



**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) 375-2908**

**NOTICE OF ACCEPTANCE (NOA)**

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**Hurd Millwork Company  
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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Aluminum Clad Wood Fixed Window**

**APPROVAL DOCUMENT:** Drawing No. 1045, titled "Aluminum Clad Wood Direct Glazed Impact Window", sheets 1 through 4 of 4, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 6/30/01 with revision on 10/29/02, 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**

**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 # 01-1012.02 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Theodore Berman, P.E.**



**NOA No 02-1120.05  
Expiration Date: January 10, 2007  
Approval Date: January 23, 2003  
Page 1**

**Hurd Millwork Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **1045**, titled "Aluminum Clad Wood Direct Glazed Impact Window", sheets 1 through 4 of 4, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 6/30/01 with revisions "2" and "3" on 10/29/02, signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS**

1. Test reports on
  - 1) Air Infiltration Test, per TAS 202-94
  - 2) Uniform Load Static Air Pressure Test, per TAS 202-94
  - 3) Water Resistance Test, per TAS 202-94
  - 4) Forced Entry Test, per FBC 2411.3.2.1 and TAS 202-94
  - 5) Large Missile Impact Test, FBC PA 201-94
  - 6) Cyclic Loading Test, per FBC PA 203-94

along with installation diagram of Wood fixed windows, marked-up by Certified Testing Laboratory, Inc., Test Report No. **CTLA-679WD**, specimen # **1, 2, 4, 5, 8, 9, 11A, 12 & 13** dated 04/10/01 thru 06/25/01, signed and sealed by Ramesh Patel, P. E. (This test report has been revised on 11-20-01, signed and sealed by Ramesh Patel, P. E. )

2. Test reports on
  - 1) Air Infiltration Test, per TAS 202-94
  - 2) Uniform Load Static Air Pressure Test, per TAS 202-94
  - 3) Large Missile Impact Test, FBC PA 201-94
  - 4) Cyclic Loading Test, per FBC PA 203-94

along with installation diagram of Wood fixed windows, marked-up by Certified Testing Laboratory, Inc., Test Report No. **CTLA-899WD**, specimen # **3A, 8A, 4A, 7B & 8B** dated 05/08/02 thru 05/08/02, signed and sealed by Ramesh Patel, P. E. (This test report has been revised on 10/08/02, signed and sealed by Ramesh Patel, P. E.) Patel, P.E.

**C. CALCULATIONS**

***Submitted under NOA #01-1012.024***

1. Anchor Calculations and structural analysis dated 10/29/02, prepared, signed and sealed by Wendell Haney, P.E.



Theodore Berman, P.E.

Deputy Director, Product Control Division

NOA No 02-1120.05

Expiration Date: January 10, 2007

Approval Date: January 23, 2003

**Hurd Millwork Company**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

(For File ONLY. Not part of NOA)

**D. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **01-0206.22** for "Cardinal Sea-Storm Type B" laminated glass, issued to Cardinal LG, expiring 12-30-2002.
2. Notice of Acceptance No. **98-0608.03** for "Sentry Glass Plus" laminated glass, issued E. I. Dupont De-Nemours, expiring 01-14-2002.
3. Notice of Acceptance No. **00-0822.03** for "Saflex HP" laminated glass, issued Solutia Inc. expiring 04/14/03.

**4. STATEMENTS**

1. Statement letter of no financial interest, dated 10/10/02, signed by Steve Frey.

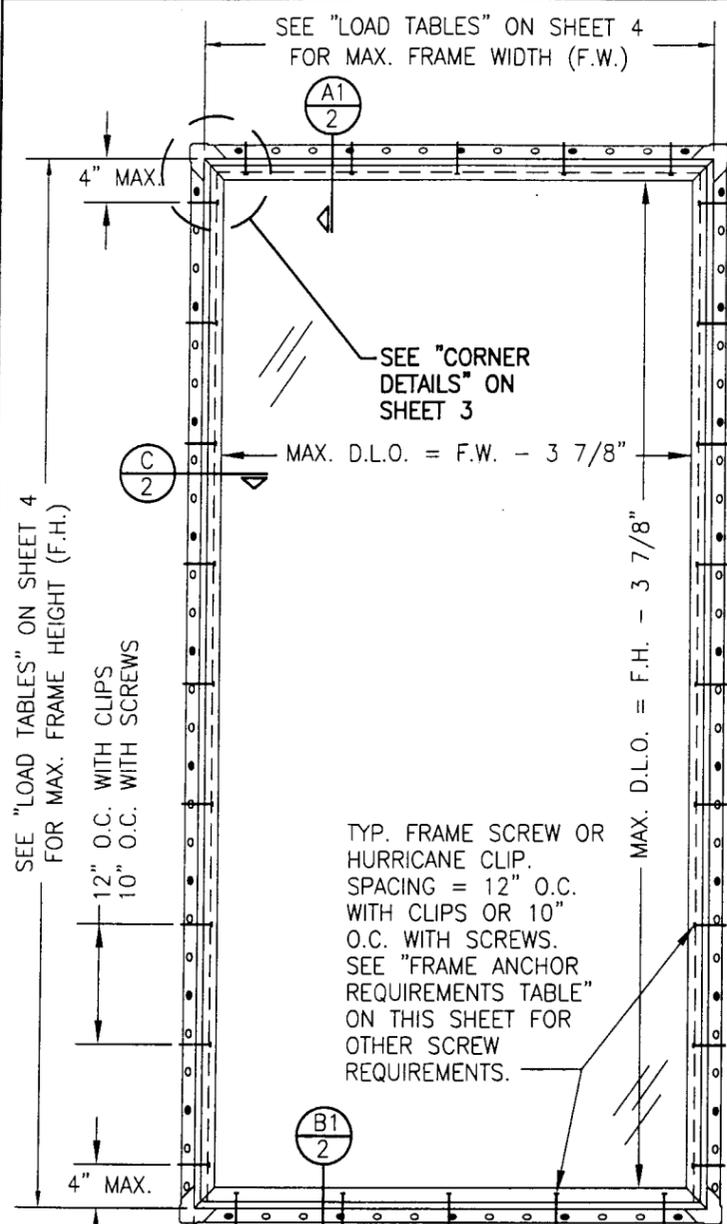
**5. OTHER**

1. Notice of Acceptance No. **01-1012.02**, issued to Hurd Millwork Company, for "Aluminum Clad Wood Fixed Window-Impact" dated 01/10/, expiring on 01/10/07.
2. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).



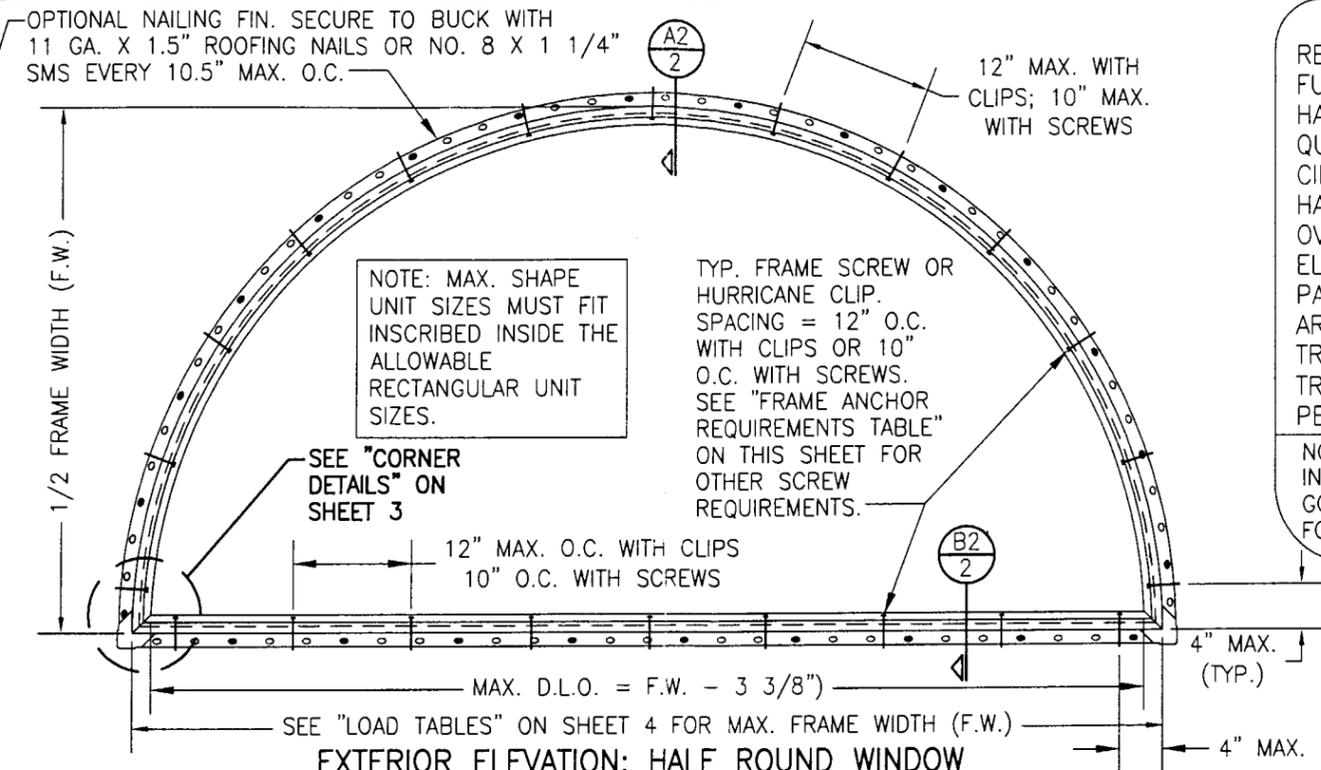
**Theodore Berman, P.E.**  
**Deputy Director, Product Control Division**  
**NOA No 02-1120.05**

**Expiration Date: January 10, 2007**  
**Approval Date: January 23, 2003**

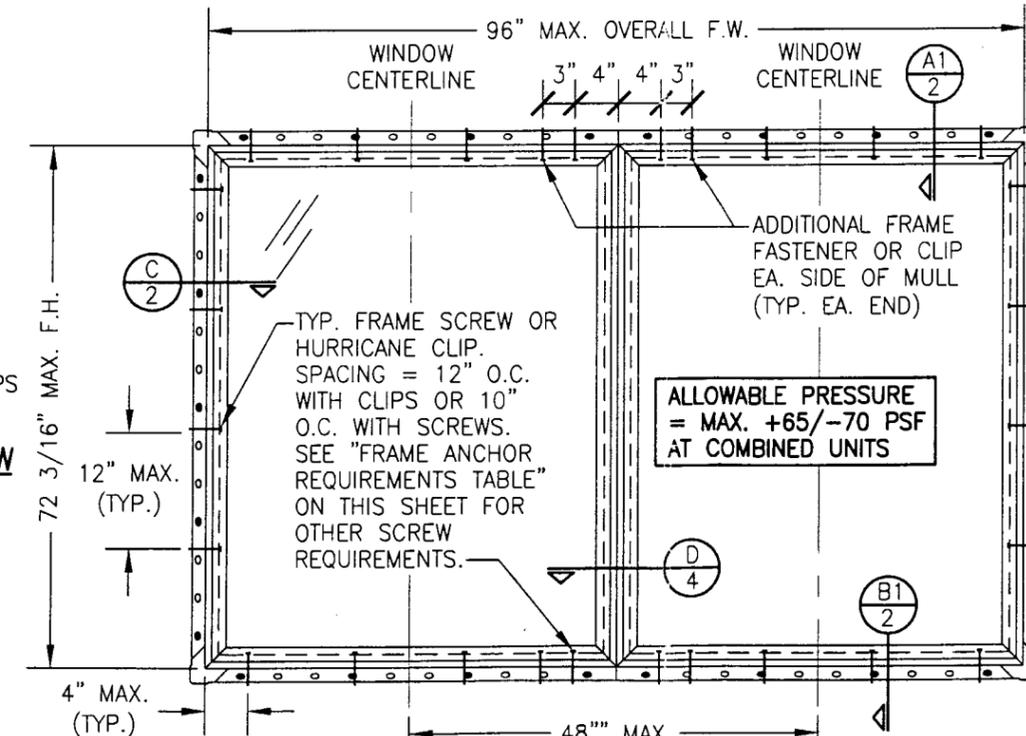


**EXTERIOR ELEVATION: RECTANGULAR WINDOW**  
SCALE: 3/4"=1'-0"

FOR ALLOWABLE DESIGN WIND PRESSURE ON SINGLE WINDOWS, SEE LOAD TABLES ON SHEET 4



**EXTERIOR ELEVATION: HALF ROUND WINDOW**  
(OTHER RADIUS/CURVE SHAPES SIMILAR)  
SCALE: 3/4"=1'-0"



**EXTERIOR ELEVATION: MULTIPLE FIXED WINDOWS**  
(MAX. FOUR UNITS MAY BE COMBINED)  
SEE OTHER ELEVATIONS FOR FIXED WINDOW DETAILS  
SCALE: 3/4"=1'-0"  
(MAY BE MULLED VERTICAL OR HORIZONTAL)

**MULTIPLE UNIT NOTES:**

1. ALL WINDOWS ARE RESTRICTED BY THE DIMENSIONS SHOWN.
2. THE MAXIMUM ALLOWABLE PRESSURE FOR A COMBINED UNIT IS RESTRICTED BY THE LESSER OF THE INDIVIDUAL WINDOW ALLOWABLE PRESSURE OR +65/-70 PSF UNLESS A CLIPPED MULLION IS USED PER HURD'S MULLION APPROVAL.
3. FOR CLIPPED MULLION COMBINATIONS, SEE DRAWINGS NO. 1047 UNDER SEPERATE APPROVAL.

**APPROVED SHAPES**

RECTANGULAR	OCTAGON
FULL CIRCLE	CATHEDRAL/GOTHIC
HALF CIRCLE	EXTENDED ELLIPTICAL
QUARTER CIRCLE	MITERED CORNER
CIRCLE TOP	PARALLELOGRAM
HALF CIRCLE TOP	INVERTED CIRCLE TOP
OVAL	INVERTED ARCH TOP
ELLIPTICAL	EXTENDED HALF ROUND
PARTIAL ELLIPTICAL	EXTENDED SEGMENTAL
ARCH TOP	QUARTERFOIL
TRAPEZOID	PARTIAL ARCH
PENTAGON	EYEBROW

NOTE: ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF FOR THE RESPECTIVE RECTANGULAR UNIT.

**FRAME ANCHOR REQUIREMENTS TABLE**

OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 10 SMS SCREW	1 3/8"	1"
CMU/CONCRETE	1/4" TAPCON	1 1/4"	2"

**ANCHOR NOTE:** FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS SPACER, OR ANCHORED TO A MIN. 2X4 NO. 3 SOUTHERN PINE WOOD BUCK. WHEN ANCHORED THROUGH JAMB TO A 2X4 BUCK, NO. 10 SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER, 1/4" TAPCONS SHALL BE USED. SEE "ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS. PROPER MATERIAL SHALL BE USED BETWEEN ALL DISSIMILAR MATERIALS (BLOCK/CONCRETE & ALUMINUM).

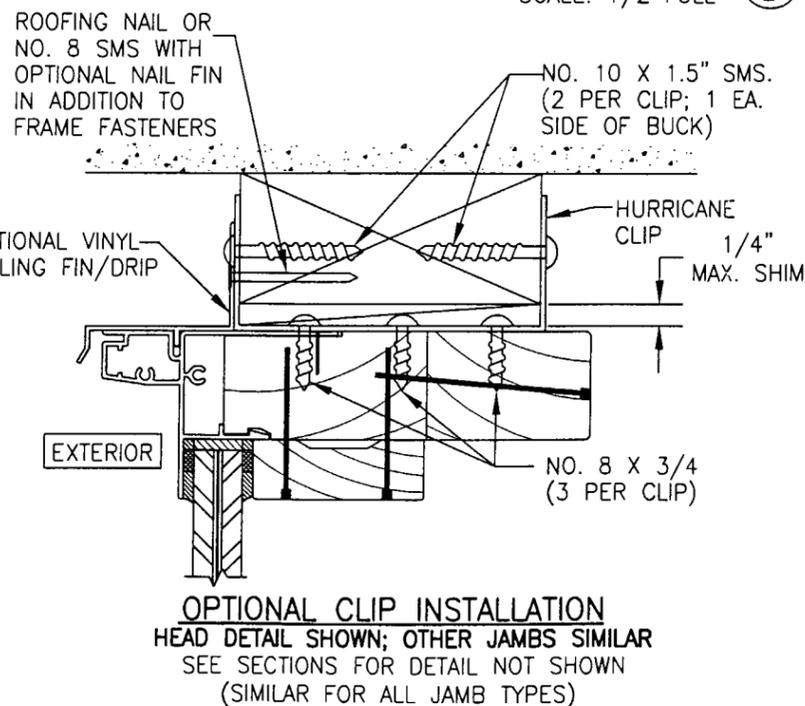
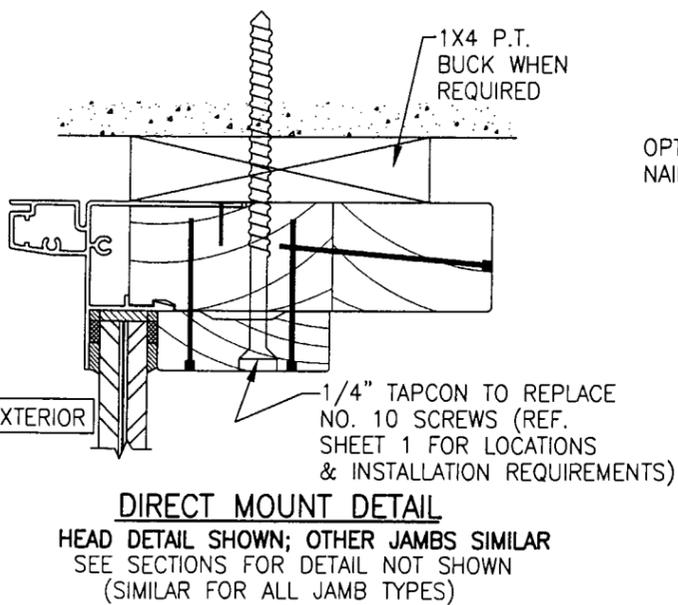
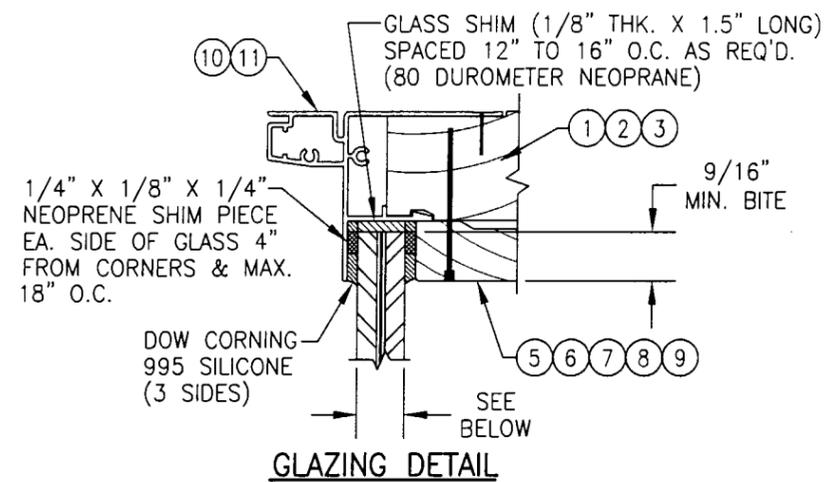
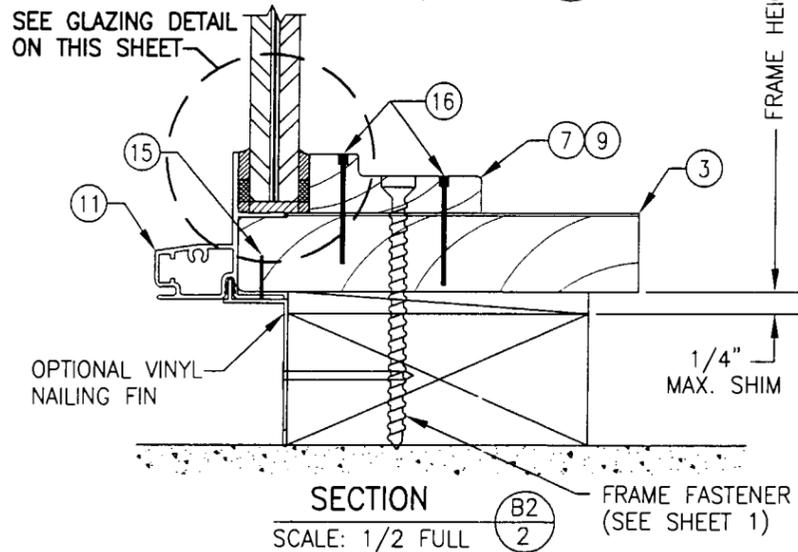
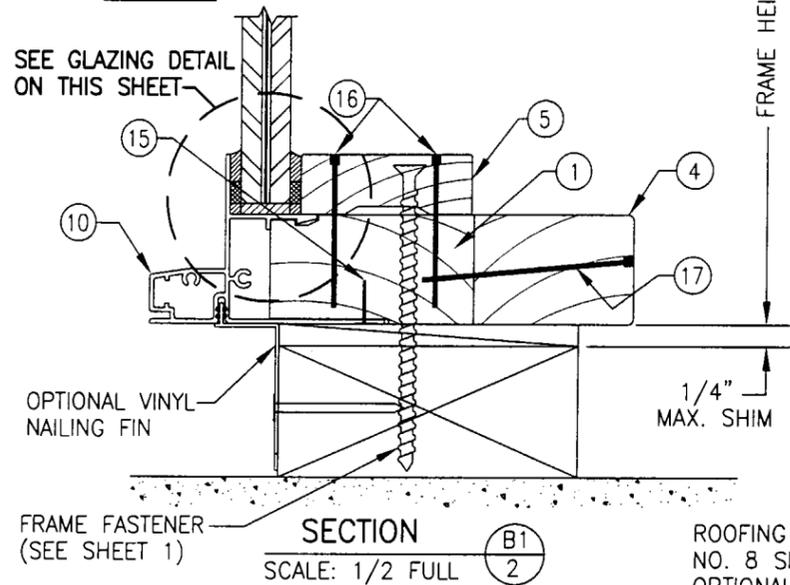
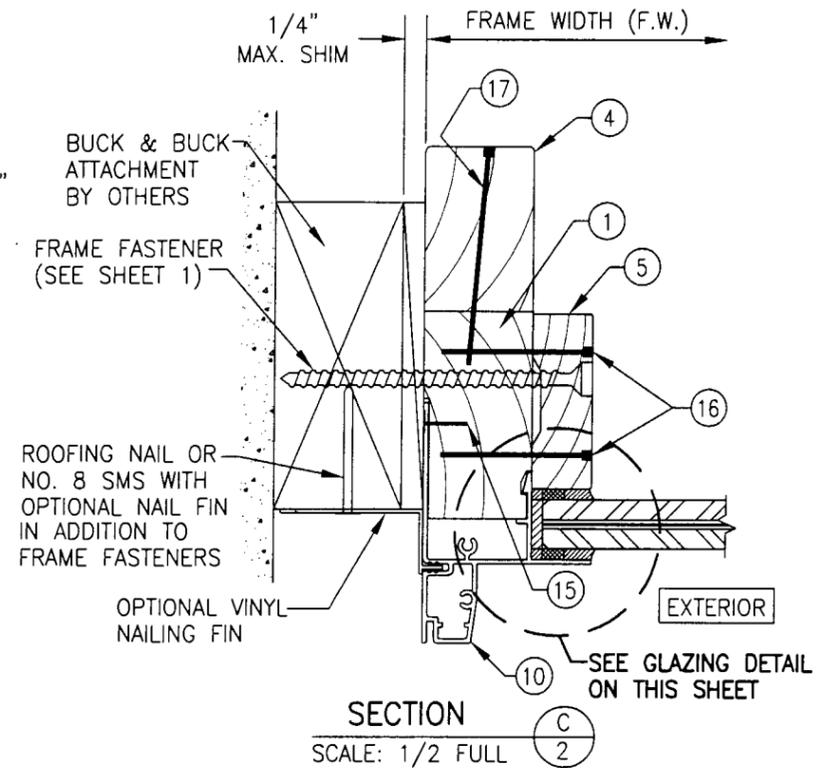
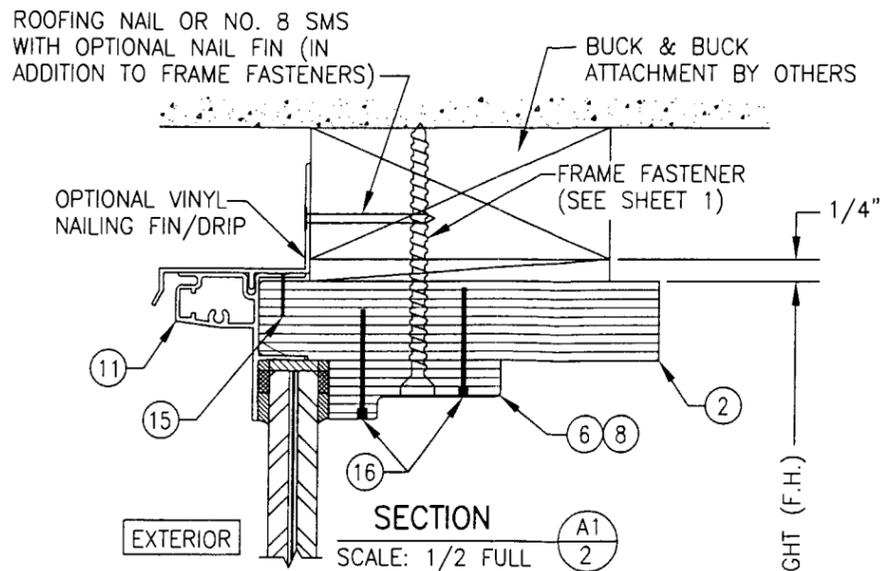
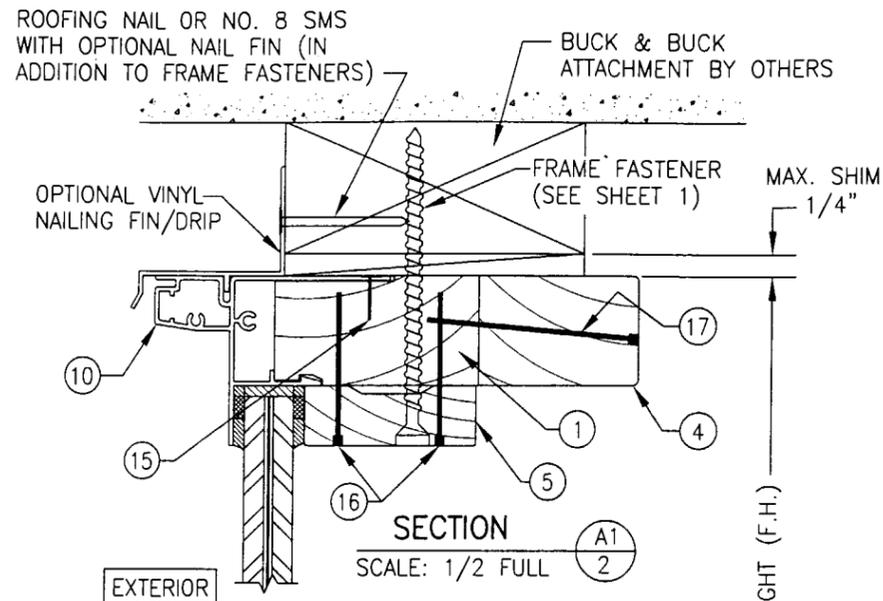
**GENERAL NOTES**

1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE.
2. BUCKING, OPENINGS & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA 201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS.
5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE SOUTH FLORIDA BUILDING CODE (F.B.C.).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
7. ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No 02-1120.05  
Expiration Date 01/10/07

By *Clayton Loman*  
Miami Dade Product Control Division

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 06/30/01
DATE 10/29/02	BY W.W.S.
REVISION DESCRIPTION	NO.
1 ADDED MULLED UNITS	1
DRAWING TITLE <b>ALUMINUM CLAD WOOD DIRECT GLAZED IMPACT WINDOWS</b>	
MANUFACTURER <b>HURD MILLWORK CO., INC.</b> 575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873	
CONSULTANTS <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION <b>OCT 29 2002</b> WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. <b>1045</b>	REV. 1
SHEET NO. 1 OF 4	



**CARDINAL SEASTORM TYPE "B" LAMINATED GLASS**

- OPTION 1) 7/16" THICK OVERALL (3/16" AN/0.015 PVB/0.007 PET/0.075 PVB/3/16" AN)
- OPTION 2) 9/16" THICK OVERALL (1/4" AN/0.015 PVB/0.007 PET/0.075 PVB/1/4" AN)
- OPTION 3) 9/16" THICK OVERALL (1/4" HS/0.015 PVB/0.007 PET/0.075 PVB/1/4" HS)

**DUPONT SENTRY GLASS PLUS (SGP)**

- OPTION 4) 9/16" THICK OVERALL (1/4" HS/0.09 SGP/1/4" HS)

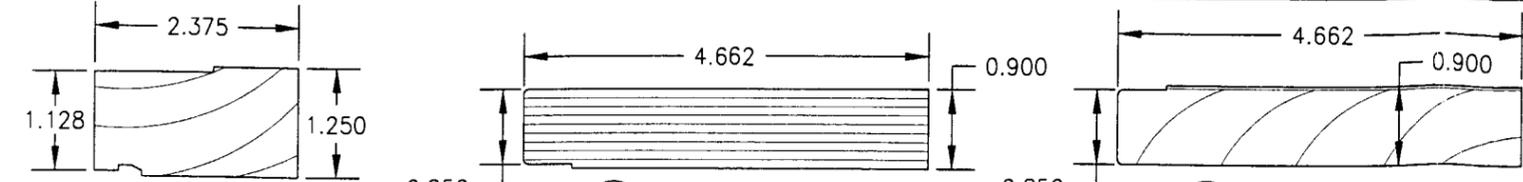
**SOLUTIA SAFLEX HP LAMINATED GLASS**

- OPTION 5) 7/16" THICK OVERALL (3/16" AN/0.10 SAFLEX HP/3/16" AN)
- OPTION 6) 9/16" THICK OVERALL (1/4" HS/0.10 SAFLEX HP/1/4" HS)

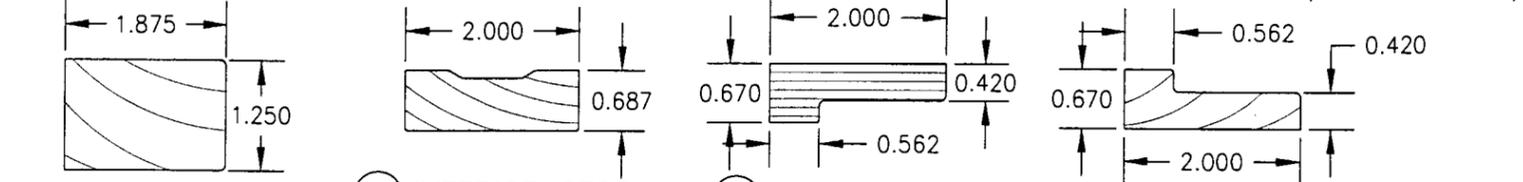
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No 02-1120.05  
Expiration Date 01/10/07

By *Merrill Beaman*  
Miami Dade Product Control  
Division

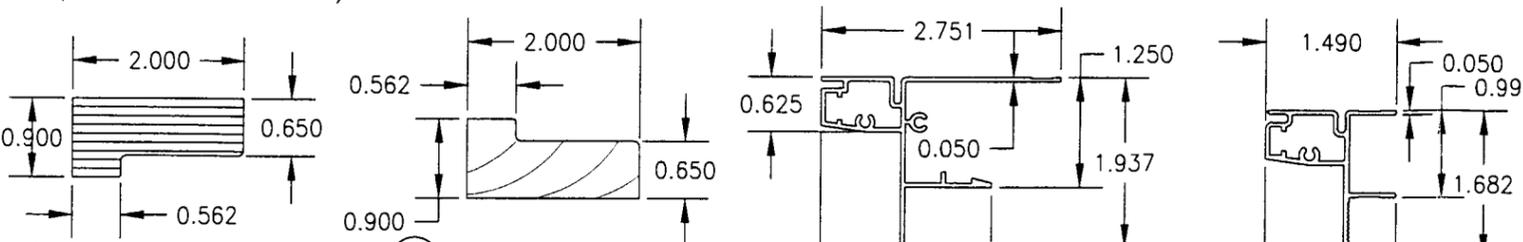
DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 06/30/01	
NO.	REVISION DESCRIPTION	DATE	BY
2	ADDED SAFLEX HP GLASS	10/29/02	W.W.S.
DRAWING TITLE: ALUMINUM CLAD WOOD DIRECT GLAZED IMPACT WINDOWS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		MANUFACTURER: HURD MILLWORK CO., INC.	
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903		575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873	
CERTIFICATION: OCT 29 2002			
DRAWING NO. 1045		REV.	
SHEET NO. 2		OF 4	



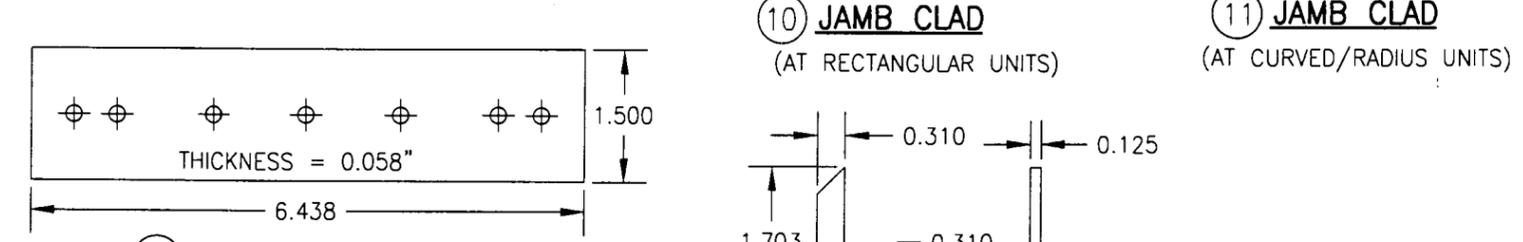
① **RECTANGULAR JAMB**  
 ② **RADIUS JAMB**  
 ③ **STRAIGHT JAMB**  
 (AT CURVED/RADIUS WINDOWS)



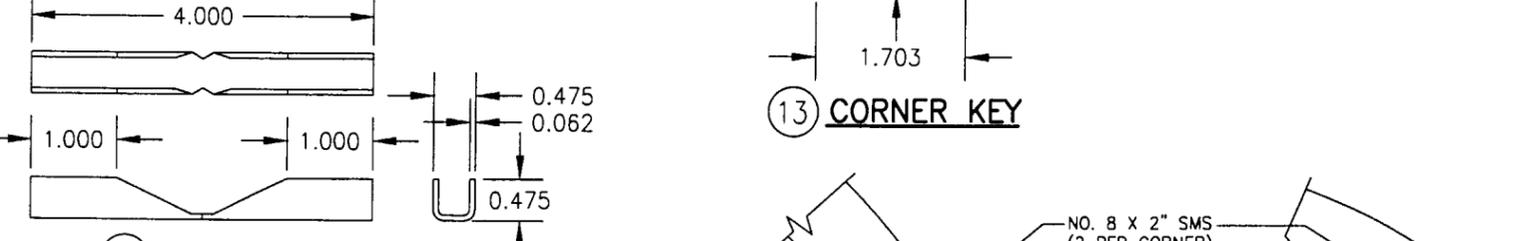
④ **JAMB EXTENDER**  
 (AT RECTANGULAR JAMBS)  
 ⑤ **INTERIOR STOP**  
 (AT RECTANGULAR UNITS)  
 ⑥ **INTERIOR STOP**  
 (AT RADIUS UNITS)  
 ⑦ **INTERIOR STOP**  
 (AT RADIUS UNITS)



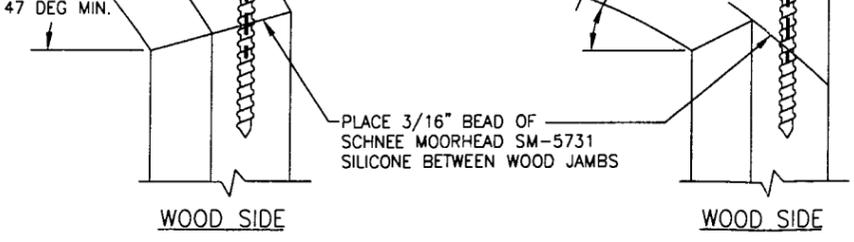
⑧ **INTERIOR STOP**  
 (AT ELLIPTICAL UNITS)  
 ⑨ **INTERIOR STOP**  
 (AT ELLIPTICAL UNITS)  
 ⑩ **JAMB CLAD**  
 (AT RECTANGULAR UNITS)  
 ⑪ **JAMB CLAD**  
 (AT CURVED/RADIUS UNITS)



⑫ **HURRICANE CLIP**



⑬ **CORNER KEY**  
 ⑭ **CORNER KEY**

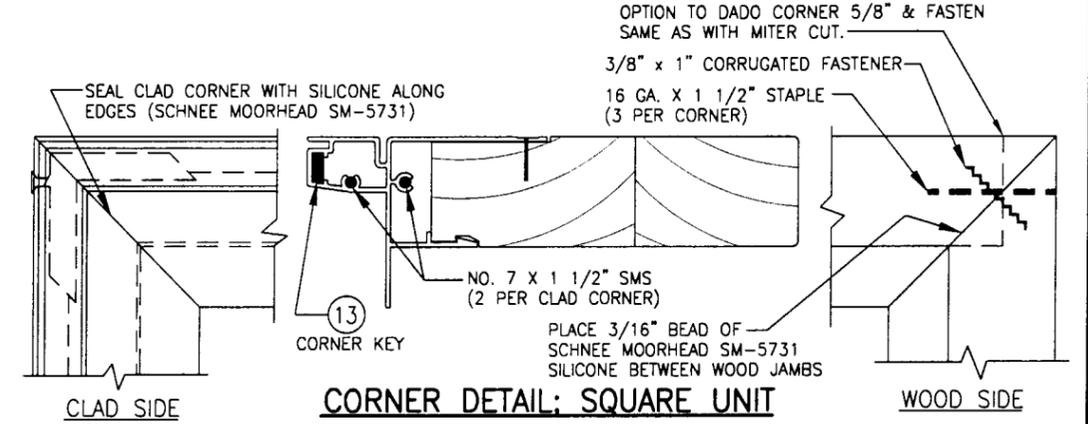


**CORNER DETAIL**  
**SEGMENTAL OVER 47 DEG.**  
**CORNER DETAIL**  
**SEGMENTAL UNDER 47 DEG.**

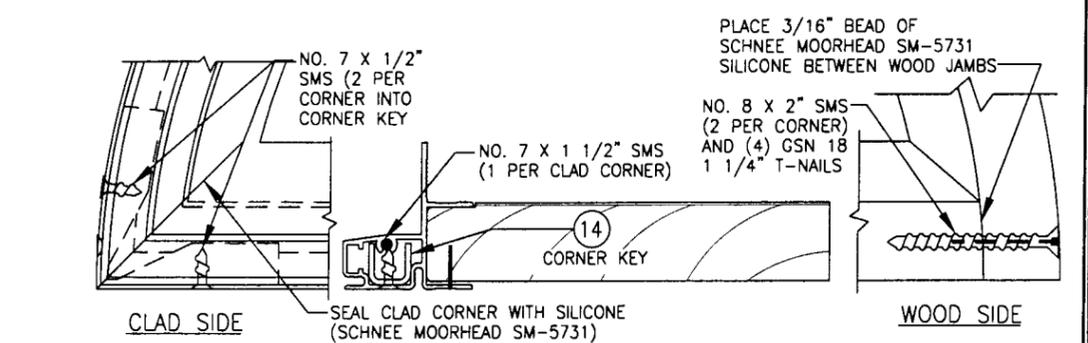
JAMB SIDE SIMILAR TO "RADIUS TO SQUARE" JAMB SIDE SIMILAR TO "RADIUS TO SQUARE"

ITEM #	PART	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	CDS1	RECTANGULAR WINDOW JAMB	* PONDEROSA/SUGAR PINE
2	CT25	RADIUS JAMB	LVL
3	CT26	STRAIGHT JAMB AT RADIUS/CURVE WINDOWS	* PONDEROSA/SUGAR PINE
4	CDS3	JAMB EXTENDER	* PONDEROSA/SUGAR PINE
5	CDS2	INTERIOR STOP (W/RECTANGULAR JAMBS)	* PONDEROSA/SUGAR PINE
6	CT20	INTERIOR STOP (W/RADIUS JAMBS)	LVL
7	CT20	INTERIOR STOP (W/RADIUS UNITS STRAIGHT JAMB)	* PONDEROSA/SUGAR PINE
8	CT20	INTERIOR STOP (W/ELLIPTICAL JAMBS)	LVL
9	CT20	INTERIOR STOP (W/ELLIPTICAL UNITS STRAIGHT JAMBS)	* PONDEROSA/SUGAR PINE
10	CDS4	JAMB CLAD (W/RECTANGULAR JAMBS)	6063-T5 ALUMINUM
11	CT1200	JAMB CLAD (W/CURVED/RADIUS JAMBS)	6063-T5 ALUMINUM
12	-	16 GAGE (0.058" THK.) HURRICANE CLIP	STEEL (Fy = 33 ksi MIN.)
13	CDH315	CORNER KEY (W/RECTANGULAR UNITS)	6063-T5 ALUMINUM
14	CCSE1095	CORNER KEY (W/SHAPED UNITS)	6060-T5 ALUMINUM
MISCELLANEOUS FASTENERS			
15	-	1/2" LG. X 1/8" WIDE CROWN STAPLE	4" FROM CORNER & 6" O.C.
16	-	14 GA. X 1 1/4" T-NAILS	2 NAILS 1" FROM CORNER & 6" O.C.
17	-	14 GA. X 2 1/2" T-NAILS	4" FROM CORNER & 8" O.C.

\* WOOD USED WITH TEST UNITS WAS PONDEROSA PINE. ALTERNATE WOOD TO BE APPLICABLE WITH THESE WINDOWS IS MIN. GRADE 2 MAHOGANY, SOUTHERN PINE, OAK, CHERRY, MAPLE, DOUGLAS FIR & CYPRUS.



**CORNER DETAIL: SQUARE UNIT**  
 MAY OPTION TO SQUARE CUT CORNER OF WOOD JAMB & SECURE SAME AS AT THE "RADIUS TO SQUARE CORNER DETAIL"



**CORNER DETAIL: RADIUS TO SQUARE**

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
DATE: 06/30/01	DATE: 06/30/01
PLT: 1=2	NO.:
REVISION DESCRIPTION	BY
NO.	DATE
ALUMINUM CLAD WOOD DIRECT GLAZED IMPACT WINDOWS	
MANUFACTURER	
<b>HURD MILLWORK CO., INC.</b>	
575 S. WHELEN AVE. MEDFORD, WI 54451 800-33-4873	
CONSULTANTS	
<b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b>	
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	
DRAWING TITLE	
CERTIFICATION	
OCT 29 2002	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1045	REV.
SHEET NO. 3	OF 4

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 02-1120.05  
 Expiration Date 01/10/07  
 By *Charles Derman*  
 Miami Dade Product Control  
 Division

**ALLOWABLE DESIGN PRESSURE  
(WITH CARDINAL OR SOLUTIA 7/16" ANNEALED LAMINATED GLASS)  
(GLASS OPTION 1 OR 5)**

(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (POSITIVE & NEGATIVE PSF)														
24"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	77.8	69.7
30"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0		
36"	80.0	80.0	80.0	80.0	76.4	73.7	71.4	69.5	62.7	66.0					
42"	80.0	80.0	78.0	72.2	67.1	63.0	59.3	56.5							
48"		77.4	70.5	64.4	58.9	54.0									
54"			62.6	57.2											
(1) LONG DIMENSION	42"	48"	54"	60"	66"	72"	78"	84"	90"	96"	108"	120"	132"	144"	

**ALLOWABLE DESIGN PRESSURE  
(WITH DUPONT OR SOLUTIA 9/16" HEAT STRENGTHENED LAMINATED GLASS)  
(GLASS OPTION 4 OR 6)**

(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (POSITIVE & NEGATIVE PSF)														
36"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
42"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	
48"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0		
54"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0		
60"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0		
66"		72.7	72.7	72.7	72.7										
72"			N/A	66.7	66.7										
(1) LONG DIMENSION	60"	66"	72"	78"	84"	90"	96"	108"	120"	132"	144"				

**ALLOWABLE DESIGN PRESSURE  
(WITH CARDINAL 9/16" ANNEALED LAMINATED GLASS)  
(GLASS OPTION 2)**

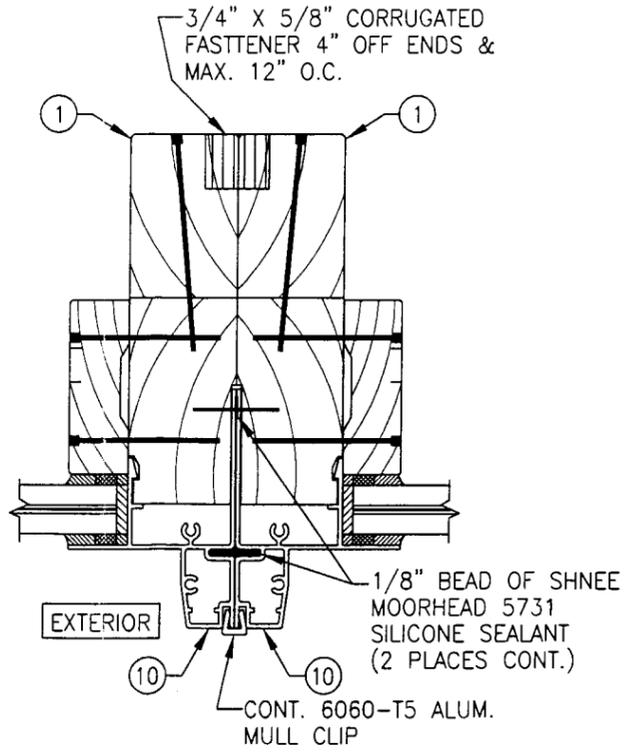
(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (POSITIVE & NEGATIVE PSF)														
30"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
36"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0					
42"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0							
48"	80.0	80.0	80.0	80.0	76.7	72.5	68.5								
54"	80.0	80.0	77.2	70.2	64.1										
60"	80.0	74.4	67.7												
66"		66.3													
(1) LONG DIMENSION	60"	66"	72"	78"	84"	90"	96"	108"	120"	132"	144"				

**ALLOWABLE DESIGN PRESSURE  
(WITH CARDINAL 9/16" HEAT STRENGTHENED LAMINATED GLASS)  
(GLASS OPTION 3)**

(1) SHORT DIMENSION	DESIGN LOAD CAPACITY (POSITIVE & NEGATIVE PSF)														
30"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
36"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
42"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
48"	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
54"	80.0	80.0	80.0	80.0	80.0										
60"	80.0	80.0	80.0												
66"		72.7													
(1) LONG DIMENSION	60"	66"	72"	78"	84"	90"	96"	108"	120"	132"	144"				

**TABLE NOTES:**

- (1) ALL WINDOW DIMENSION VALUES SHOWN ARE +/- 1/2" & ARE FRAME (F.H. & F.W.) DIMENSIONS
- (2) THOSE SIZES WITH LOADS LISTED ARE MAXIMUM ALLOWABLE SIZES AT THAT LOAD. IF NO LOAD IS LISTED FOR A GIVEN SIZE, THAT SIZE EXCEEDS ALLOWABLE AND IS NOT ACCEPTABLE.



SECTION D  
SCALE: 1/2 FULL 4

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No 02-1120.05  
Expiration Date 01/10/07

By *Colleen Berman*  
Miami Dade Product Control Division

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.	PLOT: 1-2	DATE: 06/30/01
DATE 10/29/02	DATE 10/29/02		
BY W.W.S.	BY W.W.S.		
REVISION DESCRIPTION 2 ADDED SAFLEX HP GLASS	REVISION DESCRIPTION 3 ADDED MULL X-SECTION		
NO. 2	NO. 3		
DRAWING TITLE: <b>ALUMINUM CLAD WOOD DIRECT GLAZED IMPACT WINDOW</b> MANUFACTURER: <b>HURD MILLWORK CO., INC.</b> 575 S. HELEN AVE. MEDFORD, WI 54451 800-433-4873			
CONSULTANTS: <b>W. W. SCHAEFER ENGINEERING &amp; CONSULTING, P.A.</b> 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION OCT 29 2002 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. <b>1045</b> REV. SHEET NO. <b>4</b> OF <b>4</b>		