



UNITED STATES DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
HISTORIC PRESERVATION CERTIFICATION APPLICATION
AMENDMENT / ADVISORY DETERMINATION

OMB Approved
No. 1024-0009
Form 10-168
Rev. 2014

NPS Project Number
30285

Instructions: This page must bear the applicant's original signature and must be dated.

1. Property name IDA0 Apartments
Property address 910 Marlborough Street

2. This form includes additional information requested by NPS for an application currently on hold.
 updates applicant or contact information.
 amends a previously submitted Part 1 Part 2 Part 3 application.
 requests an advisory determination that phase _____ of _____ phases of this rehabilitation project meets the Secretary of the Interior's Standards for Rehabilitation. Phase completion date _____
Estimated rehabilitation costs of phase (QRE) _____

Summarize information here; continue on following page if necessary.

Amendment 1 responds to conditions

3. Project Contact (if different from applicant)
Name John M. Tess, President Company Heritage Consulting Group
Street 1120 NW Northrup Street City Portland State OR
Zip 97209-2852 Telephone (503) 228-0272 Email Address jmtess@heritage-consulting.com

4. Applicant
I hereby attest that the information I have provided is, to the best of my knowledge, correct. I further attest that [check one or both boxes, as applicable] (1) I am the owner of the above-described property within the meaning of "owner" set forth in 36 CFR § 67.2 (2011), and/or (2) if I am not the fee simple owner of the above-described property, the fee simple owner is aware of the action I am taking relative to this application and has no objection, as noted in a written statement from the owner, a copy of which (i) either is attached to this application form and incorporated herein, or has been previously submitted, and (ii) meets the requirements of 36 CFR § 67.3(a)(1) (2011). For purposes of this attestation, the singular shall include the plural wherever appropriate. I understand that knowing and willful falsification of factual representations in this application may subject me to fines and imprisonment under 18 U.S.C. § 1001, which, under certain circumstances, provides for imprisonment of up to 8 years.
Name Kathy Makino Signature [Signature] Date 2/19/18
Applicant Entity Shelbourne Development Company LLC SSN _____ or TIN 36-3586430
Street 8445 East Jefferson Avenue City Detroit State MI
Zip 48214-2721 Telephone (734) 905-8323 Email Address kathysmakino@aol.com
 Applicant, SSN, or TIN has changed since previously submitted application.

NPS Official Use Only

The National Park Service has reviewed this amendment to the Historic Preservation Certification Application and has determined that the amendment:

- meets the Secretary of the Interior's Standards for Rehabilitation.
- will meet the Secretary of the Interior's Standard for Rehabilitation if the attached conditions are met.
- does not meet the Secretary of the Interior's Standards for Rehabilitation.
- updates the information on file and does not affect the certification.

Advisory Determinations:

- The National Park Service has determined that the work completed in this phase is consistent with the Secretary of the Interior's Standards for Rehabilitation. This determination is advisory only. A formal certification of rehabilitation can be issued only after all rehabilitation work and any associated site work or new construction have been completed. This approval could be superseded if it is found that the overall rehabilitation does not meet the Secretary's Standards. A copy of this form will be provided to the Internal Revenue Service.

Date _____ National Park Service Authorized Signature _____

- NPS conditions or comments attached

**Historic Preservation Certification Application
Part 2 – Description of Rehabilitation**

Project name: IDAO Apartments
Property Address: 910 Marlborough Street, Detroit, Wayne County, MI

NPS Project Number 30285

Amendment 1 - Responds to all project conditions

Condition 1

Photo number 10 appears to show that the building's primary entry included a glazed green wall tile. As one of the few remaining historic interior finish details these tiles need to be retained and reused in their existing locations in the finished project.

Item 6

ARCHITECTURAL FEATURE: First Floor

DATE OF FEATURE: 1927, c. 2000

EXISTING FEATURE AND CONDITION: N/A

WORK AND IMPACT ON FEATURE: The glazed green tile in the entry vestibule off Marlborough Street will be retained in situ, repaired and cleaned.

PHOTOS: N/A

PLANS: N/A

**Historic Preservation Certification Application
Part 2 – Description of Rehabilitation**

Project name: IDAO Apartments
Property Address: 910 Marlborough Street, Detroit, Wayne County, MI

NPS Project Number 30285

Condition 2

New building system infrastructure, including but not limited to plumbing, mechanical, electrical, fire detecting, fire suppression and telecommunications must be concealed within walls, ceiling, soffits and floor systems. Building systems shall not be exposed to view.

Items 6-8, 10-12

ARCHITECTURAL FEATURE: Interiors generally

DATE OF FEATURE: 1927, c. 2000

EXISTING FEATURE AND CONDITION: N/A

WORK AND IMPACT ON FEATURE: All systems will be concealed within walls and shall not be exposed.

PHOTOS: N/A

PLANS: N/A

**Historic Preservation Certification Application
Part 2 – Description of Rehabilitation**

Project name: IDAO Apartments
Property Address: 910 Marlborough Street, Detroit, Wayne County, MI

NPS Project Number 30285

Condition 3

Historical physical and/or photographic documentation of the building window configuration shall be provided in support of the proposed 3 over 1 configuration currently shown in the drawings. Window shall not be ordered or installed until the proposed configuration profiles and installation details have been proved and NPS approvals received.

Item 2-5

ARCHITECTURAL FEATURE: Exterior - Windows

DATE OF FEATURE: 1927, c. 2000

EXISTING FEATURE AND CONDITION: Existing windows are modern vinyl.

WORK AND IMPACT ON FEATURE: Applicant is proposing to replace existing vinyl windows with new, more energy efficient and stylistically compatible windows. Existing windows to be removed, retaining the existing frame. Proposed aluminum-clad wood window is manufactured by Marvin Windows & Doors from their “Wood Ultimate Insert Double Hung” product line. Proposed configuration is one over one. Tripartite windows will have a 7 inch mullion. Color is white. Windows will have insulated low E clear glass. Windows twill have a full exterior insect screen. Window sizes will be field measured for installation; See page WINDH-12 and WINDH-15 in the attached for window measurements.

PHOTOS: Photo 1 from the Part 2 submission (attached)

PLANS: Archive DS, Sheet A-3 (attached)

OTHER: Marvin Ultimate Insert Double Hung Product Specifications
Also see: www.marvin.com/marvin/windows/double-hung-insert

**Historic Preservation Certification Application
Part 2 – Description of Rehabilitation**

Project name:
Property Address:

IDAO Apartments
910 Marlborough Street, Detroit, Wayne County, MI

NPS Project Number 30285

Photograph 1 from the Part 2 submittal (May, 2017)



Photo 3 from the Part 2 submittal (May, 2017)



Wood Ultimate Insert Double Hung

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Wood Ultimate Insert Double Hung



Unit Features

✓ Wood Ultimate Insert Double Hung: WINDH

~~Wood Ultimate Insert Double Hung Transom: WINDHT~~

~~Wood Ultimate Insert Double Hung Picture: WINDHP~~

NOTE: Wood Ultimate Insert Double Hung Transom and Wood Ultimate Insert Double Hung Picture are not available with CE mark.

Frame:

- Depth is 4 9/16" (116)
- 1 1/16" (17) thick at head and side jambs, 1" (25) at sill which has an 8° bevel
- Optional flat sill that is 1 7/16" (37)

Sash:

- Sash thickness for operable units and transom: 1 5/8" (41). Sash thickness for a picture unit is 1 5/8 (41) or 2" (51).
- Operating sash are removable for cleaning, service and finishing.
- Incorporates traditional wide bottom rail in bottom sash - 3 9/16" (90).
- Single Hung conversion kits available. Cottage and Oriel sash configuration available.

Hardware:

- Sash lock and keeper: Open style crescent cam lock with sash release lever, surface mounted. Color: Satin Taupe. Optional colors: Bronze, White, Brass, Antique Brass, Satin Chrome, Satin Nickel and Oil Rubbed Bronze.
- Balance system: block and tackle coil spring.
- The jamb track is a vinyl extrusion. ~~Color: Beige.~~ Optional color: White.

Weather Strip:

- Jamb weather strip is a foam type weather strip which seals against both the bottom sash and top sash stiles.
- Top sash has a weather strip on the check rail that seals to the bottom sash check rail when the sash lock is engaged.
- The top rail seals against a weather strip on the head jamb parting stop.
- The bottom sash has a weather strip on the bottom of the lower rail which seals against the sill.

Insect Screens:

- Aluminum screen: Full screen standard, half screen optional. Colors available: Pebble Gray, Bahama Brown, Evergreen, Bronze, Stone White, Ebony, Cobalt Blue, Wineberry, Coconut Cream, Hampton Sage, Cashmere, Arctic White, Cumulus Gray, Desert Beige, Sherwood Green, Sierra White, Cadet Gray, Cascade Blue, or French Vanilla.
- Screen mesh: Standard is Charcoal Fiberglass. Optional: Charcoal High Transparency Fiberglass Mesh, Charcoal Aluminum Wire, Black Aluminum Wire, Bright Aluminum Wire, or Bright Bronze Aluminum Wire.
- Screens have an aluminum crossbar on glass heights of 20" (508) and taller.
- ~~Optional Double Hung Magnum Screen, extruded aluminum.~~
- ~~Optional wood screen.~~

Glass:

- Glazing seal: Silicone glazed.
- ✓ Standard glass is insulating Low E2 Argon or Air.
- Insulating glass will be altitude adjusted with capillary tubes for higher elevations. Argon gas is not available for elevations that require capillary tubes.

Optional Glass

- ~~Low E1 Argon or Air, Low E3 Argon or Air, Clear, Tempered, Laminated, Obscure, Bronze tint, Gray tint, Reflective Bronze, Decorative glass options or clear.~~
- ADL glazing options not available with Argon

Optional Glass- WINDP only

- Tripane Low E1 outer piece and Low E1 Argon inner piece
- Tripane Low E1 outer piece and Low E1 Krypton-Argon inner piece
- Tripane Low E2 outer piece and Low E2 Argon inner piece
- Tripane Low E2 outer piece and Low E2 Krypton-Argon inner piece
- Tripane Low E3 outer piece and Low E1 Argon inner piece
- Tripane Low E3 outer piece and Low E1 Krypton-Argon inner piece

Unit Features

CE Optional Glazing:

- ✓ • Glazing method: Insulating
- ✓ • Glazing seal: Silicone glazed
- ✓ • Standard glass is insulating Low E2 Argon or air
 - Optional dual glazing available: Low E1 Argon or air, Low E3 Argon or air, Low E2/ERS argon or air, Low E3/ERS Argon or air, clear, laminated clear and tints, tempered, sandblasted
 - Glass panes available in 3 and 4 mm thicknesses
 - Laminated panes available in 7.0 and 7.8 mm thicknesses
 - Glazing will be altitude adjusted for higher elevations, Argon, Argon-Krypton, and Krypton gas not included

Accessories:

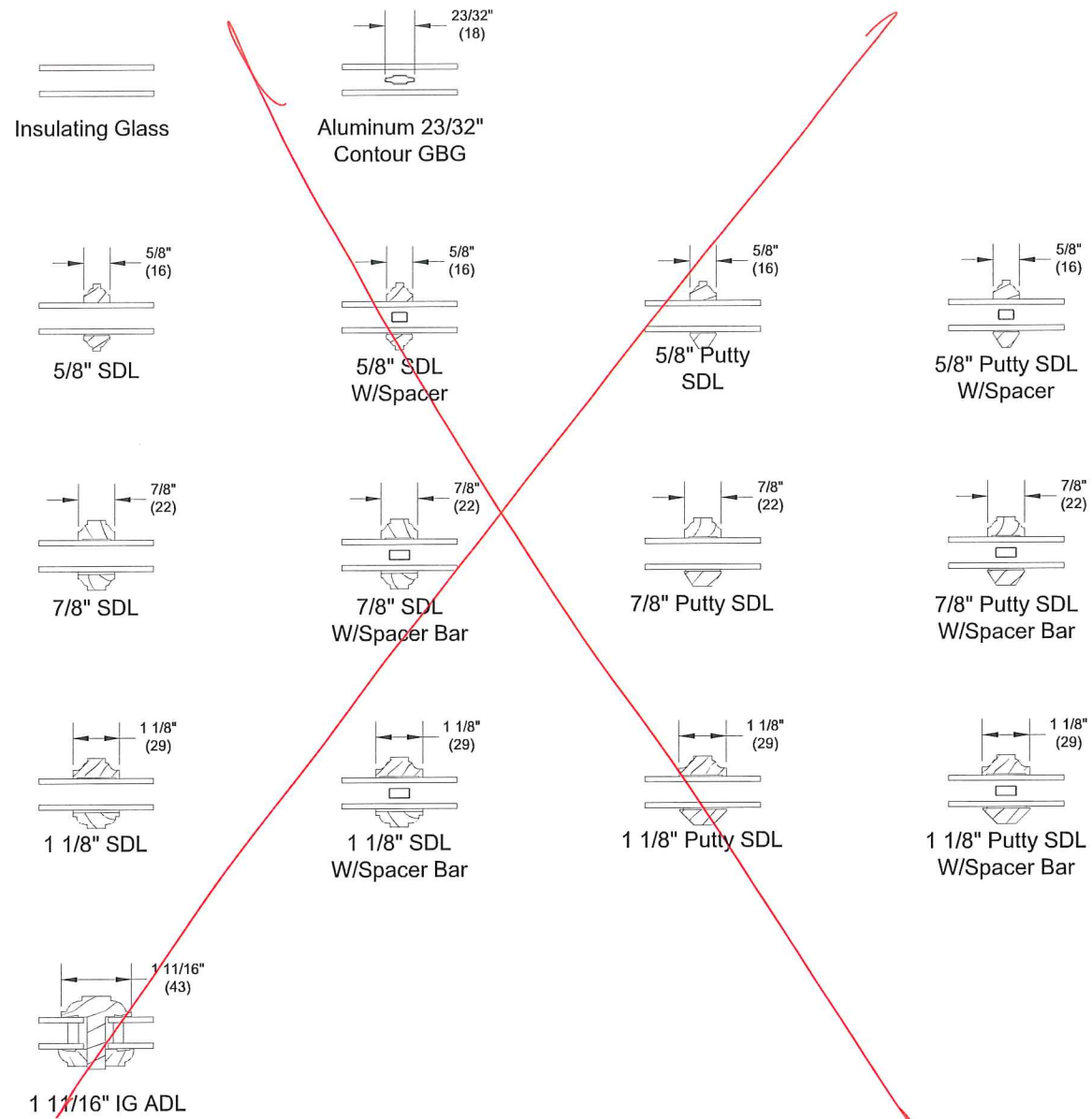
- Installation Accessories
 - Factory installed vinyl sill fin (8 degree sill option only)
 - Two (2) 5/16" - #10 x 2 1/2" jamb jack screws
 - Four (4) #7 x 2" Phillips pan-head installation screws
 - Two (2) jamb liner check rail pads
 - Two (2) wood flat head plugs (interior).
- Sash Lifts
 - High pressure zinc die-cast.
 - Color: Satin Taupe. Optional colors: Bronze, White, Brass, Antique Brass, Satin Chrome, Satin Nickel and Oil Rubbed Bronze.

CE Mulling Options:

- ✓ • Muller assemblies up to 70 3/4" (1797) x 80 3/8" (2042) as 1H x multi-width
- ~~• Muller assemblies with 1" (25) LVL or 3/8" (10) aluminum mull reinforcement up to 124 7/8" (3172) x 100 3/8" (2550) as a multi-wide or multi-high assembly~~

Wood Ultimate Insert Double Hung
 Standard Insulating Glass Divided Lite Options

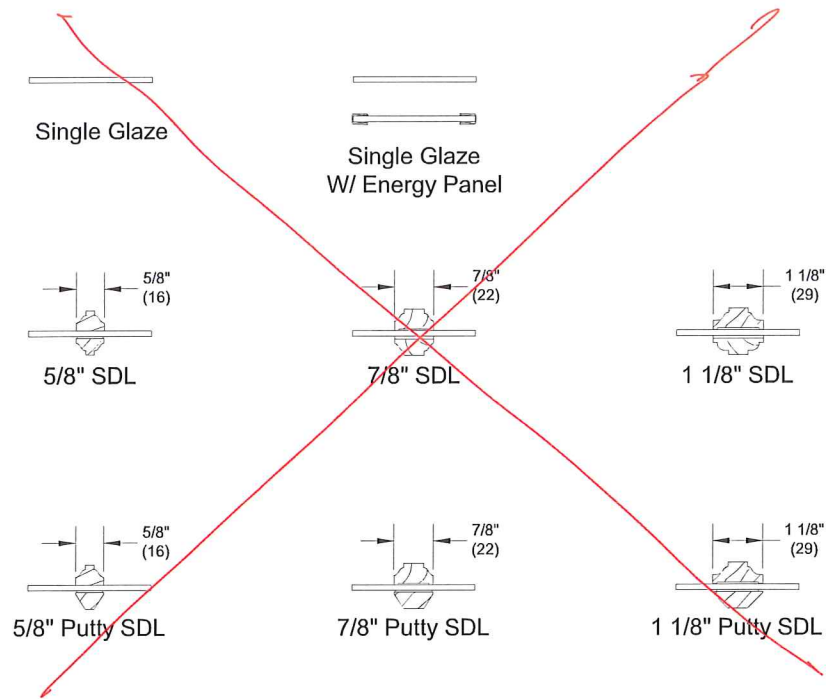
No divided lites on 910 Marlborough



NOTE: ADL is not available with CE mark.

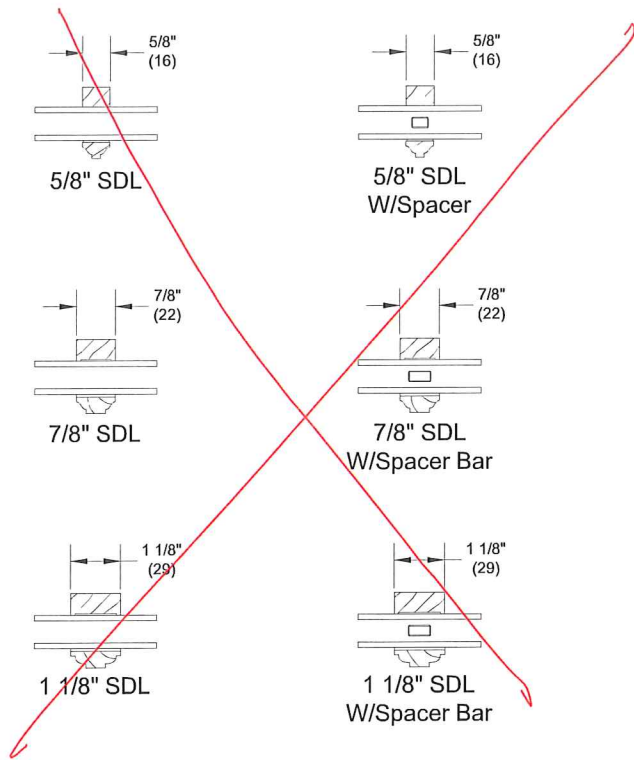
Wood Ultimate Insert Double Hung
Standard Single Glaze Divided Lite Options

No divided lites
on 910 Marlborough



NOTE: Single Glaze and ADL are not available with CE mark.

Optional Interior Square Simulated Divided Lite Options

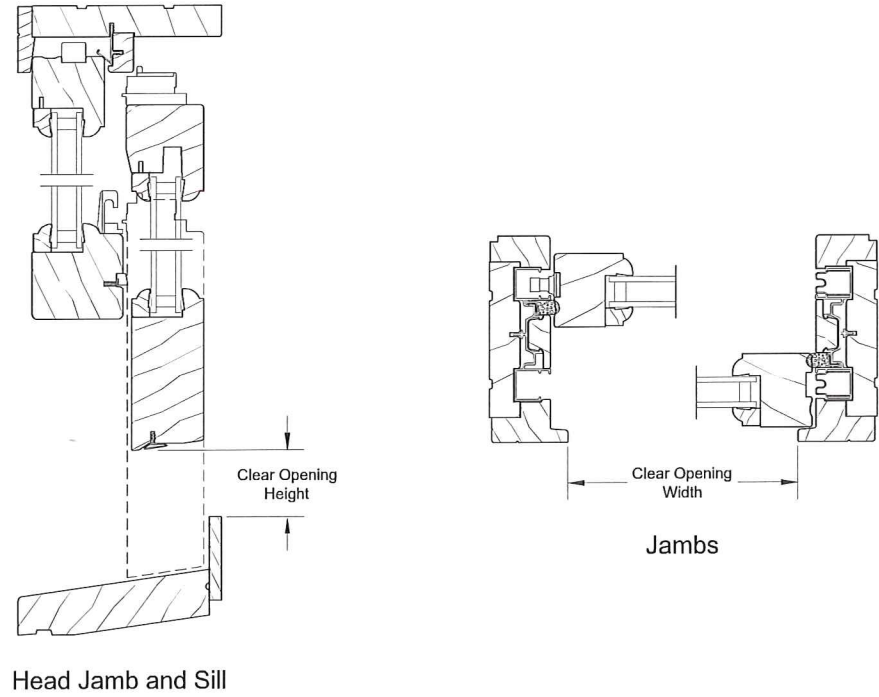


No divided lites
on 910 Marlborough

Egress and Vent Openings *ALL OPENINGS TO BE FIELD MEASURED*

Minimum Egress Requirements					
Inside Opening Width		Inside Opening Height Flat Sill		Inside Opening Height 8 degree	
in	mm	in	mm	in	mm
29 3/4	(756)	77 1/4	(1962)	76 53/64	(1951)
31 3/4	(806)	73 1/4	(1861)	72 53/64	(1850)
33 3/4	(857)	69 1/4	(1759)	68 53/64	(1748)
35 3/4	(908)	65 1/4	(1657)	64 53/64	(1647)
37 3/4	(959)	61 1/4	(1556)	60 53/64	(1545)
41 3/4	(1060)	61 1/4	(1556)	60 53/64	(1545)
45 3/4	(1162)	61 1/4	(1556)	60 53/64	(1545)

Egress Unit Minimum Opening and Conversion from Frame Size		
Desired Dimension	Formula	Minimum Value for Net Clear Opening
Egress Opening Width (inches)	= WINDH frame OSM width - 3.416	20 inches
Egress Opening Height (inches)	= (WINDH frame OSM height / 2) - 5.3282	24 inches
Egress Opening Area (sq. ft.)	= (Egress Width x Egress Height) / 144	5.7 sq. ft.



Minimum and Maximum Guidelines and Oversize Limits

Minimum and Maximum IO Opening Guidelines															
Unit Type	Sill Type	Min IO Width at Least		Min IO Height Must be at Least		Min IO Width at Least		Min IO Height Must be at Least		Max IO Width		Max IO Height		Max IO Area	
		in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	Sq. Ft	Sq. Mtrs
WINDH	Flat	13 3/4	(349)	32 1/32	(814)	17 3/4	(451)	24 1/32	(610)	44	(1118)	77 39/64	(1971)	23 45/64	(602)
	8°	13 3/4	(349)	31 19/32	(803)	17 3/4	(451)	23 39/64	(600)						
WINDHP	Flat	13 3/4	(349)	18 23/32	(475)	17 3/4	(451)	14 23/32	(374)	68	(1727)	77 39/64	(1971)	36 21/32	(931)
	8°	13 3/4	(349)	18 9/32	(465)	17 3/4	(451)	14 9/32	(363)						
WINDHT	Flat	13 3/4	(349)	17 1/2	(445)	17 3/4	(451)	13 1/2	(343)	44	(1118)	23 3/64	(585)	7 3/64	(179)
	8°	13 3/4	(349)	17 1/16	(434)	17 3/4	(451)	13 1/16	(332)						

NOTE: Some restrictions may apply, contact your Marvin representative with questions.

Oversize Limits						
Unit Type	Maximum IO Width		Maximum IO Height		Maximum IO Area	
	in	mm	in	mm	Sq Feet	Sq Meters
WINDH	48	(1219)	85 39/64	(2174)	23 45/64	2.203
WINDHP	68	(1727)	85 39/64	(2174)	40 7/16	3.756
WINDHT	48	(1219)	23 3/64	(585)	7 11/16	0.713

NOTE: Oversized width and height max for WINDH is available in either width or height but not both.

Oversized units are not certified.

Maximum Limits for CE Mark				
Unit Type	Maximum IO Width		Maximum IO Height	
	in	mm	in	mm
WINDH	(46)	(1168)	(80)	(2034)

Wood Ultimate Insert Double Hung



Certified Sizes and Ratings

Product	Air Tested to psf	Water Tested to psf	Structural Tested to psf	Certification Rating	Design Pressure (DP)	Overall Width		Overall Height	
						in	mm	in	mm
Wood Insert Double Hung	1.57	6	60	LC-PG40-H	40	35 3/8	(899)	81	(2057)
Wood Insert Double Hung	1.57	6	60	LC-PG40-H	40	45 3/8	(1153)	61	(1549)
Wood Insert Double Hung	1.57	6	45	LC-PG40-H	40	45 3/8	(1153)	81	(2057)
Wood Insert Double Hung 1 5/8" Picture	1.57	6	60	LC-PG40-FW	40	61 3/8	(1559)	57	(1448)
Wood Insert Double Hung 2" Picture	1.57	6	60	LC-PG40-FW	40	69 3/8	(1762)	81	(2057)
Wood Insert Double Hung Transom	1.57	6	60	LC-PG40-TR	40	73 3/8	(1864)	26 1/2	(673)

NOTE: For CE ratings, please refer to CE Performance Section.

Measurement Conversions: Operators

Wood Ultimate Insert Double Hung Operating Unit						
Unit Measurements		Width		Height		
From	To					
Daylight Opening		in	mm		in	mm
Daylight Opening	Bottom Sash OM	+ 3 17/32	(90)		+ 5 11/16	(144)
Daylight Opening	Top Sash OM	+ 3 17/32	(90)		+ 3 7/8	(98)
Daylight Opening	Glass OM	+ 1 1/16	(27)		+ 1 1/16	(27)
Daylight Opening	Screen OM	+ 4 13/32	(112)	(DLO x 2)	+ 9 9/32	(236)
Daylight Opening	Grille	order by DLO		order by DLO		

Wood Ultimate Insert Double Hung Operating Unit									
Unit Measurements		Width		Height					
From	To			Flat Bottom Sill			8 Degree Bottom Sill		
Inside Opening		in	mm	in	mm		in	mm	
Inside Opening	Bottom Sash OM	-3 9/32	(83)	-10 9/32	(261)	+ 2	-9 27/32	(250)	+ 2
				+ 5 11/16	(98)		+ 5 11/16	(98)	
Inside Opening	Top Sash OM	-3 9/32	(83)	-10 9/32	(261)	+ 2	-9 13/16	(249)	+ 2
				+ 3 7/8	(98)		+ 3 7/8	(98)	
Inside Opening	Daylight Opening	-6 13/16	(173)	-10 9/32	(261)	+ 2	-9 13/16	(249)	+ 2
Inside Opening	Glass OM	-5 3/4	(146)	-8 5/32	(207)	+ 2	-7 23/32	(196)	+ 2
Inside Opening	Screen OM	-1 27/32	(47)	-1	(25)		-9/16	(14)	
Inside Opening	Frame OM @ Interior	-3/8	(09)	-1/4	(06)		-1/4	(06)	
Inside Opening	Frame OM @ Exterior	-3/8	(09)	-1/4	(06)		+ 3/16	(05)	

Wood Ultimate Insert Double Hung



Measurement Conversions: Transom and Picture

Wood Ultimate Insert Double Hung Transoms					
Unit Measurements		Width		Height (not affected by sill)	
From	To				
Daylight Opening		in	mm	in	mm
Daylight Opening	Sash OM	+ 3 17/32	(90)	+ 4 11/32	(110)
Daylight Opening	Glass OM	+ 1 1/16	(27)	+ 1 1/16	(27)
Daylight Opening	Grille	order by DLO		order by DLO	

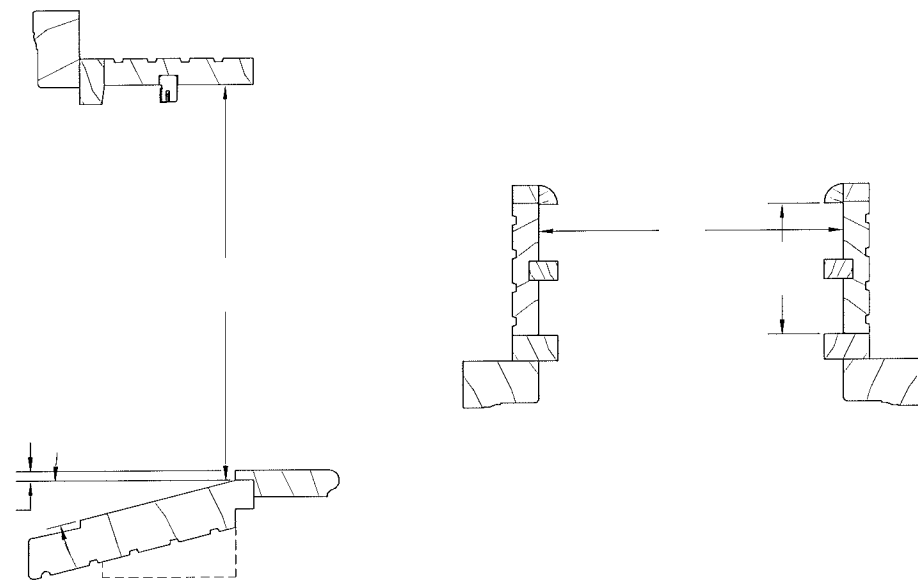
Unit Measurements		Width		Height			
From	To			Flat Sill Bottom		8 Degree Sill Bottom	
Inside Opening		in	mm	in	mm	in	mm
Inside Opening	Sash OM	-3 9/32	(83)	-2 11/32	(60)	-1 29/32	(48)
Inside Opening	Daylight Opening	-6 13/16	(173)	-6 11/16	(170)	-6 1/4	(159)
Inside Opening	Glass OM	-5 3/4	(146)	-5 5/8	(143)	-5 3/16	(132)
Inside Opening	Frame OM @ Interior	-3/8	(09)	-1/4	(06)	-1/4	(06)
Inside Opening	Frame OM @ Exterior	-3/8	(09)	-1/4	(06)	+ 3/16	(05)

Wood Ultimate Insert Double Hung Picture					
Unit Measurements		Width		Height (not affected by sill type)	
From	To				
Daylight Opening		in	mm	in	mm
Daylight Opening	Sash OM	+ 4 7/8	(124)	+ 5 21/32	(144)
Daylight Opening	Glass OM	+ 1 3/16	(30)	+ 1 3/16	(30)
Daylight Opening	Grille	order by DLO		order by DLO	

Unit Measurements		Width		Height			
From	To			Flat Sill Bottom		8 Degree Sill Bottom	
Inside Opening		in	mm	in	mm	in	mm
Inside Opening	OM of BMC	-1 15/16	(49)	-2 1/4	(57)	-1 13/16	(46)
Inside Opening	OM of Flat Casing	-6 13/16	(173)	-7 29/32	(201)	-7 15/32	(190)
Inside Opening	Daylight Opening	-5 5/8	(143)	-6 23/32	(171)	-6 9/32	(160)
Inside Opening	OM of Frame	-3/8	(09)	-1/4	(06)	-1/4	(06)
Inside Opening	Daylight Opening	-3/8	(09)	-1/4	(06)	+ 3/16	(05)

Measurement Conversions: Field Measurement

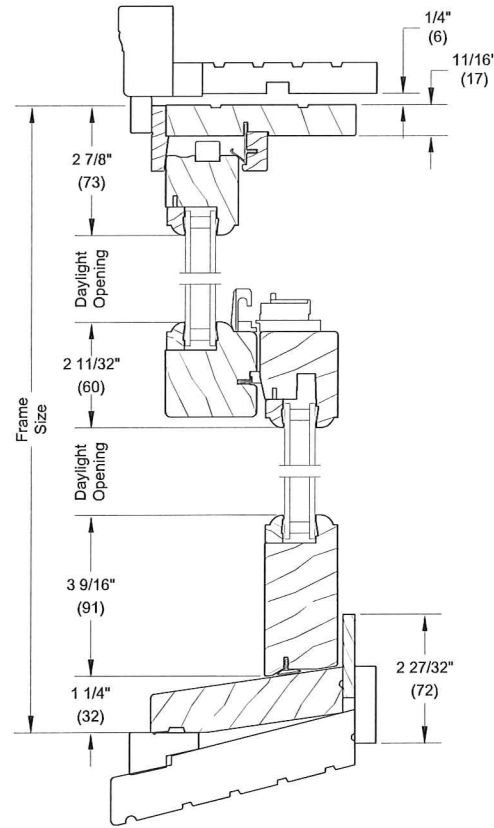
Conversion from Field Measurement to Frame OM		
Width		
Condition	Formula	
If blind stop width is 1/2 inch or less	WINDH frame OM width = inside opening width - 0.375	
Height		
Condition	Type of Sill	Formula
If old sill angle is less than 8 degrees	Flat bottom Sill	WINDH frame OM height = inside opening height - 0.250
If old sill angle is equal to or greater than 8 degrees	8 degree bottom sill	WINDH frame OM height = inside opening height + 0.180



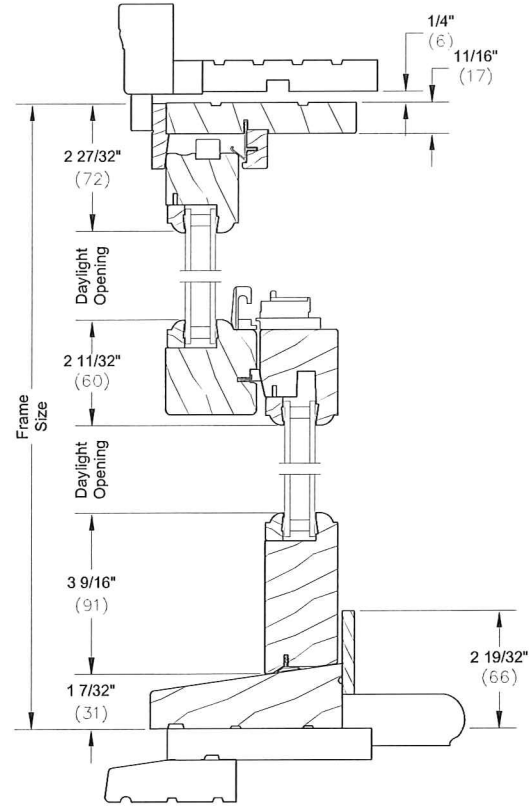
NOTE: For additional measuring instructions see Marvin Insert Window Measuring Instructions.

Section Details: Operator

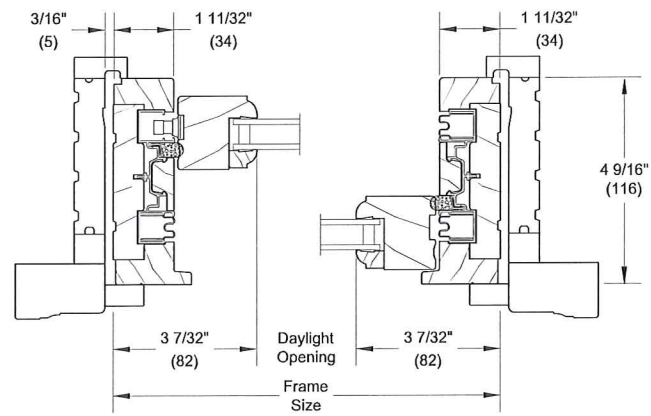
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Head Jamb, Checkrail, with Beveled Sill installed in existing frame



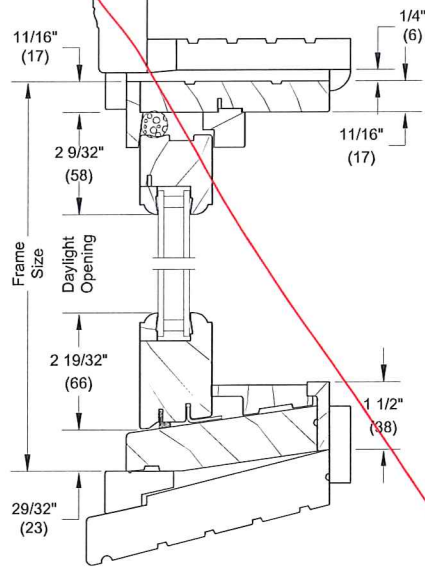
Head Jamb, Checkrail, with Flat Sill Option installed in existing frame



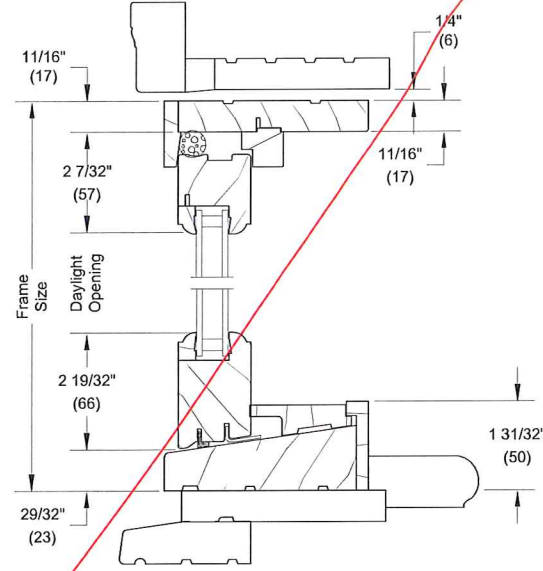
Jambs installed in existing frame

Section Details: Transom

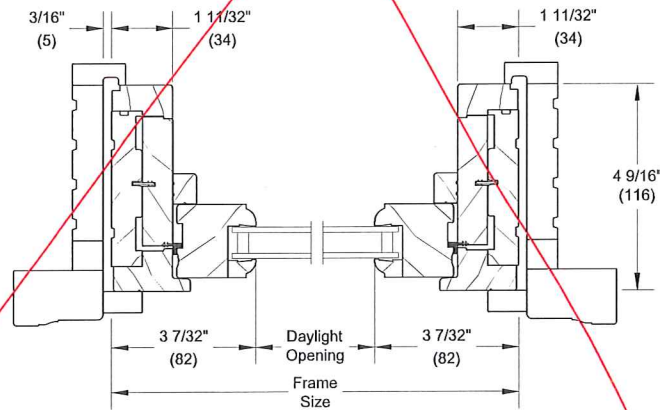
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Transom Head Jamb with Beveled Sill installed in existing frame



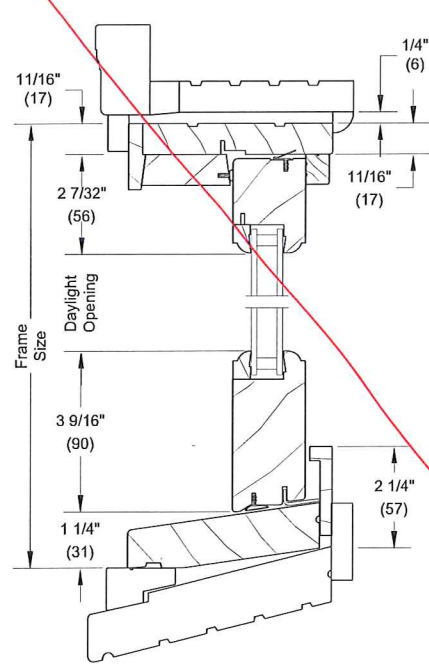
Transom Head Jamb with Flat Sill Option installed in existing frame



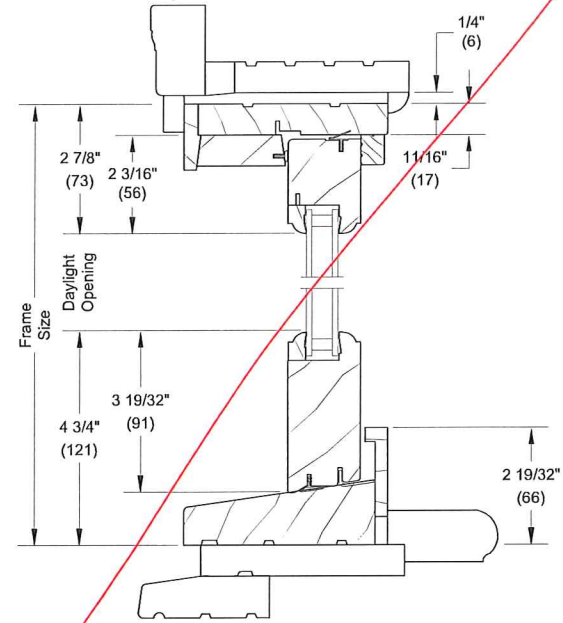
Transom Jambs installed in existing frame

Section Details: Picture

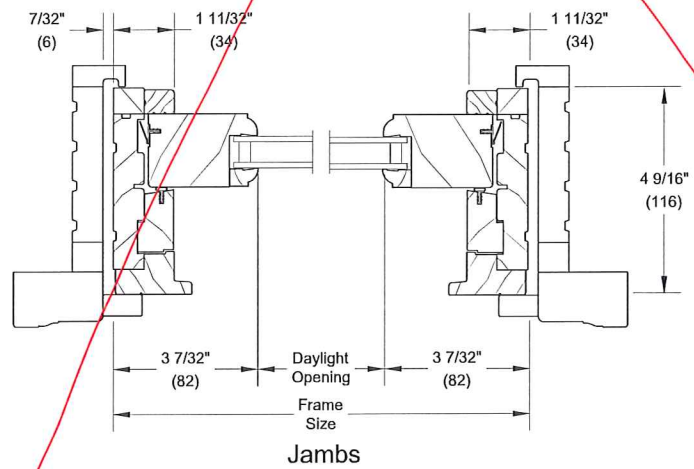
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Picture Head Jamb with Beveled Sill installed in existing frame



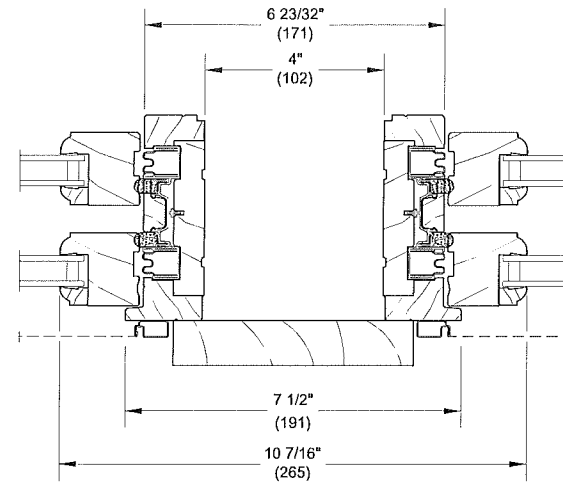
Picture Head Jamb with Flat Sill Option installed in existing frame



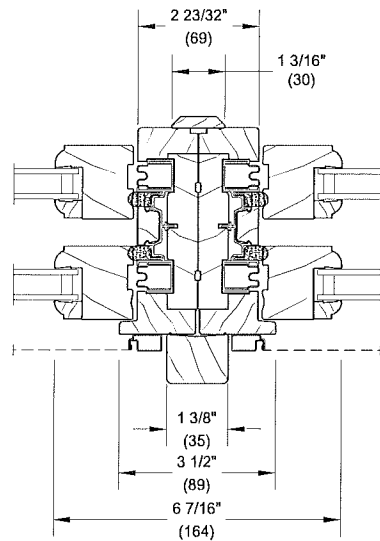
Jamb

Section Details: Mullions

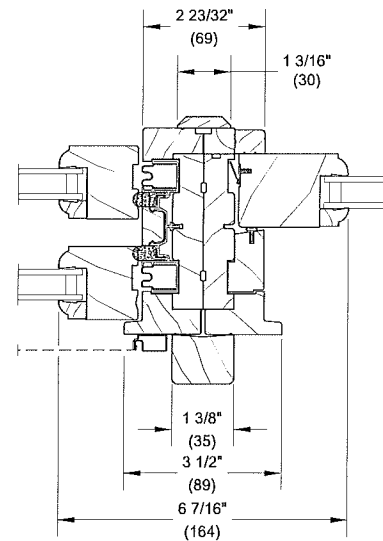
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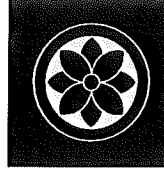
Vertical Mullion - with 4" Space Mull
Operator/Operator



Vertical Mullion
Operator/Operator/Direct Mull



Vertical Mullion
Operator/Picture/Direct Mull



MARLBOROUGH APARTMENTS
 910 Marlborough Street
 Detroit, Michigan
 SHELBORNE DEVELOPMENT

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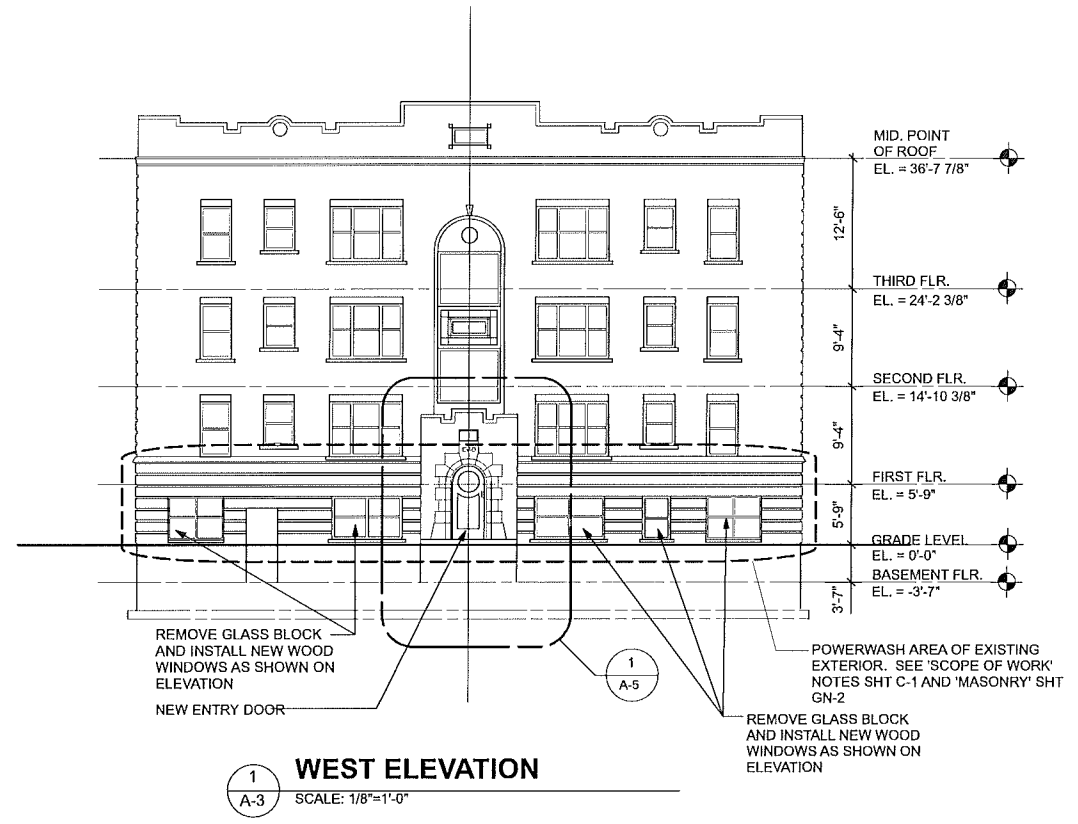
Elevations

Issued For:	
Permits:	
REVISED:	#75317

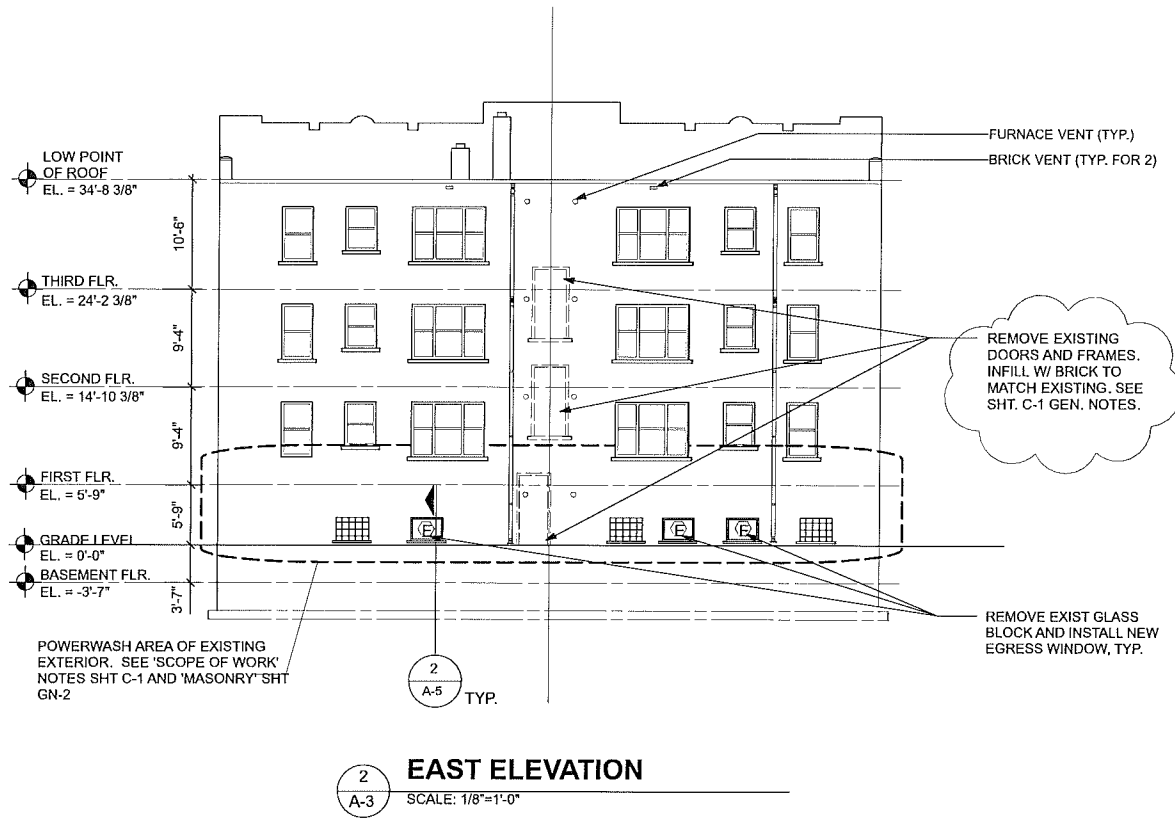
Checked:	
Approved:	
Project:	
Sheet:	
Date:	



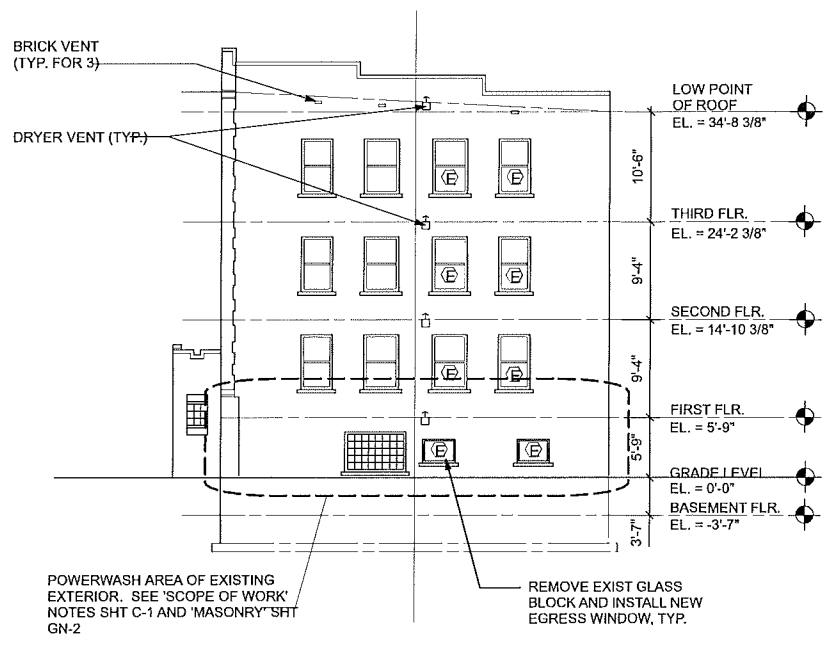
615 GRISWOLD STE. 1710
 DETROIT, MI. 48226
 313.963.6687
 archiveds.com
 SHEET NUMBER:



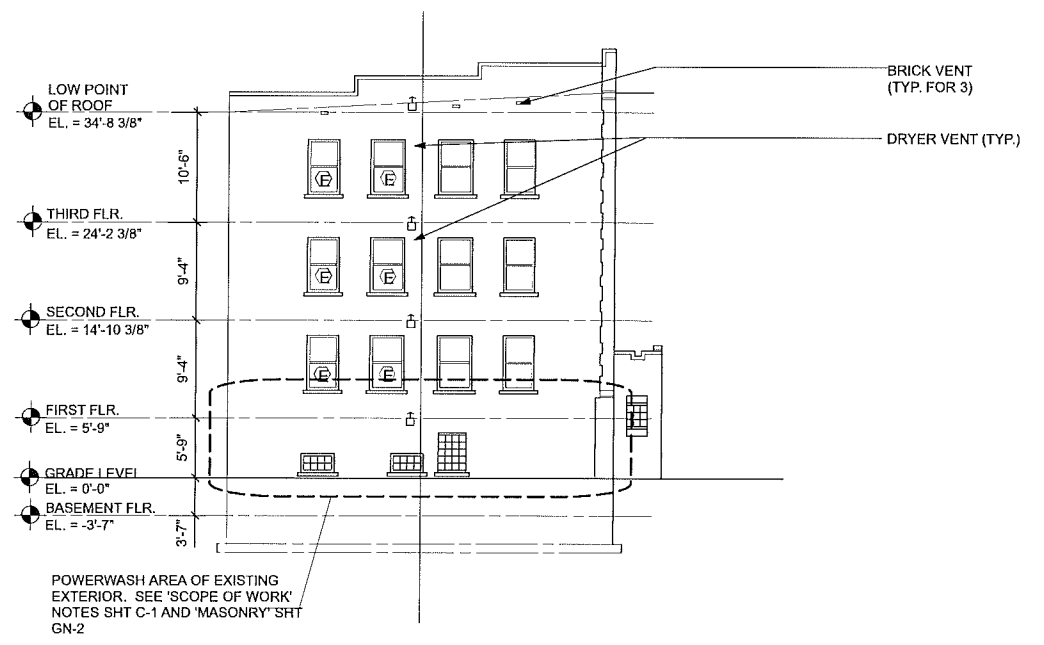
1 WEST ELEVATION
 SCALE: 1/8"=1'-0"



2 EAST ELEVATION
 SCALE: 1/8"=1'-0"



3 SOUTH ELEVATION
 SCALE: 1/8"=1'-0"



4 NORTH ELEVATION
 SCALE: 1/8"=1'-0"

Ⓔ = EGRESS WINDOW

NOTE: SEE SHT. C-1 FOR EXTERIOR RENOVATION NOTES.