



**BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 372-6339**

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buldingcode

**Jeld-Wen, Inc.
3737 Lakeport Blvd.
Klamath Falls, OR 97601**

SCOPE: This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "Custom Collection In-Sash" Wood Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **07-JWN-0008**, titled "Custom Collection In-Sash Picture Window – Large Missile Impact Resistant", sheets 1 through 8 of 8, dated 01/08/08 and revised on 01/13/09, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name:

Jeld-Wen, Inc.	Jeld-Wen, Inc.	and the following statement:
355 Center Court	62845 Boyd Acres Rd.	"Miami-Dade County Product Control Approved".
Venice, Florida 34285	Bend, Oregon 97701	

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA revises **NOA # 08-0123.05** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



[Handwritten Signature]
2/4/09

**NOA No. 09-0121.17
Expiration Date: March 27, 2013
Approval Date: February 25, 2009
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **07-JWN-0008**, Sheets 1 through 8 of 8, titled "Custom Collection In-Sash Picture Window – Large Missile Impact Resistant", dated 01/08/08, with last revision on 01/13/09, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E.

B. TESTS "Submitted under NOA # 08-0123.05"

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of Jeld-Wen Custom Collection Casement In-Sash Picture Windows, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-110-10771-1**, dated 08/06/07, revised on 01/09/08, signed and sealed by Harold E. Rupp, P.E.

C. CALCULATIONS "Submitted under NOA # 08-0123.05"

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Engineering Express, dated 1/9/08, signed and sealed by Frank L. Bennardo, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

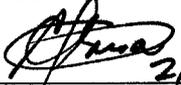
1. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont SentryGlas ® Plus**" dated 01/03/08, expiring on 01/14/12.

F. STATEMENTS

1. Statement letter of conformance to 2007 FBC, issued by Engineering Express, dated January 13, 2009, signed and sealed by Frank L. Bennardo, P.E.
"Submitted under NOA # 08-0123.05"
2. Statement letter of no financial interest, dated January 17, 2008, signed and sealed by Frank L. Bennardo, P.E.
3. Statement letter of conformance, dated January 17, 2008, signed and sealed by Frank L. Bennardo, P.E.

G. OTHER

1. Notice of Acceptance No. **08-0123.05**, issued to Jeld-Wen, Inc., approved on March 27, 2008 and expiring on March 27, 2013.


2/4/09

Carlos M. Utreña, P.E.
Product Control Examiner
NOA No. 09-0121.17

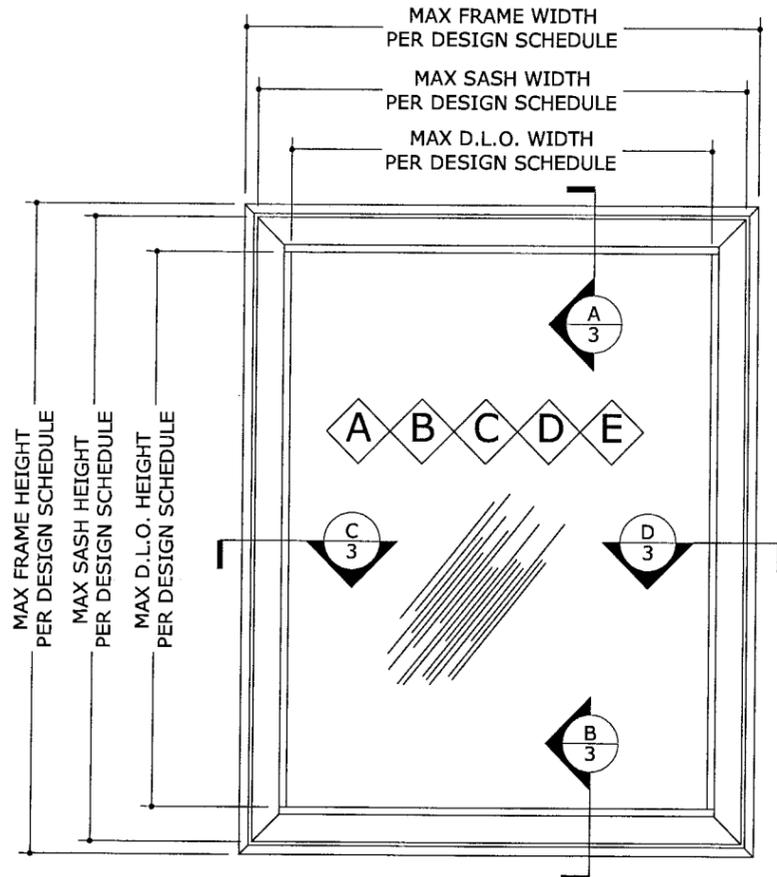
Expiration Date: March 27, 2013
Approval Date: February 25, 2009

CUSTOM COLLECTION IN-SASH PICTURE WINDOW

LARGE MISSILE IMPACT RESISTANT

FRANK L. BENNARDO, P.E.
PE0046549

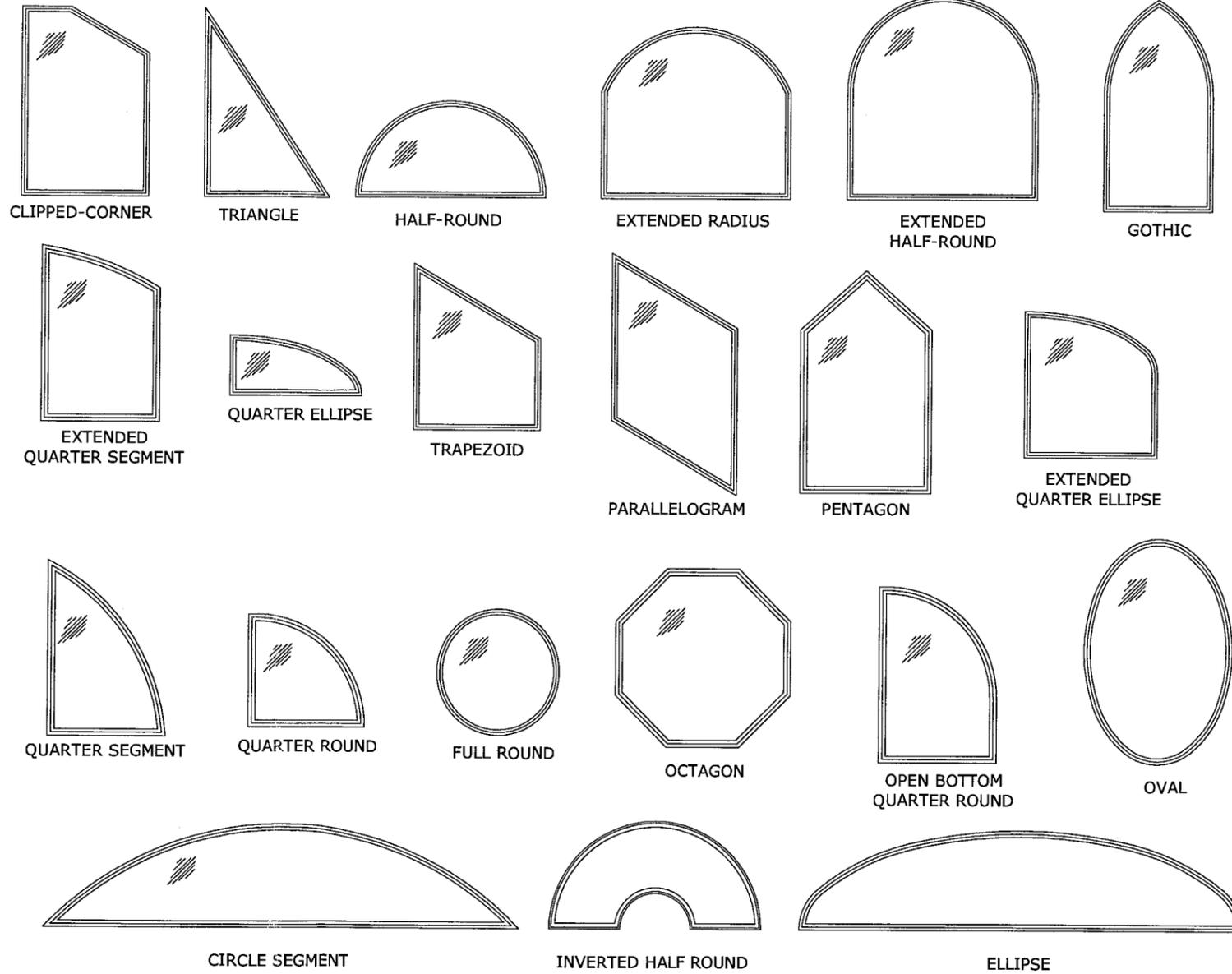
01/13/2009



NOTE: MAXIMUM FRAME DIMENSIONS DO NOT INCLUDE INTEGRAL NAILING FIN.



APPROVED SHAPES:



SHAPED UNIT NOTES:

1. UNITS OF ANY SHAPE ARE ALLOWED PROVIDED CONSTRUCTION, GLAZING AND ANCHORAGE ARE PER DETAILS SHOWN HEREIN.
2. ALL SHAPED UNITS SHALL FIT WITHIN THE RECTANGULAR DIMENSIONS SHOWN IN THE DESIGN SCHEDULE.

GENERAL NOTES

1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE 2007 FLORIDA BUILDING CODE, FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE, PER TAS 201 / 202 / 203 & ASTM E1300-02 STANDARDS.
2. NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
3. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE.
4. THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
5. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
6. ALL WOOD COMPONENTS OF THIS PRODUCT SHALL BE PRESSURE TREATED WESTERN PINE OR WESTERN WOODS WITH G=0.36 OR GREATER DENSITY, UNLESS NOTED OTHERWISE.
7. ALL GLAZING TYPES SHOWN HEREIN ARE LARGE MISSILE IMPACT RESISTANT AND DO NOT REQUIRE IMPACT RESISTANT SHUTTERS.
8. PLASTIC COMPONENTS USED WITHIN THE HVHZ MUST MEET ALL APPLICABLE FIRE/SMOKE/UV PERFORMANCE REQUIREMENTS AS SET FORTH IN THE ABOVE-NOTED BUILDING CODE.
9. ALL STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED OR PLATED AS PRESCRIBED IN THE ABOVE-NOTED BUILDING CODE.

ENGINEERING EXPRESS

160 SW 12th AVENUE, # 106
DEERFIELD BEACH, FL 33442
Ph: (954) 354-0660 Fax: (954) 354-0443
WWW.ENGEXP.COM

CERT OF AUTH #9885
A FRANK L. BENNARDO, P.E., INC. INNOVATION

JELBOWEN

3737 LAKEPORT BOULEVARD
KLAMATH FALLS, OREGON 97601
PHONE: (541) 850 - 2606

CUSTOM COLLECTION IN-SASH PICTURE WINDOW
LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	KL	CL	01/08/08
BCCO COMMENTS	KL	CL	03/04/08
2007 FBC	RKB	CL	01/13/09

07-JWN-0008

SCALE: 1/2" = 1'-0"

PAGE DESCRIPTION: 02

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 09-0121-17
Expiration Date 03/27/2013
By *[Signature]*
Miami Dade Product Control
Division

01/13/2009

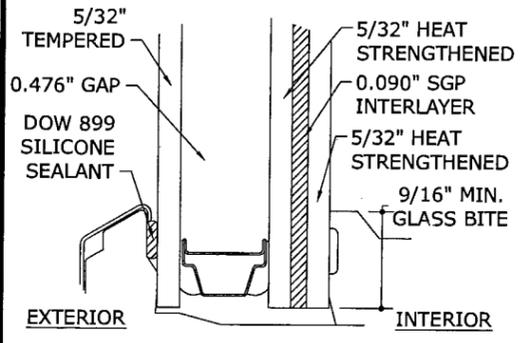
DESIGN SCHEDULE

FRAME HEIGHT	SASH HEIGHT	D.L.O. HEIGHT	GLAZING TYPE	18"	20"	24"	28"	30"	32"	36"	40"	42"	48"	54"	56"	60"	FRAME WIDTH								
				16-1/8"	18-1/8"	22-1/8"	26-1/8"	28-1/8"	30-1/8"	34-1/8"	38-1/8"	40-1/8"	46-1/8"	52-1/8"	54-1/8"	58-1/8"	SASH WIDTH								
				13"	15"	19"	23"	25"	27"	31"	35"	37"	43"	49"	51"	55"	D.L.O. WIDTH								
18"	16"	12-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)								
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95		+90/-95							
20"	18"	14-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75		MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)							
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95			+90/-95						
24"	22"	18-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75			MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)						
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95				+90/-95					
30"	28"	24-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75				MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)					
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95					+90/-95				
32"	30"	26-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75					MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)				
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95						+90/-95			
36"	34"	30-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75						MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)			
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95							+90/-95		
40"	38"	34-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75							MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)		
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95								+90/-95	
42"	40"	36-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75								MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)	
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95									+90/-95
48"	46"	42-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75									MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95									
54"	52"	48-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)								
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95									
56"	54"	50-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75		MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)							
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95									
60"	58"	54-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75			MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)						
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95									
64"	62"	58-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75				MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)					
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95									
66"	64"	60-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75					MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)				
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95									
72"	70"	66-1/2"	A, B	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75	+75/-75						MAXIMUM ALLOWABLE DESIGN PRESSURES (PSF)			
			C, D, E	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95	+90/-95									

/// DENOTES CONFIGURATIONS NOT APPROVED FOR USE.

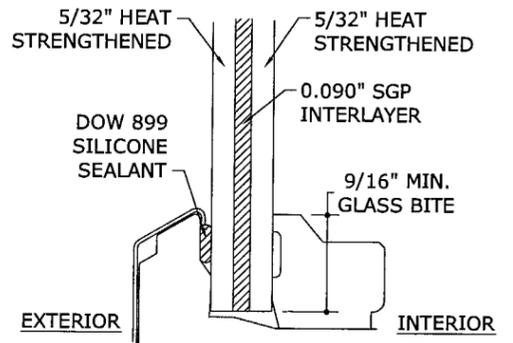
GLAZING TYPE A

1.034" INSULATED LAMINATED, LMI LAMINATED BY CARDINAL



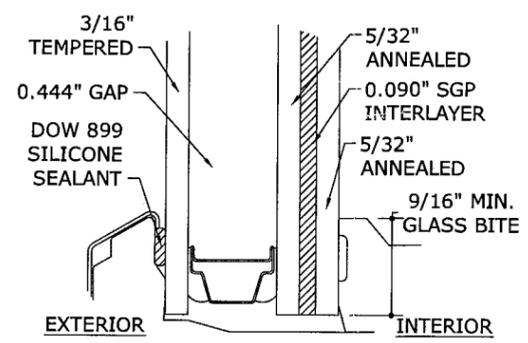
GLAZING TYPE B

0.402" LAMINATED, LMI LAMINATED BY CARDINAL



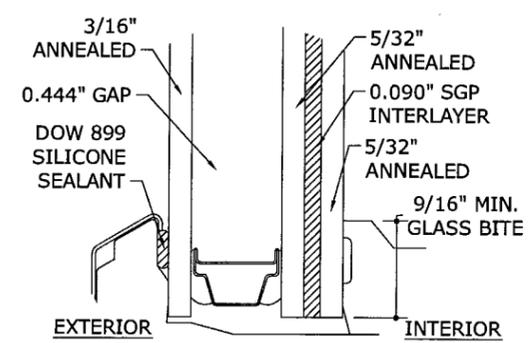
GLAZING TYPE C

1.034" INSULATED LAMINATED, LMI LAMINATED BY CARDINAL



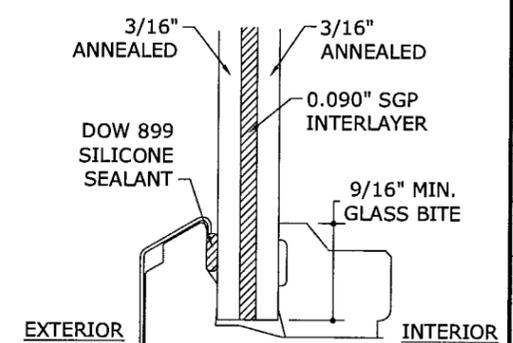
GLAZING TYPE* D

1.034" INSULATED LAMINATED, LMI LAMINATED BY CARDINAL



GLAZING TYPE E

0.466" LAMINATED, LMI LAMINATED BY CARDINAL



*NOTE: FOR USE UP TO 30 FT ABOVE GRADE FOR THIS GLASS TYPE

2 GLAZING DETAILS

1 N.T.S. VERT SECTION

ENGINEERING EXPRESS
160 SW 12th AVENUE, #106
DEERFIELD BEACH, FL 33442
Ph: (954) 354-0660 Fax: (954) 354-0443
WWW.ENGEXP.COM
CERT. OF AUTH. #9885
A FRANK L. BENNARDO, P.E., INC. INNOVATION

JELD-WEN
3737 LAKEPORT BOULEVARD
KLAMATH FALLS, OREGON 97601
PHONE: (541) 850 - 2606
CUSTOM COLLECTION IN-SASH PICTURE WINDOW
LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	INIT	ISSUE	DATE
BCCO COMMENTS	KL	01/08/08	
2007 FBC	RKB	03/04/08	
		01/13/09	

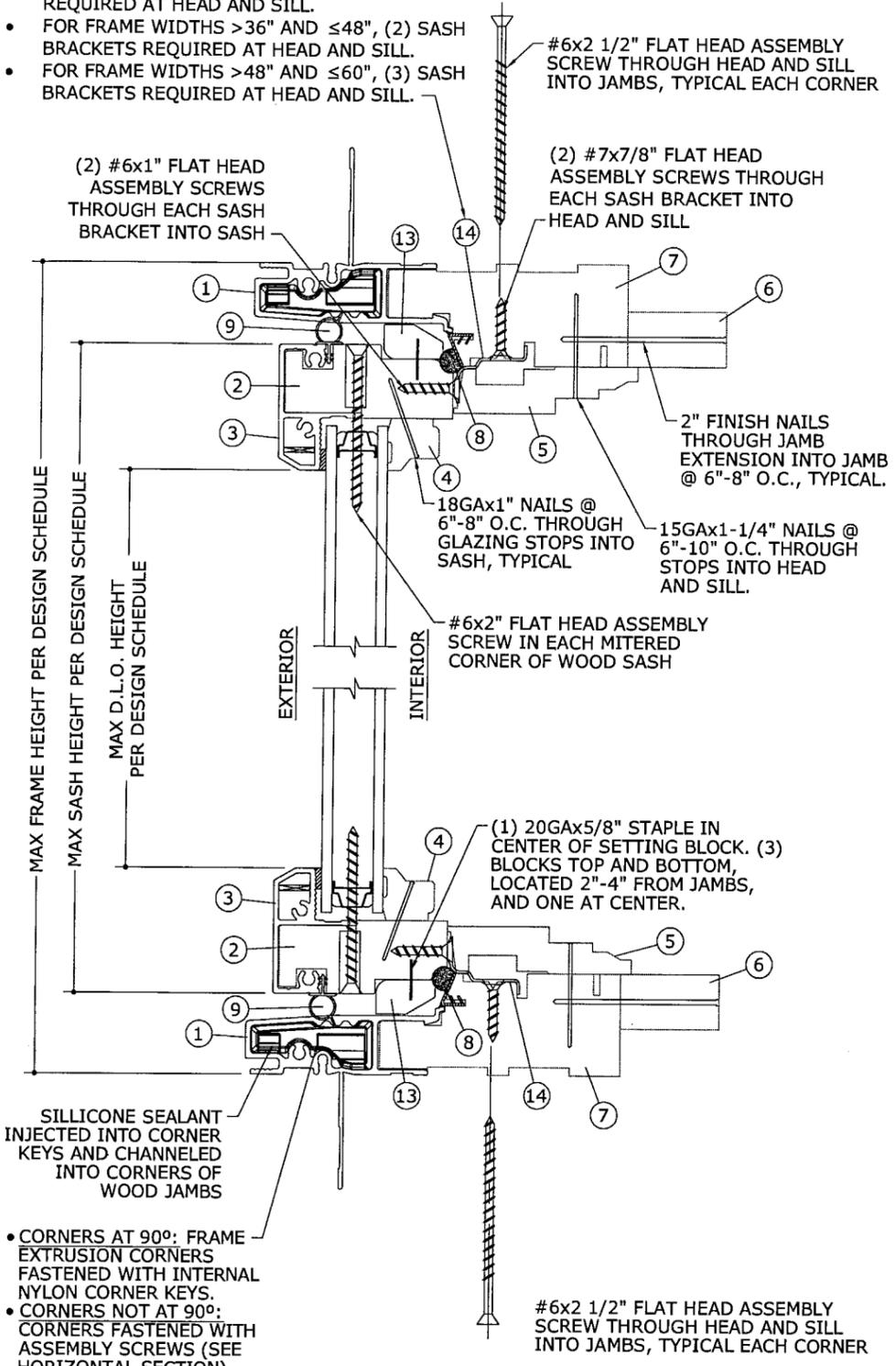
07-JWN-0008
SCALE: 1/2"
PAGE DESCRIPTION:
PRODUCT REVISED as complying with the Florida Building Code Acceptance No 09-0121.17 Expiration Date 03/27/2013
By: [Signature]
Miami Dade Product Control Division

F:\01 Project Files\Jeld-Wen (JWN)\20070707-JWN-0008 Custom Wood - Insash Casement, Fixed, LMI (NOA)\07-JWN-0008_02a Custom Wood - In-Sash Casement, Picture, LMI (NOA).dwg
01/13/2009 - 3:33pm
rhartlett

A TYPICAL HEAD ASSEMBLY
3 N.T.S. VERT SECTION

SASH BRACKETS EQUALLY SPACED ALONG HEAD AND SILL:

- FOR FRAME WIDTHS $\leq 36"$, (1) SASH BRACKET REQUIRED AT HEAD AND SILL.
- FOR FRAME WIDTHS $> 36"$ AND $\leq 48"$, (2) SASH BRACKETS REQUIRED AT HEAD AND SILL.
- FOR FRAME WIDTHS $> 48"$ AND $\leq 60"$, (3) SASH BRACKETS REQUIRED AT HEAD AND SILL.



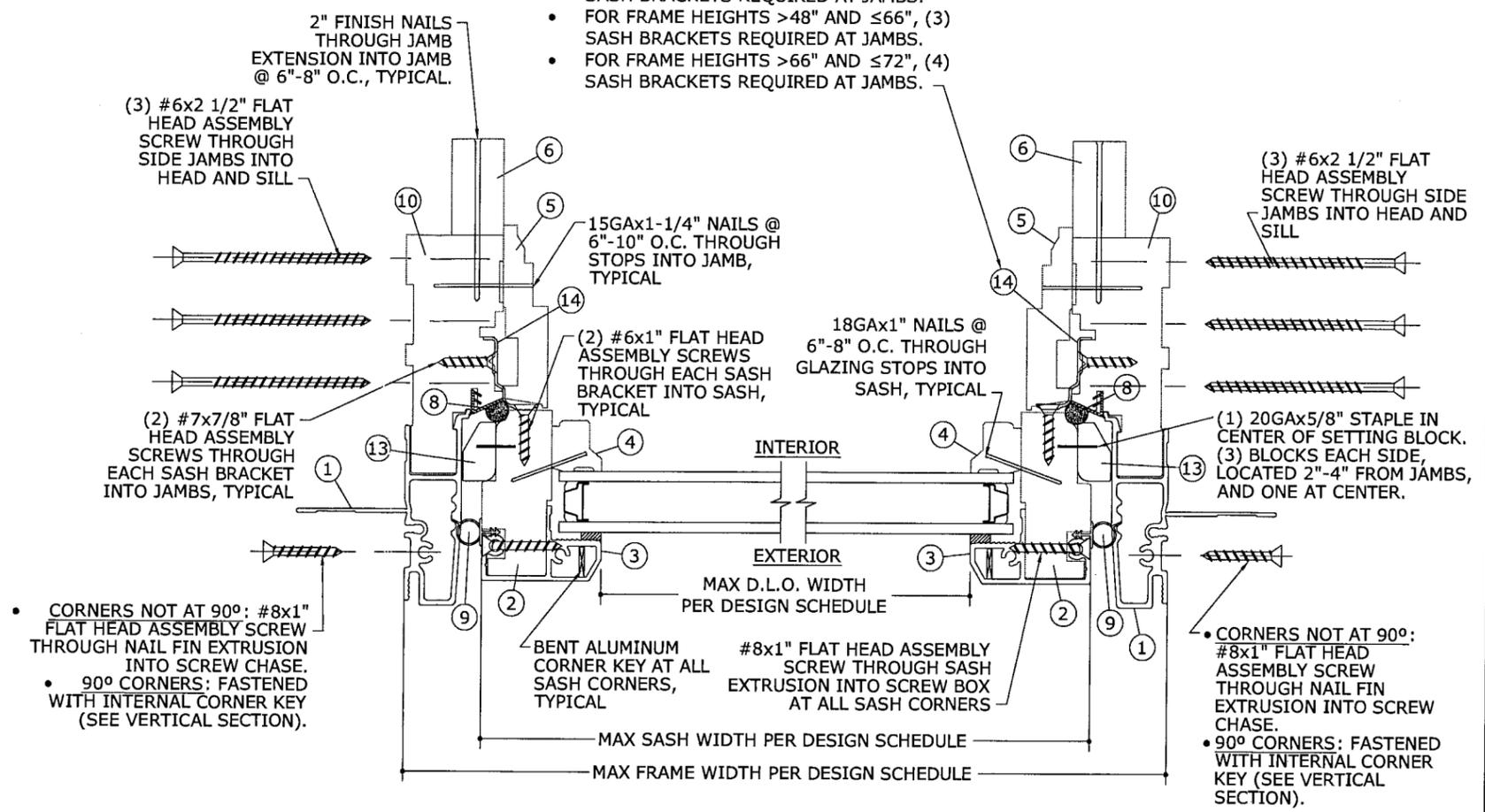
- CORNERS AT 90°: FRAME EXTRUSION CORNERS FASTENED WITH INTERNAL NYLON CORNER KEYS.
- CORNERS NOT AT 90°: CORNERS FASTENED WITH ASSEMBLY SCREWS (SEE HORIZONTAL SECTION)

#6x2 1/2" FLAT HEAD ASSEMBLY SCREW THROUGH HEAD AND SILL INTO JAMBS, TYPICAL EACH CORNER

B TYPICAL SILL ASSEMBLY
3 N.T.S. VERT SECTION

SASH BRACKETS EQUALLY SPACED ALONG FRAME JAMB:

- FOR FRAME HEIGHTS $\leq 36"$, (1) SASH BRACKET REQUIRED AT JAMBS.
- FOR FRAME HEIGHTS $> 36"$ AND $\leq 48"$, (2) SASH BRACKETS REQUIRED AT JAMBS.
- FOR FRAME HEIGHTS $> 48"$ AND $\leq 66"$, (3) SASH BRACKETS REQUIRED AT JAMBS.
- FOR FRAME HEIGHTS $> 66"$ AND $\leq 72"$, (4) SASH BRACKETS REQUIRED AT JAMBS.



- CORNERS NOT AT 90°: #8x1" FLAT HEAD ASSEMBLY SCREW THROUGH NAIL FIN EXTRUSION INTO SCREW CHASE.
- 90° CORNERS: FASTENED WITH INTERNAL CORNER KEY (SEE VERTICAL SECTION).

- CORNERS NOT AT 90°: #8x1" FLAT HEAD ASSEMBLY SCREW THROUGH NAIL FIN EXTRUSION INTO SCREW CHASE.
- 90° CORNERS: FASTENED WITH INTERNAL CORNER KEY (SEE VERTICAL SECTION).

C TYPICAL JAMB ASSEMBLY
3 N.T.S. HORIZ SECTION

D TYPICAL JAMB ASSEMBLY
3 N.T.S. HORIZ SECTION

FRANK L. BENNARDO, P.E.
PE0046549

01/13/2009

ENGINEERING EXPRESS

160 SW 12th AVENUE, #106
DEERFIELD BEACH, FL 33442
Ph: (954) 354-0660 Fax: (954) 354-0443
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JELD-WEN

3737 LAKEPORT BOULEVARD
KLAMATH FALLS, OREGON 97601
PHONE: (541) 850 - 2606

CUSTOM COLLECTION IN-SASH PICTURE WINDOW
LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	KL	CL	01/08/08
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2007 FBC	RKB	CL	01/13/09

07-JWN-0008

SCALE: 1/2"

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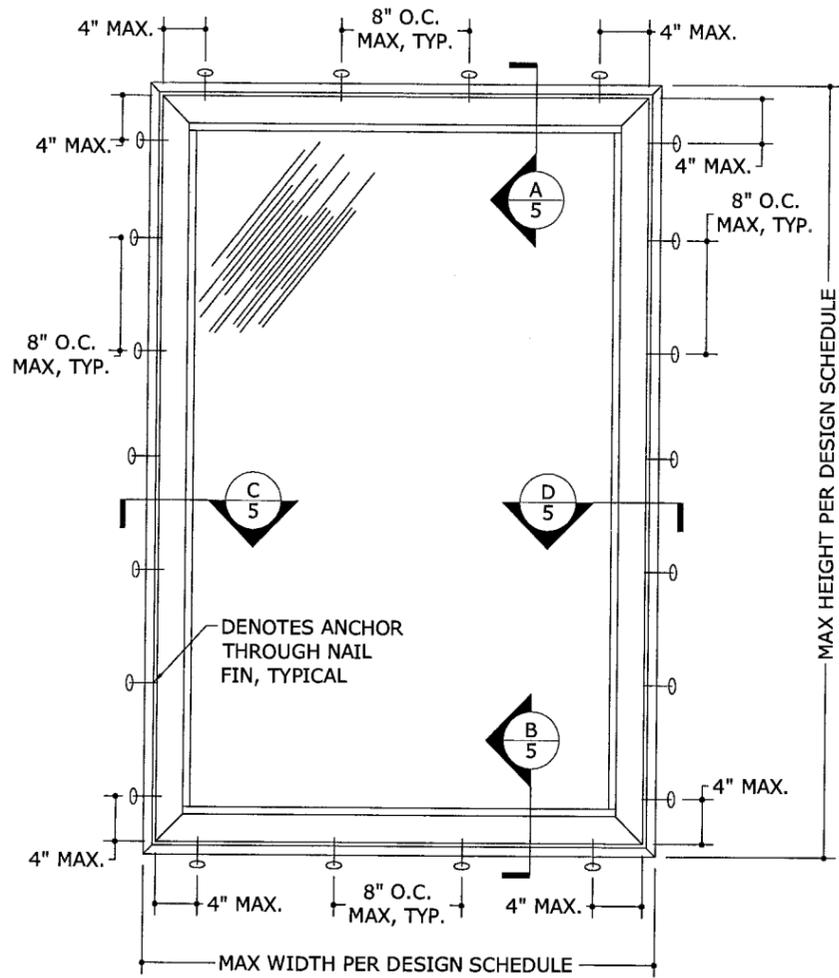
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 09-0121.17 Expiration Date 03/22/2013

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Miami Dade Product Control Division

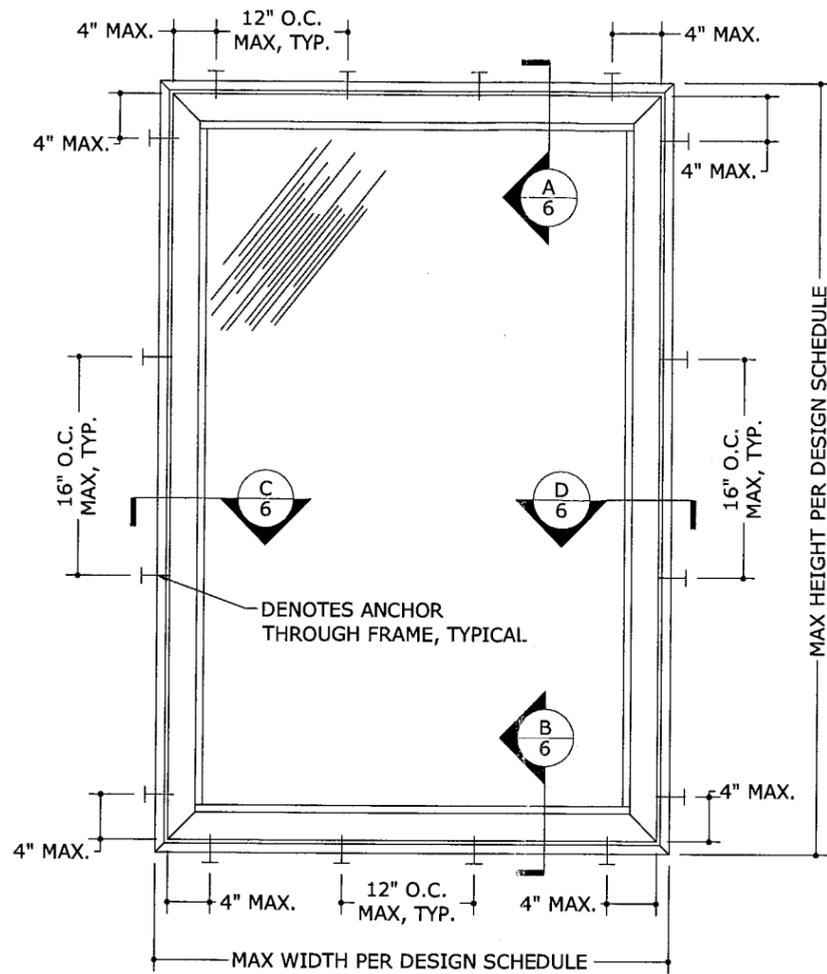
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rbarlett

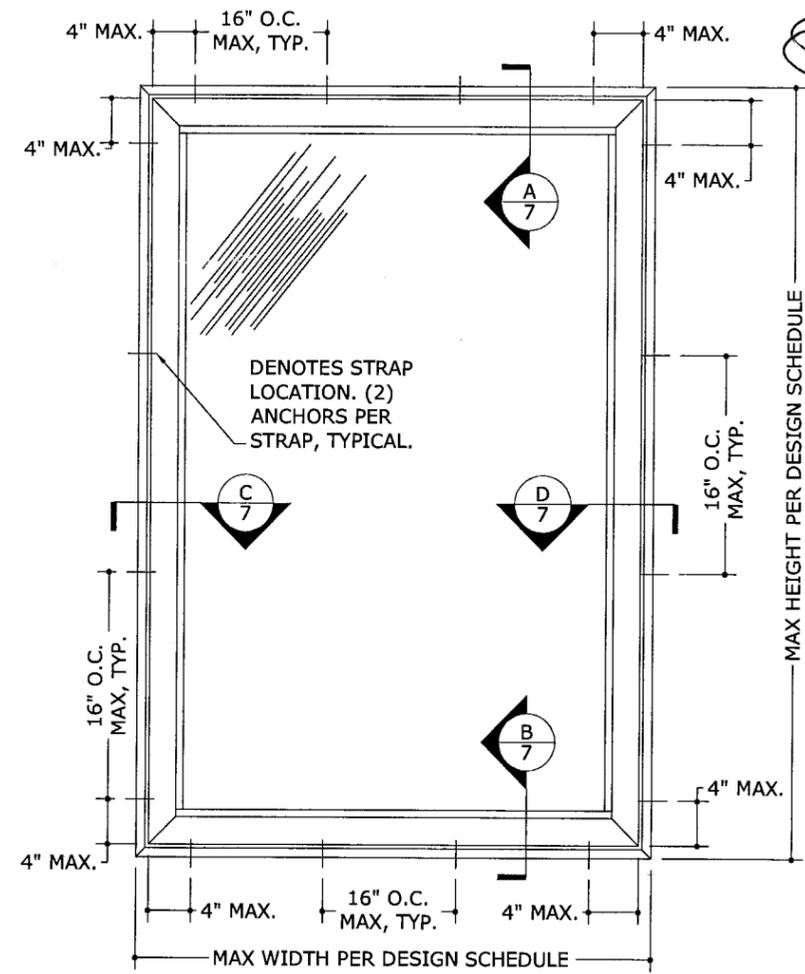
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1
4 ANCHOR ELEVATION FOR INSTALLATION WITH NAIL FIN
N.T.S. EXTERIOR ELEV



2
4 ANCHOR ELEVATION FOR INSTALLATION THROUGH FRAME
N.T.S. EXTERIOR ELEV



3
4 ANCHOR ELEVATION FOR INSTALLATION WITH STRAP
N.T.S. EXTERIOR ELEV

ANCHOR SCHEDULE:

TO HOLLOW BLOCK OR 3192 PSI MIN CONCRETE HOST STRUCTURE:

- 1/4" TAPCONS (ELCO OR ITW) THRU 1X OR 2X WOOD BUCKS OR DIRECTLY INTO MASONRY / CONCRETE WITH 1-3/4" MIN. EMBEDMENT.

TO WOOD BUCK OR HOST STRUCTURE (G=0.55 MIN WOOD):

- 1/4" TAPCONS (ELCO OR ITW) WITH 1-1/2" MIN. THREAD PENETRATION.
- #14 WOOD SCREWS WITH 1-1/2" MIN. THREAD PENETRATION.
- 1/4" LAG SCREWS WITH 1-1/2" MIN. THREAD PENETRATION.

ANCHOR NOTES:

1. SEE ANCHOR ELEVATIONS FOR ANCHOR LOCATIONS AND/OR SPACING.
2. ANCHORAGE METHODS, INCLUDING ANCHOR TYPES AND MAXIMUM SPACING, ARE APPLICABLE TO ALL SHAPED UNITS SHOWN ON SHEET 1.
3. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
4. TAPCONS MAY BE MANUFACTURED BY ELCO OR ITW.
5. ENSURE MINIMUM 2-1/2" EDGE DISTANCE FOR ALL ANCHORS INTO CONCRETE AND INTO HOLLOW BLOCK.
6. WHERE ANCHORS FASTEN TO NARROW FACE OF STUD FRAMING, ANCHOR SHALL BE LOCATED IN CENTER OF NOMINAL 2x (MIN) WOOD STUD (i.e. 3/4" EDGE DISTANCE IS ACCEPTABLE FOR ANCHORS TO WOOD FRAMING).
7. WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
8. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
9. ANCHOR SCHEDULE APPLIES TO ALL PRODUCTS CERTIFIED HEREIN.
10. WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
11. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.

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FRANK L. BENNARDO, P.E.
PE0046549

01/13/2009



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3737 LAKEPORT BOULEVARD
KLAMATH FALLS, OREGON 97601
PHONE: (541) 850 - 2606

CUSTOM COLLECTION IN-SASH PICTURE WINDOW
LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	KL	CL	01/08/08
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2007 FBC	RKB	CL	01/13/09

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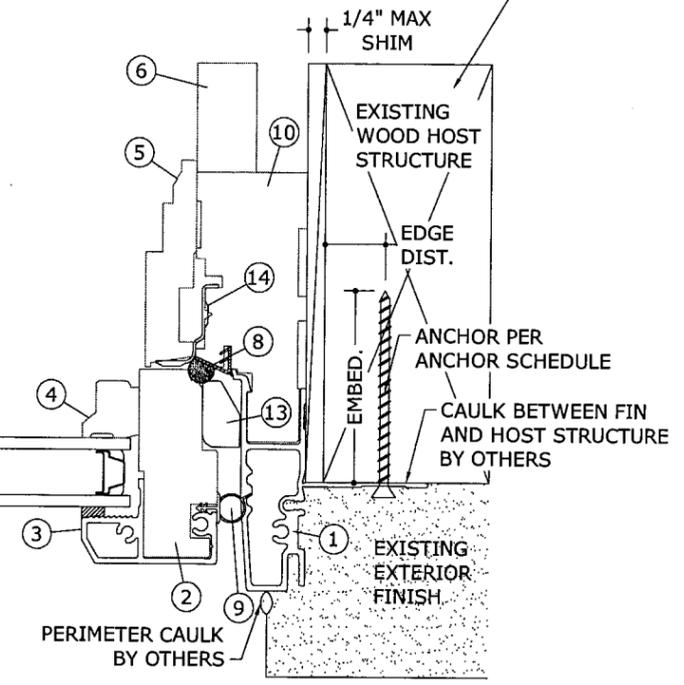
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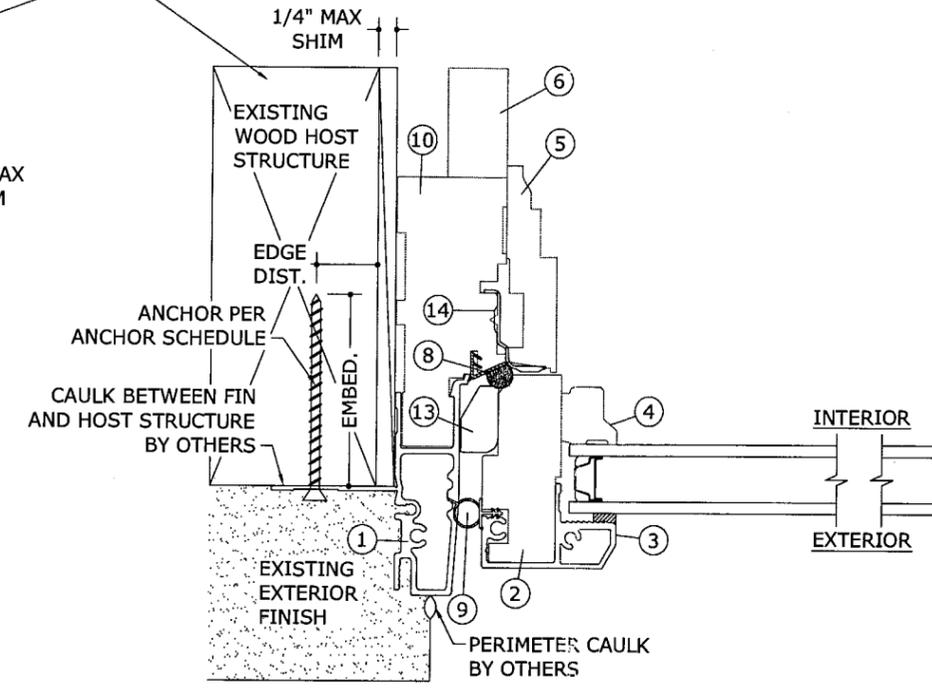
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NOTE: NAIL FIN INSTALLATION REQUIRES
MINIMUM 2X OR GREATER PRESSURE
TREATED WOOD BUCK (BY OTHERS) IN
CONCRETE AND MASONRY HOST STRUCTURE.



D
5 N.T.S. HORIZ SECTION

NOTE: NAIL FIN INSTALLATION REQUIRES
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TREATED WOOD BUCK (BY OTHERS) IN
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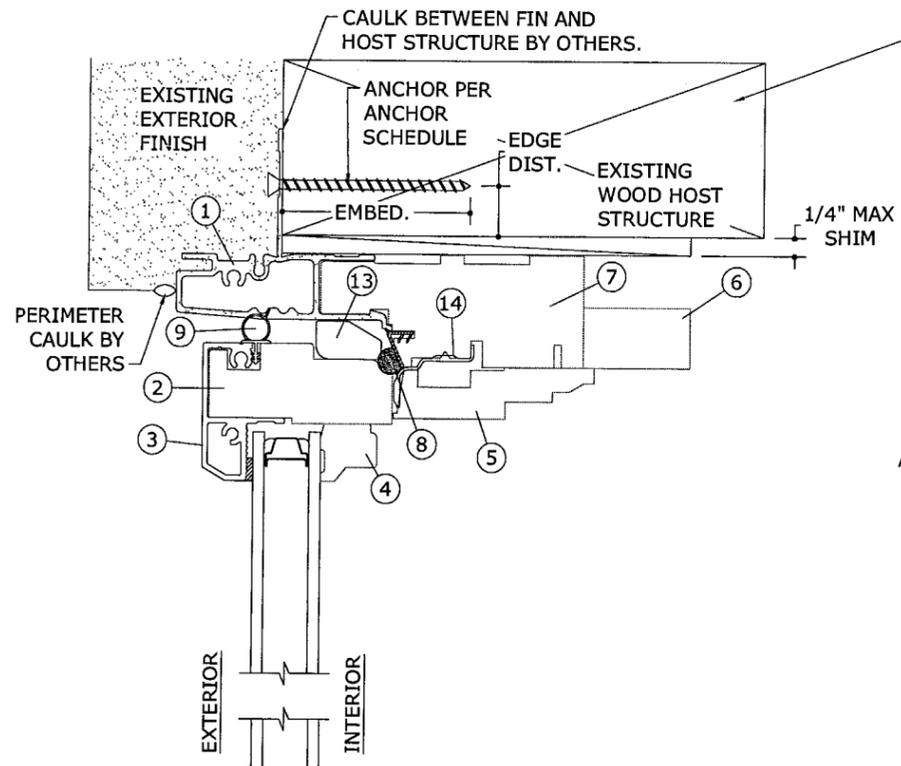


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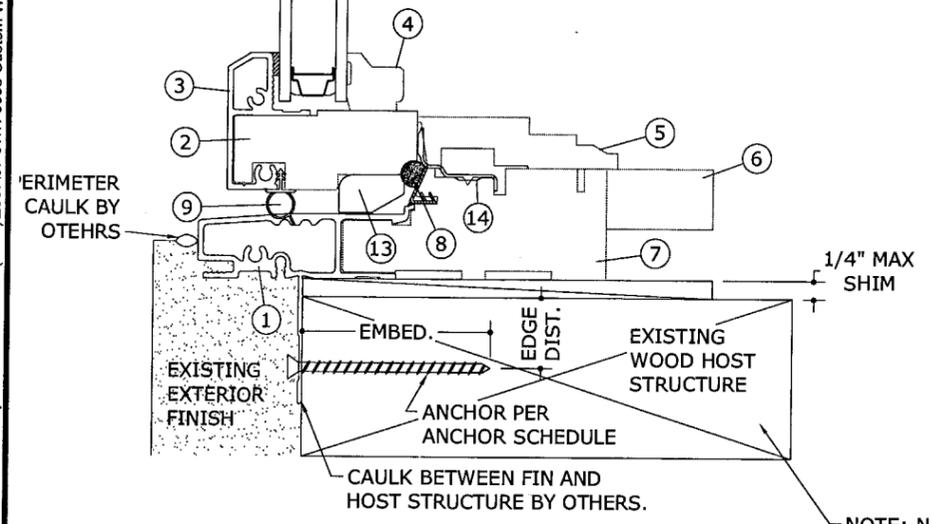
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FOR REQUIRED EDGE DISTANCES AND EMBEDMENTS.

NOTE: NAIL FIN INSTALLATION REQUIRES
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TREATED WOOD BUCK (BY OTHERS) IN
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A
5 N.T.S. VERT SECTION



B
5 N.T.S. VERT SECTION



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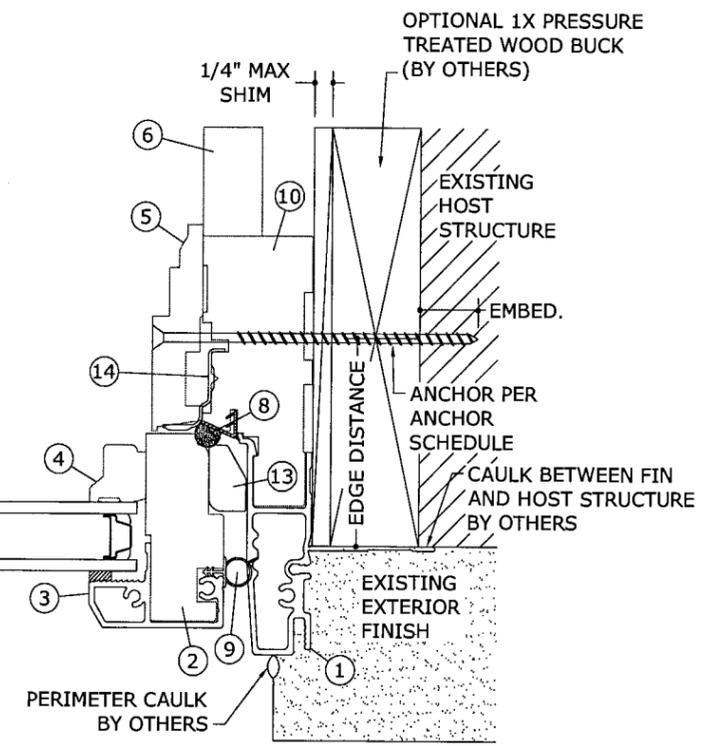
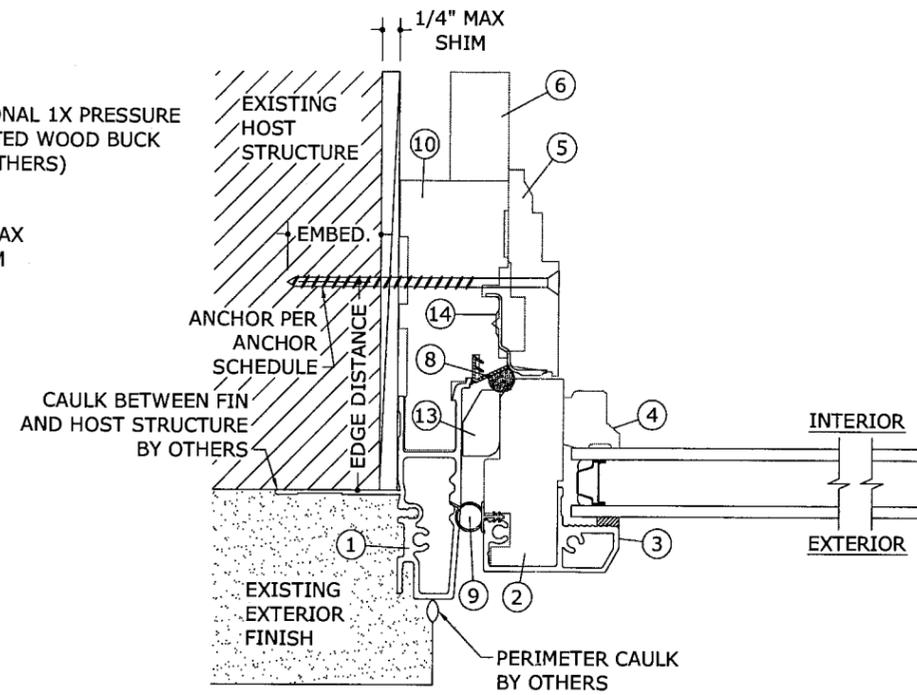
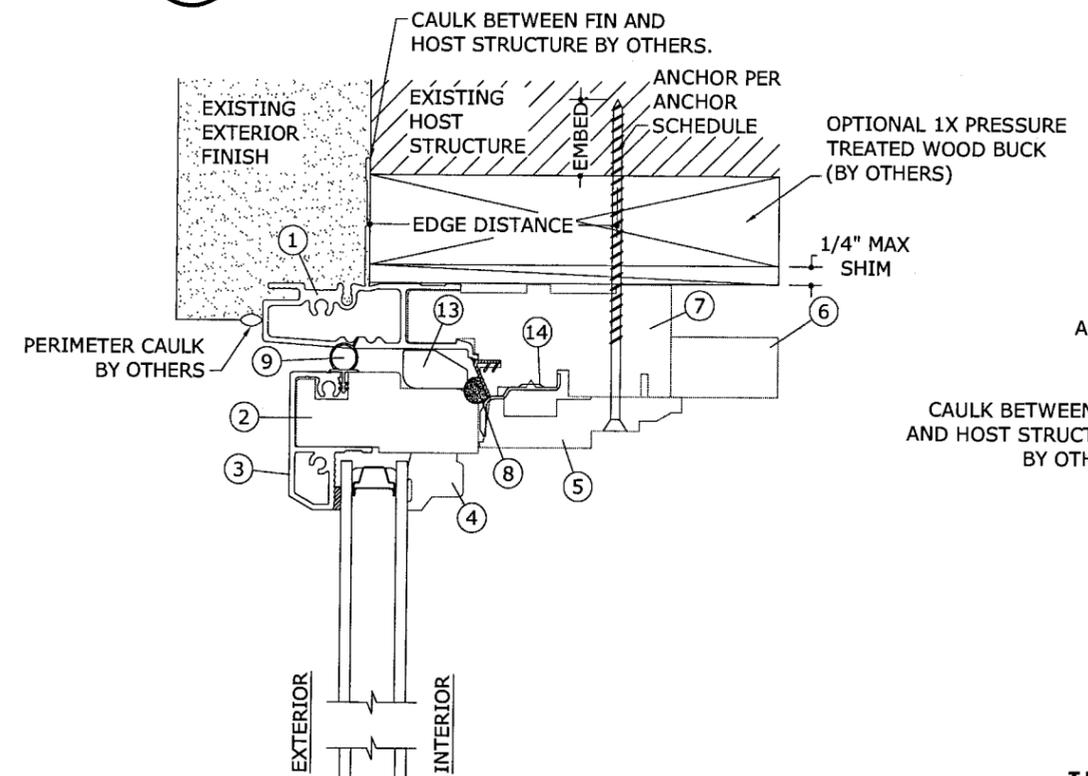
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INSTALLATION THROUGH FRAME HEAD

A
6 N.T.S. VERT SECTION



INSTALLATION THROUGH FRAME JAMB

C
6 N.T.S. HORIZ SECTION

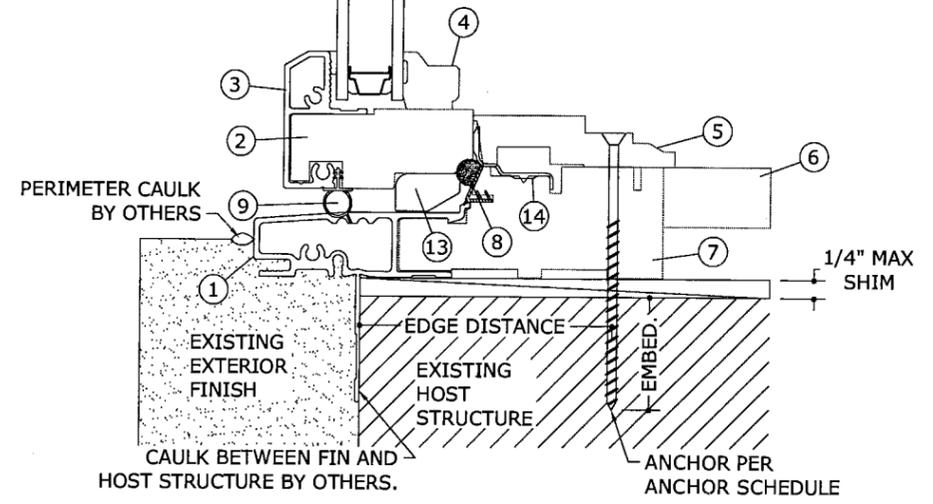
INSTALLATION THROUGH FRAME JAMB

D
6 N.T.S. HORIZ SECTION

NOTE: SEE ANCHOR SCHEDULE AND ANCHOR NOTES FOR REQUIRED EDGE DISTANCES AND EMBEDMENTS.

INSTALLATION THROUGH FRAME SILL

B
6 N.T.S. VERT SECTION



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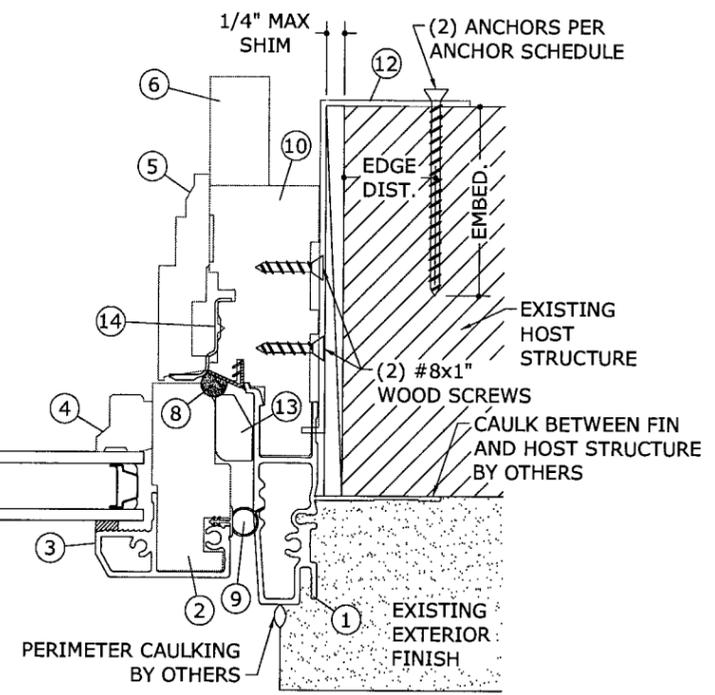
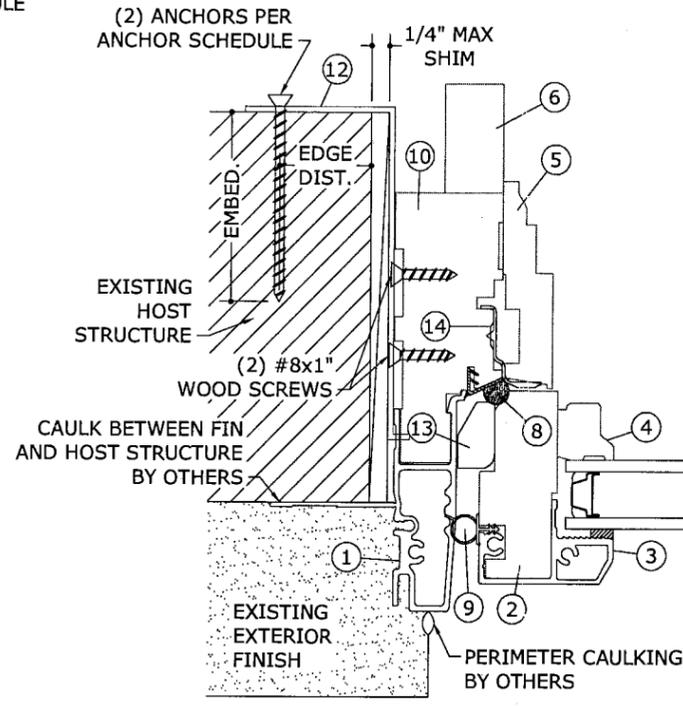
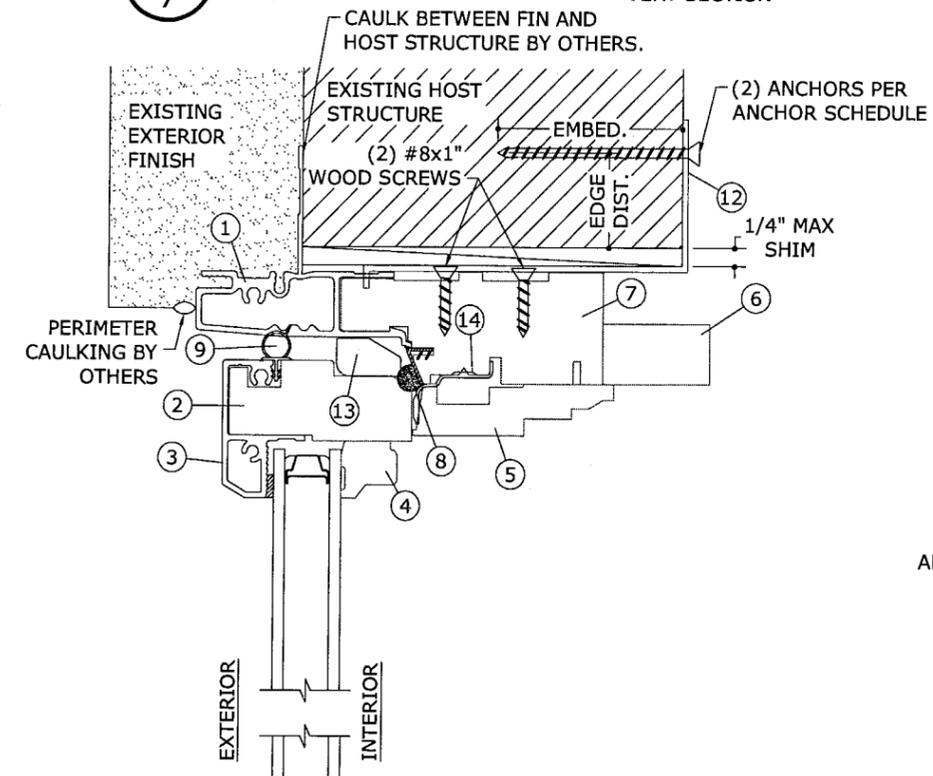
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7

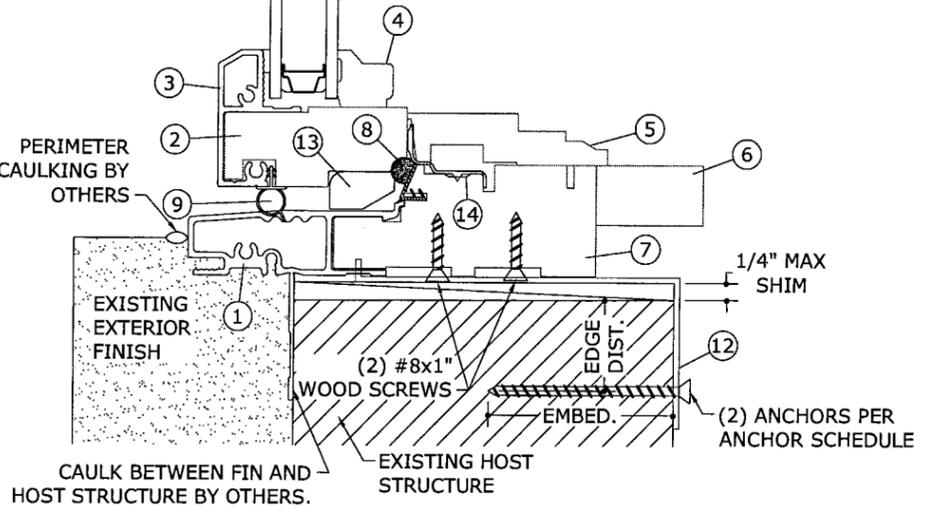
A
7 N.T.S. VERT SECTION
INSTALLATION WITH STRAP AT FRAME HEAD



C
7 N.T.S. HORIZ SECTION
INSTALLATION WITH STRAP AT FRAME JAMB

D
7 N.T.S. HORIZ SECTION
INSTALLATION WITH STRAP AT FRAME JAMB

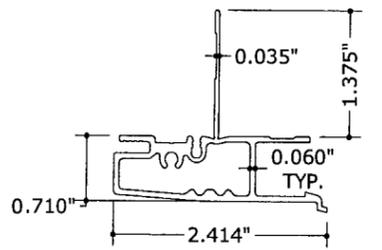
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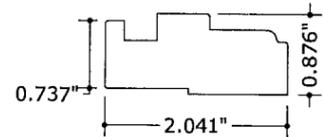
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7 N.T.S. VERT SECTION
INSTALLATION WITH STRAP AT FRAME SILL

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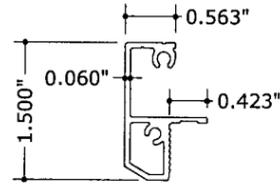
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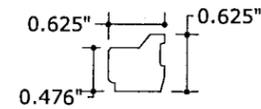
1 NAIL FIN
6" = 1'-0" 6063-T5 ALUM.



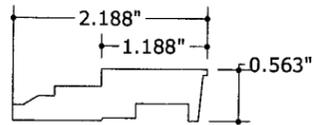
2 SASH STILE, TOP AND BOTTOM RAIL
6" = 1'-0" WOOD



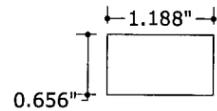
3 EXTRUDED SASH CLADDING
6" = 1'-0" 6063-T5 ALUM.



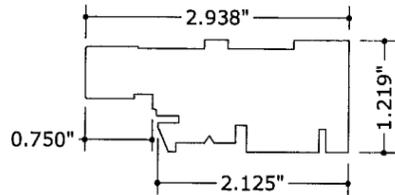
4 GLAZING STOP
6" = 1'-0" WOOD



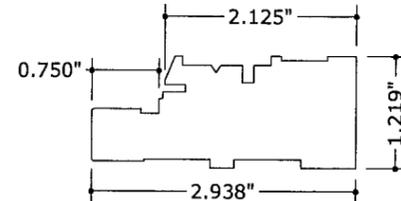
5 SIDE STOP
6" = 1'-0" WOOD



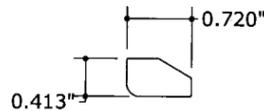
6 JAMB EXTENDER
6" = 1'-0" WOOD



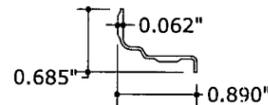
7 FRAME HEAD AND SILL
6" = 1'-0" WOOD



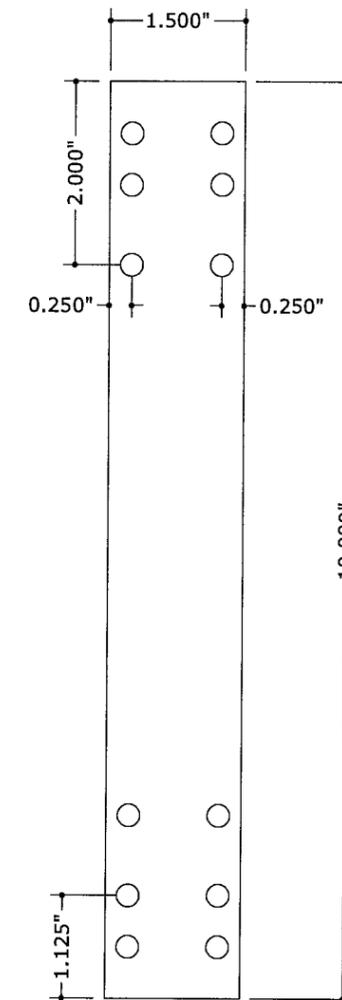
10 FRAME JAMB
6" = 1'-0" WOOD



13 SETTING BLOCK
6" = 1'-0" PLASTIC



14 STATIONARY SASH BRACKET
6" = 1'-0" STEEL



12 13GA GALVANIZED INSTALLATION STRIP
6" = 1'-0" STEEL

BILL OF MATERIALS

QTY	DESCRIPTION	MATERIAL	BY
1	VH-53639 NAIL FIN EXTRUSION	6063-T5	
2	CA0152RA SASH STILE, TOP AND BOTTOM RAIL	WOOD	
3	VH-49545 EXTRUDED SASH CLADDING	6063-T5	
4	CA0278SP GLAZING STOP	WOOD	
5	CA0274SP SIDE STOP	WOOD	
6	CA260AJE JAMB EXTENDER	WOOD	
7	CA0153HJ FRAME SILL & HEAD	WOOD	
8	12261 FRAME WEATHERSTRIP	PVC	BY AMESBURY
9	50468A SASH WEATHERSTRIP	PVC	BY INTEK
10	CA0177SJ FRAME JAMB	WOOD	
11	SILICONE SEALANT	SILICONE	DOW CORNING 899
12	GALVANIZED INSTALLATION STRAP	STEEL	13 GA
13	10210A SETTING BLOCK	PVC	BY INTEK
14	AC-257 SASH BRACKET	STEEL	

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