



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)**

[www.buildingcodeonline.com](http://www.buildingcodeonline.com)

**Impact Precious Wood Inc**  
6932 NW 72 Ave  
Miami, FL 33166

**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: Double & Single Out-swing Wood Casement Windows-L.M.I.**

**APPROVAL DOCUMENT:** Drawing No.06-068, titled "Double & Single Out-swing Casement Windows", sheets 1 through 10 of 10, dated 03/30/06, prepared by Tillit Testing & Engineering Company, signed and sealed by Walter A. Tillit Jr. 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 pages E-1and E2, as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



*J. Gascon*  
*9/22/06*

NOA No 06-0809.03  
Expiration Date: October 12, 2011  
Approval Date: October 12, 2006  
Page 1

**Impact Precious Wood Inc**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

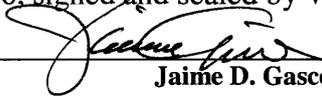
1. Manufacturer's die drawings and sections.
2. Drawing No **06-068**, Sheets 1 through 10 of 10, titled "Double & Single Out-swing Casement Windows", prepared by Tillit Testing & Engineering Company, dated 03/30/06, signed and sealed by Walter A. Tillit Jr. P.E.,

**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 Mahogany Out-Swinging Entrance Doors, prepared by Fenestration Testing Laboratory, Inc. Test Report No. **FTL-4560**, dated 07/20/05, signed and sealed by Edmundo Largaespada, 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, TAS 202-94  
along with marked-up drawings and installation diagram of Mahogany Out-Swinging Entrance Doors with Side Lites, prepared by Fenestration Testing Laboratory, Inc. Test Report No. **FTL-4752**, dated 12/05/05, signed and sealed by Edmundo Largaespada, P.E.
3. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a Full Arch Top Casement\Door, prepared by Hurricane Engineering Testing , Inc. Test Report No. **HETI-04-1923A**, dated 10/05/04, signed and sealed by Ivonne Ghia, P.E.
4. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94  
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of a Full Arch Top Casement\Door, prepared by Hurricane Engineering Testing , Inc. Test Report No. **HETI-04-1923B**, dated 11/11/04, signed and sealed by Ivonne Ghia, P.E.

**C. CALCULATIONS**

1. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by Tillit Testing & Engineering Company, Dated 04/20/06, signed and sealed by Walter A. Tillit Jr. P.E. **Complies with ASTM E1300-98/02**

  
Jaime D. Gascon, P.E.  
Chief, Product Control Division  
NOA No 06-0809.03  
Expiration Date: October 12, 2011  
Approval Date: October 12, 2006

Impact Precious Wood Inc

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **03-1117.05** issued to Surface Specialties, Inc. for “**Uvekol, a Laminate Glass Component**” dated 01/29/04, expiring on 02/08/09.
2. Notice of Acceptance No. **03-0225.10** issued to Glasslam NGI, Inc. for “**Safety Plus II-Laminated Glass**” dated 08/07/03, expiring on 08/07/08.

**F. STATEMENTS**

1. Statement letter of conformance, dated April 21, 2006, signed and sealed by Walter A. Tillit Jr. P.E.
2. Statement letter of no financial interest, dated April 21, 2006, signed and sealed by Walter A. Tillit Jr. P.E.
3. Laboratory compliance letter for Test Report no. HTL- 05014, issued by Hurricane Test Laboratory, Inc., dated April 19, 2006, signed and sealed by Edmundo Largaespada, P.E.



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**Jaime D. Gascon, P.E.**  
**Chief, Product Control Division**  
**NOA No 06-0809.03**  
**Expiration Date: October 12, 2011**  
**Approval Date: October 12, 2006**

**GENERAL NOTES AND SPECIFICATIONS:**

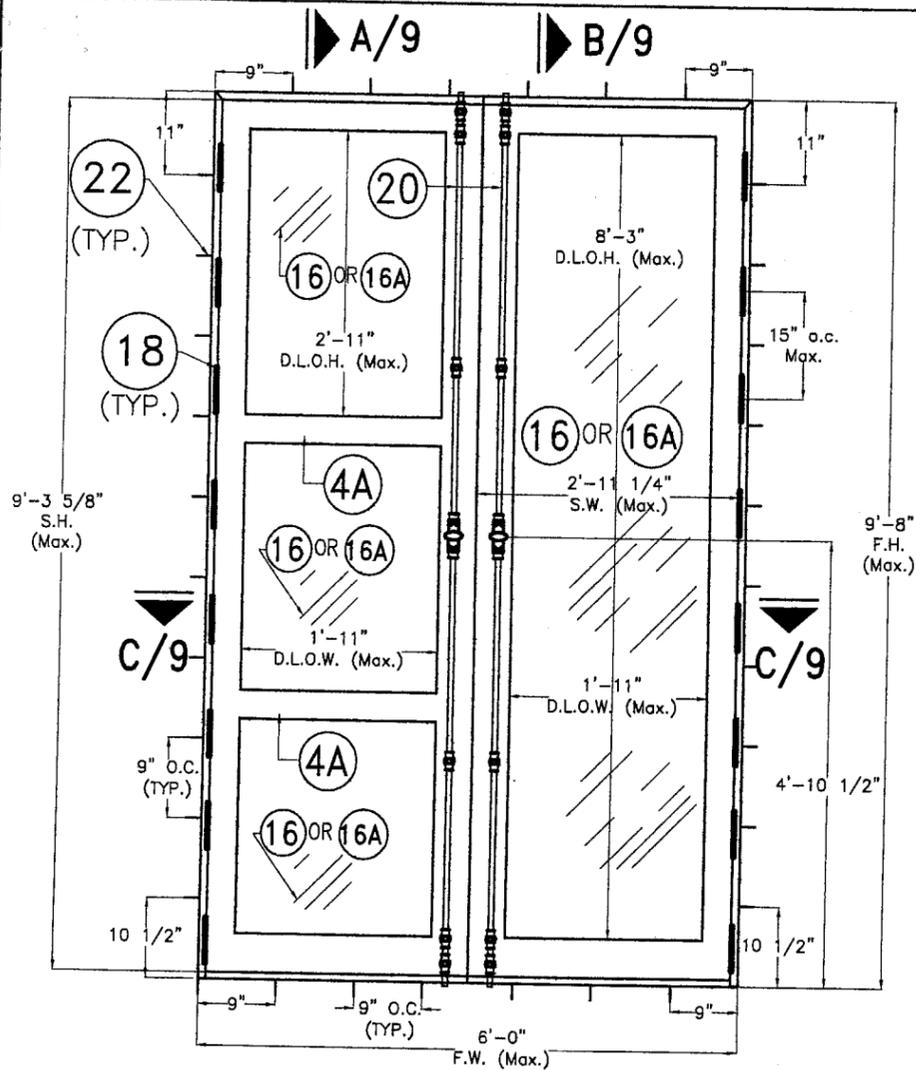
1. FENESTRATIONS SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2004 EDITION OF THE FLORIDA BUILDING CODE WITH 2005 SUPPLEMENT. FENESTRATIONS MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES. DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE. IN ORDER TO VERIFY THAT ANCHORS ON THIS P.A.D., AS TESTED, WERE NOT OVER STRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS **NOT** USED IN THEIR ANALYSIS. THESE FENESTRATION'S ADEQUACY FOR IMPACT AND CYCLIC RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1609.1.4 OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS TAS-201, TAS-202, TAS-203, PER FTL REPORTS No. 4752 AND 4560, AND HETI REPORTS No. 04-1923A, 04-1923B AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTION 1612 OF THE FLORIDA BUILDING CODE.
2. **MAXIMUM DESIGN PRESSURE RATING +60.0 psf., -65.0 psf WITH REQUIRED HARDWARE. AS PER ELEVATIONS SHOWN ON SHEETS 2, 3 & 4.**
3. THESE FENESTRATIONS ARE APPROVED FOR AIR/WATER INFILTRATION.
4. ALL COMPONENTS SHALL BE AS PER BILL OF MATERIALS ON SHEET 5.
5. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE. WOOD BUCKS MUST BE SOUTHERN PINE WITH A MINIMUM SPECIFIC DENSITY G=0.55. WOOD BUCKS MUST SUSTAIN LOADS IMPOSED BY FENESTRATIONS AND TRANSFER THEM TO THE BUILDING STRUCTURE AND TO BE REVIEWED BY BUILDING OFFICIAL.
6. ALL FRAME MEMBERS SHALL BE ANCHORED TO EXISTING STRUCTURE FOLLOWING SPECS INDICATED ON SHEETS 2, 3, 4 & 9, AS APPLICABLE.
7. **THESE FENESTRATIONS WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.**
8. FENESTRATION'S MANUFACTURER LABEL SHALL BE PLACED ON A READILY VISIBLE LOCATION. ONE LABEL SHALL BE PLACED FOR EVERY OPENING. LABEL SHALL READ AS FOLLOWS:  
IMPACT PRECIOUS WOOD, INC.  
MIAMI, FLORIDA.  
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.
9. FENESTRATIONS INSTALLATION SHALL STRICTLY COMPLY WITH SPECS INDICATED ON THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.
10. ALL FENESTRATIONS COMPONENT EDGES WHICH REMAIN IN CONTINUOUS CONTACT WITH THE BUILDING SHALL BE SEALED/CAULK TO PREVENT WIND/RAIN INTRUSION. CAULK AND SEAL ALL AROUND FULL LENGTH.
11. (a) THIS P.A.D. PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.  
(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.A.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.  
(c) THIS P.A.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.  
(d) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (P.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.A.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW IN ADDITION TO A MANDATORY SUBMITTAL TO MIAMI-DADE COUNTY BUILDING CODE COMPLIANCE OFFICE FOR EITHER A PRODUCT APPROVAL REVISION OR A ONE TIME APPROVAL.  
(e) ORIGINAL P.A.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

Approved as complying with the  
Florida Building Code  
Date 10/12/06  
NOA# 06-0809.03  
Miami Dade Product Control  
Division  
By [Signature]

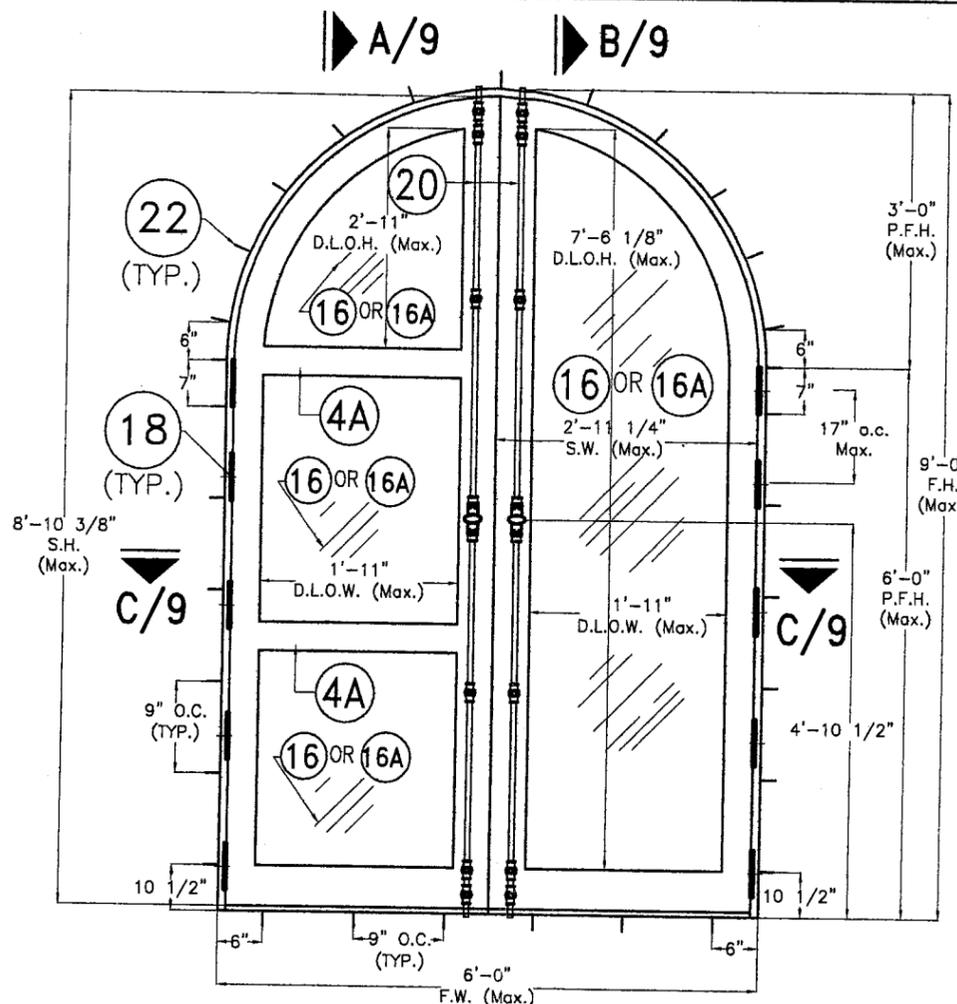
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APR 20 2006

 TILLIT TESTING & ENGINEERING COMPANY 6585 N.W. 36th St., Ste. 217, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167		DOUBLE & SINGLE OUTSWING CASEMENT WINDOWS		L.G. DRAWN BY	
		IMPACT PRECIOUS WOOD, INC.		3/30/06 DATE	
		6932 N.W. 72 AVE. MIAMI, FL 33166		06-068 DRAWING No	
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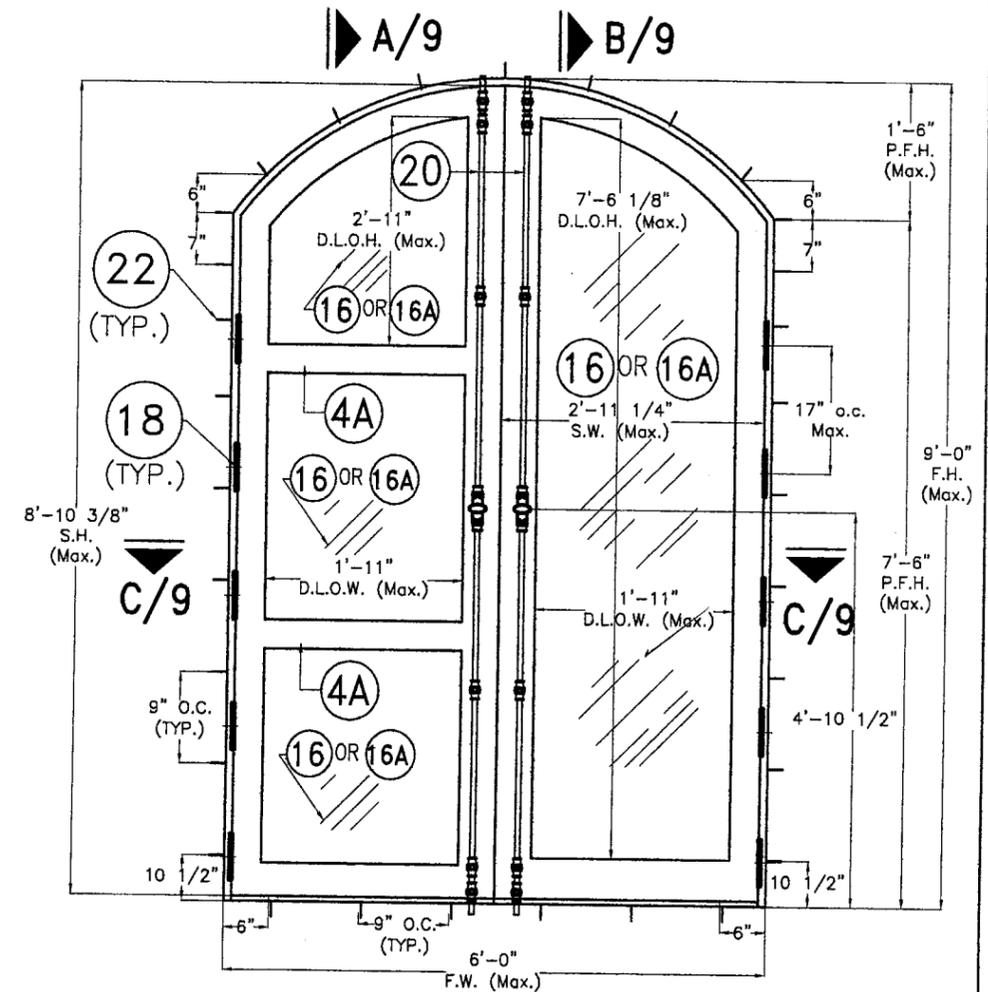
F.B.C. (HIGH VELOCITY HURRICANE ZONE)



▶ A/9 ▶ B/9  
**REGULAR OUTSWING  
 CASEMENT WINDOWS**  
 (XX)



▶ A/9 ▶ B/9  
**FULL ARCHED OUTSWING  
 CASEMENT WINDOWS**  
 (XX)



▶ A/9 ▶ B/9  
**ELLIPTICAL OUTSWING  
 CASEMENT WINDOWS**  
 (XX)

**INTERIOR ELEVATIONS**  
 N.T.S.

**PREFIX LEGEND:**

- F.W. : FRAME WIDTH
- F.H. : FRAME HEIGHT
- S.W. : SASH WIDTH
- S.H. : SASH HEIGHT
- D.L.O.W. : DAYLIGHT OPENING WIDTH
- D.L.O.H. : DAYLIGHT OPENING HEIGHT
- P.F.H. : PARTIAL FRAME HEIGHT

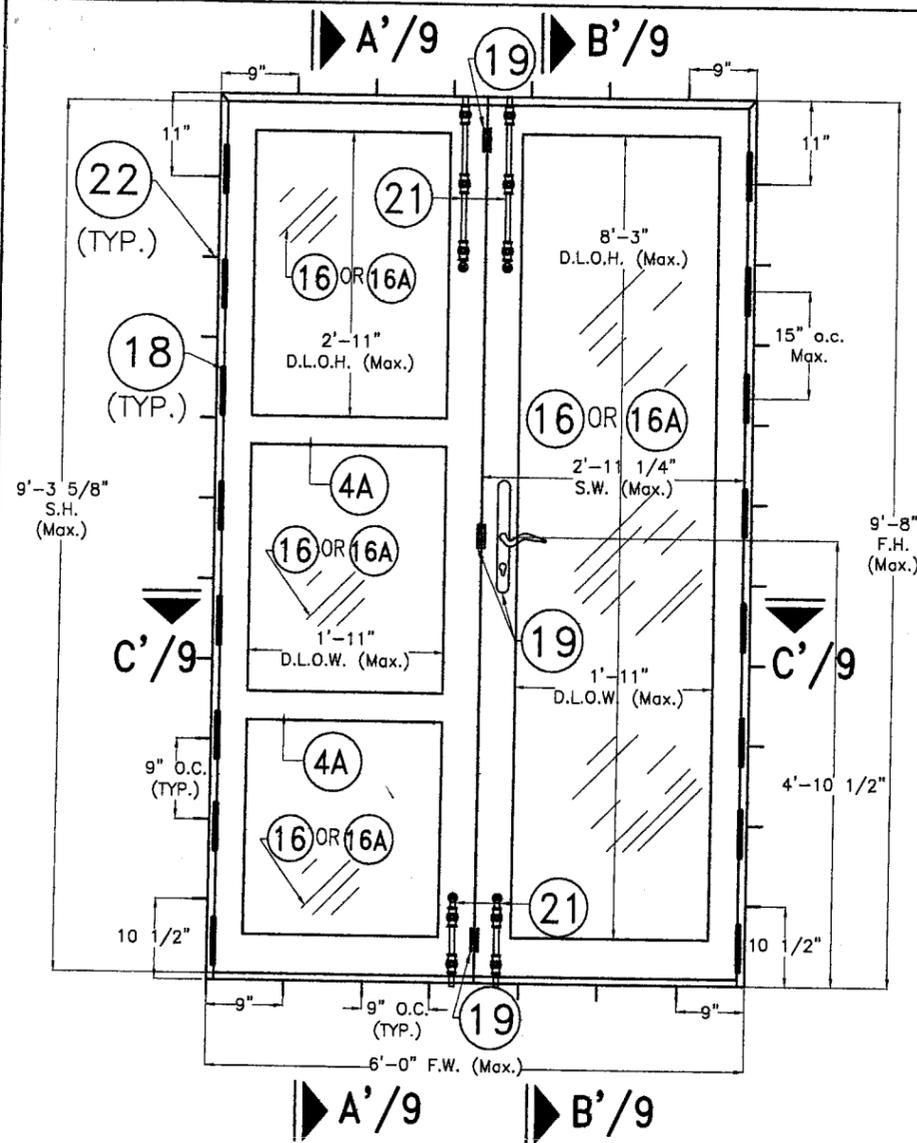
DESIGN PRESSURE RATING: DOUBLE CASEMENT WINDOWS WITH THREE POINT CREMONES (20)	
POSITIVE	60 psf
NEGATIVE	65 psf

Approved as complying with the  
 Florida Building Code  
 Date 10/12/06  
 NOA# 06-080903  
 Miami Dade Product Control  
 Division  
 By *[Signature]*

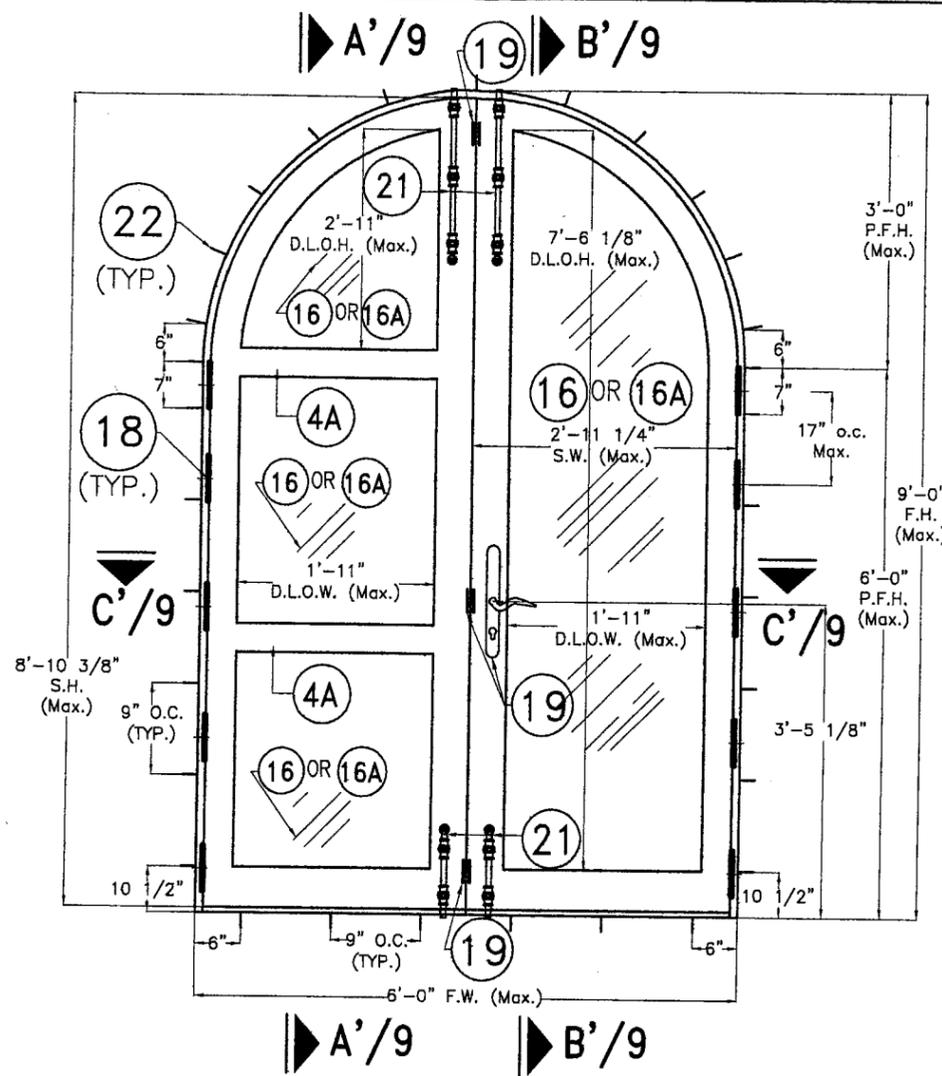
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	<b>IMPACT PRECIOUS WOOD, INC.</b> 6932 N.W. 72 AVE. MIAMI, FL 33166	3/30/06 DATE 06-068 DRAWING No																		
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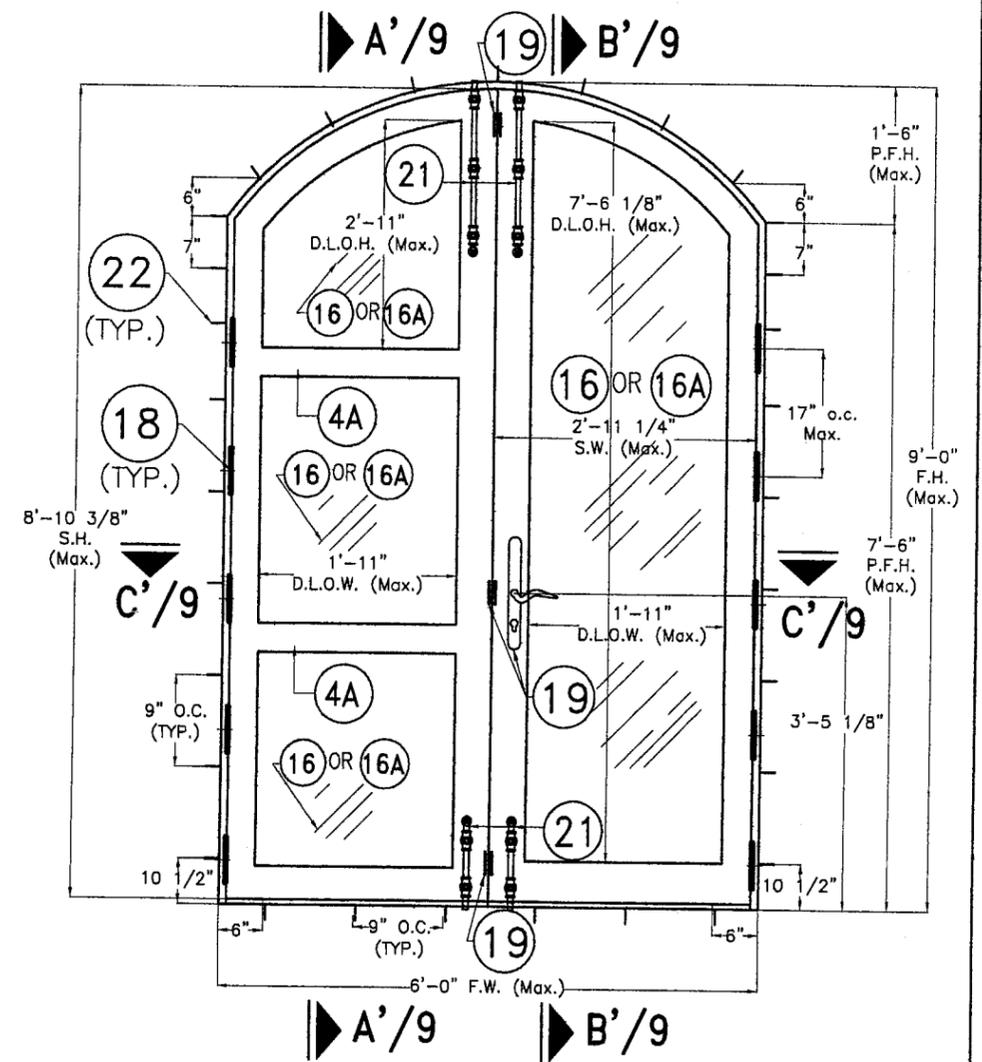
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 APR 25 2006



**REGULAR OUTSWING  
CASEMENT WINDOWS**  
(XX)



**FULL ARCHED OUTSWING  
CASEMENT WINDOWS**  
(XX)



**ELLIPTICAL OUTSWING  
CASEMENT WINDOWS**  
(XX)

**INTERIOR ELEVATIONS**  
N.T.S.

**PREFIX LEGEND:**

- F.W. : FRAME WIDTH
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- S.W. : SASH WIDTH
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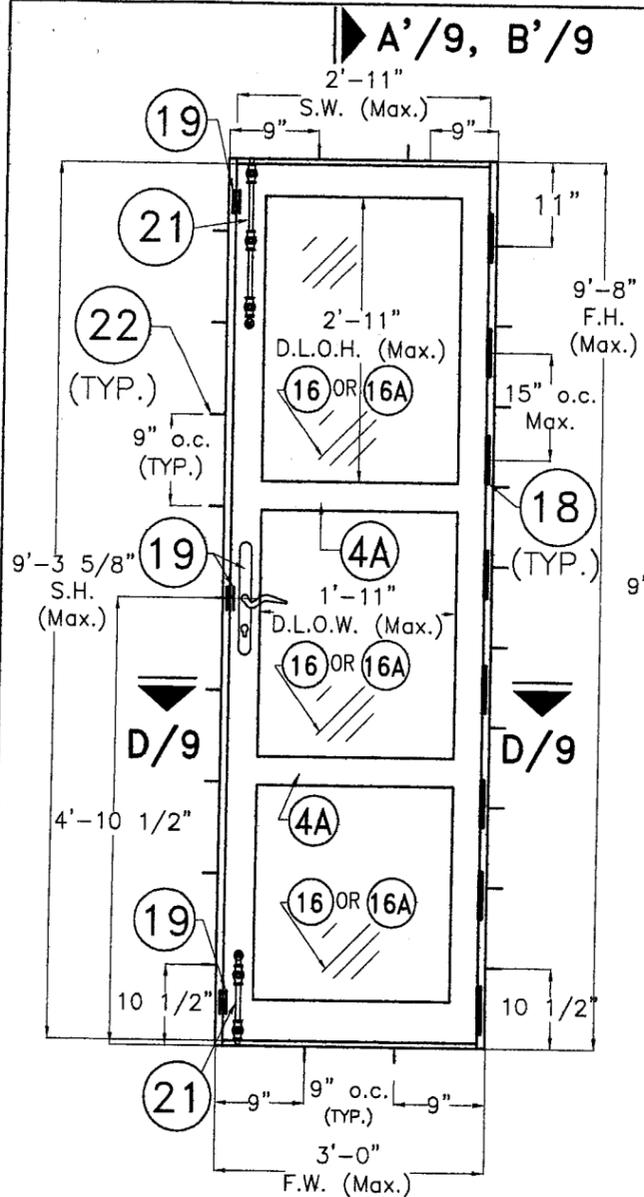
DESIGN PRESSURE RATING: DOUBLE CASEMENT WINDOWS WITH (4) CREMONE SURFACE BOLTS (21) + 3 POINT LOCK (19)	
POSITIVE	60 psf
NEGATIVE	65 psf

Approved as complying with the  
Florida Building Code  
Date 10/12/06  
NOAH 06-089.03  
Miami Dade Product Control  
Division  
By *[Signature]*

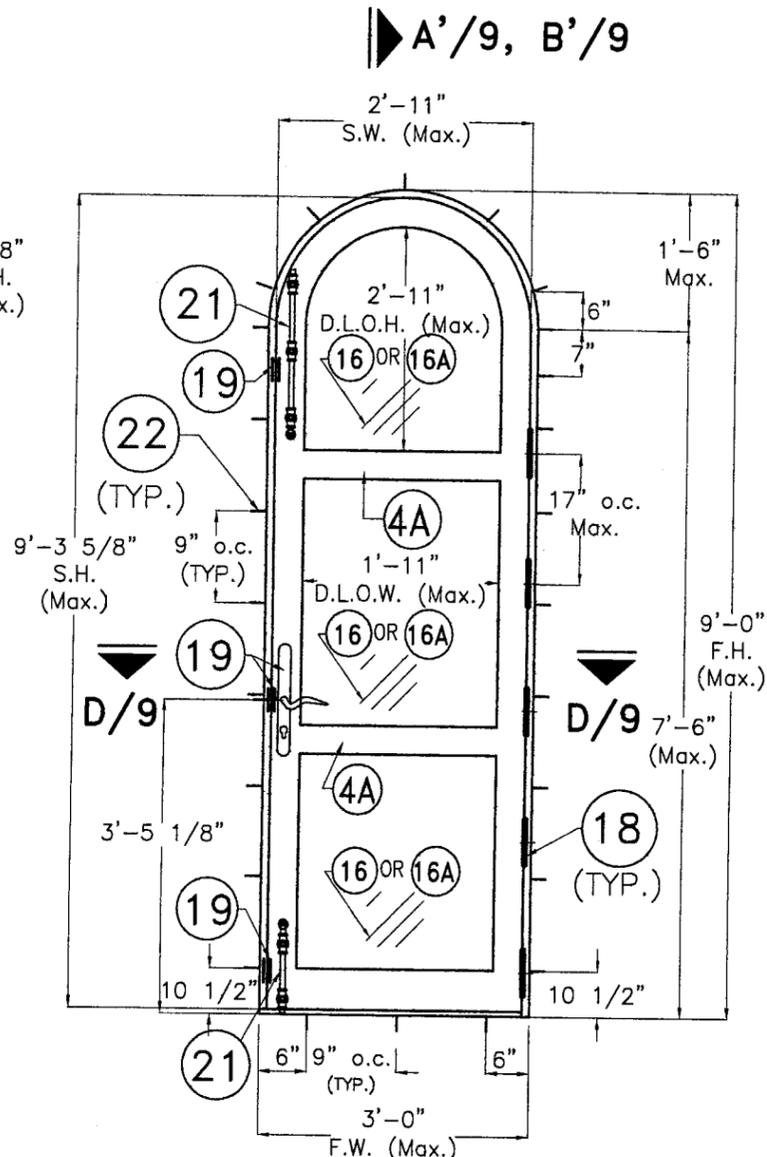
F.B.C. (HIGH VELOCITY HURRICANE ZONE)

*[Signature]*  
APR 20 2006

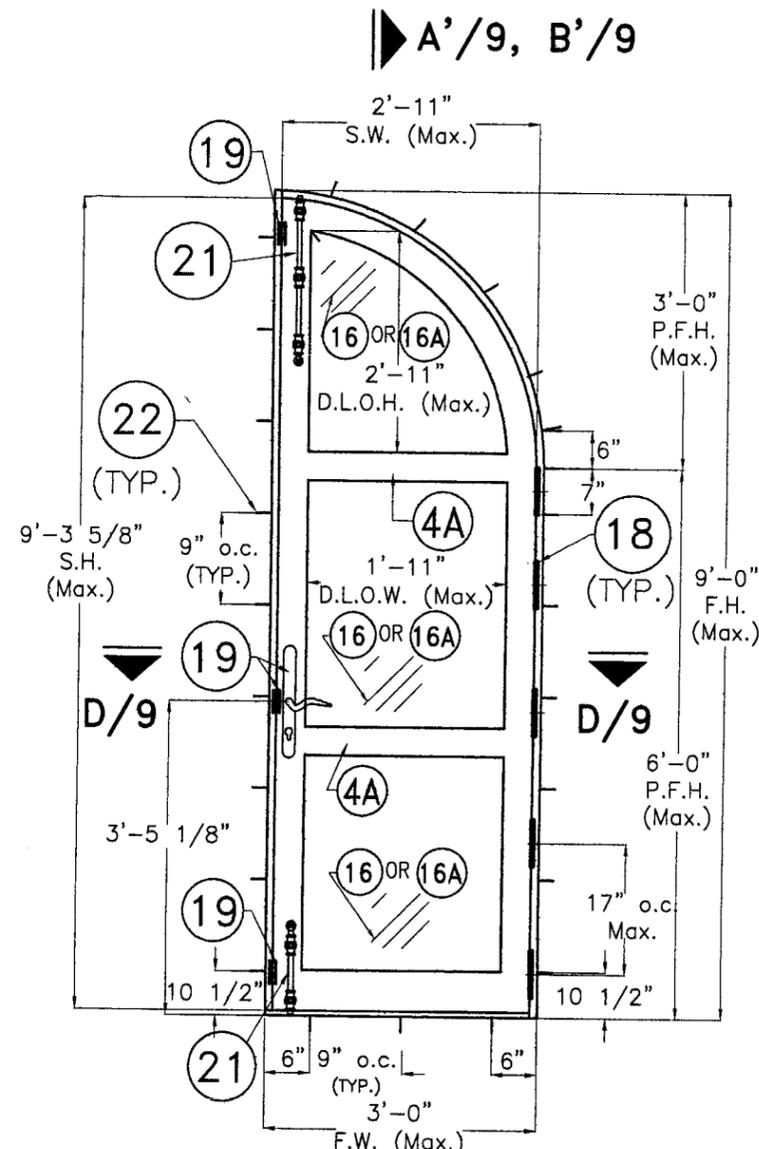
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	<b>IMPACT PRECIOUS WOOD, INC.</b> 6932 N.W. 72 AVE. MIAMI, FL 33166		3/30/06 DATE				
	REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	06-068 DRAWING No
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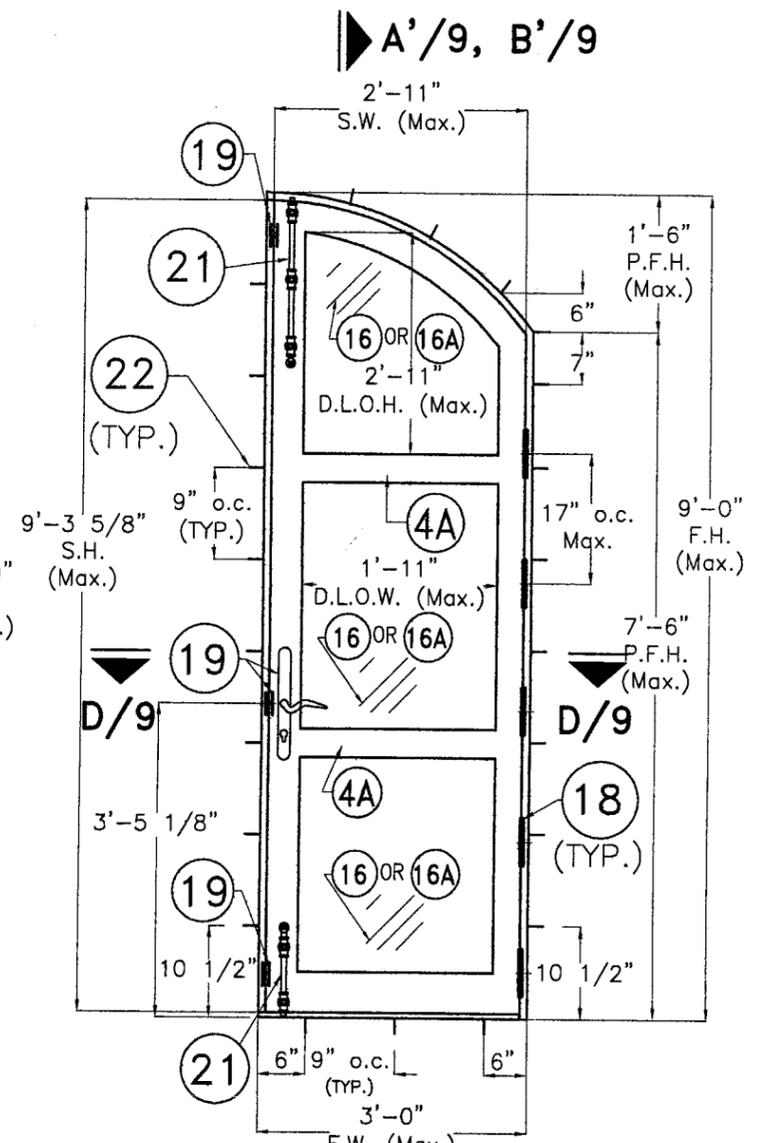
**▶ A'/9, B'/9**  
**SINGLE REGULAR**  
**OUTSWING CASEMENT WINDOWS**  
**(X)**



**▶ A'/9, B'/9**  
**SINGLE FULL ARCHED**  
**OUTSWING CASEMENT WINDOWS**  
**(X)**



**▶ A'/9, B'/9**  
**SINGLE 1/2 ARCHED**  
**OUTSWING CASEMENT WINDOWS**  
**(X)**



**▶ A'/9, B'/9**  
**SINGLE 1/2 ELLIPTICAL**  
**OUTSWING CASEMENT WINDOWS**  
**(X)**

**INTERIOR ELEVATIONS**

N.T.S.

DESIGN PRESSURE RATING:  
 SINGLE CASEMENT WINDOWS WITH  
 (2) CREMONE SURFACE BOLTS (21)  
 + 3 POINT LOCK (19)

POSITIVE	60 psf
NEGATIVE	65 psf

**PREFIX LEGEND:**

- F.W. : FRAME WIDTH
- F.H. : FRAME HEIGHT
- S.W. : SASH WIDTH
- S.H. : SASH HEIGHT
- D.L.O.W. : DAYLIGHT OPENING WIDTH
- D.L.O.H. : DAYLIGHT OPENING HEIGHT
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Approved as complying with the  
 Florida Building Code  
 Date 10/2/06  
 NOAH 06-0609.03  
 Miami Dade Product Control  
 Division  
 By *[Signature]*

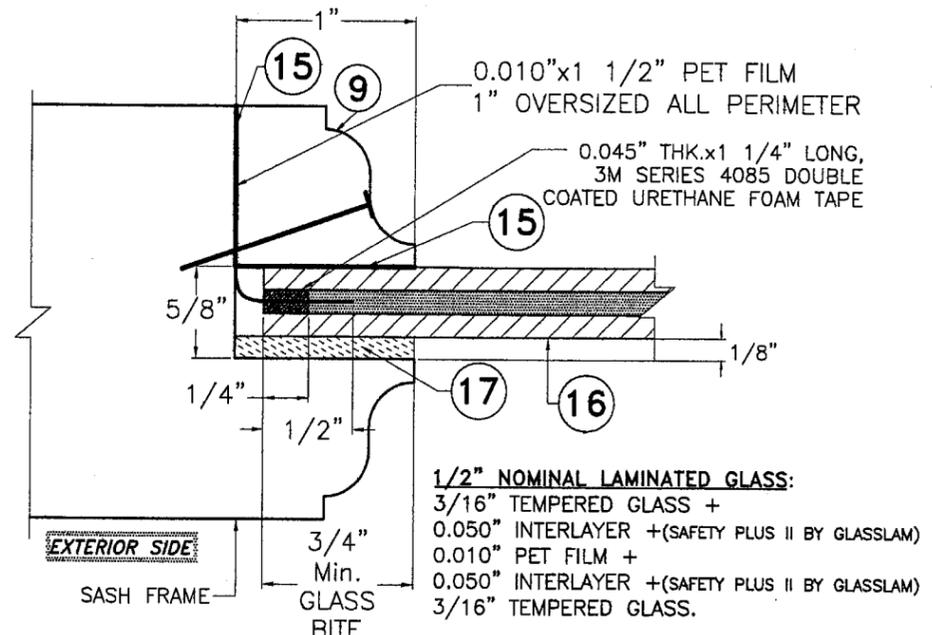
APR 20 2006

F.B.C. (HIGH VELOCITY HURRICANE ZONE)

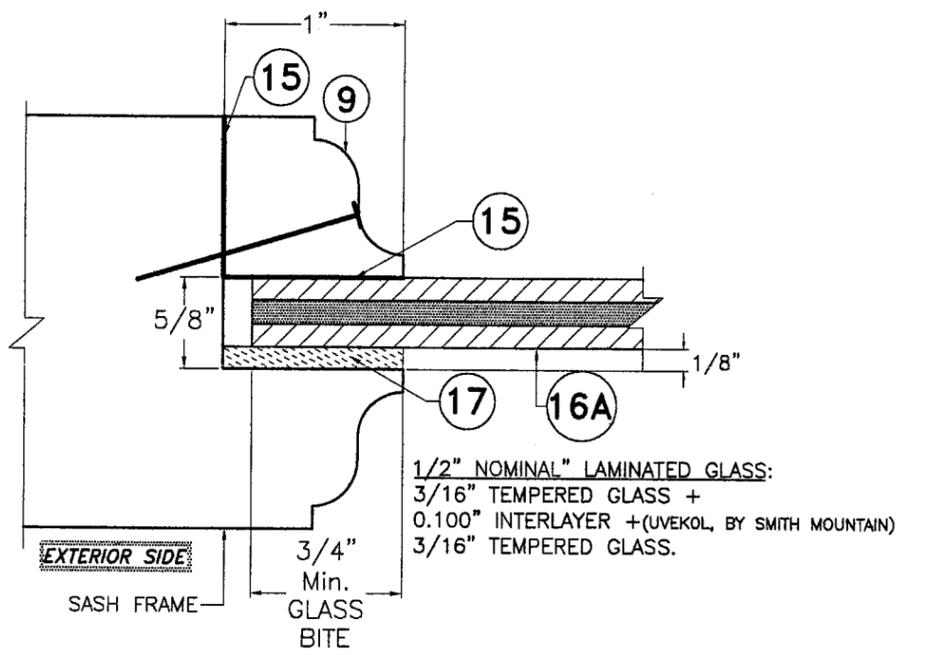
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REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE																	
1			3																			
2			4																			

**BILL OF MATERIALS**

ITEM #	REQ'D.	DESCRIPTION	SIZE	MATERIAL & REMARKS
1	1	FRAME HEAD	1.78" x 6.09"	MAHOGANY WOOD
2	1	FRAME SILL	1.92" x 6.125"	MAHOGANY WOOD
3	2	FRAME JAMB	1.78" x 6.09"	MAHOGANY WOOD
4	2	TOP RAIL	2.25" x 6.125"	MAHOGANY WOOD
4A	1	INTERMEDIATE RAIL	2.25" x 4.715"	MAHOGANY WOOD
5	2	BOTTOM RAIL	2.25" x 6.996"	MAHOGANY WOOD
6	2	HINGE STILE	2.25" x 6.125"	MAHOGANY WOOD
7	1	LOCK STILE	2.25" x 6.841"	MAHOGANY WOOD @ ACTIVE
8	1	ASTRAGAL LOCK STILE	2.25" x 6.541"	MAHOGANY WOOD @ IN-ACTIVE
9	AS REQ'D.	MAHOGANY WOOD BEAD	7/8" x 1"	ATTACHED TO SASH W/ 16 gage x 1 1/2" FINISHING NAILS SPACED AT 2" FROM CORNERS & 10" o.c.
11	AS REQ'D.	CLOSED CELL FOAM STRIP	1/2" x 5/8" FOAM TAPE	FULL LENGTH OF SILL
12	1	THRESHOLD (DOOR STOP) MAHOGANY	3/4" x 4" x 6'-2 1/4" LONG.	ATTACHED TO SILL W/ # 8 x 1 1/2" F.H. WOOD SCREW FIRST 6", @ 20" O.C.
13	AS REQ'D.	Q-LON DOOR SEAL AT FRAME	PROFILE 5/8" w x 1.00" h	SCHLEGEL # QDS 650
14	AS REQ'D.	Q-LON WEATHER SEAL AT SASH	PROFILE 3/8" w x 5/8" h	SCHLEGEL # QEZD 320
15	AS REQ'D.	SEALANT - CLEAR SILICONE	FRAME & FASTENER INSTALLATION SEALANT	"GE" STOCK No. GE012A
16	AS REQ'D.	1/2" (NOMINAL) IMPACT RESISTANT LAMINATED GLASS	0.470" Min. THICK = 3/16" TEMPERED + 0.100" INTERLAYER + 3/16" TEMPERED	INTERLAYER CONSIST OF SAFETY-PLUS II LAMINATED GLASS BY GLASSLAM NGI INC. PER NOA # 03-0225.10 W/ EDGE PET FILM PER NOA # 03-0916.02
16A	AS REQ'D.	1/2" (NOMINAL) IMPACT RESISTANT LAMINATED GLASS	0.470" Min. THICK = 3/16" TEMPERED + 0.100" INTERLAYER + 3/16" TEMPERED	INTERLAYER CONSIST OF UVEKOL S LAMINATED GLASS BY SMITH MOUNTAIN, INC. PER NOA # 03-1223.04
17	AS REQ'D.	GLAZING - CLEAR SILICONE	7/8" WIDE & 1/8" THICK	"DOW CORNING" No. 995 SILICONE
18	AS REQ'D.	STEEL HINGES W/ POLYESTER COATING	3 1/16" x 6 1/4" x 1/8"	HERRAJE SIDANEZ, S.A. # AR06, WITH (8) #10x1 1/2" WOOD SCREWS (5) REQ'D/LEAF AT FULL ARCHED/ELLIPTICAL WINDOWS & (8) REQ'D/LEAF AT REGULAR WINDOWS
19	1	3 POINT LOCK WITH BRASS KEEP SET	45 mm B.S. FULL HEIGHT	SCHLEGEL SL-16 LOCK-STAINLESS STEEL
20	2	FABHERR THREE POINT CREMONES	FULL HEIGHT	STEEL W/ POLYESTER COATING
21	2/SASH	CREMONE SURFACE BOLT	Min. 12", 22" LONG	12" LONG @ BOTTOM, 22" LONG @ TOP
22	AS REQ'D.	FRAME INSTALLATION SCREWS	1/4" F.H. TAPCONS W/ 1 1/4" Min. EMBEDMENT INTO CONCRETE OR BLOCK OR BLOCK & 1 1/2" INTO WOOD.	ELCO TEXTRON INC., SPACED AT 9" o.c Max. STARTING AS SHOWN ON ELEVATIONS EACH WAY FROM CORNERS MIN. EDGE DISTANCE = 2 1/2" INTO CONCRETE OR BLOCK & 1" INTO WOOD
24	AS REQ'D.	CORNER CONSTRUCTION GLUE	APPLIED AT ALL MORTISE & TENON SURFACES	CHEMICAL BOND WW25
25	1	STRIKE PLATE FOR CREMONE AT INACTIVE DOOR LEAF LOCK	SEE DETAIL, SHEET 8	AISI 304 SERIES S.S. FASTENED TO STILE W/ (3) # 10 x 1" F.H. WOOD SCREWS
26	1	STRIKE PLATE FOR CREMONE & SURFACE BOLTS TOP & BOTTOM	1/2"x 5"x 16" x 14 GAGE	AISI 304 SERIES S.S. FASTENED TO SILL W/ (5) #8x1 1/2" F.H. WOOD SCREWS



**GLAZING DETAIL FOR 16**  
N.T.S.



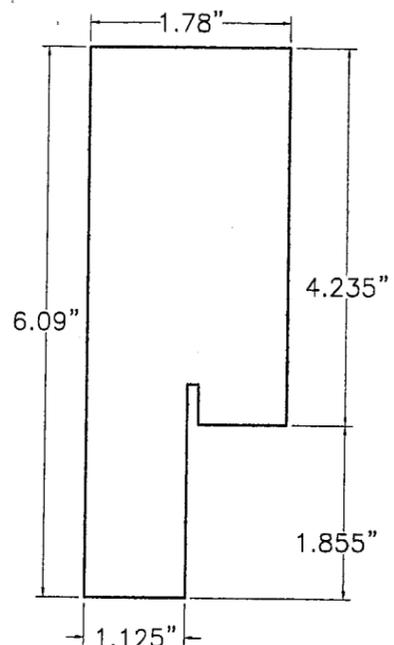
**GLAZING DETAIL FOR 16A**  
N.T.S.

Approved as complying with the  
Florida Building Code  
Date 10/12/06  
NOA# 06-0804.03  
Miami Code Product Control  
Division  
By *[Signature]*

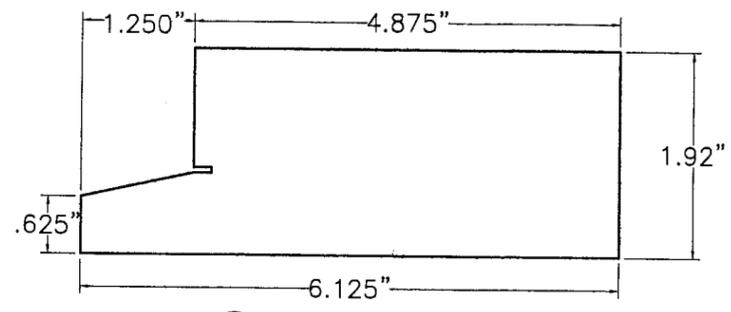
F.B.C. (HIGH VELOCITY HURRICANE ZONE)

 TILLIT TESTING & ENGINEERING COMPANY 6595 N.W. 36th St., Ste. 217, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530, Fax: (305)871-1531 EB-0006719 N.T.S. WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167	<b>DOUBLE &amp; SINGLE OUTSWING CASEMENT WINDOWS</b>	L.G. DRAWN BY
	<b>IMPACT PRECIOUS WOOD, INC.</b> 6932 N.W. 72 AVE. MIAMI, FL 33166	3/30/06 DATE
	06-068 DRAWING No	
	SHEET 5 OF 10	

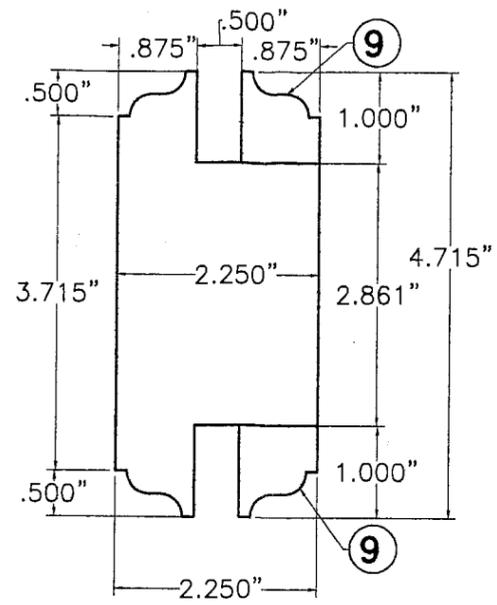
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APR 20 2006



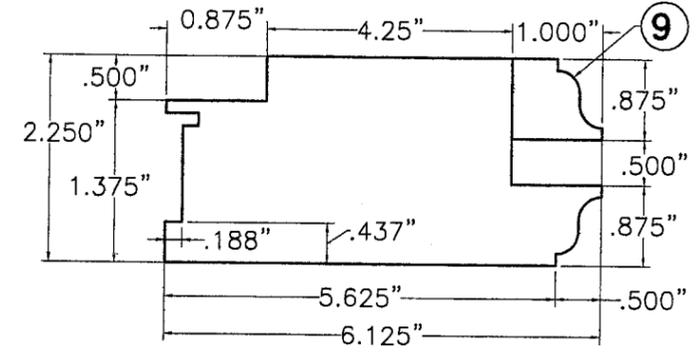
① **FRAME HEAD**  
③ **FRAME JAMB**



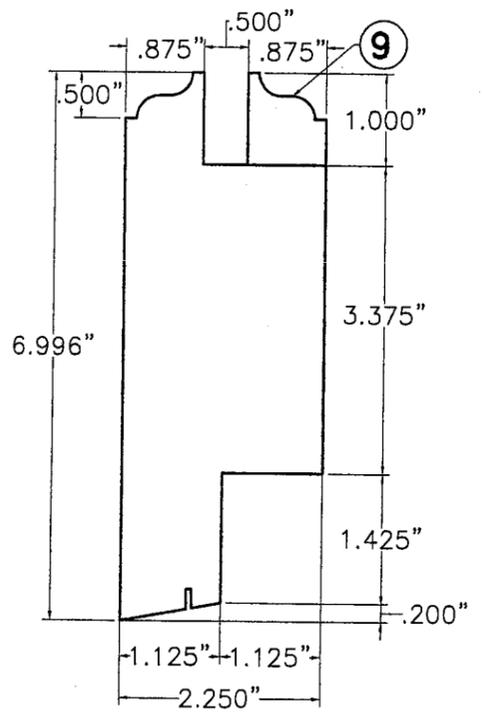
② **FRAME SILL**



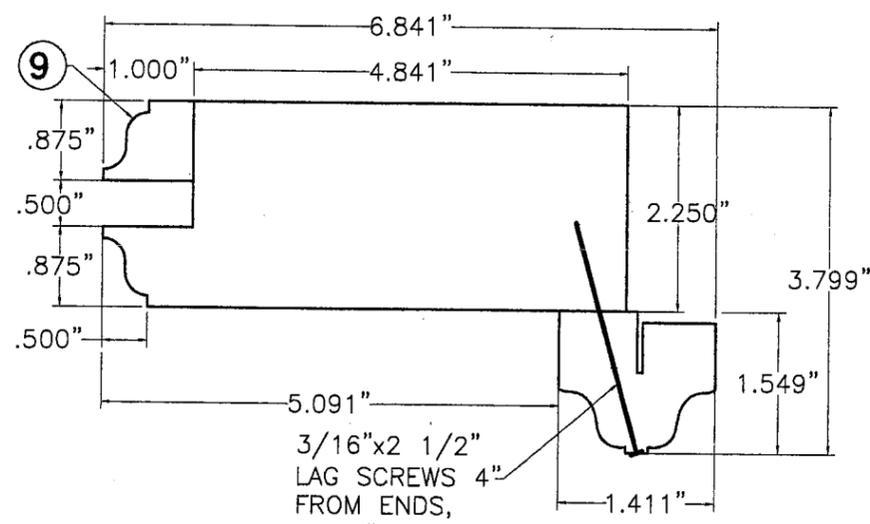
④A **INTERMEDIATE RAIL**



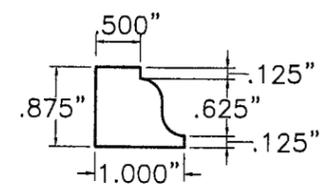
④ **TOP RAIL,**  
⑥ **HINGE STILE**



⑤ **BOTTOM RAIL**

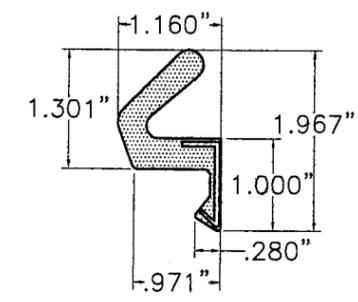


⑦ **LOCK STILE (ACTIVE)**

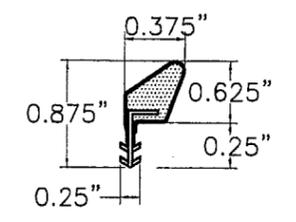


⑨ **MAHOGANY WOOD BEAD**

**WOOD COMPONENTS**  
N.T.S.

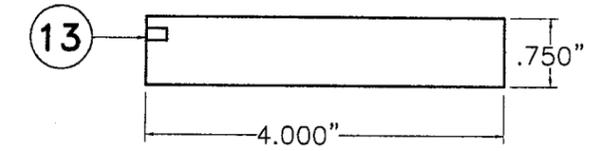


⑬ **Q-LON DOOR SEAL**

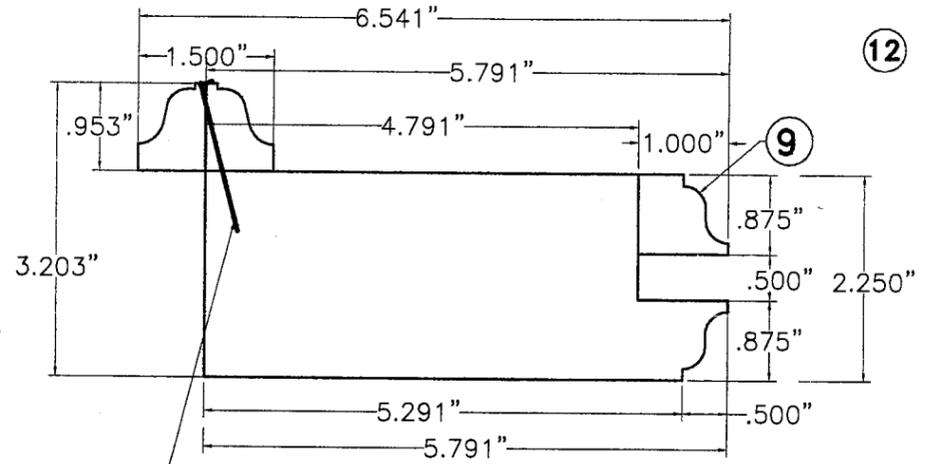


⑭ **Q-LON WEATHER SEAL**

**SEAL COMPONENTS**  
N.T.S.



⑫ **DOOR STOP (THRESHOLD) AT SILL**



⑧ **ASTRAGAL LOCK STILE (INACTIVE)**

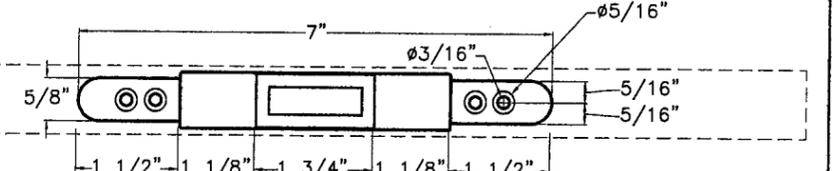
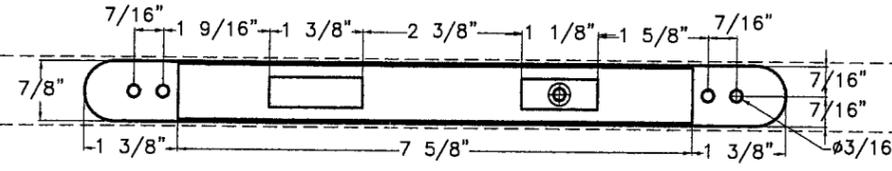
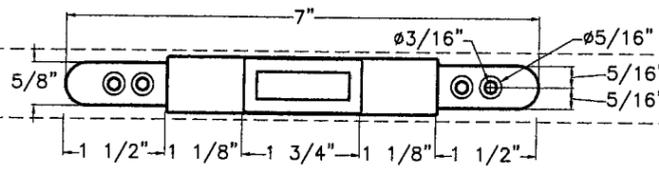
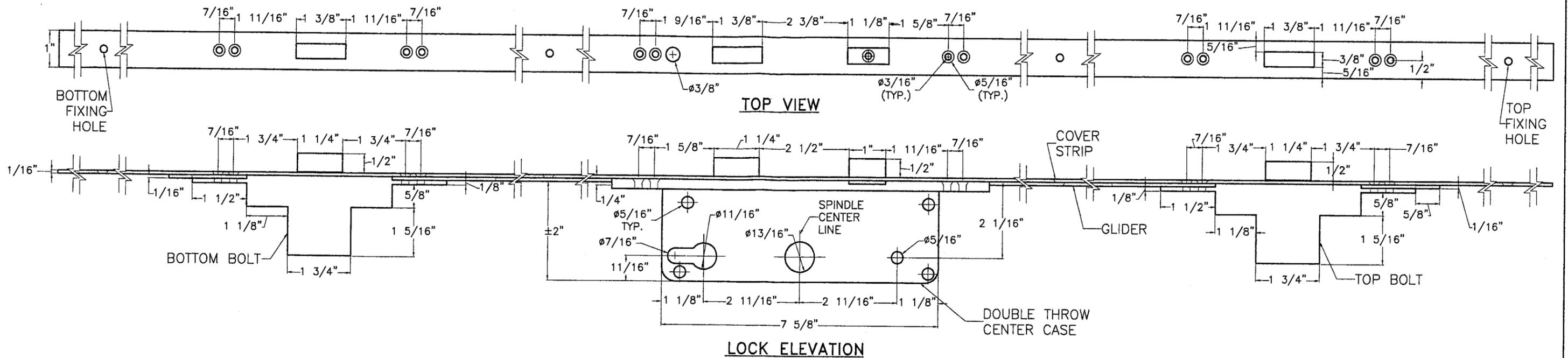
Approved as complying with the  
Florida Building Code  
Date 10/12/06  
NOA# 06-0809.03  
Miami Dade Product Control  
Division  
By *[Signature]*

F.B.C. (HIGH VELOCITY HURRICANE ZONE)

APR 20 2006

**TILTECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
5595 N.W. 36th St., Ste. 217, VIRGINIA GARDENS, FL 33166  
Phone: (305)871-1530, Fax: (305)871-1531  
EB-0006719  
WALTER A. TILLIT Jr. P. E.  
FLORIDA Lic. # 44167

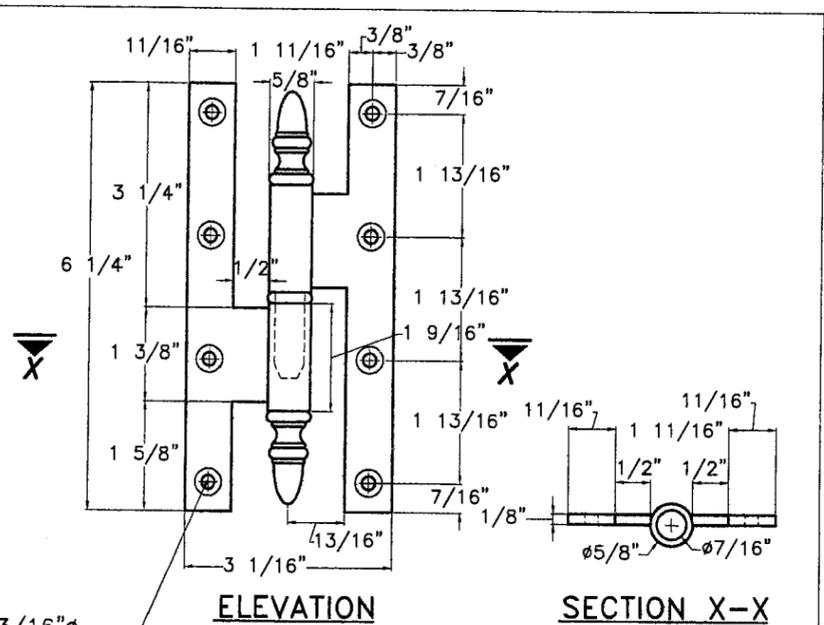
DOUBLE & SINGLE OUTSWING CASEMENT WINDOWS		L.G. DRAWN BY
IMPACT PRECIOUS WOOD, INC.		3/30/06 DATE
6932 N.W. 72 AVE. MIAMI, FL 33166		06-068 DRAWING No
REV. No	DESCRIPTION	DATE
1		
2		



**BOTTOM BOLT**

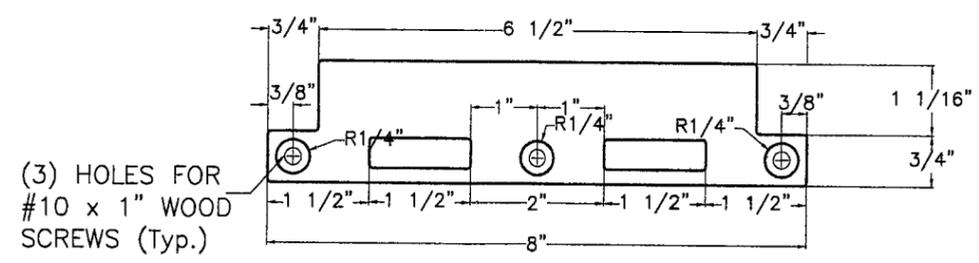
**45mm DOUBLE THROW CENTER CASE  
BOTTOM VIEW LOOKING UP**

**TOP BOLT**

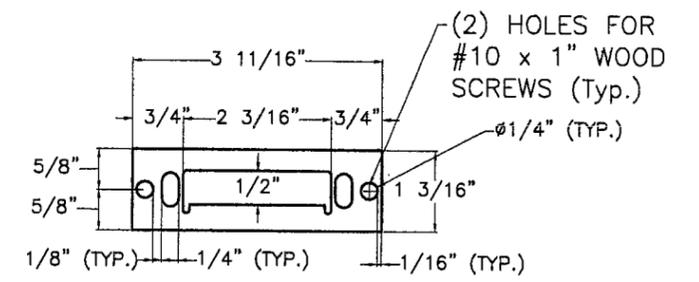


(8) 3/16"  $\phi$  HOLES FOR #10x1 1/2" F.H. WOOD SCREWS

**18 HINGE**  
SCALE: 3/8" = 1"



**CENTER LOCK STRIKE PLATE**  
THICKNESS: 0.090"



**TOP/BOTTOM STRIKE PLATES**  
THICKNESS: 0.090"

**19 SL-16 45mm BACKSET DOUBLE THROW 3 POINT LOCK**  
N.T.S.

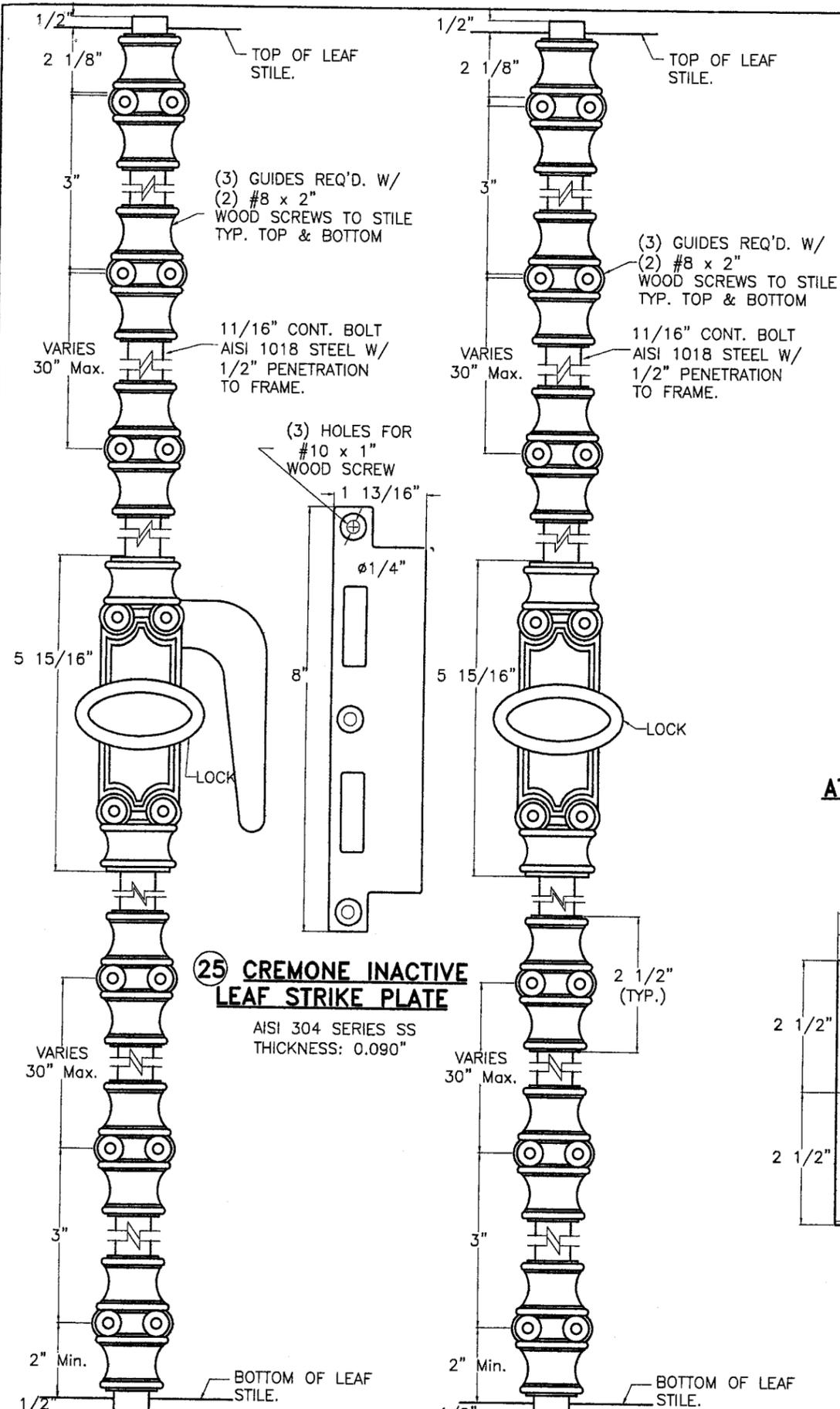
Approved as complying with the Florida Building Code  
Date 10/12/06  
NOAH Op-0809.03  
Miami Dade Product Control  
Division  
By *[Signature]*

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*[Signature]*  
APR 20 2006

**TILECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
6595 N.W. 36th St., Ste. 217, VIRGINIA GARDENS, FL 33166  
Phone: (305)871-1530 Fax: (305)871-1531  
EB-0006719  
WALTER A. TILLIT Jr. P. E.  
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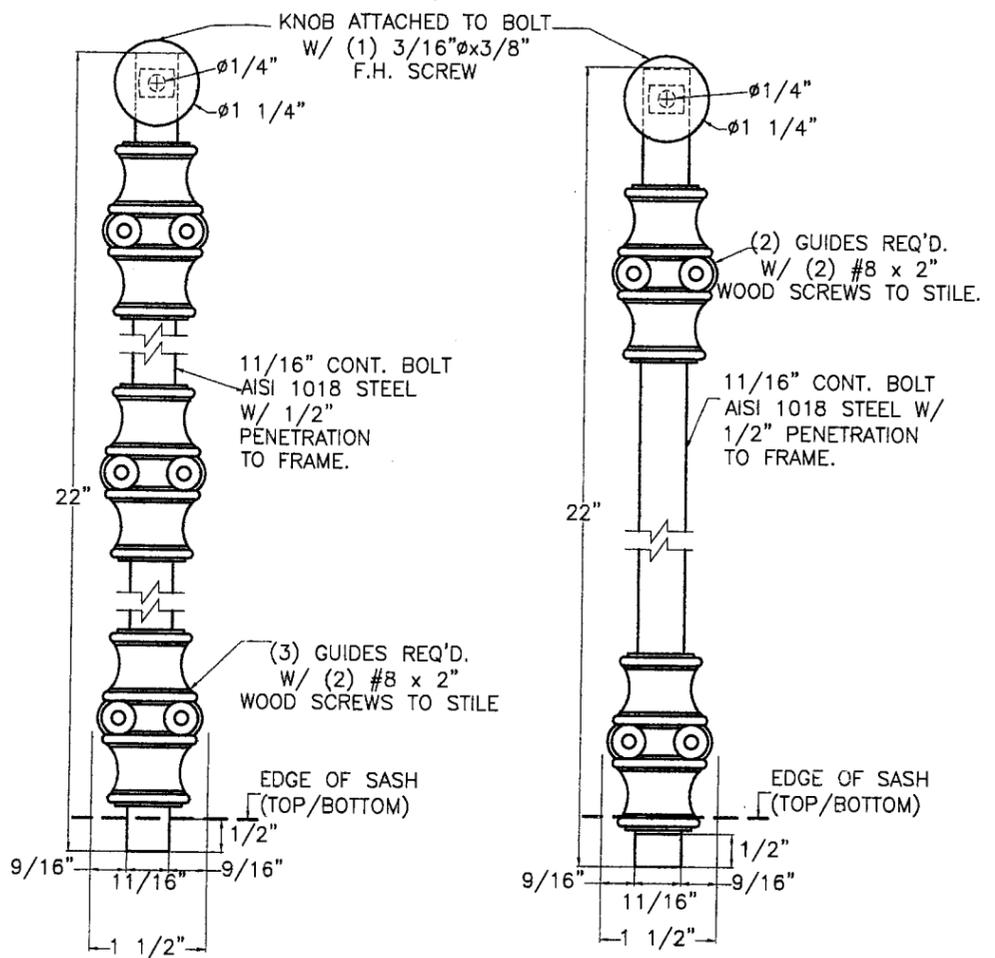
DOUBLE & SINGLE OUTSWING CASEMENT WINDOWS		L.G. DRAWN BY
<b>IMPACT PRECIOUS WOOD, INC.</b>		3/30/06 DATE
6932 N.W. 72 AVE. MIAMI, FL 33166		06-068 DRAWING No
REV. No	DESCRIPTION	DATE
1		
2		
REV. No	DESCRIPTION	DATE
3		
4		
		SHEET 7 OF 10



**20 FABHERR THREE POINT CREMONE AT ACTIVE LEAF**  
N.T.S.

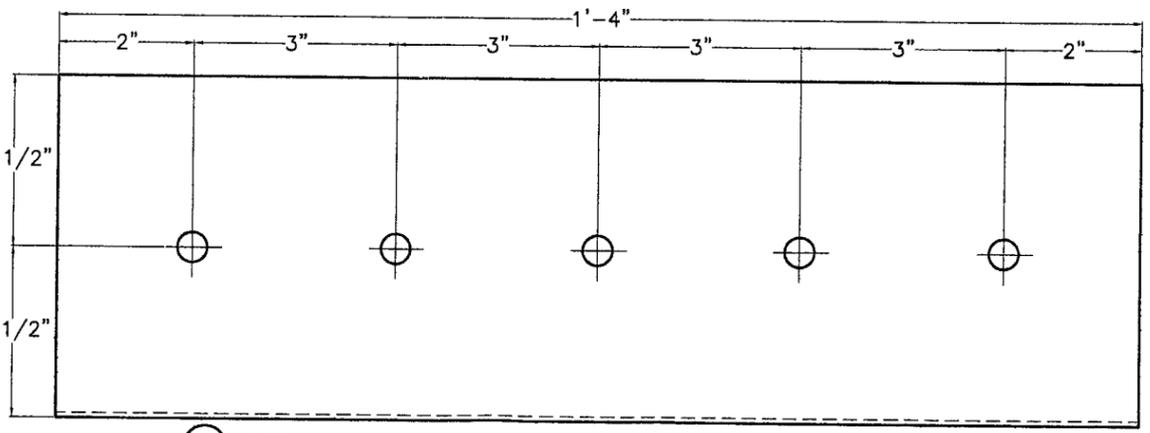
**20 FABHERR THREE POINT CREMONE AT INACTIVE LEAF**  
N.T.S.

**25 CREMONE INACTIVE LEAF STRIKE PLATE**  
AISI 304 SERIES SS  
THICKNESS: 0.090"



**AT TOP: Min. 22" LONG. 3 GUIDES AT BOTTOM: Min. 12" LONG. 2 GUIDES**

**21 CREMONE SURFACE BOLTS**  
N.T.S.



**26 STRIKE PLATE FOR CREMONE + FOR SURFACE BOLTS TOP & BOTTOM**  
14 GAGE, AISI 304 SERIES S.S.

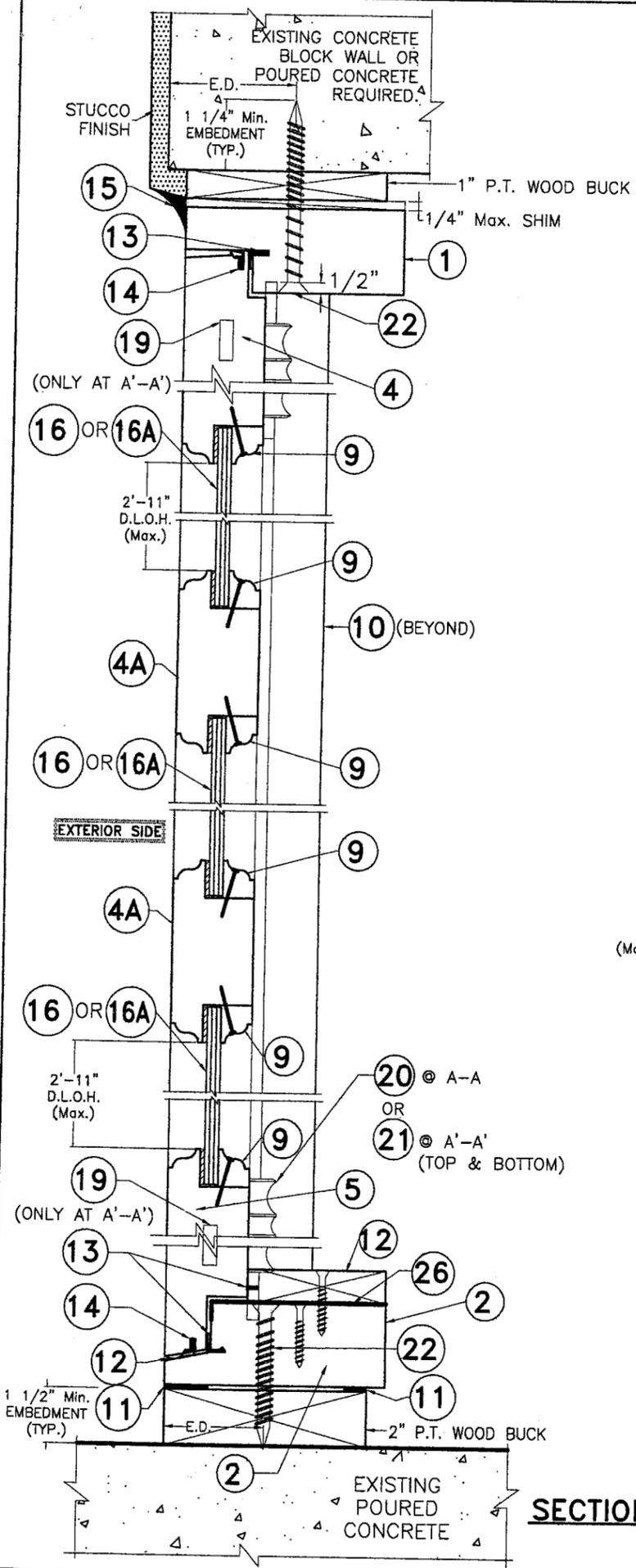
Approved as complying with the  
Florida Building Code  
Date 10/12/06  
NOAH 06-0809.03  
Miami Dade Product Control  
Division  
By *[Signature]*

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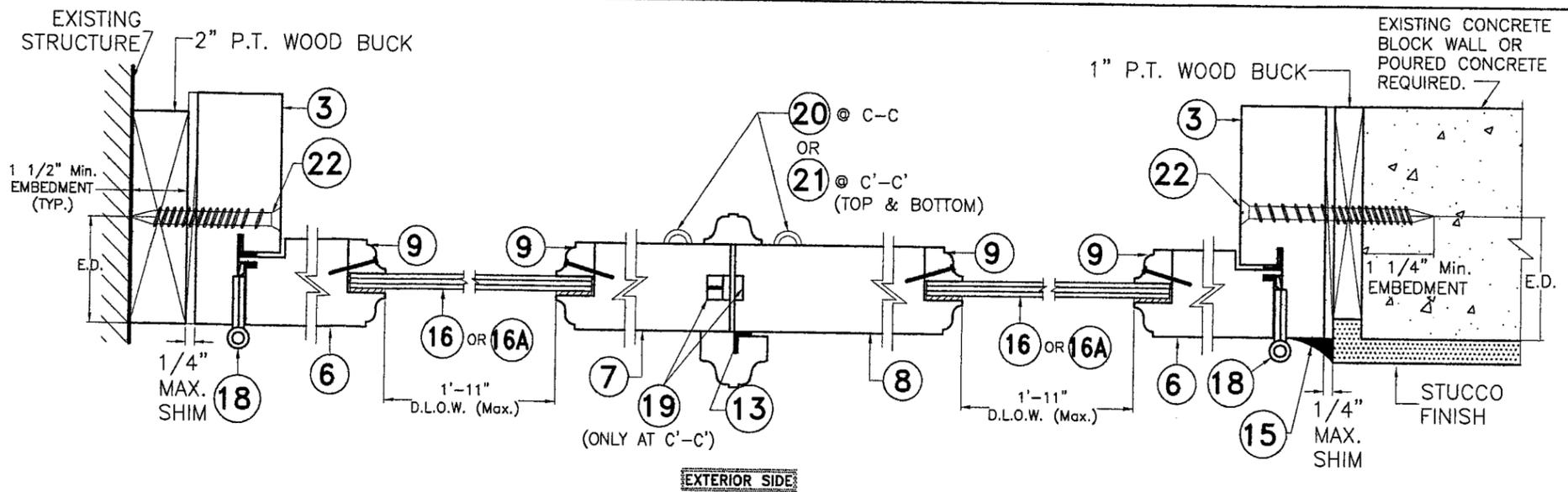
**TILECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
6595 N.W. 36th. St., Ste. 217, VIRGINIA GARDENS, FL 33188  
Phone : (305)871-1530 . Fax : (305)871-1531  
EB-0006719  
WALTER A. TILLIT Jr. P. E.  
FLORIDA Lic. # 44167

DOUBLE & SINGLE OUTSWING CASEMENT WINDOWS						L.G. DRAWN BY
IMPACT PRECIOUS WOOD, INC.						3/30/06 DATE
8932 N.W. 72 AVE. MIAMI, FL 33186						06-068 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 8 OF 10
1			3			
2			4			

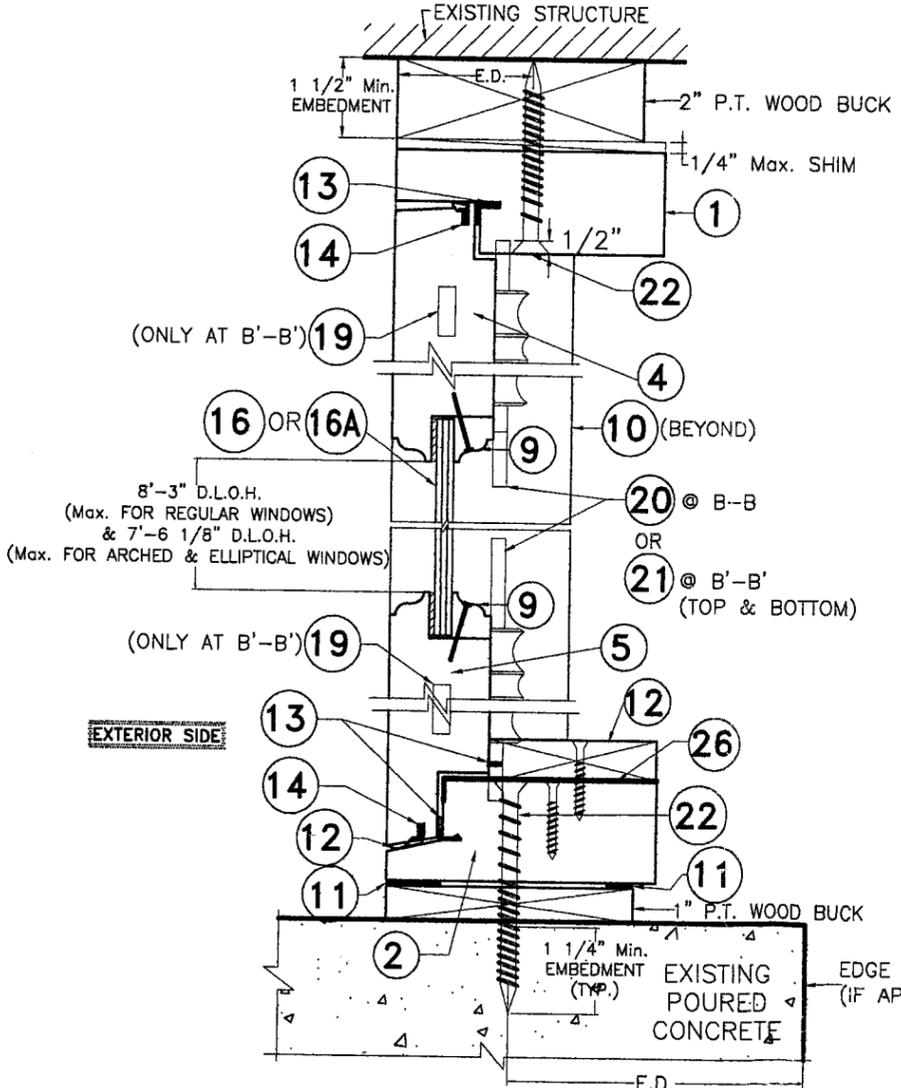
APR 20 2006



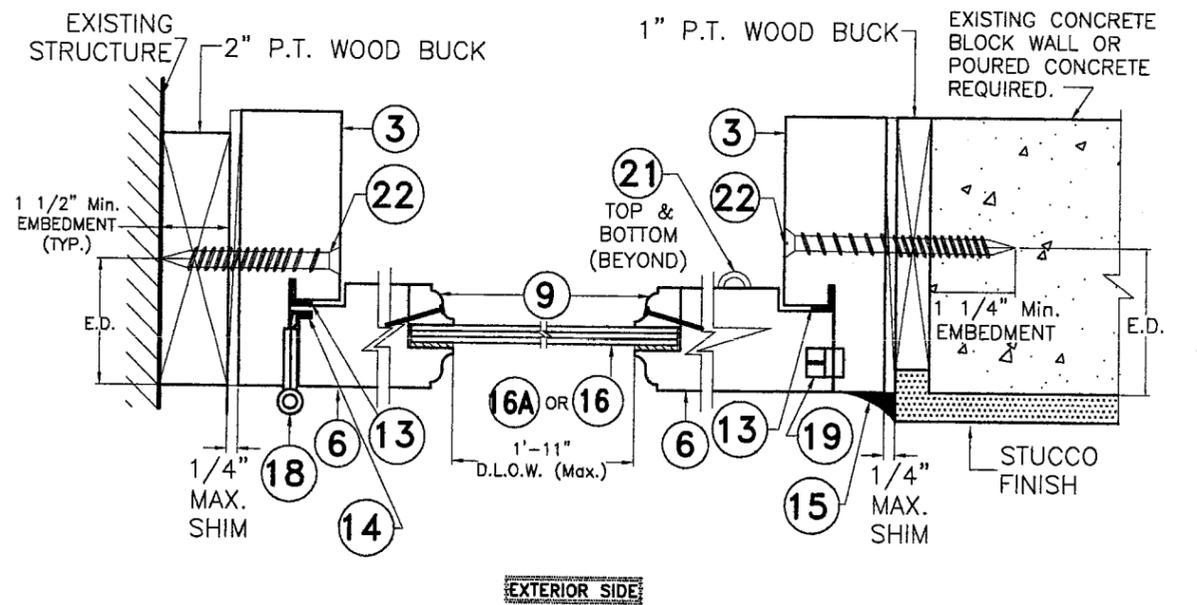
**SECTIONS A-A & A'-A'**  
N.T.S.



**SECTIONS C-C & C'-C' (XX)**  
N.T.S.



**SECTIONS B-B & B'-B'**  
N.T.S.



**SECTION D-D (X)**  
N.T.S.

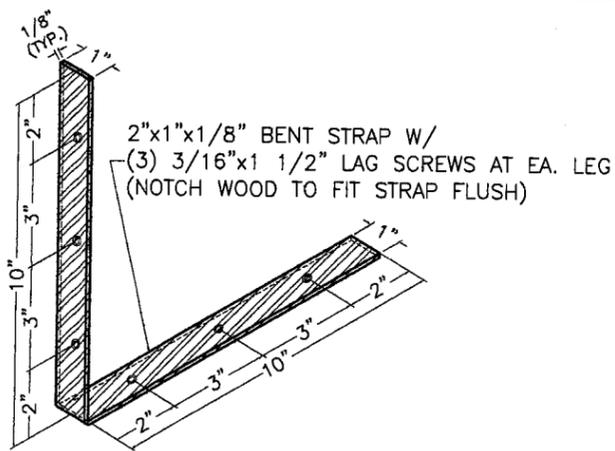
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Miami Dade Product Control  
Division  
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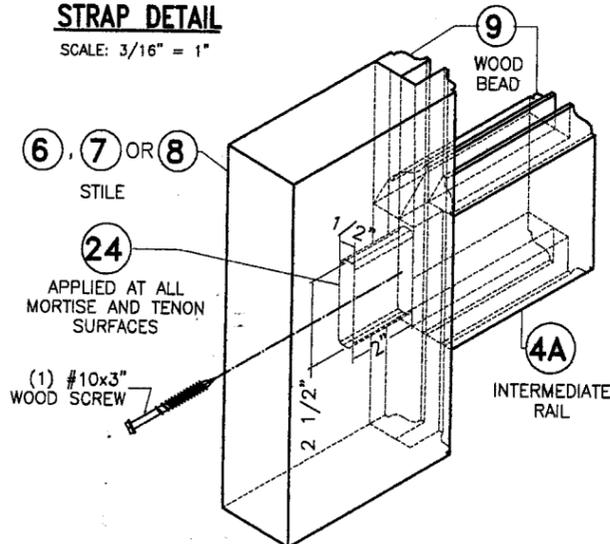
APR 20 2006

**TILECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
6595 N.W. 36th St., Ste. 217, VIRGINIA GARDENS, FL 33166  
Phone: (305)871-1530 Fax: (305)871-1531  
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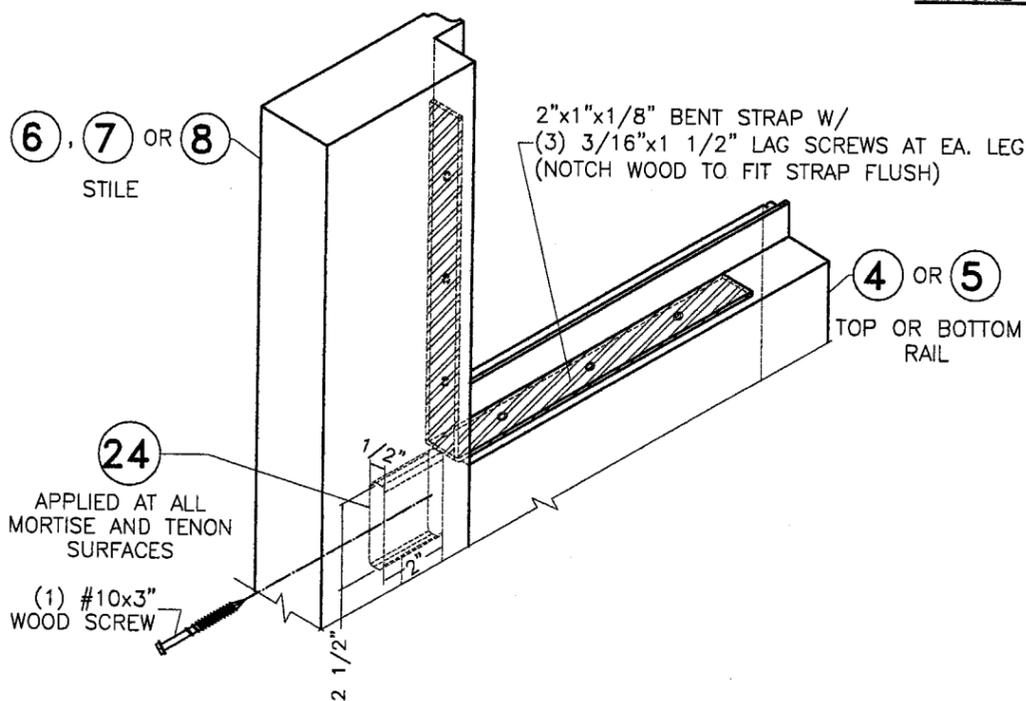
<b>DOUBLE &amp; SINGLE OUTSWING CASEMENT WINDOWS</b>						L.G. DRAWN BY
<b>IMPACT PRECIOUS WOOD, INC.</b>						3/30/06 DATE
6932 N.W. 72 AVE. MIAMI, FL 33166						06-068 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	SHEET 9 OF 10
1			3			
2			4			



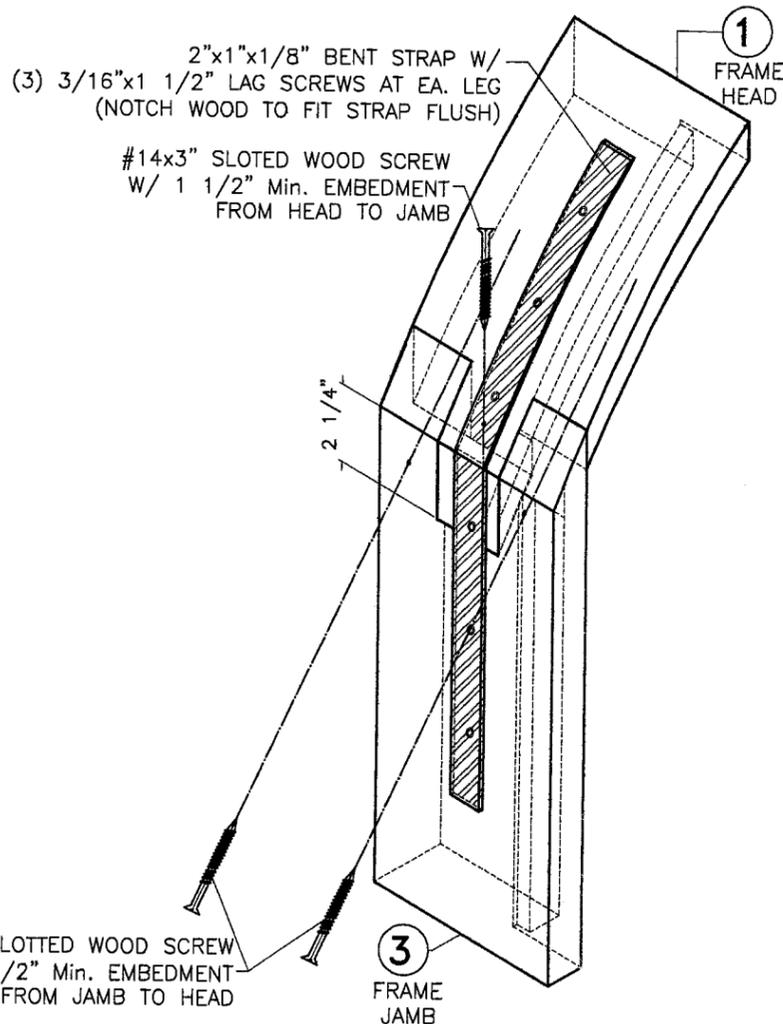
**STRAP DETAIL**  
SCALE: 3/16" = 1"



**TYPICAL SASH INTERMEDIATE CONNECTION (EXTERIOR VIEW)**  
SCALE: 3/16" = 1"

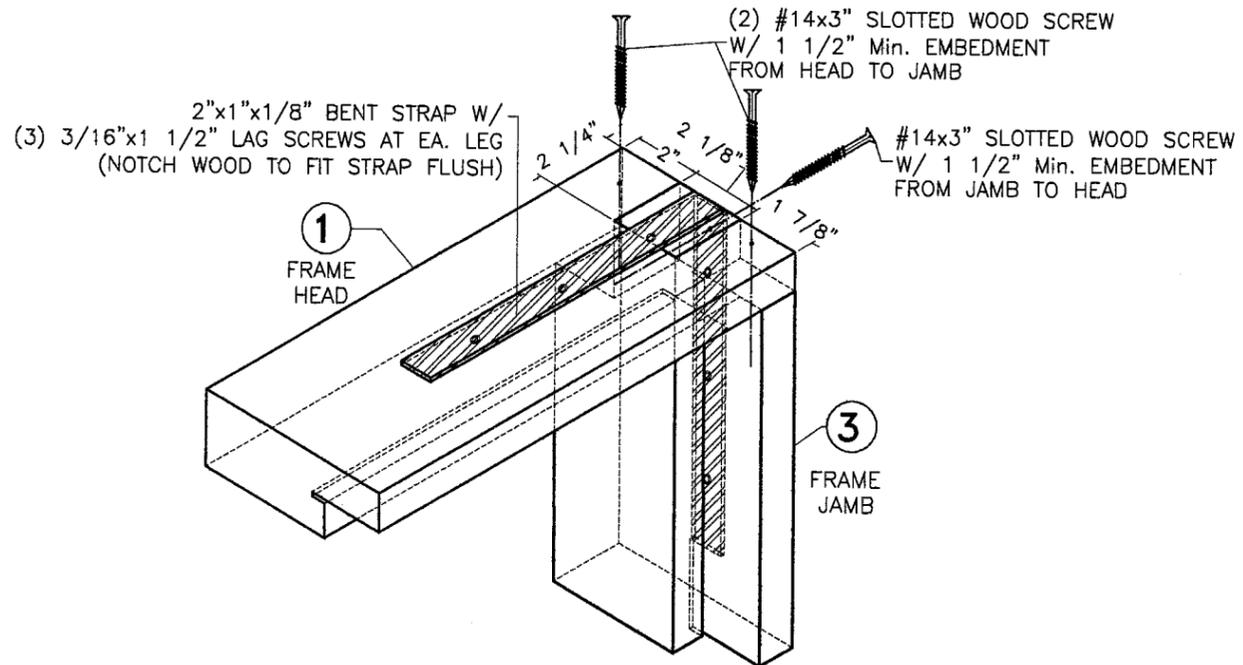


**TYPICAL SASH TOP/BOTTOM CONNECTION (EXTERIOR VIEW)**  
SCALE: 3/16" = 1"

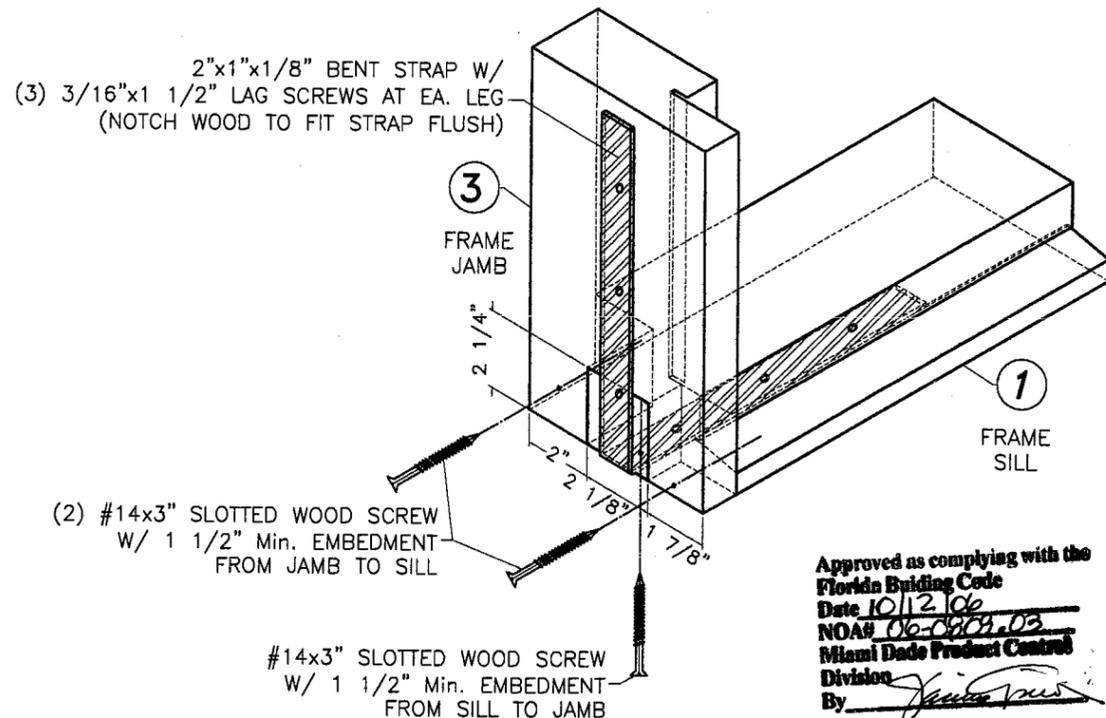


**TYPICAL ARCHED/ELLIPTICAL FRAME TOP CONNECTION**  
SCALE: 3/16" = 1"

**INSTALLATION SEALANT NOTE:**  
FRAME AND ALL EXPOSED INSTALLATION FASTENERS MUST BE PROPERLY SEALED WITH SEALANT (15).



**TYPICAL REGULAR FRAME TOP CONNECTION**  
SCALE: 3/16" = 1"



**TYPICAL FRAME BOTTOM CONNECTION**  
SCALE: 3/16" = 1"

Approved as complying with the  
Florida Building Code  
Date 10/12/06  
NOAH 06-0803-03  
Miami Dade Product Control  
Division  
By *[Signature]*

APR 20 2006

 <b>TILECO INC.</b> TILLIT TESTING & ENGINEERING COMPANY 6595 N.W. 36th. St., Ste. 217, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 EB-0006719 WALTER A. TILLIT Jr. P. E. FLORIDA Lic. # 44167		F.B.C. (HIGH VELOCITY HURRICANE ZONE) <b>DOUBLE &amp; SINGLE OUTSWING CASEMENT WINDOWS</b>		L.G. DRAWN BY
		<b>IMPACT PRECIOUS WOOD, INC.</b> 6932 N.W. 72 AVE. MIAMI, FL 33166		3/30/06 DATE
REV. No    DESCRIPTION    DATE    REV. No    DESCRIPTION    DATE		06-068 DRAWING No		SHEET 10 OF 10
1			3	
2			4	