



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1603  
MIAMI, FLORIDA 33130-1563  
(305) 375-2901 FAX (305) 372-6339**

**NOTICE OF ACCEPTANCE (NOA)**

**[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)**

**Industrial Millwork Inc.  
880 W Highway 36  
Seneca, KS 66538**

**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 "Stormline" 8' 0" Outswing Glazed & Opaque Wood Door – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. LAG-SL, titled "Storm Line Wood Entry Doors" sheets 1 through 10 of 10, dated 11/27/2001 with revision #8 dated 09/15/2009, prepared by Bromley - Cook Engineering, Inc. signed and sealed by William D.Cook, 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 # 07-0813.06 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. 09-1019.02  
Expiration Date: October 31, 2012  
Approval Date: November 25, 2009  
Page 1**

**Industrial Millwork Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No **LAG-SL**, titled "Storm Line Wood Entry Doors" Sheets 1 through 10 of 10, dated 11/27/2001 with revision #8 dated 09/15/2009, prepared by Bromley - Cook Engineering, Inc., signed and sealed by William D.Cook, P.E.  
*(Submitted under NOA# 07-0813.06)*

**B. TESTS**

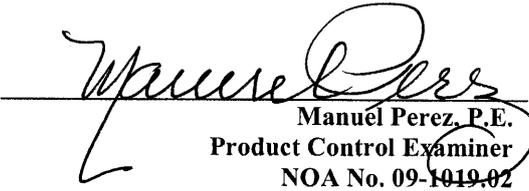
1. Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94  
2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94  
3) Large Missile Impact Test per SFBC, PA 201-94  
4) Cyclic Wind Pressure Loading per SFBC, PA 203-94  
5) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94  
along with marked-up drawings and installation diagram of XX and OXX wood swing doors, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0210-0508-01**, dated 05/02/2001, with addendum letter dated 09/27/2002, all signed and sealed by Vinu J. Abraham, P.E. *(Submitted under NOA# 07-0813.06)*
2. Test reports on 1) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94  
2) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94  
3) Large Missile Impact Test per SFBC, PA 201-94  
4) Cyclic Wind Pressure Loading per SFBC, PA 203-94  
along with marked-up drawings and installation diagram of XX wood swing doors, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL-0210-0809-01**, dated 08/01/2001, with addendum letter dated 09/27/2002, all signed and sealed by Vinu J. Abraham, P.E. *(Submitted under NOA# 07-0813.06)*

**C. CALCULATIONS**

1. Statement letter of product compliance to FBC 2007 dated 09/15/09, prepare, signed and sealed by William D. Cook, P.E.
2. Anchor Calculations and structural analysis, complying with FBC-2004, prepared by Bromley - Cook Engineering, Inc., dated 03/14/2006 signed and sealed by William D.Cook, P.E.
3. Complies with ASTM E1300-02/04

**D. QUALITY ASSURANCE**

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

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 09-1019.02  
Expiration Date: October 31, 2012  
Approval Date: November 25, 2009

**Industrial Millwork Inc.**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **09-0310.02** issued to Cytec Industries for their "Uvekols, a Laminate Glass Component" dated 04/02/2009, expiring on 02/08/2010.
2. Notice of Acceptance No. **07-1116.11** issued to Saf-Glas, L.L.C. for their "SAF-GLAS Polycarbonate Laminate" dated 12/27/07, expiring on 12/16/12.
3. Notice of Acceptance No. **06-0216.06** issued to Solutia, Inc. for their "Saflex III Clear or colored interlayer" dated 05/04/2006, expiring on 05/21/2011.

**F. STATEMENTS**

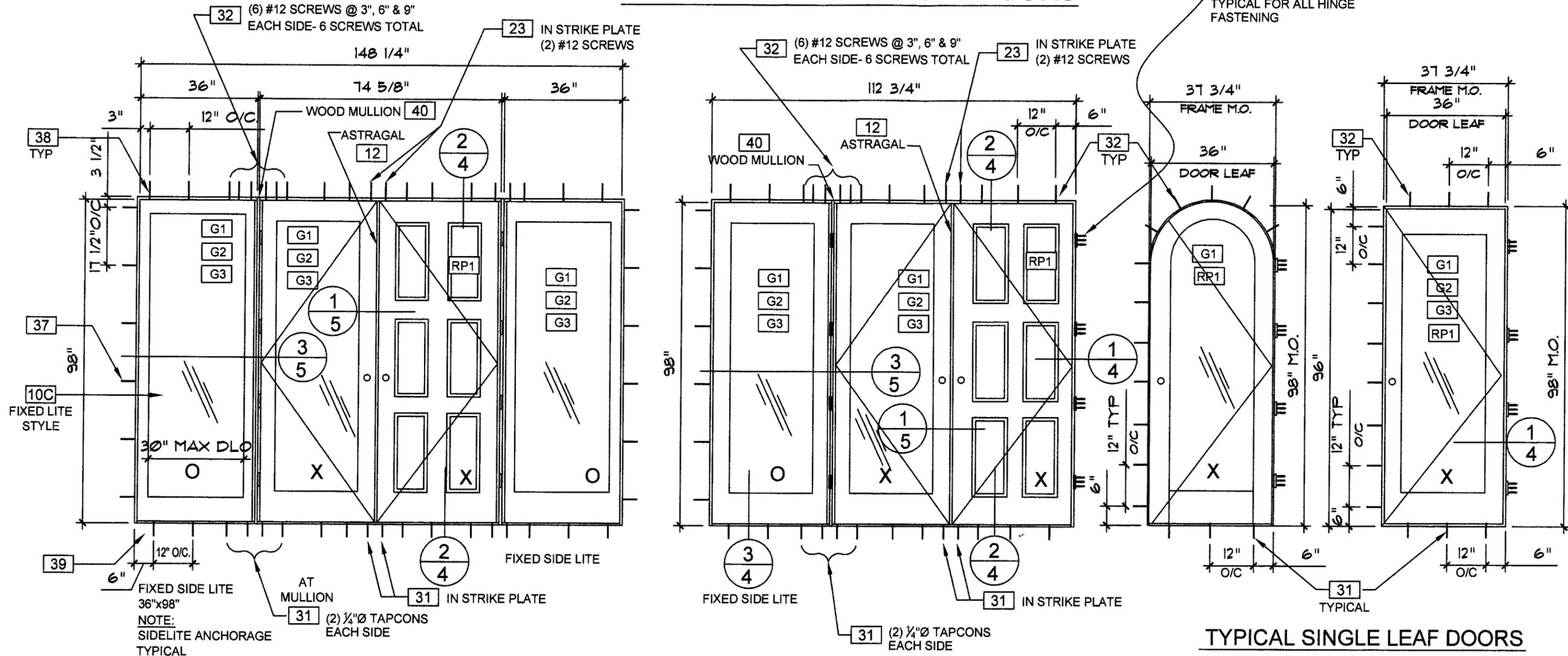
1. Statement letter of conformance, dated September 15, 2009, signed and sealed by William D. Cook, P.E.
2. Statement letter of no financial interest, dated February 21, 2002, signed and sealed by William D. Cook, P.E. (*Submitted under NOA# 07-0813.06*)
3. Laboratory compliance letter for Test Report no. **HTL- 0210-0508-01** and **HTL- 0210-0809-01**, issued by Hurricane Test Laboratory, Inc., dated December 13, 2001, signed and sealed by Vinu J. Abraham, P.E. (*Submitted under NOA# 07-0813.06*).

**G. OTHER**

1. Notice of Acceptance No. **07-0813.06**, issued to Industrial Millwork, Inc. for their Series "Stormline" 8' 0" Outswing Glazed & Opaque Wood Door – Impact", approved on 11/07/2007 and expiring on 10/31/2012.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 09-1019.02  
Expiration Date: October 31, 2012  
Approval Date: November 25, 2009

# STORMLINE WOOD ENTRY DOORS



SEE DETAIL 'A' SHT 3  
TYPICAL FOR ALL HINGE  
FASTENING

TYPICAL MULTIPLE UNIT CONFIGURATIONS

TYPICAL SINGLE LEAF DOORS

**GENERAL NOTES:**

1. THIS DOOR SYSTEM HAS BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE DESIGN LOAD TABLES.
2. BUCK, OPENINGS & BUCK FASTENERS MUST BE DESIGNED & INSTALLED TO WITHSTAND WIND LOADS FOR EACH APPLICATION.
3. BUCK FASTENERS MAY NOT EXCEED 16" O.C. SPACING AROUND OPENINGS.
4. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
5. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH DADE COUNTY PROTOCOLS PA-201, 202 & 203.
6. ALL JAMB TO BUCK FASTENERS MUST PENETRATE THE BUCK A MINIMUM OF 1 1/4". IF PENETRATION IS LESS THAN 1 1/4", SCREW LENGTH SHALL BE INCREASED AS REQUIRED.
7. THIS DOOR COMPLIES WITH THE 2007 FBC, HVHZ REGION.
8. WIND LOAD INCREASE FOR STRESS HAS NOT BEEN APPLIED TO THIS PRODUCT.

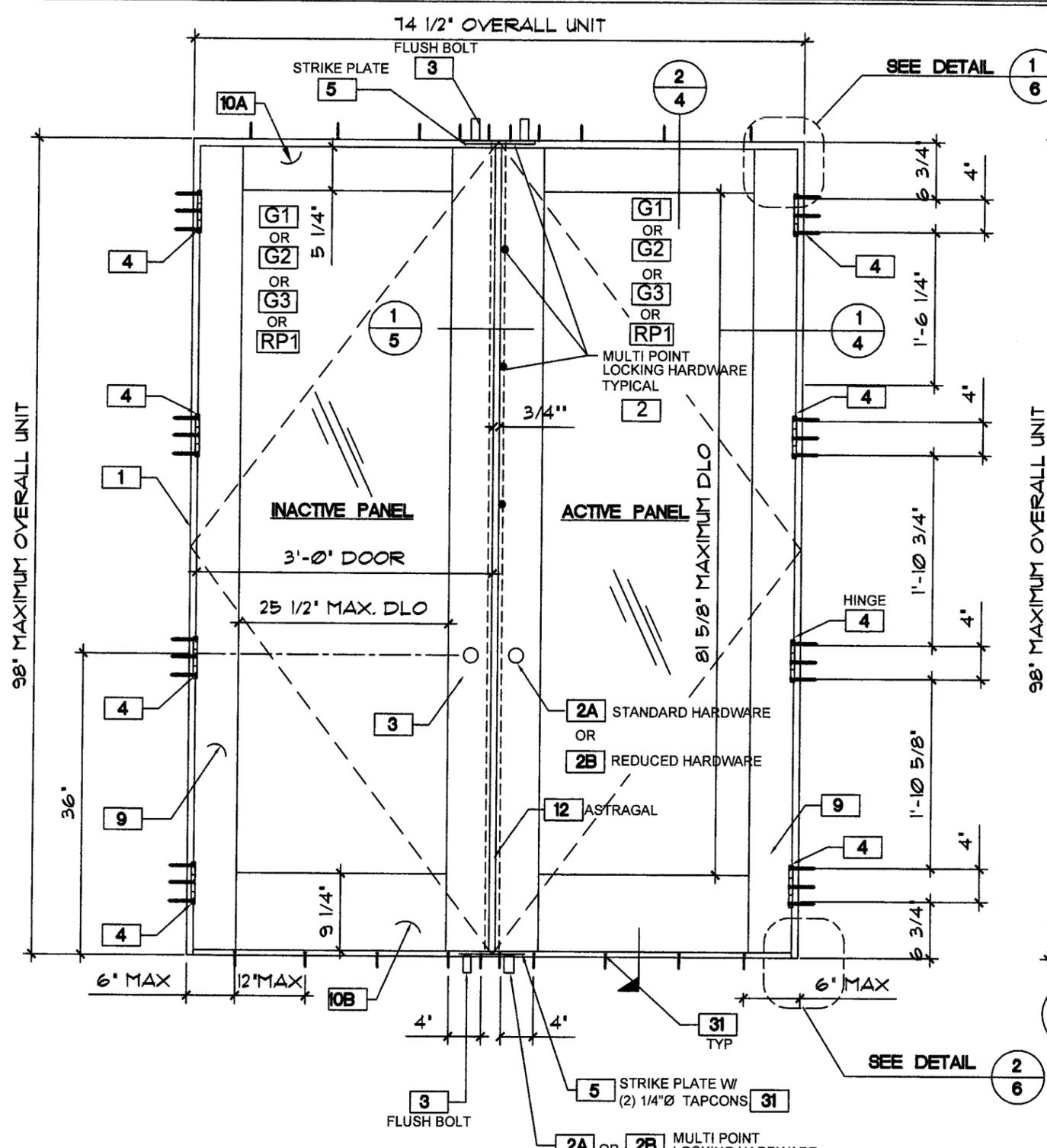
DOOR PANEL GLAZING	
G1	7/16" LAMINATED 3/16" / 3/16" ANNEALED WITH .090 SOLUTIA SAFLEX / KEEP SAFE GLAZED WITH 1/8" x 5/8" BEAD OF DOW 995 EACH SIDE.
G2	7/16" LAMINATED "SAF-GLASS" 3/16" / 3/16" ANNEALED WITH 0.070" POLYCARB BY SECURITY IMP'T. GLASS GLAZED WITH 1/8" x 5/8" BEAD OF GE 2801 EACH SIDE
G3	7/16" LAMINATED 3/16" / 3/16" ANNEALED WITH .0100" UVEKOL INTERLAYER BY SMITH MOUNTAIN GLAZED WITH 1/8" x 5/8" BEAD OF DOW 995 EACH SIDE
RP1	LARGE MISSILE IMPACT RAISED WOOD PANEL, MAHOGANY
GLAZING: LARGE MISSILE IMPACT RESISTANT GLASS DOOR PANEL MAX DLO 25 1/2" x 81 5/8" SIDE LITE MAX DLO 30" x 81 5/8"	
DOOR PANEL MAY BE RAISED WOOD PANEL OR GLAZED OR COMBINATIONS	

MAX. ALLOWABLE WIND PRESSURE FOR IMPACT DOORS	
WHERE THE WATER REQUIREMENTS FOR 'HIGH VELOCITY HURRICANE ZONES' ARE NEEDED	
REDUCED HARDWARE DOOR SCHLAGE CYLINDRICAL LOCK & SURFACE BOLTS @ TOP & BOTTOM	+ 55 psf - 55 psf
STANDARD HARDWARE DOOR G-U CREMONA 5 POINT LOCK	+ 55 psf - 65 psf
WHERE THE WATER REQUIREMENTS FOR 'HIGH VELOCITY HURRICANE ZONES' ARE NOT NEEDED	
STANDARD HARDWARE DOOR G-U CREMONA 5 POINT LOCK	+ 65 psf - 65 psf
REDUCED HARDWARE DOOR SCHLAGE CYLINDRICAL LOCK & SURFACE BOLTS @ TOP & BOTTOM	+ 55 psf - 55 psf

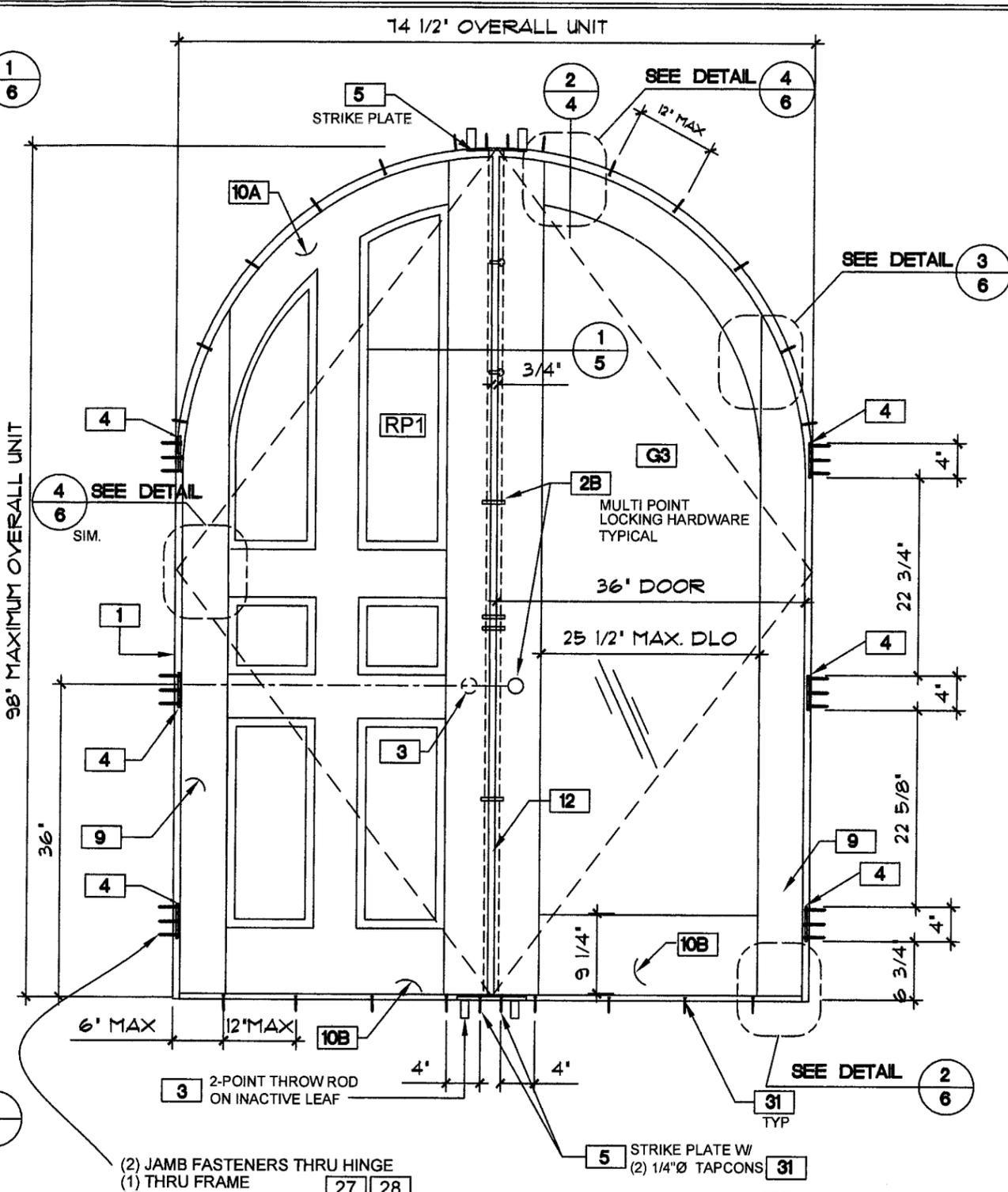
NOTE: FOR FIXED DOOR UNITS, (NON-OPERABLE) ANCHOR DOOR LEAFS TO FRAME AS PER SIDELITE INSTALLATION

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 09-1019-02  
Expiration Date 10/31/2012  
By *William D. Cook*  
Miami Dade Product Control  
Division

04/23/02	G.R.	06/20/02	G.R.	07/30/02	G.R.	09/25/02	G.R.	10/19/02	G.R.	03/03/06	L.K.	03/03/06	KMK
GENERAL REVISIONS													
DRAWING TITLE STORM LINE WOOD ENTRY DOORS													
MANUFACTURER LAG DESIGN INDUSTRIAL MILLWORK CORP WEST HWAY 36 SENECA, KS 66538 (800)462-3667													
BROMLEY - COOK ENGINEERING, INC. STRUCTURAL ENGINEERING SERVICES 5440 N.W. 33rd AVENUE, SUITE 100 FORT LAUDERDALE, FL 33309 PHONE: (954) 772-4624 FAX: (954) 772-4634 CERT. OF AUTH. #00009124													
CERTIFICATION SEP 15 2009 WILLIAM D. COOK, P.E. FLA. P.E. NO. 43904													
DATE: 11/27/01													
DRAWING NO: LAG-SL													
SHEET NO: 1 OF 10													



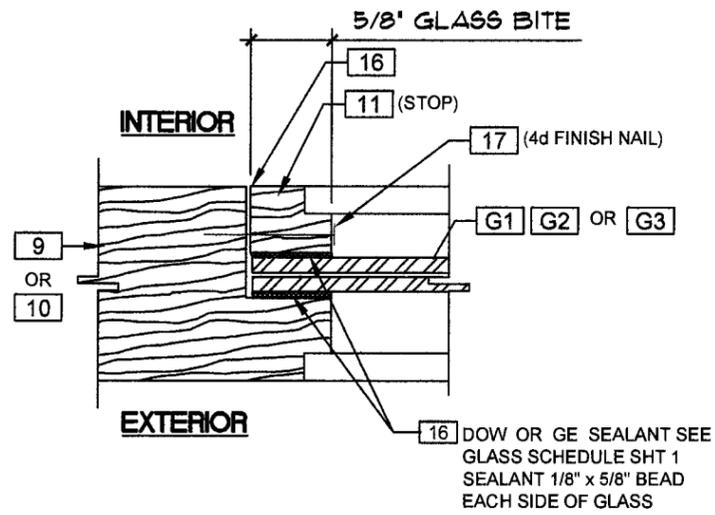
**ELEVATION OF OUTSWING WOOD DOORS**  
**DOOR ASSEMBLY DETAILS**  
 (UNIT SHOWN FROM EXTERIOR)  
 SCALE: 3/4" = 1'-0"



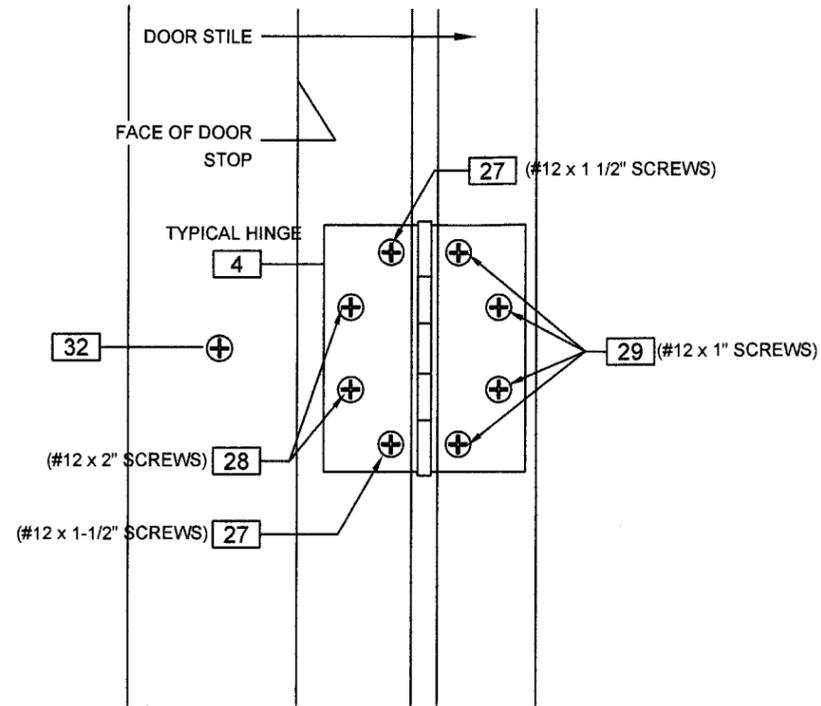
**ELEVATION OF OUTSWING ARCHED TOP DOORS**  
**DOOR ASSEMBLY DETAILS**  
 (UNIT SHOWN FROM EXTERIOR)  
 SCALE: 3/4" = 1'-0"

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 09-1019-02  
 Expiration Date 10/31/2012  
 By: *[Signature]*  
 Miami Dade Product Control  
 Division

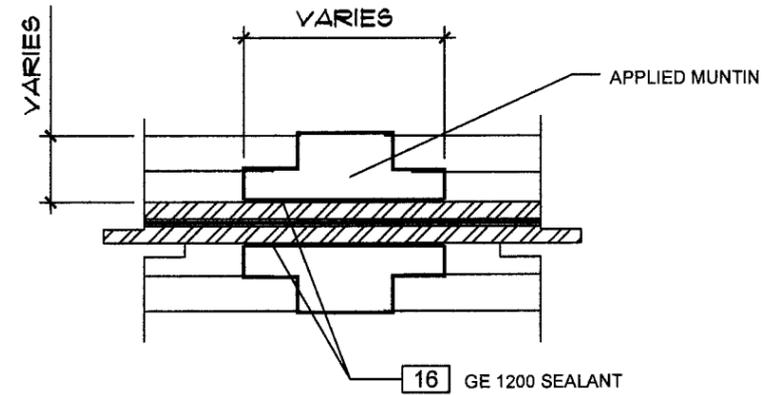
REVISION DESCRIPTION GENERAL REVISIONS GENERAL REVISIONS GENERAL REVISIONS NEW CODE REVISIONS	BY	DATE
	G.R.	08/20/02
	G.R.	09/25/02
	G.R.	10/9/02
	L.K.	09/03/06
NO.	2	
DRAWING TITLE	STORM LINE WOOD ENTRY DOORS	
MANUFACTURER	INDUSTRIAL MILLWORK CORP	
LAG DESIGN	WEST HWY 36 SENECA, KS 66538	
	(800)462-3667	
BROMLEY - COOK ENGINEERING, INC.	STRUCTURAL ENGINEERING SERVICES	
5440 N.W. 33rd AVENUE, SUITE 100	FORT LAUDERDALE, FL 33309	
PHONE: (954) 772-4624 FAX: (954) 772-4634	CERT. OF AUTH. #00009124	
CERTIFICATION	SEP 15 2009 WILLIAM D. COOK, P.E. FLA. P.E. NO. 43904	
	DATE:	11/27/01
	DRAWING NO.:	LAG-SL
	SHEET NO.:	2 OF 10



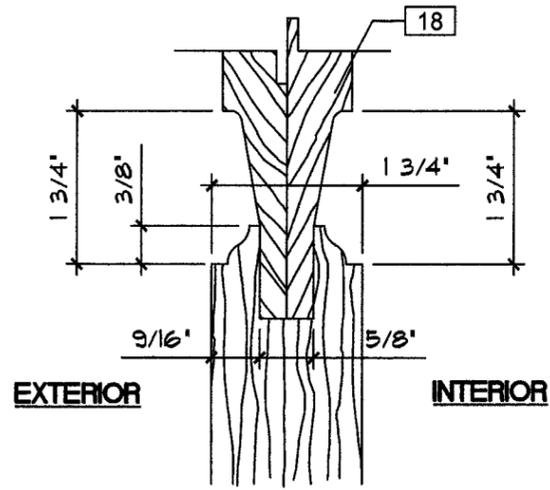
**GLASS DETAIL FOR IMPACT DOORS**  
( 7/16" LAMINATED GLASS )



**DETAIL 'A'**  
(TYPICAL AT ALL HINGES)



**DECORATIVE SURFACE**  
**APPLIED MUNTINS**  
SCALE: NTS

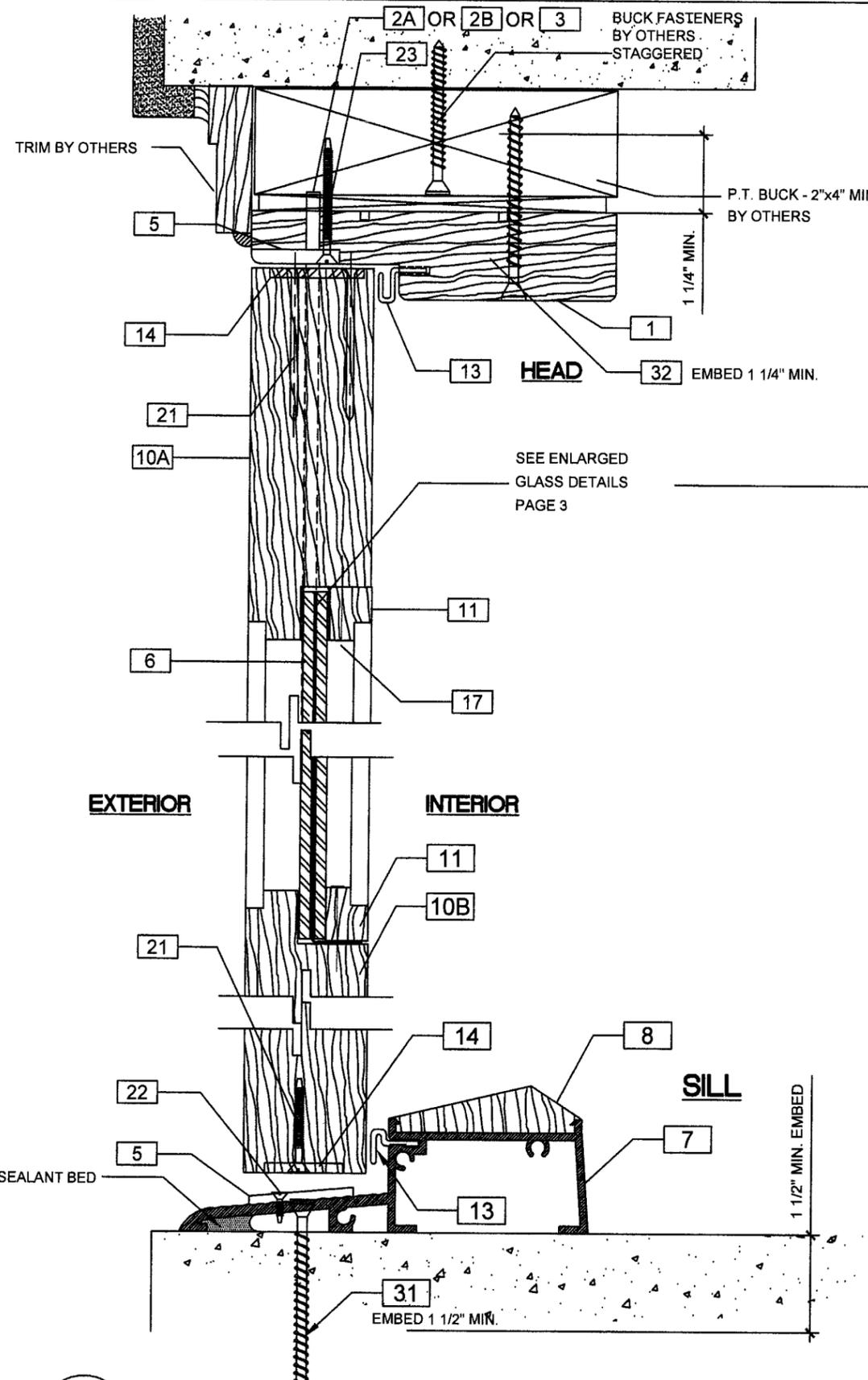


**WOOD PANEL DETAIL**  
SCALE: NTS

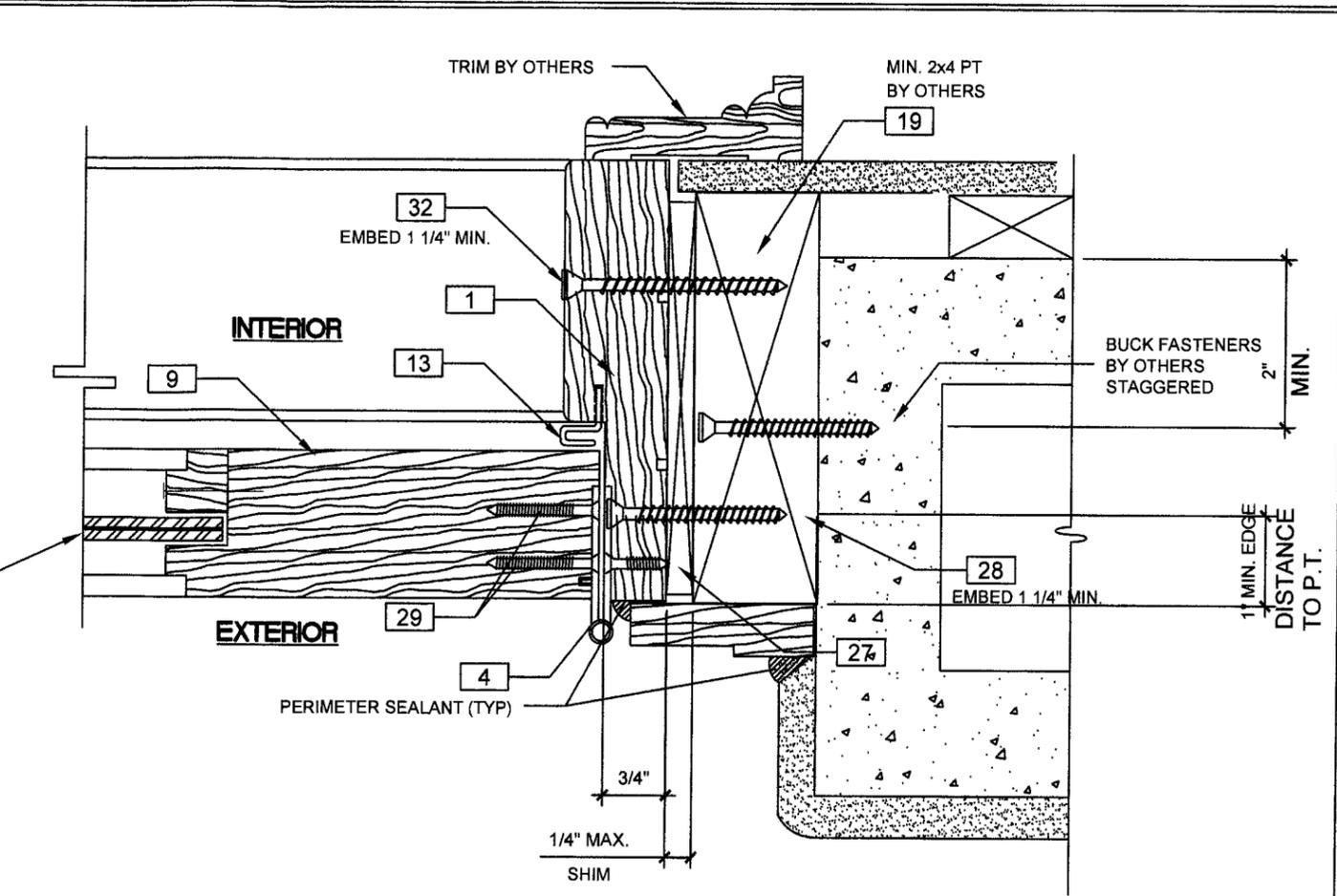
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 05-1019-02  
Expiration Date 10/31/2012

By *[Signature]*  
Miami Dade Product Control  
Division

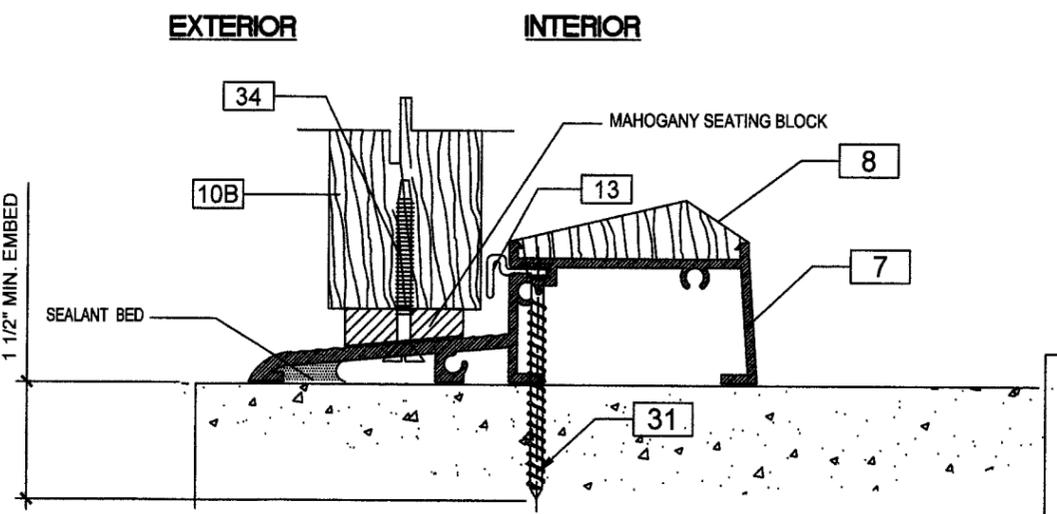
REVISION DESCRIPTION		BY	DATE
NEW CODE REVISIONS		L.K.	03/03/06
NO. 1			
DRAWING TITLE		STORM LINE WOOD ENTRY DOORS	
MANUFACTURER		LAG DESIGN INDUSTRIAL MILLWORK CORP WEST HWAY 36 SENECA, KS 66538 (800)462-3667	
BROMLEY COOK ENGINEERING, INC.		STRUCTURAL ENGINEERING SERVICES	
5440 N.W. 33rd AVENUE, SUITE 100 FORT LAUDERDALE, FL 33309 PHONE: (954) 772-4624 FAX: (954) 772-4634 CERT. OF AUTH. #00009124		CERTIFICATION	
SEP 15 2009		WILLIAM D. COOK, P.E. FLA. P.E. NO. 43904	
DATE:		11/27/01	
DRAWING NO.:		LAG-SL	
SHEET NO.:		3 OF 10	



**2**  
**4** TYP. THRESHOLD SECTION INSTALLATION  
DETAIL @ CONCRETE SILL  
SCALE: HALF SCALE



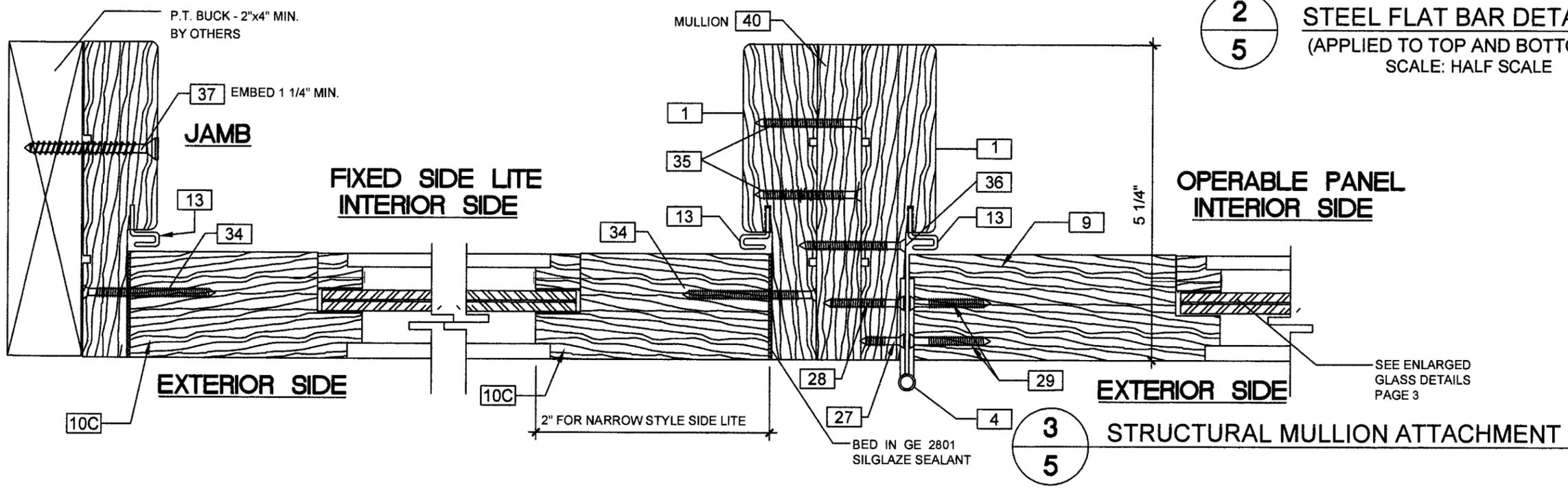
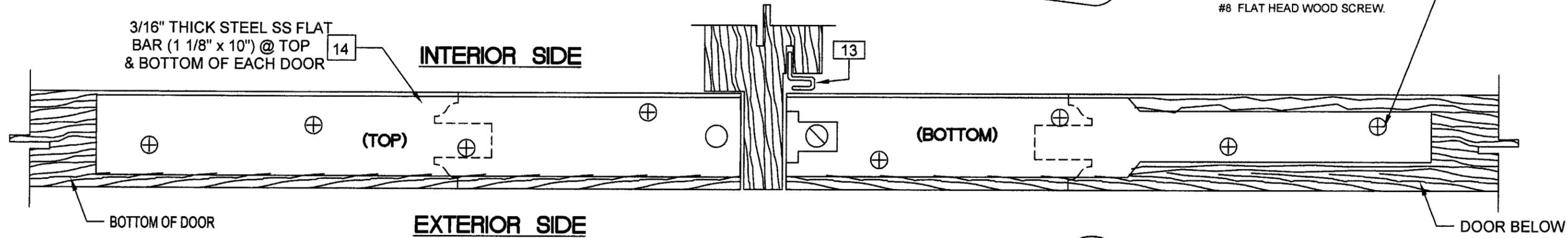
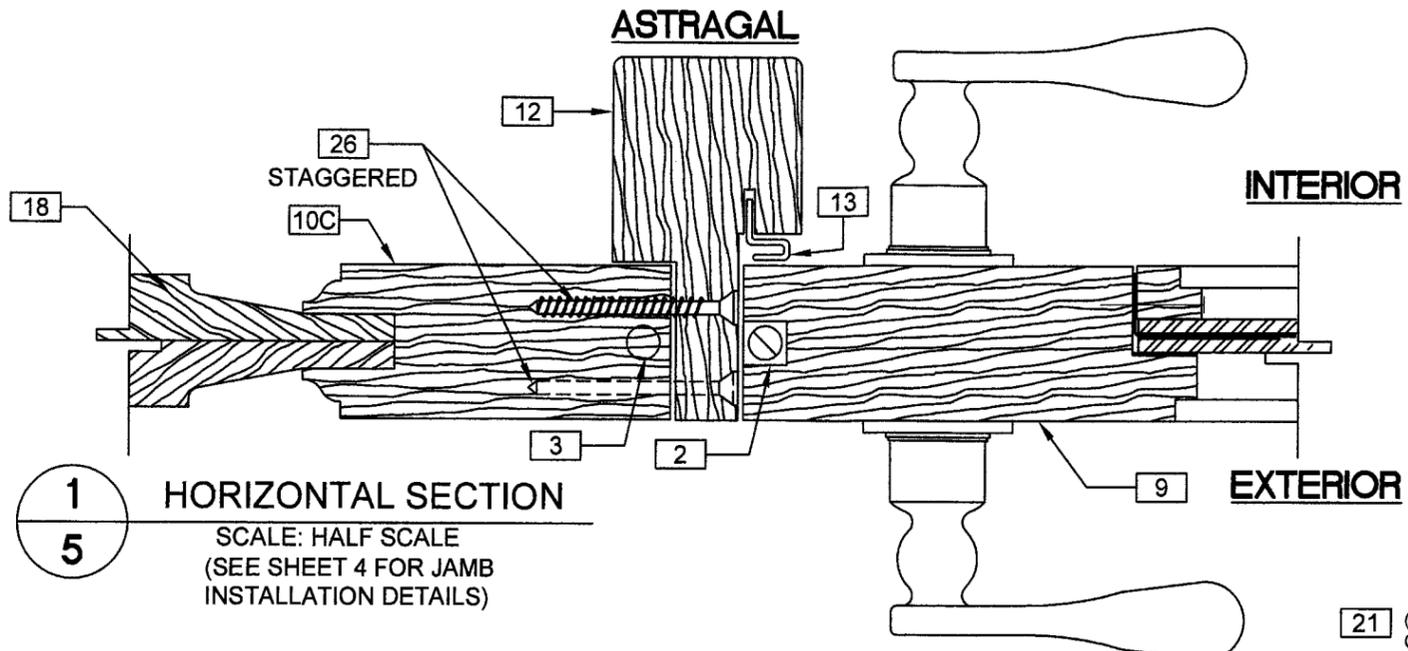
**1**  
**4** TYP. JAMB SECTION INSTALLATION  
DETAIL AT BLOCK WALL  
SCALE: HALF SCALE



**3**  
**4** TYP. SILL SECTION INSTALLATION @ SIDE LIGHT  
DETAIL @ CONCRETE SILL  
SCALE: HALF SCALE

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 09-1019-02  
Expiration Date 10/31/2012  
By *William D. Cook*  
Miami/Dade Product Control  
Division

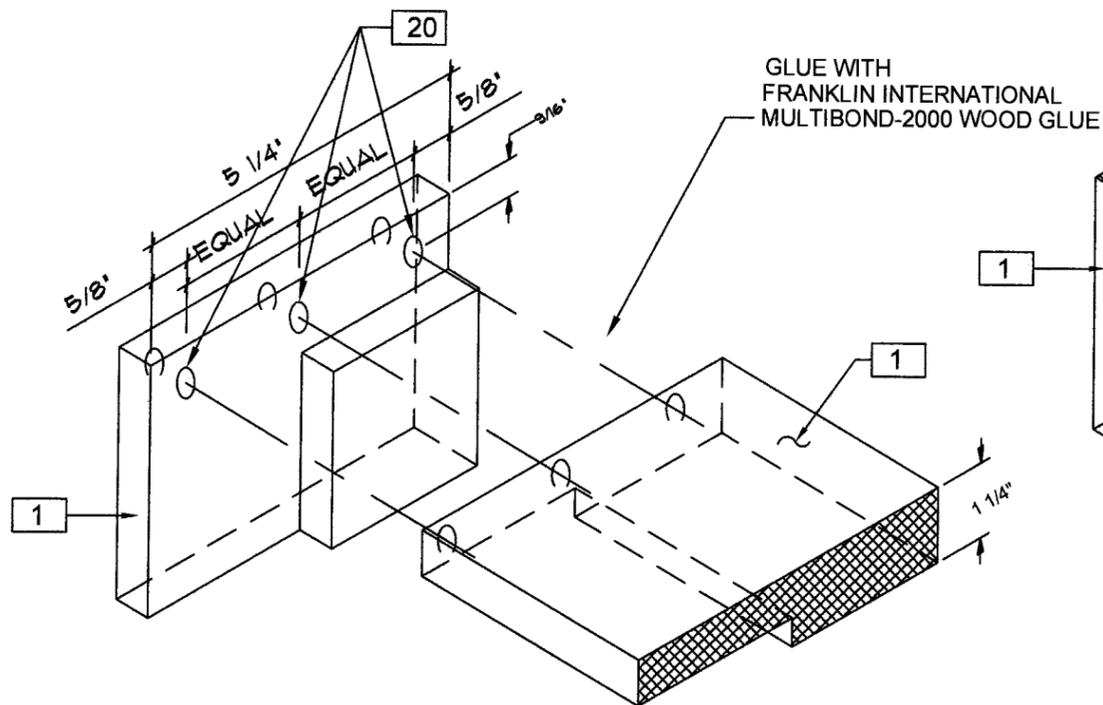
DRAWING TITLE STORM LINE WOOD ENTRY DOORS	NO.	1	REVISION DESCRIPTION	BY	DATE
	1	GENERAL REVISIONS		G.R.	09/25/02
	2	GENERAL REVISIONS		G.R.	10/09/02
MANUFACTURER LAG DESIGN INDUSTRIAL MILLWORK CORP WEST HWAY 36 SENECA, KS 66538 (800)462-3667	3	NEW CODE REVISIONS		L.K.	03/03/06
	BROMLEY - COOK ENGINEERING, INC. CONSULTING ENGINEERS 5440 N.W. 33rd AVENUE, SUITE 100 FORT LAUDERDALE, FL 33309 PHONE: (954) 772-4624 FAX: (954) 772-4634 CERT. OF AUTH. #00009124				
CERTIFICATION	SEP 15 2009 WILLIAM D. COOK, P.E. FLA. P.E. NO. 43904				
	DATE: 11/27/01				
	DRAWING NO: LAG-SL				
	SHEET NO: 4 OF 10				



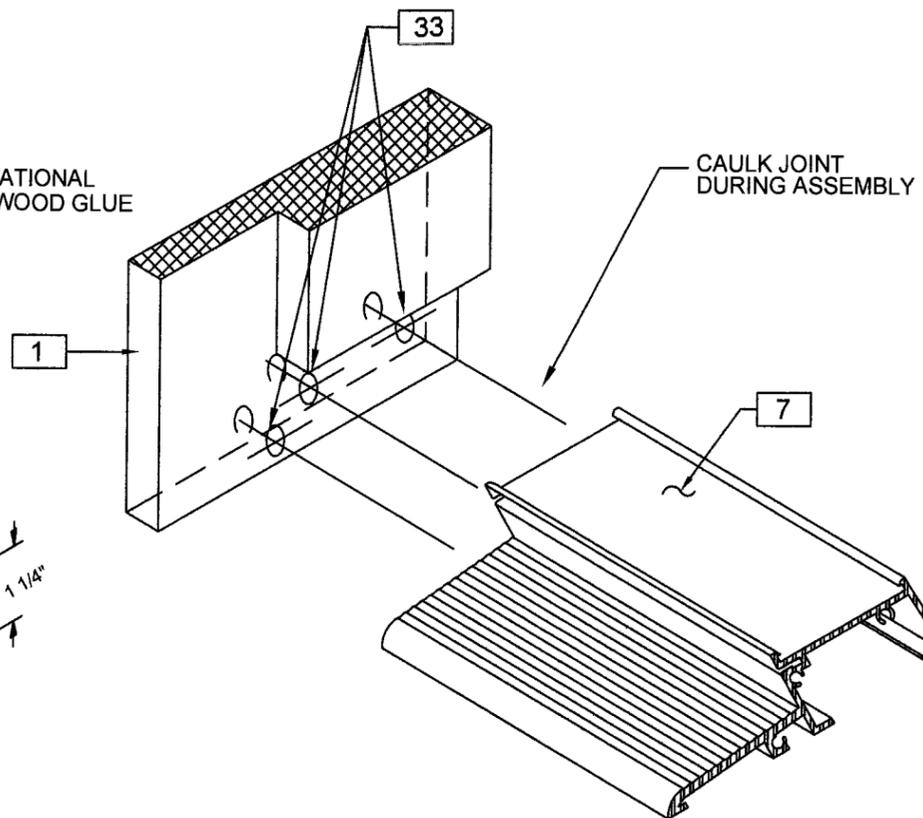
**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 09-1019-02  
Expiration Date 10/31/2012

By *William D. Cook*  
Miami Dade Product Control  
Division

NO.	1	REVISION DESCRIPTION	NEW CODE REVISIONS	BY	L.K.	DATE	09/03/06
DRAWING TITLE	STORM LINE WOOD ENTRY DOORS						
MANUFACTURER	LAG DESIGN INDUSTRIAL MILLWORK CORP WEST HWY 36 SENECA, KS 66538 (800)462-3667						
CERTIFICATION	BROMLEY - COOK ENGINEERING, INC. CONSULTING ENGINEERS 5440 N.W. 33rd AVENUE, SUITE 100 FORT LAUDERDALE, FL 33309 PHONE: (954) 772-4624 FAX: (954) 772-4634 CERT. OF AUTH. #00009124						
DATE:	11/27/01						
DRAWING NO.:	LAG-SL						
SHEET NO.:	5 OF 10						

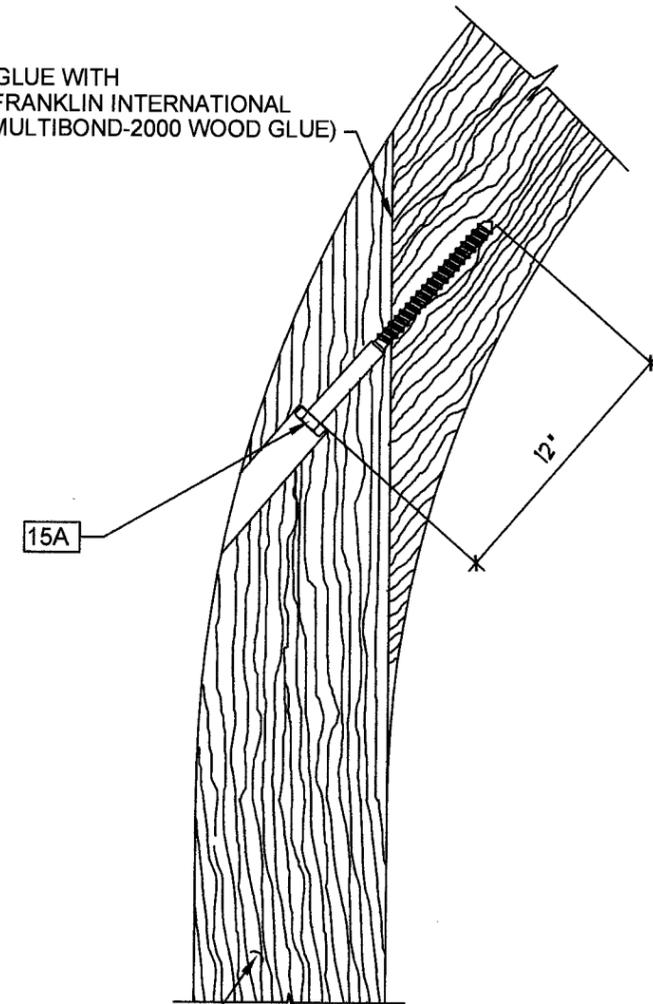


1  
6 TYP. FRAME CORNER DETAIL  
(ALL MEETING JAMB MEMBERS TO BE SCREWED AT ALL CORNERS)  
SCALE: NTS

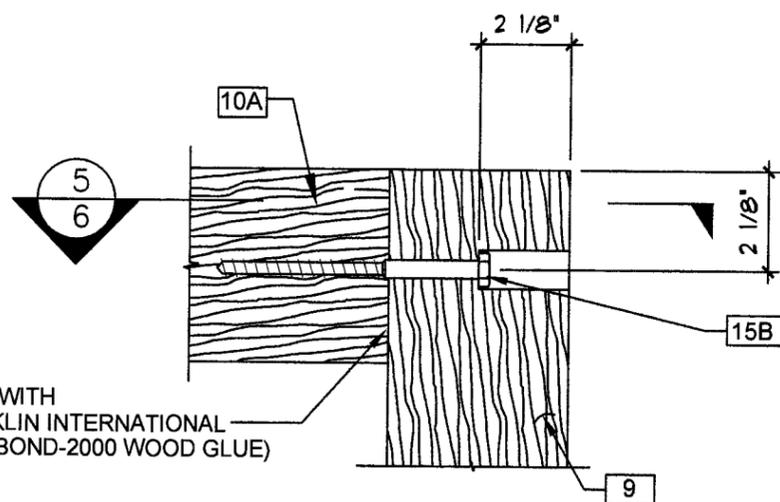


2  
6 TYP. THRESHOLD CORNER DETAIL  
(ALL MEETING JAMB MEMBERS TO BE SCREWED AT ALL CORNERS)  
SCALE: NTS

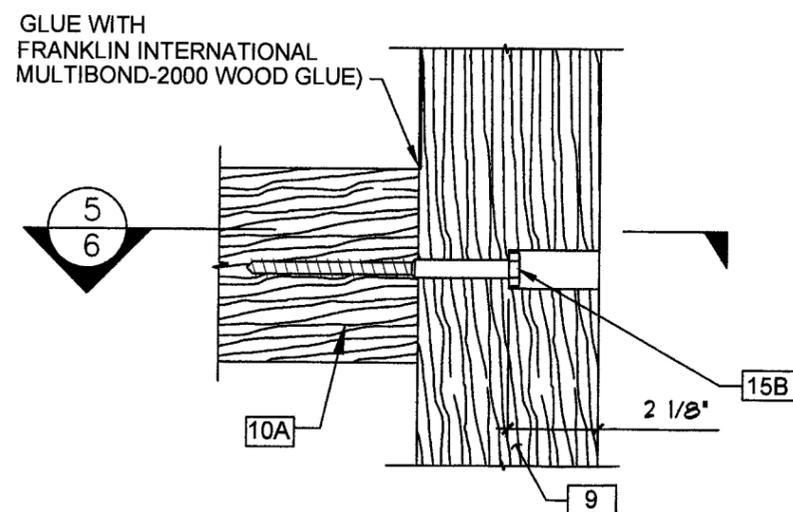
GLUE WITH FRANKLIN INTERNATIONAL MULTIBOND-2000 WOOD GLUE)



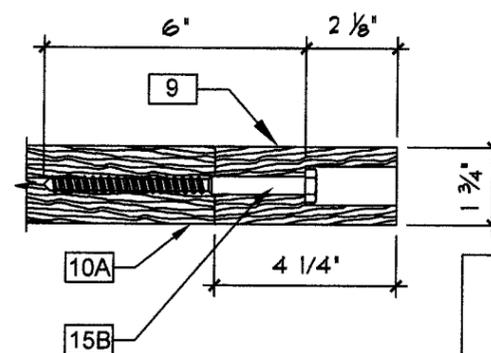
3  
6 ARCHED DOOR PANEL CORNER DETAIL  
SCALE: 1/4" = 1"



4  
6 DOOR PANEL CORNER DETAIL  
SCALE: 1/4" = 1"



TYPICAL MEETING RAIL DETAIL  
SCALE: 1/4" = 1"



5  
6 SECTION  
SCALE: 1/4" = 1"

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No 09-1019-02  
Expiration Date 10/31/2012  
By *Manuel Jara*  
Miami Dade Product Control  
Division

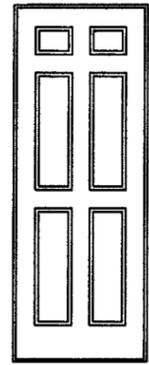
NO.	REVISION DESCRIPTION	BY	DATE
1	GENERAL REVISIONS	G.R.	04/23/02
2	GENERAL REVISIONS	G.R.	07/30/02
3	GENERAL REVISIONS	G.R.	09/25/02
4	GENERAL REVISIONS	G.R.	10/9/02
5	NEW CODE REVISIONS	L.K.	03/03/06

DRAWING TITLE  
STORM LINE WOOD ENTRY DOORS  
MANUFACTURER  
LAG DESIGN  
INDUSTRIAL MILLWORK CORP  
WEST HWY 36 SENECA, KS 66538  
(800)462-3667

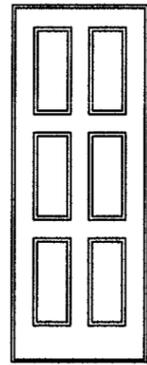
BROMLEY - COOK ENGINEERING, INC.  
STRUCTURAL ENGINEERING SERVICES  
5440 N.W. 33rd AVENUE, SUITE 100  
FORT LAUDERDALE, FL 33309  
PHONE: (954) 772-4624 FAX: (954) 772-4634  
CERT. OF AUTH. #00009124

CERTIFICATION  
SEP 15 2009  
WILLIAM D. COOK, P.E.  
FLA. P.E. NO. 43904

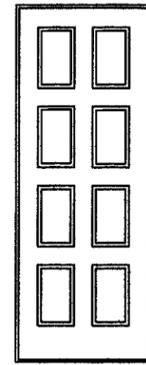
DATE:  
11/27/01  
DRAWING NO:  
LAG-SL  
SHEET NO:  
6 OF 10



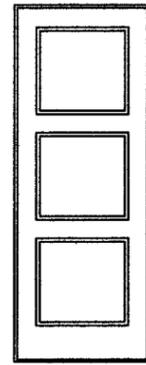
D-18



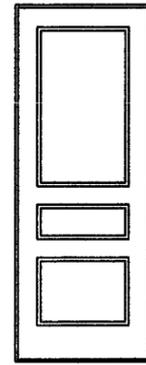
D-24



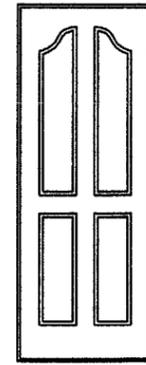
D-26



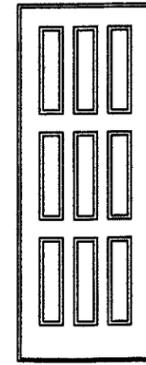
D-30



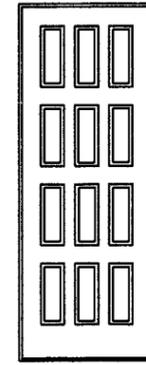
D-32



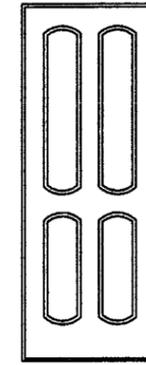
D-34



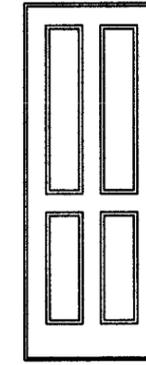
D-35



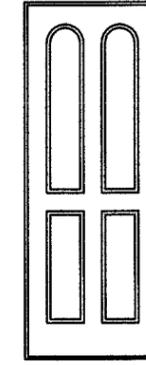
D-36



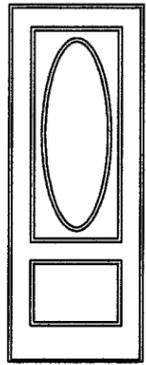
D-43A



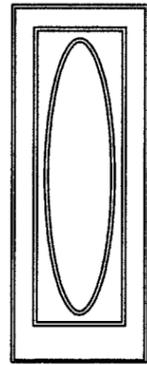
D-44



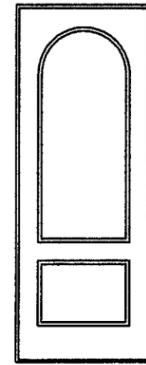
D-46



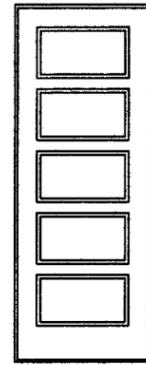
D-50



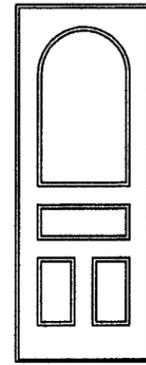
D-52



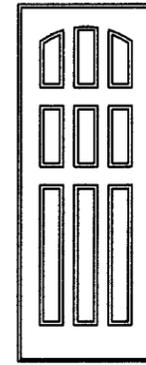
D-54



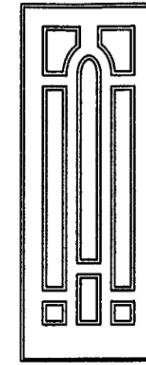
D-55



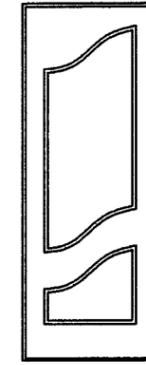
D-57



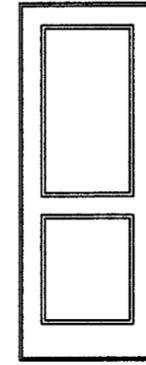
D-60



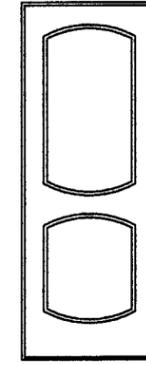
D-62



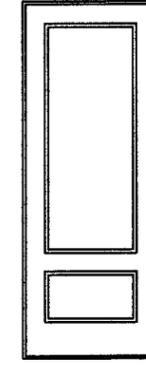
D-68



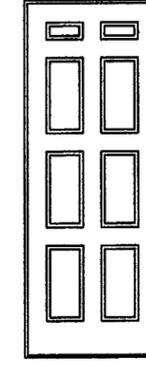
D-82



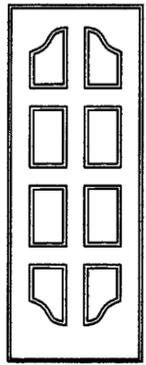
D-83



D-84



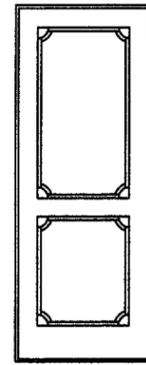
D-86



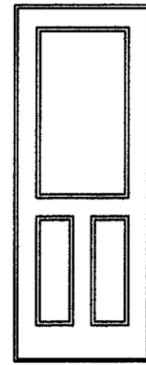
D-90



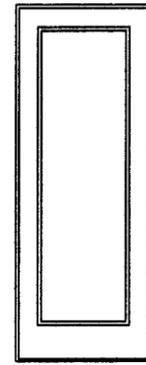
D-100



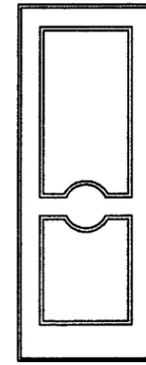
D-102



D-145



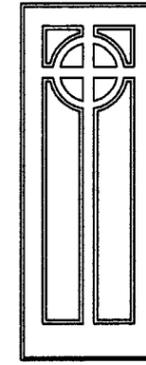
D-146



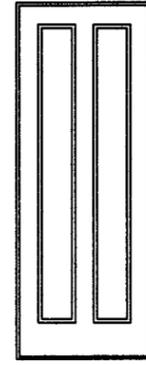
D-182



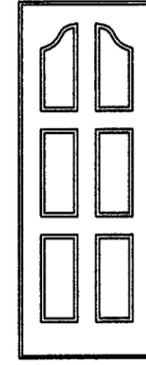
D-183



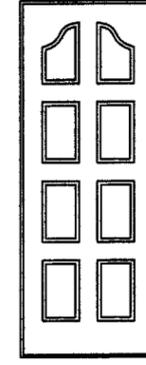
D-200



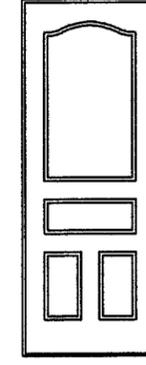
D-222



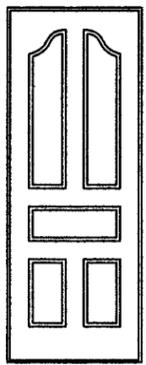
D-224



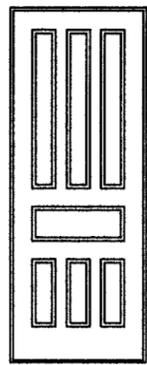
D-226



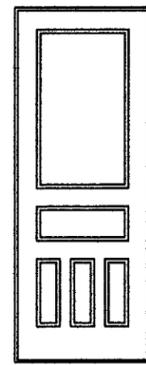
D-382



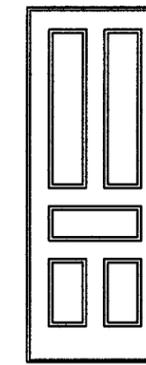
D-384



D-493

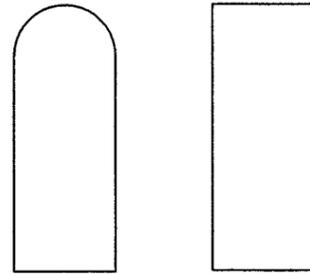


D-581



D-584

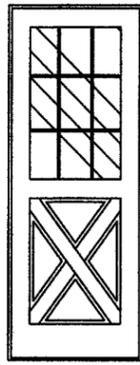
NOTE: DOOR PANELS MAY BE RECTANGULAR, ARCHED, OR ROUND TOP



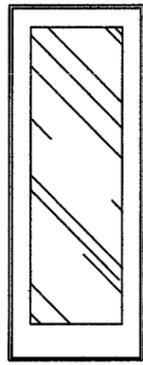
APPLICABLE SOLID WOOD RAISED PANEL DOORS

PRODUCT REVISED as complying with the Florida Building Code Acceptance No 09-1019-02 Expiration Date 10/31/2012 By *William D. Cook* Miami Dade Product Control Division

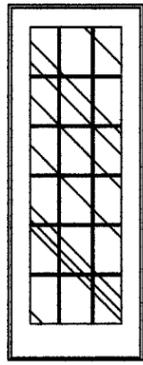
DRAWING TITLE STORM LINE WOOD ENTRY DOORS	NO.	1	REVISION DESCRIPTION	BY	DATE
		2	GENERAL REVISIONS	G.R.	04/23/02
		7	GENERAL REVISIONS	G.R.	09/25/02
			NEW CODE REVISIONS	L.K.	03/03/06
MANUFACTURER	INDUSTRIAL MILLWORK CORP WEST HWY 36 SENECA, KS 66538 (800)462-3667				
BROMLEY - COOK ENGINEERING, INC. STRUCTURAL ENGINEERING SERVICES	5440 N.W. 33rd AVENUE, SUITE 100 FORT LAUDERDALE, FL 33309 PHONE: (954) 772-4624 FAX: (954) 772-4634 CERT. OF AUTH. #00009124				
CERTIFICATION	SEP 15 2009 WILLIAM D. COOK, P.E. FLA. P.E. NO. 43904				
	DATE: 11/27/01				
	DRAWING NO: LAG-SL				
	SHEET NO: 7 OF 10				



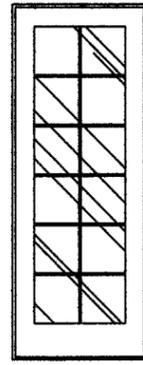
D-12



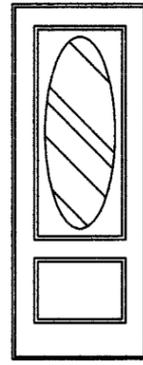
D-14



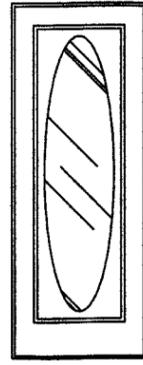
D-22



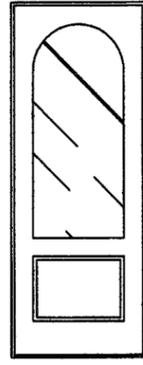
D-28



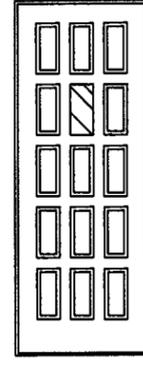
D-51



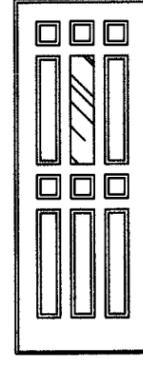
D-53



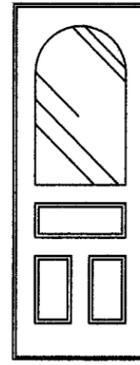
D-56



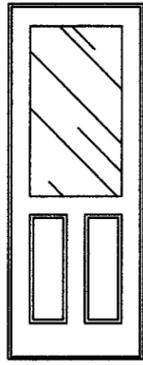
D-10



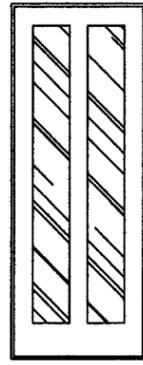
D-16



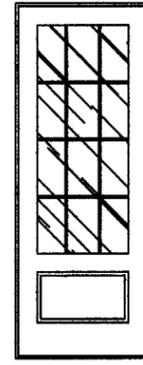
D-58



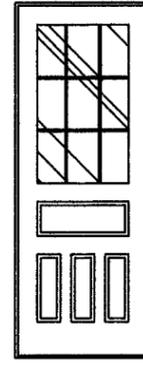
D-144



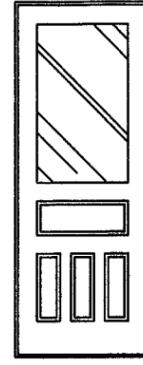
D-220



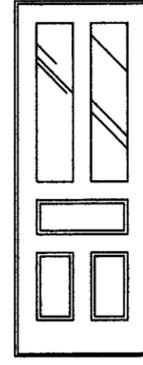
D-221



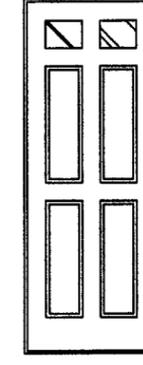
D-499



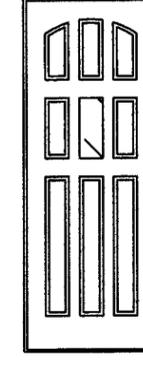
D-580



D-582

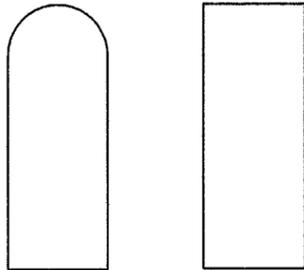


D-19



D-61

NOTE: DOOR PANELS MAY BE RECTANGULAR ARCH TOP, OR ROUND TOP



APPLICABLE GLAZED PANEL DOORS

NOTE: APPLIED MUNTINS USED FOR DIVIDED LIGHTS

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 09-1019-02  
Expiration Date 10/31/2012  
By *Manuel J. ...*  
Miami/Dade Product Control Division

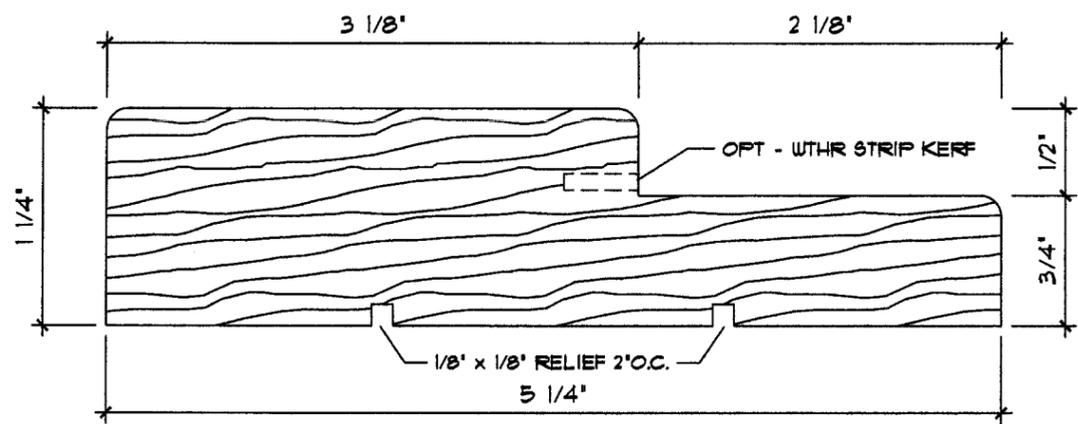
CERTIFICATION  
SEP 15 2009  
WILLIAM D. COOK, P.E.  
FLA. P.E. NO. 43904

DATE: 11/27/01  
DRAWING NO: LAG-SL  
SHEET NO: 8 OF 10

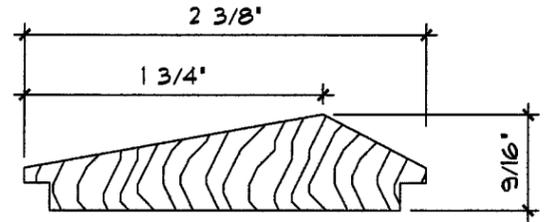
DRAWING TITLE: STORM LINE WOOD ENTRY DOORS  
MANUFACTURER: LAG DESIGN INDUSTRIAL MILLWORK CORP  
WEST HWAY 36 SENECA, KS 66538  
(800)462-3667

BROMLEY - COOK ENGINEERING, INC.  
STRUCTURAL ENGINEERING SERVICES  
5440 N.W. 33rd AVENUE, SUITE 100  
FORT LAUDERDALE, FL 33309  
PHONE: (954) 772-4624 FAX: (954) 772-4634  
CERT. OF AUTH. #00009124

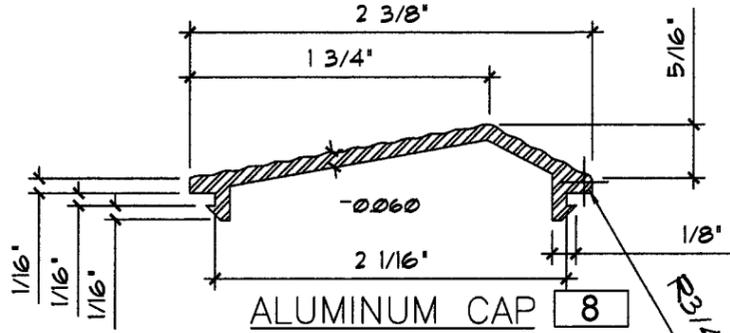
NO.	REVISION DESCRIPTION	BY	DATE
1	GENERAL REVISIONS	G.R.	04/23/02
2	GENERAL REVISIONS	G.R.	09/25/02
7	NEW CODE REVISIONS	L.K.	03/03/06



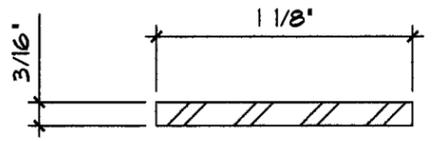
**JAMB 1**  
SCALE: NOT TO SCALE



**OAK CAP 8**  
SCALE: NOT TO SCALE

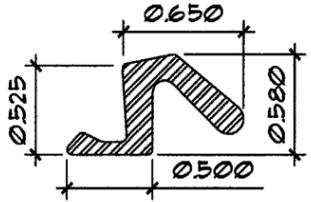


**ALUMINUM CAP 8**  
SCALE: NOT TO SCALE  
(6063-T5)

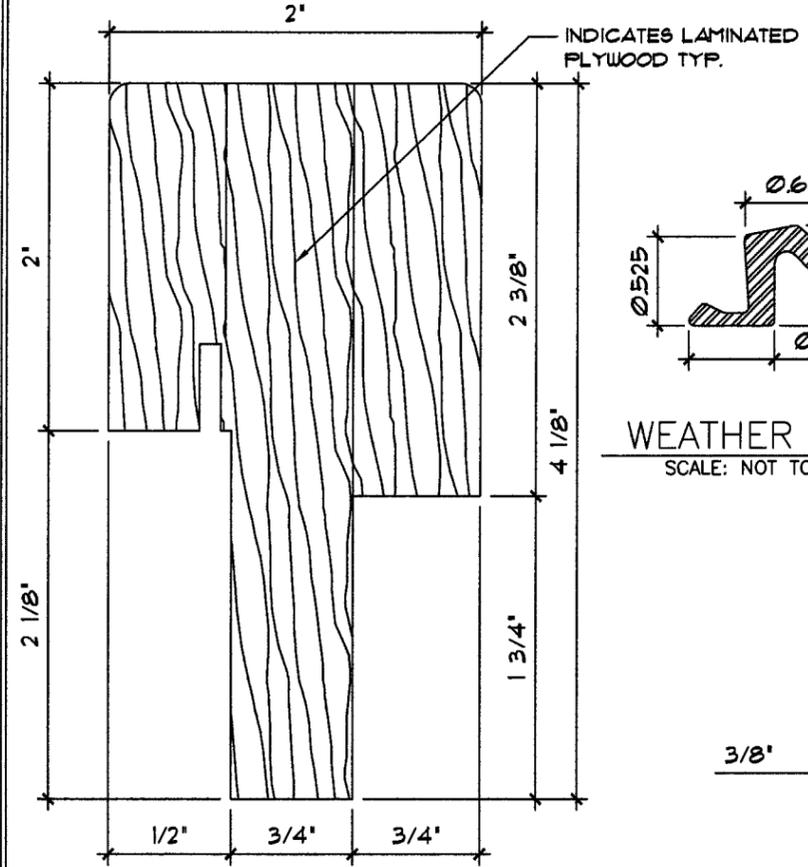


**REINFORCING PLATE 14**  
(STAINLESS STEEL)  
SCALE: NOT TO SCALE

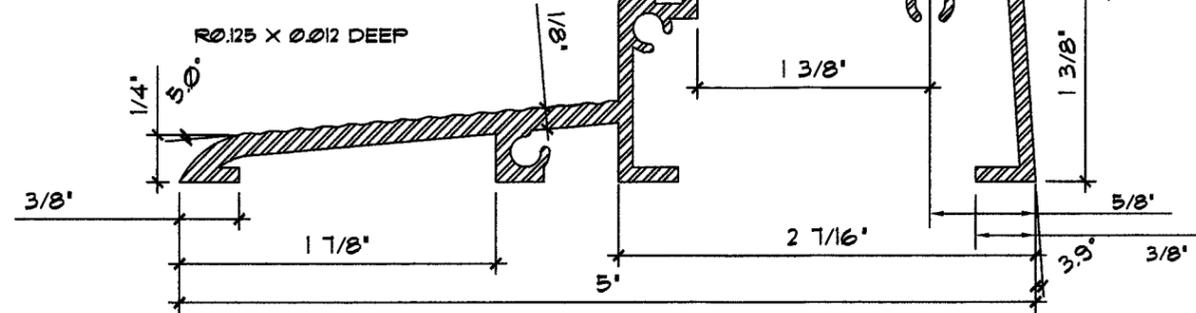
SEE DETAIL '2/5' FOR PLAN VIEW.



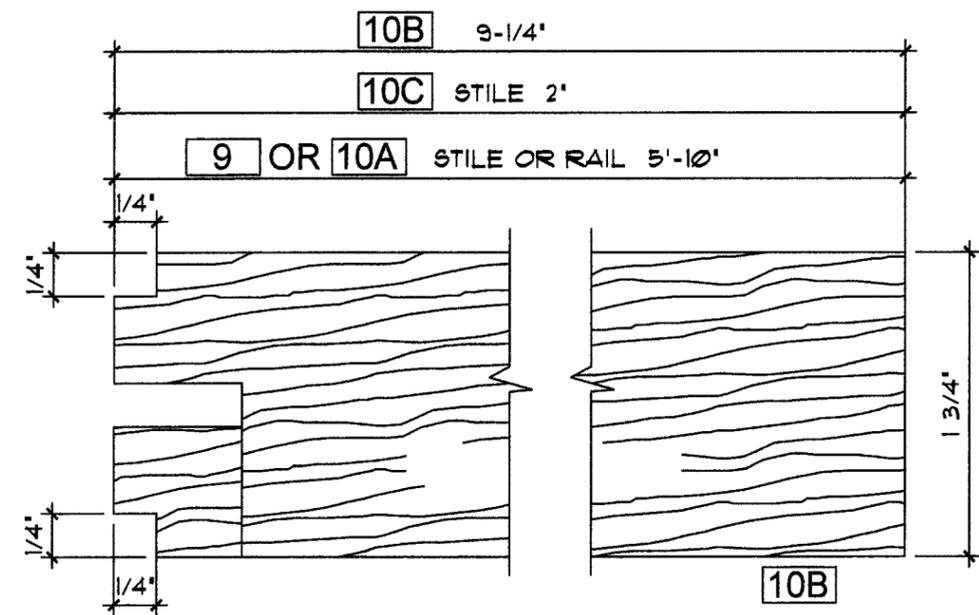
**WEATHER STRIP 13**  
SCALE: NOT TO SCALE



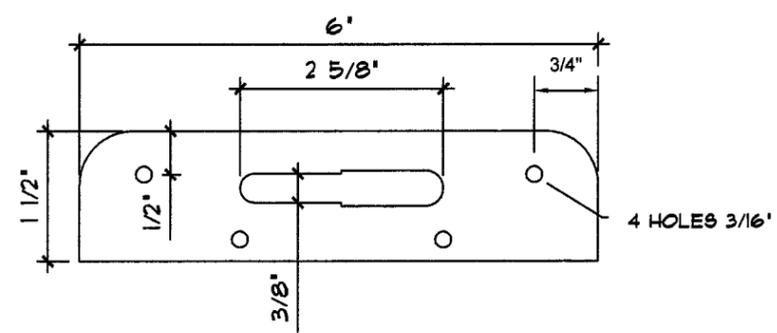
**ASTRAGAL 12**  
SCALE: NOT TO SCALE



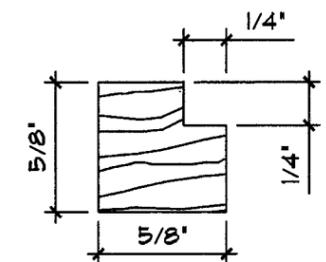
**ALUMINUM THRESHOLD 7**  
SCALE: NOT TO SCALE  
(6063-T5)



**STILES & RAILS**  
SCALE: N.T.S.



**STRIKE PLATE 5**  
(6063-T5)  
SCALE: NOT TO SCALE



**GLASS STOP 11**  
SCALE: NOT TO SCALE

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 09-1019.02  
Expiration Date 10/31/2012  
By *[Signature]*  
Miami Dade Product Control  
Division

DRAWING TITLE <b>STORM LINE WOOD ENTRY DOORS</b>	NO.	1	REVISION DESCRIPTION	BY	DATE
		2	GENERAL REVISIONS	G.R.	09/25/02
MANUFACTURER			NEW CODE REVISIONS	L.K.	03/03/06
LAG DESIGN INDUSTRIAL MILLWORK CORP WEST HWY 36 SENECA, KS 66538 (800)462-3667					
BROMLEY - COOK ENGINEERING, INC. STRUCTURAL ENGINEERING SERVICES 5440 N.W. 33rd AVENUE, SUITE 100 FORT LAUDERDALE, FL 33309 PHONE: (954) 772-4624 FAX: (954) 772-4634 CERT. OF AUTH. #00009124					
CERTIFICATION	SEP 15 2009 WILLIAM D. COOK, P.E. FLA. P.E. NO. 43904				
	DATE: 11/27/01				
	DRAWING NO: LAG-SL				
	SHEET NO: 9 OF 10				

# MATERIAL LIST

1. SIDE & HEAD JAMB (1 1/4" X 5 1/4" RABBETED & KERFED MAHOGANY OR OAK  
NOTE: WOOD SPECIES OF EQUAL OR GREATER DENSITY MAY BE SUBSTITUTED FOR ALL WOOD COMPONENTS
2. LOCKING HARDWARE:
  - A. SCHLAGE LOCK MODEL 660 & DEAD BOLT @ 36" & 52" ABOVE BASE OF DOOR AND IVES 353  
8" SURFACE BOLTS AT TOP AND BOTTOM OF ACTIVE PANEL.
  - B. G.U. HARDWARE CREMONA R2 (6 POINT) DOOR BOLT SYSTEM WITH LEVER HANDLE & STRIKE AT  
36" ABOVE BASE OF ACTIVE DOOR AND SHOOT BOLT MORTISED INTO DOOR  
PANEL WITH TOP AND BOTTOM STRIKES.
3. DOUBLE ACTING FLUSH BOLT BY H.T.L. (HARDWARE TECHNOLOGIES LIMITED) AT  
THE INACTIVE DOOR WITH TOP AND BOTTOM STRIKES.
4. STEEL HINGES 4 1/2" X 4 1/2" X 3/32" THICK LEAFS (GENERIC) PAINTED, STAINLESS STEEL, OR OTHER FINISHES.
5. STRIKES: HEAD AND SILL STRIKE PLATE. ALUMINUM BAR 0.125" THICK X 1 1/2" X 6"
6. GLASS: SEE GLAZING TABLE ON SHEET 1
7. 5" X 1 3/8" 6063-T5 ALUMINUM BUMPER THRESHOLD.
8. MAHOGANY / OAK OR 6063-T5 ALUMINUM THRESHOLD CAP.
9. 1.75" X 5.25" MAHOGANY OR OAK STILE (OPERABLE DOOR)
10. RAILS:
  - A. 1.75" X 5.25" MAHOGANY OR OAK TOP RAIL.
  - B. 1.75" X 9.25" MAHOGANY OR OAK BOTTOM RAIL
  - C. 1.75" X 2" MAHOGANY OR OAK STILE - (FIXED LITE)
11. GLASS STOP 5/8" x 5/8".
12. ASTRAGAL 2 3/16" X 4 1/8" LAMINATED LVL HARDWOOD PLYWOOD WITH 1 3/4" RABBET ON INACTIVE SIDE AND 2 1/8" RABBET ON ACTIVE SIDE
13. WEATHER STRIP 5/8" Q-LON QDS-650.
14. TOP / BOTTOM DOOR GUIDE REINFORCING 3/16" THK. STAINLESS STEEL x 10" LG x 1 1/8" WIDE
15. PANEL LAG BOLTS
  - A. PANEL 3/8" x 12" STEEL LAG SCREW
  - B. PANEL 3/8" x 6" STEEL LAG SCREW
16. SILICONE BACK BEDDING GLAZING SEALING GLASS TO PANEL. G.E. OR DOW CORNING
17. 4d X 1 1/4" FINISHING NAIL 1" FROM CORNERS AND SPACED MAX. 2 1/2" O.C. FASTENING GLASS STOPS TO PANELS.
18. SOLID MAHOGANY RAISED PANEL - 1 1/2" THK. @ CENTER, 5/8" THK. @ EDGES
19. MIN. 2X4 P.T. BUCK BY OTHERS.
20. #10 x 2 1/2" F.H.S.M.S. (3 PER JAMB CORNER FASTENING JAMB TO JAMB). TYP.
21. NO. 8 X 2" PFHMS FASTENING REINF. TO DOOR RAIL
22. NO. 8 X 3/4" PFHMS FASTENING STRIKE PLATE TO HEAD JAMB AND SILL (2 PER PLATE).
23. NO. 12 X 2 1/4" PFHMS FASTENING STRIKE PLATE TO HEAD JAMB & BUCK  
(SCREWS PENETRATE THROUGH JAMB & INTO BUCK 1 1/2" ). 2 PER PLATE.
24. NOT USED
25. NOT USED
26. NO. 10"x2" TO INACTIVE PANEL ASTRAGAL (1" FROM END, BALANCE @ 11" O/C. STAGGERED. MIN.)
27. NO. 12 X 1 1/2" FHSMS FASTENING HINGE TO JAMB (2 PER HINGE).
28. NO. 12 X 2" FHSMS FASTENING HINGE TO JAMB (2 PER HINGE). FASTENERS: MUST PENETRATE BUCK MIN. 1 1/4" - LENGTH AS REQ'D.
29. NO. 12 X 1" FHSMS FASTENING HINGES TO PANELS (4 PER HINGE).
30. NO. #10 X 3" SMS FASTENING THRESHOLD TO WOOD FRAMING.  
POSITIONED AS SHOWN ON ELEVATION VIEWS AND SECTIONS EMBED INTO BUCK MIN 1 1/4".
31. 1/4" TAPCONS (LENGTH AS REQUIRED FOR MIN. 1 1/2" CONCRETE EMBED)  
POSITIONED AS SHOWN ON ELEVATION VIEWS AND SECTIONS.
32. NO. 12 F.H.S.M.S. FASTENING JAMB TO BUCKS. EMBED 1 1/4" MIN.
33. No.8 x 2 1/2" SMS THRU JAMBS & INTO SCREW SPLINES IN THRESHOLD (3 PER CORNER)
34. NO. #8 X 2 1/2" F.H.S.M.S. FASTENING MULLIONS TO PANELS (4" FROM CORNERS & 8" O/C.)
35. NO. 12 X 1 1/2" F.H.S.M.S. (2) @ 1" FROM ENDS, BALANCE @ 12" O/C. (SINGLE ROW FOR BALANCE)
36. NO. 12 x 3" F.H.S.M.S. - 1" FROM ENDS, BALANCE @ 12" O/C.
37. NO. 12 x 3 1/2" F.H.S.M.S. -3 1/2" FROM ENDS, BALANCE @ 17 1/2" O/C. @ JAMBS  
EMBED 1 1/4" (MIN) INTO BUCK
38. NO. 12 x 3 1/2" F.H.S.M.S. - 3" FROM ENDS, BALANCE @ 12" O/C. @ HEAD  
EMBED 1 1/4" (MIN) INTO BUCK
39. 1/4" DIA. x 2 1/2" TAP-CON w/ 1 1/4" MIN. EMBED @ SILL
40. 3/4" x 5 1/4" STRUCTURAL MULLION COMPOSED OF 13 PLY HARDWOOD PLYWOOD

AT FIXED PANELS ONLY

NO.	REVISION DESCRIPTION	BY	DATE
1	GENERAL REVISIONS	G.R.	04/23/02
2	GENERAL REVISIONS	G.R.	09/25/02
3	GENERAL REVISIONS	G.R.	10/01/02
4	NEW CODE REVISIONS	L.K.	03/03/06

DRAWING TITLE <b>STORM LINE WOOD ENTRY DOORS</b>	MANUFACTURER <b>LAG DESIGN</b> INDUSTRIAL MILLWORK CORP WEST HWY 36 SENECA, KS 66538 (800)462-3667
---	--

BROMLEY - COOK ENGINEERING, INC. STRUCTURAL ENGINEERING SERVICES 5440 N.W. 33rd AVENUE, SUITE 100 FORT LAUDERDALE, FL 33309 PHONE: (954) 772-4624 FAX: (954) 772-4634 CERT. OF AUTH. #00009124	CERTIFICATION <div style="text-align: center;">                       SEP 15 2009                      WILLIAM D. COOK, P.E.                      FLA. P.E. NO. 43904                 </div>
---	---

<b>PRODUCT REVISED</b> as complying with the Florida Building Code Acceptance No. <u>09-1019-02</u> Expiration Date <u>10/31/2012</u> By <u>William D. Cook</u> Miami/Dade Product Control Division	DATE: 11/27/01 DRAWING NO: LAG-SL SHEET NO: 10 OF 10
--	---