



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/pera/

NOTICE OF ACCEPTANCE (NOA)

HWD Acquisition, Inc. dba Hurd Windows & Doors
575 South Whelen Avenue
Medford, WI 54451

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA - Product Control Section 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 Section (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. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 "Feel Safe" Aluminum Clad Wood Awning Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1405, titled "Feel Safe Aluminum Clad Wood Impact Awning Window, sheets 1 through 5 of 5, dated 07/21/05, with revision C1 dated 10/04/11, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, 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 revises NOA # 11-0517.04 and consists of this page 1 and evidence pages E-1, and E-2, as well as approval document mentioned above.

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



NOA No. 11-1006.07
Expiration Date: June 29, 2016
Approval Date: November 17, 2011
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **1405**, titled "Feel Safe Aluminum Clad Wood Impact Awning Window, Sheets 1 through 5 of 5, dated 7/21/05, with revision C1 dated 10/04/11, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

B. TESTS

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 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of 6 specimens each consisting of aluminum clad casement window, prepared by Stork Twin City Testing Corporation, Test Report No. **STCTC-180-7795.2**, dated 04/08/09, signed and sealed by Thomas Allan Kolden, P. E.
(Submitted under previous NOA No. 09-0901.05)
2. 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 203-94
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of 6 specimens each consisting of aluminum clad casement window, prepared by Architectural Testing, Inc., Test Report No. **ATI-52274.04-602-18**, dated 07/07-28/04, signed and sealed by Joseph A. Reed, P. E.
(Submitted under previous NOA No. 06-0130.05)


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-1006.07

Expiration Date: June 29, 2016
Approval Date: November 17, 2011

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

B. TESTS (CONTINUED)

3. 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 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of 6 specimens each consisting of aluminum clad awning window, prepared by Architectural Testing, Inc., Test Report No. **ATI-53394.03-602-18**, dated 09/14-16/04, signed and sealed by Joseph A. Reed, P. E.
(Submitted under previous NOA No. 06-0130.05)

C. CALCULATIONS:

1. Anchor Calculations and structural analysis, complying with the FBC-2007 and the FBC-2010, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 05/12/11 and 10/04/11, signed and sealed by Warren W. Schaefer, P.E.
2. Glazing complies with ASTM E1300-04.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **09-0223.05** issued to **Solutia, Inc.** for their "**Saflex Multi-layer Glass Interlayer**" dated 04/08/09, expiring on 04/08/14.

F. STATEMENTS

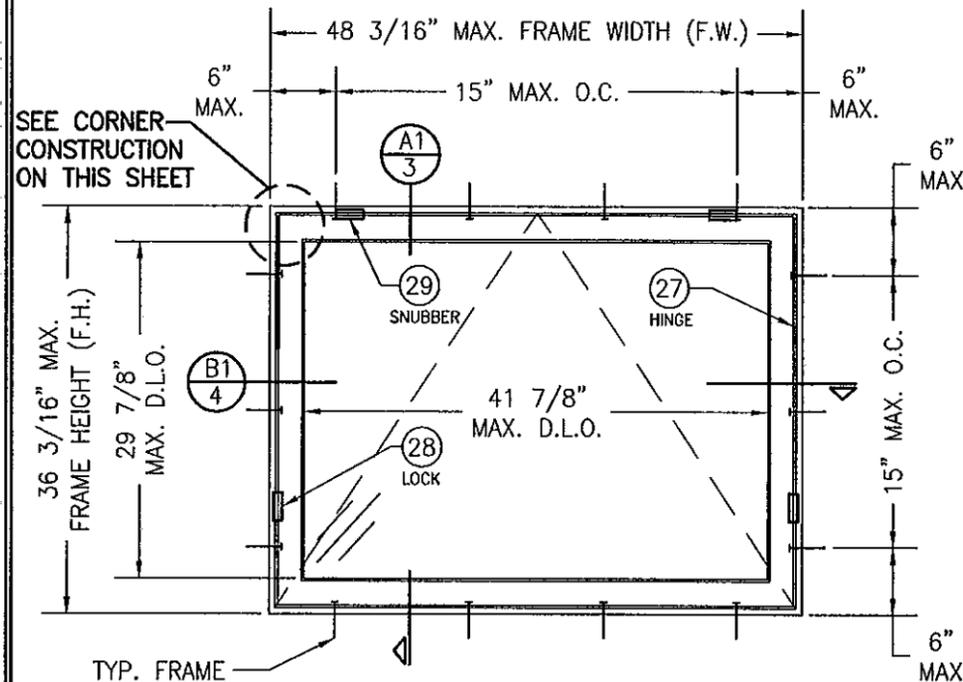
1. Statement letter of conformance to the FBC-2007 and the FBC-2010, dated 10/04/11, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, dated 10/04/11, signed and sealed by Warren W. Schaefer, P.E.

G. OTHERS

1. Notice of Acceptance No. **11-0517.04**, issued to HWD Acquisition, Inc. dba Hurd Windows & Doors for their Series "Feel Safe" Aluminum Clad Wood Awning Window - L.M.I., approved on 07/14/11 and expiring on 06/29/11.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 11-1006.07

Expiration Date: June 29, 2016
Approval Date: November 17, 2011



**EXTERIOR ELEVATION
SINGLE WINDOW
(FRAME SCREW MOUNT)**
SCALE: 3/4"=1'-0"

TYP. FRAME ANCHORS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS.

CORNER CONSTRUCTION:

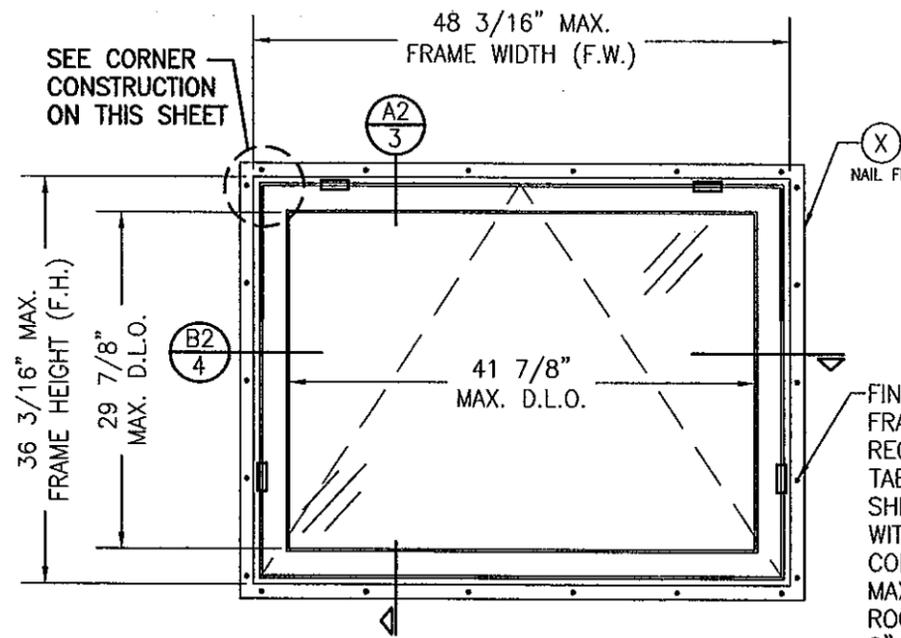
- WOOD FRAME:** SQUARE CUT, RABBETED, SILICONE SEALED & SECURED WITH THREE (3) 16 GA. X 1/2" X 2" CROWN STAPLES.
- FRAME CLAD:** MITER CUT, JOINED WITH A CORNER KEY & TWO (2) NO. 7 X 1/2" SCREWS & SEALED WITH A FOAM GASKET.
- WOOD SASH:** MORTISE & TENON CONSTRUCTION AND SECURED WITH TWO (2) 14 GA. X 2 1/2" T-NAILS.
- SASH CLAD:** SQUARE CUT, BUTTED TOGETHER AND SNAP FIT TO SASH AND SEALED WITH SILICONE.

**ALLOWABLE DESIGN PRESSURE
(SINGLE & MULTIPLE WINDOWS)**

+65/-70 PSF

LOCK & SNUBBER REQUIREMENTS

- SNUBBERS:** ONE (1) EACH SIDE OF WINDOW AT THE HEAD OF THE FRAME, 6 1/2" OFF CORNERS.
- LOCKS:** ONE (1) LOCK STRIKE EACH SIDE OF WINDOW AT SIDES.



**EXTERIOR ELEVATION
SINGLE WINDOW
(FIN MOUNT)**
SCALE: 3/4"=1'-0"

FOR INFORMATION NOT SHOWN, SEE FRAME SCREW MOUNTED SINGLE WINDOW ELEVATION

FIN ANCHOR PER FRAME ANCHOR REQUIREMENTS TABLE ON THIS SHEET. POSITION WITHIN 2" OFF CORNERS & SPACE MAX. 4" O.C. WITH ROOFING NAILS OR 8" O.C. WITH NO. 8 SCREWS

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
C-90 CMU/2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
(2) NAILING FIN FASTENERS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1 1/8"	1/2"
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	11 GA. ROOFING NAIL	1 3/4"	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"

- (1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ITW RAMSET/RED HEAD TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).
- (2) NAIL FIN SCREWS SHALL BE A PAN HEAD OR HEX HEAD SCREW OR HAVE A FLAT WASHER AT THE SCREW HEAD.

GENERAL NOTES:

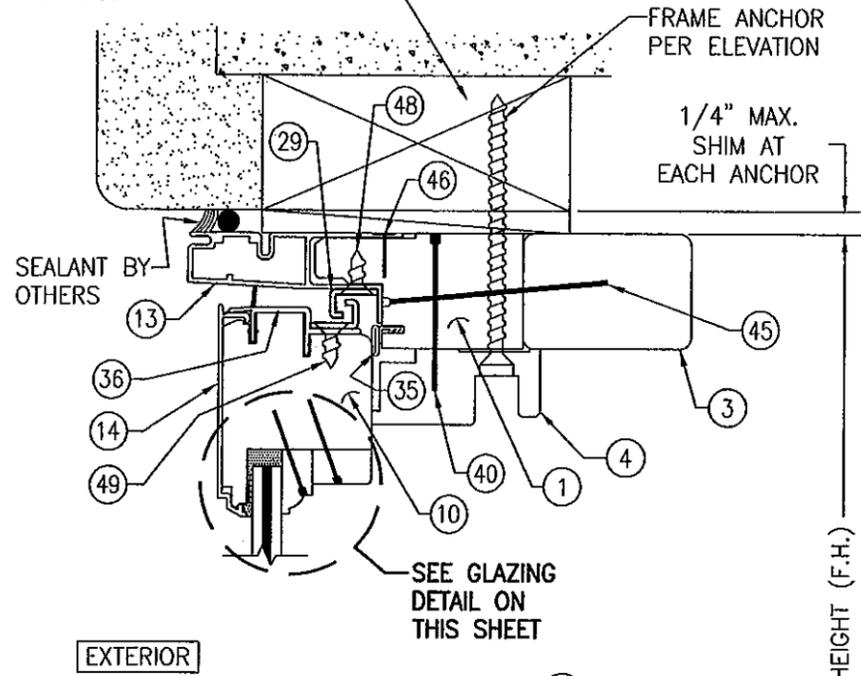
- THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
- OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
- ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
- THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS.
- THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
- IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
- ALL ANCHORS SECURING WINDOW FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
- DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF Kd = 0.85 MAY BE APPLIED PER THE ASCE-7 STANDARD.
- NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR WOOD SCREW ANALYSIS ONLY.
- MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 11-1006.07
Expiration Date: June 29, 2016
By: *Manuel Perez*
Miami Dade Product Control



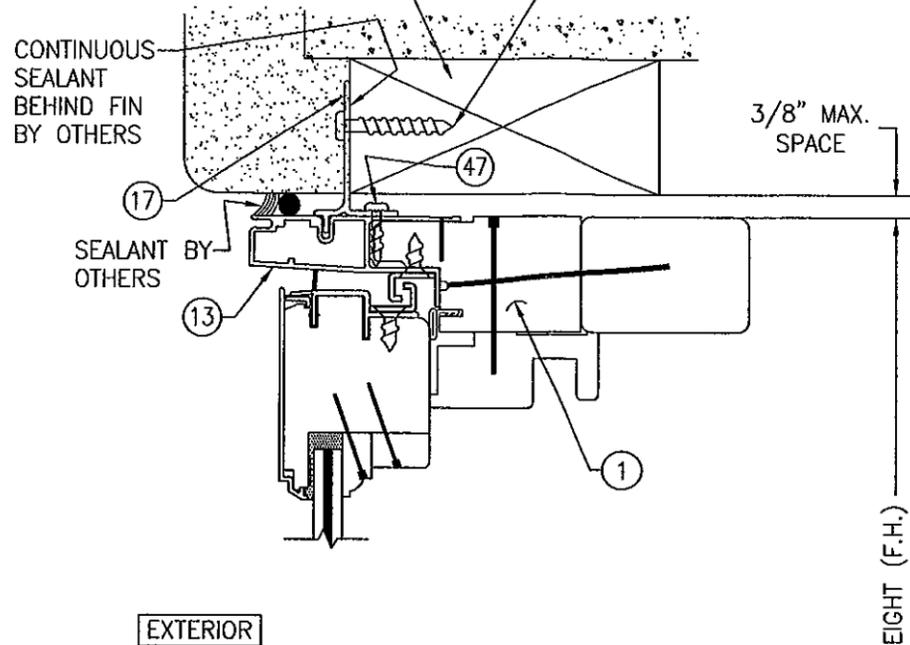
DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 7/21/05
DATE: 08/24/09	BY: W.S.
ADD LG. GLAZING CONDITION	WRM
CHANGE MANUFACTURER NAME	WRM
UPDATE CONSULTANT ADDRESS	WRM
NO.	REVISION DESCRIPTION
A1	ADD LG. GLAZING CONDITION
B1	CHANGE MANUFACTURER NAME
C1	UPDATE CONSULTANT ADDRESS
DRAWING TITLE: FEEL SAFE ALUMINUM CLAD WOOD IMPACT AWNING WINDOW	
MANUFACTURER: HWD ACQUISITION, INC. dba HURD WINDOWS & DOORS	575 S. HELEN AVE. MEDFORD, WI 54451 800-433-4873
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424
CERTIFICATION: OCT 04 2011	WARREN W. SCHAEFER P.E. No. 44135
DRAWING NO. 1405	REV. C
SHEET NO. 1	OF 5

MIN. 2X4 BUCK/FRAMING & BUCK ATTACHMENT BY OTHERS



EXTERIOR

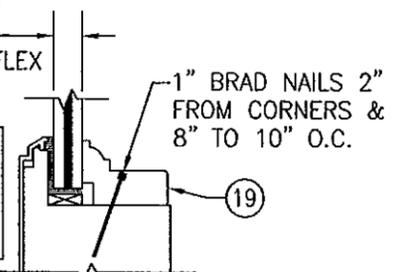
MIN. 2X4 BUCK/FRAMING & BUCK ATTACHMENT BY OTHERS



EXTERIOR

5/16" LAMINATED GLASS BY OLDCASTLE
(1/8" AN/0.09 SOLUTIA SAFLEX IIIIG PVB/1/8" AN)

SEE 2-PIECE DETAIL BELOW FOR INFORMATION NOT SHOWN



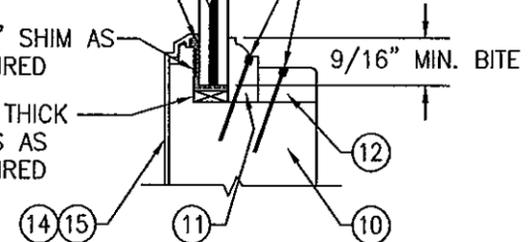
GLAZING DETAIL WITH 1-PIECE GLAZING BEAD

5/16" LAMINATED GLASS BY OLDCASTLE
(1/8" AN/0.09 SOLUTIA SAFLEX IIIIG PVB/1/8" AN)

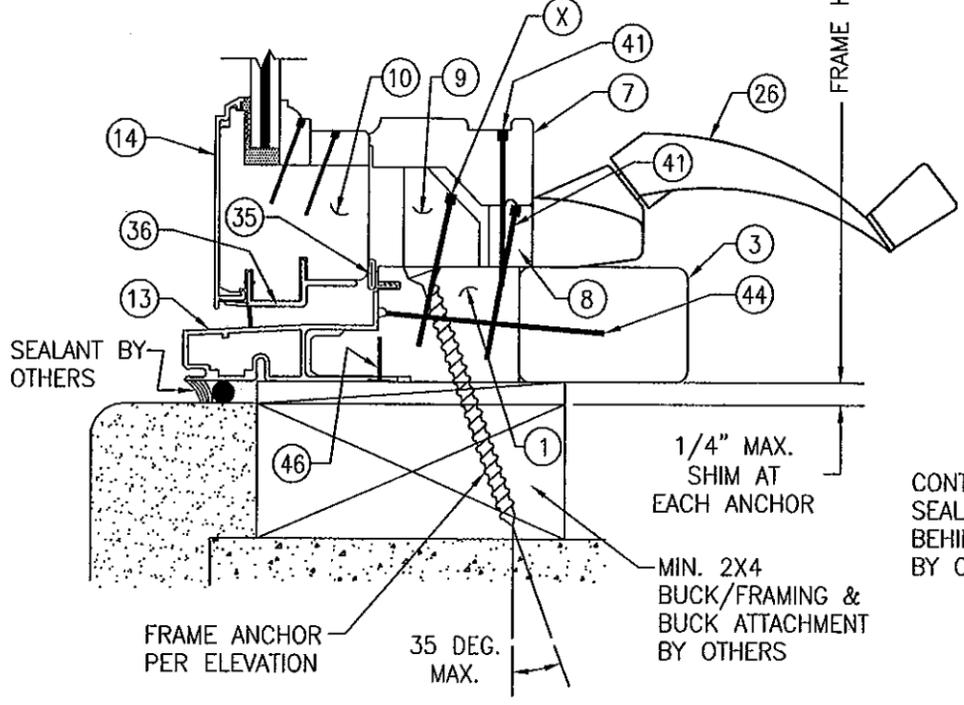
TREMCO S900 SILICONE AT EXTERIOR & GLASS EDGE

1/16" SHIM AS REQUIRED
1/8" THICK SHIMS AS REQUIRED

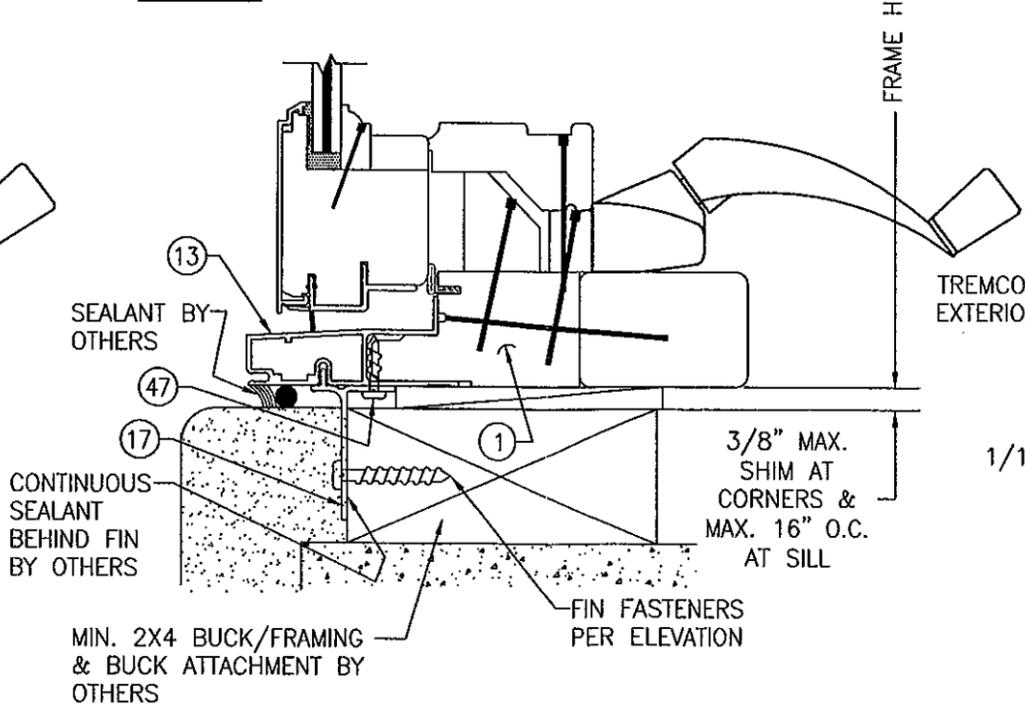
1" BRAD NAILS 2" FROM CORNERS & 8" TO 10" O.C.



GLAZING DETAIL WITH 2-PIECE GLAZING BEAD



SECTION A1/3
SCALE: 1/2 FULL



SECTION A2/3
SCALE: 1/2 FULL

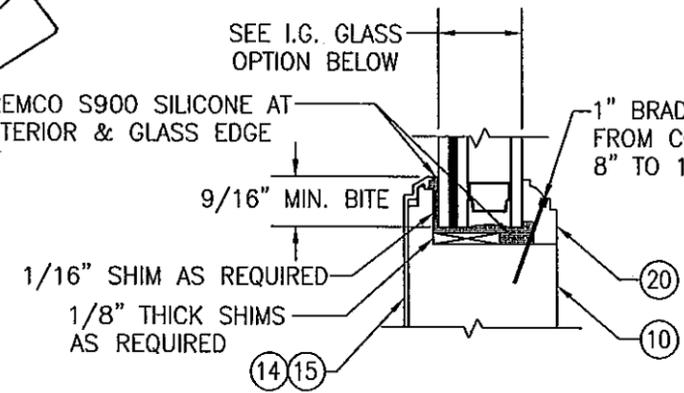
(SEE SECTION A1/3 FOR DETAILS NOT SHOWN)

SEE I.G. GLASS OPTION BELOW

TREMCO S900 SILICONE AT EXTERIOR & GLASS EDGE

1/16" SHIM AS REQUIRED
1/8" THICK SHIMS AS REQUIRED

1" BRAD NAILS 2" FROM CORNERS & 8" TO 10" O.C.



TYPICAL I.G. GLAZING DETAIL

I.G. GLASS OPTION: 7/8" LAMINATED I.G. BY OLDCASTLE
(1/8" AN./0.09" SOLUTIA SAFLEX IIIIG PVB/1/8" AN)
EXTERIOR; 7/16" SPACER; 1/8" TEMP. INTERIOR

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 11-1006.07
Expiration Date June 29, 2016
By *Manuel Perez*
Miami Dade Product Control



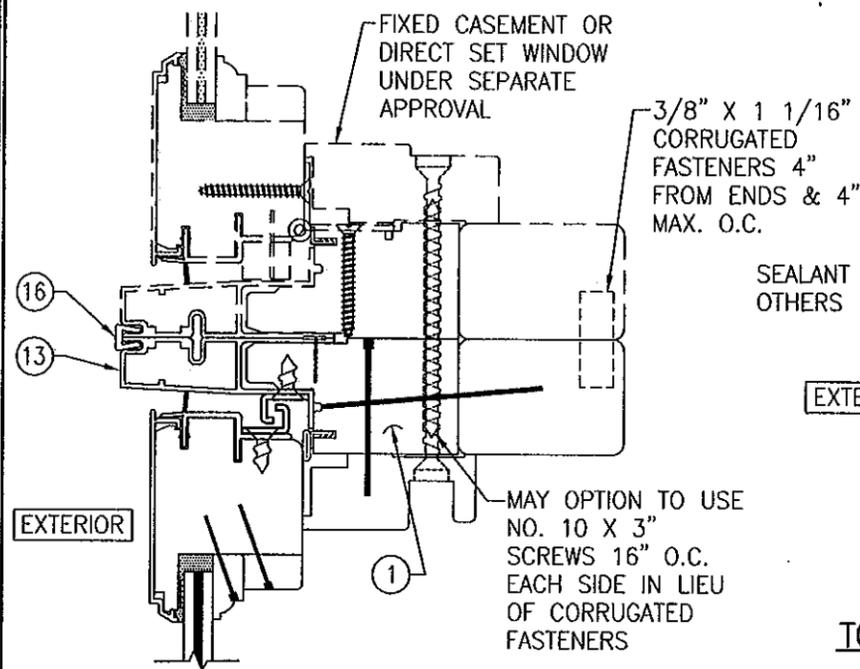
DRAWN BY:	S.T.R.	CHECKED BY:	W.W.S.
PLOT:	1=2	DATE:	7/21/05
DATE			
BY			
REVISION DESCRIPTION			
NO.			

FEEL SAFE ALUMINUM CLAD WOOD IMPACT AWNING WINDOW
MANUFACTURER
HWD ACQUISITION, INC. dba
HURD WINDOWS & DOORS
575 S. WHELEN AVE.
MEDFORD, WI 54451
800-433-4873

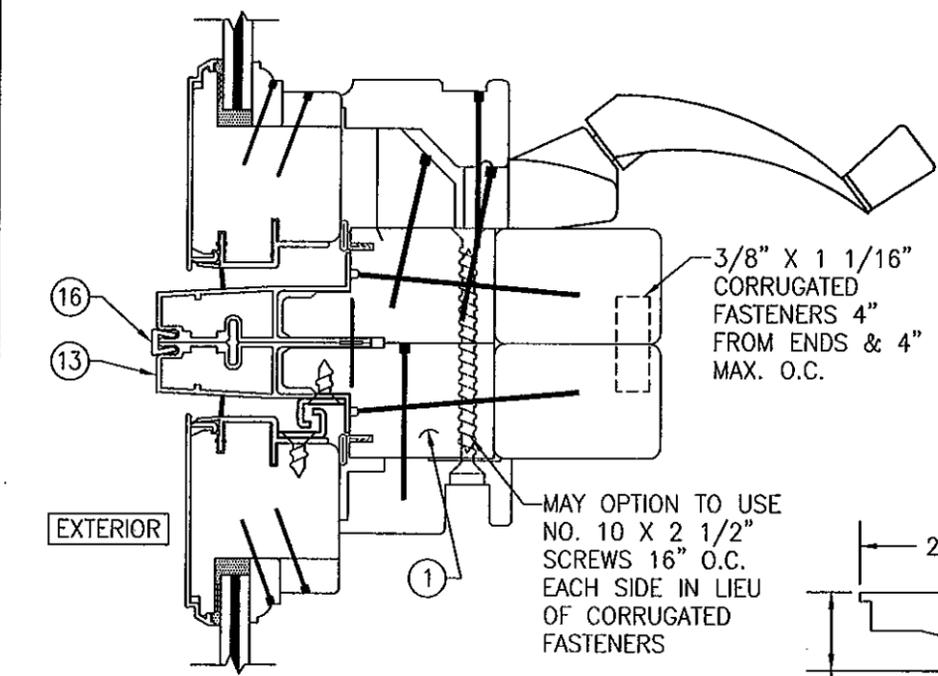
CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

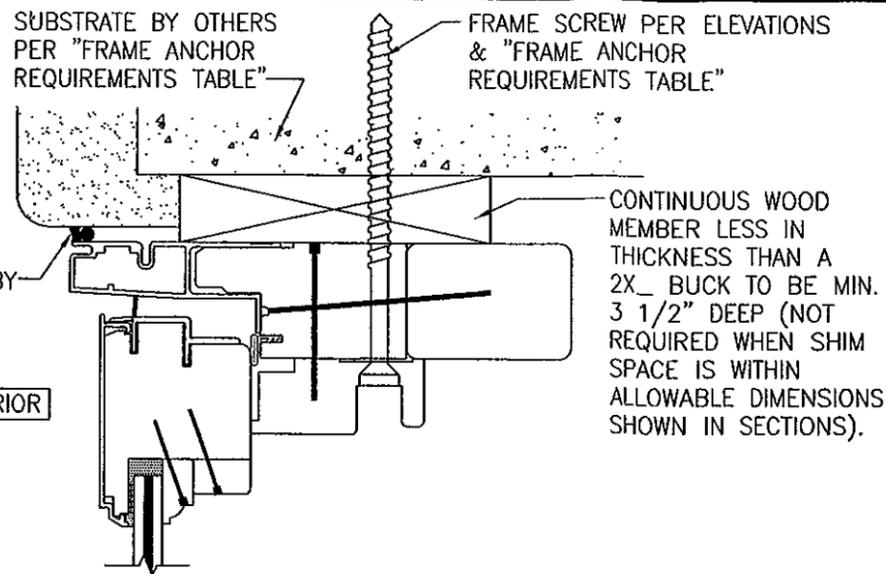
DRAWING NO.	1405	REV.	C
SHEET NO.	3	OF	5



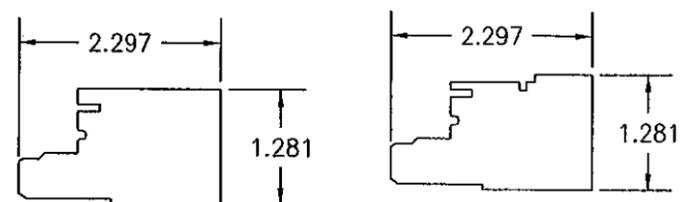
SECTION E
SCALE: 1/2 FULL



SECTION F
SCALE: 1/2 FULL



OPTIONAL DIRECT MOUNT DETAIL
TO BLOCK OR CONCRETE WITH SPACER OR SHIM
HEAD SECTION SHOWN, SIDES AND SILL SIMILAR

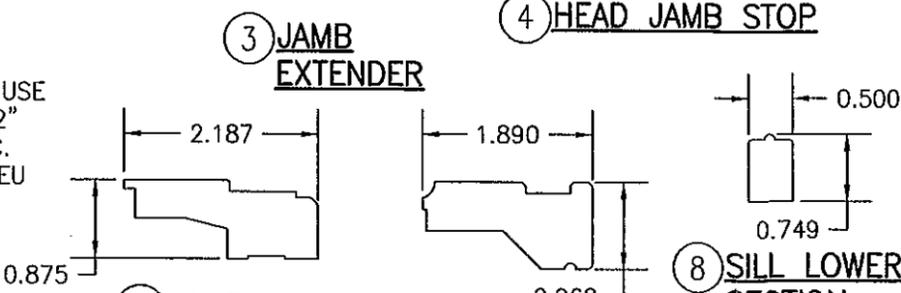


1 HEAD, SILL & HINGE JAMB
2 LOCK SIDE JAMB

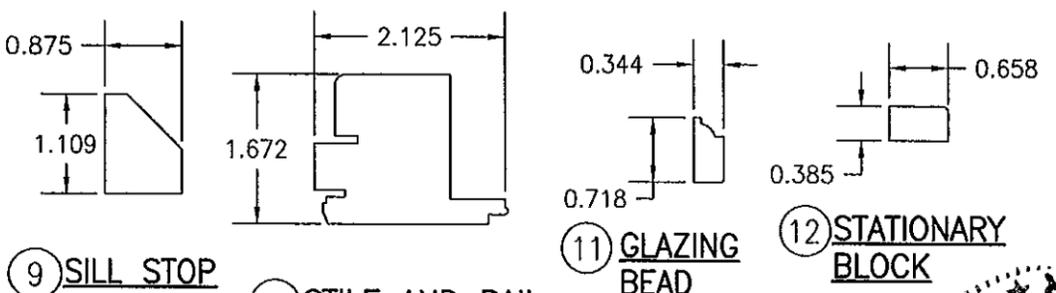


3 JAMB STOP
4 HEAD JAMB STOP

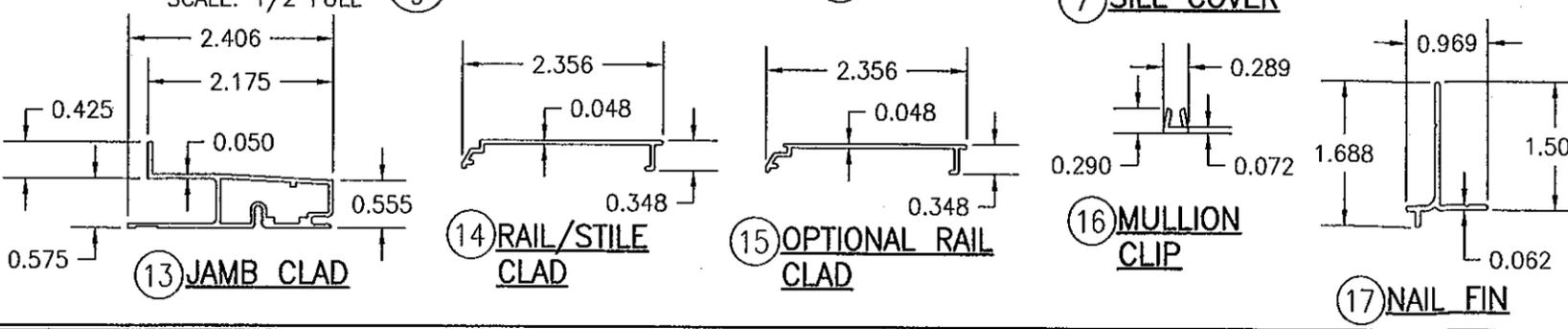
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1006.07
Expiration Date: June 29, 2016
By Maureen [Signature]
Miami Dade Product Control



6 JAMB STOP
7 SILL COVER
8 SILL LOWER SECTION



9 SILL STOP BLOCK
10 STILE AND RAIL
12 STATIONARY BLOCK



13 JAMB CLAD
14 RAIL/STILE CLAD
15 OPTIONAL RAIL CLAD
16 MULLION CLIP
17 NAIL FIN
18 JAMB CORNER KEY

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	CCSE 215	HEAD, SILL, & HINGE JAMB	* PONDEROSA/SUGAR PINE
2	CCSE 223	LOCK SIDE JAMB	* PONDEROSA/SUGAR PINE
3	CAWN 225	JAMB EXTENDER	* PONDEROSA/SUGAR PINE
4	CAWN 260	HEAD JAMB STOP	* PONDEROSA/SUGAR PINE
6	CAWN 240	SIDE JAMB STOP	* PONDEROSA/SUGAR PINE
7	CAWN 285	SILL COVER	* PONDEROSA/SUGAR PINE
8	CAWN 290	SILL LOWER SECTION	* PONDEROSA/SUGAR PINE
9	CAWN 295	SILL STOP BLOCK	* PONDEROSA/SUGAR PINE
10	EAWN 200	STILE AND RAIL	* PONDEROSA/SUGAR PINE
11	ALWD 375	GLAZING BEAD	* PONDEROSA/SUGAR PINE
12	300-0025	STATIONARY BLOCK	* PONDEROSA/SUGAR PINE
13	CAWN 440	JAMB CLAD	6063-T6 ALUMINUM
14	EAWN 400	RAIL/STILE CLAD	6063-T5 ALUMINUM
15	EAWN 405	OPTIONAL RAIL CLAD	6063-T5 ALUMINUM
16	PA 115	MULLION CLIP	6060-T5 ALUMINUM
17	-	NAIL FIN	6063-T6 ALUMINUM
18	CAWN 620	JAMB CORNER KEY	NYLON 66 MATERIAL
19	216273	1-PIECE GLAZING BEAD	* PONDEROSA/SUGAR PINE
20	-	I.G. GLAZING BEAD	* PONDEROSA/SUGAR PINE
HARDWARE			
26	-	OPERATOR	AS REQUIRED
27	CAWN690	SCISSOR HINGE	ONE @ EACH SIDE
28	EAWN 155	SINGLE POINT LOCK SYSTEM	TRUTH
29	093839	2 PIECE SNUBBER	0.320" X 0.531" X 1.844" LONG STAMPED STEEL
SEALS AND SEALANTS			
35	020546	FRAME WEATHERSTRIP	GREY SANTOPRENE FOAM
36	EAWN 625	SASH WEATHERSTRIP	VINYL
FASTENERS			
40	092748	1 1/2" RING SHANK NAIL	4" FROM CORNERS & 6" TO 12" O.C.
41	011824	1 3/4" T-NAIL	1" FROM CORNERS & 6" TO 10" O.C. @ SILL COVER & SILL LOWER SECTION AND 1 PER SILL BLOCK
43	013801	#8 X 1 1/4" PH S.S. SMS	2 PER LOCK STRIKE
44	010226	AUTO WIRE NAIL	2" FROM CORNERS & 6" TO 8" O.C.
45	024617	2 1/2" X 1" CROWN STAPLE	2" FROM CORNERS & 10" O.C.
46	019892	#18 X 1/2" GSN STAPLE	2" FROM CORNERS & 7" TO 10" O.C.
47	-	#6 X 5/8" PH SCREW	2" FROM CORNERS & 9" O.C.
48	-	NO. 8 X 1 1/4" S.S. SMS	2 PER SNUBBER INTO SASH
49	-	NO. 7 X 1/2" S.S. SMS	2 PER SNUBBER INTO FRAME

NOTE: WOOD USED IN TESTING WAS PONDEROSA PINE. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.43 AND MODULUS OF ELASTICITY OF 1,200,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY HURD WINDOWS & DOORS TO SELECT.

DRAWN BY: S.T.R. CHECKED BY: W.W.S.
PLOT: 1=2 DATE: 7/21/05

REVISION DESCRIPTION BY DATE

DRAWING TITLE: FEEL SAFE ALUMINUM CLAD WOOD IMPACT AWNING WINDOW

MANUFACTURER: HWD ACQUISITION, INC. dba HURD WINDOWS & DOORS
575 S. HELEN AVE.
MEDFORD, WI 54451
800-433-4873

CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

WARREN W. SCHAEFER
STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
No. 44135

DRAWING NO. 1405 REV. C
SHEET NO. 5 OF 5