



**MIAMI-DADE COUNTY**  
**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**  
[www.buildingcodeonline.com](http://www.buildingcodeonline.com)

**NOTICE OF ACCEPTANCE (NOA)**

**PGT Industries**  
**1070 Technology Drive**  
**Nokomis, FL 34275**

**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 FD-750 Outswing Aluminum French Door and Sidelites-LMI**

**APPROVAL DOCUMENT:** Drawing No. **8000-11**, titled "Alum. French Door & Sidelites, Impact", sheets 1 through 8 of 8, prepared by the manufacture, dated 12/23/04 with revision "A" on 03/25/05, signed and sealed by Lucas A. Turner, 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# 05-0103.03** and, consists of this page 1 and evidence page E-1, E-2 and E-3, as well as approval document mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



**NOA No 05-0419.03**  
**Expiration Date: February 24, 2010**  
**Approval Date: June 09, 2005**  
**Page 1**

PGT Industries

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **8000-11**, titled "Alum. French Door & Sidelites, Impact", sheets 1 through 8 of 8, prepared by the manufacture, dated 12/23/04 with revision "A" on 03/25/05, signed and sealed by Lucas A. Turner, P.E.

**B. TESTS**

1. 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 **aluminum outswinging french door**, prepared by Fenestration Testing Laboratory, Test Reports No. **FTL-4311**, dated 09/01/04, signed and sealed by Edmundo Largaespada, P. E.  
**"Submitted under NOA # 05-0103.03"**
2. Test reports on 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of aluminum outswinging french door, prepared by Fenestration Testing Laboratory, Test Reports No. **FTL-4312**, dated 09/13/04, signed and sealed by Edmundo Largaespada, P. E.  
**"Submitted under NOA # 05-0103.03"**
3. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of aluminum outswinging french door, prepared by Fenestration Testing Laboratory, Test Reports No. **FTL-4315**, dated 09/13/04, signed and sealed by Edmundo Largaespada, P. E.  
**"Submitted under NOA # 05-0103.03"**
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 aluminum outswinging french door, prepared by Fenestration Testing Laboratory, Test Reports No. **FTL-4529**, dated 02/14/05, signed and sealed by Edmundo Largaespada, P. E.



Herminio F. Gonzalez, P.E.  
Director, Building Code Compliance Office  
NOA No 05-0419.03

Expiration Date: February 24, 2010

Approval Date: June 09, 2005

**PGT Industries**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

5. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of aluminum  
outswinging french door, prepared by Fenestration Testing Laboratory, Test  
Reports No. **FTL-4528**, dated 02/14/05, signed and sealed by Edmundo  
Largaespada, P. E.
6. Test reports on 1) Uniform Static Air Pressure Test, per FBC, TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
along with marked-up drawings and installation diagram of aluminum  
outswinging french door, prepared by Fenestration Testing Laboratory, Test  
Reports No. **FTL-4527**, dated 02/10/05, signed and sealed by Edmundo  
Largaespada, P. E.
7. 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 aluminum  
outswinging french door, prepared by Fenestration Testing Laboratory, Test  
Reports No. **FTL-4530**, dated 02/14/05, signed and sealed by Edmundo  
Largaespada, P. E.

**C. CALCULATIONS**

1. Anchor Calculations, ASTM- E 1300, and structural analysis, prepared by  
manufacture, dated 12/22/04, signed and sealed by Lucas A. Turner, P.E.  
**"Submitted under NOA # 05-0103.03"**
2. **Rev.** Anchor Calculations, ASTM- E 1300, and structural analysis, prepared by  
manufacture, dated 04/15/05, signed and sealed by Lucas A. Turner, P.E.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **03-0827.08** issued to Solutia, Inc. for "Solutia  
Interlayers", dated 03/04/04 and expiring on 03/04/09.
2. Notice of Acceptance No. **02-0828.15** issued to E.I. DuPont de Nemours & Co.,  
Inc. for "DuPont Butacite PVB Material", dated 11/21/02 and expiring on  
12/11/05.



Herminio F. Gonzalez, P.E.  
Director, Building Code Compliance Office  
NOA No 05-0419.03  
Expiration Date: February 24, 2010  
Approval Date: June 09, 2005

**PGT Industries**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. STATEMENTS**

1. Statement letter of code compliance and no financial interest, dated April 15, 2005 signed and sealed by Lucas A. Turner, P.E.

**G. OTHER**

1. Letter from consultant stating that the product is in compliance with the Florida Building Code (FBC).
2. Notice of Acceptance No. **05-0103.03**, issued to PGT Industries, Aluminum French Door & Sidelites, Impact, approved on 02/24/05 and expiring on 02/24/10.

*for M. Gonzalez*

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**Herminio F. Gonzalez, P.E.**  
**Director, Building Code Compliance Office**  
**NOA No 05-0419.03**  
**Expiration Date: February 24, 2010**  
**Approval Date: June 09, 2005**

# NOTES: OUTSWING IMPACT FRENCH DOOR(S) AND SIDE LITE(S)

1. GLAZING OPTIONS:
  - A. 7/16" LAMI CONSISTING OF (1) LITE OF 3/16" ANNEALED GLASS AND (1) LITE OF 3/16" HEAT STRENGTHENED GLASS WITH AN .090 PVB INTERLAYER OF DUPONT BUTACITE OR SAFLEX/KEEPSAFE MAXIMUM.
  - B. 7/16" LAMI CONSISTING OF (2) LITES OF 3/16" HEAT STRENGTHENED GLASS WITH AN .090 PVB INTERLAYER OF DUPONT BUTACITE OR SAFLEX/KEEPSAFE MAXIMUM.
  - △ C. 7/16" LAMI CONSISTING OF (1) LITE OF 3/16" ANNEALED GLASS AND (1) LITE OF 3/16" HEAT STRENGTHENED GLASS WITH AN .075 VANCEVA INTERLAYER.
  - △ D. 7/16" LAMI CONSISTING OF (2) LITES OF 3/16" HEAT STRENGTHENED GLASS WITH AN .075 VANCEVA INTERLAYER.
  - E. 7/8" LAMI I.G. CONSISTING OF (1) LITE OF 3/16" TEMPERED GLASS OUTSIDE, 1/4" AIR SPACE AND (1) 7/16" LAMI GLASS ASSEMBLY INSIDE (3/16" A,.090 PVB, 3/16" HS).
  - F. 7/8" LAMI I.G. CONSISTING OF (1) LITE OF 3/16" TEMPERED GLASS OUTSIDE, 1/4" AIR SPACE AND (1) 7/16" LAMI GLASS ASSEMBLY INSIDE (3/16" HS,.090 PVB, 3/16" HS).
  - △ G. 7/8" LAMI I.G. CONSISTING OF (1) LITE OF 3/16" TEMPERED GLASS OUTSIDE, 1/4" AIR SPACE AND (1) 7/16" LAMI GLASS ASSEMBLY INSIDE (3/16" A,.075 VANCEVA, 3/16" HS).
  - △ H. 7/8" LAMI I.G. CONSISTING OF (1) LITE OF 3/16" TEMPERED GLASS OUTSIDE, 1/4" AIR SPACE AND (1) 7/16" LAMI GLASS ASSEMBLY INSIDE (3/16" HS,.075 VANCEVA, 3/16" HS).
2. DESIGN PRESSURES: TABLE 1, SHEET 2.
  - A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E1300-98.
  - B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E1300-98.
3. CONFIGURATIONS: X, O, XX, XO, OX, XXX, XXO, OXX, OXO, XXXX, XXXO, OXXX, OR OXXO WHERE O REPRESENTS EITHER THE NARROW JAMB OR FULL JAMB SIDE LITE. ANY TWO ADJACENT X UNITS CAN BE EITHER TWO SINGLE, X DOORS OR A DOUBLE, XX DOOR. THE FRENCH DOOR ASSEMBLY BEAM IS USED TO ASSEMBLE X, XX, AND O UNITS TO MAKE THE ABOVE CONFIGURATIONS.
4. FOR ANCHORAGE REQUIREMENTS SEE SHEETS 9 AND 10. △
5. SHUTTERS ARE NOT REQUIRED.
6. SEALANT: INSTALLATION SCREWS, FRAME AND PANEL CORNERS SEALED WITH CLEAR COLORED SEALANT. VERTICAL ASSEMBLY BEAM SEAMS SEALED ON THE INTERIOR AND EXTERIOR WITH CONTRACTOR'S SEALANT.
7. REFERENCE TEST REPORTS: FTL-4311, FTL-4312, FTL-4315, FTL-4527, FTL-4528, FTL-4529, FTL-4530. △

## NOA DRAWING MAP

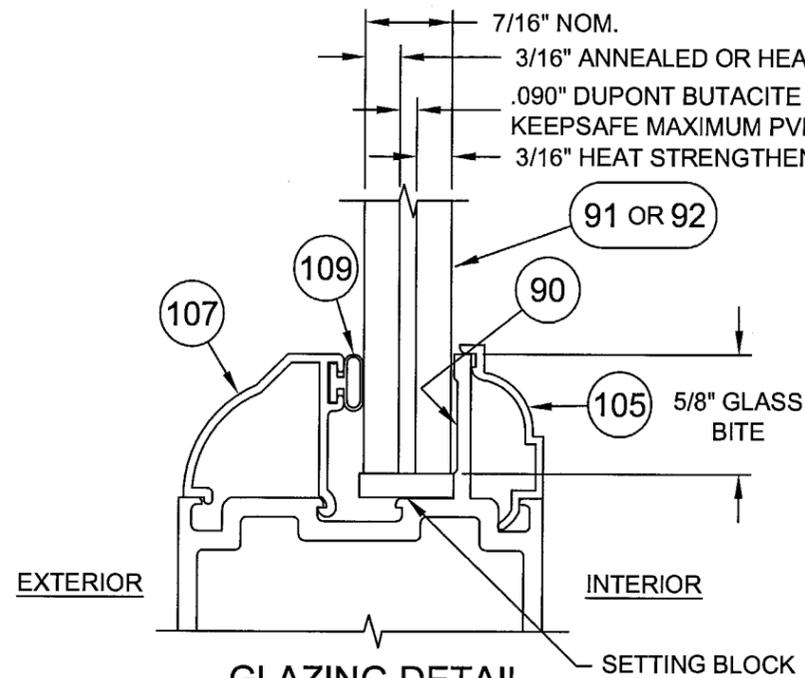
TOPIC	SHEET
GENERAL NOTES.....	1
CONFIGURATIONS.....	1
GLAZING DETAILS.....	2
DESIGN PRESSURES.....	3
ELEVATIONS.....	4
VERT. SECTIONS.....	5
HORIZ. SECTIONS.....	6
PARTS LIST.....	7
EXTRUSIONS.....	8
ANCHORAGE.....	9-10

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 05-0419.03  
 Expiration Date 02/24/10  
 By *M. Thull*  
 Miami Dade Product Control  
 Division

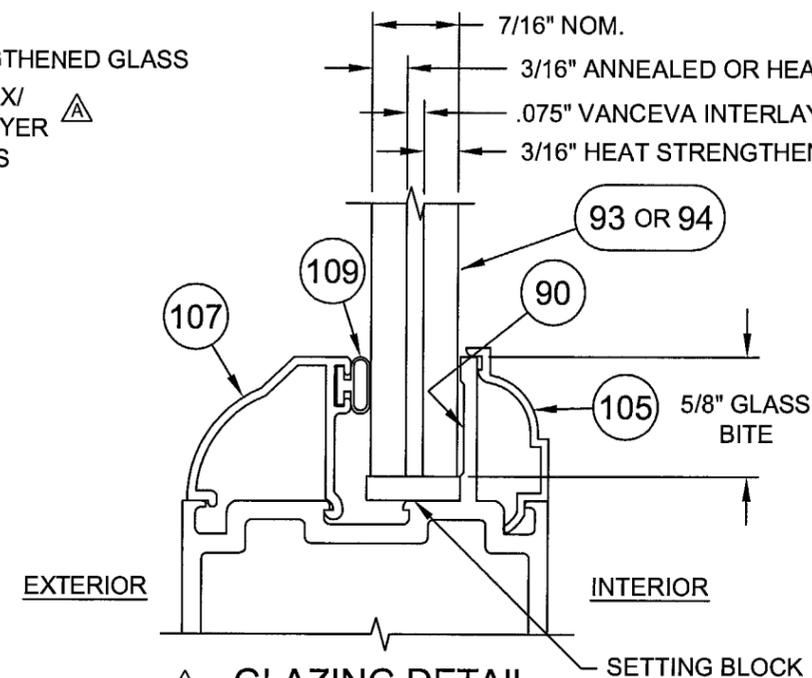
*L 02*  
*4/15/05*

Revsd By: F.K.	Date: 3/25/05	Revisions: A	CHANGE NOTES 1, 4 AND 7. ADD VANCEVA INTERLAYER GLASS TYPES, MOVE GLAZING DETAILS TO SHEET 2 AND DP TABLES TO SHEET 3.	1070 TECHNOLOGY DRIVE NOKCMIS, FL 34275  P.O. BOX 1529 NOKCMIS, FL 34274	<b>PGI</b> Visibly Better	Description: GENERAL NOTES AND DRAWING MAP			
Revsd By:	Date:	Revisions:				Title: ALUM. FRENCH DOOR & SIDE LITES, IMPACT			
Revsd By:	Date:	Revisions:				Series/Model: FD750	Scale: FULL	Sheet: 1 of 10	Drawing No. 8000-11
Drawn By: F.K.	Date: 12/23/04	Checked By: L.T.	Date: 4/8/05						

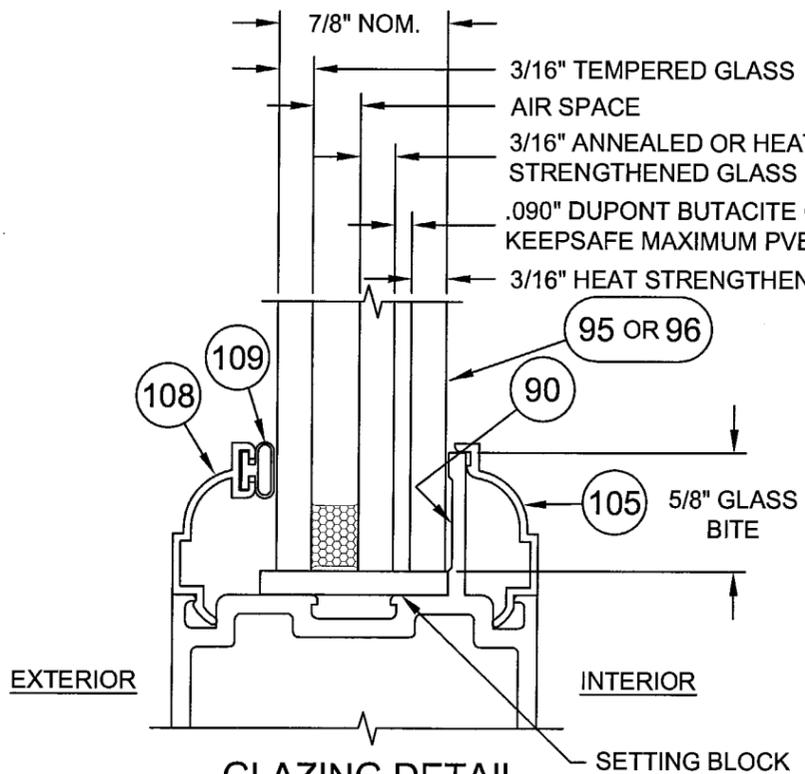
Lucas A. Turner, P.E.  
 PE #58201  
 Mechanical



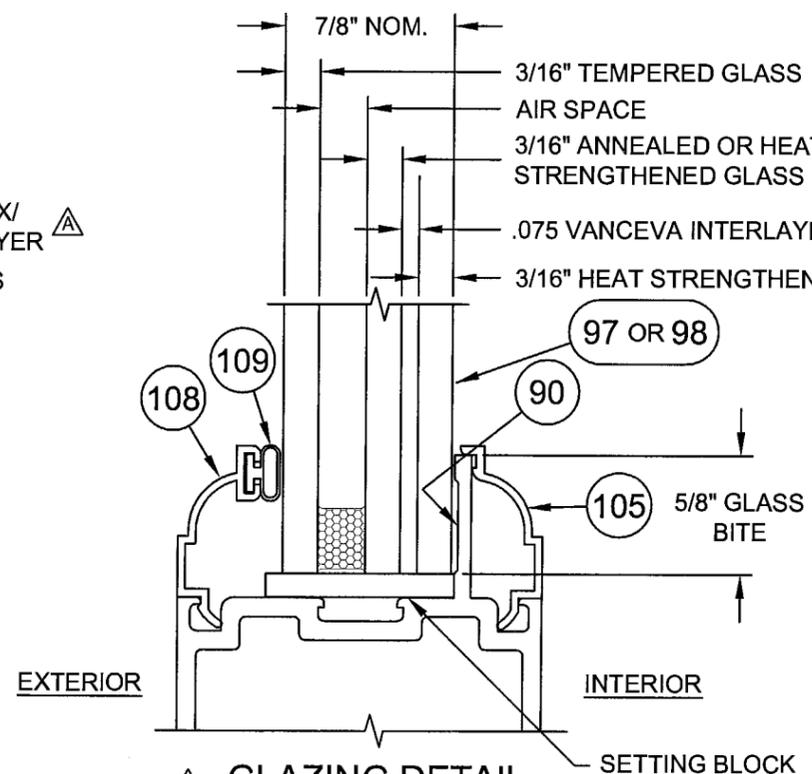
**GLAZING DETAIL**  
**7/16" LAMI GLASS W/ PVB INTERLAYER**



**GLAZING DETAIL**  
**7/16" LAMI GLASS W/ VANCEVA INTERLAYER**



**GLAZING DETAIL**  
**7/8" LAMI I.G. GLASS W/ PVB INTERLAYER**



**GLAZING DETAIL**  
**7/8" LAMI I.G. GLASS W/ VANCEVA INTERLAYER**

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No 05-0419.03  
 Expiration Date 02/26/10  
 By *M. Strain*  
 Miami Dade Product Control  
 Division

*L. A. J.*  
*4/15/05*

Revsd By: F.K.	Date: 3/25/05	Revisions: A	NEW SHEET. ADD VANCEVA INTERLAYER GLAZING DETAILS.	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275  P.O. BOX 1529 NOKOMIS, FL 34274	<b>PGI</b> Visibly Better	Description: <b>GLAZING DETAILS</b>			
Revsd By:	Date:	Revisions:				Title: <b>ALUM. FRENCH DOOR &amp; SIDE LITES, IMPACT</b>			
Revsd By:	Date:	Revisions:				Series/Model: FD750	Scale: FULL	Sheet: 2 of 10	Drawing No. 8000-11
Drawn By: F.K.	Date: 12/23/04	Checked By: L.T.	Date: 4/8/05						

Lucas A. Turner, P.E.  
 PE #58201  
 Mechanical

**TABLE 1. DESIGN PRESSURES FOR GLASS TYPES A THROUGH H**

A - 7/16" LAMI (3/16"A,.090 PVB, 3/16"HS)	FTL-4311, 4312, 4315
B - 7/16" LAMI (3/16"HS,.090 PVB, 3/16"HS)	UPGRADE FTL-4311, 4312, 4315
C - 7/16" LAMI (3/16"A,.075 VANCEVA, 3/16"HS)	FTL-4527, 4528, 4529, 4530
D - 7/16" LAMI (3/16"HS,.075 VANCEVA, 3/16"HS)	UPGRADE FTL-4527, 4528, 4529, 4530
E - 7/8" LAMI I.G. (3/16"T, 1/4" AIR SPACE, 3/16"A,.090 PVB, 3/16"HS)	FTL-4311, 4312, 4315
F - 7/8" LAMI I.G. (3/16"T, 1/4" AIR SPACE, 3/16"HS,.090 PVB, 3/16"HS)	UPGRADE FTL-4311, 4312, 4315
G - 7/8" LAMI I.G. (3/16"T, 1/4" AIR SPACE, 3/16"A,.075 VANCEVA, 3/16"HS)	FTL-4527, 4528, 4529, 4530
H - 7/8" LAMI I.G. (3/16"T, 1/4" AIR SPACE, 3/16"HS,.075 VANCEVA, 3/16"HS)	UPGRADE FTL-4527, 4528, 4529, 4530

CONFIGURATION	DOOR WIDTH	GLASS TYPE	DOOR HEIGHT				
			6 <sup>8</sup> - 79 3/4"	7 <sup>0</sup> - 83 3/4"	87 3/4"	91 3/4"	8 <sup>0</sup> - 95 3/4"
SINGLE <u>X</u>	3 <sup>0</sup> 37"	A,E	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0
SINGLE <u>X</u>	3 <sup>0</sup> 37"	C,G	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0
DOUBLE <u>XX</u>	6 <sup>0</sup> 71 3/4"	A,E	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0
DOUBLE <u>XX</u>	6 <sup>0</sup> 71 3/4"	C,G	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0

CONFIGURATION	SIDE LITE WIDTH	GLASS TYPE	SIDE LITE HEIGHT				
			6 <sup>8</sup> - 79 3/4"	7 <sup>0</sup> - 83 3/4"	87 3/4"	91 3/4"	8 <sup>0</sup> - 95 3/4"
FULL JAMB <u>O</u>	36 11/16"	A,E	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0
FULL JAMB <u>O</u>	36 11/16"	C,G	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0

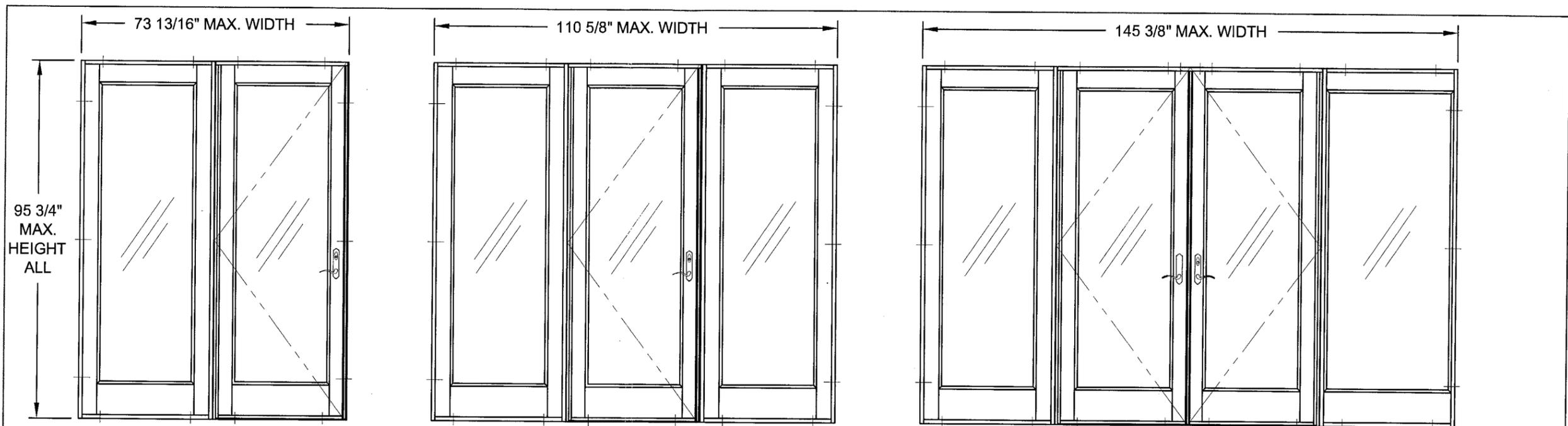
NARROW JAMB <u>O</u>	30 11/16"	A,E	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0
NARROW JAMB <u>O</u>	33 11/16"	A,E	+70.0 -80.0	+70.0 -79.6	+70.0 -77.8	+70.0 -75.9	+70.0 -73.6
NARROW JAMB <u>O</u>	36 11/16"	A,E	+70.0 -73.0	+69.5 -69.5	+67.3 -67.3	+65.2 -65.2	+62.7 -62.7
NARROW JAMB <u>O</u>	36 11/16"	B,F	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0	+70.0 -80.0
NARROW JAMB <u>O</u>	27 11/16"	C,G	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0
NARROW JAMB <u>O</u>	30 11/16"	C,G	+96.3 -96.3	+93.2 -93.2	+91.0 -91.0	+89.2 -89.2	+86.8 -86.8
NARROW JAMB <u>O</u>	33 11/16"	C,G	+82.6 -82.6	+79.6 -79.6	+77.8 -77.8	+75.9 -75.9	+73.6 -73.6
NARROW JAMB <u>O</u>	36 11/16"	C,G	+73.0 -73.0	+69.5 -69.5	+67.3 -67.3	+65.2 -65.2	+62.7 -62.7
NARROW JAMB <u>O</u>	36 11/16"	D,H	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0	+100.0 -100.0

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 05-0419.03  
 Expiration Date: 02/24/10  
 By: *[Signature]*  
 Miami Dade Product Control  
 Division

*L a I*  
 4/15/05

Revsd By: F.K.	Date: 3/25/05	Revisions: A	NEW SHT. EXPAND TABLE 1 TO INCLUDE ALL GLASS TYPES & CONFIGURATIONS	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275  P.O. BOX 1529 NOKOMIS, FL 34274	<b>PGI</b> Visibly Better	Description: DESIGN PRESSURES			
Revsd By:	Date:	Revisions:				Title: ALUM. FRENCH DOOR & SIDE LITES, IMPACT			
Revsd By:	Date:	Revisions:				Series/Model: FD750	Scale: NTS	Sheet: 3 of 10	Drawing No: 8000-11
Drawn By: F.K.	Date: 12/23/04	Checked By: L.T.	Date: 4/8/05						

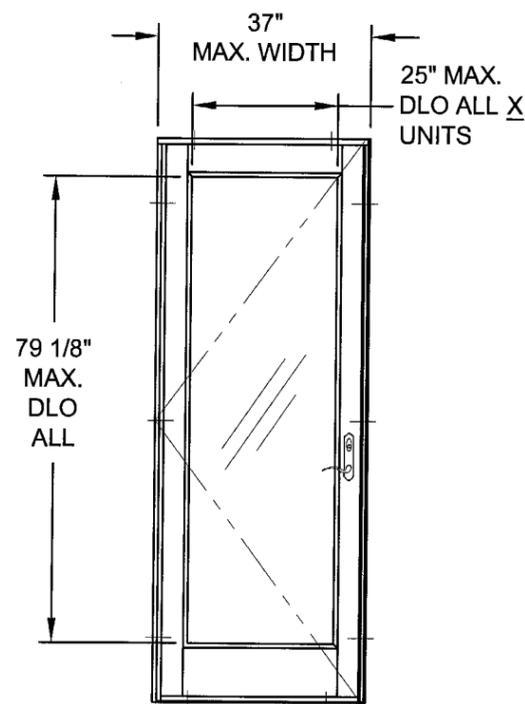
Lucas A. Turner, P.E.  
 PE #58201  
 Mechanical



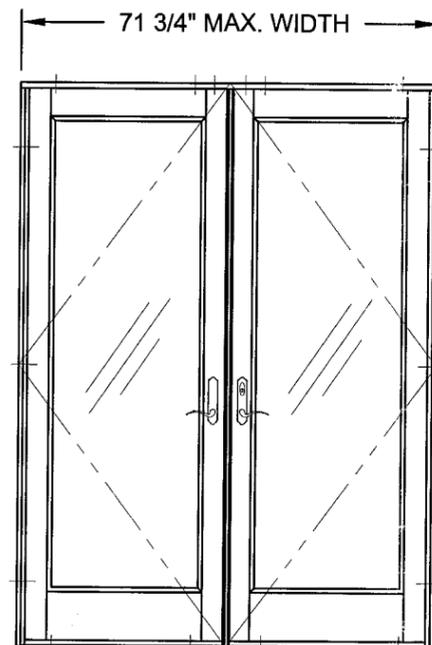
OX OR XO

OXO

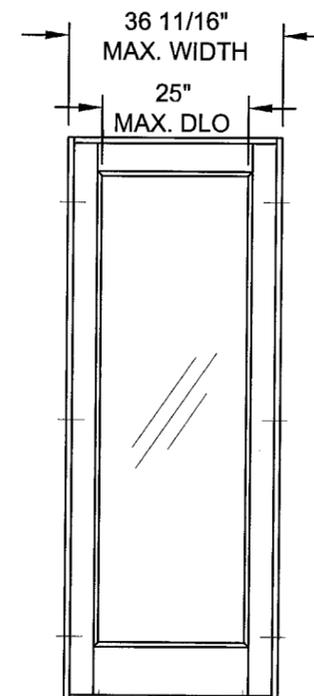
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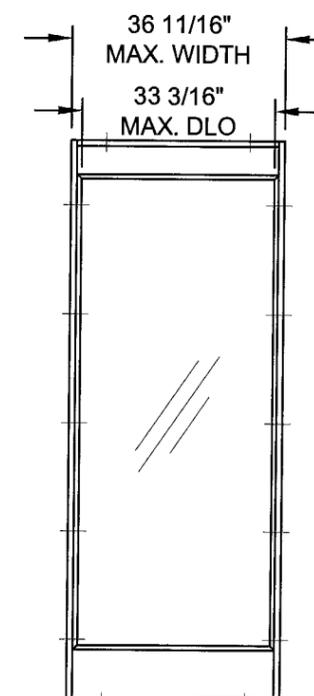
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XX



O (FULL JAMB)



O (NARROW JAMB)

- NOTES:  
 1. CONFIGURATIONS WITH SIDE LITES CAN BE EITHER NARROW JAMB OR FULL JAMB VERSION.  
 2. FOR ANCHOR SPACING SEE SHEET 9 AND FOR ANCHOR SECTION DETAILS SEE SHEET 10.  
 3. FOR VERTICAL SECTIONS SEE SHEET 5 AND FOR HORIZONTAL SECTIONS SEE SHEET 6.

Revsd By: F.K.	Date: 3/25/05	Revisions: A	UPDATE SHEET REFERENCES, NOTES 2 AND 3
Revsd By:	Date:	Revisions:	
Revsd By:	Date:	Revisions:	
Drawn By: F.K.	Date: 12/23/04	Checked By: L.T.	Date: 4/8/05

1070 TECHNOLOGY DRIVE  
 NOKOMIS, FL 34275  
 P.O. BOX 1529  
 NOKOMIS, FL 34274



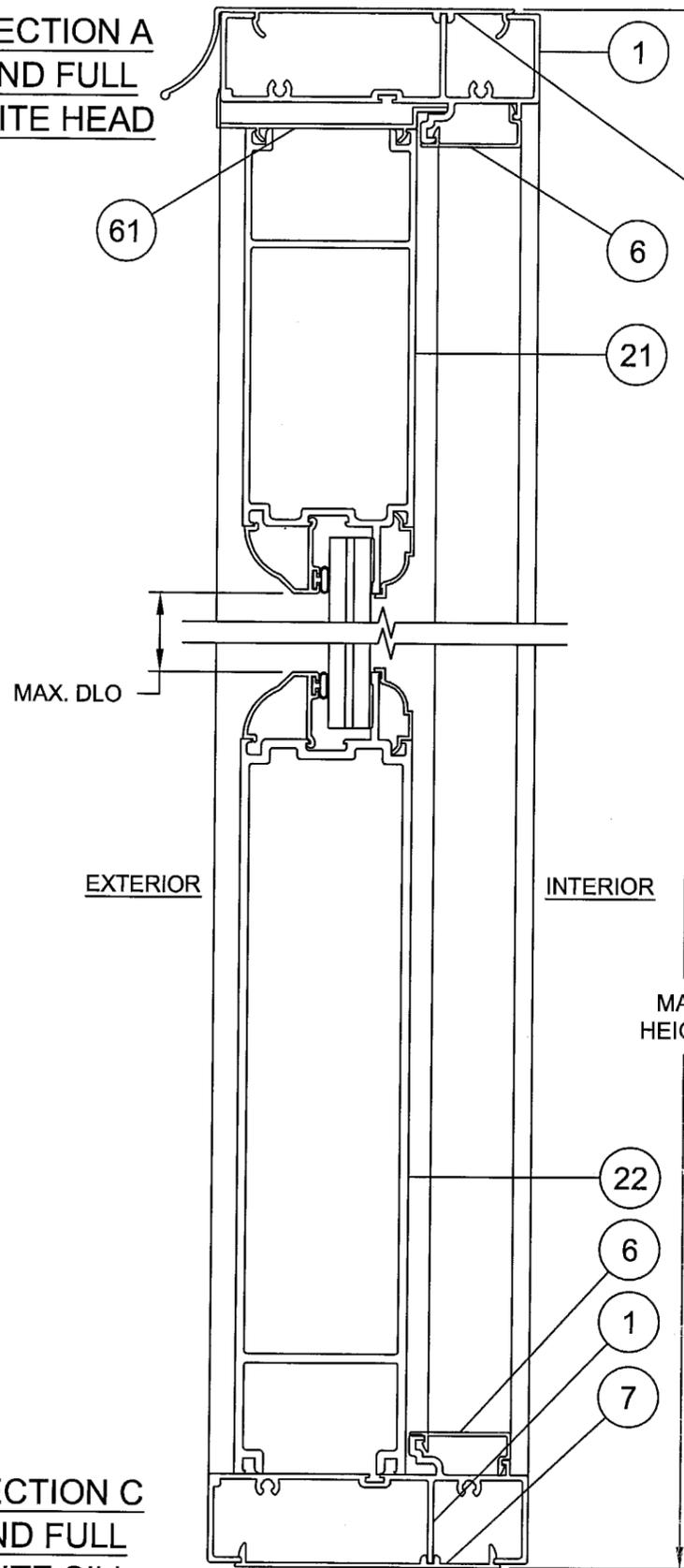
Description: <b>EXAMPLE ELEVATIONS</b>			
Title: <b>ALUM. FRENCH DOOR &amp; SIDE LITES, IMPACT</b>			
Series/Model: FD750	Scale: NTS	Sheet: 4 of 10	Drawing No. 8000-11
			Rev: A

PRODUCT REVISED  
 as complying with the Florida  
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 Expiration Date 02/24/10  
 By   
 Miami Dade Product Control  
 Division

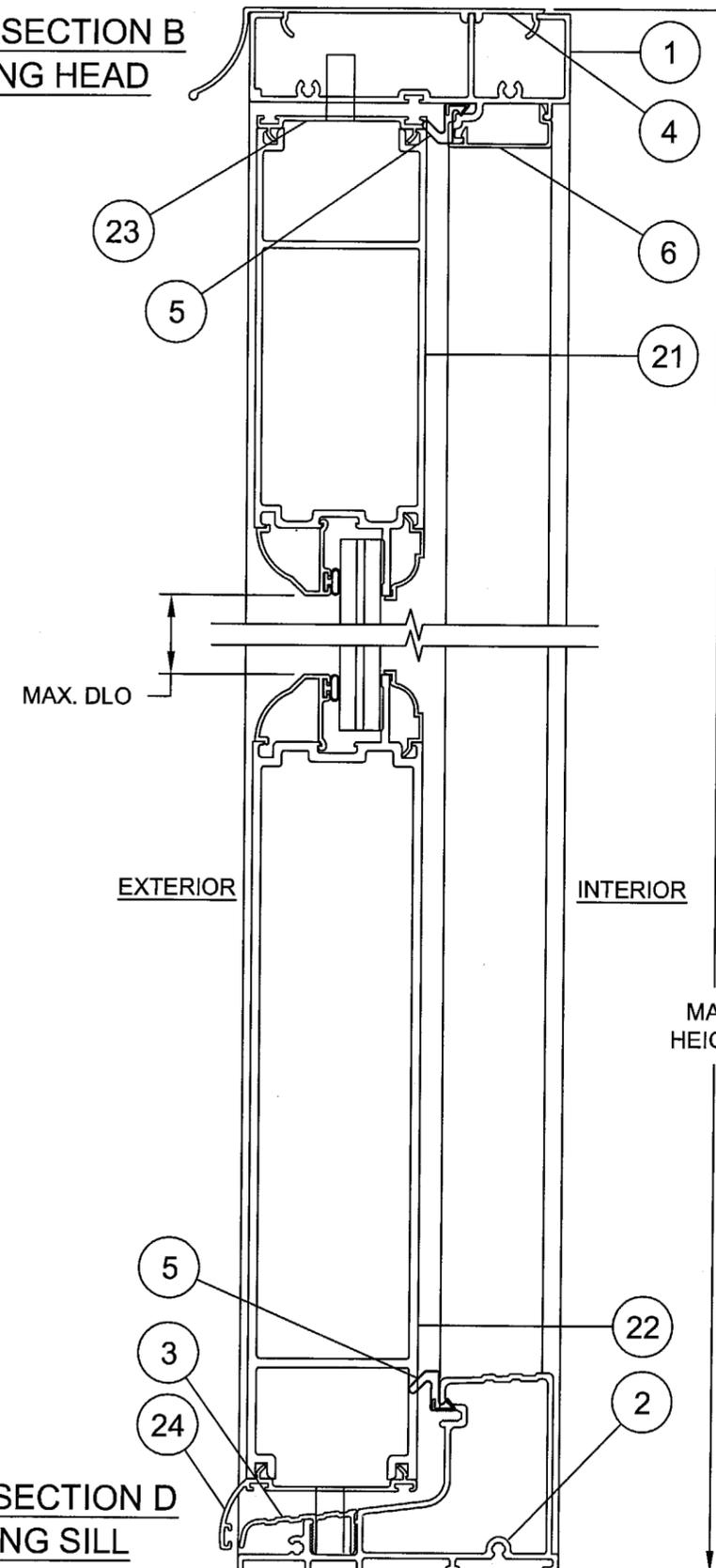
*L of L*  
 4/15/05

Lucas A. Turner, P.E.  
 PE #58201  
 Mechanical

**VERTICAL SECTION A  
NARROW AND FULL  
JAMB SIDE LITE HEAD**

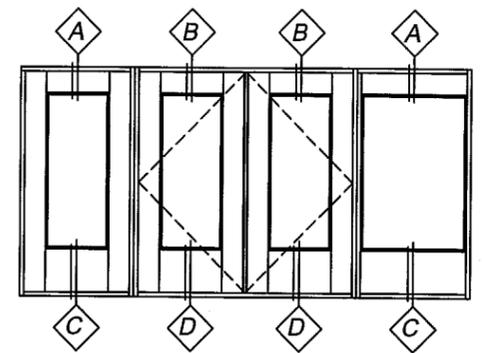


**VERTICAL SECTION B  
OUTSWING HEAD**



**VERTICAL SECTION C  
NARROW AND FULL  
JAMB SIDE LITE SILL**

**VERTICAL SECTION D  
OUTSWING SILL**



**PRODUCT REVISED**  
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Acceptance No. **05-0419.03**  
Expiration Date **02/24/10**  
By *M. Khair*  
Miami Dade Product Control  
Division

*L a I*  
*4/15/05*

Revsd By:	Date:	Revisions:	
F.K.	3/25/05	A	NO CHANGE THIS SHEET
Revsd By:	Date:	Revisions:	
Revsd By:	Date:	Revisions:	
Drawn By:	Date:	Checked By:	Date:
F.K.	12/23/04	L.T.	4/8/05

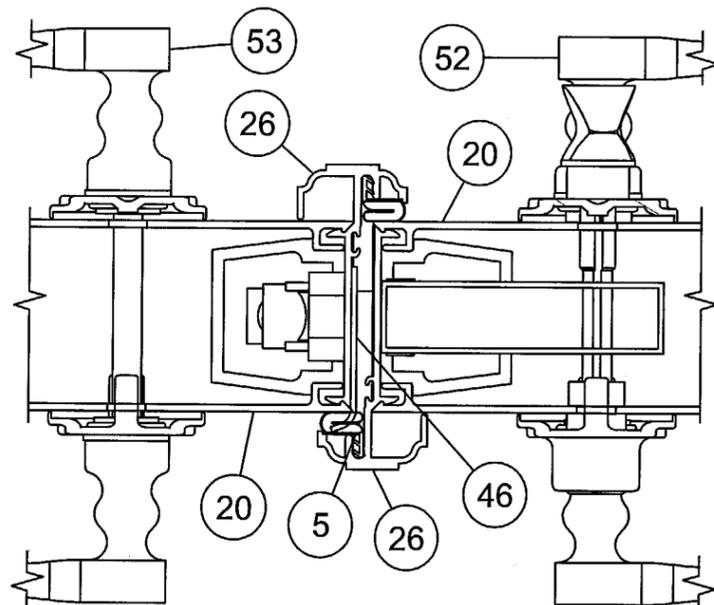
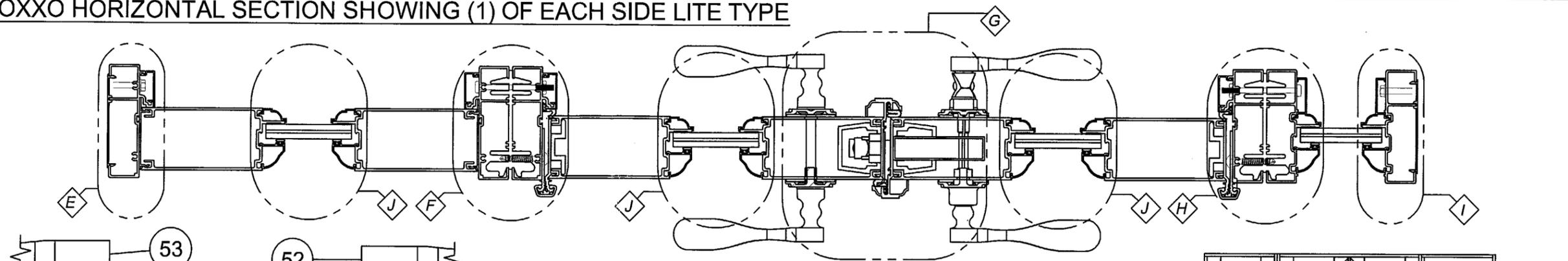
1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274



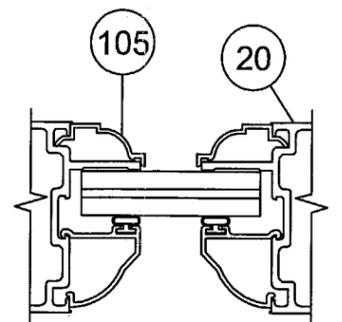
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<b>VERTICAL SECTIONS</b>			
Title:			
<b>ALUM. FRENCH DOOR &amp; SIDE LITES, IMPACT</b>			
Series/Model:	Scale:	Sheet:	Drawing No.
FD750	1/2	5 of 10	8000-11
Rev:			
A			

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PE #58201  
Mechanical

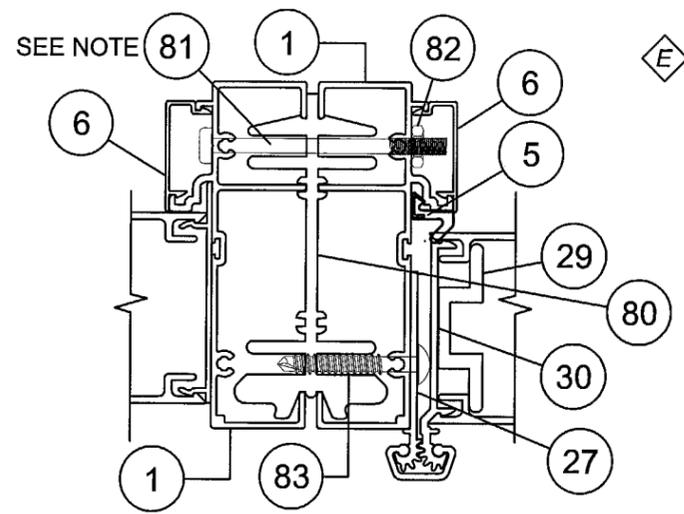
OXXO HORIZONTAL SECTION SHOWING (1) OF EACH SIDE LITE TYPE



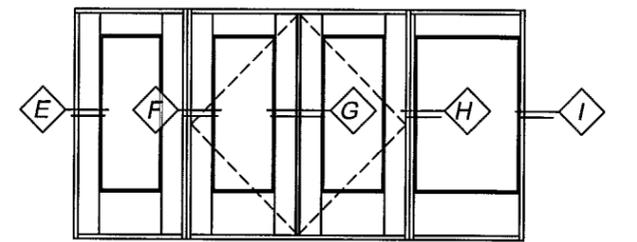
DETAIL G STILES AT ASTRAGAL



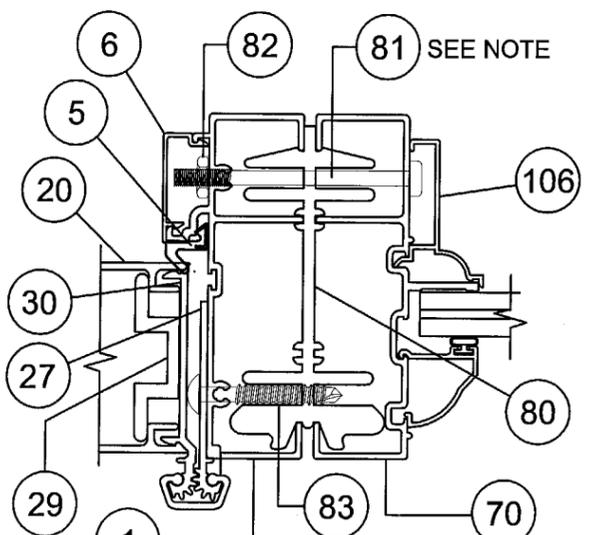
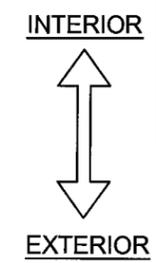
DETAIL J  
SLAB AT  
GLASS BED



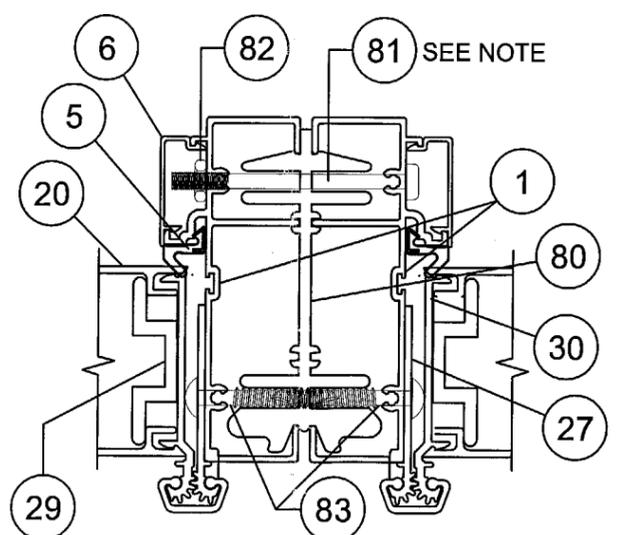
DETAIL F  
FULL JAMB SIDE LITE  
(AT HINGE JAMB)



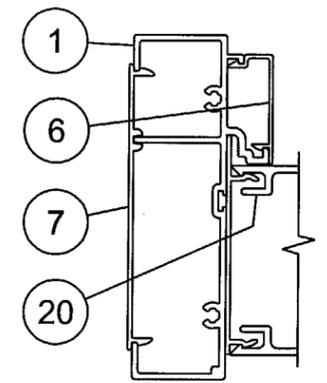
NOTE: ASSEMBLY HARDWARE QTY (3), 11" FROM TOP & BOTTOM AND ONE AT MIDSPAN



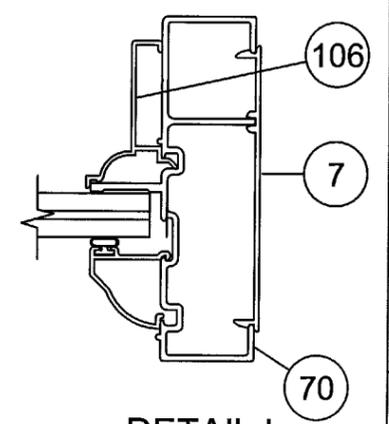
DETAIL H  
NARROW JAMB SIDE LITE  
(AT HINGE JAMB)



DETAIL K  
HINGE JAMB TO HINGE JAMB  
(NOT SHOWN ABOVE)



DETAIL E  
JAMB, FULL JAMB  
SIDE LITE



DETAIL I  
JAMB, NARROW  
JAMB SIDE LITE

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Miami Dade Product Control  
Division

*LOZ*  
*4/15/05*

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Revsd By:	Date:	Revisions:	
Revsd By:	Date:	Revisions:	
Drawn By: F.K.	Date: 12/23/04	Checked By: L.T.	Date: 4/8/05

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
P.O. BOX 1529  
NOKOMIS, FL 34274



Description: HORIZONTAL SECTION DETAILS			
Title: ALUM. FRENCH DOOR & SIDE LITES, IMPACT			
Series/Model: FD750	Scale: 1/2	Sheet: 6 of 10	Drawing No. 8000-11
			Rev: A

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PE #58201  
Mechanical

FD750 DOOR(S)			
ITEM	DWG#	DESCRIPTION	PGT#
<b>FRAME KIT PARTS</b>			
1	8006	FRAME - HEAD & HINGE JAMB	68006
2	8003A	OUT-SWING SILL	68003
3	8004A	OUT-SWING SILL COVER	68004
4	8008	DRIP CAP	68008
5	-----	HEAD, SILL & JAMB WEATHERSTRIP (SCHLEGAL)	U83337T8500
6	8007	SCREW COVER	68007
7	8009	INSTALL PLATE	68009
8	-----	FRAME ASSEMBLY SCREW #8 X 1" PH QUAD	781PQA
9	8032	ASTRAGAL END SEAL	48032
<b>DOOR PANEL</b>			
5	-----	HEAD, SILL & JAMB WEATHERSTRIP (SCHLEGAL)	U83337T8500
20	8012	STILE	68012
21	8014	TOP RAIL	68014
22	8013	BOTTOM RAIL	68013
23	8017	TOP SWEEP	68017
24	8016	BOTTOM SWEEP	68016
25	-----	SWEEP SCREWS, #4 X 1/2" PHIL PH	
26	8015	ASTRAGAL, ACTIVE & INACTIVE	68015
27	8021B	GEAR HINGE, JAMB SIDE	68021B
28	8020A	GEAR HINGE, COVER	68020A
29	8018	GEAR HINGE, BACK-UP PLATE	68018
30	8019A	GEAR HINGE, DOOR SIDE	68019A
31	8035	GEAR HINGE, BEARING	68035
32	-----	GEAR HINGE, SET-SCREW #6-32 x 1/4"	
33	-----	GEAR HINGE, MTG. SCREW #12 x 3/4" TRUSS HD.	
34	-----	GEAR HINGE, MTG. SCREW #12 x 1 1/2" TRUSS HD.	
35	-----	THREADED ROD 5/16-18 X 36"	6TRODA
36	-----	FLANGED HEX NUT 5/16-18	7990NUTA
37	8039	TRUSS CLAMP	60378M
38	8043	S/S GEAR LATCH MECHANISM (ASHLAND)	
39	8030	LOCK BLOCK	48030
40	-----	LATCH ASS'Y SCREWS #8 X 2" SS PHILL TR HD	78X2TPAX
41	8037	S/S SHOOT BOLT ROD (SULLIVAN)	
42	8045	STANDARD FLUSH BOLTS W/ SS ROD (SULLIVAN)	
43	8031	SHOOT BOLT GUIDE	48031
44	-----	SHOOT BOLT GUIDE & STRIKE SCREW 8-32 X 3/8" SS PHILL TR HD	78X38PFTX
45	8038R	RIGHT - STRIKE PLATE AT ASTRAGAL (ACTIVE HINGED LEFT)	W5110-4381
46	8038L	LEFT - STRIKE PLATE AT ASTRAGAL (ACTIVE HINGED RIGHT)	W5110-4481
47	-----	STRIKE PLATE SCREWS 8-32 X 3/8" SS PHILL TR HD	78X38PFTX
48	-----	STRIKE PLATE MIDDLE SCREW 6-24 X 1/2" FH	7612PFTX
49	8036	STRIKE PLATE AT HEAD & SILL	
50	-----	HEAD STRIKE SCREWS SS 8 X 1/2 PHILL FH	7858ZAX
51	-----	STRIKE PLATE SCREWS @SILL SS 8 X 1/2 PHILL UNDERCUT FH	78X12PFFHUX
52	8041	ACTIVE TRIM SET (ASHLAND)	
53	8042	PASSIVE TRIM SET (ASHLAND)	
54	8044	STAINLESS STEEL PASSIVE LOCK GEAR (ASHLAND)	

FD750 FULL JAMB SIDE LITE			
ITEM	DWG #	DESCRIPTION	PGT#
1	8006	FRAME - HEAD, SILL & JAMB	68006
4	8008	DRIP CAP	68008
6	8007	SCREW COVER	68007
7	8009	INSTALL PLATE	68009
8	-----	FRAME ASSEMBLY SCREW #8 X 1" PH QUAD	781PQA
20	8012	STILE	68012
21	8014	TOP RAIL	68014
22	8013	BOTTOM RAIL	68013
35	-----	THREADED ROD 5/16-18 X 36"	6TRODA
36	-----	FLANGED HEX NUT 5/16-18	7990NUTA
37	8039	TRUSS CLAMP	60378M
60	-----	#8 X 3/4" PH SQ DRIVE TEK SCREW	78X34PSTW
61	8028	SIDE LITE HEAD TRIM	68028
62	8029	SIDE LITE JAMB TRIM	68029

FD750 NARROW JAMB SIDE LITE			
ITEM	DWG #	DESCRIPTION	PGT#
1	8006	FRAME - HEAD & SILL	68006
4	8008	DRIP CAP	68008
6	8007	SCREW COVER	68007
7	8009	INSTALL PLATE	68009
8	-----	FRAME ASSEMBLY SCREW #8 X 1" PH QUAD	781PQA
21	8014	TOP RAIL	68014
22	8013	BOTTOM RAIL	68013
35	-----	THREADED ROD 5/16-18 X 36"	6TRODA
36	-----	FLANGED HEX NUT 5/16-18	7990NUTA
37	8039	TRUSS CLAMP	60378M
60	-----	#8 X 3/4" PH SQ DRIVE TEK SCREW	78X34PSTW
61	8028	SIDE LITE HEAD TRIM	68028
70	8010	FRAME, JAMB	68010

ASSEMBLY KIT			
ITEM	DWG #	DESCRIPTION	PGT#
80	8033B	FRENCH DOOR ASSEMBLY BEAM	68033B
81	-----	#10-24 X 2 1/2" PH SCREW	
82	-----	#10-24 HEX NUT	
83	-----	#12 X 1 1/2" TR HD TEK SCREW	

GLASS, BEADS & SILICONE			
ITEM	DWG #	DESCRIPTION	PGT#
90	-----	DOW CORNING 899, 983 OR 995 GLAZING SEALANT	
91	-----	7/16" LAMINATED GLASS (3/16" ANN.,.090 PVB, 3/16" HS)	
92	-----	7/16" LAMINATED GLASS (3/16" HS.,.090 PVB, 3/16" HS)	
93	-----	7/16" LAMINATED GLASS (3/16" ANN.,.075 VANCEVA, 3/16" HS)	
94	-----	7/16" LAMINATED GLASS (3/16" HS.,.075 VANCEVA, 3/16" HS)	
95	-----	7/8" LAMI I.G. (3/16" T, 1/4" SPACE, 3/16" ANN.,.090 PVB, 3/16" HS)	
96	-----	7/8" LAMI I.G. (3/16" T, 1/4" SPACE, 3/16" HS.,.090 PVB, 3/16" HS)	
97	-----	7/8" LAMI I.G. (3/16" T, 1/4" SPACE, 3/16" ANN.,.075 VANCEVA, 3/16" HS)	
98	-----	7/8" LAMI I.G. (3/16" T, 1/4" SPACE, 3/16" HS.,.075 VANCEVA, 3/16" HS)	
105	8022	BACK BEAD	68022
106	8026A	SL BACKBEAD	68026A
107	8023A	7/16" BEAD	68023A
108	8024A	7/8" IG BEAD	68024A
109	1224	VINYL BULB WSTP (THICK)	6TP247

Revsd By:	Date:	Revisions:	
F.K.	3/25/05	A	ADD ITEMS 93, 94, 97 AND 98
Revsd By:	Date:	Revisions:	
Revsd By:	Date:	Revisions:	
Drawn By:	Date:	Checked By:	Date:
F.K.	12/23/04	L.T.	4/8/05

1070 TECHNOLOGY DRIVE  
NOKOMIS, FL 34275  
  
P.O. BOX 1529  
NOKOMIS, FL 34274

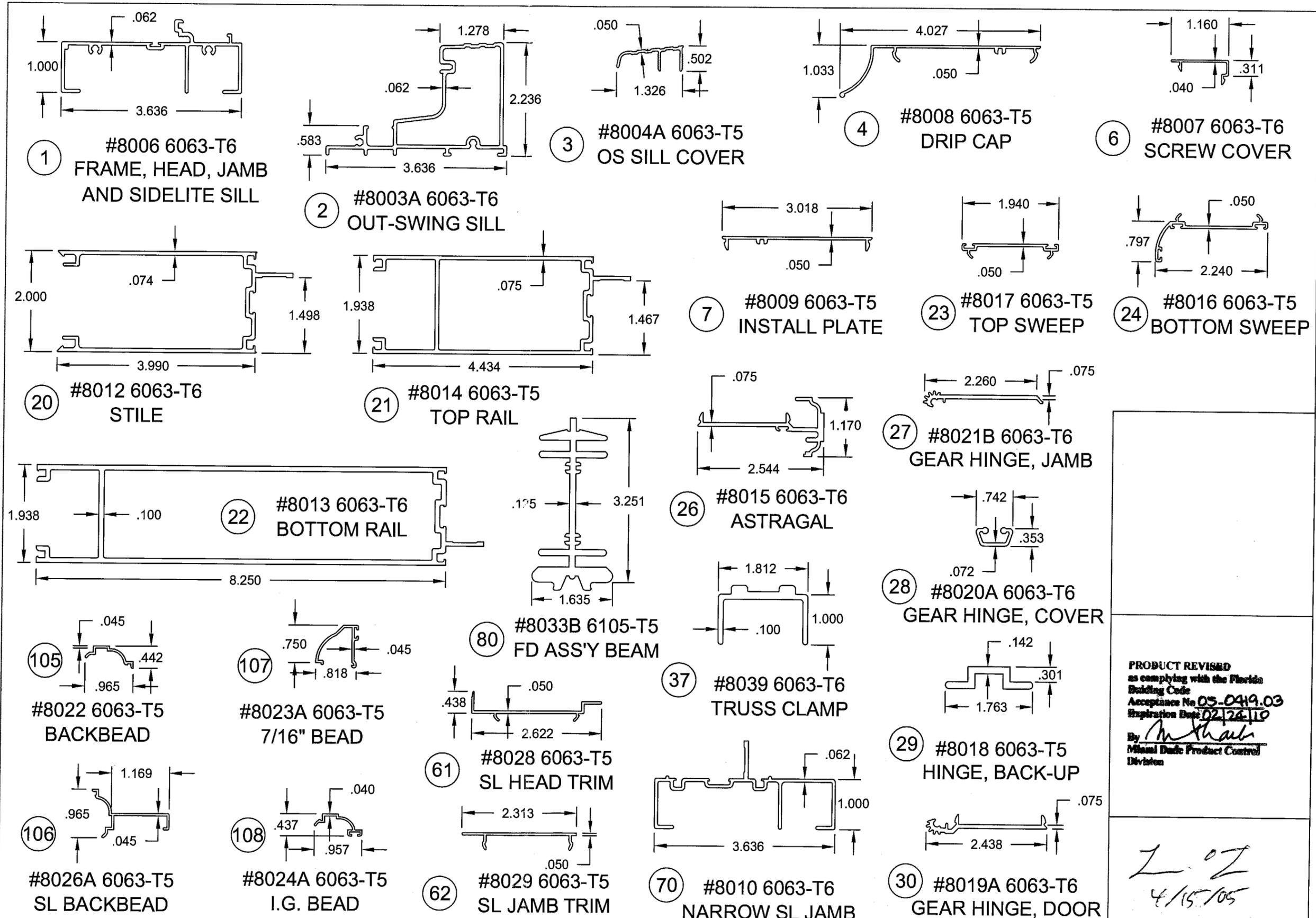


Description:			
<b>PARTS LIST</b>			
Title:			
<b>ALUM. FRENCH DOOR &amp; SIDE LITES, IMPACT</b>			
Series/Model:	Scale:	Sheet:	Drawing No.
FD750	NA	7 of 10	8000-11
Rev:			
A			

PRODUCT REVISED  
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By M. Thab  
Miami Code Product Control  
Division

*L. O. T.*  
4/15/05

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PE #58201  
Mechanical

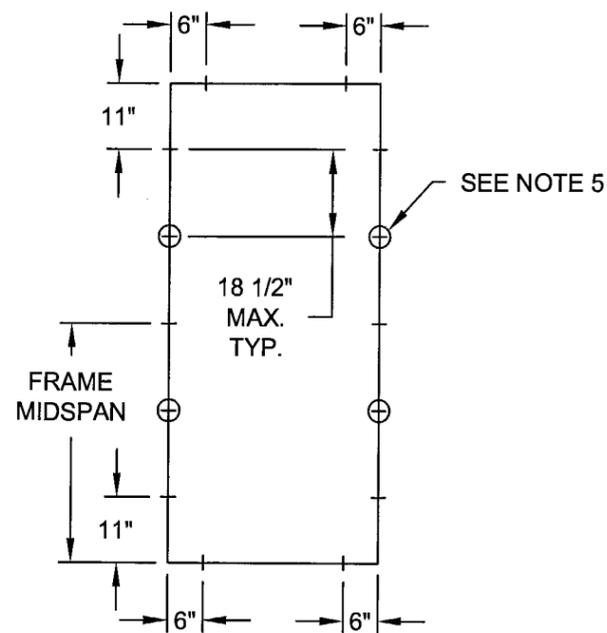


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 Miami Dade Product Control  
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*L. O. Z.*  
*4/15/05*

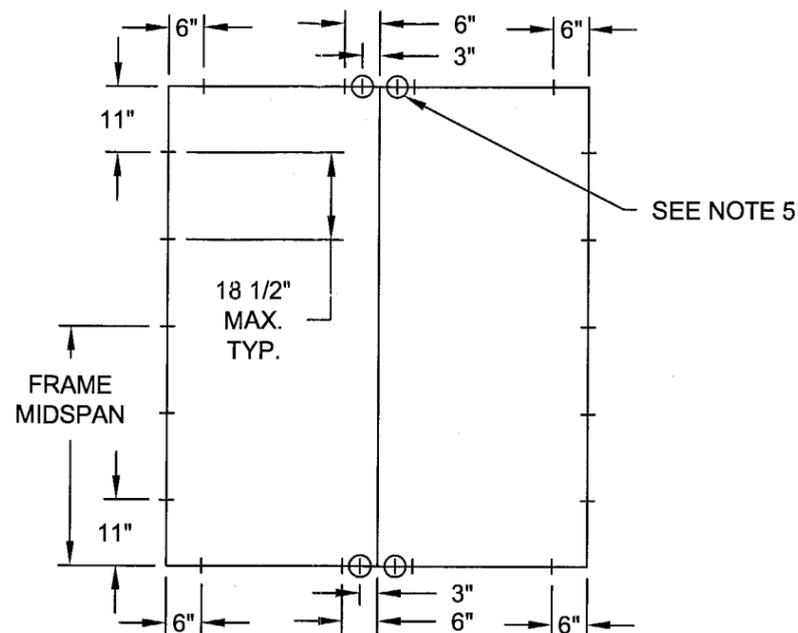
Revsd By: F.K.	Date: 3/25/05	Revisions: A	NO CHANGE THIS SHEET	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275  P.O. BOX 1529 NOKOMIS, FL 34274	<b>PGT</b> Visibly Better	Description: EXTRUSION PROFILES			
Revsd By:	Date:	Revisions:				Title: ALUM. FRENCH DOOR & SIDE LITES, IMPACT			
Revsd By:	Date:	Revisions:				Series/Model: FD750	Scale: 1/2	Sheet: 8 of 10	Drawing No: 8000-11
Drawn By: F.K.	Date: 12/23/04	Checked By: L.T.	Date: 4/8/05						

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 PE #58201  
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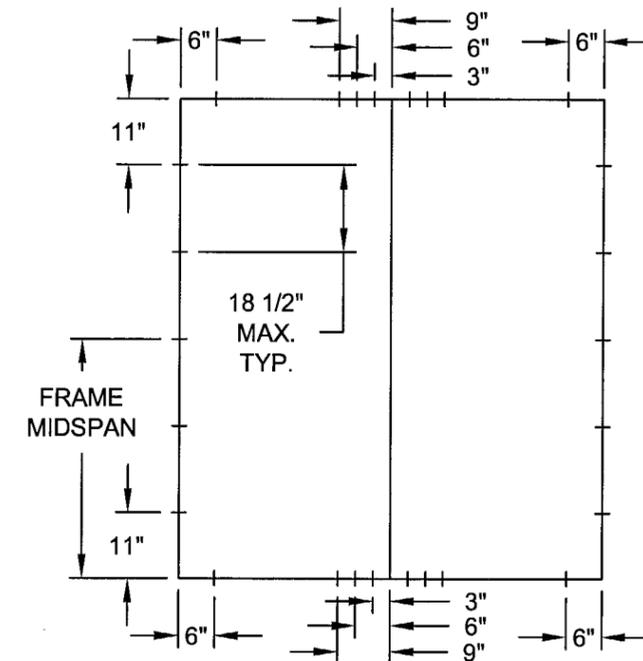
**DETAIL A**

1/4" TAPCONS OR #12 SCREWS  
(SINGLE PANEL)



**DETAIL B**

1/4" TAPCONS  
(2 OR MORE PANELS)



**DETAIL C**

#12 SCREWS  
(2 OR MORE PANELS)

**MIAMI-DADE COUNTY ANCHORAGE SPACING REQUIREMENTS:**

- DETAIL A ABOVE REPRESENTS ANCHORING OF SINGLE X DOORS, OR INDIVIDUAL SIDE LITE O PANELS WITH FULL OR NARROW WIDTH JAMBS. DETAILS B AND C ABOVE REPRESENT ANCHORING OF ANY MIXTURE OF DOUBLE XX DOORS, SINGLE X DOORS, NARROW JAMB OR FULL JAMB SIDE LITE PANELS, FOR MULTIPLE-PANEL INSTALLATIONS OF TWO OR MORE PANELS.
- DETAIL A - SINGLE PANEL CONFIGURATIONS ANCHORED WITH 1/4" TAPCONS OR #12 SCREWS  
 HEAD.....6" MAX. FROM CORNERS.  
 SILL.....6" MAX. FROM CORNERS.  
 JAMBS...11" MAX. FROM CORNERS, ONE ANCHOR AT FRAME MIDSPAN, 18 1/2" MAX. SPACING THEREAFTER.
- DETAIL B - TWO OR MORE PANEL CONFIGURATIONS ANCHORED WITH 1/4" TAPCONS  
 HEAD.....6" MAX. FROM OUTSIDE CORNERS, AND AT 3" AND 6" MAX. ON EACH SIDE OF ASSEMBLY BEAM AND/OR ASTRAGAL LOCATIONS.  
 SILL.....6" MAX. FROM OUTSIDE CORNERS, AND AT 3" AND 6" MAX. ON EACH SIDE OF ASSEMBLY BEAM AND/OR ASTRAGAL LOCATIONS.  
 JAMBS...11" MAX. FROM CORNERS, ONE ANCHOR AT FRAME MIDSPAN, 18 1/2" MAX. SPACING THEREAFTER.
- DETAIL C - TWO OR MORE PANEL CONFIGURATIONS ANCHORED WITH #12 SCREWS  
 HEAD.....6" MAX. FROM OUTSIDE CORNERS, AND AT 3", 6" AND 9" MAX. ON EACH SIDE OF ASSEMBLY BEAM AND/OR ASTRAGAL LOCATIONS.  
 SILL.....6" MAX. FROM OUTSIDE CORNERS, AND AT 3", 6" AND 9" MAX. ON EACH SIDE OF ASSEMBLY BEAM AND/OR ASTRAGAL LOCATIONS.  
 JAMBS...11" MAX. FROM CORNERS, ONE ANCHOR AT FRAME MIDSPAN, 18 1/2" MAX. SPACING THEREAFTER.
- THIS NOTE APPLIES ONLY TO INSTALLATIONS OUTSIDE MIAMI-DADE COUNTY. FOR THESE INSTALLATIONS SEE DETAIL A OR B ABOVE. ENCIRCLED ANCHORS IN DETAIL A ARE REQUIRED FOR NARROW JAMB SIDELITES, BUT OTHERWISE MAY BE OMITTED. ENCIRCLED ANCHORS IN DETAIL B ARE REQUIRED IN THE HEAD AT THE ASTRAGAL LOCATION OF XX PANELS, BUT OTHERWISE MAY BE OMITTED. ALL PANELS MAY BE INSTALLED WITH EITHER #12 SCREWS OR 1/4" TAPCONS.

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*L O J*  
*4/15/05*

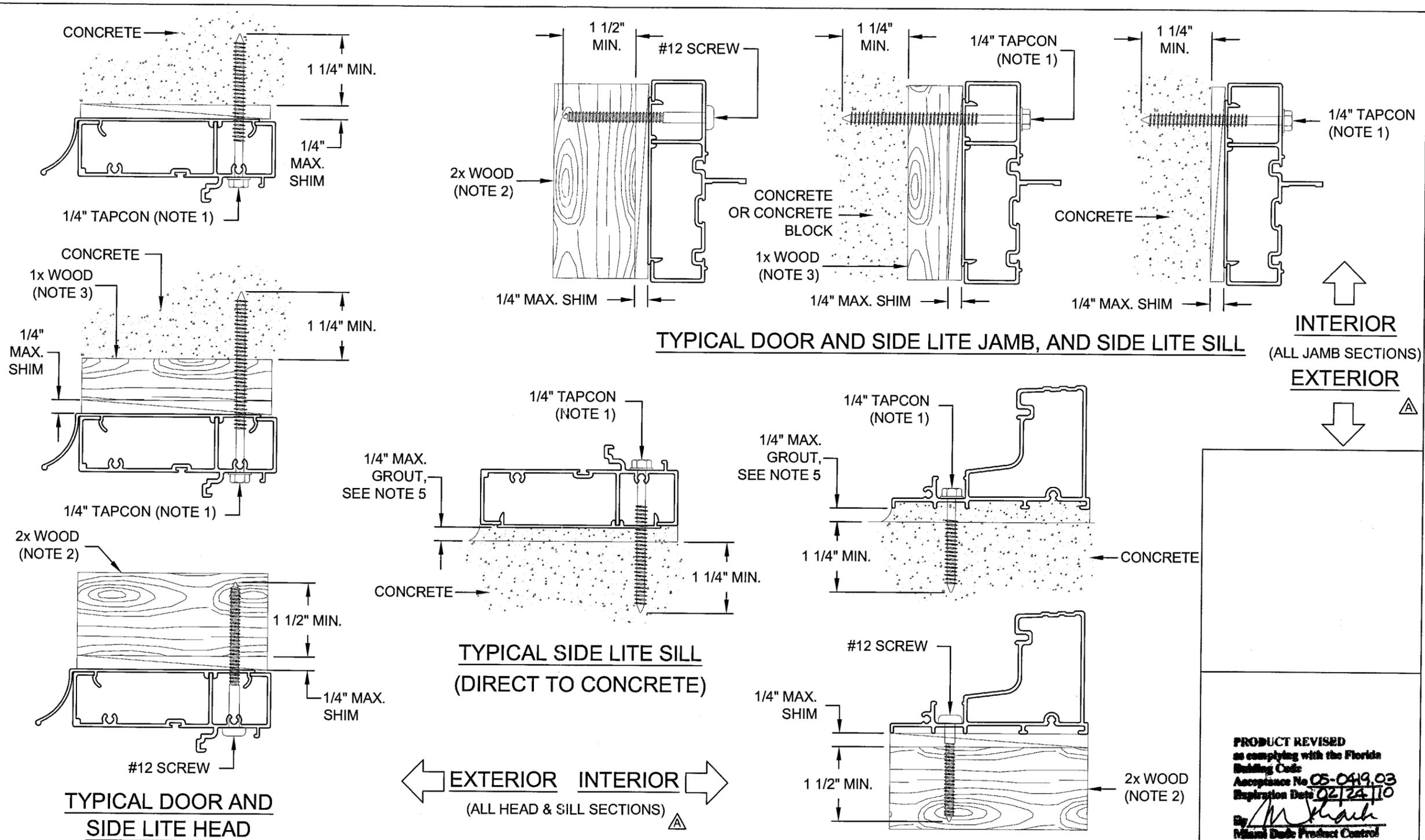
Revsd By: F.K.	Date: 3/25/05	Revisions: A	NO CHANGE THIS SHEET
Revsd By:	Date:	Revisions:	
Revsd By:	Date:	Revisions:	
Drawn By: F.K.	Date: 12/23/04	Checked By: L.T.	Date: 4/8/05

1070 TECHNOLOGY DRIVE  
 NOKOMIS, FL 34275  
 P.O. BOX 1529  
 NOKOMIS, FL 34274



Description: <b>ANCHORAGE SPACING</b>			
Title: <b>ALUM. FRENCH DOOR &amp; SIDE LITES, IMPACT</b>			
Series/Model: FD750	Scale: NTS	Sheet: 9 of 10	Drawing No. 8000-11
			Rev: A

Lucas A. Turner, P.E.  
 PE #58201  
 Mechanical



- NOTES:**
1. FOR CONCRETE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED TAPCONS.
  2. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS 1 1/2" THK. OR MORE TO BE ENGINEERED BY OTHERS AND TO BE REVIEWED BY AUTHORITY HAVING JURISDICTION.
  3. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS LESS THAN 1 1/2" THK. TO BE ENGINEERED BY OTHERS OR AS APPROVED BY AUTHORITY HAVING JURISDICTION.
  4. FOR ATTACHMENT TO ALUMINUM: THE MATERIAL SHALL BE A MINIMUM STRENGTH OF 6063-T5 AND A MINIMUM OF 1/8" THICK. THE ALUMINUM STRUCTURAL MEMBER SHALL BE OF A SIZE TO PROVIDE FULL SUPPORT TO THE DOOR FRAME SIMILAR TO THAT SHOWN IN THE DETAILS ON THIS SHEET FOR 2x WOOD BUCKS. THE ANCHOR SHALL BE A #12 SHEET METAL SCREW WITH FULL ENGAGEMENT INTO THE ALUMINUM. IF THESE CRITERIA ARE MET, THE PRESSURES SHOWN ON SHEET 3 AND ANCHORAGE SPACING FOR #12 SCREWS SHOWN ON SHEET 9 MAY BE USED.
  5. IF SILL IS TIGHT TO CONCRETE SLAB, GROUT IS NOT REQUIRED. IF USED, GROUT MUST TRANSFER SHEAR LOAD TO SLAB.

Revsd By: F.K.	Date: 3/25/05	Revisions: A	UPDATE SHEET REFERENCE NOTE 4 AND ADD EXTERIOR/INTERIOR DIAGRAMS	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275  P.O. BOX 1529 NOKOMIS, FL 34274	<b>PGT</b> Visibly Better	Description: <b>ANCHORAGE DETAILS</b>			
Revsd By:	Date:	Revisions:				Title: <b>ALUM. FRENCH DOOR &amp; SIDE LITES, IMPACT</b>			
Revsd By:	Date:	Revisions:				Series/Model: FD750	Scale: 1/4	Sheet: 10 of 10	Drawing No. 8000-11
Drawn By: F.K.	Date: 12/23/04	Checked By: L.T.	Date: 4/8/05						Lucas A. Turner, P.E. PE #58201 Mechanical

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 By: *[Signature]*  
 Miami Dade Product Control  
 Division

*L.T.*  
 4/15/05