



MIAMI-DADE COUNTY
 PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidadecounty.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)

Kolbe & Kolbe Millwork Co., Inc.
 1211 Depot Street
 Manawa, WI 54949

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 "V707SGD" Vinyl Sliding Glass Door (XO or OX)- L.M.I.

APPROVAL DOCUMENT: Drawing No. FL 00339, titled "Series V707SGD White PVC, Sliding Glass Door", sheets 1 through 5 of 5, prepared by manufacturer dated 12/09/07 and last revised on 11/18/2013, signed and sealed by L. Roberto Lomas, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact

Limitation:

1. 1x or 2x buck must be properly secured to the substrate to transfer the imposed load.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", 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 & renews NOA # 12-0620.02 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

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



NOA No. 13-0805.06
 Expiration Date: November 20, 2018
 Approval Date: December 26, 2013
 Page 1

12/16/13

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under file #12-0620.06)
2. Drawing No. **FL 00339**, titled "Series V707SGD White PVC, Sliding Glass Door", sheets 1 through 5 of 5, prepared by manufacturer dated 12/09/07 and last revised on 11/18/2013, signed and sealed by L. Roberto Lomas, P.E.

B. TESTS (submitted under files #12-0620.06/#08-0342.17)

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, 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 PVC sliding glass door, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-110-10633-18**, dated 04/12/06, signed and sealed by Harold E. Rupp, P.E.

Note: this test report has been revised by an addendum letter dated 01/04/08, issued by National Certified Testing Laboratories, signed and sealed by Harold E. Rupp, P.E.

C. CALCULATIONS

1. Anchor verification calculations dated 12/15/07, prepared, signed and sealed by Luis R. Lomas, P.E. (submitted under file #12-0620.06).
2. Complies with ASTM-E1300-02

D. QUALITY ASSURANCE

1. Miami Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

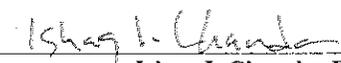
1. Notice of Acceptance No. **11-0624.02** issued to E.I. DuPont De Nemours & CO., Inc. for "DuPont Butacite PVB", expiring on 01/14/2017.
2. Notice of Acceptance No. 12-0620.09, issued to Royal Windows & Doors (Former Thermoplast" for "White PVC Rigid", expiring on 07/05/17.

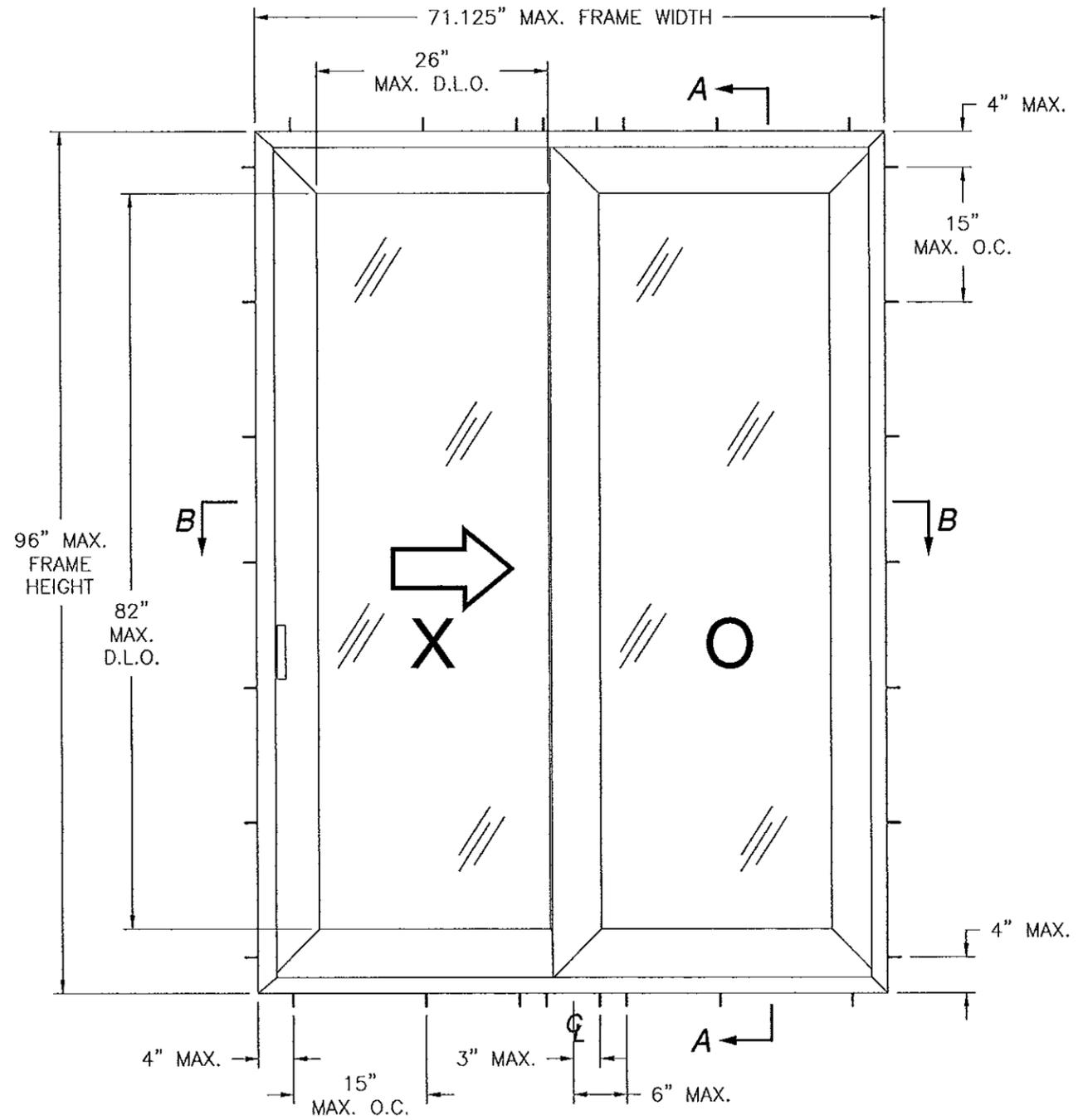
F. STATEMENTS

1. Statement letters of Compliance to FBC 2010 and "no financial interest", both dated 05/21/13, signed and sealed by Luis R. Lomas, P.E.
2. Statement request dated 07/15/13 issued by Kolbe for "renewal with no change to product", signed by Mark Harger, Manager.
3. Statement letter of lab compliance, part of the above referenced test reports.

G. OTHER

1. This NOA revises & renews NOA # 12-0620.02, expiring 04/20/18.


Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 13-0805.06
Expiration Date: November 20, 2018
Approval Date: December 26, 2013



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS.	08/04/08	R.L.
B	REVISED NOTES 4 AND 12	10/15/12	R.L.
C	REVISED PER MD COMMENTS	11/18/13	R.L.

- NOTES:
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE REQUIREMENTS OF CURRENT FLORIDA BUILDING CODE INCLUDING THE HVHZ.
 - WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
 - CONTRACTOR IS RESPONSIBLE FOR MAINTAINING STRUCTURAL INTEGRITY OF WINDOW OPENING AND ALL WOOD FRAMING AROUND WINDOW.
 - UNITS MUST BE GLAZED WITH 1" INSULATED LAMINATED CONSISTING OF: 5/32" TEMPERED EXTERIOR PANEL - AIR - LAMINATED INTERIOR PANEL CONSISTING OF 5/32" ANN - .090 DUPONT BUTACITE PVB - 5/32" ANN GLAZING TO COMPLY WITH ASTM E1300-04.
 - APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN AREAS WHERE WIND BORNE DEBRIS PROTECTION IS REQUIRED.
 - SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
 - FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 - FOR ANCHORING INTO MASONRY WITH PROPERLY SECURED 1X BUCK USE 3/16" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 5/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
 - ALL FASTENERS TO BE CORROSION RESISTANT.
 - INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD: MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 3,200 PSI.
 - C. MASONRY: STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
 - FRAME AND SASH MATERIAL: PVC BY ROYAL WINDOW AND DOOR PROFILES PER CURRENT NOA.
 - APPROVED CONFIGURATIONS: OX AND XO.

V707SGD
XO OR OX CONFIGURATION
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	LARGE AND SMALL MISSILE IMPACT

SIGNED: 11/18/2013

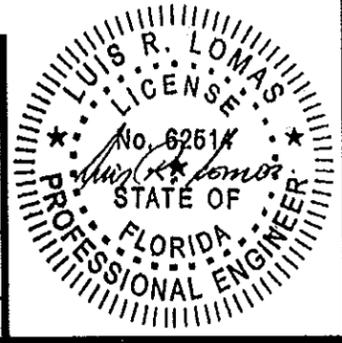
TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	ELEVATION AND GENERAL NOTES
2, 3	CROSS SECTIONS AND B.O.M.
4	INSTALLATION DETAILS
5	COMPONENTS

PRODUCT MARKED
as complying with the Florida
Building Code
Acceptance No. 13-0805-06
Expiration Date Nov 20, 2018
By [Signature]
Miami Dade Product Control

KOLBE & KOLBE MILLWORK
1211 DEPOT ST
MANAWA, WI 54949

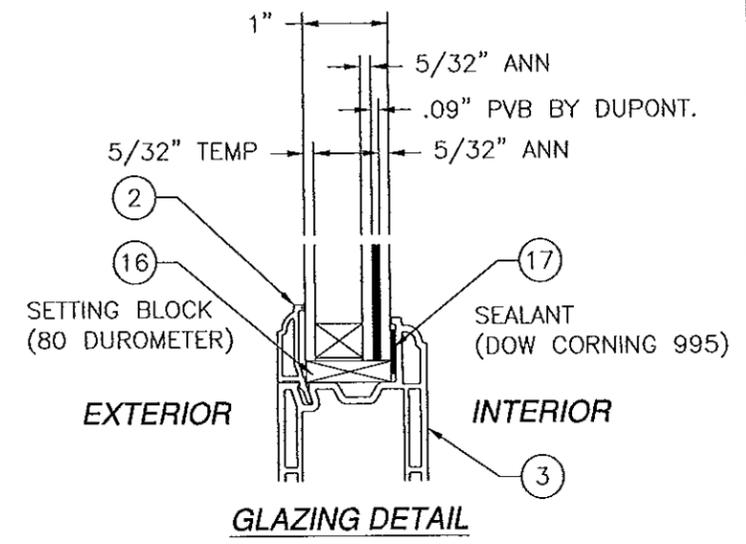
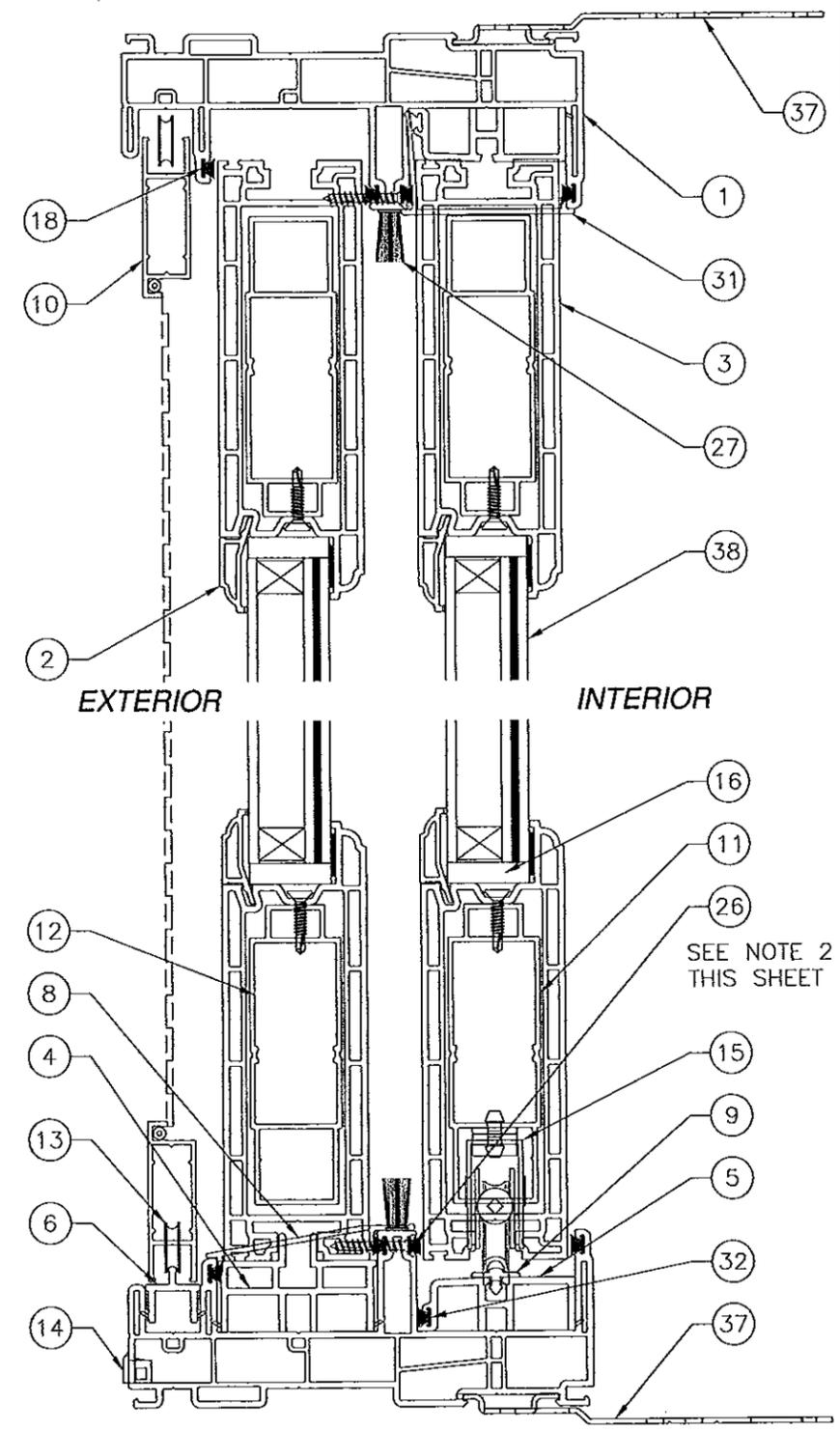
V707SGD WHITE PVC SLIDING GLASS DOOR
ELEVATIONS AND NOTES

DRAWN: R.L.	DWG NO. FL 00339	REV C
SCALE NTS	DATE 12/09/07	SHEET 1 OF 5



BILL OF MATERIALS				
ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	S003	FRAME	*ROYAL	WHITE PVC
2	S021	1" GLAZING BEAD	*ROYAL	WHITE PVC
3	S017	SASH	*ROYAL	WHITE PVC
4	S008	SUPPORT BLOCK		
5	S018	SILL ADAPTER	*ROYAL	WHITE PVC
6	7059	SCREEN ADAPTER		
7	S084	SNAP-ON MEETING RAIL	*ROYAL	WHITE PVC
8	090	SILL	*ROYAL	ALUMINUM 6063-T5
9	013	SASH RAIL	*ROYAL	ALUMINUM 6063-T5
10		SCREEN		
11	095	ROLLER SUPPORT	*ROYAL	ALUMINUM 6063-T5
12	095	SASH REINFORCEMENT (FULL WIDTH/LENGTH)	*ROYAL	ALUMINUM 6063-T5
13		SCREEN ROLLER		
14	11-2550-10	WEEP COVER	RO-MAI	
15		TANDEM ROLLER		
16	1" X 2.5" X 2	SETTING BLOCK 80 DUROMETER		
17	DOW 995	SEALANT		DOW CORNING
18	HF-7320-187	WEATHER STRIP	SCHLEGEL	
19	SS-6945	WEATHER STRIP	SCHLEGEL	
20		SCREEN HDL INTERIOR & EXTERIOR		
21		SCREEN KEEPER		
22		SASH KEEPER		
23	690-0015	SASH HDL INTERIOR SERIES CD453	FASCO	
24	#6 X 1/2"	SCREEN KEEPER SCREW FH		
25	#8 X 5/8"	SASH KEEPER SCREW FH		
26	#6 X 1"	FIXED SASH SCREWS FH		
27	T5927AMW	6" WEATHERSTRIP	ULTRAFAB	
28	EAQ705	SCREW PLUG		
29	S030	LOCK SIDE MOLDING		
30	#8 X 3/4"	REINFORCEMENT SCREW SMS		
31	S029	SASH TOP		
32	PB-8322-187	WEATHER STRIP	SCHLEGEL	
33	RF-S017	INTERLOCK REINFORCEMENT (FULL LENGTH)	*ROYAL	ASTM A653 STEEL
34	#6 X 3/4"	MEETING RAIL SCREWS FH		
35		SAFETY LOCK	RTG PROTECH	
36	#8 X 3/4"	SAFETY LOCK SCREW RH		
37	4560	INSTALLATION STRIP		ASTM A653 STEEL
38		1" IGU 5/32" TEMP-AIR-5/32" ANN - .090 DUPONT BUTACITE PVB-5/32" ANN.		
39	690-0032	SASH HANDLE EXTERIOR SERIES CD652	FASCO	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS.	08/04/08	R.L.
B	REVISED NOTES 4 AND 12	10/15/12	R.L.
C	REVISED PER MD COMMENTS	11/18/13	R.L.



FOR ILLUSTRATION PURPOSES ONLY
FOR INSTALLATION SEE SHEET 4

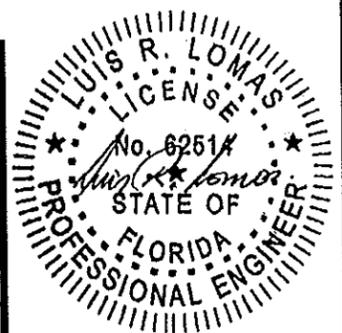
- NOTE:
- 1: WHITE PVC TO BE LABELED WITH AAMA CERTIFICATION LABEL, EXTRUDER NAME, CODE, CITY AND "MCCA".
 - 2: INSTALL ITEM 26 AS FOLLOWS
(6) EQUALLY SPACED AT CENTER JAMB LEG
(1) AT TOP & BOTTOM OF FIXED MEETING STILE

*ROYAL WINDOW & DOOR PROFILE
FORMER THERMOPLAST INC.

SIGNED: 11/18/2013

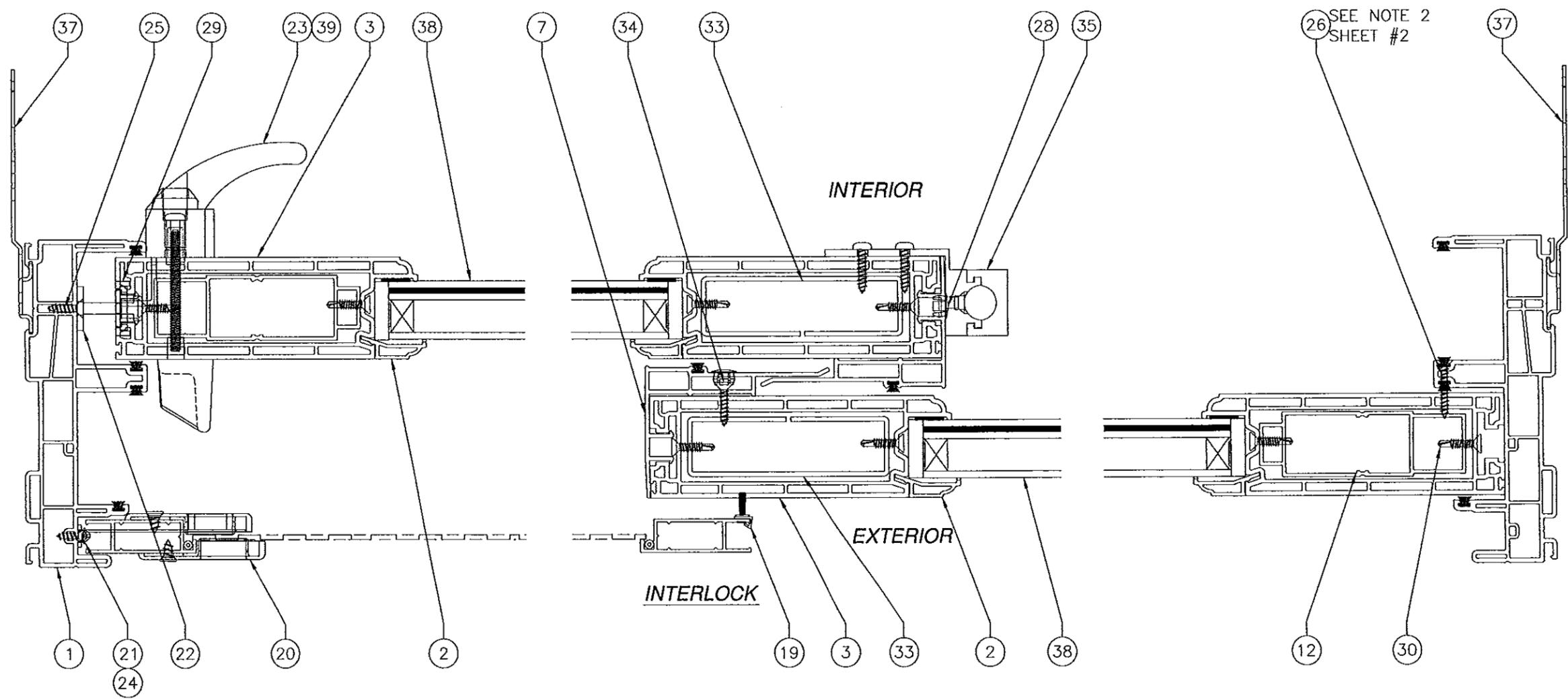
SECTION A-A

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 13-0805-06 Expiration Date 11/20/18 By <i>Luis R. Lomas</i> Miami Dade Product Control			KOLBE & KOLBE MILLWORK 1211 DEPOT ST MANAWA, WI 54949 V707SGD WHITE PVC SLIDING GLASS DOOR CROSS SECTION AND B.O.M.		
DRAWN:	DWG NO.	REV			
R.L.	FL 00339	C			
SCALE NTS	DATE 12/09/07	SHEET 2 OF 5			



FOR ILLUSTRATION PURPOSES ONLY
FOR INSTALLATION SEE SHEET 4

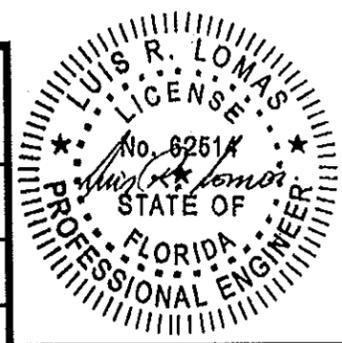
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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B	REVISED NOTES 4 AND 12	10/15/12	R.L.
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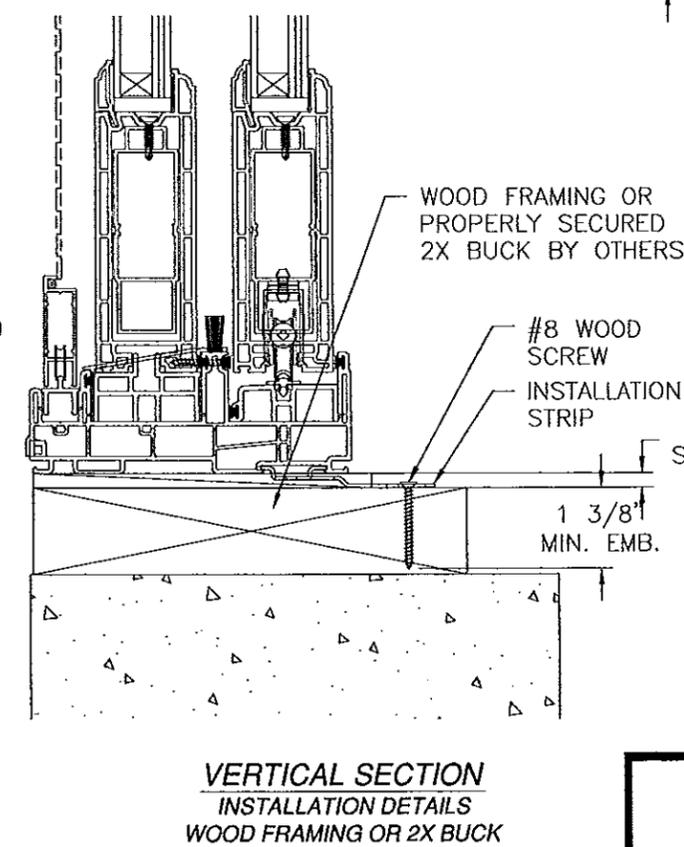
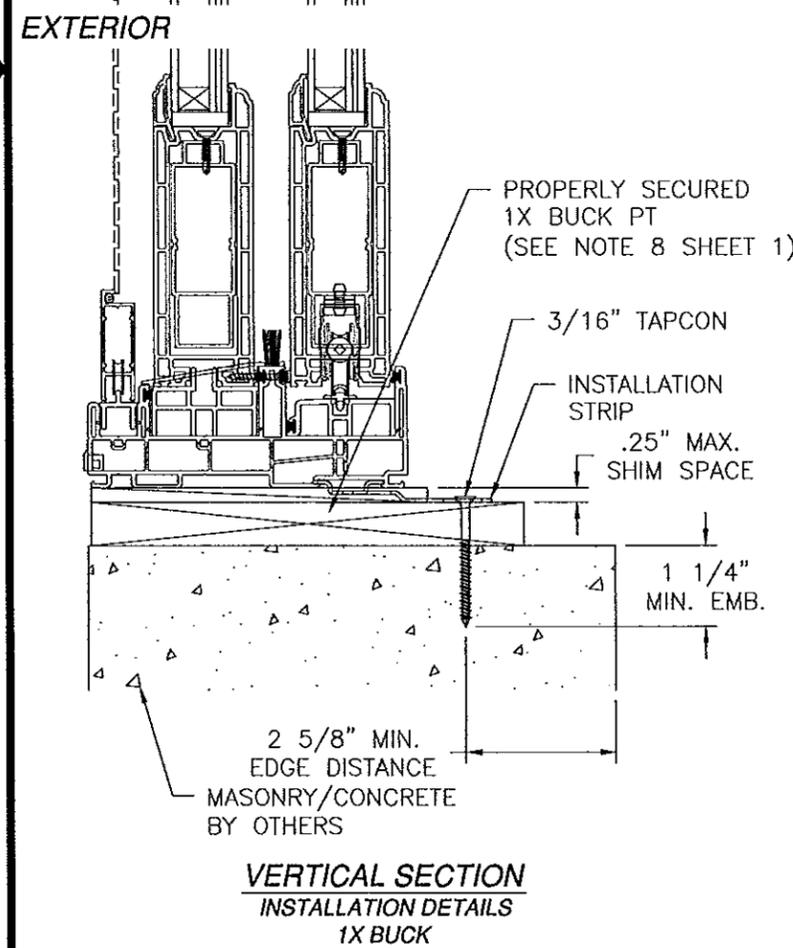
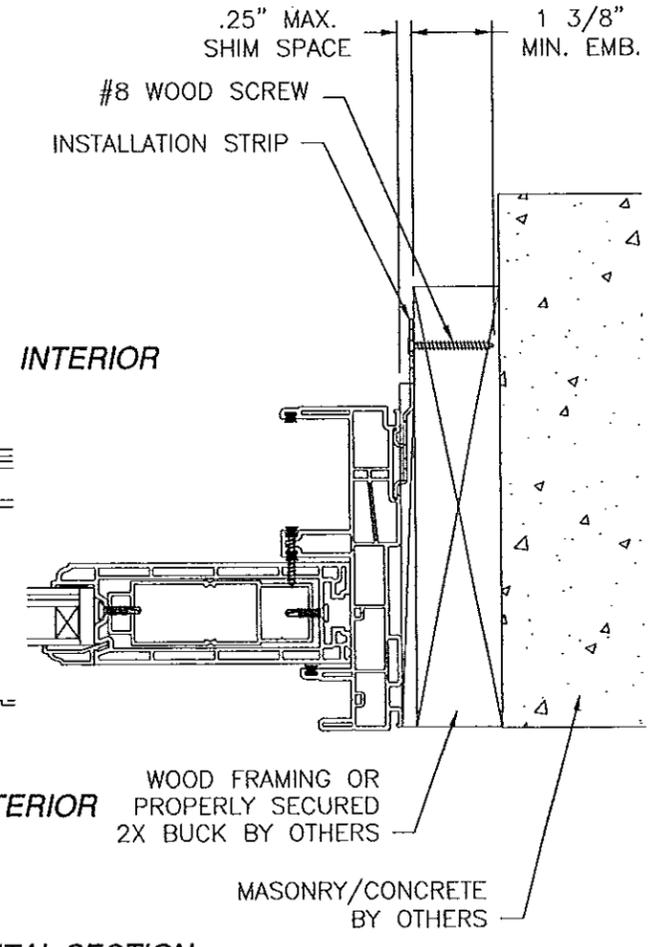
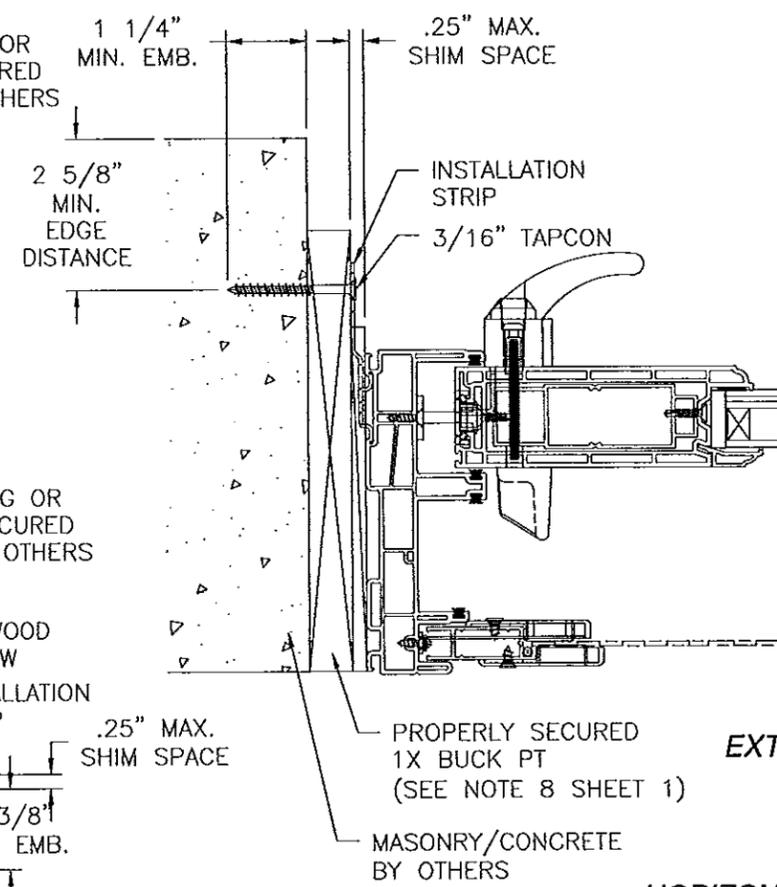
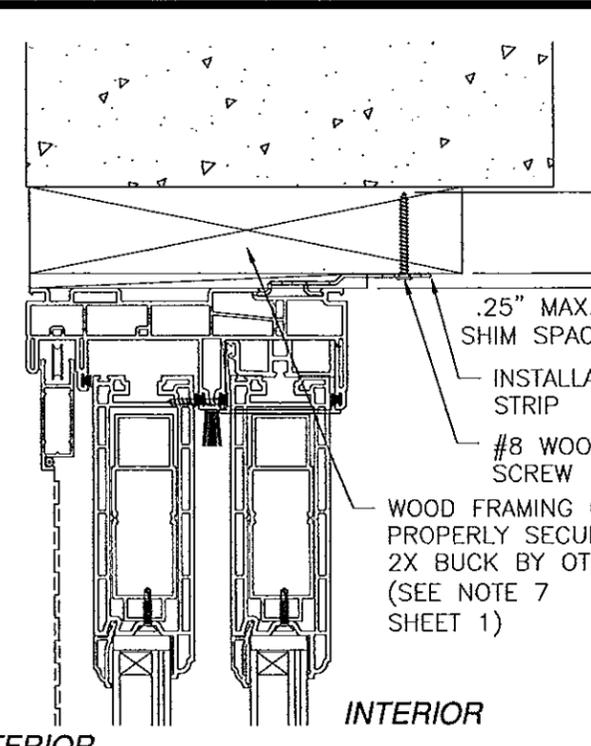
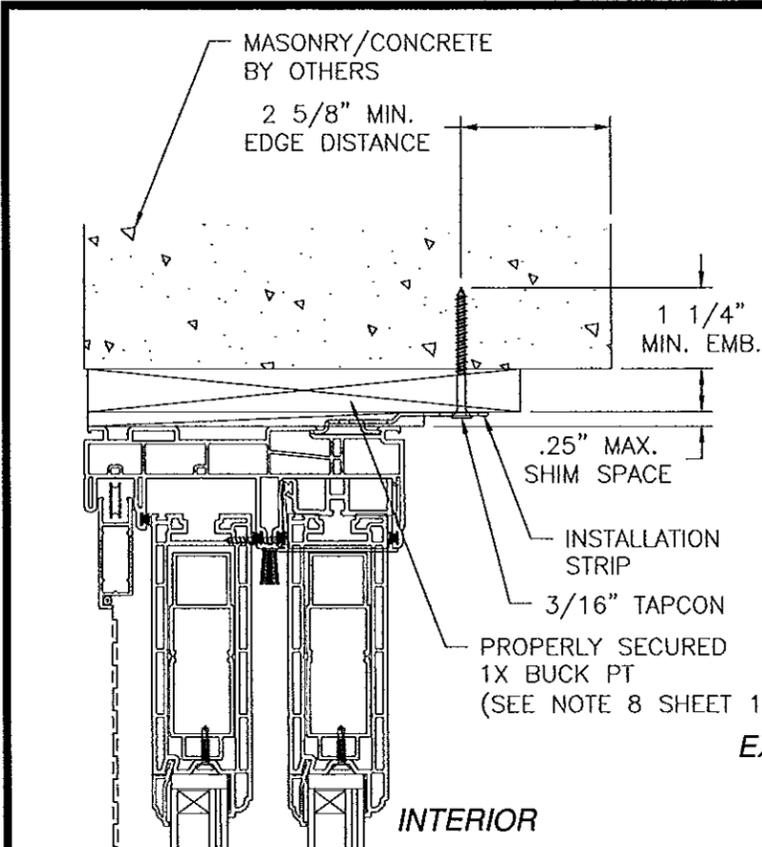
SECTION B-B

SIGNED: 11/18/2013

<p>PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 13-0805-06 Expiration Date 11/20/13</p> <p>By <i>Luis R. Lomas</i> Miami Dade Product Control</p>	<p>KOLBE & KOLBE MILLWORK 1211 DEPOT ST MANAWA, WI 54949</p>		
	<p>V707SGD WHITE PVC SLIDING GLASS DOOR CROSS SECTION</p>		
	<p>DRAWN: R.L.</p>	<p>DWG NO. FL 00339</p>	<p>REV C</p>
	<p>SCALE NTS</p>	<p>DATE 12/09/07</p>	<p>SHEET 3 OF 5</p>



REVISIONS			
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HORIZONTAL SECTION
INSTALLATION DETAILS
1X BUCK, WOOD FRAMING OR 2X BUCK

VERTICAL SECTION
INSTALLATION DETAILS
WOOD FRAMING OR 2X BUCK

VERTICAL SECTION
INSTALLATION DETAILS
1X BUCK

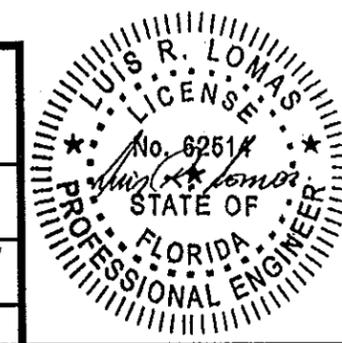
SIGNED: 11/18/2013

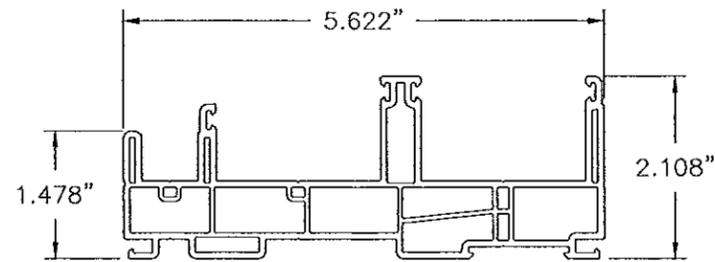
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0805-06
Expiration Date 11/2018
By *Shag Khan*
Maxi Dade Product Control

KOLBE & KOLBE MILLWORK
1211 DEPOT ST
MANAWA, WI 54949

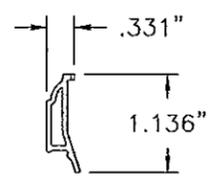
V707SGD WHITE PVC SLIDING GLASS DOOR
INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. FL 00339	REV C
SCALE NTS	DATE 12/09/07	SHEET 4 OF 5

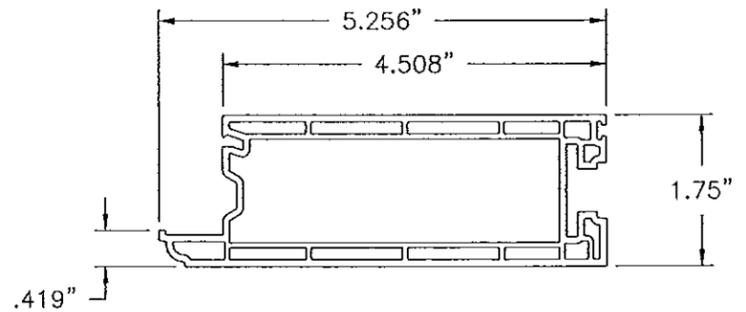




① **FRAME**
VINYL PVC .075 THICK

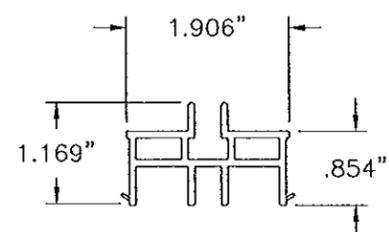


② **GLAZING BEAD**
VINYL PVC .055 THICK

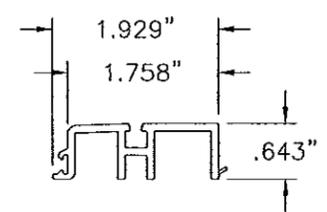


③ **SASH**
VINYL PVC .079 THICK

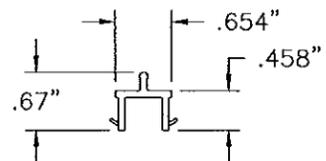
REVISIONS			
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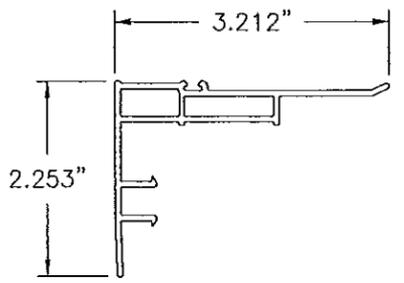
④ **SUPPORT BLOCK**
VINYL PVC .079 THICK



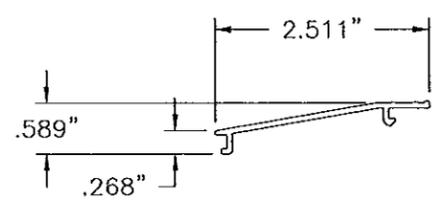
⑤ **SILL ADAPTER**
VINYL PVC .087 THICK



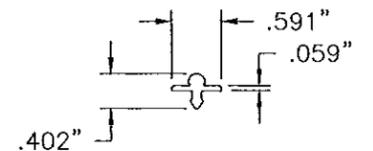
⑥ **SCREEN ADAPTER**
VINYL PVC .079 THICK



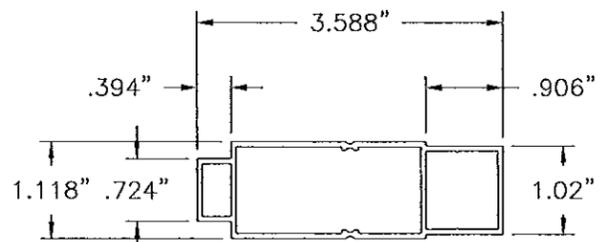
⑦ **SNAP-ON MEETING RAIL**
VINYL PVC .067 THICK



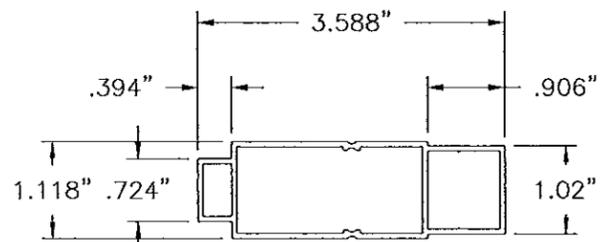
⑧ **SILL**
AL 6063-T5 .063 THICK



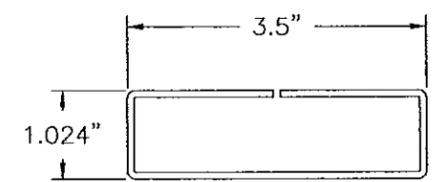
⑨ **SASH RAIL**
AL 6063-T5 .059 THICK



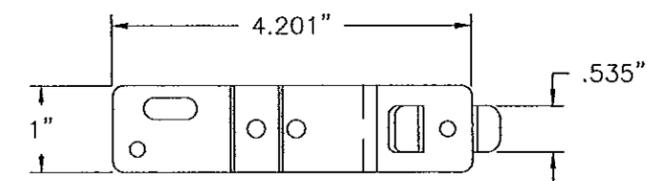
⑪ **ROLLER SUPPORT**
AL 6063-T5 .059 THICK



⑫ **SASH REINFORCEMENT**
AL 6063-T5 .059 THICK



⑬ **INTERLOCK REINFORCEMENT**
GALVANIZED STEEL ASTM A653 .079 THICK.



⑰ **INSTALLATION STRIP**
GALVANIZED STEEL ASTM A653 .059 THICK

SIGNED: 11/18/2013

<p>PRODUCT KEYSED as complying with the Florida Building Code Acceptance No. 13-0505-06 Expiration Date Nov 29, 2018 By <i>[Signature]</i> Miami Dade Product Control</p>	<p>KOLBE & KOLBE MILLWORK 1211 DEPOT ST MANAWA, WI 54949</p>		
	<p>V707SGD WHITE PVC SLIDING GLASS DOOR COMPONENTS</p>		
	<p>DRAWN: R.L.</p>	<p>DWG NO. FL 00339</p>	<p>REV C</p>
	<p>SCALE NTS</p>	<p>DATE 12/09/07</p>	<p>SHEET 5 OF 5</p>

