MIAMI-DADE COUNTY
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
www.maimidade.gov/buildingcode

NOTICE OF ACCEPTANCE (NOA)

Jeld-Wen, Inc. (OR)
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" Aluminum Clad Wood Double Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **07-JWN-0012**, titled "Custom Collection Double Hung Window – Large Missile Impact Resistant", sheets 1 through 6 of 6, dated 03/05/08, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

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 consists of this page 1 and evidence page E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**

MIAMI-DADE COUNTY APPROVED

Jeld-Wen, Inc. (OR)

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **07-JWN-0012**, Sheets 1 through 6 of 6, titled "Custom Collection Double Hung Window – Large Missile Impact Resistant", dated 03/05/08, prepared by Engineering Express, signed and sealed by Frank L. Bennardo, P.E.

B. TESTS

1. Test report 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 203-94
   6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

   Along with marked-up drawings and installation diagram of a custom collection aluminum clad wood double hung window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-210-3441-1**, dated 08/28/07, signed and sealed by Gerard J. Ferrara, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Engineering Express, dated 03/05/08, signed and sealed by Frank L. Bennardo, P.E.
   Complies with ASTM E1300-02

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, dated March 18, 2008, signed and sealed by Frank L. Bennardo, P.E.
2. Statement letter of no financial interest, dated March 18, 2008, signed and sealed by Frank L. Bennardo, P.E.
3. Laboratory compliance letter for Test Report no. **NCTL- 210-3441-1**, issued by National Certified Testing Laboratories, dated September 12, 2007, signed and sealed by Gerard J. Ferrara, P.E.

Manuel Perez

Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0402.03
Expiration Date: September 18, 2013
Approval Date: September 18, 2008

F. STATEMENTS (CONTINUED)

4. Addendum letter of Acrylic Sealant for Test Report no. **NCTL- 210-3441-1**, issued by National Certified Testing Laboratories, dated June 25, 2008, signed and sealed by Gerard J. Ferrara, P.E.
5. Addendum letter of the Silicone Sealant for Test Report no. **NCTL- 210-3441-1**, issued by National Certified Testing Laboratories, dated July 01, 2008, signed and sealed by Harold E. Rupp, P.E.

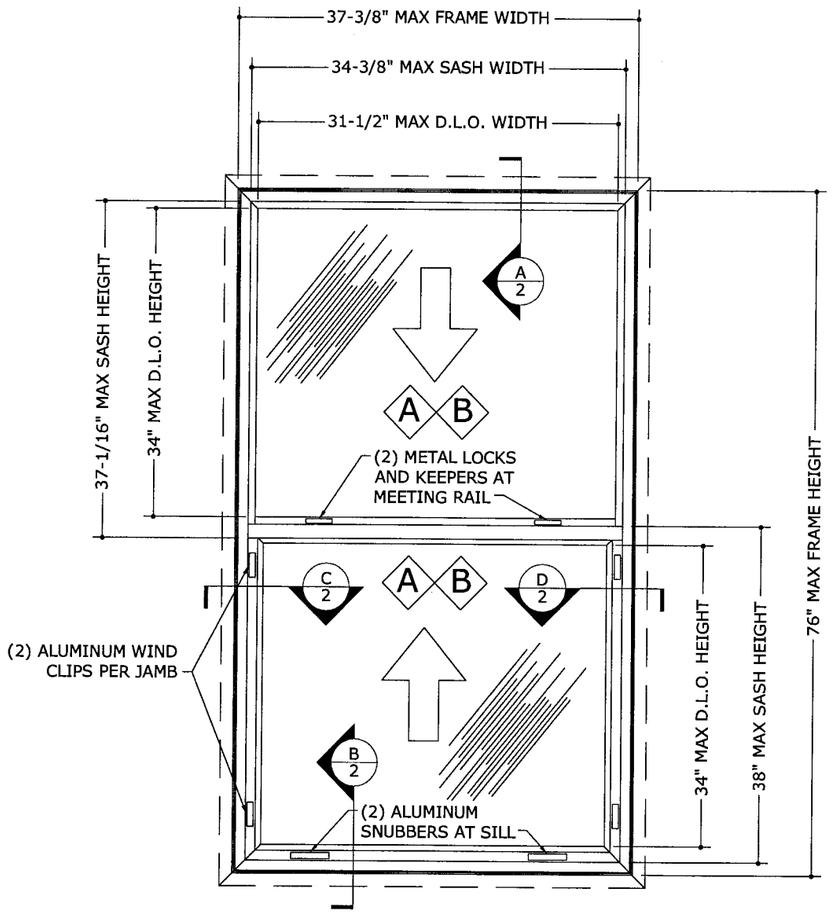
G. OTHERS

1. None.

Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0402.03
Expiration Date: September 18, 2013
Approval Date: September 18, 2008

CUSTOM COLLECTION DOUBLE HUNG WINDOW

LARGE MISSILE IMPACT RESISTANT



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

1/1 TYPICAL ELEVATION

N.T.S. EXTERIOR VIEW

GENERAL NOTES

1. THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE WITH 2006 SUPPLEMENTS AND 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. UNITS GLAZED AS 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.

MAXIMUM ALLOWABLE DESIGN PRESSURE: +55/-75

Approved as complying with the Florida Building Code
Date 09/18/2008
NOA# 08-0402.03
Miami Dade Product Control Division
By Maurice Perez

FRANK L. BENNARDO, P.E.
PE0046549
08/18/2008

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3737 LAKEPORT BOULEVARD
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CUSTOM COLLECTION DOUBLE HUNG WINDOW
LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
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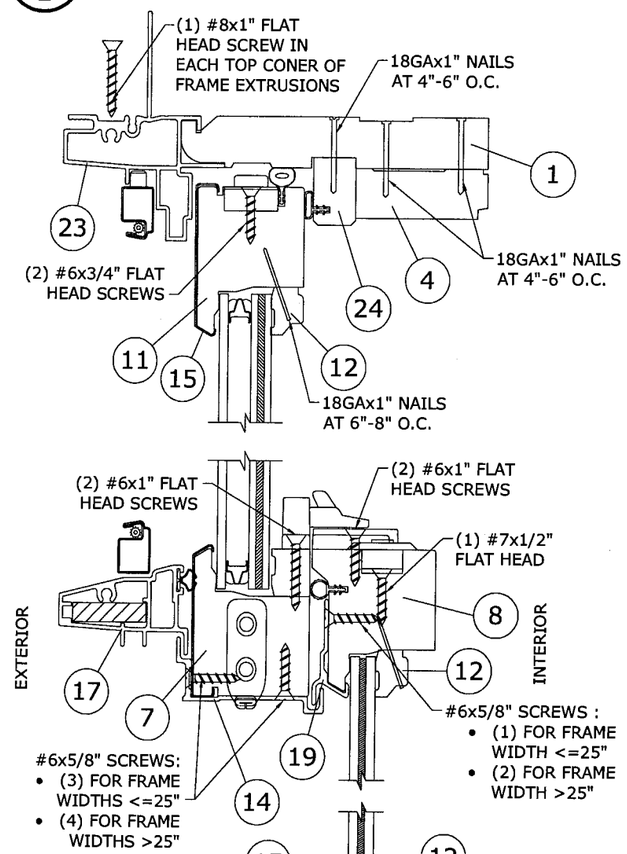
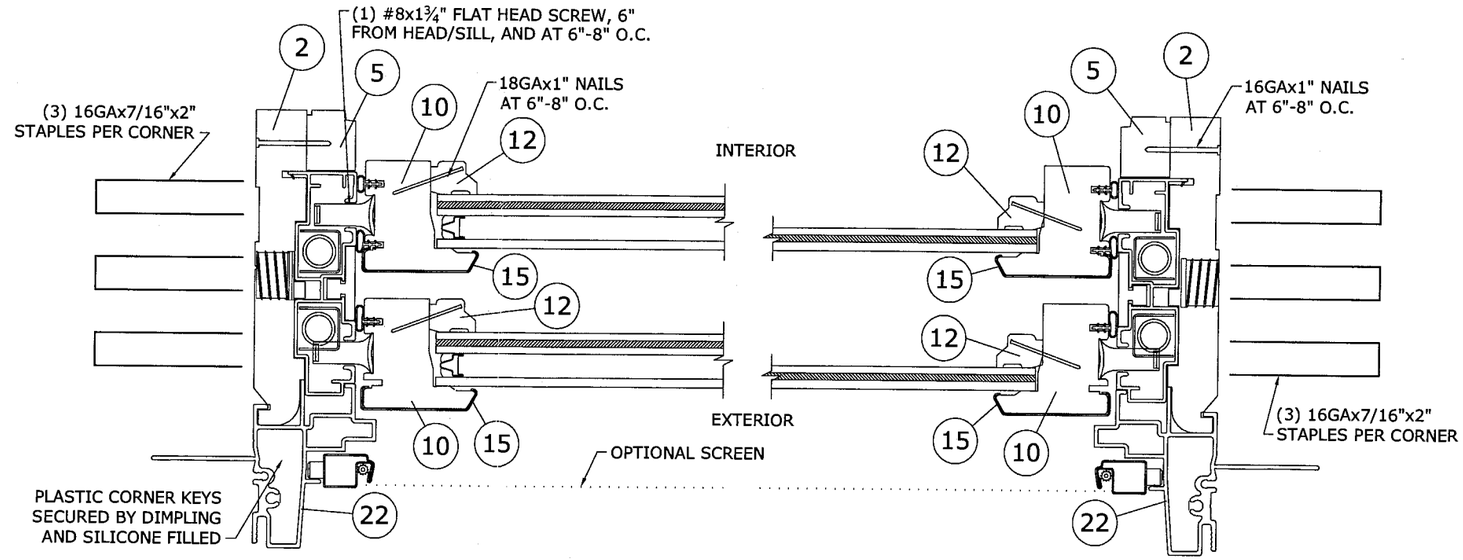
A/2 TYPICAL HEAD ASSEMBLY

N.T.S. VERT VIEW



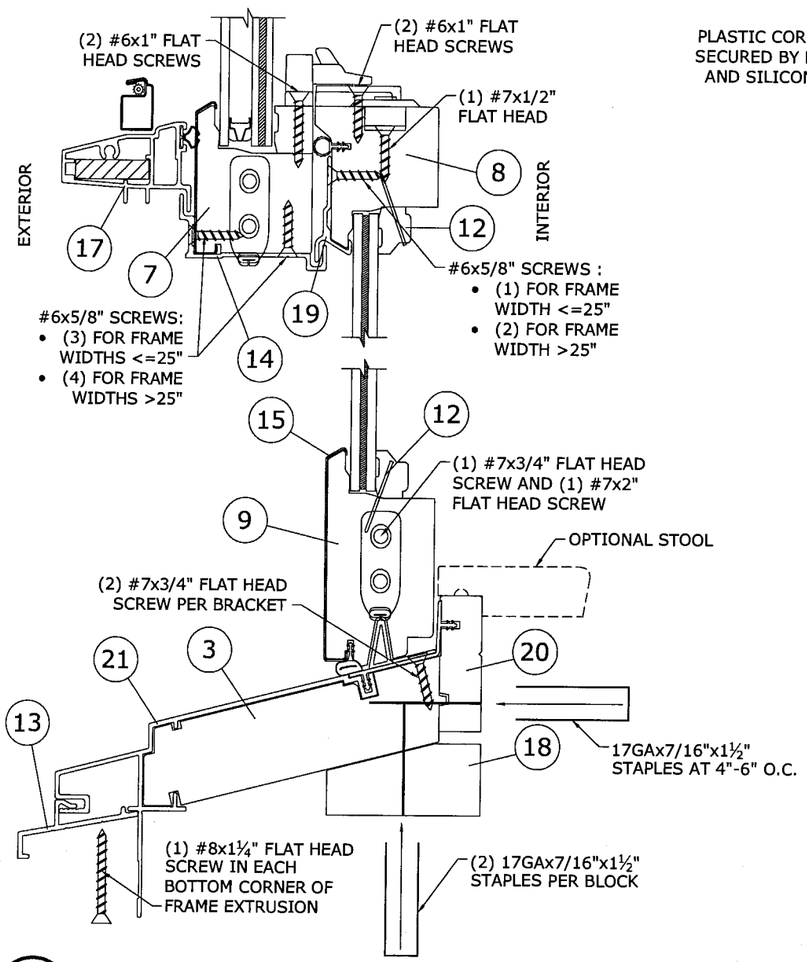


C/2 TYPICAL JAMB ASSEMBLY

N.T.S. HORIZ VIEW

D/2 TYPICAL JAMB ASSEMBLY

N.T.S. HORIZ VIEW

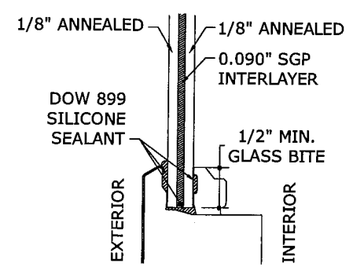


B/2 TYPICAL SILL ASSEMBLY

N.T.S. VERT VIEW

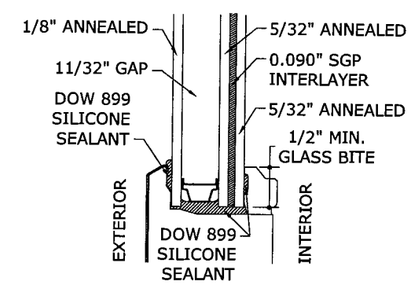
GLAZING TYPE A

1/4" LAMINATED, LMI
FOR USE AT ANY HEIGHT ABOVE GRADE



GLAZING TYPE B

3/4" INSULATED LAMINATED, LMI
NOT FOR USE ABOVE 30' ABOVE GRADE



1/2 GLAZING DETAILS

N.T.S. VERT SECTION

Approved as complying with the Florida Building Code
Date 09/18/2008
NOAA 08-0402.03
Miami Dade Product Control Division
By M. Perez

FRANK L. BENNARDO, P.E.
PE0046549
08/18/2008

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CUSTOM COLLECTION DOUBLE HUNG WINDOW
LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

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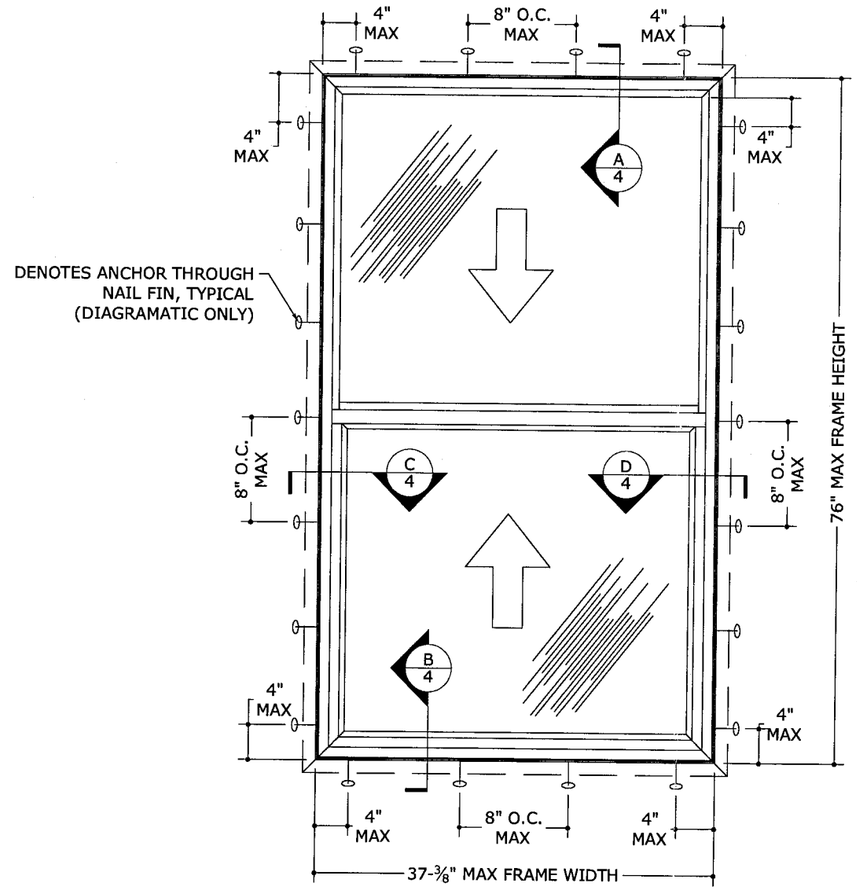

1/4 ANCHOR ELEVATION

N.T.S. EXTERIOR VIEW

ANCHOR SCHEDULE:

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

- #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. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS' RECOMMENDATIONS.
3. 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).
4. WOOD HOST STRUCTURE SHALL BE "SOUTHERN PINE" G=0.55 OR GREATER DENSITY.
5. MINIMUM EMBEDMENT SHALL BE AS NOTED IN ANCHOR SCHEDULE. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDES STUCCO, FOAM, BRICK, AND OTHER WALL FINISHES.
6. ANCHOR SCHEDULE APPLIES TO ALL PRODUCTS CERTIFIED HEREIN.
7. WHERE EXISTING STRUCTURE IS WOOD FRAMING, EXISTING CONDITIONS MAY VARY. FIELD VERIFY THAT FASTENERS ARE INTO ADEQUATE WOOD FRAMING MEMBERS, NOT INTO PLYWOOD.
8. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.

Approved as complying with the Florida Building Code
Date 09/18/2008
NOA# 08-0402.03
Miami Dade Product Control Division
By Manuel Perez

FRANK L. BENNARDO, P.E.
PE0046549
08/18/2008

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CUSTOM COLLECTION DOUBLE HUNG WINDOW
LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

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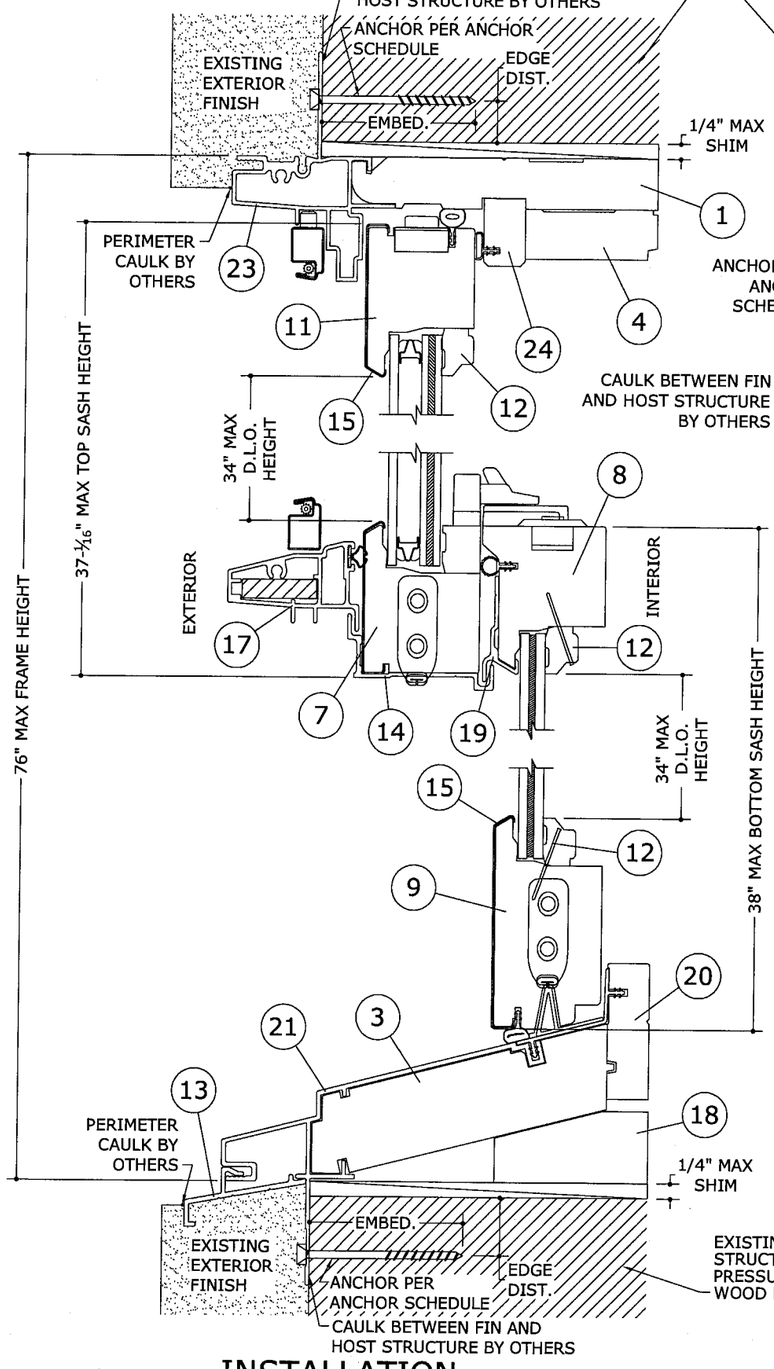
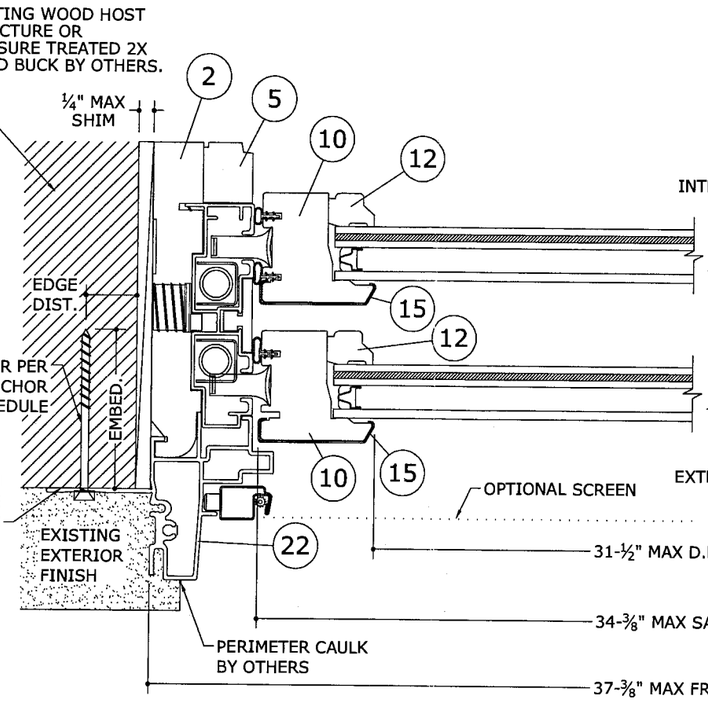
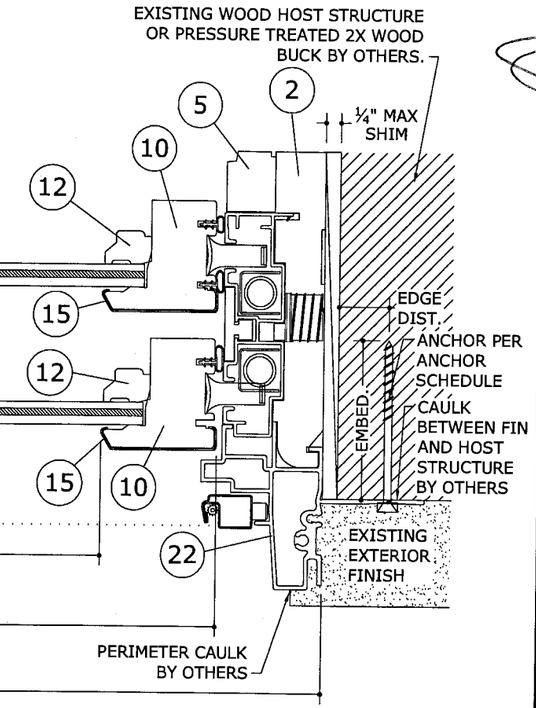


A/4 INSTALLATION AT FRAME HEAD
N.T.S. VERT VIEW

B/4 INSTALLATION AT FRAME SILL
N.T.S. VERT VIEW



C/4 INSTALLATION AT FRAME JAMB
N.T.S. HORIZ VIEW



D/4 INSTALLATION AT FRAME JAMB
N.T.S. HORIZ VIEW

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

Approved as complying with the Florida Building Code
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Miami Dade Product Control Division
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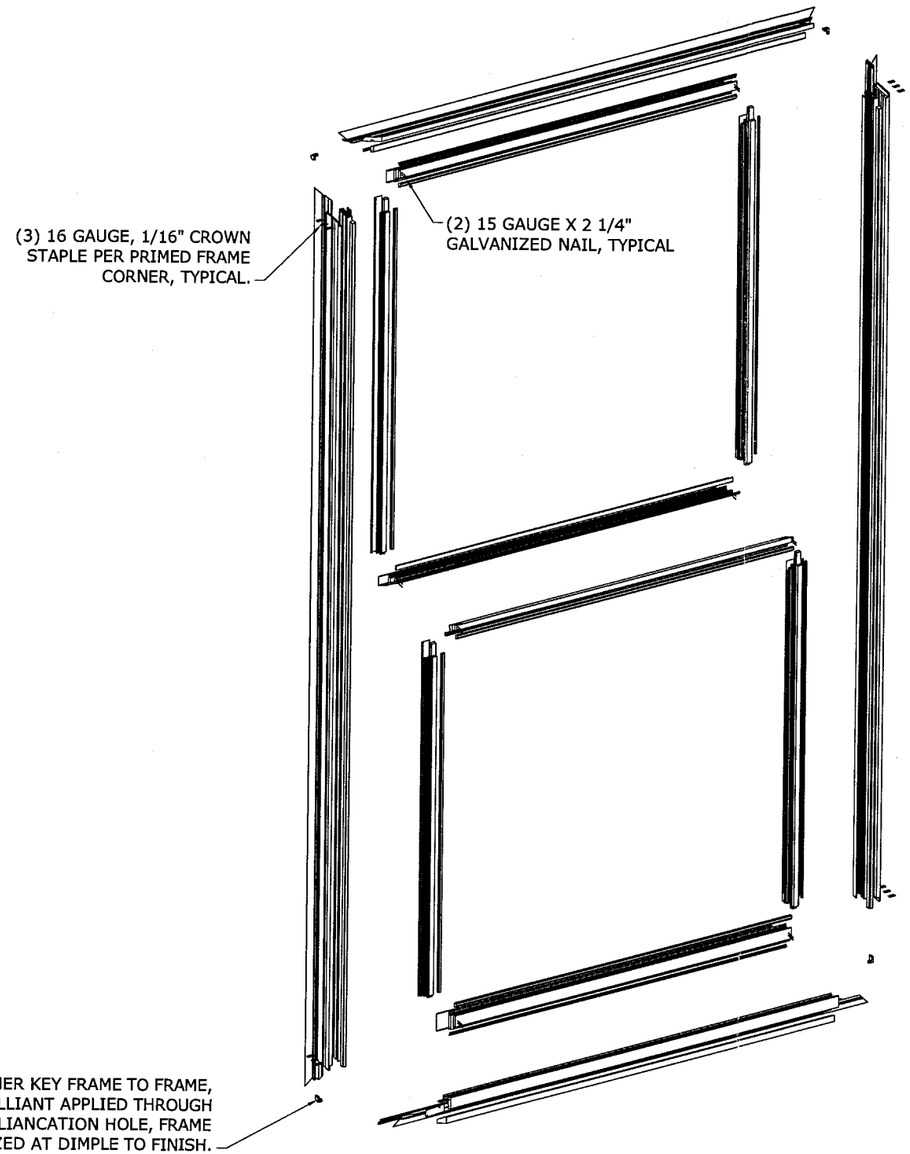

1/5 ASSEMBLY DETAIL

N.T.S. ISOMETRIC

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Date 09/18/2008
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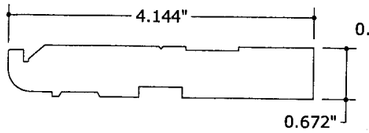
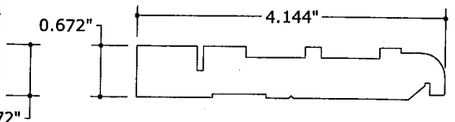
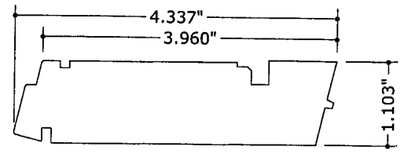


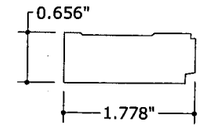
1 HEAD
6" = 1'-0" WOOD



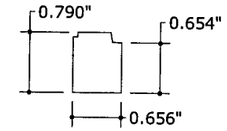
2 JAMB
6" = 1'-0" WOOD



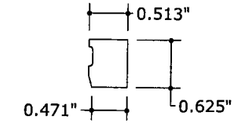
3 WOOD SILL
6" = 1'-0" WOOD



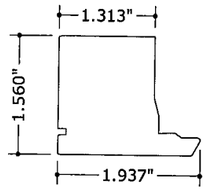
4 HEAD FILLER
6" = 1'-0" WOOD



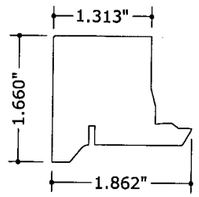
5 INTERIOR SIDE STOP
6" = 1'-0" WOOD



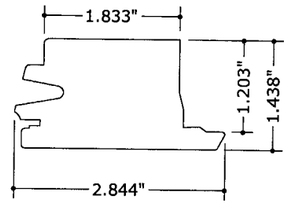
6 IMPACT RAIL GLASS STOP
6" = 1'-0" WOOD



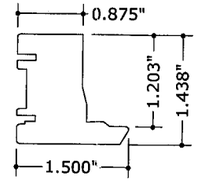
7 UPPER STILE
6" = 1'-0" WOOD



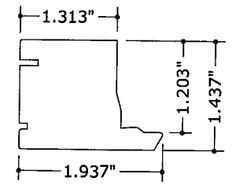
8 LOWER STILE
6" = 1'-0" WOOD



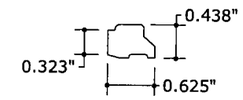
9 BOTTOM RAIL
6" = 1'-0" WOOD



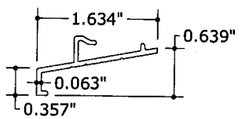
10 INTERIOR GLAZED STILE
6" = 1'-0" WOOD



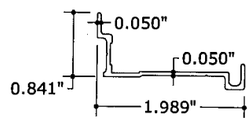
11 INTERIOR GLAZED TOP RAIL
6" = 1'-0" WOOD



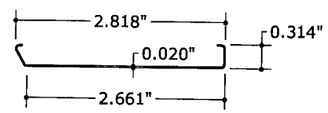
12 INTERIOR GLAZED GLASS STOP
6" = 1'-0" WOOD



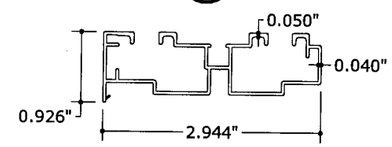
13 EXTRUDED NOSE SILL
6" = 1'-0" 6063-T5



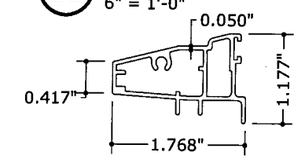
14 UPPER INTERLOCKING RAIL CLADDING
6" = 1'-0" 6063-T5



15 SASH CLADDING
6" = 1'-0" ALUM

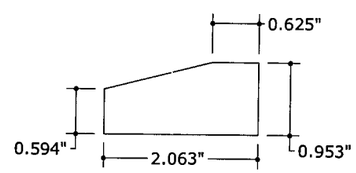


16 JAMB LINER TRU-LOK
6" = 1'-0" PVC

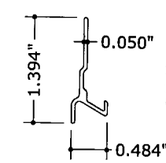


17 INTERLOCKING IMPACT SCREEN RECEIVER
6" = 1'-0" 6063-T5

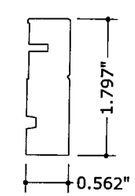
Approved as complying with the Florida Building Code
Date 09/18/2008
NOA# 08-0402.03
Miami Dade Product Control Division
By Manuel Perez



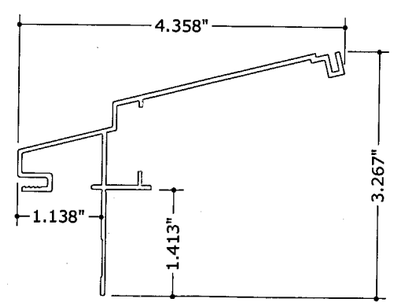
18 SILL SUPPORT
6" = 1'-0" WOOD



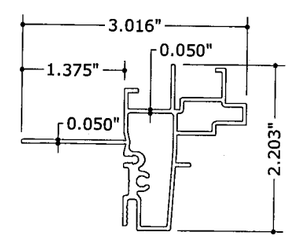
19 LOWER INTERLOCK RAIL
6" = 1'-0" 6063-T5



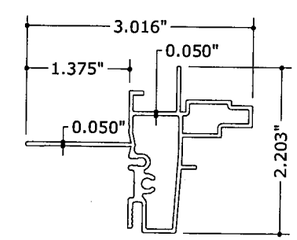
20 SILL STOP
6" = 1'-0" WOOD



21 SILL CLADDING
6" = 1'-0" 6063-T5



22 JAMB CLADDING
6" = 1'-0" 6063-T5



23 HEAD CLADDING
6" = 1'-0" 6063-T5

BILL OF MATERIALS

ITEM	PART #	DESCRIPTION	MATERIAL	REMARKS
1	WF0198HJ	HEAD JAMB	WOOD	PRESSURE TREATED AURALAST®
2	WF0223SJ	SIDE JAMB	WOOD	PRESSURE TREATED AURALAST®
3	WF0227SL	WOOD SILL	WOOD	PRESSURE TREATED AURALAST®
4	WF0402SP	HEAD FILLER	WOOD	PRESSURE TREATED AURALAST®
5	WF0366SP	INTERIOR SIDE STOP	WOOD	PRESSURE TREATED AURALAST®
6	WF0401SP	IMPACT RAIL GLASS STOP	WOOD	PRESSURE TREATED AURALAST®
7	WF0262ST	UPPER STILE	WOOD	PRESSURE TREATED AURALAST®
8	WF0263ST	LOWER STILE	WOOD	PRESSURE TREATED AURALAST®
9	WF0357RA	BOTTOM RAIL	WOOD	PRESSURE TREATED AURALAST®
10	WF0254ST	INTERIOR GLAZED STILE	WOOD	PRESSURE TREATED AURALAST®
11	WF0335RA	INTERIOR GLAZED TOP RAIL	WOOD	PRESSURE TREATED AURALAST®
12	WF0378SP	INTERIOR GLAZED GLASS STOP	WOOD	PRESSURE TREATED AURALAST®
13	AC-909	EXTRUDED NOSE SILL	6063-T5	
14	JCD-325	UPPER INTERLOCKING RAIL CLADDING	6063-T5	
15	-	SASH CLADDING	ALUM	ROLL FORMED
16	30795A	JAMB LINER TRU-LOK	PVC	BY INTEK
17	JCD-327	INTERLOCKING IMPACT SCREEN RECEIVER	6063-T5	
18	WF0299MS	SILL SUPPORT	WOOD	PRESSURE TREATED AURALAST®
19	JCD-326	LOWER INTERLOCK RAIL	6063-T5	
20	WF0363SP	SILL STOP	WOOD	PRESSURE TREATED AURALAST®
21	JCD-302	SILL CLADDING	6063-T5	
22	JCD-301	SIDE JAMB CLADDING	6063-T5	
23	JCD-300	HEAD JAMB CLADDING	6063-T5	
24	WF0377SP	PARTING STOP	-	
25	WF0295MS	JAMB LINER FILLER	-	
26	V01899	SILL WEATHERSTRIP	PVC	BY INTEK
27	JCD-702	BOTTOM RAIL SNUBBER	6063-T5	
28	899	SILICONE SEALANT	SILICONE	BY DOW CORNING
29	12094	FOAM FILLED BULB WEATHERSTRIP	PVC	BY AMESBURY

FRANK L. BENNARDO, P.E.
PE0046549
08/18/2008

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A. FRANK L. BENNARDO, P.E., INC. INNOVATION

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

CUSTOM COLLECTION DOUBLE HUNG WINDOW
LARGE MISSILE IMPACT RESISTANT
MIAMI-DADE NOTICE OF ACCEPTANCE

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	RKB	CL	03/05/08

07-JWN-0012
SCALE: - 01
PAGE DESCRIPTION:
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08/18/2008 - 4:23pm keithl