



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
 METRO-DADE FLAGLER BUILDING
 140 WEST FLAGLER STREET, SUITE 1107
 MIAMI, FLORIDA 33130-1563
 (305) 375-2902 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidadade.gov/buildingcode

Hurd Windows & Doors, Inc.
575 S. 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 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 "Feel Safe" Aluminum Clad Wood Awning Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1405, titled "FeelSafe Aluminum Clad Wood Impact Awning Window", sheets 1 through 5, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 07/21/05, revision "A1", dated 10/13/09, 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 Division.

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 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 No. 06-0130.05 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 **Jaime D. Gascon, P. E.**



J. Gascon
10/20/09

NOA No. 09-0901.05
 Expiration Date: June 29, 2011
 Approval Date: November 10, 2009
 Page 1

Hurd Windows & Doors, Inc.

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, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 07/21/05, revision "A1", dated 10/13/09, 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. **Stork TCT-180-7795.2**, dated 04/08/09, signed and sealed by Thomas Allan Kolden, P. E.
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)
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 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)


Jaime D. Gascon, P. E.

Chief, Product Control Division
NOA No. 09-0901.05

Expiration Date: June 29, 2011

Approval Date: November 10, 2009

Hurd Windows & Doors, Inc.

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C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 08/24/09, signed and sealed by Warren W. Schaefer, P. E.
Complies with ASTM E1300-04

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

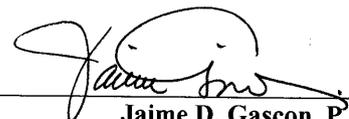
1. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex III G Clear or colored interlayer**" dated 05/04/06, expiring on 05/21/11.

F. STATEMENTS

1. Statement letter of conformance, dated August 24, 2009, signed and sealed by Warren W. Schaefer, P. E.
2. Statement letter of no financial interest, dated August 24, 2009, signed and sealed by Warren W. Schaefer, P. E.
3. Laboratory compliance letter for Test Report No. **Stork TCT-180-7795.2**, issued by Stork Twin City Testing Corporation, dated April 08, 2009, signed and sealed by Thomas Allan Kolden, P. E.
4. Laboratory compliance letter for Test Report No.'s **ATI-52274.04-602-18** and **ATI-53394.03-602-18**, issued by Architectural Testing, Inc., dated July 07-28 and September 14-16, 2004, signed and sealed by Joseph A. Reed, P. E.
(Submitted under previous NOA No. 06-0130.05)

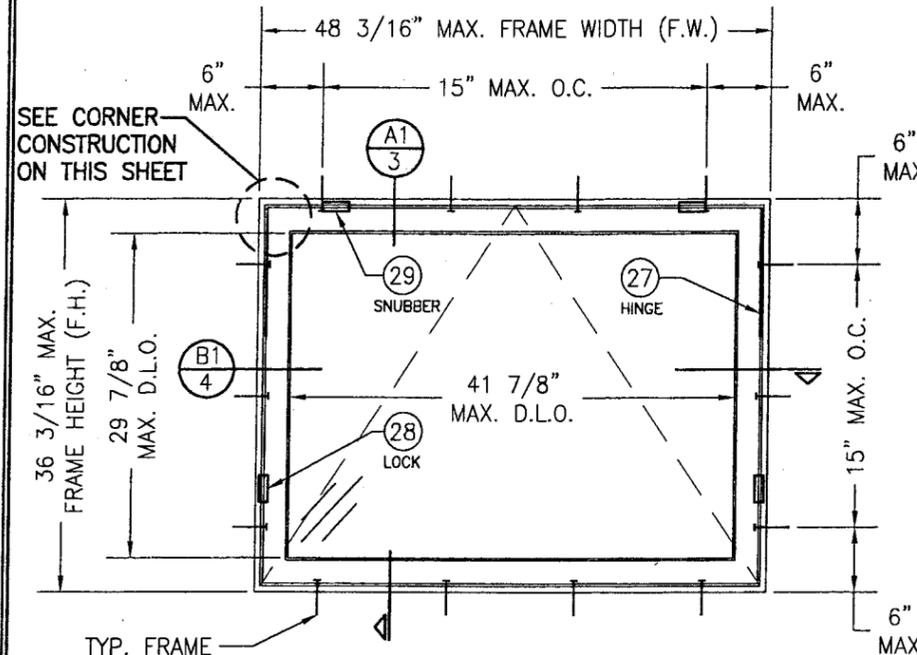
G. OTHERS

1. Notice of Acceptance No. **06-0130.05**, issued to Hurd Windows & Doors, Inc. for their Series "**Feel Safe**" **Aluminum Clad Wood Awning Window - L.M.I.**", approved on 06/29/06 and expiring on 06/29/11.



Jaime D. Gascon, P. E.
Chief, Product Control Division
NOA No. 09-0901.05

Expiration Date: June 29, 2011
Approval Date: November 10, 2009



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

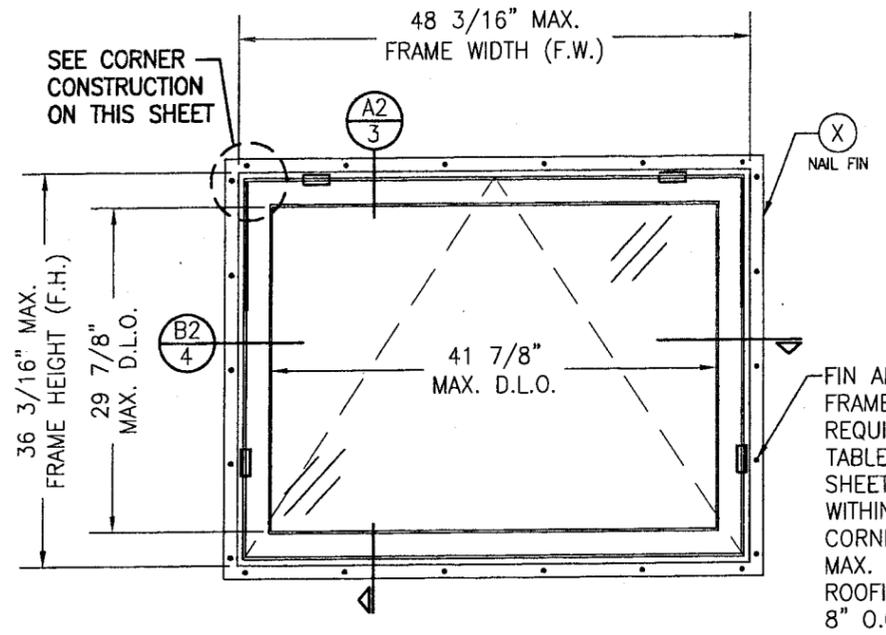
TYP. FRAME ANCHORS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS.

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

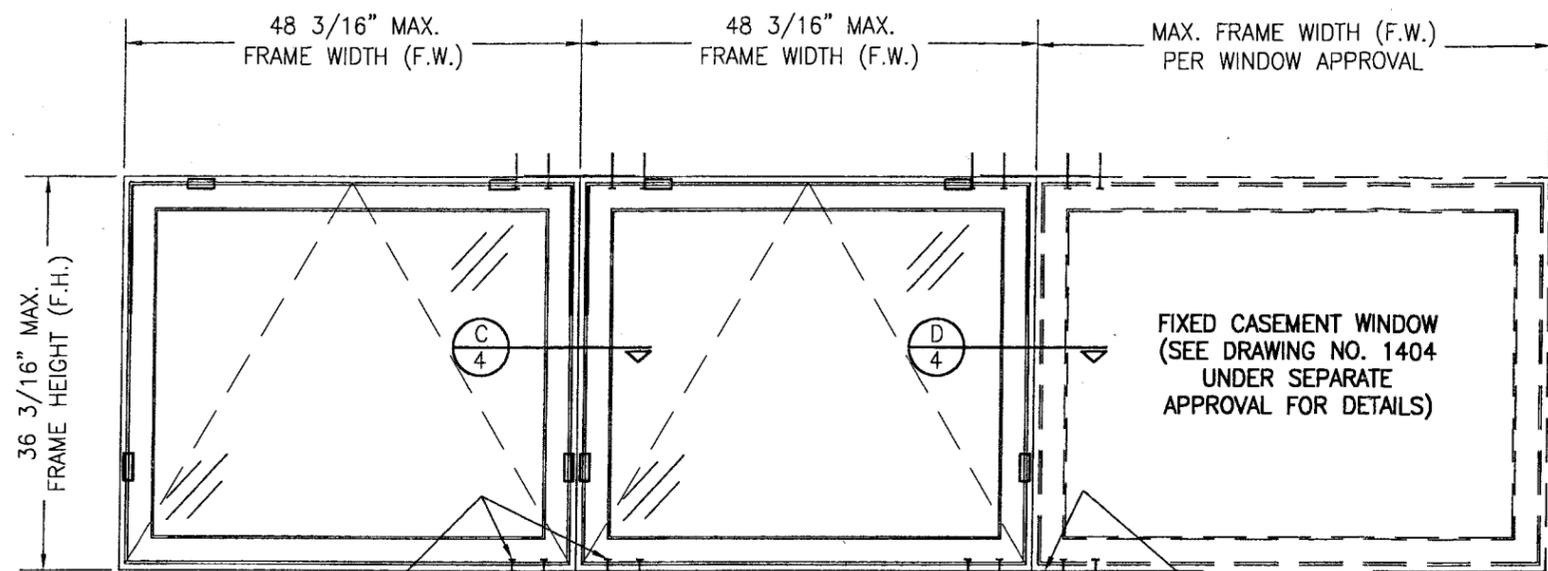
FRAME ANCHOR REQUIREMENTS TABLE			
OPENING TYPE (SUBSTRATE)	FRAME/FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
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 $K_d = 0.85$ 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 $C_d = 1.6$ 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. 09-0901.05
Expiration Date June 29, 2011
By *[Signature]*
Miami Dade Product Control Division

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 7/21/05	
DATE	BY	DESCRIPTION	NO.
08/24/08	W.W.S.	ADD I.G. GLAZING CONDITION	A1
DRAWING TITLE: FEEL SAFE ALUMINUM CLAD WOOD IMPACT AWNING WINDOW			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER: HURD WINDOWS & DOORS, INC.	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873	
CERTIFICATION: OCT 13 2009		DRAWING NO. 1405	
		REV. A	
		SHEET NO. 1 OF 5	



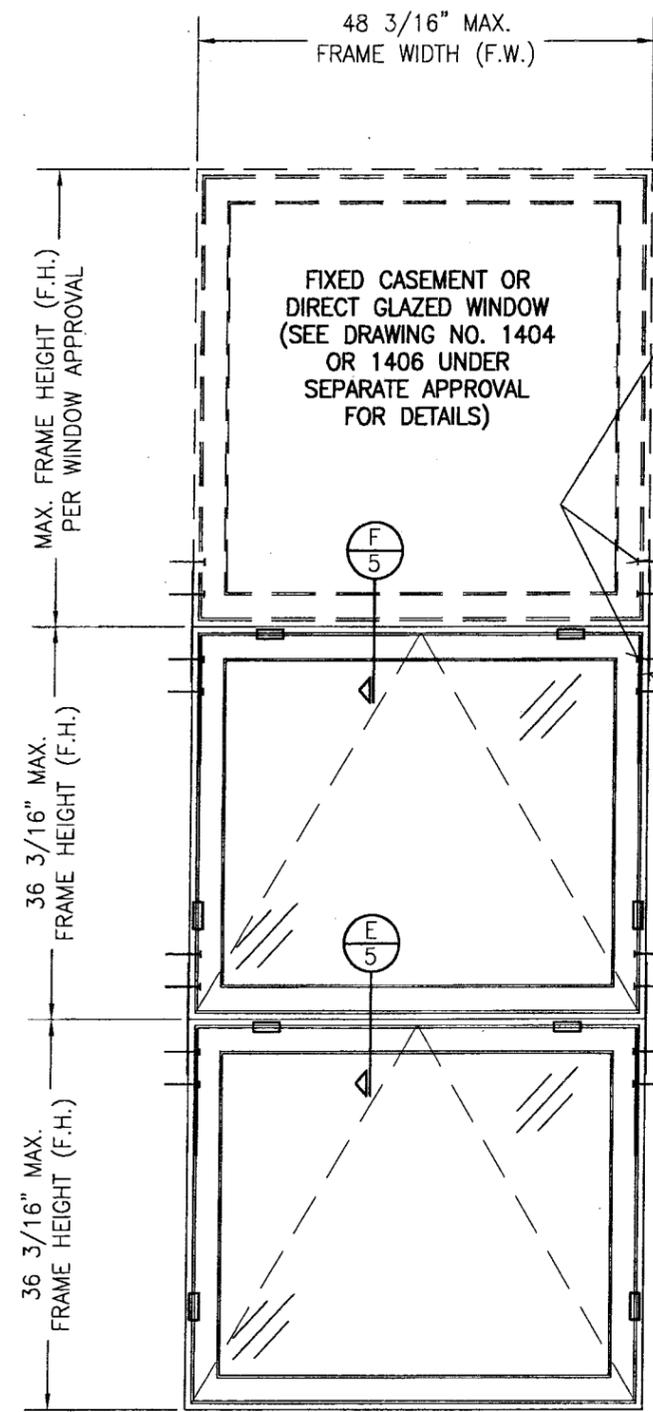
NO. 10 SCREWS PER FRAME ANCHOR REQUIREMENTS TABLE. FOUR (4) TOTAL PER MULLION END WHETHER WINDOW IS SCREW MOUNTED OR FIN MOUNTED.

**EXTERIOR ELEVATION
MULTIPLE OPERABLE/FIXED WINDOWS STACKED HORIZONTAL**

SCALE: 3/4"=1'-0"
(FOR INDIVIDUAL WINDOW INSTALLATION & DETAILS, SEE SINGLE WINDOW ELEVATIONS)
(TRIPLE WINDOW SHOWN. MORE THAN 3 WINDOWS MAY BE COMBINED HORIZONTALLY IN ONE OPENING IN ANY COMBINATION OF FIXED & OPERABLE)
NOTE: FOR FIXED TO FIXED, SEE DRAWING 1404 UNDER SEPARATE APPROVAL

FOR INFORMATION NOT SHOWN, SEE SINGLE WINDOW ELEVATIONS ON SHEET 1

25 GA. X 2 3/8" X 10 1/4" GALVANIZED MULLION END REINFORCEMENT PLATE STAPLED TO EACH JAMB WITH FIVE (5) 16 GA. X 7/16" X 9/16" LONG STAPLES. (TYP. EACH END OF EACH MULLION)



NO. 10 SCREWS PER FRAME ANCHOR REQUIREMENTS TABLE. FOUR (4) TOTAL PER MULLION END WHETHER WINDOW IS SCREW MOUNTED OR FIN MOUNTED.

25 GA. X 2 3/8" X 10 1/4" GALVANIZED MULLION END REINFORCEMENT PLATE STAPLED TO EACH JAMB WITH FIVE (5) 16 GA. X 7/16" X 9/16" LONG STAPLES. (TYP. EACH END OF EACH MULLION)

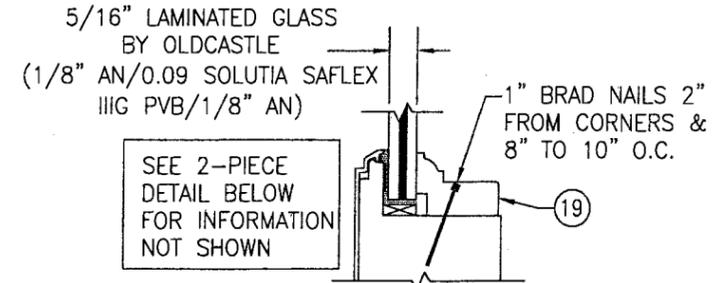
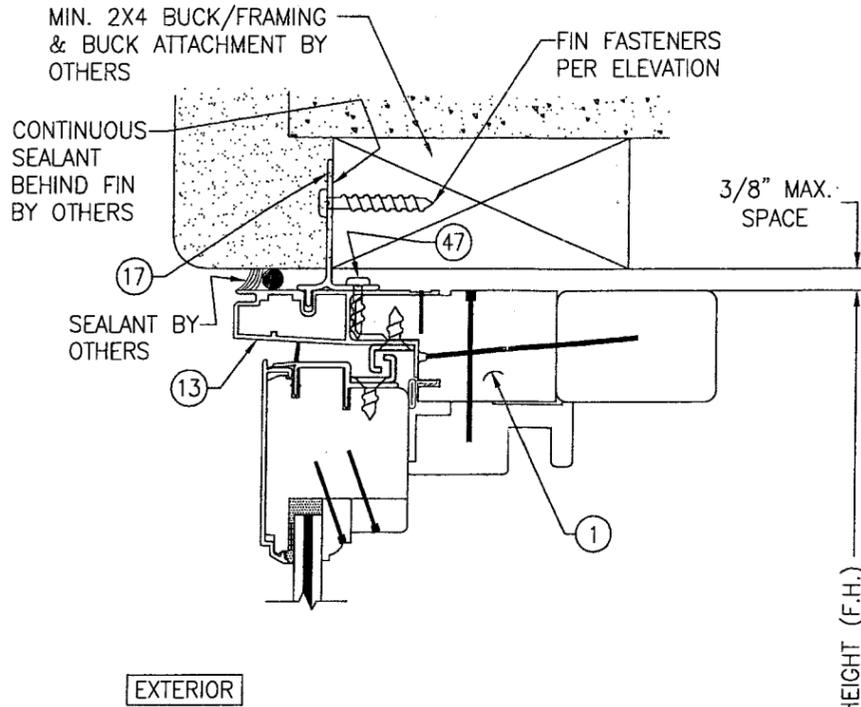
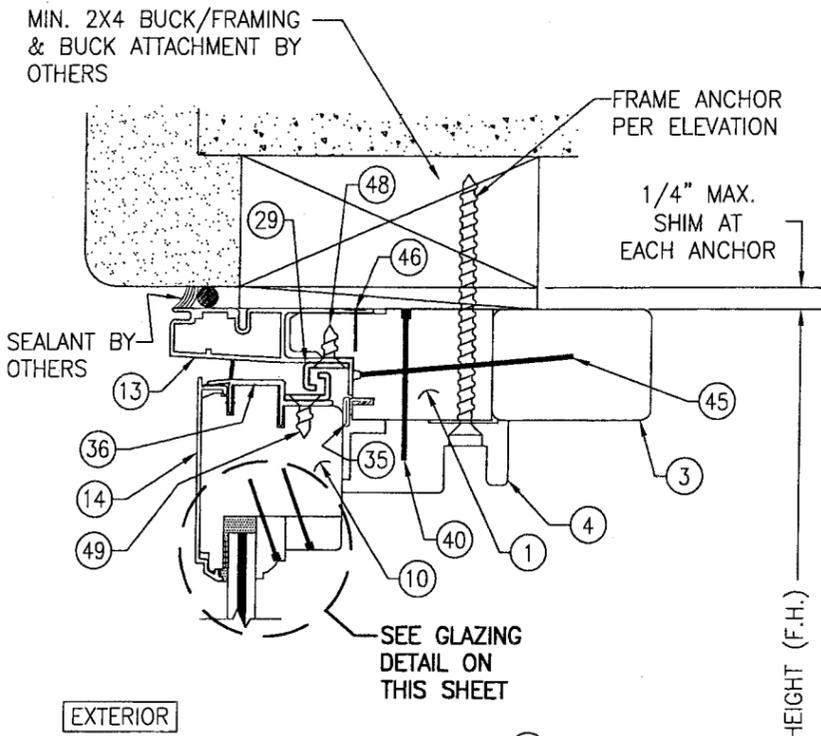
**EXTERIOR ELEVATION
MULTIPLE OPERABLE/FIXED WINDOWS
STACKED VERTICAL**

SCALE: 3/4"=1'-0"
(FOR INDIVIDUAL WINDOW INSTALLATION & DETAILS, SEE SINGLE WINDOW ELEVATIONS)
(TRIPLE WINDOW SHOWN. MORE THAN 3 WINDOWS MAY BE COMBINED VERTICALLY IN ONE OPENING IN ANY COMBINATION OF FIXED & OPERABLE)

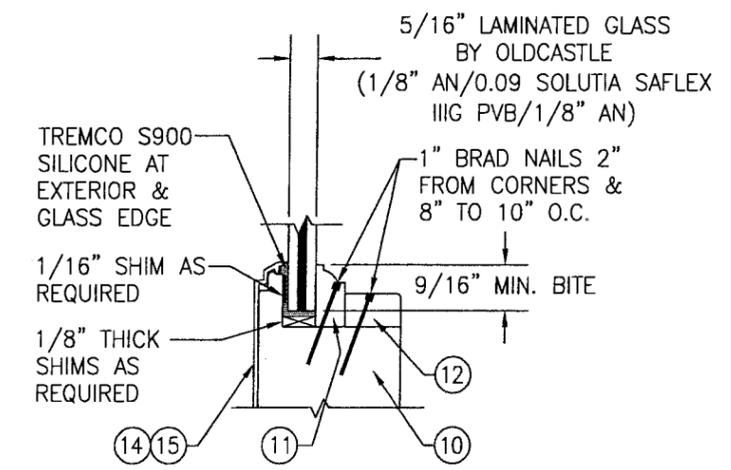
FOR INFORMATION NOT SHOWN, SEE SINGLE WINDOW ELEVATIONS ON SHEET 1

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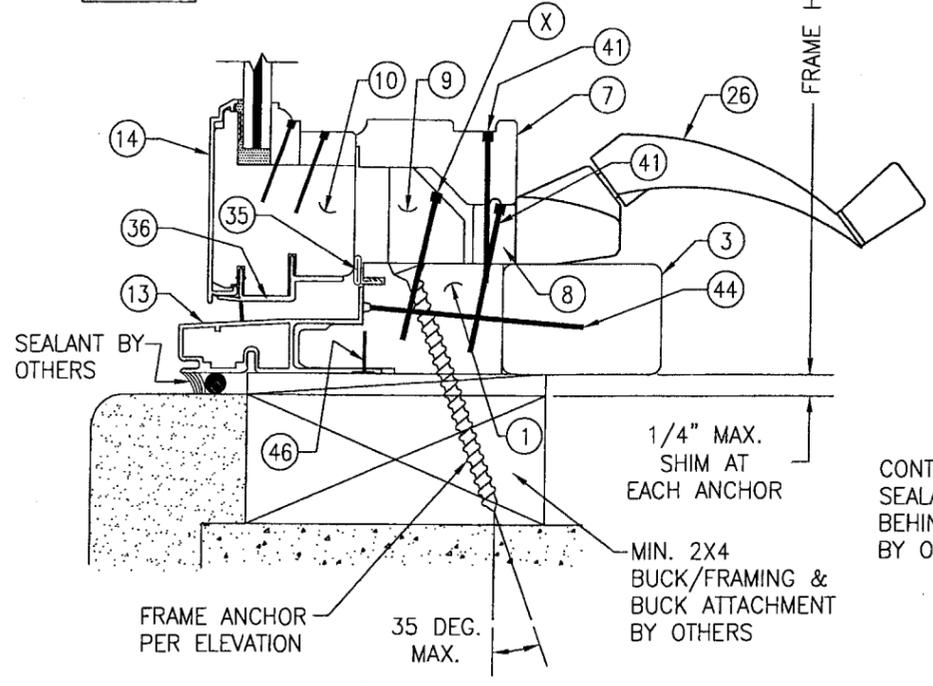
DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=16		DATE: 7/21/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: FEEL SAFE ALUMINUM CLAD WOOD IMPACT AWNING WINDOW			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER: HURD WINDOWS & DOORS, INC.	
8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903		575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873	
CERTIFICATION	OCT 13 2009	WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO.	1405	REV.	A
SHEET NO.	2	OF	5



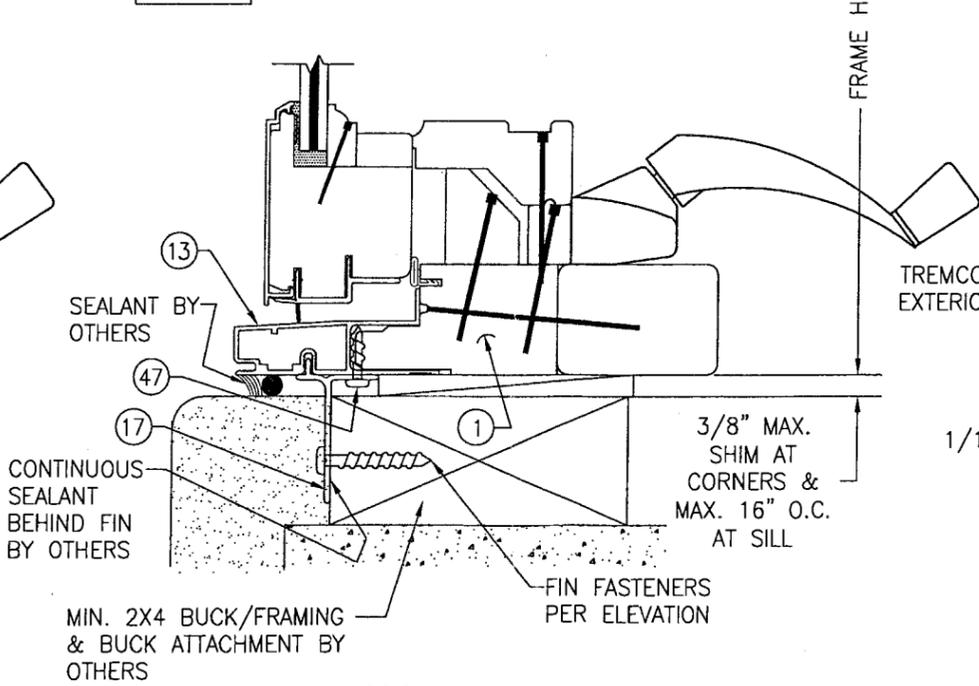
GLAZING DETAIL WITH 1-PIECE GLAZING BEAD



GLAZING DETAIL WITH 2-PIECE GLAZING BEAD

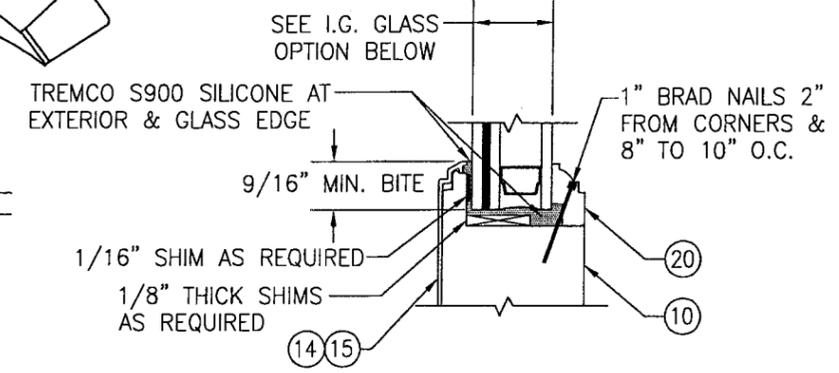


SECTION A1
SCALE: 1/2 FULL



SECTION A2
SCALE: 1/2 FULL

(SEE SECTION A1/3 FOR DETAILS NOT SHOWN)

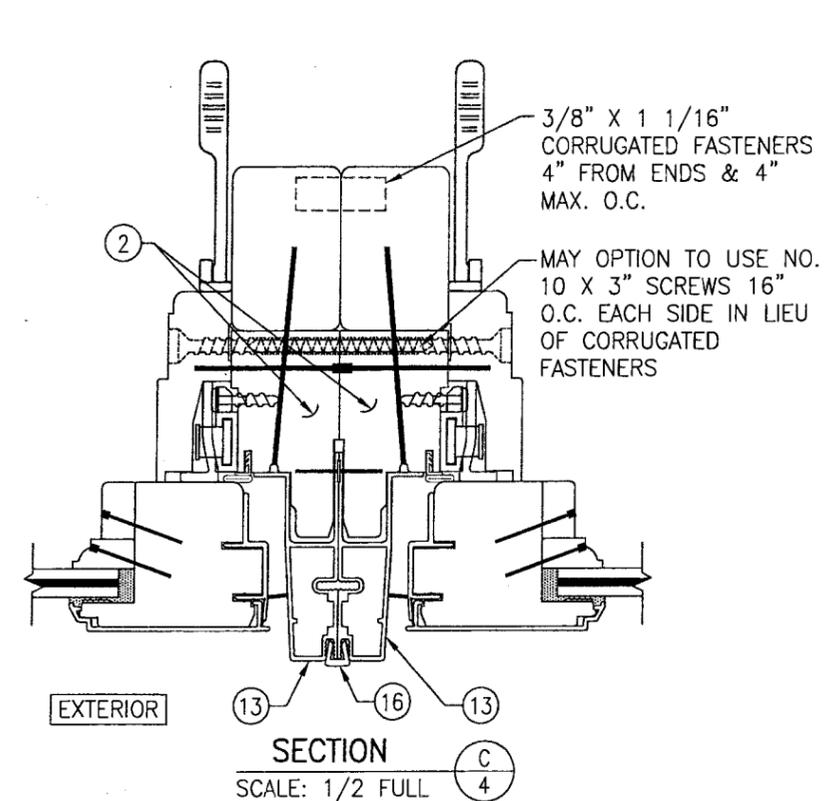
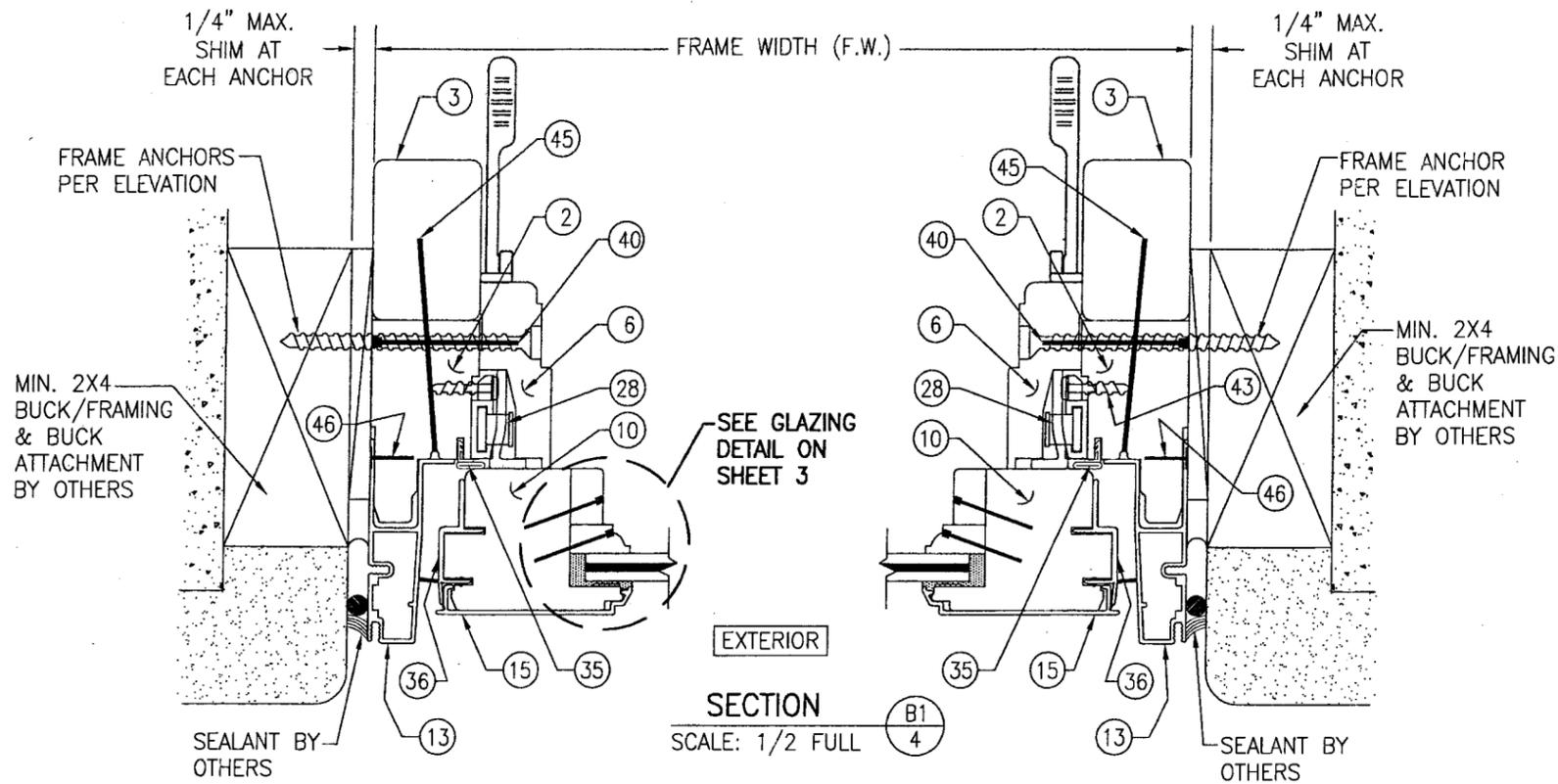


TYPICAL I.G. GLAZING DETAIL

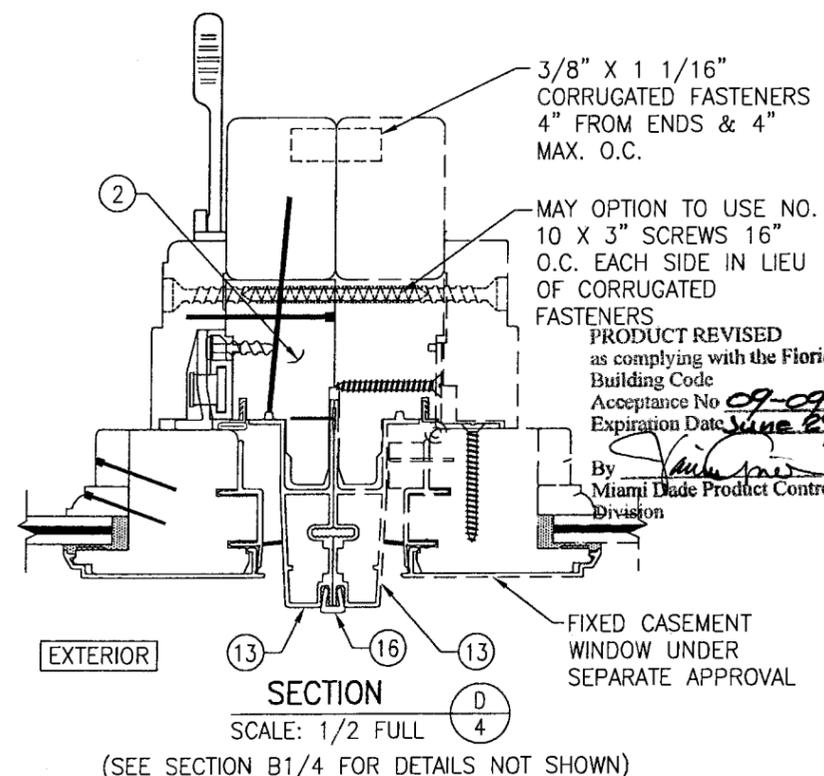
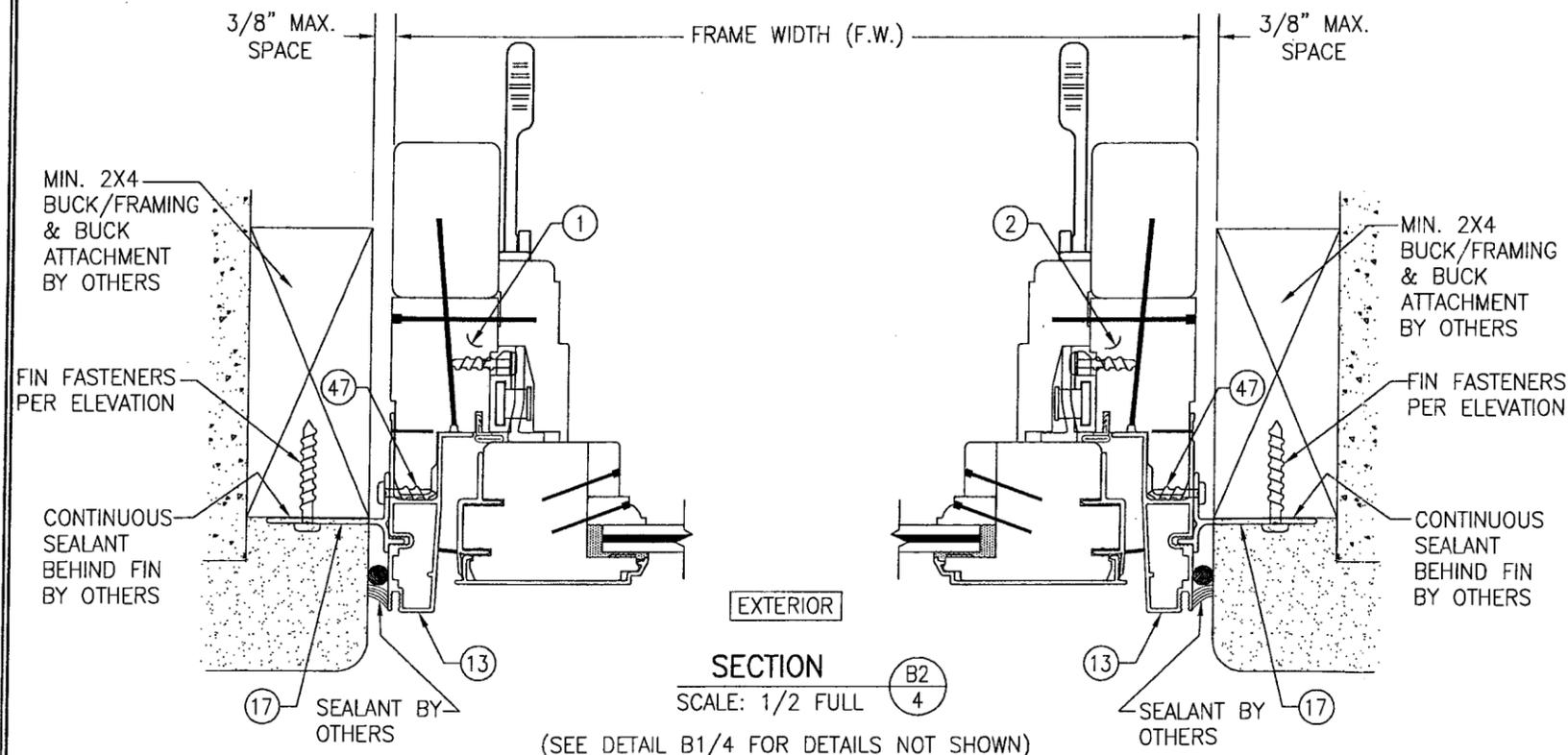
I.G. GLASS OPTION: 7/8" LAMINATED I.G. BY OLDCASTLE (1/8" AN./0.09" SOLUTIA SAFLEX IIIIG PVB/1/8" AN. EXTERIOR; 7/16" SPACER; 1/8" TEMP. INTERIOR)

PRODUCT REVISED as complying with the Florida Building Code
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 By *[Signature]*
 Miami Dade Product Control Division

DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 7/21/05
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE: FEEL SAFE ALUMINUM CLAD WOOD IMPACT AWNING WINDOW	
MANUFACTURER: HURD WINDOWS & DOORS, INC. 575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873	
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1405	REV. A
SHEET NO. 3	OF 5

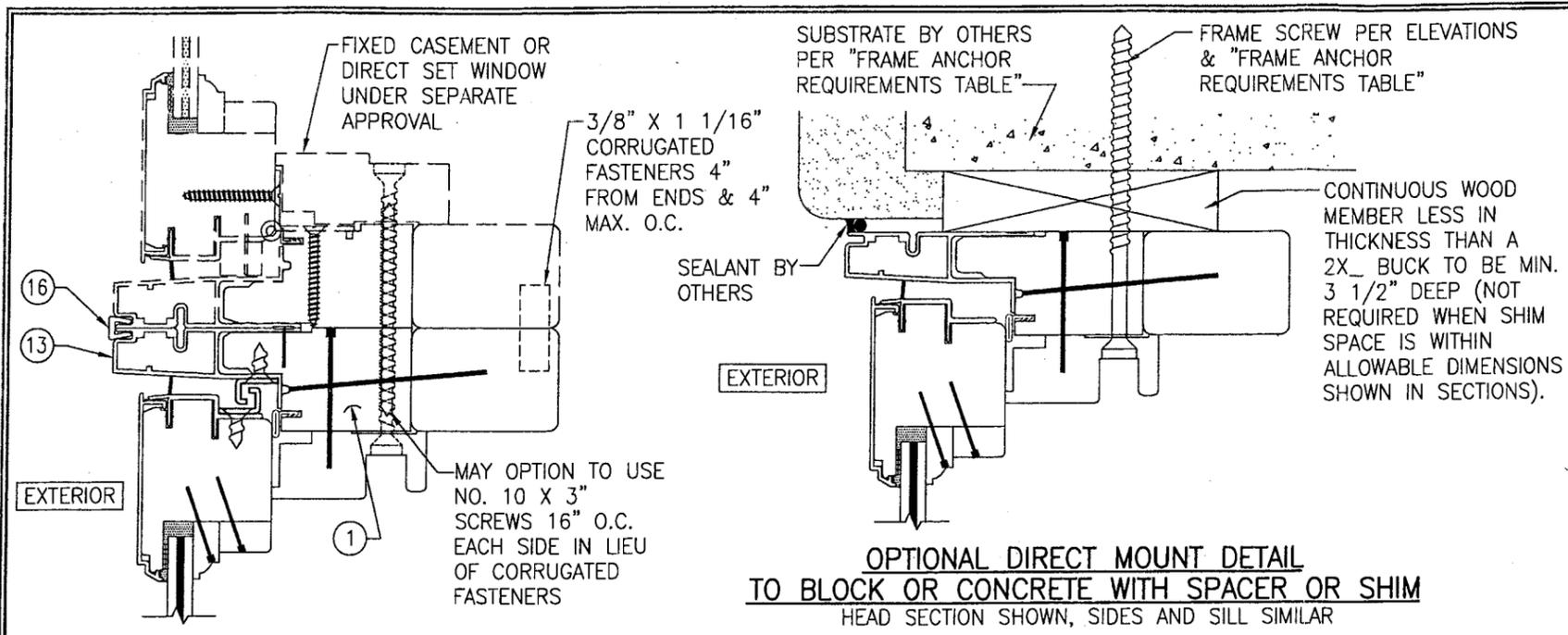


(SEE SECTION B1/4 FOR DETAILS NOT SHOWN)

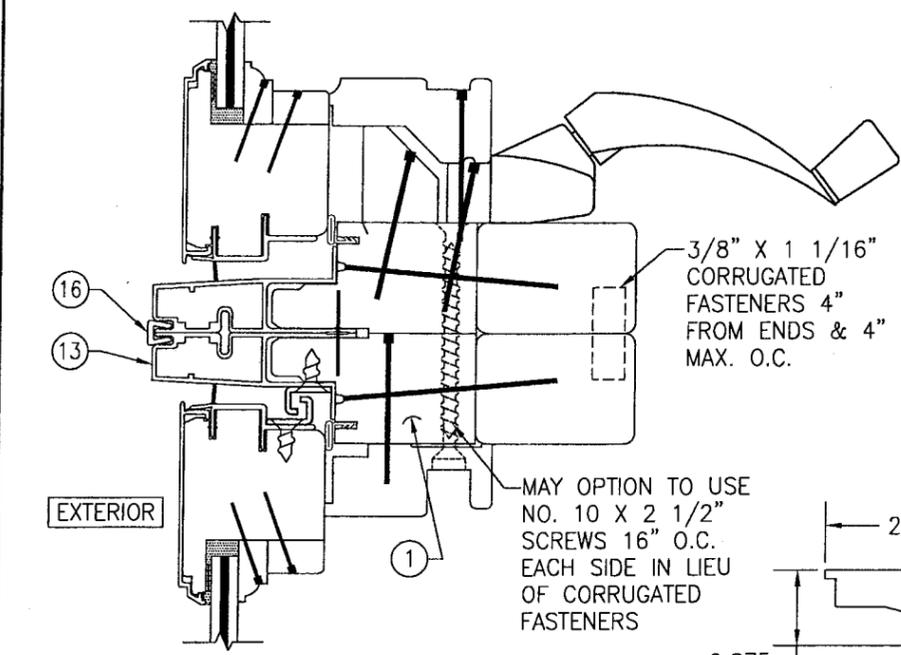


(SEE SECTION B1/4 FOR DETAILS NOT SHOWN)

DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 7/21/05
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE FEEL SAFE ALUMINUM CLAD WOOD IMPACT AWNING WINDOW	
MANUFACTURER HURD WINDOWS & DOORS, INC. 575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8885 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4802 FAX: 561-775-4903	
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. <i>09-0901-08</i> Expiration Date <i>June 29, 2011</i>	
By <i>[Signature]</i> Miami Dade Product Control Division	
CERTIFICATION OCT 13 2009 WARREN W. SCHAEFER, P.E. P.E. NO. 44133	
DRAWING NO.	REV.
1405	A
SHEET NO.	
4 OF 5	

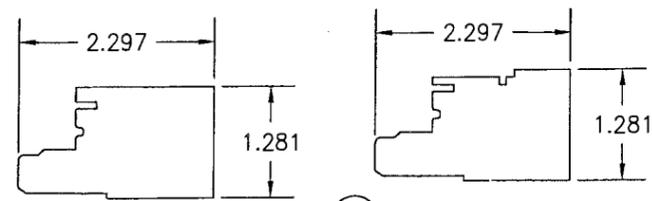


SECTION E
SCALE: 1/2 FULL

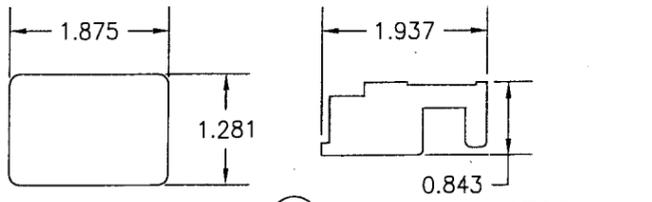


SECTION F
SCALE: 1/2 FULL

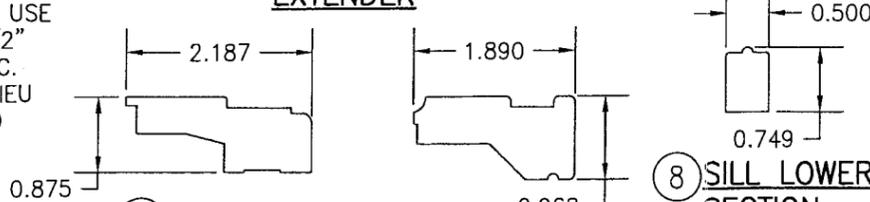
OPTIONAL DIRECT MOUNT DETAIL TO BLOCK OR CONCRETE WITH SPACER OR SHIM HEAD SECTION SHOWN, SIDES AND SILL SIMILAR



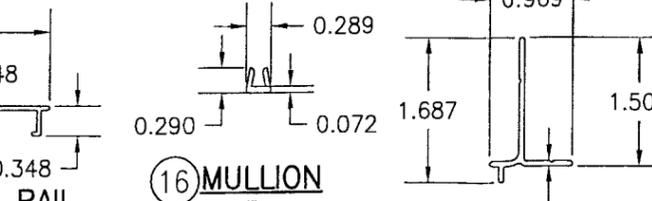
1 HEAD, SILL & HINGE JAMB
2 LOCK SIDE JAMB



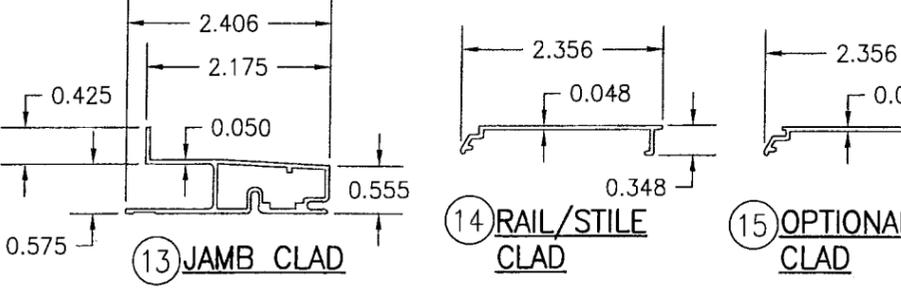
3 JAMB EXTENDER
4 HEAD JAMB STOP



6 JAMB STOP
8 SILL LOWER SECTION



7 SILL COVER
9 SILL STOP BLOCK



13 JAMB CLAD
14 RAIL/STILE CLAD
15 OPTIONAL RAIL CLAD
16 MULLION CLIP
17 NAIL FIN
18 JAMB CORNER KEY
19 1-PIECE GLAZING BEAD
20 I.G. GLAZING BEAD

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.

DRAWING TITLE: FEEL SAFE ALUMINUM CLAD WOOD IMPACT AWNING WINDOW

MANUFACTURER: HURD WINDOWS & DOORS, INC.
575 S. WHELEN AVE.
MEDFORD, WI 54451
800-433-4873

CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
8895 N. MILITARY TRAIL, SUITE C-204
PALM BEACH GARDENS, FL 33410
PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION: OCT 13 2009
WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 09-0901-08
Expiration Date June 29, 2011
By: [Signature]
Miami Dade Product Control Division

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