



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

**NOTICE OF ACCEPTANCE (NOA)**

**WinDoor, Incorporated**  
**7500 Amsterdam drive**  
**Orlando, Florida, 32832**

**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 High Velocity Hurricane Zone of the Florida Building Code.

**DESCRIPTION: Series "8000" Aluminum Sliding Glass Door W/WO Reinforcements-L. M. Impact**

**APPROVAL DOCUMENT:** Drawing No. **WIND0076**, titled "8000 Series SGD-LMI", sheets 1 through 9 of 9, prepared by manufacturer, dated 07/04/04 and last revised on 05/13/09, signed and sealed by Luis R. Lomas, P.E., bearing the Miami-Dade County Product Control Renewal 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**

**Limitation:**

1. Minimum two (2") long #14 wood installation screws are required.

**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 renews NOA # **08-1010.07** consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**

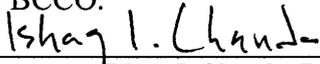


**NOA No 10-0112.04**  
**Expiration Date: April 14, 2015**  
**Approval Date: April 07, 2010**

*3/15/10*

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

- A. DRAWINGS (transferred from file # 08-1010.07)**
1. Manufacturer's die drawings and sections.
  2. Drawing No. **WIND0076**, titled "8000 Series SGD-LMI", sheets 1 through 9 of 9, prepared by manufacturer, dated 07/04/14 and last revised on 05/13/09, signed and sealed by Luis R. Lomas, P.E.
- B. TESTS (transferred from file # 08-1010.07)**
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) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94  
5) Large Missile impact Test per FBC, TAS 201-94  
6) Cyclic Wind Pressure Loading per FBC, TAS 203-94
- Along with marked-up drawings and installation diagram of Aluminum Sliding Glass, prepared by National Certified Testing Laboratories Inc, Test Report No. **NCTL-210-3020-2**, dated 05/06/04 and revised on 05/11/09, signed & sealed by Gerald J, Ferrara, P.E.
2. Additional test report No. **NCTL-210-3582-1**, dated 05/04/09 issued by National Certified Testing Laboratories Inc for alum SGD per FBC, TAS 202-94 (Structural) and water Resistant Test, signed & sealed by Gerald J, Ferrara, P.E.
- C. CALCULATIONS**
1. Anchor verification calculations complying w/ FBC-2007, dated 03-25-09, prepared, signed and sealed by Luis R. Lomas, P.E.,
  2. Glazing complies with ASTM E-1300-02 &-04
- D. QUALITY ASSURANCE BY:**
1. Miami-Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont DeNemours, for "DuPont Butacite ® PVB", expiring on 12/11/2010
  2. Notice of Acceptance No. **08-0514.08** issued to Solutia, for "Vanceva Composite interlayer", expiring on 12/11/2013.
  3. Notice of Acceptance No. **07-1116.04** issued to E.I. DuPont De Nemours & CO., Inc. for "DuPont SentryGlas ® Plus", expiring on 01/14/2012.
- F. STATEMENTS**
1. Statement letters of conformance and "No financial interest" and Product has not changed, dated Jan 05, 2010, signed and sealed by Luis R. Lomas, P.E.
  2. Statement letters of conformance and "No financial interest", both dated Sep. 22, 2008, signed and sealed by Luis R. Lomas, P.E.(transferred from file #08-1010.07)
  3. Statement of compliance, issued as part of the above referenced test report issued by National Certified Testing Laboratories.
- G. OTHER**
1. This NOA revises NOA # **08-1010.07(#04-1020.02)**, expiring April 14, 2010.
  2. Test Proposals dated 01/05/09 and # **06-0152**, approved by BCCO.

  
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Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 10-0112.04  
Expiration Date: April 14, 2015  
Approval Date: April 07, 2010

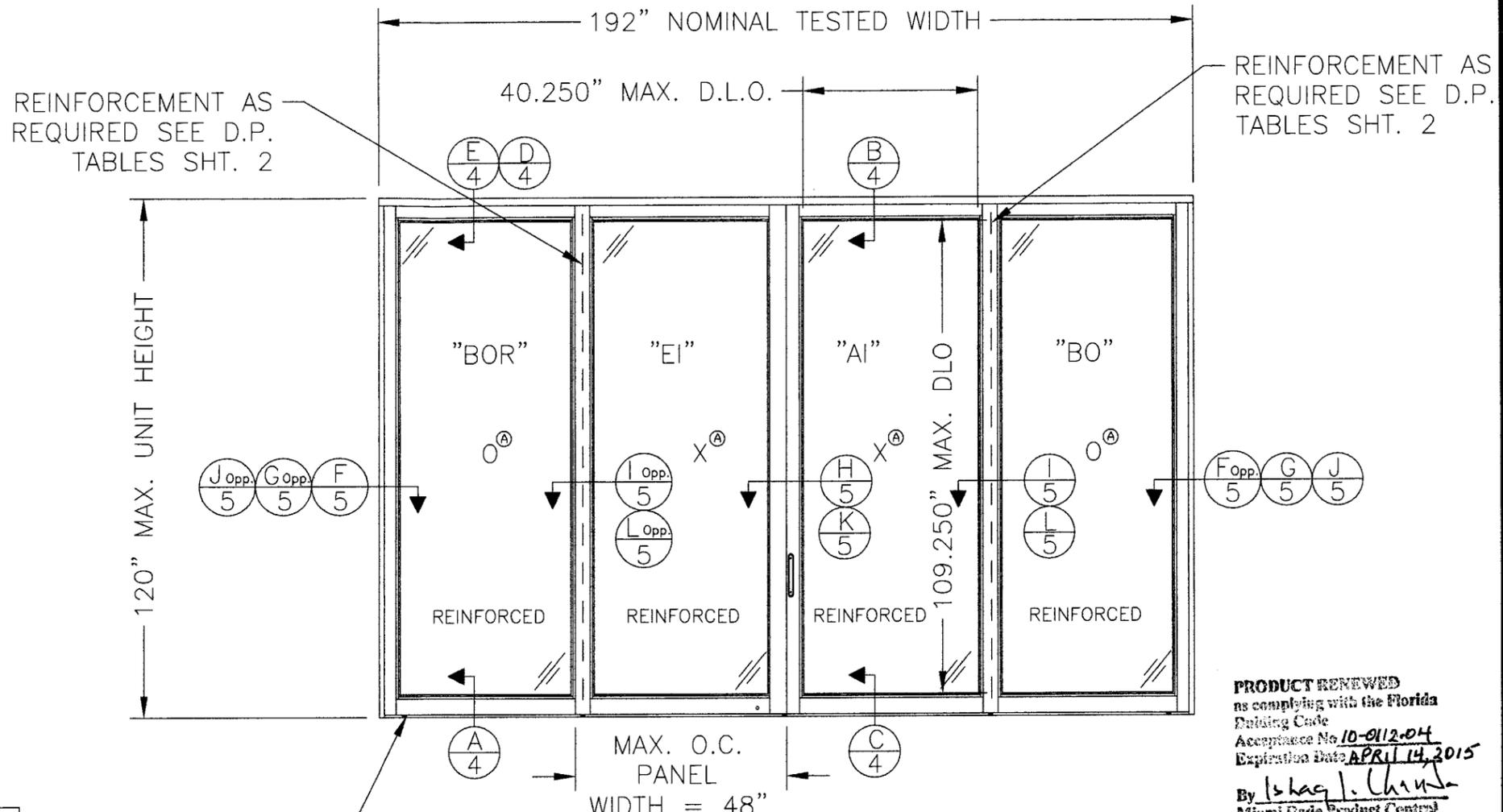
**GENERAL NOTES:**

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE.
- 2) 1X OR 2X WOOD BUCK, STEEL OR WOOD FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, BUCK OR FRAMING IS RESPONSIBILITY OF ARCHITECT OF RECORD.
- 3) PRODUCTS ARE APPROVED FOR USE WHERE LARGE MISSILE IMPACT RESISTANCE IS REQUIRED. IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
- 4) SEE DESIGN PRESSURE CHARTS ON SHEET 2 FOR DESIGN PRESSURE RATINGS.

APPROVED CONFIGURATION TABLE	
2 TRACK	XO, OX, XX, OXO, OXXO

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	ELEVATION & GENERAL NOTES
2	DESIGN PRESSURE CHARTS
3	ANCHORING DETAILS
4	VERTICAL CROSS SECTIONS
5-6	HORIZONTAL CROSS SECTIONS
7	GLAZING DETAILS
8	BILL OF MATERIALS
9	COMPONENTS

SHEET	REV	DESCRIPTION	DATE	BY
1 - 9	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1 - 9	C	REVISED PER DADE LETTER DATED 11-2-08	02/05/09	TJH
1 - 8	B	General revision and update to 2007 FBC Added Four Glass types	07/29/08	DRL
1	A	Per Dade County letter dated 12/03/04	12/29/04	DRL
REVISIONS				



WEEP HOLE  
1" X 0.1875" TYP.

**8000 OXXO SLIDING GLASS DOOR**  
 "BOR" PANEL (FIXED) = 49-1/2" X 118-5/16"  
 "EI" PANEL (ACTIVE) = 50-1/4" X 118-5/16"  
 "AI" PANEL (ACTIVE) = 49-1/2" X 118-5/16"  
 "BO" PANEL (FIXED) = 49-1/2" X 118-5/16"

**D.L.O. FORMULA**  
 D.L.O. HEIGHT = PANEL HEIGHT - 9"  
 D.L.O. WIDTH = PANEL WIDTH - 9"

**PRODUCT RENEWED**  
 as complying with the Florida Building Code  
 Acceptance No 10-0112.04  
 Expiration Date APRIL 14, 2015  
 By Shag J. Chanda  
 Miami Dade Product Control Division

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No 08-1010.07  
 Expiration Date APR 14, 2010  
 By Shag J. Chanda  
 Miami Dade Product Control Division

LUIS R. LOMAS P.E. <i>[Signature]</i> 6/23/09		<b>WinDoor</b> INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
Dwg Title: SERIES 8000 SGD LARGE MISSILE ELEVATION AND GENERAL NOTES			
SIZE B	Drn By: BB	DWG NO. WIND0076	REV D
SCALE N.T.S.	DATE: 07/14/04	SHEET 1 OF 9	

REINFORCED UNIT DESIGN PRESSURES & COMPARATIVE ANALYSIS

GLAZING TYPES B, C, F AND G

REINFORCED UNITS WITH 1 1/2" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg								
80.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	150.0
84.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	150.0
96.0	45.0	150.0	45.0	150.0	45.0	150.0	45.0	146.3	45.0	133.3
108.0	45.0	150.0	45.0	150.0	45.0	142.2	45.0	126.1	45.0	114.3
120.0	45.0	150.0	45.0	146.3	45.0	125.5	45.0	110.8	45.0	100.0

REINFORCED UNITS WITH 2 1/4" SILL RISER

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg								
80.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	150.0
84.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	150.0
96.0	60.0	150.0	60.0	150.0	60.0	150.0	60.0	146.3	60.0	133.3
108.0	60.0	150.0	60.0	150.0	60.0	142.2	60.0	126.1	60.0	114.3
120.0	60.0	150.0	60.0	146.3	60.0	125.5	60.0	110.8	60.0	100.0

REINFORCED UNITS WITH 3" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg								
80.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0
84.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0
96.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	146.3	80.0	133.3
108.0	80.0	150.0	80.0	150.0	80.0	142.2	80.0	126.1	80.0	114.3
120.0	80.0	150.0	80.0	146.3	80.0	125.5	80.0	110.8	80.0	100.0

REINFORCED UNITS WITH 3 1/2" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg								
80.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0
84.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0
96.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	146.3	100.0	133.3
108.0	100.0	150.0	100.0	150.0	100.0	142.2	100.0	126.1	91.4	114.3
120.0	100.0	150.0	100.0	146.3	100.0	125.5	88.7	110.8	80.0	100.0

REINFORCED UNITS WITH 4 1/4" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg								
80.0	120.0	150.0	120.0	150.0	120.0	150.0	120.0	150.0	120.0	150.0
84.0	120.0	150.0	120.0	150.0	120.0	150.0	120.0	150.0	120.0	150.0
96.0	120.0	150.0	120.0	150.0	120.0	150.0	117.0	146.3	106.7	133.3
108.0	120.0	150.0	120.0	150.0	113.8	142.2	100.9	126.1	91.4	114.3
120.0	120.0	150.0	117.0	146.3	100.4	125.5	88.7	110.8	80.0	100.0

NOTE: OPERABLE PANEL MUST COMPLY WITH MINIMUM WIDTH REQUIREMENTS PER FBC.

SHEET	REV	DESCRIPTION	DATE	BY
1 - 9	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1 - 9	C	REVISED PER DADE LETTER DATED 11-2-08	02/05/09	TJH
1 - 8	B	General revision and update to 2007 FBC Added Four Glass types	07/29/08	DRL
1	A	Per Dade County letter dated 12/03/04	12/29/04	DRL
REVISIONS				

NON-REINFORCED UNIT DESIGN PRESSURES & COMPARATIVE ANALYSIS

GLAZING TYPES A, B, C, D, E, F AND G

NON-REINFORCED UNITS WITH 1 1/2" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg								
80.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	90.0
84.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	90.0
96.0	45.0	90.0	45.0	90.0	45.0	90.0	45.0	87.8	45.0	80.0
108.0	45.0	90.0	45.0	90.0	45.0	85.3	45.0	75.7	45.0	68.6
120.0	45.0	90.0	45.0	87.8	45.0	75.3	45.0	66.5	45.0	60.0

NON-REINFORCED UNITS WITH 2 1/4" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg								
80.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0
84.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0
96.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	87.8	60.0	80.0
108.0	60.0	90.0	60.0	90.0	60.0	85.3	60.0	75.7	57.1	68.6
120.0	60.0	90.0	60.0	87.8	60.0	75.3	55.4	66.5	50.0	60.0

NON-REINFORCED UNITS WITH 3" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg								
80.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
84.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
96.0	75.0	90.0	75.0	90.0	75.0	90.0	73.1	87.8	66.7	80.0
108.0	75.0	90.0	75.0	90.0	71.1	85.3	63.1	75.7	57.1	68.6
120.0	75.0	90.0	73.1	87.8	62.7	75.3	55.4	66.5	50.0	60.0

NON-REINFORCED UNITS WITH 3 1/2" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg								
80.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
84.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
96.0	75.0	90.0	75.0	90.0	75.0	90.0	73.1	87.8	66.7	80.0
108.0	75.0	90.0	75.0	90.0	71.1	85.3	63.1	75.7	57.1	68.6
120.0	75.0	90.0	73.1	87.8	62.7	75.3	55.4	66.5	50.0	60.0

NON-REINFORCED UNITS WITH 4 1/4" SILL RISER

Single Panel width (in)

Height (in)	24.0		30.0		36.0		42.0		48.0	
	Pos	Neg								
80.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
84.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0
96.0	75.0	90.0	75.0	90.0	75.0	90.0	73.1	87.8	66.7	80.0
108.0	75.0	90.0	75.0	90.0	71.1	85.3	63.1	75.7	57.1	68.6
120.0	75.0	90.0	73.1	87.8	62.7	75.3	55.4	66.5	50.0	60.0

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 10-0112-04 Expiration Date April 14, 2015  
By Shang I. Chan  
Miami Dade Product Control Division

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 05-1010-07 Expiration Date APR 14, 2010  
By Shang I. Chan  
Miami Dade Product Control Division

LUIS R. LOMAS P.E.

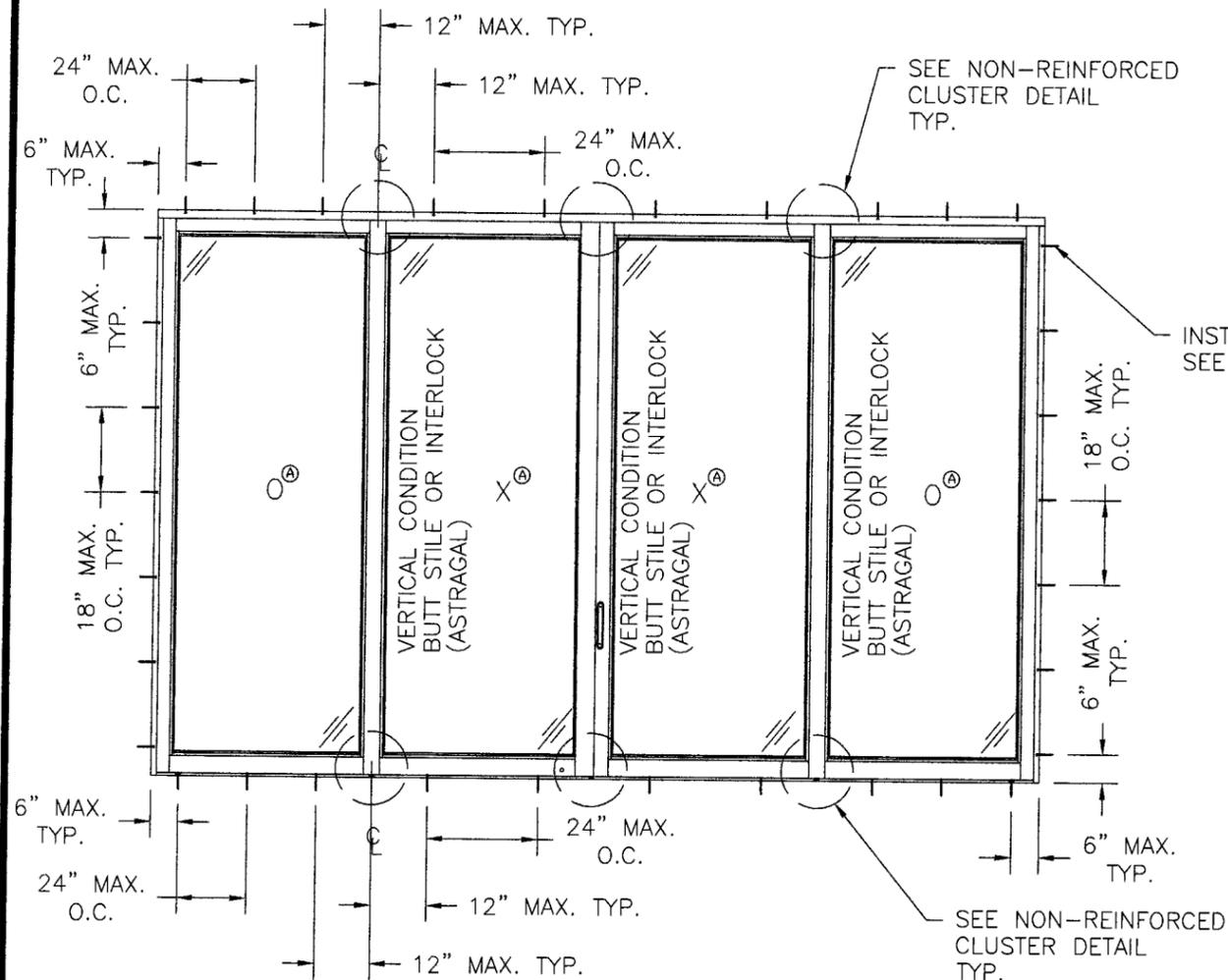
*Shang I. Chan*  
6/23/09

FLORIDA REGISTRATION NO. 62514

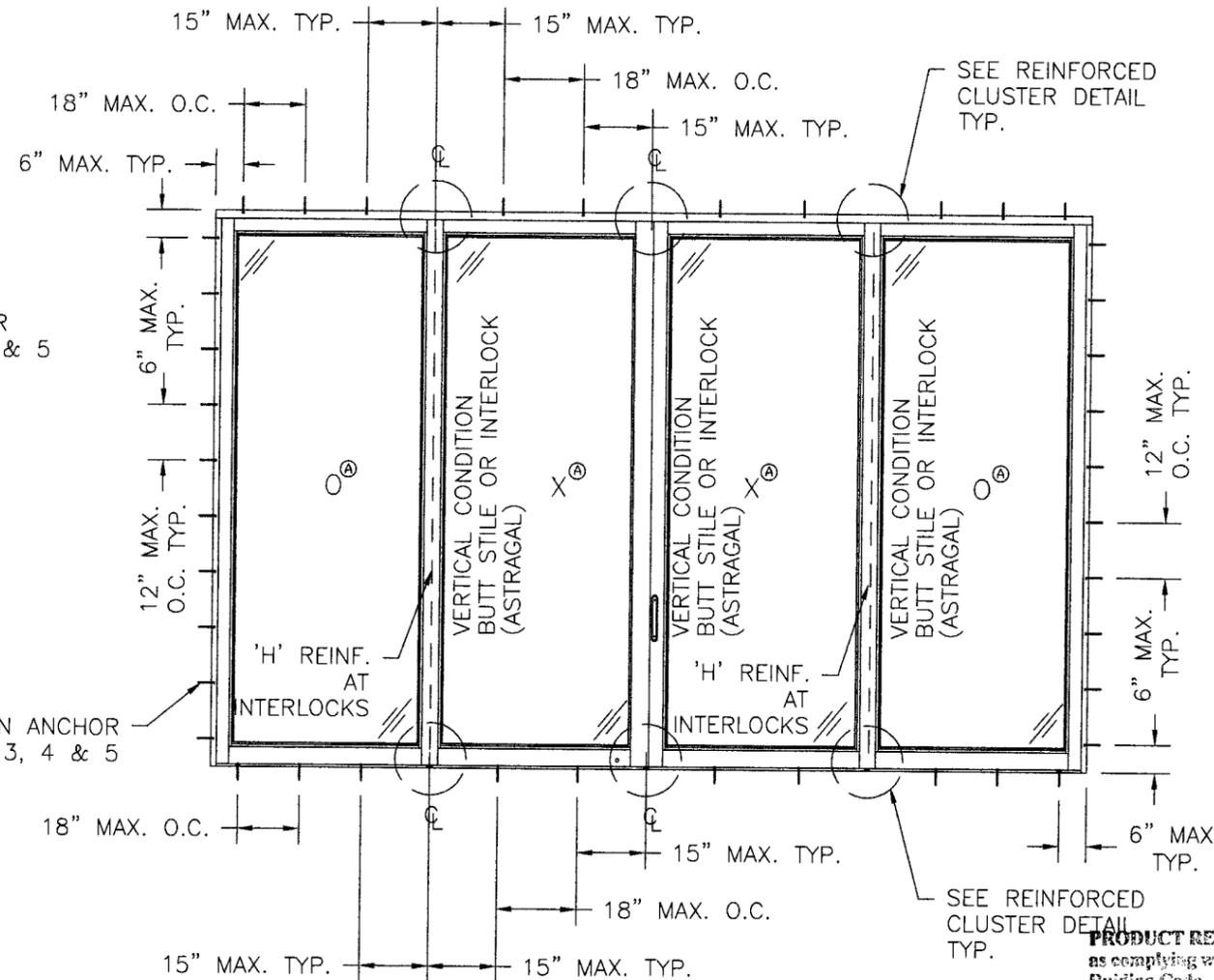
**WinDoor**  
INCORPORATED

7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

Dwg Title: SERIES 8000 SGD LARGE MISSILE COMPARATIVE ANALYSIS & DESIGN PRESSURE CHARTS  
SIZE: B Drn By: BB DWG NO: WIND0076 REV: D  
SCALE: N.T.S. DATE: 07/14/04 SHEET: 2 OF 9



SERIES 8000 OXXO NON REINFORCED SLIDING GLASS DOOR  
SEE NOTES THIS SHEET

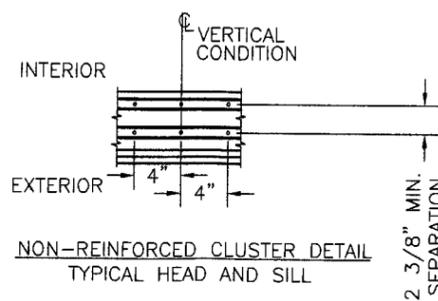


SERIES 8000 OXXO REINFORCED SLIDING GLASS DOOR  
SEE NOTES THIS SHEET

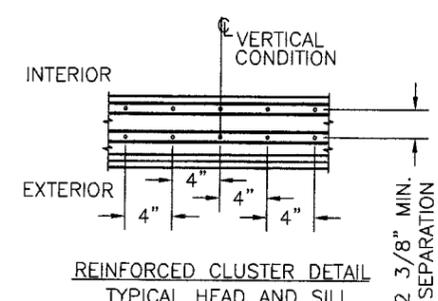
**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
Acceptance No. 10-0112-04  
Expiration Date: APRIL 14, 2015  
By Ishag I. Chand  
Miami Dade Product Control  
Division

**INSTALLATION NOTES:**

- 1) SHIM AS REQ'D. AT EA. SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
- 2) TWO (2) ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 3) CONCRETE OR MASONRY SUBSTRATE WHERE 1X, NON-STRUCTURAL, WOOD BUCKING IS EMPLOYED, (1X TO BE PROPERLY SECURED TO SUBSTRATE AND REVIEWED BY BUILDING OFFICIAL), USE 1/4" DIAMETER ELCO CRETE-FLEX SS4 TAPCON CONCRETE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM OF 1 1/4" INTO CONCRETE OR MASONRY.
- 4) WOOD FRAME SUBSTRATE, USE #14, GRADE 5 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM EMBEDMENT OF 1 1/2" INTO WOOD FRAMING.
- 5) STEEL STUD FRAMING, USE #14, GRADE 5 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 1 1/2" INTO THE STEEL FRAMING WITH WOOD BACKER.



NON-REINFORCED CLUSTER DETAIL  
TYPICAL HEAD AND SILL



REINFORCED CLUSTER DETAIL  
TYPICAL HEAD AND SILL

SHEET	REV	DESCRIPTION	DATE	BY
1 - 9	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1 - 9	C	REVISED PER DADE LETTER DATED 11-2-08	02/05/09	TJH
1 - 8	B	General revision and update to 2007 FBC Added Four Glass types	07/29/08	DRL
1	A	Per Dade letter dated 12/03/04	12/29/04	DRL
REVISIONS				

LUIS R. LOMAS P.E.  
*Luis R. Lomas*  
6/23/09  
FLORIDA REGISTRATION  
NO. 62514

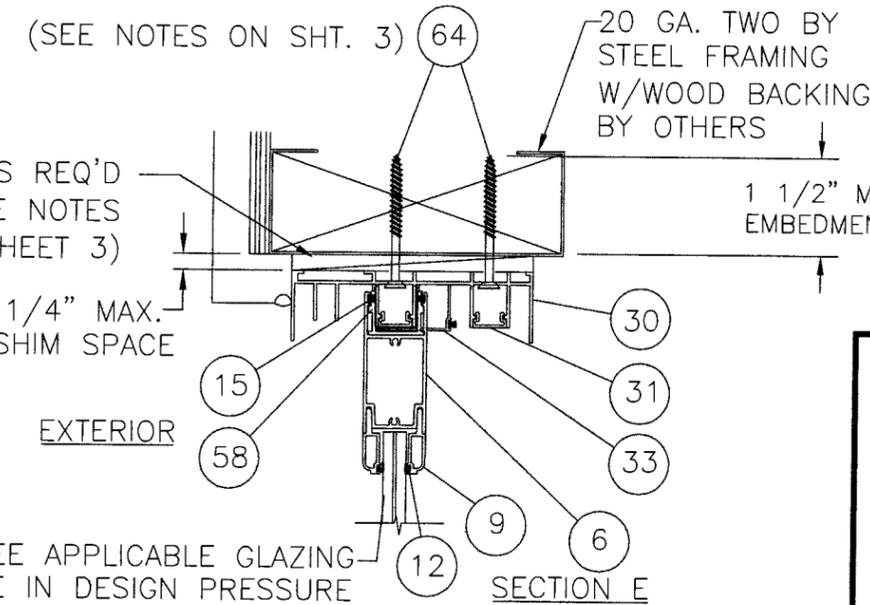
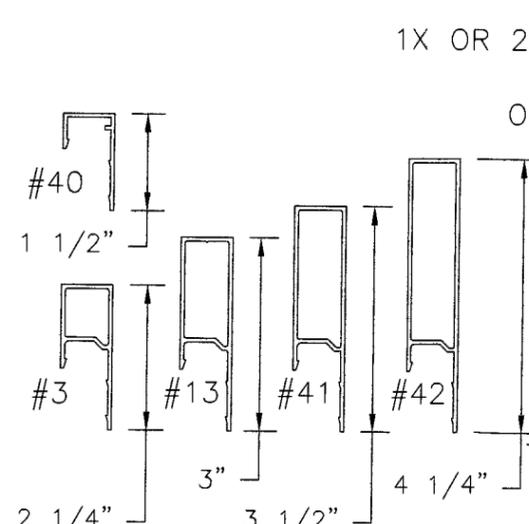
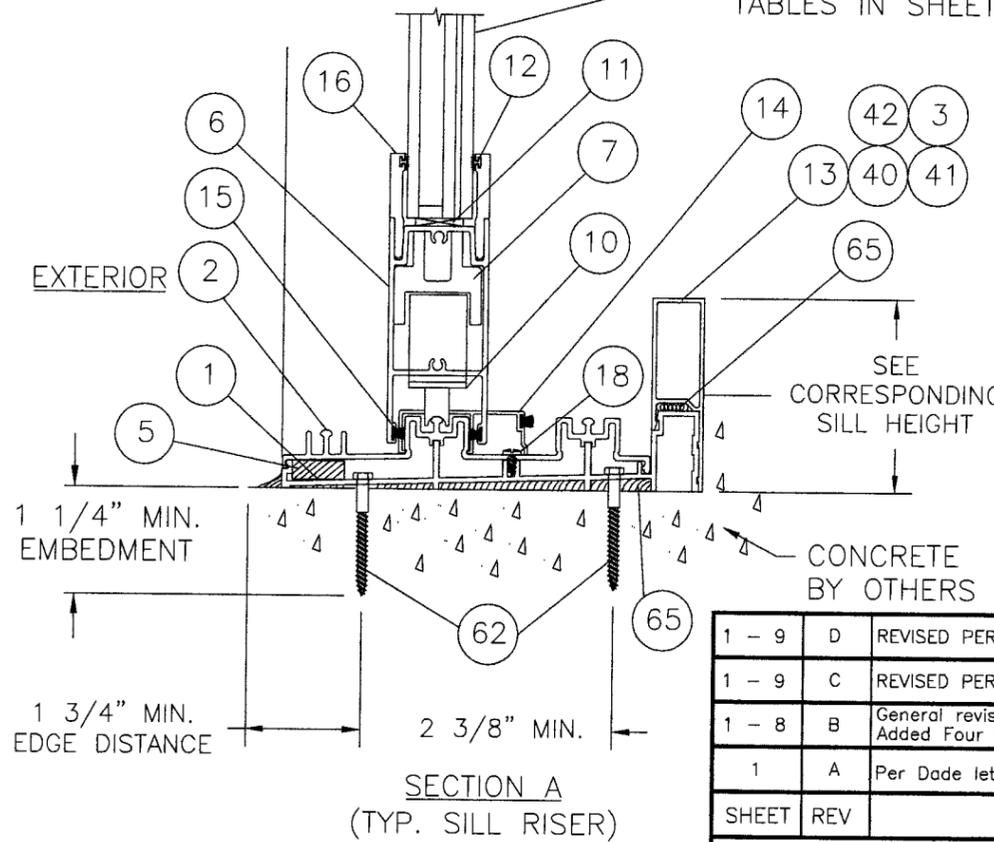
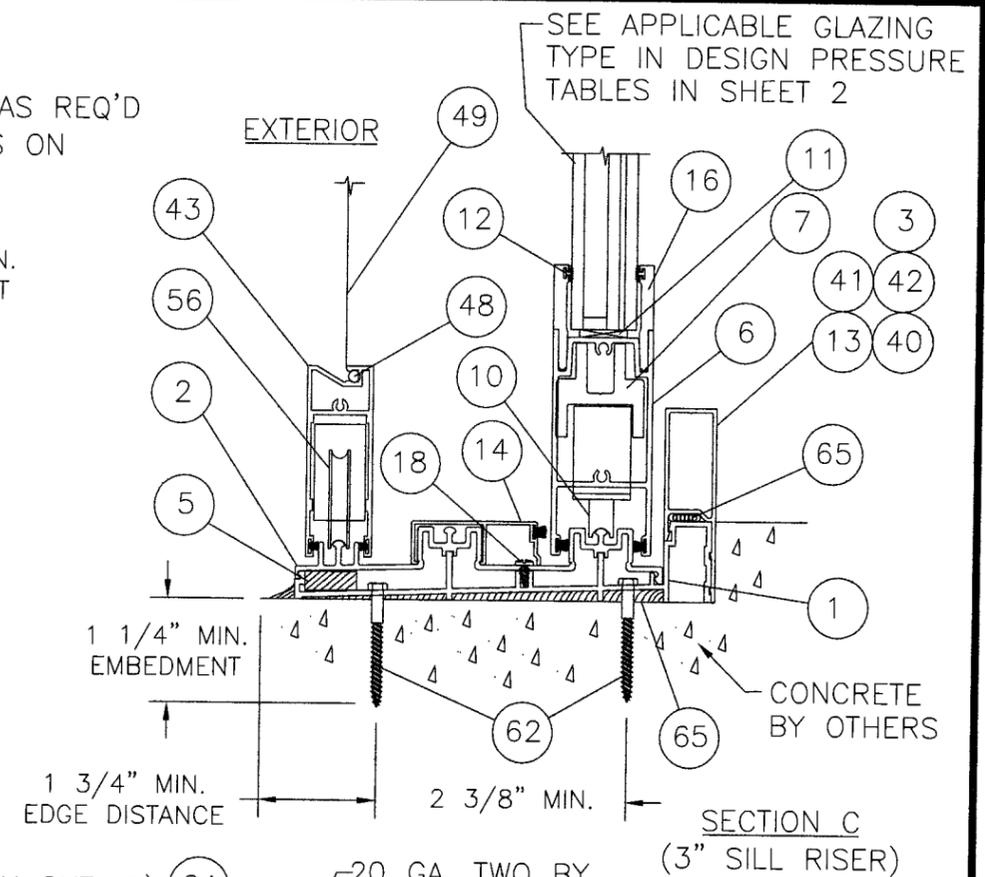
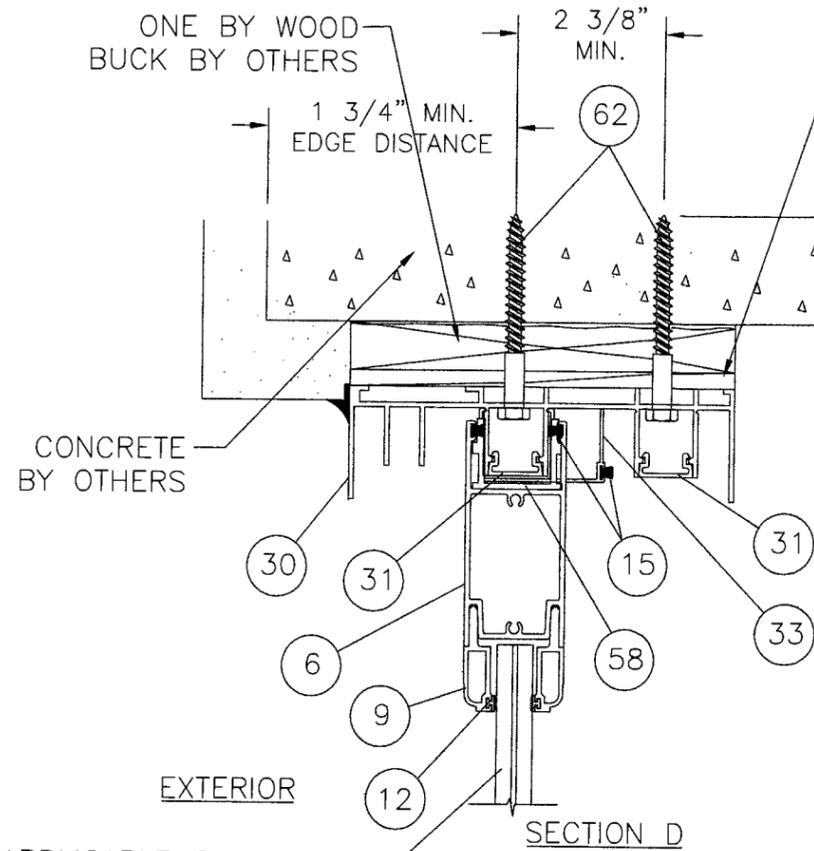
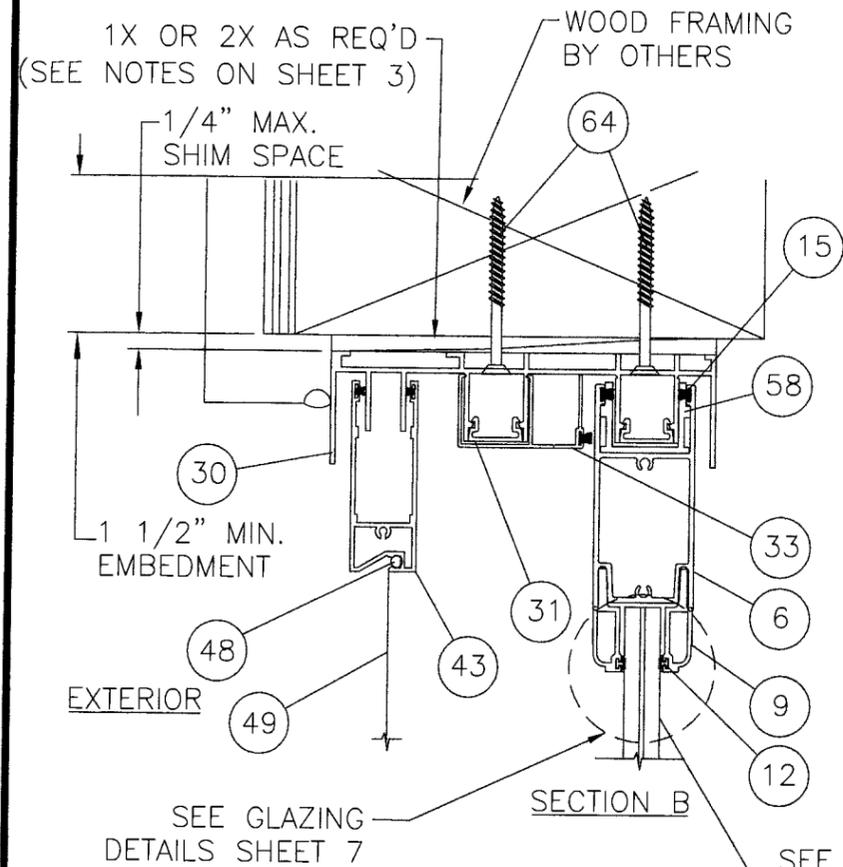
**WinDoor**  
INCORPORATED  
7500 AMSTERDAM DRIVE  
ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

Dwg Title: SERIES 8000 SGD LARGE MISSILE ANCHORING DETAILS

SIZE	Drn By:	DWG NO.	REV
B	BB	WIND0076	D

SCALE N.T.S. DATE: 07/14/04 SHEET 3 OF 9

**PRODUCT REVISED**  
as complying with the Florida  
Building Code  
Acceptance No. 08-1010-07  
Expiration Date: APR 14, 2010  
By Ishag I. Chand  
Miami Dade Product Control  
Division



**PRODUCT RENEWED**  
 as complying with the Florida Building Code  
 Acceptance No. 10-012.04  
 Expiration Date APRIL 14, 2015  
 By Shas. I. Chandra  
 Miami Dade Product Control Division

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No. 06-1010.07  
 Expiration Date APR 14, 2016  
 By Shas. I. Chandra  
 Miami Dade Product Control Division

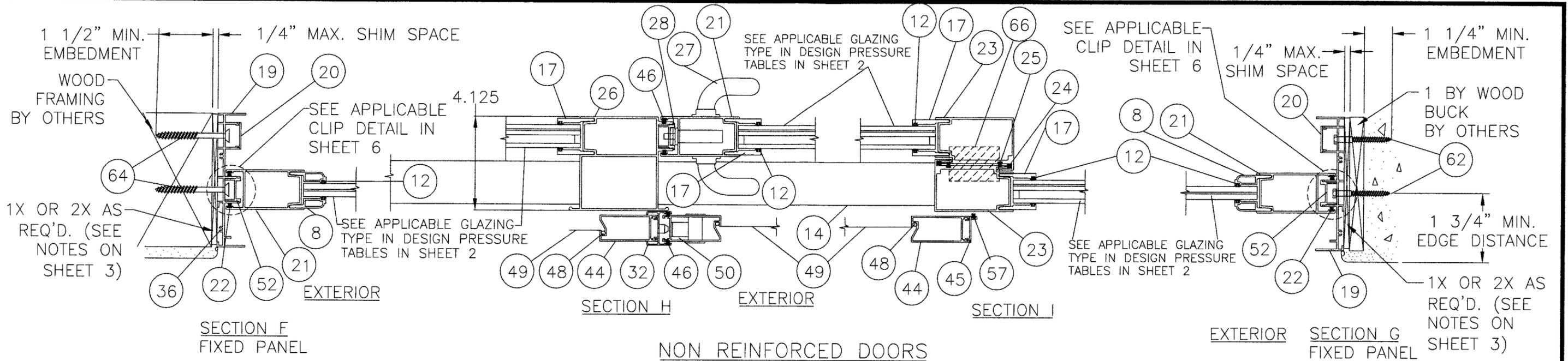
SHEET	REV	DESCRIPTION	DATE	BY
1 - 9	D	REVISED PER DADE LETTER DATED 04-29-09	05/12/09	TJH
1 - 9	C	REVISED PER DADE LETTER DATED 11-2-08	02/05/09	TJH
1 - 8	B	General revision and update to 2007 FBC Added Four Glass types	07/29/08	DRL
1	A	Per Dade letter dated 12/03/04	12/29/04	DRL
REVISIONS				

LUIS R. LOMAS P.E.  
*Shas. I. Chandra*  
 6/23/09  
 FLORIDA REGISTRATION NO. 62514

**WinDoor INCORPORATED**  
 7500 AMSTERDAM DRIVE  
 ORLANDO, FL 32832  
 Phone: 407.481.8400  
 Fax: 407.481.0505  
 www.windoorinc.com

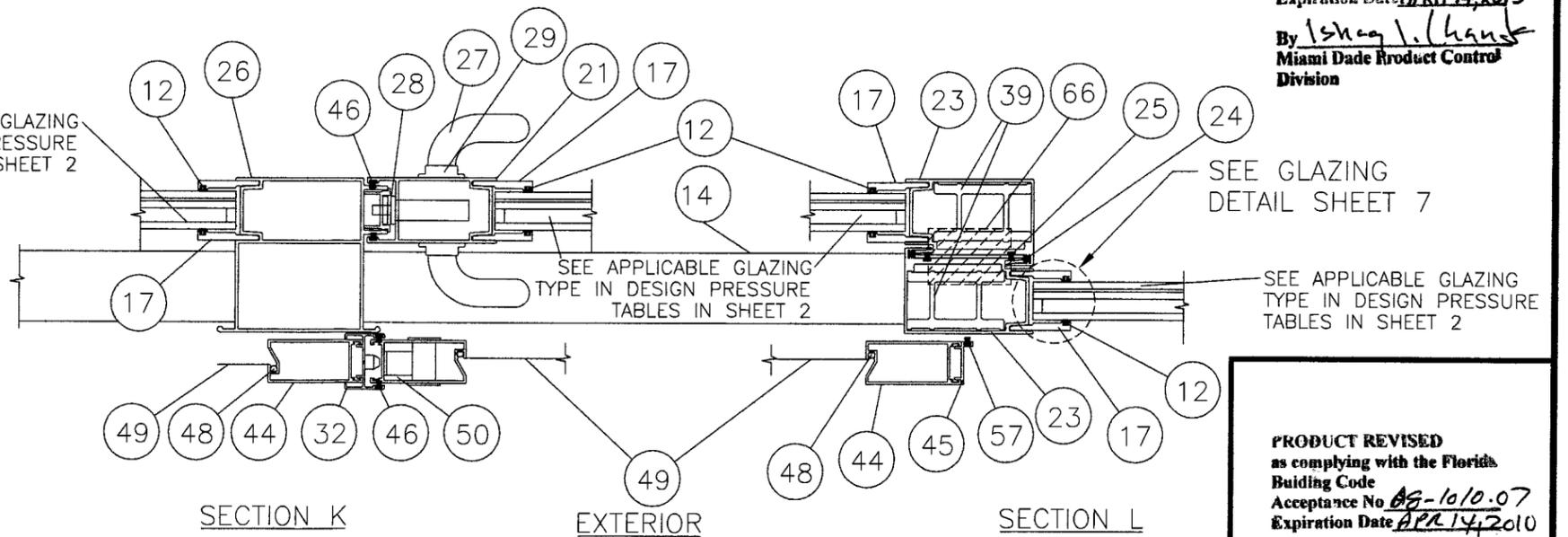
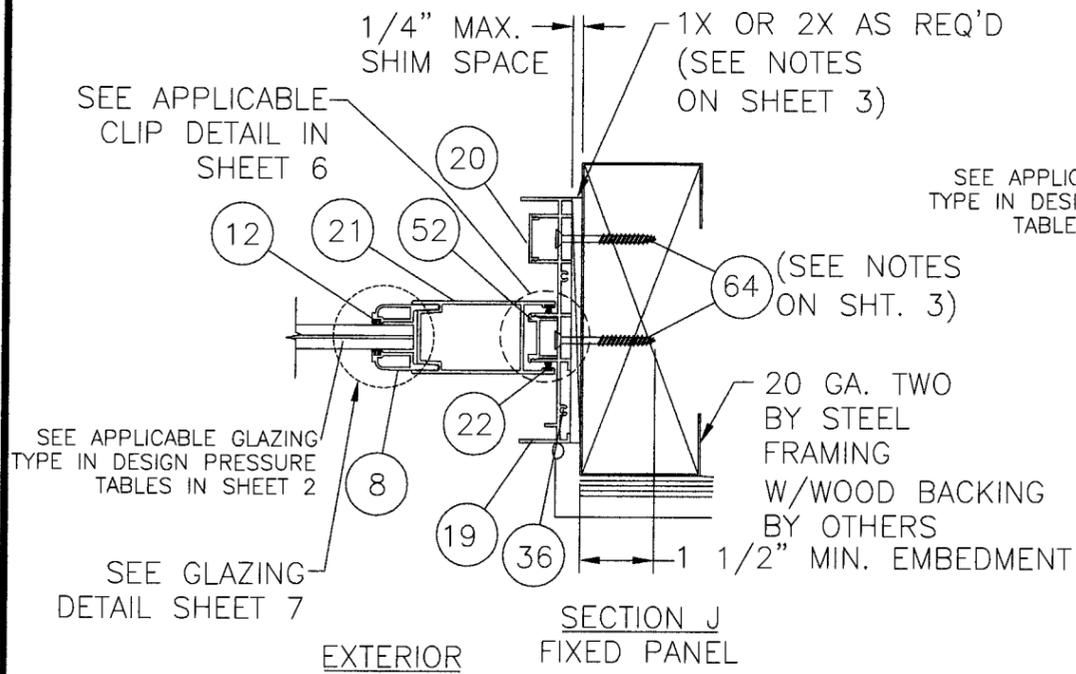
Dwg Title: SERIES 8000 SGD LARGE MISSILE VERTICAL CROSS SECTIONS

SIZE B	Drn By: BB	DWG NO. WIND0076	REV D
SCALE N.T.S.	DATE: 07/14/04	SHEET 4 OF 9	



**NON REINFORCED DOORS**  
 INSTALLATION DETAILS FOR GLASS TYPE  
 A, B, C, D, E, F AND G

**PRODUCT RENEWED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 10-012-04  
 Expiration Date APRIL 14, 2015  
 By *Ishag I. Chanda*  
 Miami Dade Product Control  
 Division



**REINFORCED DOORS**  
 INSTALLATION DETAILS FOR GLASS TYPE  
 B, C, F AND G

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 09-1010-07  
 Expiration Date APR 14, 2010  
 By *Ishag I. Chanda*  
 Miami Dade Product Control  
 Division

**PANEL CONSTRUCTION**  
 EACH PANEL HAS COPED & BUTTED CORNERS.  
 EACH CORNER IS FASTENED TOGETHER WITH  
 TWO #10 X 1 1/4 SS PAN HEAD SCREWS.

SHEET	REV	DESCRIPTION	DATE	BY
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REVISIONS				

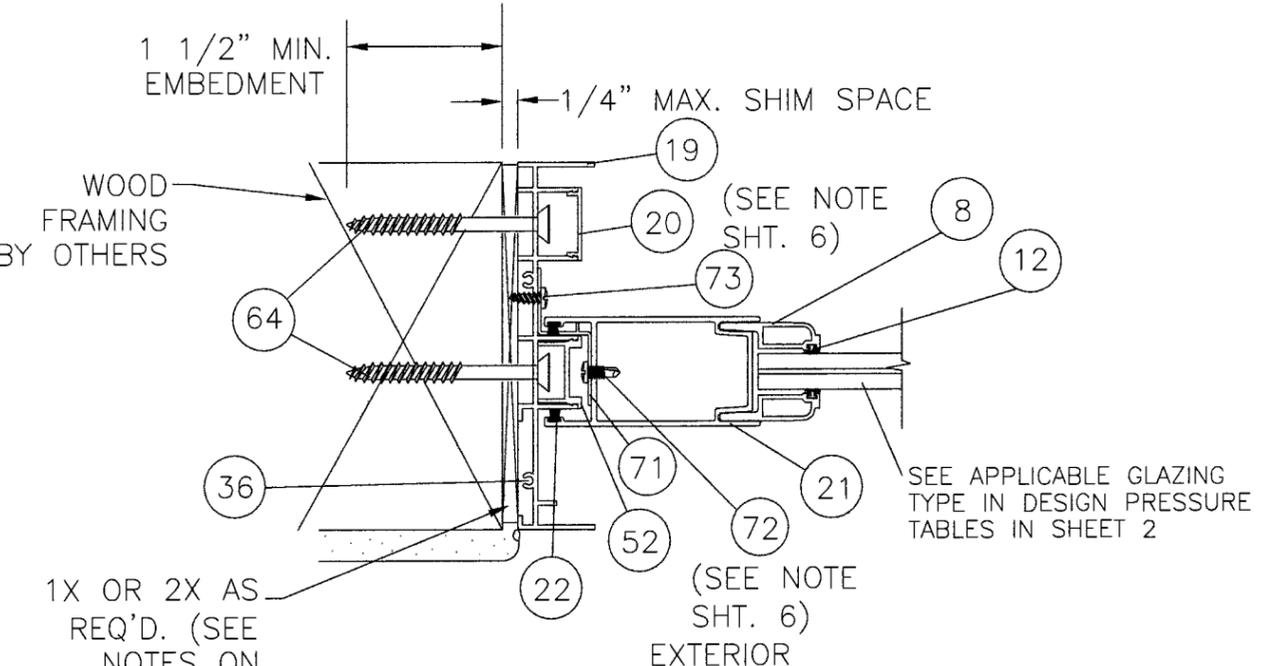
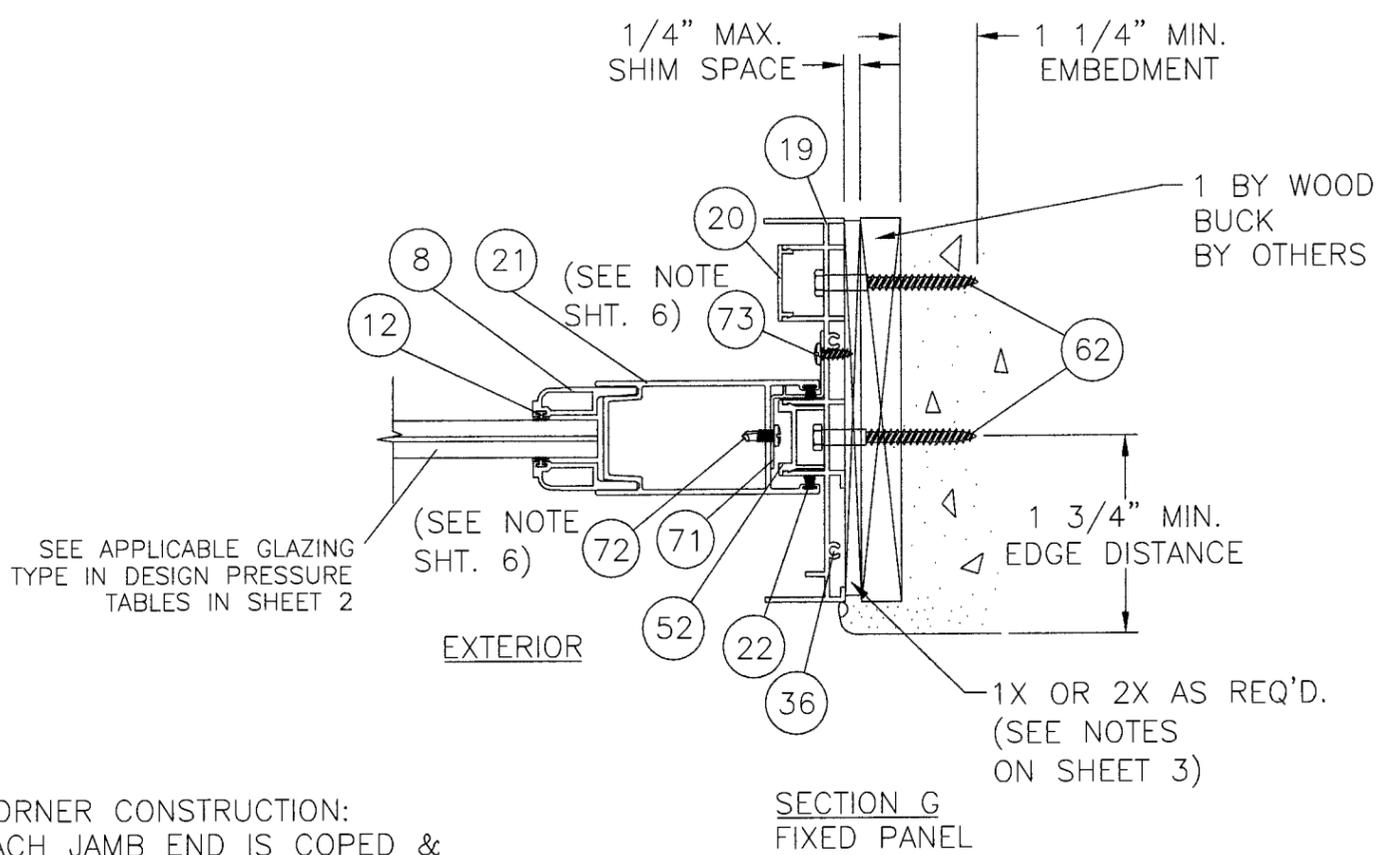
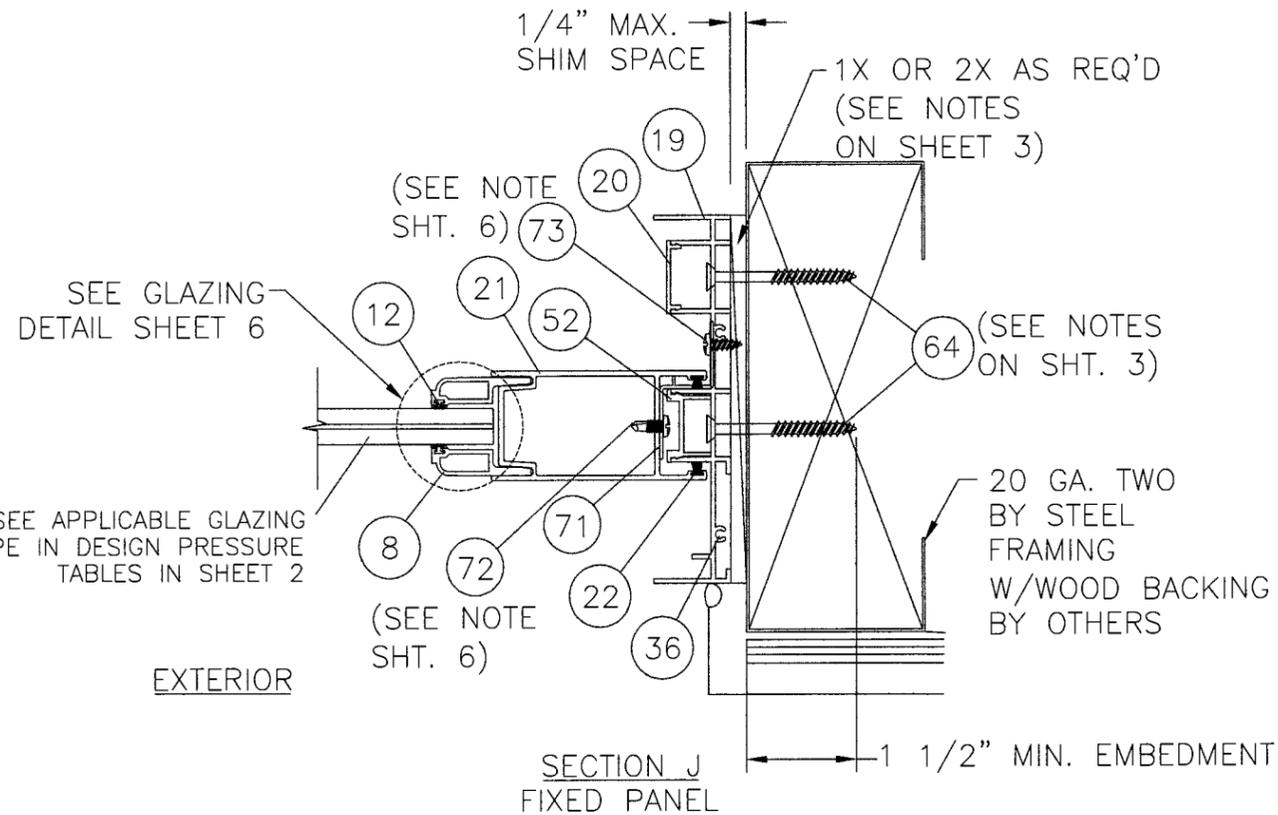
LUIS R. LOMAS P.E.  
*Luis R. Lomas*  
 6/23/09  
 FLORIDA REGISTRATION  
 NO. 62514

**WinDoor**  
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Dwg Title: SERIES 8000 SGD LARGE MISSILE  
 HORIZONTAL CROSS SECTIONS

SIZE	Drn By:	DWG NO.	REV
B	BB	WIND0076	D

SCALE N.T.S. DATE: 07/14/04 SHEET 5 OF 9



CORNER CONSTRUCTION:  
EACH JAMB END IS COPED & BUTTED TO EITHER THE HEAD OR SILL & SECURED WITH (2) #8 X 5/8" PAN HEAD TYPE FSS SCREWS.

- NOTES: (FIXED PANELS)
1. Z-CLIP, ITEM #71, TO BE USED WITH GLASS TYPES D AND E ONLY. ITEMS #67 AND #68 RESPECTIVELY.
  2. ITEM #71, PVB PANEL Z-CLIP IS PLACED IN THE CENTER OF THE PANEL AND IS ATTACHED TO THE PANEL WITH (3) ITEM #72, #10 x 1/2" TEKS SCREW, AND TO THE JAMB WITH (3) ITEM #73, #10 x 1/2" SMS.
  3. ALL FIXED PANELS ARE HELD IN PLACE WITH ITEM #14, SILL COVER, AND ITEM #33, HEAD COVER.

**PRODUCT RENEWED**  
as complying with the Florida Building Code  
Acceptance No. 10-0112-04  
Expiration Date April 14, 2015  
By Shang I. Chan  
Miami Dade Product Control Division

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No. 06-1010-07  
Expiration Date APR 14, 2010  
By Shang I. Chan  
Miami Dade Product Control Division

**PANEL CONSTRUCTION**  
EACH PANEL HAS COPED & BUTTED CORNERS. EACH CORNER IS FASTENED TOGETHER WITH TWO #10 X 1 1/4 SS PAN HEAD SCREWS.

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REVISIONS				

LUIS R. LOMAS P.E.  
*[Signature]*  
6/23/09  
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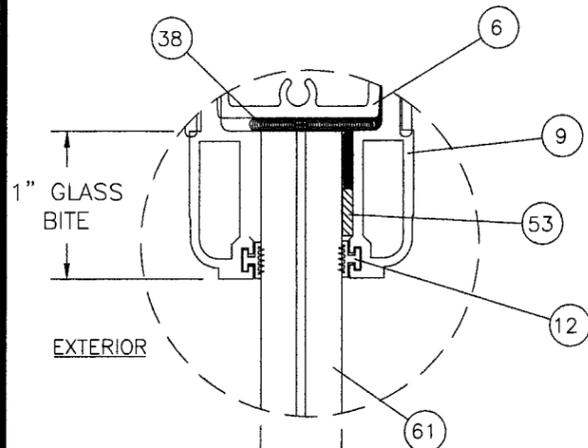
**WinDoor INCORPORATED**  
7500 AMSTERDAM DRIVE  
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Dwg Title: SERIES 8000 SGD LARGE MISSILE HORIZONTAL CROSS SECTIONS

SIZE	Drn By:	DWG NO.	REV
B	BB	WIND0076	D

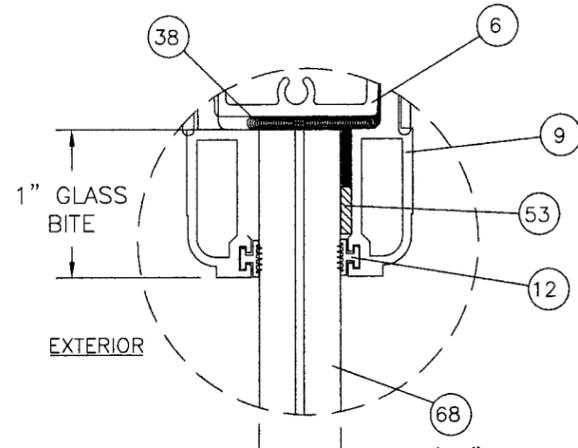
SCALE N.T.S. DATE: 07/14/04 SHEET 6 OF 9

NON-REINFORCED GLAZING ONLY



9/16" ANNEALED LAMINATED O.A. CONSISTING OF; 1/4" ANNEALED + 0.075" VANCEVA (VSO2) + 1/4" ANNEALED

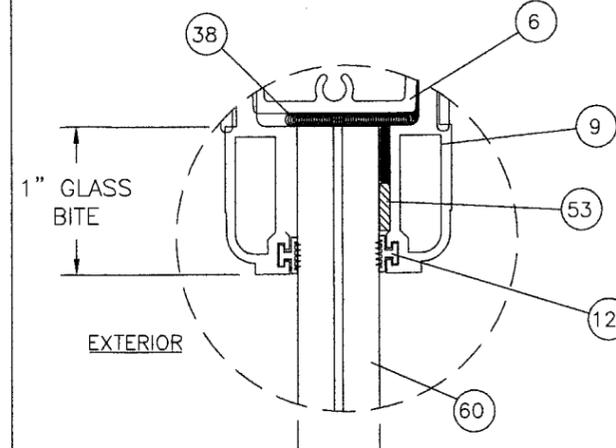
GLAZING TYPE A, #61  
NON-REINFORCED UNITS ONLY



9/16" HS LAMINATED O.A. CONSISTING OF; 1/4" HEAT STRENGTHENED + 0.090" PVB BY DUPONT + 1/4" HEAT STRENGTHENED

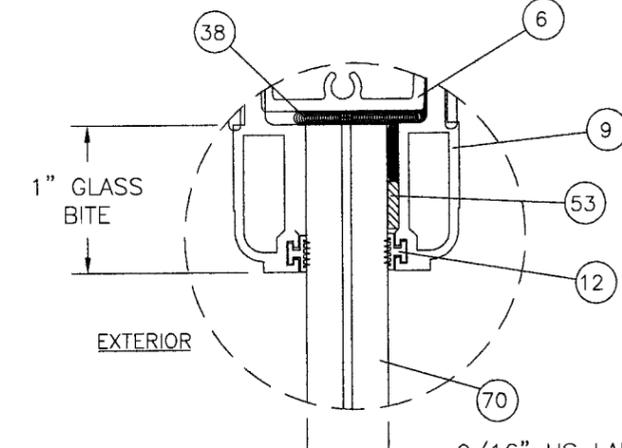
GLAZING TYPE E, #68  
NON-REINFORCED UNITS ONLY

NON-REINFORCED AND REINFORCED GLAZING



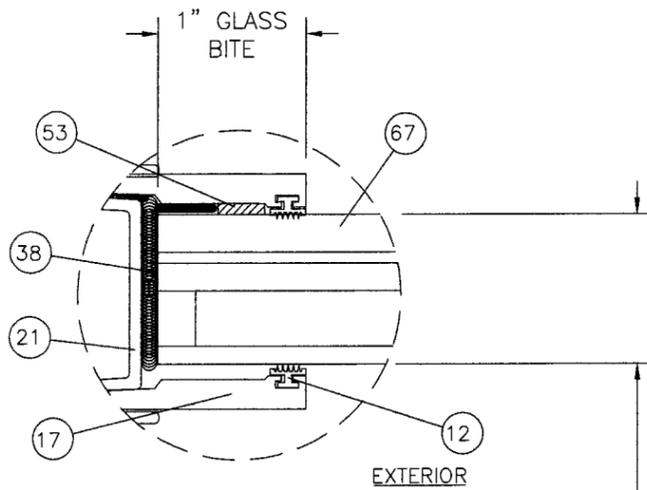
9/16" HS LAMINATED O.A. CONSISTING OF; 1/4" HEAT STRENGTHENED + 0.075" VANCEVA (VSO2) + 1/4" HEAT STRENGTHENED

GLAZING TYPE C, #60



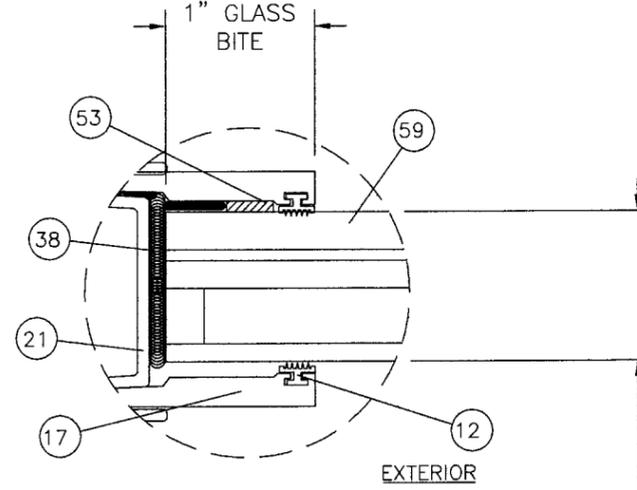
9/16" HS LAMINATED O.A. CONSISTING OF; 1/4" HEAT STRENGTHENED + 0.090" SGP BY DUPONT + 1/4" HEAT STRENGTHENED

GLAZING TYPE G, #70



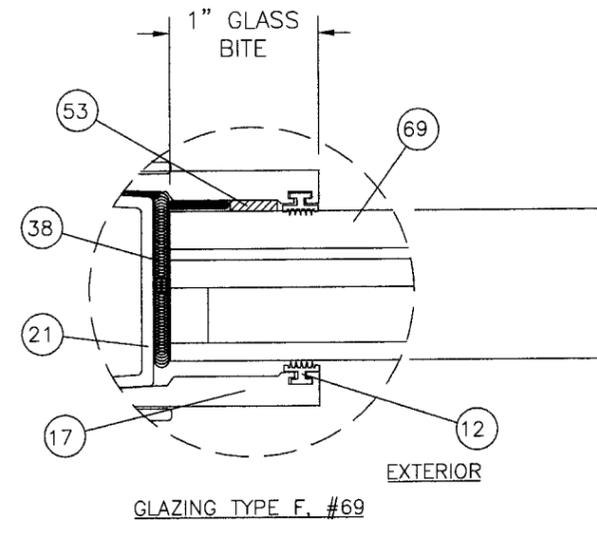
GLAZING TYPE D, #67  
NON-REINFORCED UNITS ONLY

1" INSULATING GLASS O.A. CONSISTING OF: 3/16" TEMPERED (OUTSIDE LITE) + 3/8" AIR SPACE + 7/16" HEAT STRENGTHENED LAMINATED CONSISTING OF 3/16" HS + 0.090" PVB BY DUPONT + 3/16" HS (INSIDE LITE)



GLAZING TYPE B, #59

1" INSULATED GLASS O.A. CONSISTING OF: 3/16" TEMPERED GLASS (OUTSIDE LITE) + 3/8" AIR SPACE + 7/16" TEMPERED LAMINATED CONSISTING OF 3/16" TEMP + 0.075" VANCEVA (VSO2) + 3/16" TEMP (INSIDE LITE)



GLAZING TYPE F, #69

1" INSULATING GLASS O.A. CONSISTING OF: 3/16" TEMPERED (OUTSIDE LITE) + 3/8" AIR SPACE + 7/16" TEMPERED LAMINATED CONSISTING OF 3/16" TEMP + 0.090" SGP BY DUPONT + 3/16" TEMP (INSIDE LITE)

**PRODUCT RENEWED**  
as complying with the Florida Building Code  
Acceptance No 10-0112-04  
Expiration Date APRIL 14, 2015  
By Lshag L. Chavala  
Miami Dade Product Control Division

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No DE-1010-07  
Expiration Date APR 14, 2010  
By Lshag L. Chavala  
Miami Dade Product Control Division

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REVISIONS				

LUIS R. LOMAS P.E.  
*Luis R. Lomas*  
6/23/09  
FLORIDA REGISTRATION NO. 62514

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ORLANDO, FL 32832  
Phone: 407.481.8400  
Fax: 407.481.0505  
www.windoorinc.com

Dwg Title: SERIES 8000 SGD LARGE MISSILE GLAZING DETAILS

SIZE B	Drn By: BB	DWG NO. WIND0076	REV D
SCALE N.T.S.	DATE: 07/14/04	SHEET 7 OF 9	

BILL OF MATERIAL					
NO.	PART NO.	DESCRIPTION			
1	FH-01884	2 TRACK WS/NS FRAME SILL PAN	BY KEMARK	EXTRUDED ALUM.	A6063-T6
2	FS-01885	2 TRACK WS FRAME SILL INSERT	BY KEMARK	EXTRUDED ALUM.	A6063-T6
3	FH-02625	2-1/4" SILL RISER		EXTRUDED ALUM.	A6063-T6
4		PANEL ASSY. SCREW #8 X 1/4" PH TYPE FSS			
5	BF04122-1	WEEP HOLE BAFFLE			
6	FH-01869	PANEL TOP & BOTTOM RAIL	BY KEMARK	EXTRUDED ALUM.	A6063-T6
7	FS-02643	ROLLER BACK UP	BY KEMARK	EXTRUDED ALUM.	A6063-T6
8	FF-01878	9/16" VERTICAL GLASS STOP	BY KEMARK		A6063-T6
9	FH-01877	9/16" HORIZONTAL GLASS STOP	BY KEMARK	EXTRUDED ALUM.	A6063-T5
10	1988-9000	TANDEM ROLLER			
11	NSB 3/16-3/4-2	GLASS SETTING BLOCK			
12	TP870	IMPACT GLASS STOP VINYL SEAL			
13	FH-02813	3" SILL RISER	BY KEMARK	EXTRUDED ALUM.	A6063-T6
14	FS-02208	FRAME SILL COVER	BY KEMARK	EXTRUDED ALUM.	A6063-T6
15	W33351NK000	TOP, BOTTOM RAIL, HEAD & SILL COVER FINSEAL .187 X .350			
16	FS-01879	1" HORIZONTAL GLASS STOP	BY KEMARK	EXTRUDED ALUM.	A6063-T6
17	FS-01880	1" VERTICAL GLASS STOP	BY KEMARK	EXTRUDED ALUM.	A6063-T6
18		#8 x 1/4 PH SILL PAN SCREW			
19	FS-01845	2 TRACK WS/NS FRAME JAMB	BY KEMARK	EXTRUDED ALUM.	A6063-T6
20	FS-01883	FRAME JAMB INSERT	BY KEMARK	EXTRUDED ALUM.	A6063-T6
21	FH-01871	PANEL LOCK STILE	BY KEMARK	EXTRUDED ALUM.	A6063-T6
22	W32211NK000	LOCK STILE FINSEAL .187 X .220		EXTRUDED ALUM.	A6063-T6
23	FH-02491	PANEL INTERLOCK STILE	BY KEMARK	EXTRUDED ALUM.	A6063-T6
24	TP876	INTERLOCK BUMPERS			
25	W33221NK000	INTERLOCK FINSEAL .187 X .220			
26	FH-02165	FEMALE BUTT STILE	BY KEMARK	EXTRUDED ALUM.	A6063-T6
27	1414	OLYMPUS HANDLE SET			
28	2468	DUEL POINT MORTISE LOCK W/KEEPER			
29	2470	MORTISE LOCK THUMB TURN			
30	FS-01846	2 TRACK WS/NS FRAME HEAD	BY KEMARK	EXTRUDED ALUM.	A6063-T6
31	FS-01882	FRAME HEAD INSERT	BY KEMARK	EXTRUDED ALUM.	A6063-T6
32	FS-02650	SCREEN ASTRAGAL	BY KEMARK	EXTRUDED ALUM.	A6063-T6
33	FS-02210	FRAME HEAD COVER	BY KEMARK	EXTRUDED ALUM.	A6063-T6
34	NRAHP	PANEL HEIGHT ADJUSTMENT HOLE PLUGS			
35		PANEL ASSY. SCREW #10 X 1-1/4" PH TYPE FSS			
36		FRAME ASSY. SCREW #8 X 5/8" PH TYPE FSS			
37		ROLLER INST. SCREW #8 X 5/8" PH TYPE FSS			
38	GLAZING SEALANT	SIKA 552 SEALANT			
39	FH-02641	REINFORCING BAR (FULL LENGTH)	BY KEMARK	EXTRUDED ALUM.	A6063-T6
40	FS-02629	1-1/2" SILL RISER	BY KEMARK	EXTRUDED ALUM.	A6063-T6
41	FH-02626	3-1/2" SILL RISER	BY KEMARK	EXTRUDED ALUM.	A6063-T6
42	FH-02939	4-1/4" SILL RISER	BY KEMARK	EXTRUDED ALUM.	A6063-T6
43	FH-02300	SCREEN TOP & BOTTOM RAIL	BY KEMARK	EXTRUDED ALUM.	A6063-T6
44	FH-02395	SCREEN STILE	BY KEMARK	EXTRUDED ALUM.	A6063-T6
45	FH-02209	SCREEN INTERLOCK SWEEP	BY KEMARK		
46	W13131NK	SCREEN FINSEAL .187 X .130			
47		SCREEN ASSY. SCREW #8 X 5/8 PH TYPE F			
48	TP-055.175 SSS	SCREEN SPLINE			
49		SCREEN CLOTH			
50	SGD-205 CH	SCREEN FLUSH LOCK W/KEEPER & SCREWS			

BILL OF MATERIAL		
NO.	PART NO.	DESCRIPTION
51	PCT300 WHYC	SCREEN DUMMY LOCK PULL
52	FS-02726	FRAME JAMB STILE INSERT BY KEYMARK
53	VPP8B	GLAZING TAPE 1/4" X 3/8"
54	NRAHP	PANEL HEIGHT ADJUSTMENT PLUGS
55		SCREEN ROLLER INSTALLATION SCREWS #8 X 3/4 PH TYPE F
56	PJS 7623-09-SS-N	SCREEN ROLLER
57	W23401NK	WEATHER STRIPPING .187 X .400 A6063-T6
58	NPG	NYLON PANEL GUIDE
59	GLAZING TYPE B	1" INSULATED GLASS O.A. CONSISTING OF: 3/16" TEMPERED GLASS (OUTSIDE LITE) + 3/8" AIR SPACE + 7/16" TEMP LAMINATED CONSISTING OF 3/16" TEMP + 0.075" VANCEVA (VSO2) + 3/16" TEMP (INSIDE LITE)
60	GLAZING TYPE C	9/16" O.A.: 1/4" H.S.; .075 VANCEVA COMPOSITE; 1/4" H.S.
61	GLAZING TYPE A	9/16" O.A.: 1/4" ANN.; .075 VANCEVA COMP; 1/4" ANN.
62		1/4" DIA. ELCO CRETE-FLEX SS4 TAPCON
64		1/4" DIAMETER CUT THREAD WOOD SCREW
65		SILICONE CAULK
66	P7569AM	.75" HIGH x 1.5" x 2.25" DUAL FINNED DUST PAD
67	GLAZING TYPE D	1" INSULATED GLASS O.A. CONSISTING OF: 3/16" TEMPERED GLASS (OUTSIDE LITE) + 3/8" AIR SPACE + 7/16" HEAT STRENGTHENED LAMINATED CONSISTING OF 3/16" HS + 0.090" PVB BY DUPONT + 3/16" HS (INSIDE LITE)
68	GLAZING TYPE E	9/16" O.A. (1/4" HS + 0.090 PVB BY DUPONT + 1/4" HS)
69	GLAZING TYPE F	1" INSULATED GLASS O.A. CONSISTING OF: 3/16" TEMPERED GLASS (OUTSIDE LITE) + 3/8" AIR SPACE + 7/16" TEMPERED LAMINATED CONSISTING OF 3/16" TEMP + 0.090" SGP BY DUPONT + 3/16" TEMP (INSIDE LITE)
70	GLAZING TYPE G	9/16" O.A. (1/4" HS + 0.090 SGP BY DUPONT + 1/4" HS)
71		PVB PANEL Z-CLIP
72		#10 X 1/2" TEK SCREW
73		#10 X 1/2 SMS

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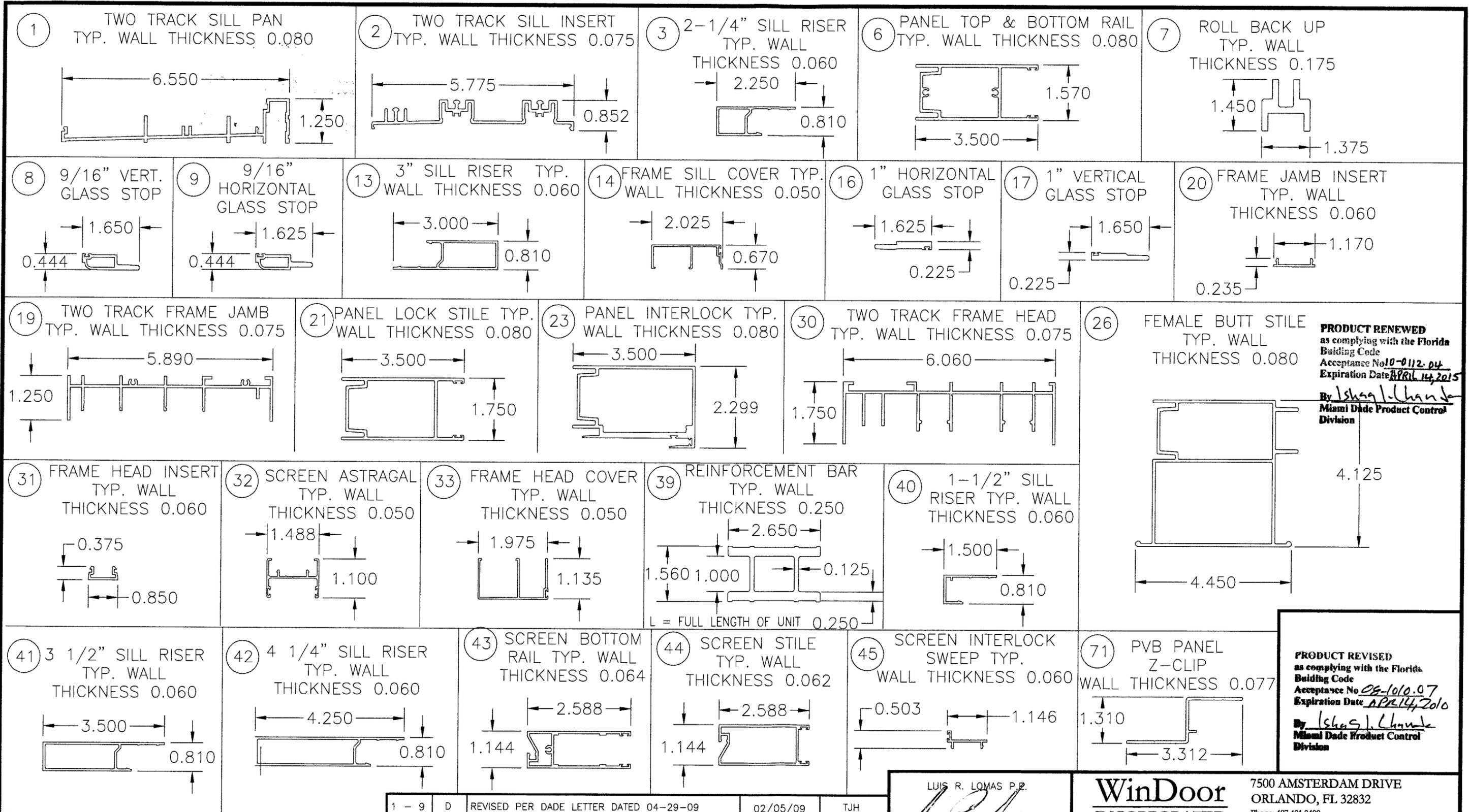
Dwg Title: SERIES 8000 SGD LARGE MISSILE  
 BILL OF MATERIALS

SIZE	Drn By:	DWG NO.	REV
B	BB	WIND0076	D

SCALE N.T.S. DATE: 07/14/04 SHEET 8 OF 9

**PRODUCT RENEWED**  
 as complying with the Florida  
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 Miami Dade Product Control  
 Division

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ORLANDO, FL 32832  
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Dwg Title: SERIES 8000 SGD LARGE MISSILE COMPONENTS

SIZE	Drn By:	DWG NO.	REV
B	BB	WIND0076	D

SCALE N.T.S. DATE: 07/14/04 SHEET 9 OF 9