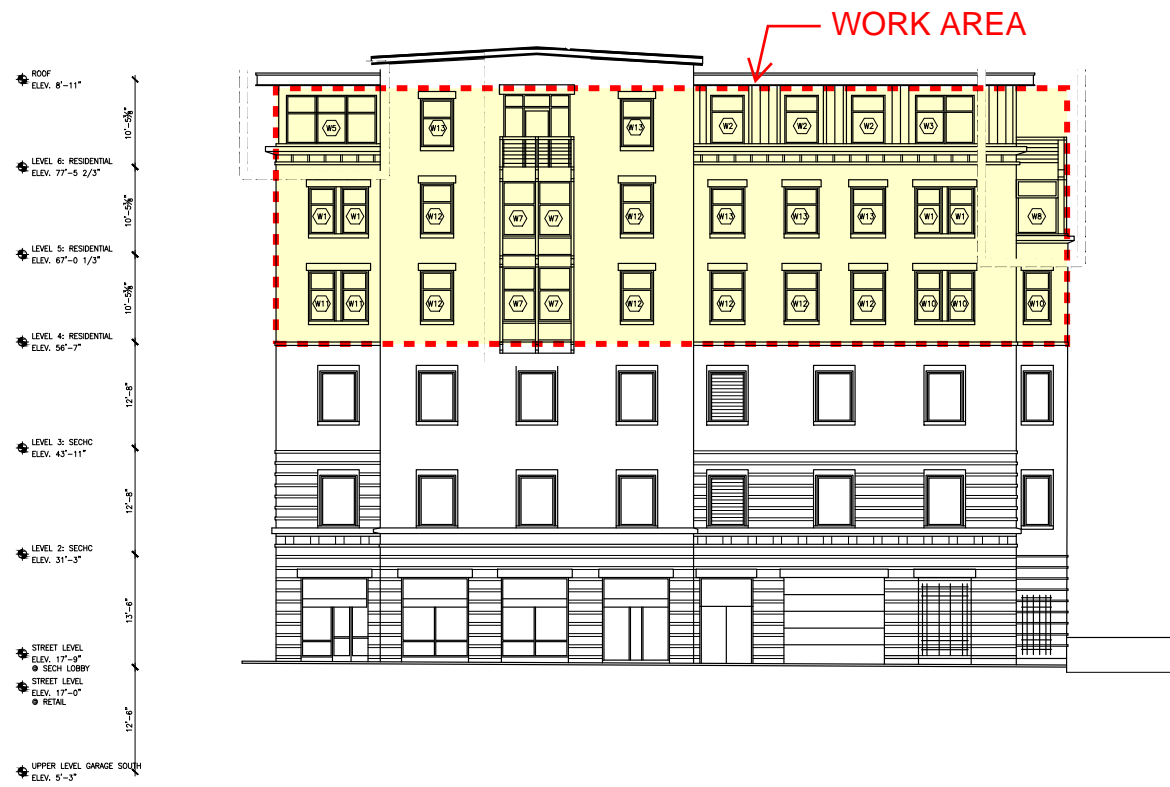
1 SOUTH ELEVATION (WASHINGTON STREET VIEW)
NOT TO SCALE

NOTE:

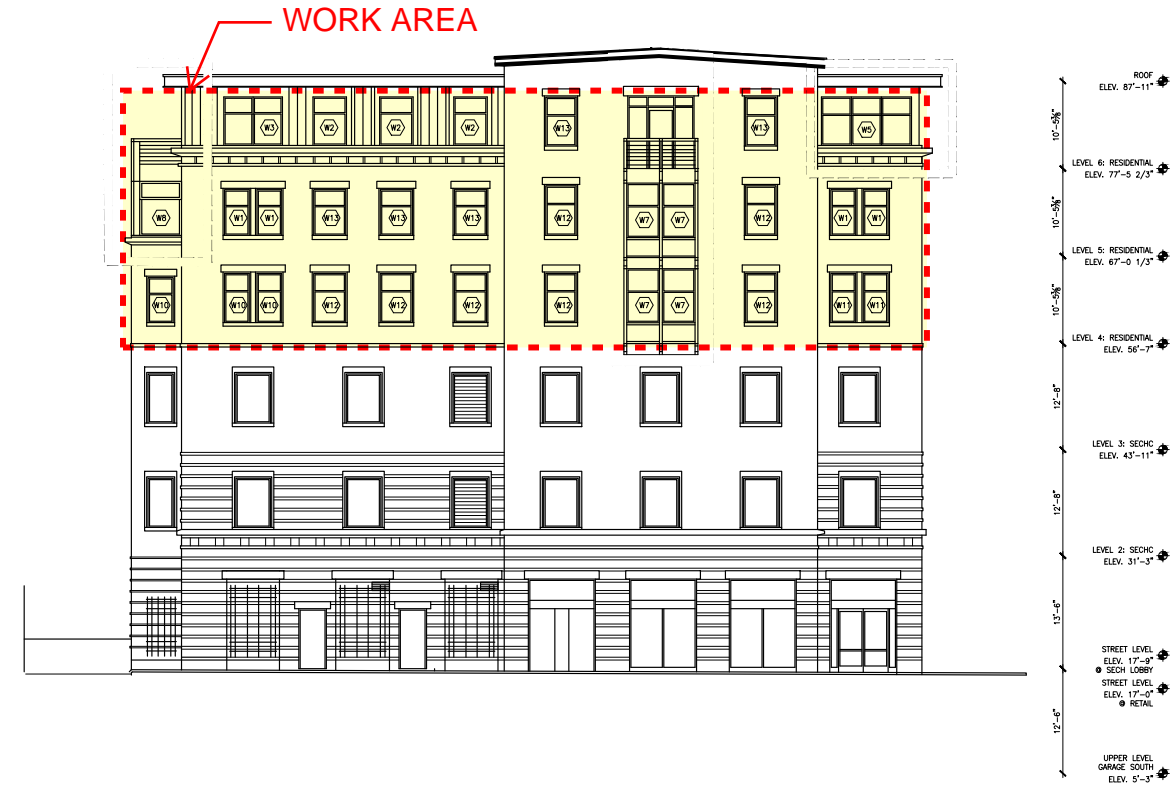
1. ALL EXISTING ALUMINUM WINDOWS AT 4th, 5th AND 6th FLOOR OF THE MARKED WORK AREA TO BE REPLACED WITH NEW FULL-HEIGHT AWNING WINDOWS.
2. ALL TERRACE DOORS AND CURTAIN WALLS OF THE MARKED WORK AREA TO BE REPLACED IN KIND WITH NEW.



2 NORTH ELEVATION (REAR ALLEY VIEW)
NOT TO SCALE



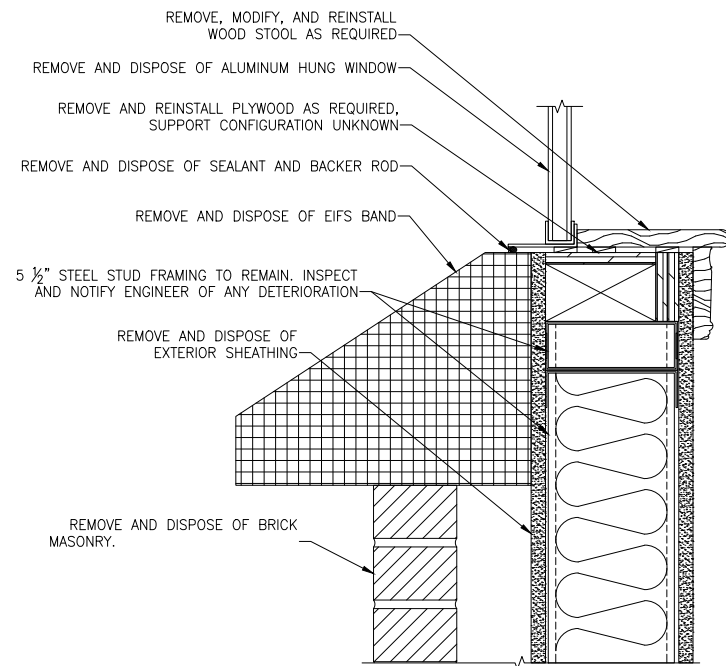
1 EAST ELEVATION (RUTLAND STREET VIEW)
NOT TO SCALE



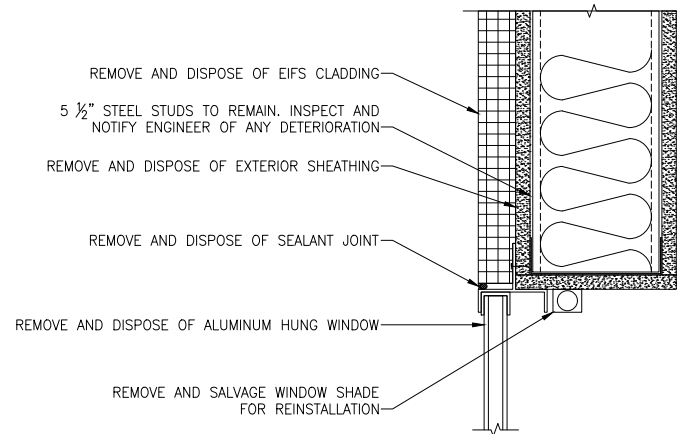
2 WEST ELEVATION (W. CONCORD STREET VIEW)
NOT TO SCALE



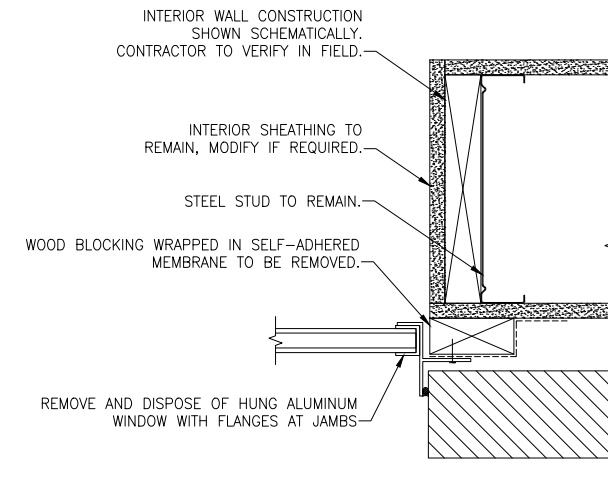
APPENDIX B



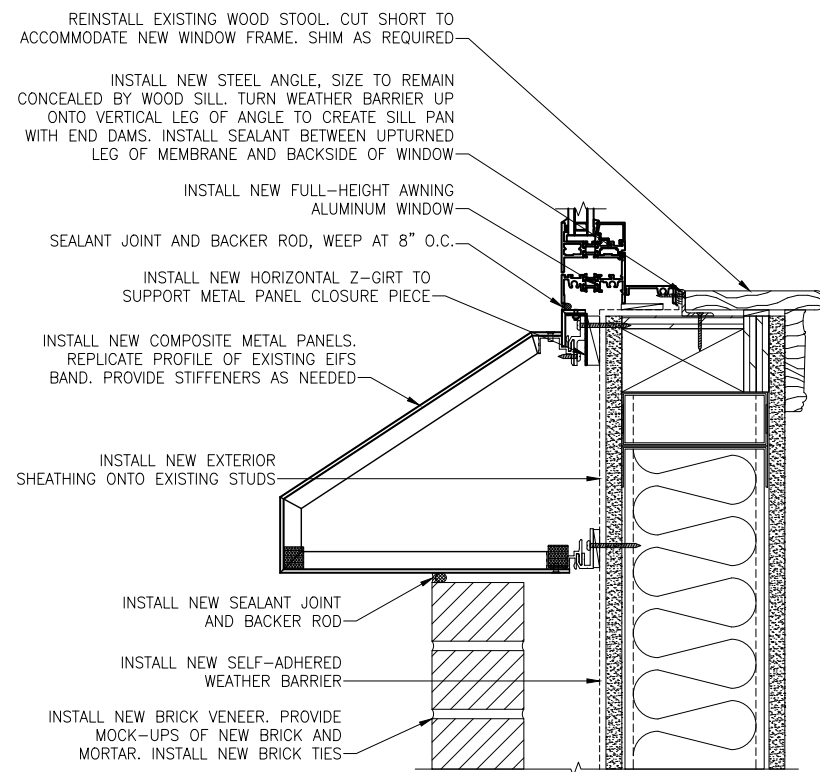
1 EXISTING WINDOW SILL AT EIFS
NOT TO SCALE



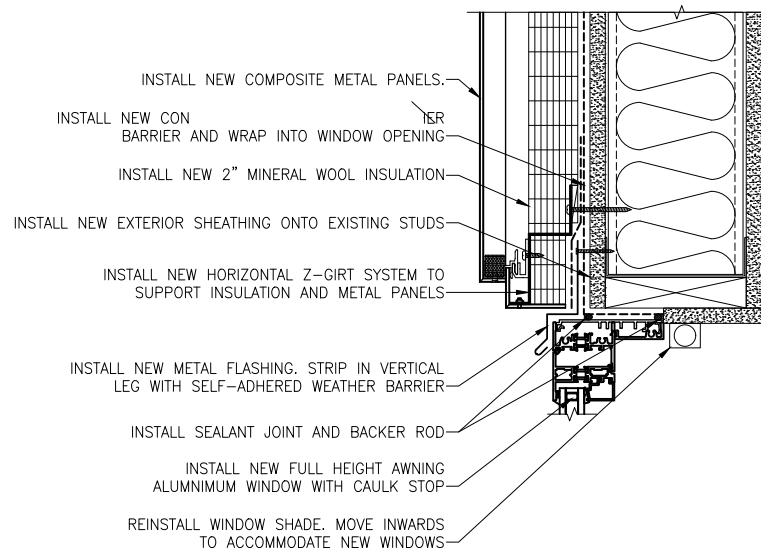
3 EXISTING WINDOW HEAD AT EIFS
NOT TO SCALE



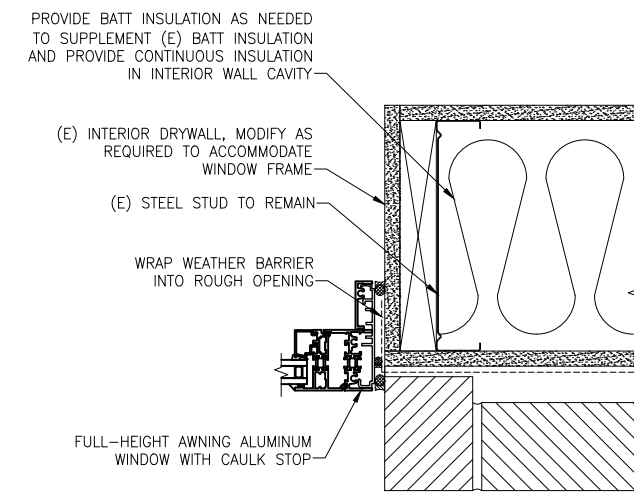
5 EXISTING WINDOW JAMB AT BRICK
NOT TO SCALE



2 NEW WINDOW SILL AT COMPOSITE METAL PANELS
NOT TO SCALE



4 NEW WINDOW HEAD AT COMPOSITE METAL PANELS
NOT TO SCALE



6 NEW WINDOW JAMB AT BRICK
NOT TO SCALE

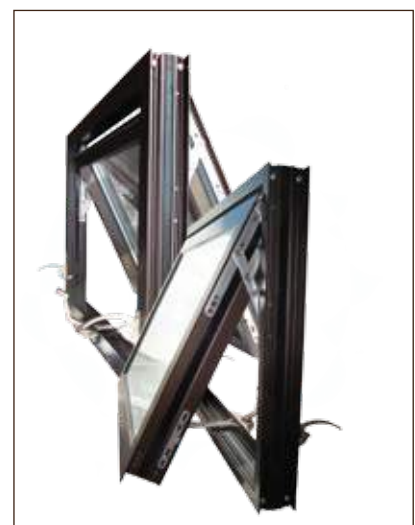
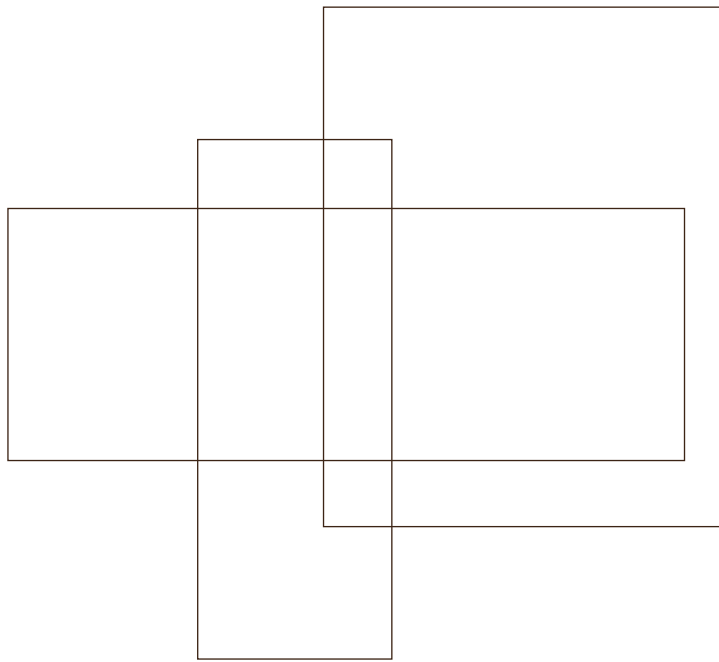


PRODUCT DATA SHEETS

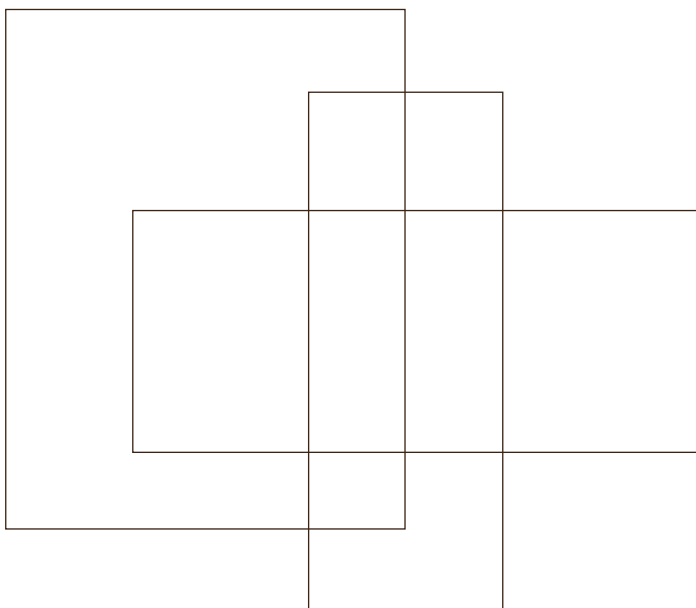
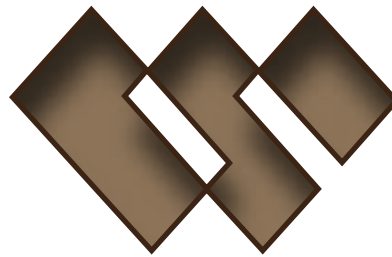


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in.vent[™]
...the future of windows...



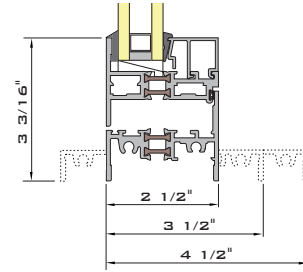


...the future of windows...



2250i . 3250i . 4250i 4250i-OS OFFSET INVENT

WAUSAU'S STANDARD HIGH-PERFORMANCE
PROJECTED WINDOW PRODUCT LINE



- 2-1/2", 3-1/2" and 4-1/2" frame depth with polyamide thermal barrier
- AAMA AW-100 Architectural Performance Class
- Fixed, project-in hopper, project-out awning, or casement
- Integral blinds with access doors available
- 1/8" wall thickness at hardware attachments
- Multi-lock hardware option for improved accessibility
- High recycled aluminum content, choice of 30,000 finish colors, including two-color option

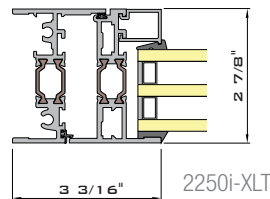
Test results may vary

Allowable Air	Water	NFRC U-Factor	CRF _f	STC OITC
0.10 cfm/sqft at 6.24 psf	15 psf	0.34 to 0.64 BTU/hr.sqft.*F	46 to 65	31 to 42 26 to 37

Production line sampling, with inspection and **water testing prior to shipment**, helps ensure real-world performance equal to the laboratory.

INVENT -XLT

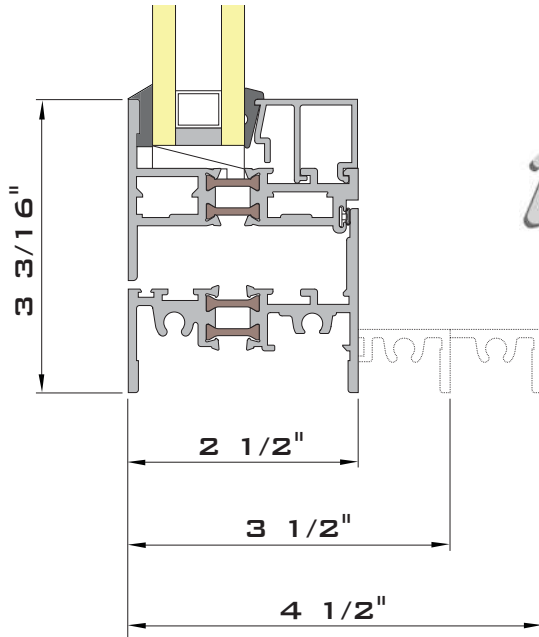
SUPERIOR ENERGY EFFICIENCY AND
CONDENSATION RESISTANCE



- 2-7/8", 3-7/8" and 4-7/8" frame depth
- XLT option features extra-wide polyamide thermal barrier
- AW-100 rating - Accepts triple glazing
- Glazed-in muntin grid option for historical renovation

Test results may vary

Allowable Air	Water	NFRC U-Factor	CRF _f	STC OITC
0.10 cfm/sqft at 6.24 psf	15 psf	0.21 to 0.60 BTU/hr.sqft.*F	59 to 68	31 to 42 26 to 37



Features

- ✓ 2½", 3½" and 4½" frame depth with polyamide thermal barrier
- ✓ AAMA AW-100 Performance Class
- ✓ Fixed, project-out awning, project-in hopper, or casement
- ✓ Flush vent construction reduces collection of dust and debris
- ✓ 4250i simulated double hung option
- ✓ Dual or triple glazed option with hinged or lift-out access panels
- ✓ 5/8" or 1" between-glass Venetian blinds available
- ✓ Slide-in heavy duty steel anchors
- ✓ 1/8" principal wall thickness
- ✓ Multi-lock hardware option for improved accessibility
- ✓ Head, sill and jamb receptors available
- ✓ Broad selection of renovation panning
- ✓ Offered through Advantage by Wausau
- ✓ NFRC labeled
- ✓ High recycled content aluminum framing
- ✓ BHM option for UFC or ISC blast hazard mitigation

See the INvent™ –XLT
Technical Guide for superior
energy efficiency and
hurricane impact options.



Performance

Allowable Air
0.10 cm/sqft at 6.24 psf
Water
15 psf
NFRC U-Factor
0.34 to 0.64 BTU/hr.sqft.°F
CRF_f
46 to 65
STC
31 to 42

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