



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

NOTICE OF ACCEPTANCE (NOA)

WinDor, 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/ Reinforcements-L. M. Impact

APPROVAL DOCUMENT: Drawing No. **07-02-2231**, titled "8000 Series SGD-LMI", sheets 1 through 13 of 13, prepared by manufacturer, dated 03/01/07 and last revised on February 09, 2009 signed and sealed by Luis R. 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 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 & replaces** NOA # **07-0402.07** 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 08-1010.10

Expiration Date: November 18, 2012

Approval Date: April 01, 2009

Page 1



A
3/10/11

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS (transferred from file # 07-0402.07)

1. Manufacturer's die drawings and sections.
2. Drawing No. **07-02-2231**, titled "8000 Series SGD-LMI", sheets 1 through 13 of 13, prepared by manufacturer, dated 03/01/07 and last revised on February 09, 2009, signed and sealed by Luis R. Lomas, P.E.

B. TESTS (transferred from file # 07-0402.07)

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-210-3350-1**, dated 01/25/07 signed & sealed by Gerald J, Ferrara, P.E.

(Note: This test report has been revised by addendum letters August 28, 2007, issued by National Certified Testing Laboratories Inc, signed & sealed by Gerald J, Ferrara, P.E.)

C. CALCULATIONS

1. Anchor verification calculations complying w/ FBC-2007, dated 09-18-08 and last revised on 02-09-2009, 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

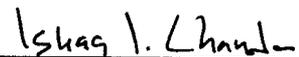
1. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont DeNemours, for "DuPont Butacite ® PVB", expiring on 12/11/2010
2. Notice of Acceptance No. **06-0216.06** issued to Solutia, for "Saflex IIIg clear & color interlayer", expiring on 05/21/2011
3. Notice of Acceptance No. **08-0514.08** issued to Solutia, for "Vanceva Composite interlayer", expiring on 12/11/2013

F. STATEMENTS

1. Statement letters of conformance and "No financial interest", both dated Sep. 23, 2008, signed and sealed by Luis R. Lomas, P.E.
2. Statement letter dated 11/24/2008, issued by Windor, acknowledging use of proper Vanceva & SGP laminate thickness for LMI use, signed by Russell T. Traficante.
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 & replaces** NOA # **07-0402.07**, expiring Nov. 18, 2012.
2. Test Proposal **06-0152**, approved by BCCO.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 08-1010.10

Expiration Date: November 01, 2012

Approval Date: April 01, 2009

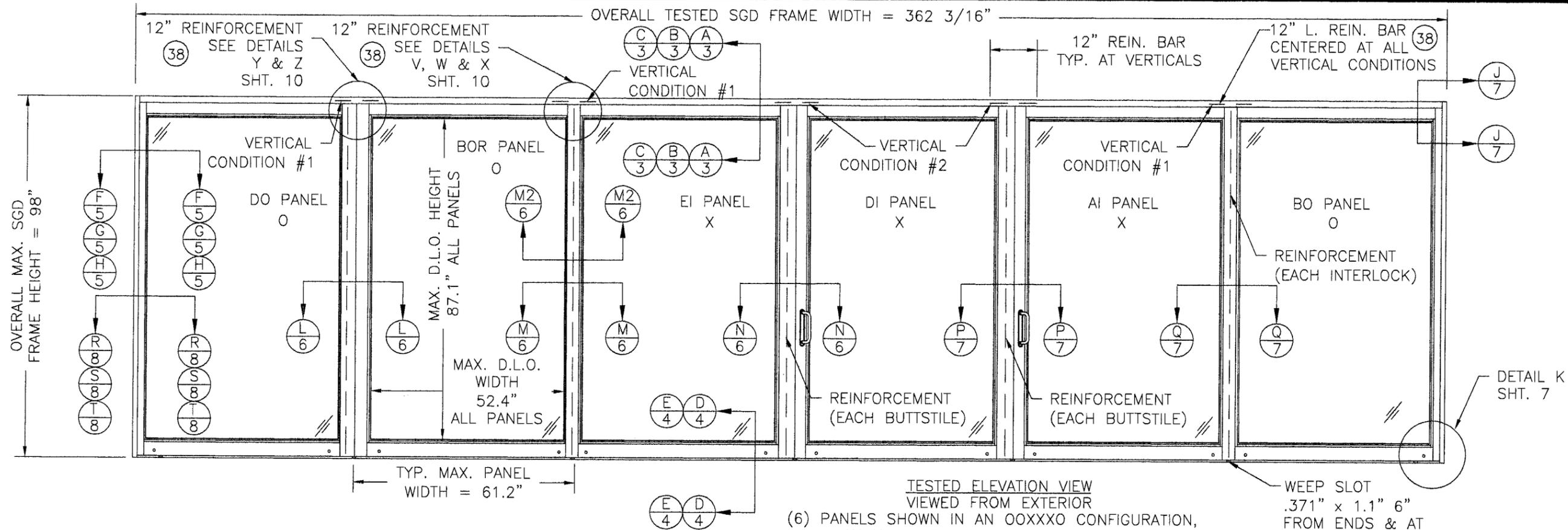


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2	ANCHORING LAYOUT & NOTES
3	2T WS/NS VERTICAL CROSS SECTIONS
4	2T WS/2T NS VERTICAL CROSS SECTIONS
5	2T WS/NS HORIZONTAL CROSS SECTIONS
6	VERTICAL CONDITIONS HORIZONTAL CROSS SECTIONS
7	VERTICAL CONDITIONS HORIZONTAL CROSS SECTIONS
8	VERTICAL CONDITIONS HORIZONTAL CROSS SECTIONS
9	GLAZING DETAILS
10	HEADER REINFORCEMENT BAR DETAILS
11	BILL OF MATERIALS & UNIT COMPONENTS
12	UNIT COMPONENTS
13	UNIT COMPONENTS

GENERAL NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, INCLUDING THE HVHZ.
- 2) 1X OR 2X BUCK TO BE ENGINEERED SEPARATELY AND CAPABLE OF TRANSFERRING LOAD IMPOSED TO THE SUBSTRATE.
- 3) MASONRY/CONCRETE, 1X OR 2X WOOD BUCK, 20 GAUGE STEEL FRAMING WITH 2X WOOD BACKING, ALL FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE, BUCK OR FRAMING IS RESPONSIBILITY OF ARCHITECT OF RECORD.
- 4) PRODUCTS ARE APPROVED FOR USE WHERE LARGE MISSILE IMPACT RESISTANCE IS REQUIRED. IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR INSTALLATION OF THIS PRODUCT.
- 5) OVERALL FINISHED UNIT WIDTH IS NOT LIMITED TO THE OVERALL TESTED WIDTH OF 362 1/2".
- 6) ALL UNITS MUST BE REINFORCED AS SHOWN IN VERTICAL AND HORIZONTAL CROSS SECTIONS.

ALUMINUM REINFORCED SGD-LMI

MAXIMUM DESIGN PRESSURE RATING	
POSITIVE	+100.0 PSF
NEGATIVE	-130.0 PSF

DO PANEL = 61 5/16" x 96 1/16"
 BOR PANEL = 61 3/8" x 96 1/16"
 EI PANEL = 62 1/16" x 96 1/16"
 DI PANEL = 61 1/16" x 96 1/16"
 AI PANEL = 61 3/8" x 96 1/16"
 BO PANEL = 61 5/16" x 96 1/16"

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No 08-1010.10
 Expiration Date 12/15/2012
 By Ishag L. Chaudhry
 Miami Dade Product Control Division

SHEET	REV	DESCRIPTION	DATE	BY
1-13	D	REVISED PER DADE LETTER DATED 01/22/09	01/26/09	TJH
1-13	C	REVISED PER DADE LETTER DATED 11/09/08	11/19/08	TJH
1-13	B	Updated to current Florida Building Code	07/23/08	TJH
1	A	Corrected per Dade county letter dated May 13, 2007	08/17/07	DRL
REVISIONS				

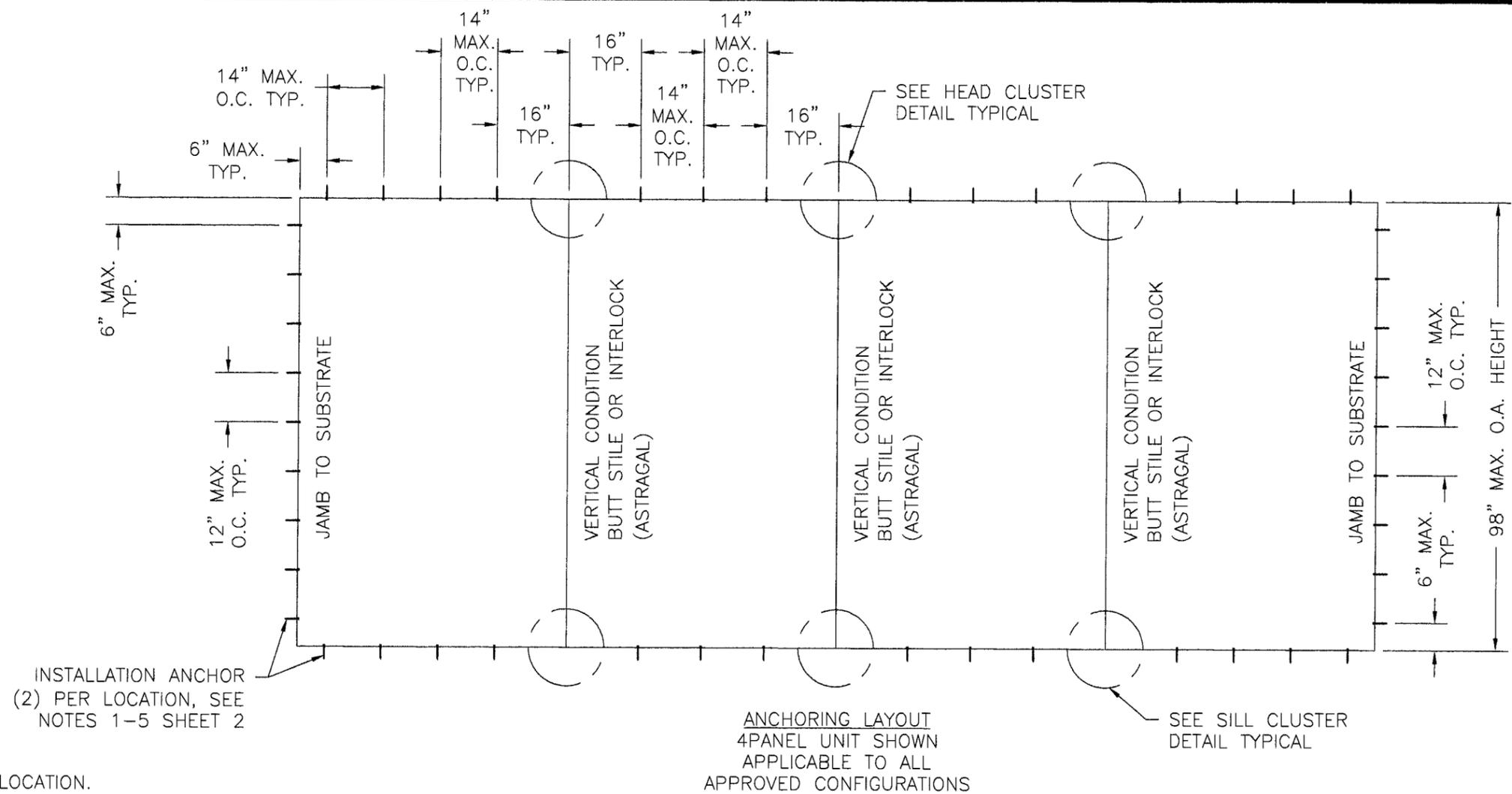
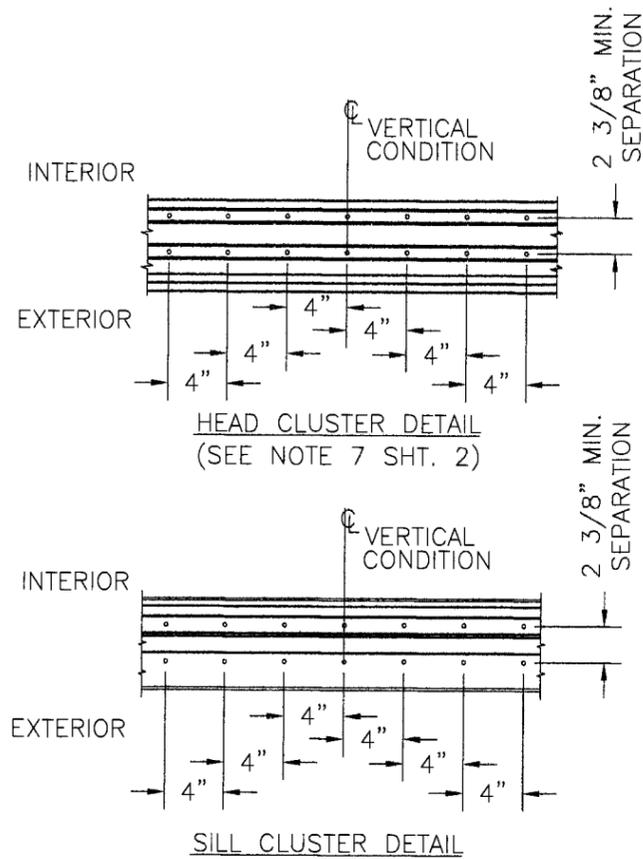
LUIS R. LOMAS P.E.
Luis R. Lomas
 2/4/09
 FLORIDA REGISTRATION NO. 62514

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

Dwg Title:
 8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH 5'0 x 8'2 PANELS - ELEVATION & GENERAL NOTES

SIZE	Drn By:	DWG NO.	REV
B	TJH	07-02-2231	D

SCALE N.T.S. DATE: 03/01/07 SHEET 1 of 13



- NOTES:
1. THERE ARE (2) INSTALLATION ANCHORS AT EACH ANCHOR LOCATION.
 2. FOR 2X WOOD FRAME INSTALLATION: ANCHORS ARE TO BE #14 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1 1/2" INTO (2) 2X FRAMING.
 3. FOR 1X BUCK OVER MASONRY/CONCRETE INSTALLATION: HEAD AND JAMB ANCHORS ARE TO BE 1/4" DIA. ELCO CRETE-FLEX SS4 MASONRY SCREW OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1 1/4" INTO MASONRY/CONCRETE. (1X BUCK TO BE PROPERLY SECURED)
 4. FOR SILL DIRECTLY TO MASONRY/CONCRETE INSTALLATION: ANCHORS ARE TO BE 1/4" DIA. ELCO CRETE-FLEX SS4 MASONRY SCREW OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1 1/4" INTO MASONRY/CONCRETE.
 5. FOR WOOD BACKED STEEL FRAME INSTALLATION: ANCHORS ARE TO BE #14 WOOD SCREW OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF 1 1/2" INTO 2X FRAMING.
 6. 1/4" MAX. SHIM AS REQUIRED AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS OR BETTER. SHIM FROM FRONT EDGE TO BACK EDGE TO FULLY SUPPORT FRAME. SHIM WHERE A SPACE GREATER THAN 1/16" IS PRESENT, (MAXIMUM 1/4" SHIM).
 7. ANCHORS AT HEAD CLUSTER MUST BE FLAT HEAD. REFER TO HEAD CLUSTER DETAIL.

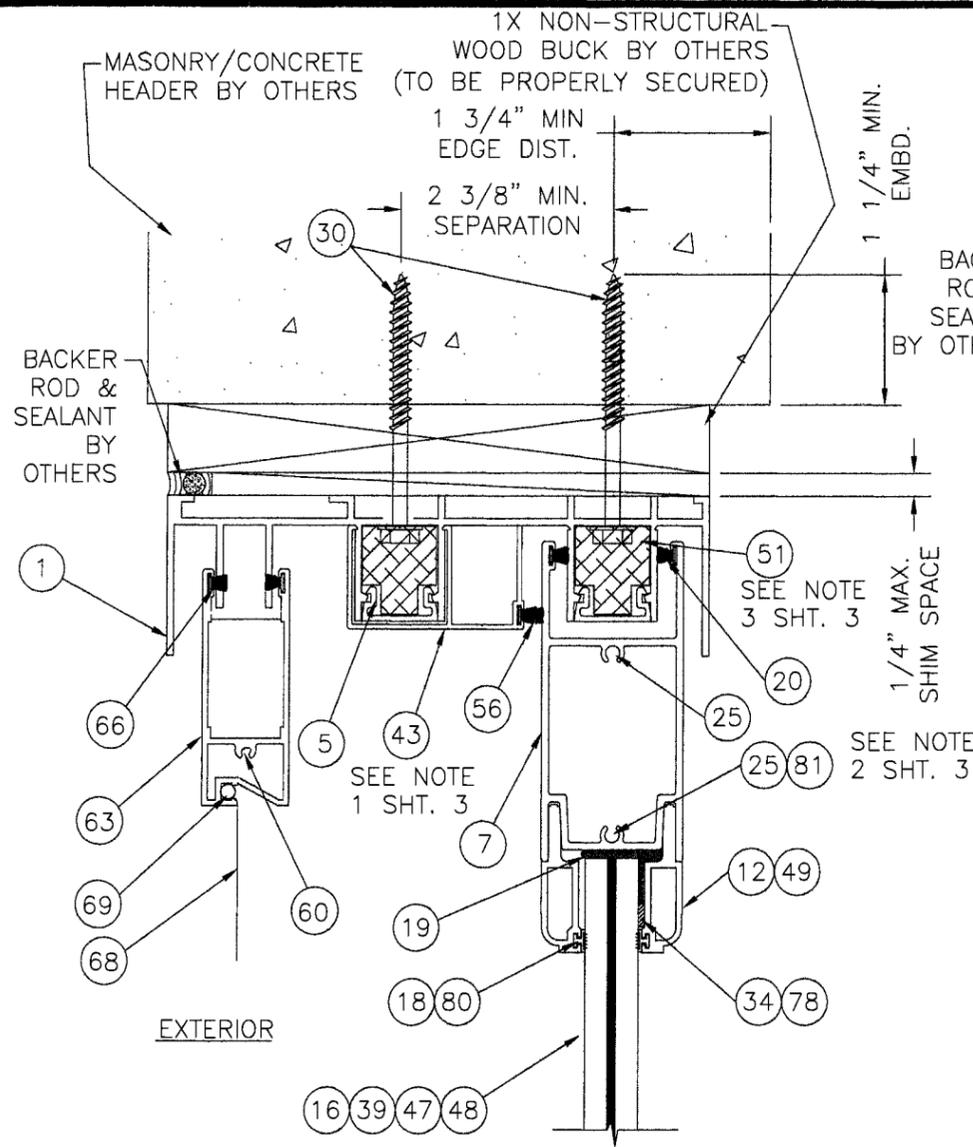
PANEL CONSTRUCTION NOTE:
EACH PANEL HAS COPED AND BUTTED CORNERS. EACH CORNER IS FASTENED TOGETHER WITH (2) #10 SS PAN HEAD SCREWS, BILL OF MATERIALS ITEM #25 AND #81. SEE NOTE 2 SHT. 3 AND NOTE 3 SHT. 5.

FRAME CONSTRUCTION NOTE:
EACH FRAME CORNER IS NOTCHED AND BUTTED AND IS SECURED TOGETHER WITH (2) #8 x 5/8" PHILLIPS PAN HEAD TYPE F SS SCREWS, BILL OF MATERIALS ITEM #26.

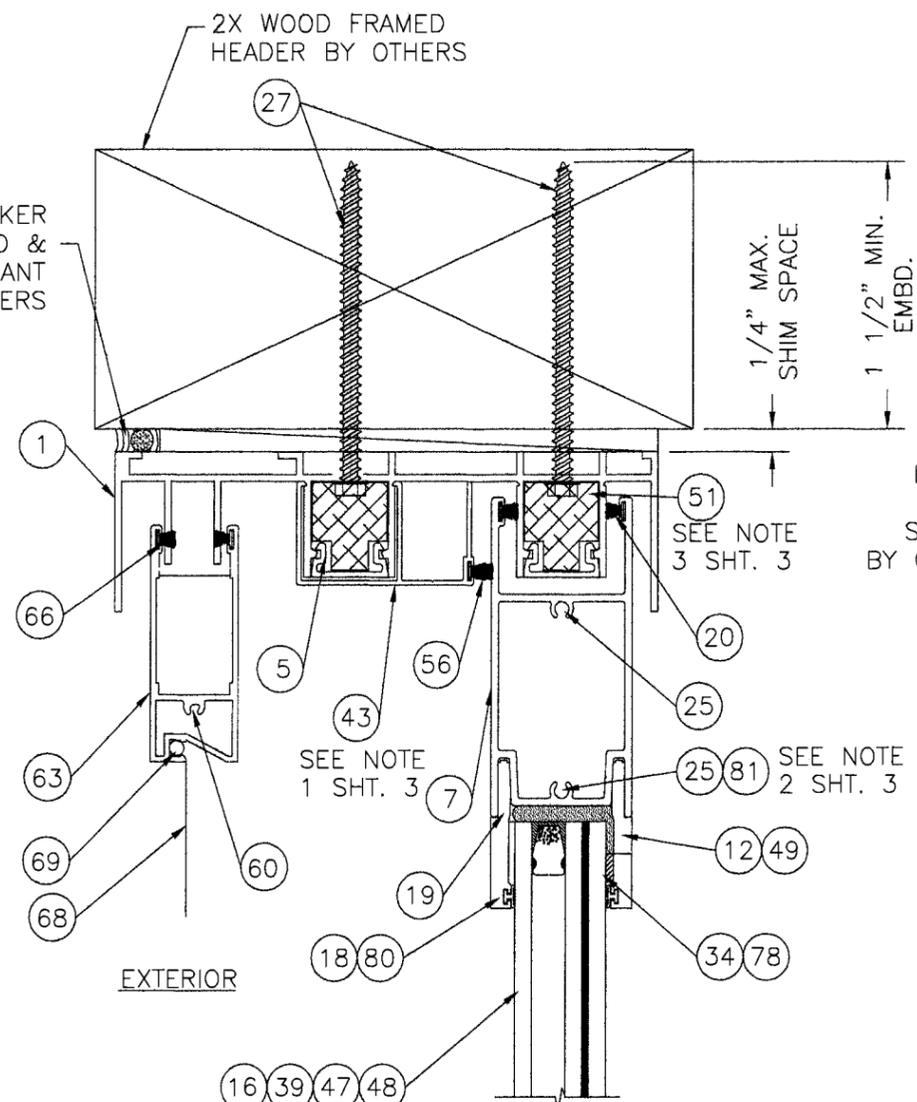
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 08-1010-10
Expiration Date NOV 18, 2012
By Luis R. Lomas
Miami Dade Product Control Division

SHEET	REV	DESCRIPTION	DATE	BY
1-13	D	REVISED PER DADE LETTER DATED 01/22/09	01/26/09	TJH
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1-13	B	Updated to current Florida Building Code	07/23/08	TJH
2	A	Corrected per Dade county letter dated May 13, 2007	08/17/07	DRL
REVISIONS				

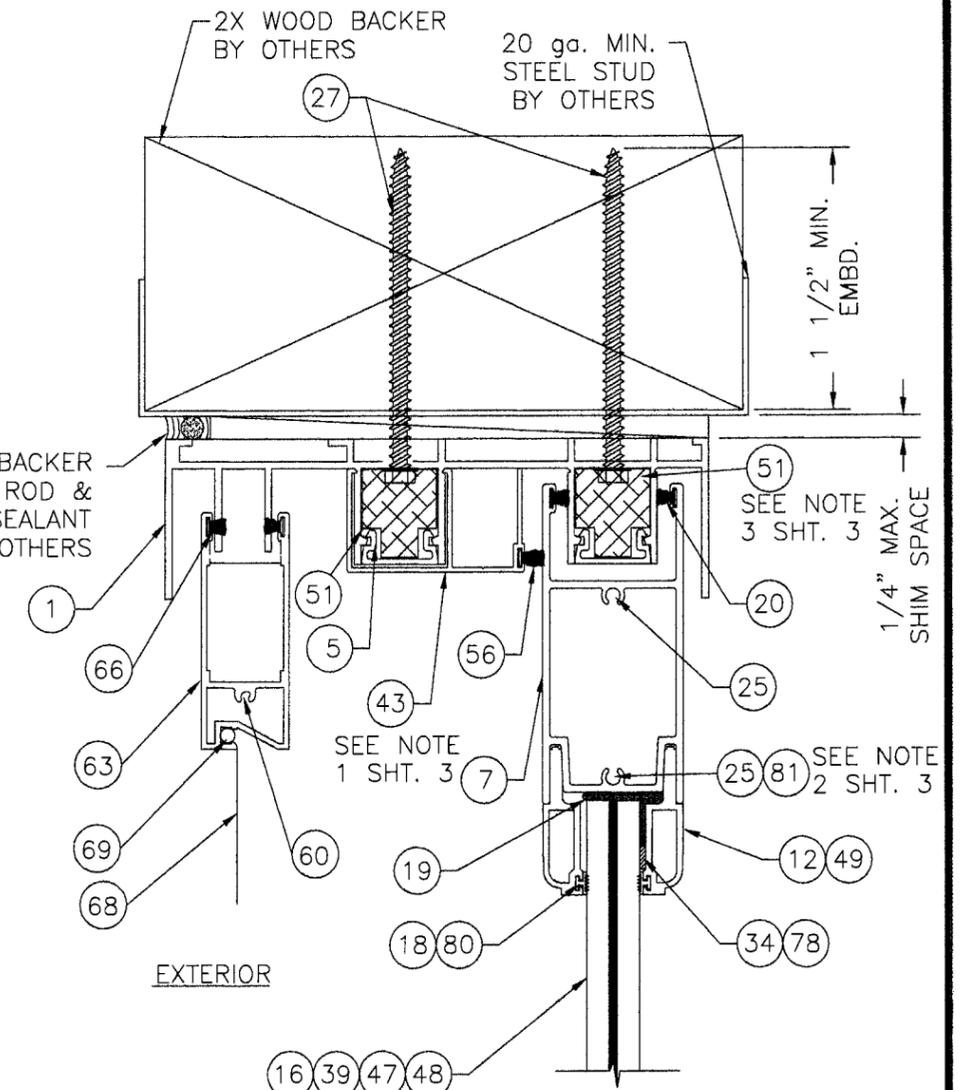
LUIS R. LOMAS P.E. <i>Luis R. Lomas</i> 2/9/09		WinDoor INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
Dwg Title: 8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH 5'0 x 8'2 PANELS - ANCHORING LAYOUT & NOTES					
SIZE	Drn By:	DWG NO.	REV		
B	TJH	07-02-2231	D		
SCALE	N.T.S.	DATE:	03/01/07	SHEET	2 of 13



A-A VERTICAL CROSS SECTION
 2T WS/NS ON 1X NON-STRUCTURAL WOOD BUCK
 TO MASONRY/CONCRETE HEAD
 (1X BUCK TO BE PROPERLY SECURED)



B-B VERTICAL CROSS SECTION
 2T WS/NS ON 2X WOOD FRAMED HEAD



C-C VERTICAL CROSS SECTION
 2T WS/NS ON 2X WOOD BACKED
 STEEL STUD HEAD

NOTES:

- ITEM #43, HEAD COVER, IS USED WITH ITEM #42, SILL COVER, TO SECURE MULTIPLE OR SINGLE FIXED PANELS INTO PLACE. DEPENDING ON THE CONFIGURATION BEING INSTALLED ITEM #43 AND #42 MAY BE REPLACED WITH ITEM #37, #8-3/4" PAN HEAD TEK SCREW TO SECURE FIXED PANEL TO FIXED PANEL OR FIXED PANEL TO JAMB AS SHOWN IN SECTIONS ON SHEETS 3, 4, 5 & 6. (SEE NOTE SHEETS 5 & 6).
- ON ALL INTERLOCK PANELS ONLY TOP RAIL ATTACHMENT TO THE INTERLOCK STILE, THE BOTTOM ASSEMBLY SCREW MUST BE ITEM #81.
- SEE DETAILS V, W, X, Y & Z ON SHEET 10 FOR INSTALLATION OF ITEM #51, H.P. HEAD REINFORCEMENT BAR.

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3	A	Corrected per Dade county letter dated May 13, 2007	08/17/07	DRL
REVISIONS				

LUIS R. LOMAS P.E.
Luis R. Lomas
 2/9/09
 FLORIDA REGISTRATION NO. 62514

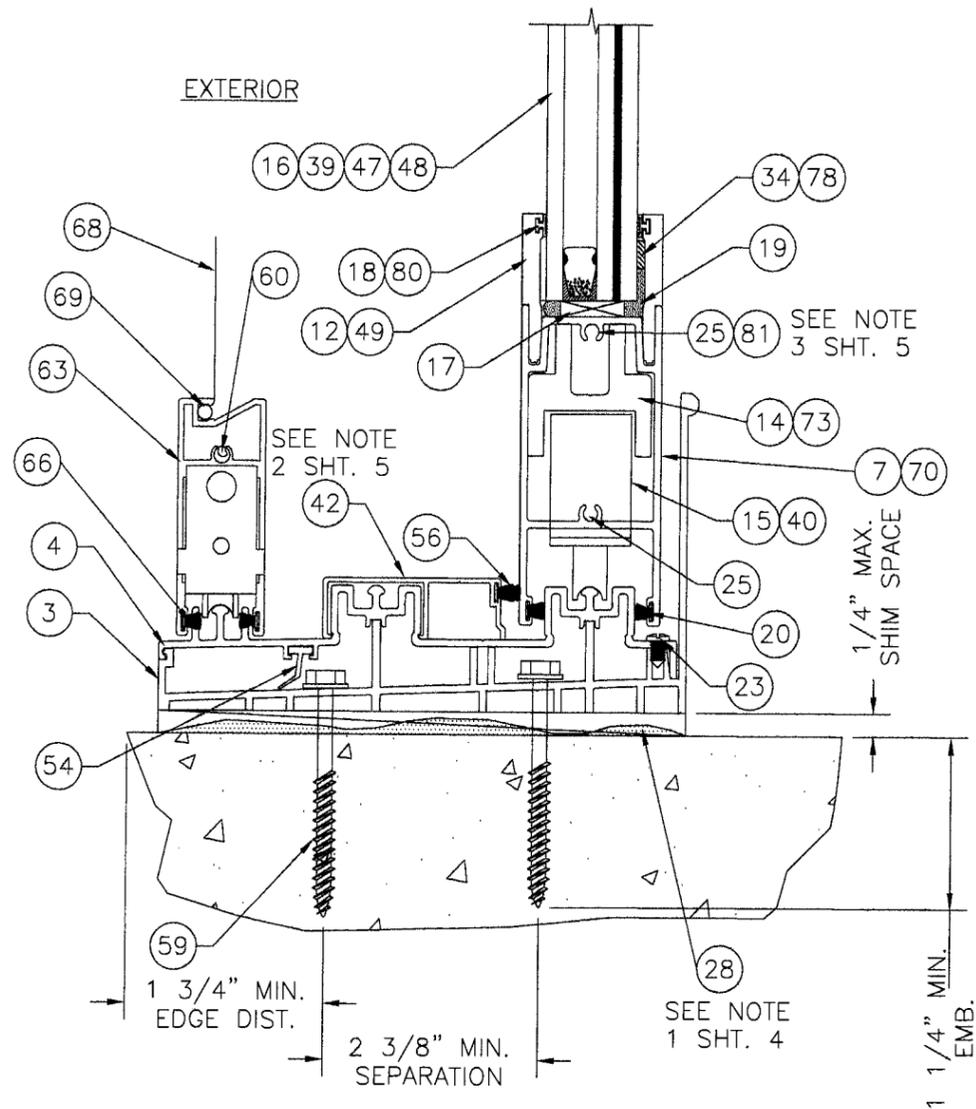
WinDoor
 INCORPORATED
 7500 AMSTERDAM DRIVE
 ORLANDO, FL 32832
 Phone: 407.481.8400
 Fax: 407.481.0505
 www.windoorinc.com

Dwg Title:
 8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH
 5'0 x 8'2 PANELS - 2T WS/NS VERTICAL SECTIONS

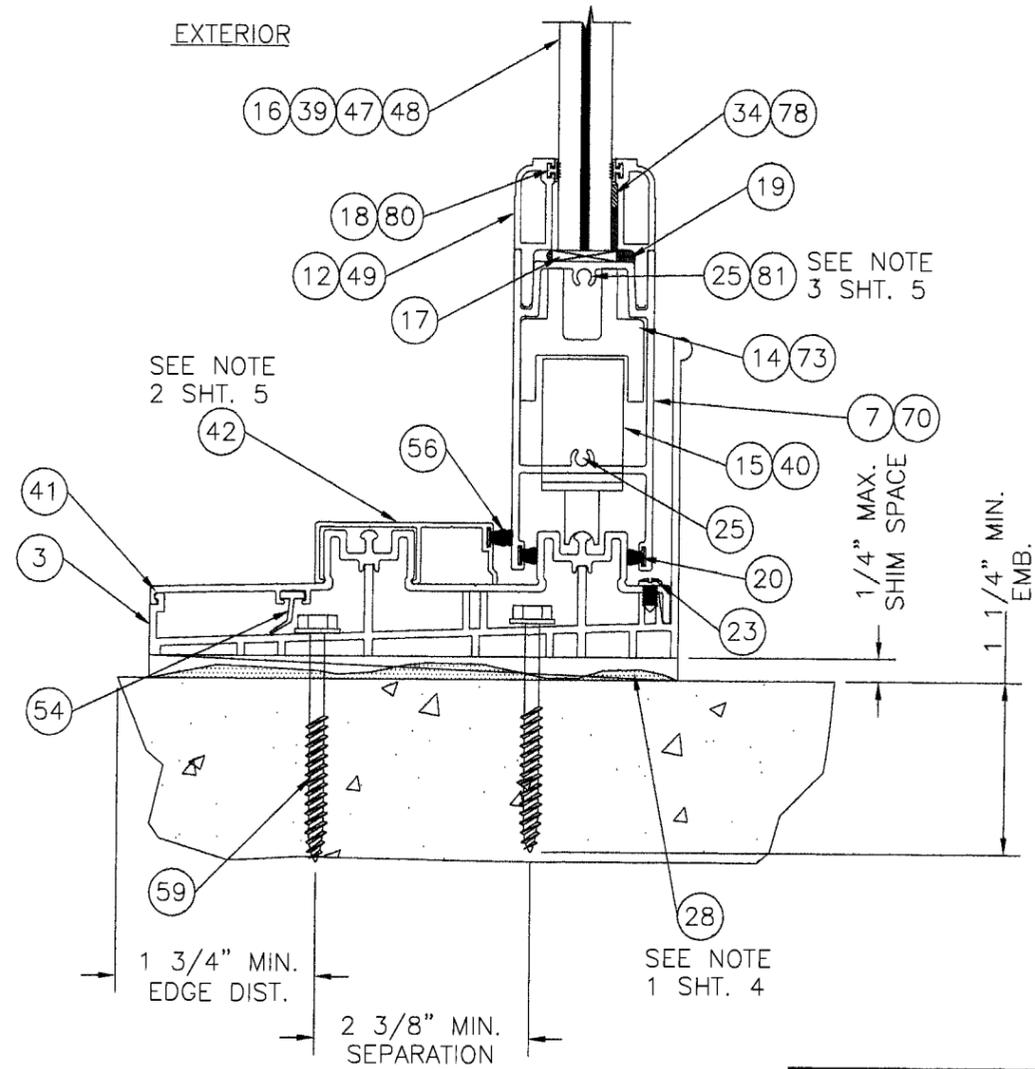
SIZE	Drn By:	DWG NO.	REV
B	TJH	07-02-2231	D

SCALE N.T.S. DATE: 03/01/07 SHEET 3 of 13

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 08-1010.10
 Expiration Date: 06/18/2012
 By: *Ishag I. Chande*
 Miami Dade/Product Control
 Division



D-D VERTICAL CROSS SECTION
2T WS TO MASONRY/CONCRETE SLAB



E-E VERTICAL CROSS SECTION
2T NS TO MASONRY/CONCRETE SLAB

NOTES:

1. SILL SHIM MUST BE SET IN A FULL BED OF APPROVED SEALANT OR NON-SHRINK HIGH STRENGTH GROUT.
2. ITEM #42, SILL COVER, IS USED WITH ITEM #43, HEAD COVER, TO SECURE MULTIPLE OR SINGLE FIXED PANELS INTO PLACE. DEPENDING ON THE CONFIGURATION BEING INSTALLED ITEM #42 AND #43 MAY BE REPLACED WITH ITEM # 37, #8-3/4" PAN HEAD TEK SCREW TP SECURE FIXED PANEL TO FIXED PANEL OR FIXED PANEL TO JAMB, AS SHOWN IN SECTIONS ON SHEETS 3, 4, 5 & 6. (SEE NOTE SHEETS 5 & 6).
3. ON ALL INTERLOCK PANELS ONLY BOTTOM RAIL ATTACHMENT TO THE INTERLOCK STILE, THE TOP ASSEMBLY SCREW MUST BE ITEM #81.

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4	A	Corrected per Dade county letter dated May 13, 2007	08/17/07	DRL
REVISIONS				

LUIS R. LOMAS P.E.
Luis R. Lomas
 2/9/09
 FLORIDA REGISTRATION NO. 62514

WinDoor
INCORPORATED

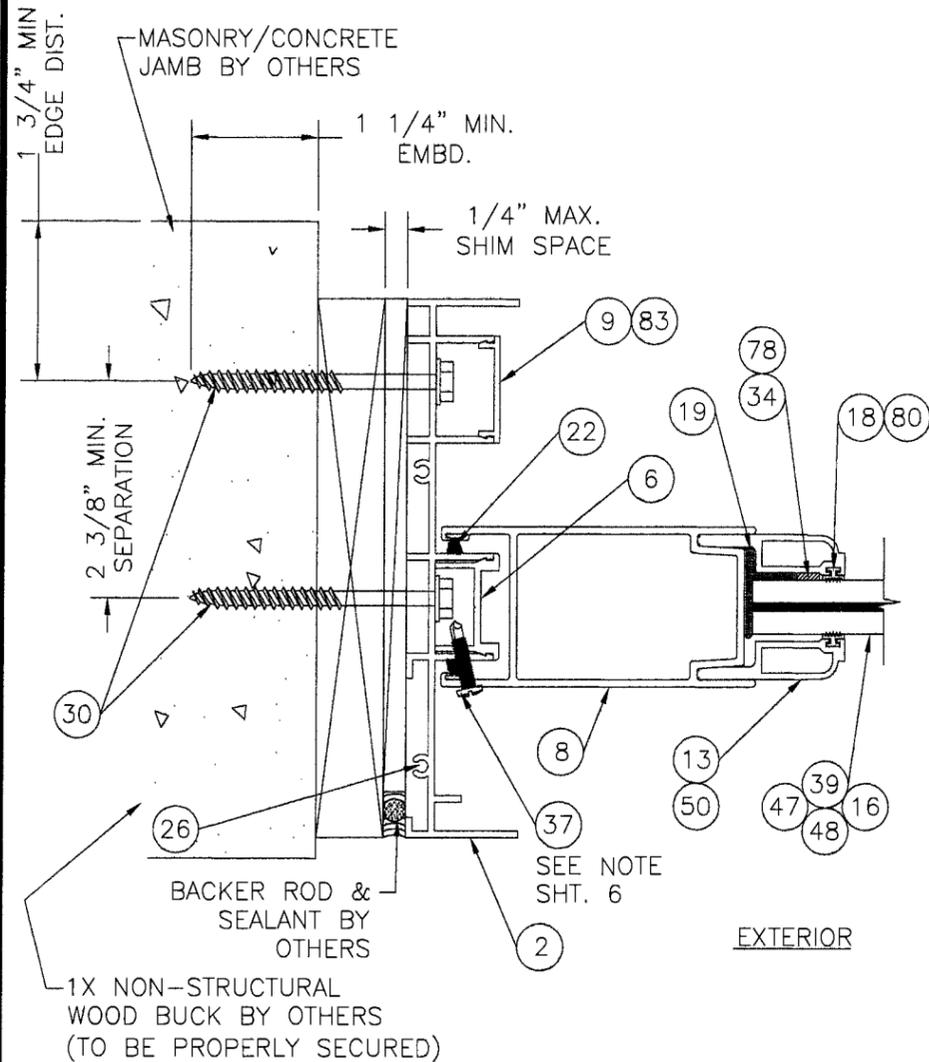
7500 AMSTERDAM DRIVE
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Phone: 407.481.8400
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Dwg Title:
8000 SERIES SGD LM! 2T WS/NS RETRO SILL WITH 5'0 x 8'2 PANELS - 2T WS/2T NS VERT SECTIONS

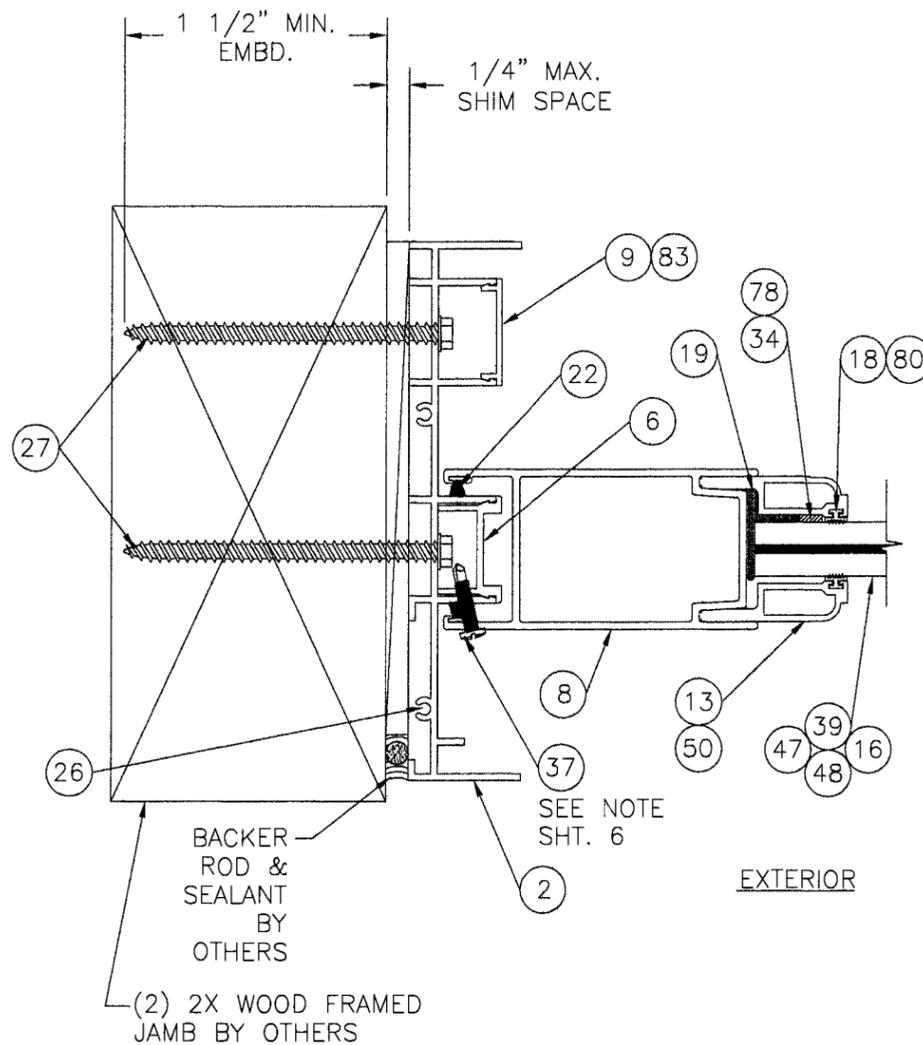
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B	TJH	07-02-2231	D

SCALE N.T.S. DATE: 03/01/07 SHEET 4 of 13

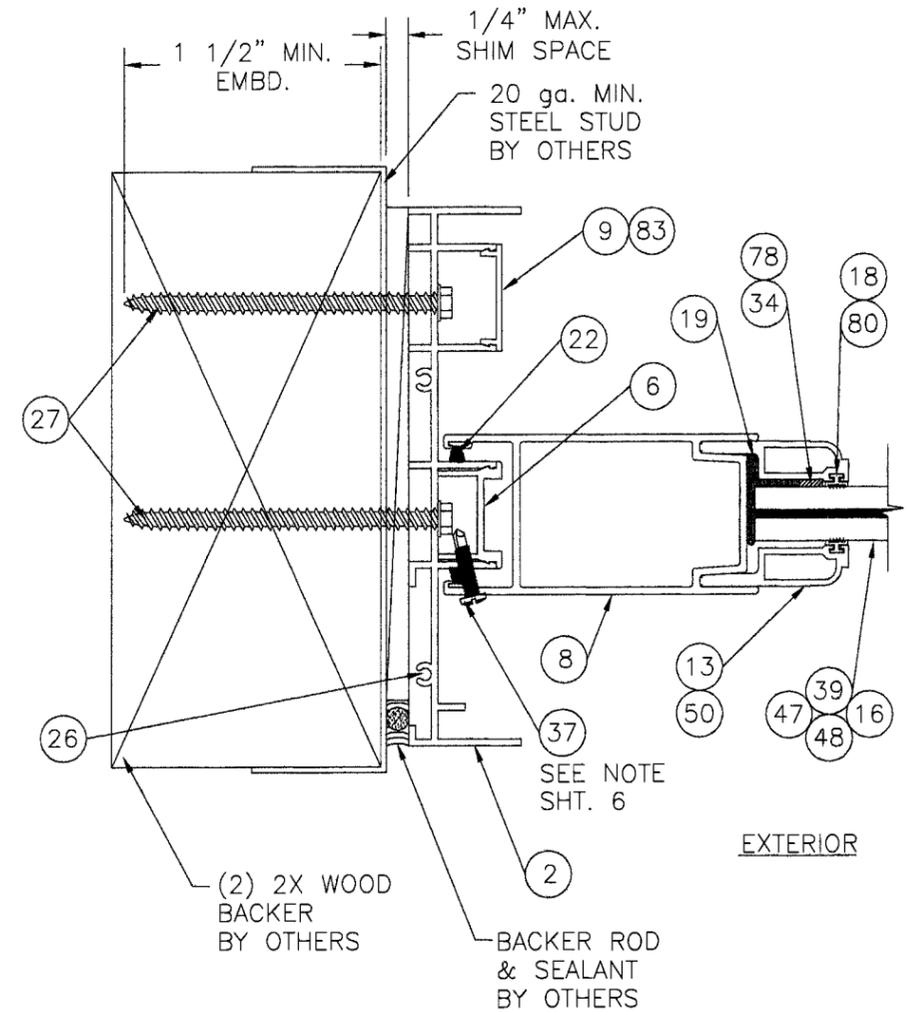
PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. *08-1010-10*
Expiration Date *Nov 19, 2012*
By *Luis R. Lomas*
Miami Dade Product Control Division



F-F HORIZONTAL CROSS SECTION
 2T WS/NS ON 1X NON-STRUCTURAL WOOD BUCK TO MASONRY/CONCRETE JAMB
 (1X BUCK TO BE PROPERLY SECURED)



G-G HORIZONTAL CROSS SECTION
 2T WS/NS ON 2X WOOD FRAMED JAMB



H-H HORIZONTAL CROSS SECTION
 2T WS/NS ON 2X WOOD BACKED STEEL STUD JAMB

NOTE: (FIXED PANEL TO FRAME JAMB)
 ITEM #37, #8 x 3/4" SELF TAPPING TEK SCREW IS USED TO SECURE THE FIXED PANEL IN PLACE. (4) SCREWS ARE REQUIRED, 6" FROM TOP AND BOTTOM OF PANEL AND (2) MORE EQUALLY SPACED. IN THIS CONDITION ONLY (1) SET OF SCREWS IS REQUIRED. SCREWS ARE SHOWN ON THE EXTERIOR FACE OF THE UNIT, BUT CAN BE INSTALLED ON THE INTERIOR FACE INSTEAD. DEPENDING ON THE CONFIGURATION BEING INSTALLED ITEM #37 MAYBE REPLACED WITH ITEM #43, HEAD COVER, AND ITEM #42, SILL COVER, SEE CROSS SECTIONS ON SHEETS 3, 4, 5 & 6. (ALSO SEE NOTE SHEET 6).

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REVISIONS				

LUIS R. LOMAS P.E.

 2/9/09
 FLORIDA REGISTRATION NO. 62514

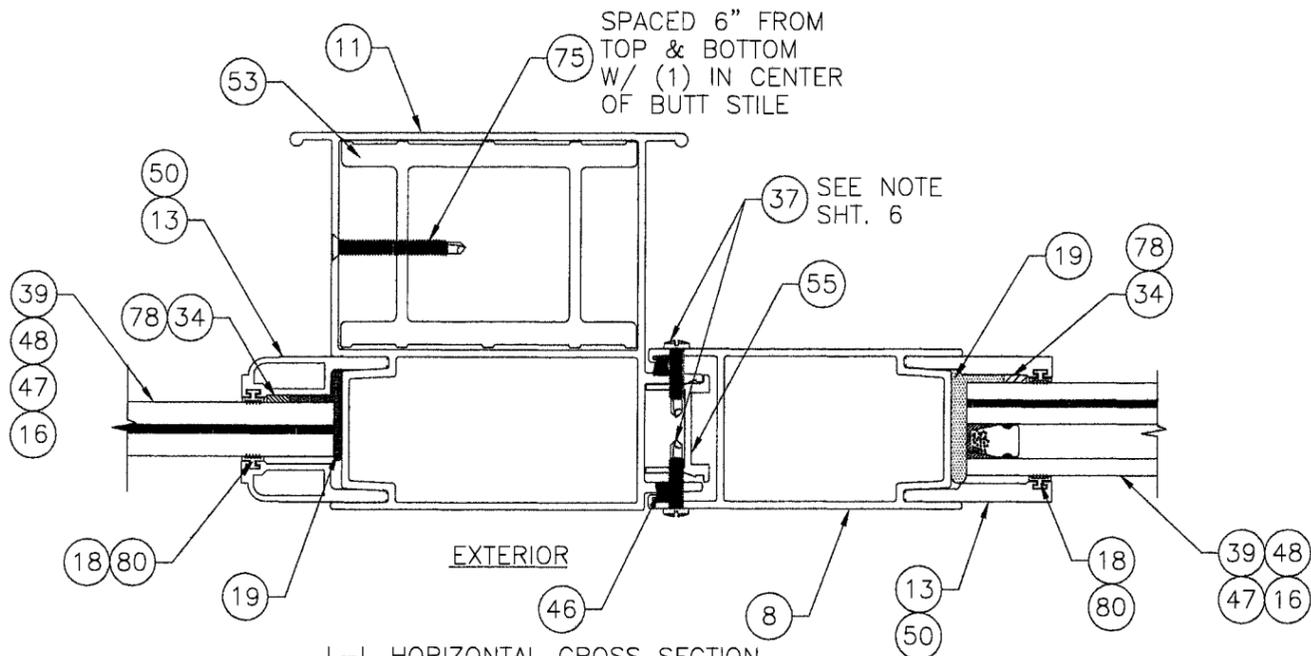
WinDoor INCORPORATED
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Dwg Title:
 8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH 5'0 x 8'2 PANELS - 2T WS/NS HORIZONTAL SECTIONS

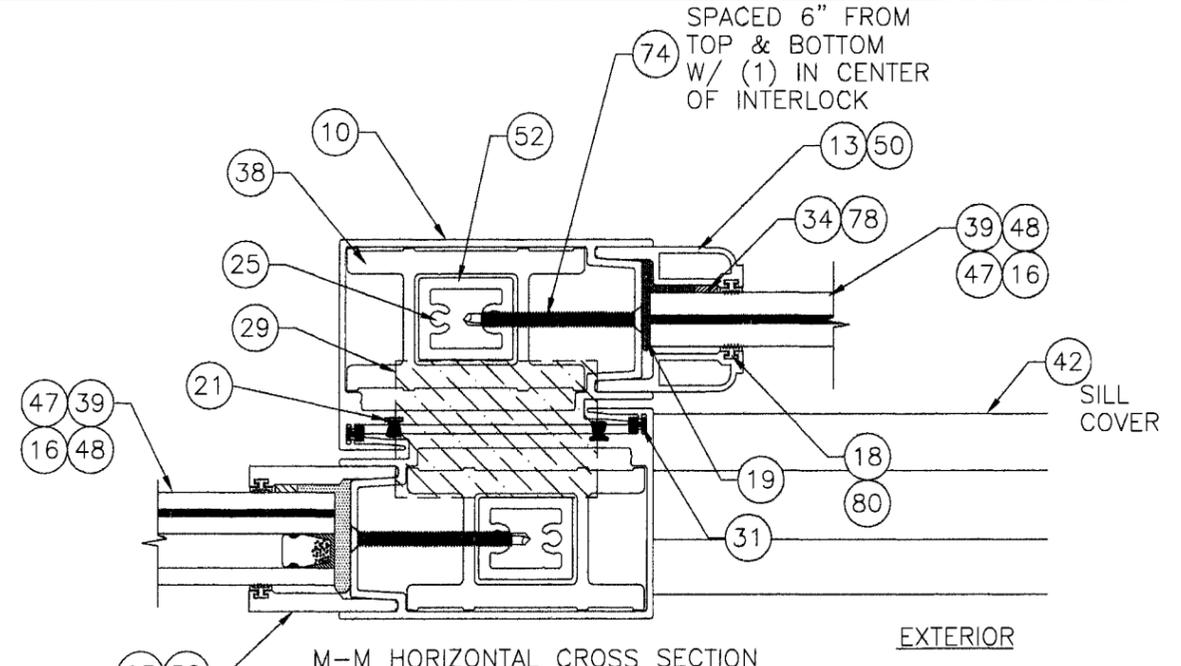
SIZE	Drn By:	DWG NO.	REV
B	TJH	07-02-2231	D

SCALE N.T.S. DATE: 03/01/07 SHEET 5 of 13

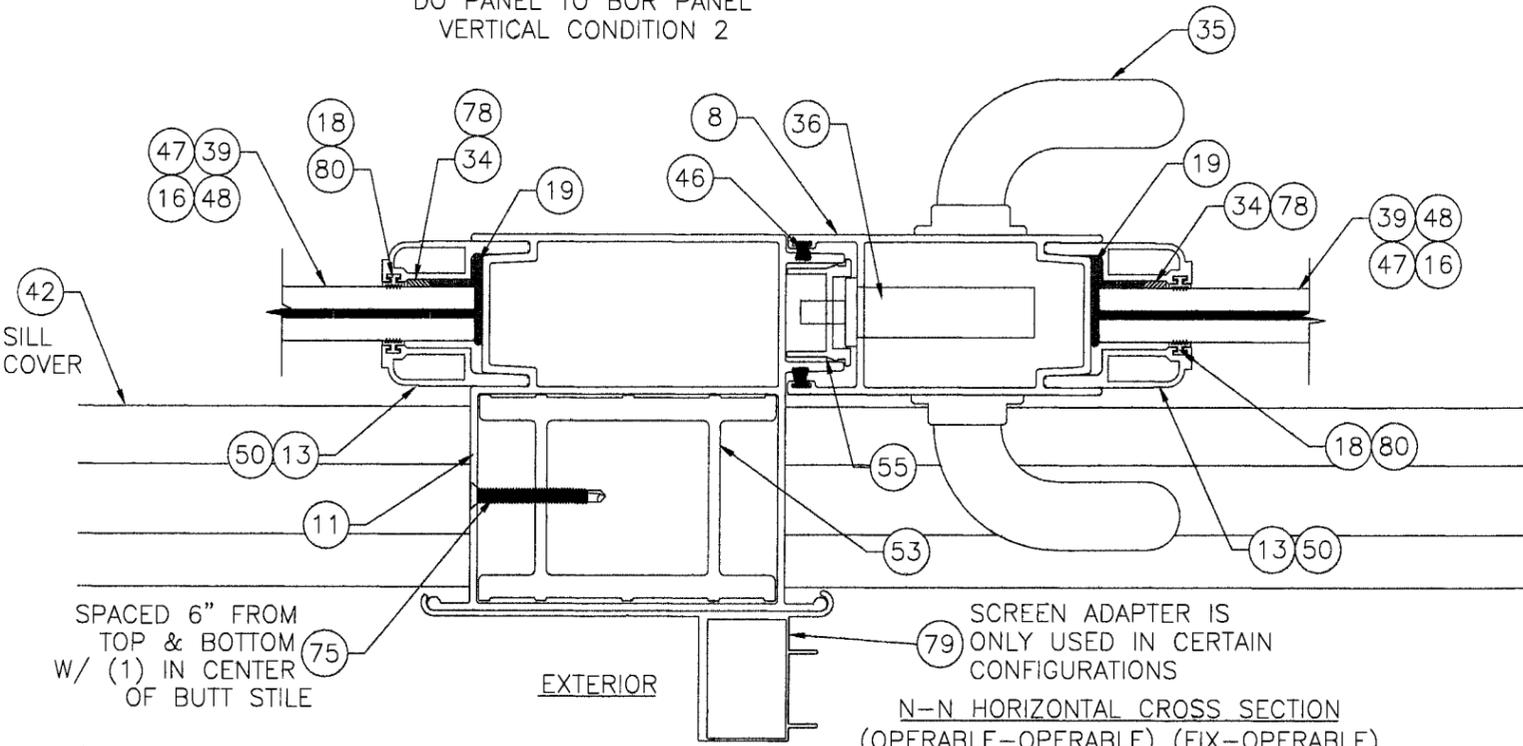
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 08-1010.10
 Expiration Date Nov 18, 2012
 By: 
 Miami Dade Product Control Division



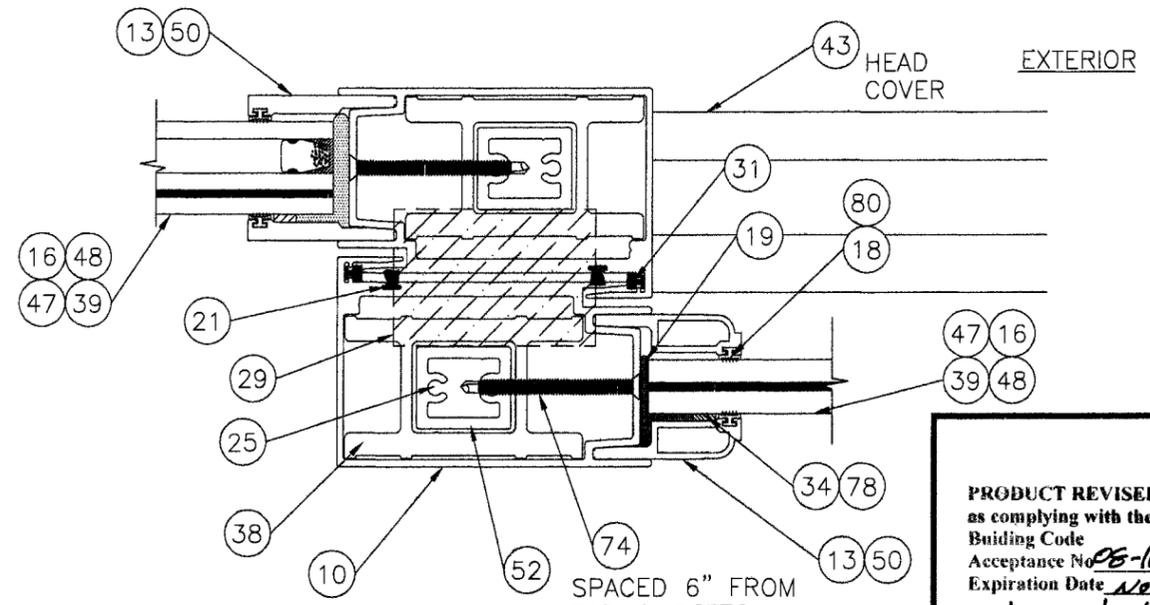
L-L HORIZONTAL CROSS SECTION
(FIX-FIX) (OPERABLE-FIX)
DO PANEL TO BOR PANEL
VERTICAL CONDITION 2



M-M HORIZONTAL CROSS SECTION
(FIX-OPERABLE) (FIX-FIX) (OPERABLE-FIX)
BOR PANEL TO EI PANEL
VERTICAL CONDITION 1



N-N HORIZONTAL CROSS SECTION
(OPERABLE-OPERABLE) (FIX-OPERABLE)
EI PANEL TO DI PANEL
VERTICAL CONDITION 2



M2-M2 HORIZONTAL CROSS SECTION
(FIX-OPERABLE) (FIX-FIX) (OPERABLE-FIX)
BOR PANEL TO EI PANEL
VERTICAL CONDITION 1

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-1010.10
Expiration Date Nov 18, 2012
By Shay L. Hayes
Miami Dade Product Control
Division

NOTE: (FIX-FIX / FIX-OPERABLE / OPERABLE-FIX)
ITEM #37, #8 x 3/4" SELF TAPPING TEK SCREW IS
USED TO SECURE THE FIXED PANEL IN PLACE. (8)
SCREWS ARE REQUIRED, 6" FROM TOP AND BOTTOM OF
PANEL AND (2) MORE EQUALLY SPACED WITH (1) SET
OF SCREWS ON THE EXTERIOR FACE AND (1) SET OF
SCREWS ON THE INTERIOR FACE. DEPENDING ON THE
CONFIGURATION BEING INSTALLED ITEM #37 MAYBE
REPLACED WITH ITEM #43, HEAD COVER, AND ITEM #42,
SILL COVER, SEE CROSS SECTIONS A-A THROUGH J-J
SHEETS 3 THROUGH 5. (ALSO SEE NOTE SHEET 5).

SHEET	REV	DESCRIPTION	DATE	BY
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REVISIONS				

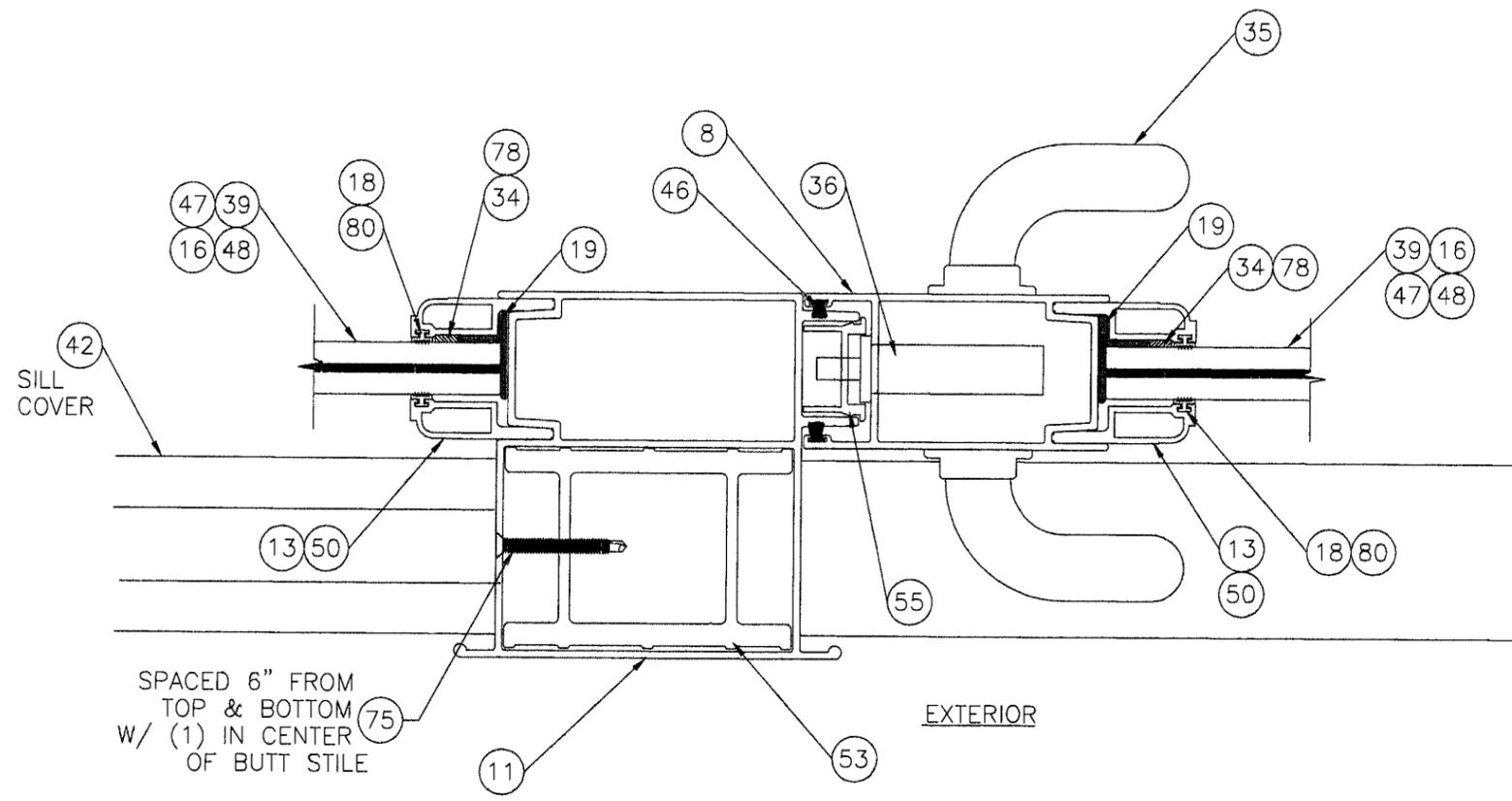
LUIS R. LOMAS P.E.
Luis R. Lomas
2/9/09
FLORIDA REGISTRATION
NO. 62514

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

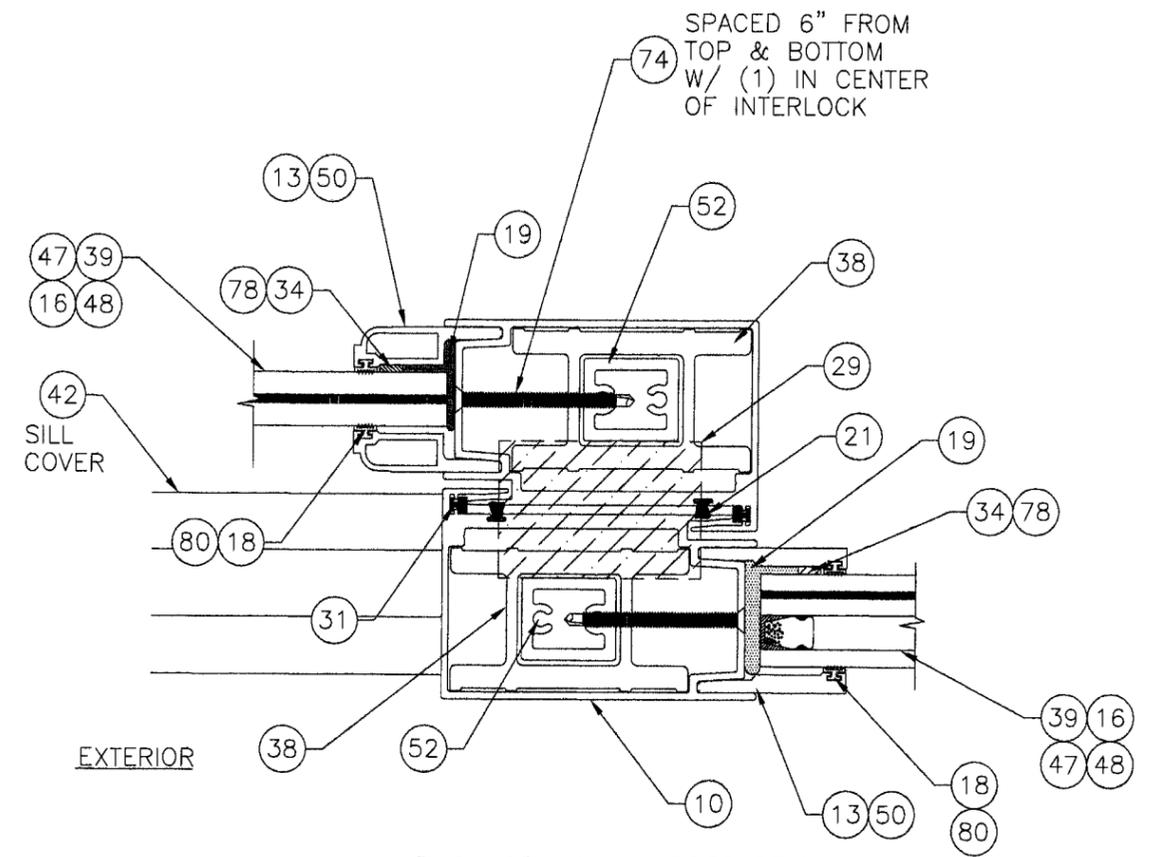
Dwg Title:
8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH
5'0 x 8'2 PANELS - VERT. CONDITIONS HORIZ SECTIONS

SIZE	Drn By:	DWG NO.	REV
B	TJH	07-02-2231	D

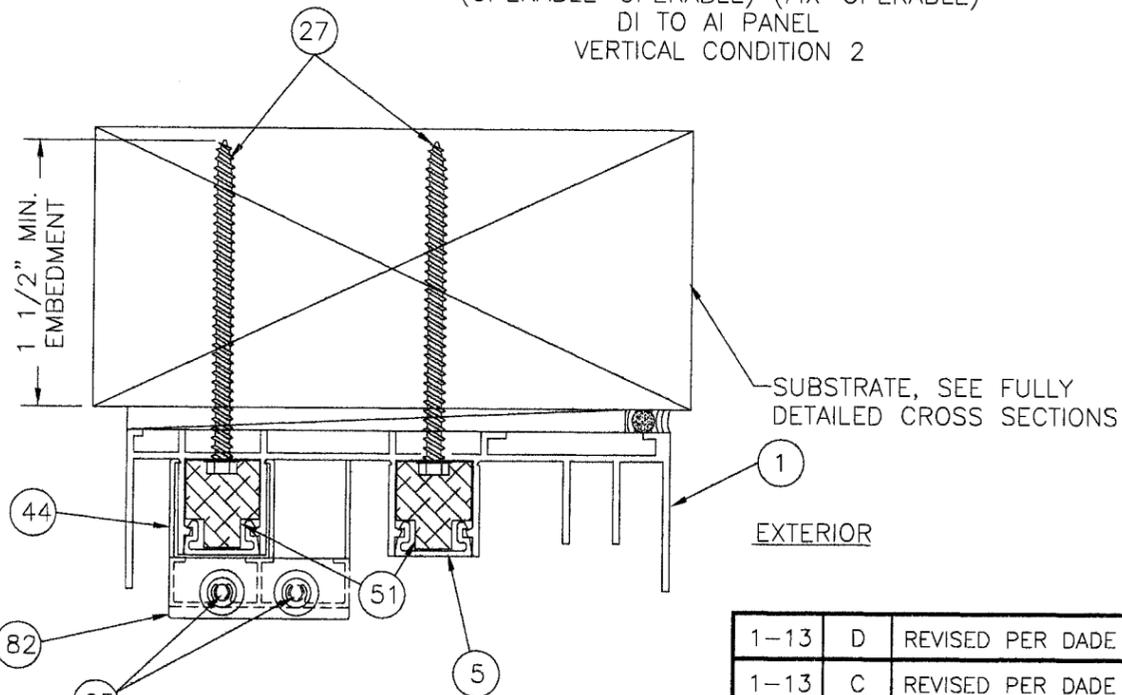
SCALE N.T.S. DATE: 03-01-07 SHEET 6 of 13



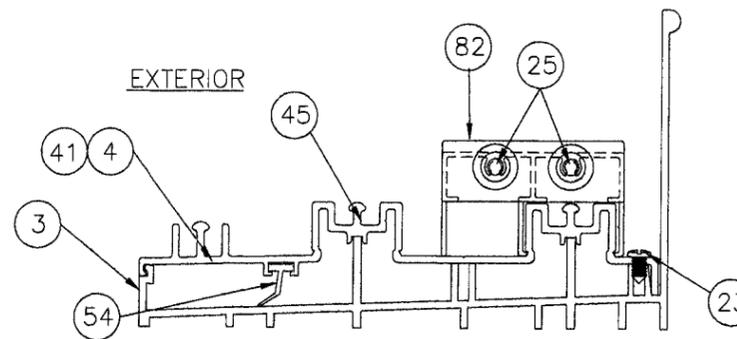
P-P HORIZONTAL CROSS SECTION
(OPERABLE-OPERABLE) (FIX-OPERABLE)
DI TO AI PANEL
VERTICAL CONDITION 2



Q-Q HORIZONTAL CROSS SECTION
(OPERABLE-FIX) (FIX-FIX)
AI TO BO PANEL
VERTICAL CONDITION 1



J-J VERTICAL CROSS SECTION
HEAD BUMPER CLIP VIEW
PANEL NOT SHOWN FOR CLARITY



DETAIL K
FRAME SNAP-IN BUMPER VIEW

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-1010-10
Expiration Date 04/18/2012
By Luis R. Lomas
Miami Dade Product Control
Division

SHEET	REV	DESCRIPTION	DATE	BY
1-13	D	REVISED PER DADE LETTER DATED 01/22/09	01/26/09	TJH
1-13	C	REVISED PER DADE LETTER DATED 11/09/08	11/19/08	TJH
1-13	B	Updated to current Florida Building Code	07/23/08	TJH
7	A	Corrected per Dade county letter dated May 13, 2007	08/17/07	DRL
REVISIONS				

LUIS R. LOMAS P.E.
Luis R. Lomas
2/9/09
FLORIDA REGISTRATION
NO. 62514

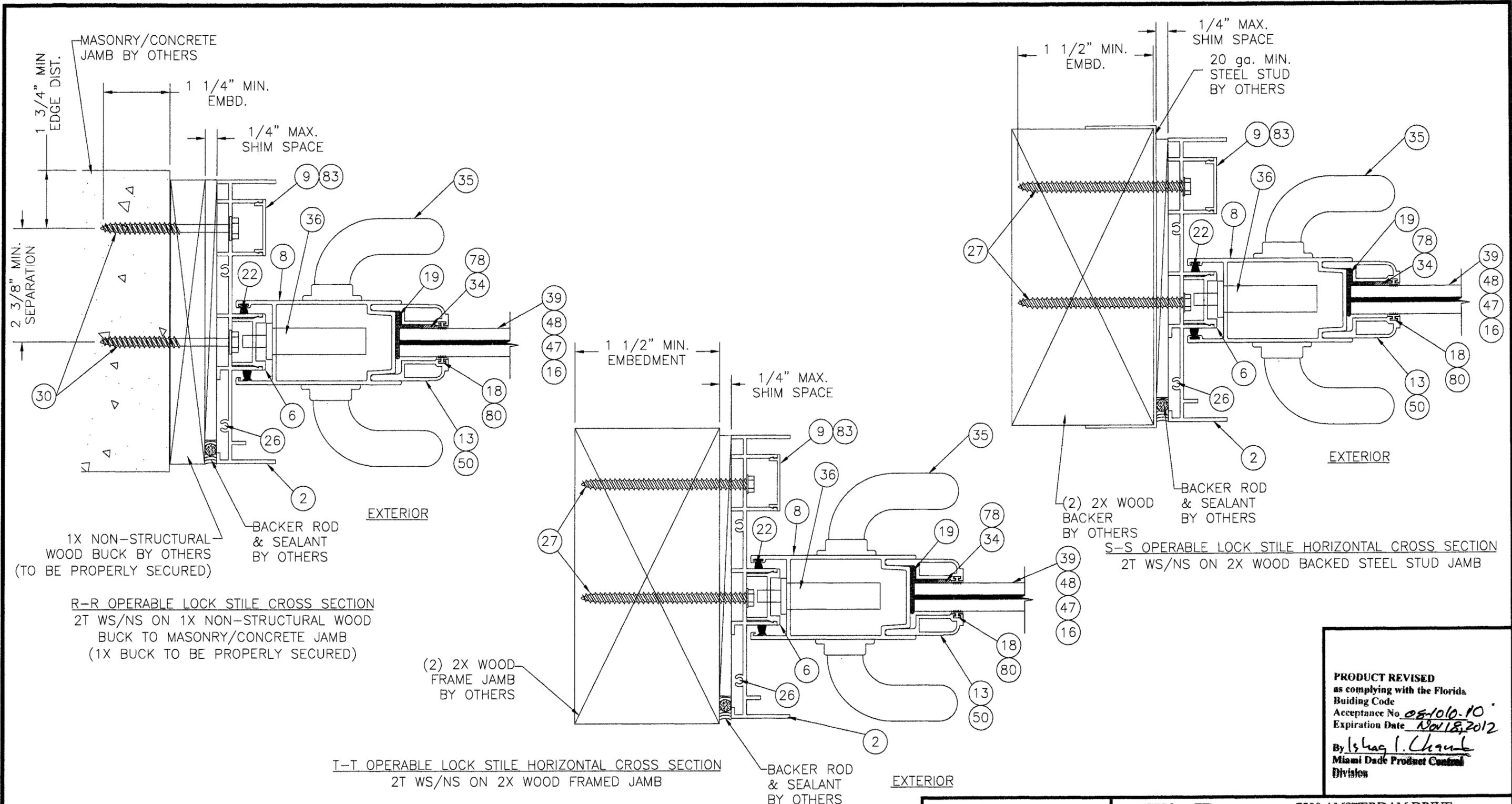
WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
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Dwg Title:
8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH
5'0 x 8'2 PANELS - VERT. CONDITIONS HORIZ SECTIONS

SIZE	Drn By:	DWG NO.	REV
B	TJH	07-02-2231	D

SCALE N.T.S. DATE: 03/01/07 SHEET 7 of 13



R-R OPERABLE LOCK STILE CROSS SECTION
 2T WS/NS ON 1X NON-STRUCTURAL WOOD
 BUCK TO MASONRY/CONCRETE JAMB
 (1X BUCK TO BE PROPERLY SECURED)

T-T OPERABLE LOCK STILE HORIZONTAL CROSS SECTION
 2T WS/NS ON 2X WOOD FRAMED JAMB

S-S OPERABLE LOCK STILE HORIZONTAL CROSS SECTION
 2T WS/NS ON 2X WOOD BACKED STEEL STUD JAMB

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 08-1010-10
 Expiration Date Nov 18, 2012
 By Ishag I. Chouk
 Miami Dade Product Control
 Division

SHEET	REV	DESCRIPTION	DATE	BY
1-13	D	REVISED PER DADE LETTER DATED 01/22/09	01/26/09	TJH
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REVISIONS				

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Luis R. Lomas
 2/9/09
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 NO. 62514

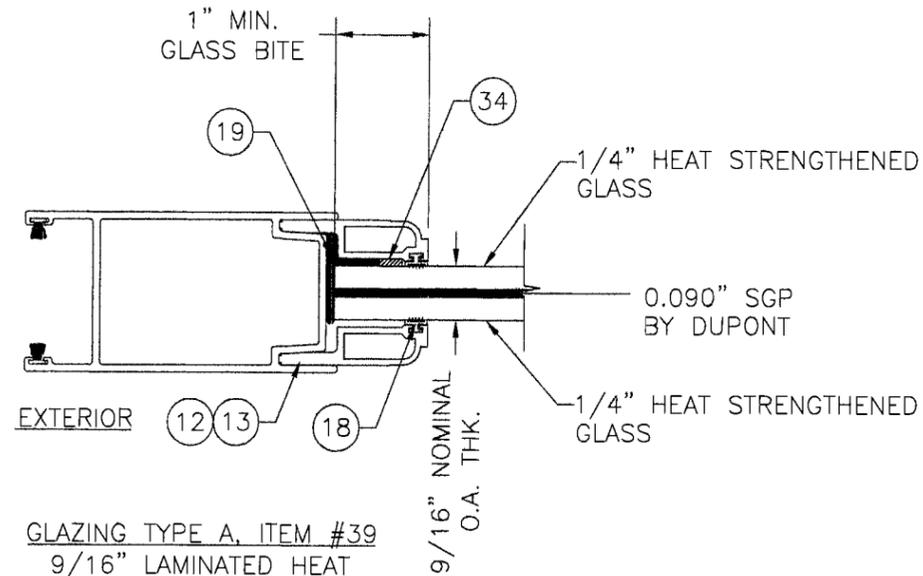
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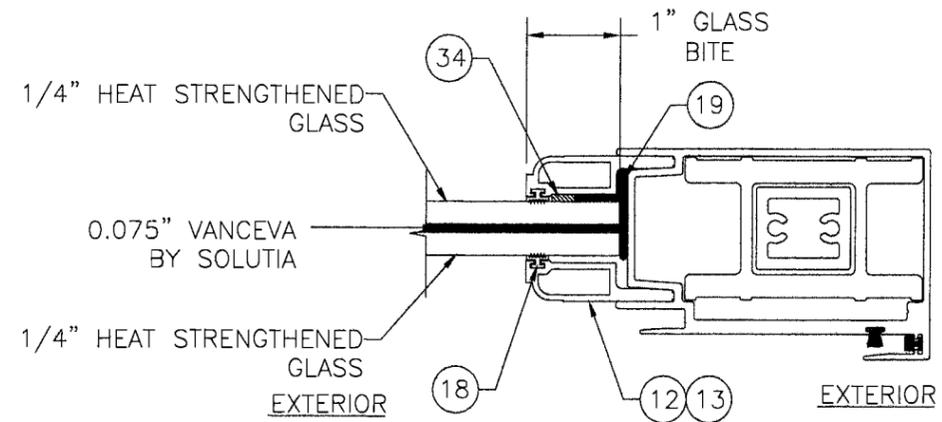
Dwg Title:
 8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH
 5'0 x 8'2 PANELS - 2T WS/NS HORIZONTAL SECTIONS

SIZE	Drn By:	DWG NO.	REV
B	TJH	07-02-2231	D

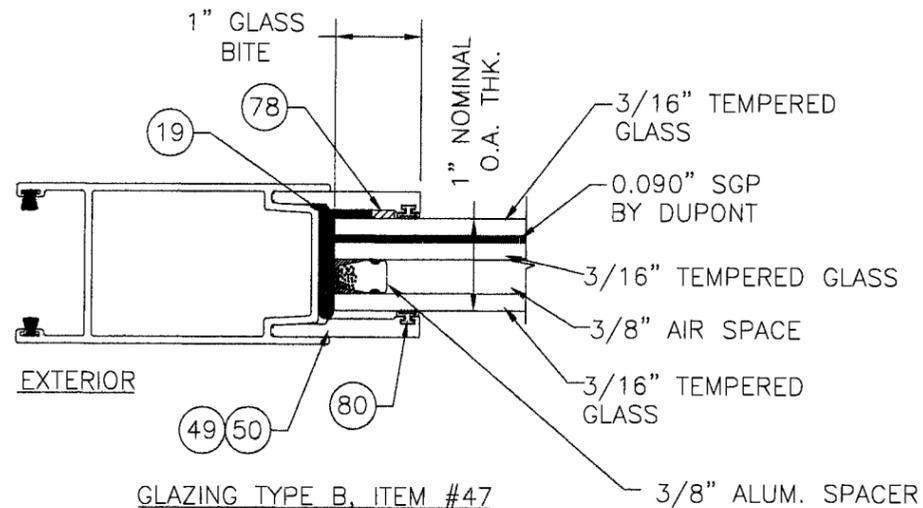
SCALE N.T.S. DATE: 03/01/07 SHEET 8 of 13



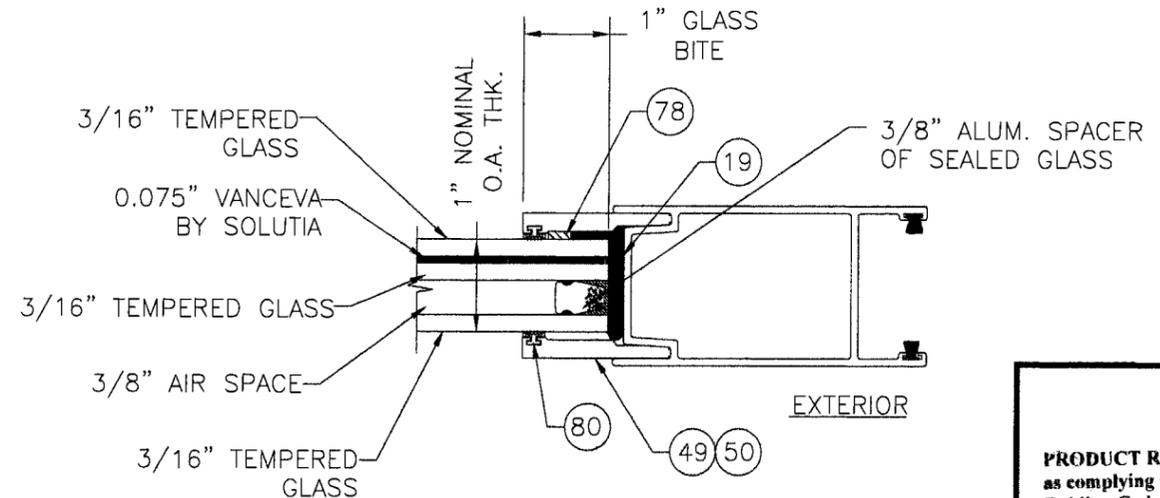
GLAZING TYPE A, ITEM #39
 9/16" LAMINATED HEAT STRENGTHENED GLASS
 W/0.090" SGP INTERLAYER BY DUPONT



GLAZING TYPE C, ITEM #16
 9/16" LAMINATED HEAT STRENGTHENED GLASS
 W/0.075" VANCEVA INTERLAYER BY SOLUTIA



GLAZING TYPE B, ITEM #47
 1" TEMPERED LAMINATED GLASS
 W/0.090" SGP INTERLAYER BY DUPONT

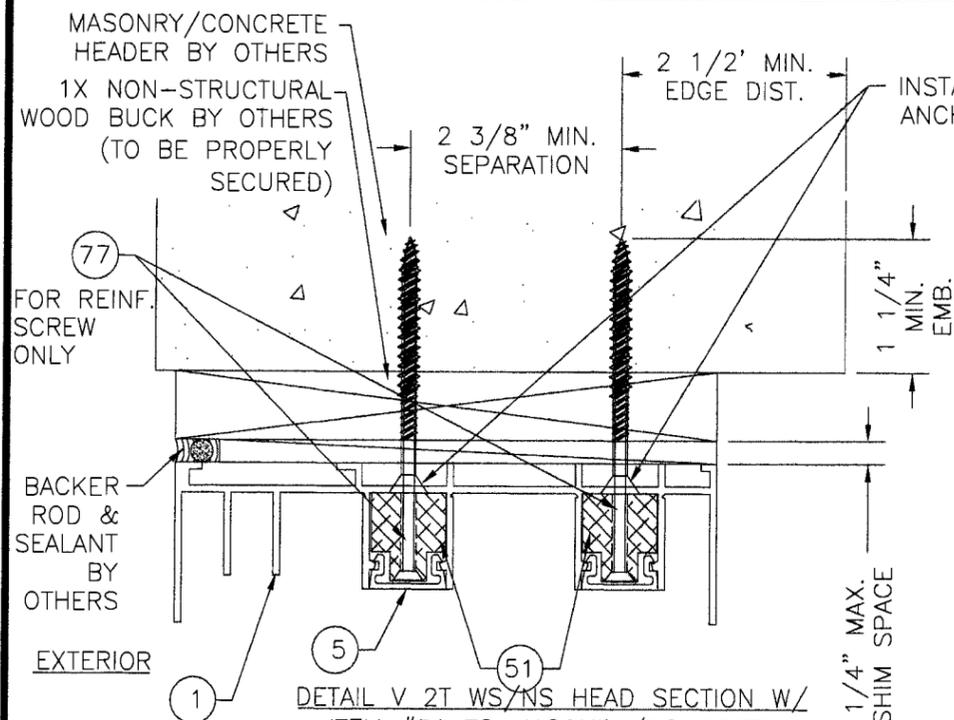


GLAZING TYPE C, ITEM #48
 1" TEMPERED LAMINATED GLASS
 W/0.075" VANCEVA INTERLAYER BY SOLUTIA

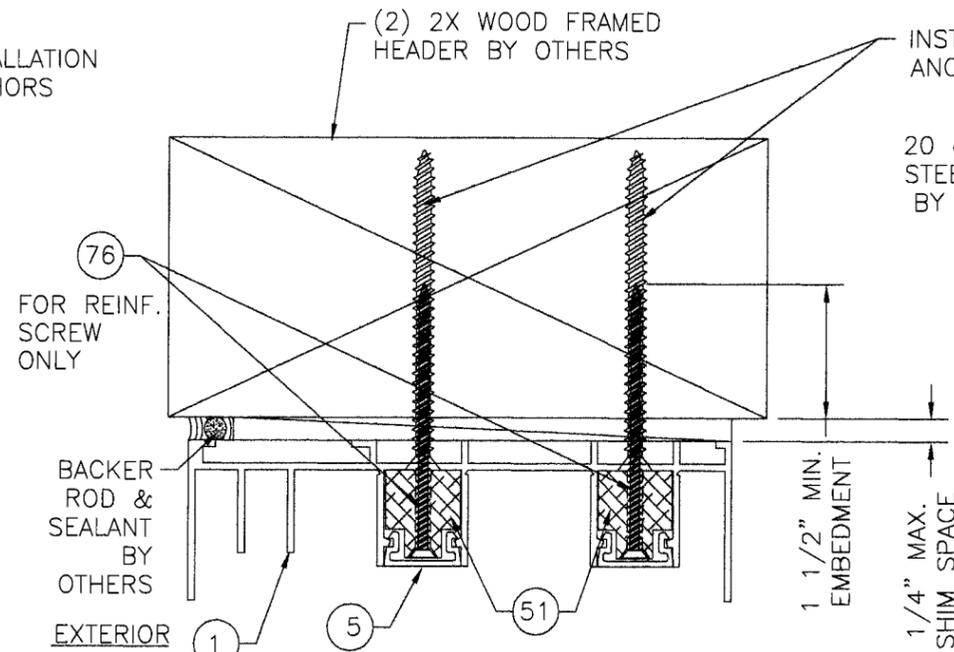
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 03-1010-10
 Expiration Date NOV 18, 2012
 By Isaac I. Chavala
 Miami Dade Product Control
 Division

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REVISIONS				

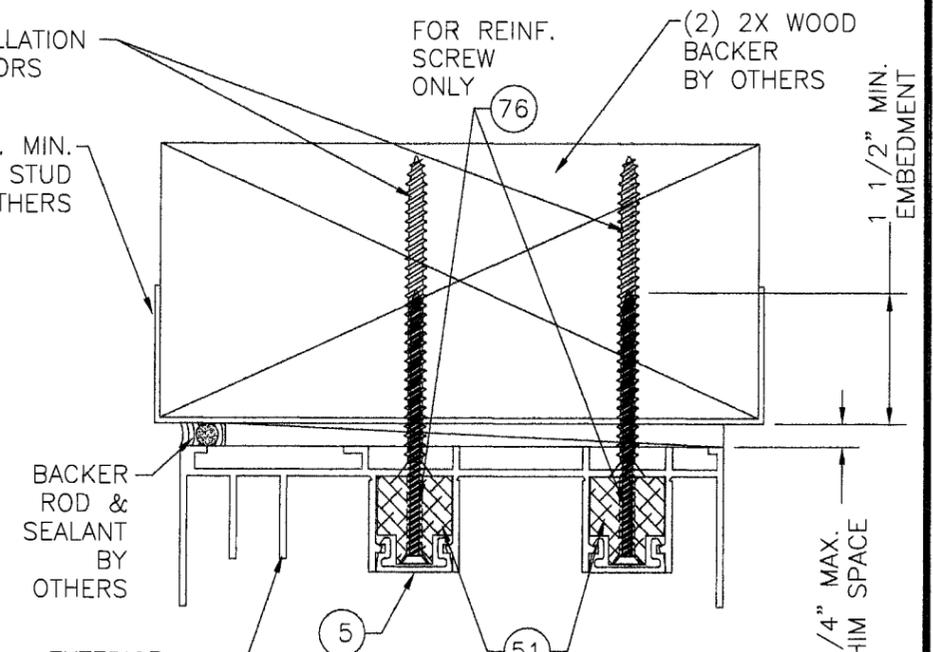
LUIS R. LOMAS P.E. 2/9/09 FLORIDA REGISTRATION NO. 62514	WinDoor INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
	Dwg Title: 8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH 5'0 x 8'2 PANELS - GLAZING DETAILS			
SIZE	Drn By:	DWG NO.	REV	
B	TJH	07-02-2231	D	
SCALE	N.T.S.	DATE:	03/01/07	SHEET 9 of 13



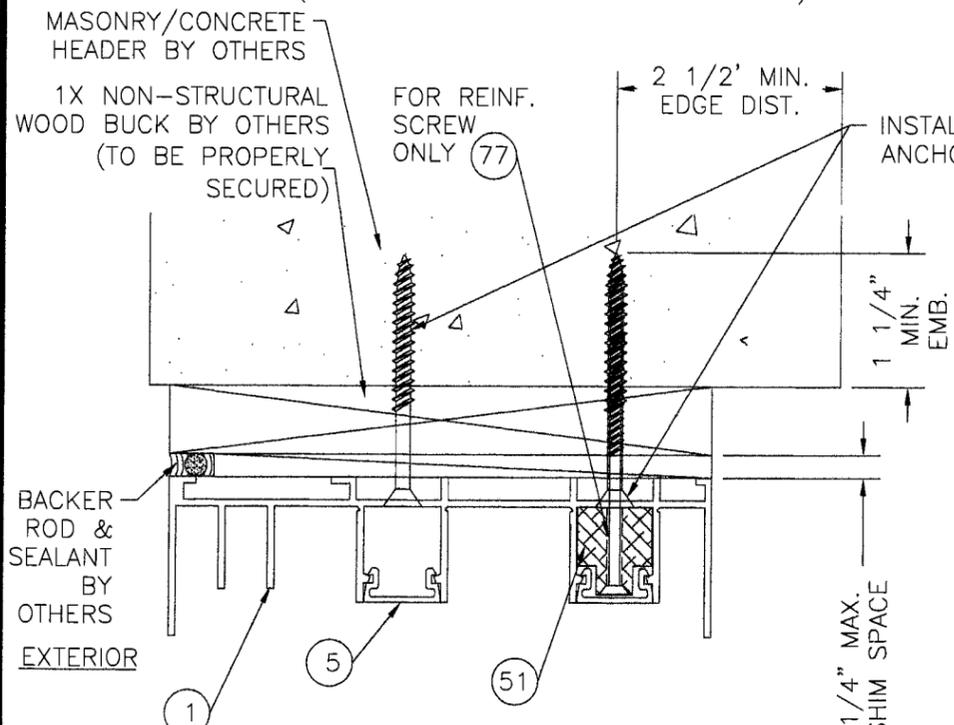
DETAIL V 2T WS/NS HEAD SECTION W/ ITEM #51 TO MASONRY/CONCRETE VERTICAL CONDITION 1 (1X BUCK TO BE PROPERLY SECURED)



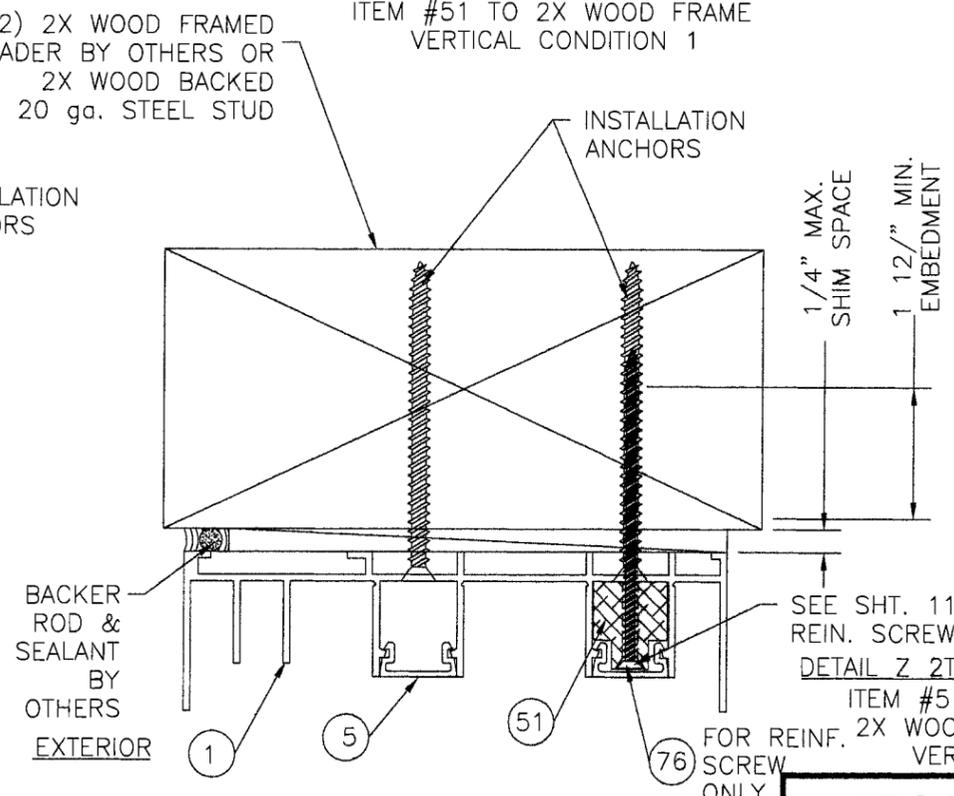
DETAIL W 2T WS/NS HEAD SECTION W/ ITEM #51 TO 2X WOOD FRAME VERTICAL CONDITION 1



DETAIL X 2T WS/NS HEAD SECTION W/ ITEM #51 TO 2X WOOD BACKED STEEL FRAME VERTICAL CONDITION 1



DETAIL Y 2T WS/NS HEAD SECTION W/ ITEM #51 TO MASONRY/CONCRETE VERTICAL CONDITION 2



DETAIL Z 2T WS/NS HEAD SECTION W/ ITEM #51 TO 2X WOOD FRAME/ 2X WOOD BACKED STEEL STUD VERTICAL CONDITION 2

- NOTES:
1. DOOR PANELS ARE NOT SHOWN FOR CLARITY OF ITEM #51, H.P. HEAD REINFORCING BAR.
 2. SECTIONS V, W & X ARE SHOWN AT A VERTICAL CONDITION WHERE THERE IS A PANEL ON BOTH TRACKS, CONDITION 1. SECTIONS Y & Z ARE SHOWN AT VERTICAL CONDITION WHERE THERE IS ONLY ONE PANEL IN ONE TRACK, CONDITION 2.
 3. ITEM #51, HEAD REINFORCEMENT BAR, MUST BE CENTERED BETWEEN CENTER THREE INSTALLATION FASTENERS IN CLUSTER PATTERN AT HEAD VERTICAL CONDITION.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 08-1010.10
 Expiration Date 12/13/2012
 By: *Shas L. Chunn*
 Miami Dade Product Control
 Division

ALL CROSS SECTIONS ARE SHOWING REINFORCEMENT INSTALLATION ONLY

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1-13	D	REVISED PER DADE LETTER DATED 01/22/09	01/26/09	TJH
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REVISIONS				

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Luis R. Lomas
 2/9/09
 FLORIDA REGISTRATION NO. 82514

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 7500 AMSTERDAM DRIVE
 ORLANDO, FL 32832
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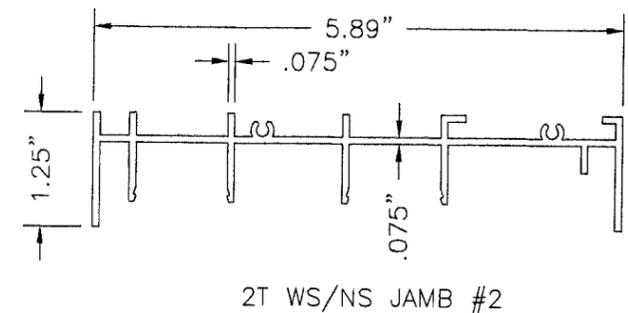
Dwg Title:
 8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH 5'0 x 8'2 PANELS - HEADER REINFORCING BAR DETAILS

SIZE	Drn By:	DWG NO.	REV
B	TJH	07-02-2231	D

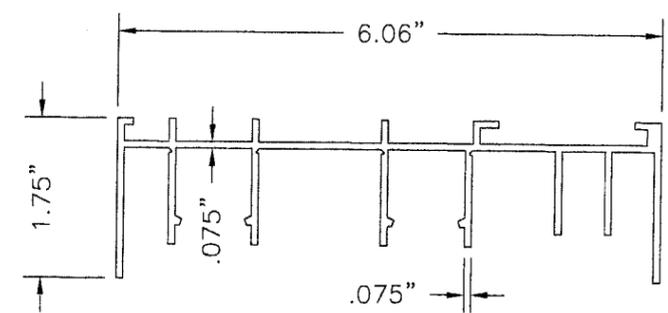
SCALE N.T.S. DATE: 03/01/07 SHEET 10 of 13

BILL OF MATERIAL		
NO.	PART NO.	DESCRIPTION
1	FS01846	2T WS FRAME HEAD
2	FS01845	2T WS/NS FRAME JAMB
3	FS03435	2T WS/NS 3 1/2" HIGH RETRO SILL PAN
4	FS03436	2T WS RETRO SILL INSERT
5	FS01882	FRAME HEAD INSERT
6	FS02726	STILE JAMB INSERT
7	FH01869	TOP & BOTTOM RAIL
8	FH01871	LOCK STILE
9	FS01883	FRAME JAMB INSERT
10	FH02491	PANEL INTERLOCK STILE
11	FH02165	FEMALE BUTT STILE
12	FH01877	9/16" HORIZONTAL GLASS STOP
13	FH01878	9/16" VERTICAL GLASS STOP
14	FS02643	ROLLER BACKUP
15	#1988-9000	TANDEM ROLLER W/DELFIN WHEELS
16		9/16" LAMIN H.S. GLASS W/0.075" VANCEVA BY SOLUTIA INTERLAYER, TYPE C
17	NSB 3/16-3/4-2	GLASS SETTING BLOCK
18	TP1066	GLASS STOP VINYL FOR 9/16" GLASS STOPS
19	SIKA 552	WET GLAZE
20	W33351NK0000	TOP & BOTTOM RAIL FINSEAL 0.187 X 0.350
21	W33221NK0000	INTERLOCK FINSEAL 0.187 X 0.220
22		PANEL STILE FINSEAL 0.187 X 0.220
23		SILL INSERT ASSY. SCREW #8 X 7/16" PH TYPE F SS
24		ROLLER INSTALL. SCREWS #8 X 5/8 PH TYPE F SS
25		PANEL ASSEMBLY SCREW #10 X 1 1/4 TYPE F SS
26		FRAME ASSEMBLY SCREW #8 X 5/8 PH TYPE F SS
27		#14 WOOD SCREW INSTALL ANCHOR-1 1/2" MIN. EMB
28		SILICONE CAULK OR NON-SHRINK GROUT
29	P7569AM	.750" HIGH X 1.50" X 2.25" DUAL FINNED DUST PAD
30		1/4" DIA. x 2 3/4" ELCO CRETE-FLEX SS4 MASONRY SCREW
31	TP876	INTERLOCK BUMPER
32	NRAHP	PANEL HEIGHT ADJUSTMENT PLUGS
33	NPG	NYLON PANEL GUIDE
34	V988B	GLAZING TAPE 1/4" X 3/8" FOR 9/16" GLASS
35	1414	OLYMPUS HANDLE SET
36	2468	DUAL POINT MORTISE LOCK & KEEPER SET
37		#8 x 3/4" PAN HEAD TEKS SCREW
38	FS02641	SGD REINFORCING BAR BY KEYMARK A6061-T6
39		9/16" LAMIN H.S. GLASS W/0.090" SGP BY DUPONT INTERLAYER, TYPE A
40	#1988-9000 SS	TANDEM ROLLER W/STAINLESS STEEL WHEELS
41	FS03471	2T NS RETRO SILL INSERT BY KEYMARK A6063-T5
42	FS02208	SGD FRAME SILL COVER BY KEYMARK A6063-T5
43	FS02210	SGD FRAME HEAD COVER BY KEYMARK A6063-T5
44	FS03588	8K/6K HEAD BUMPER CLIP BY KEYMARK A6063-T6
45	FS03587	8K/6K FRAME SNAP-IN BUMPER BY KEYMARK A6063-T6
46		PANEL STILE @ BUTT STILE FINSEAL 0.187" x 0.220"
47		1" IG TEMP LAMIN GLASS W/0.090" SGP BY DUPONT INTERLAYER, TYPE B
48		1" IG TEMP LAMIN GLASS W/0.075" VANCEVA BY SOLUTIA INTERLAYER, TYPE D
49	FH01879	1" HORIZONTAL GLASS STOP BY KEYMARK
50	FH01880	1" VERTICAL GLASS STOP BY KEYMARK
51	FS03656	SGD H.P. HEAD REIN. BAR BY KEYMARK A6005-T5
52	FH03569	H.P. INTERLOCK REIN. BAR BY KEYMARK A6061-T6
53	FH03570	BUTT STILE REIN. BAR BY KEYMARK A6061-T6
54	TP166	SILL INSERT VINYL WEEP FLAP BY TEAM PLASTICS
55	FS02726	PANEL STILE JAMB INSERT BY KEYMARK A6063-T6
56	W33221NK0000	HEAD & SILL COVER FINSEAL 0.187 X 0.350

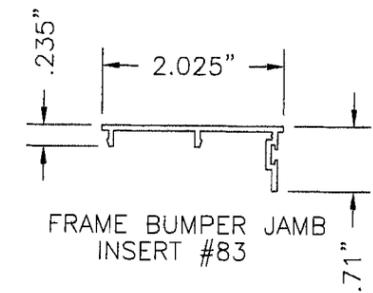
BILL OF MATERIAL		
NO.	PART NO.	DESCRIPTION
59		1/4" DIA. x 2 1/4" ELCO CRETE-FLEX SS4 MASONRY SCREW
60		SCREEN ASSEMBLY SCREW #8 x 1 1/4" SQD PH TYPE A
61	PJS-7623-09-SN	SCREEN ROLLER, SULLIVAN
62	FH02300	WS SCREEN BOTTOM RAIL BY KEYMARK A6063-T6
63	FH02300	WS SCREEN TOP RAIL BY KEYMARK A6063-T6
64	FH02395	WS SCREEN STILE BY KEYMARK A6063-T6
65	FS02209	WS SCREEN SWEEP BY KEYMARK A6063-T6
66		0.187" X 0.130" FINSEAL
67	SGD200	SCREEN HANDLE & LOCK, SULLIVAN
68		FIBERGLASS SCREEN MESH
69		SCREEN SPLINE
70	FH01851	HIGH BOTTOM RAIL BY KEYMARK A6063-T5
73	FH02644	HIGH BOTTOM RAIL ROLL BACKUP BY KEYMARK A6063-T6
74		#8 x 2" PHILLIPS FLAT HEAD TEK SCREW
75		#8 x 1 1/2" PHILLIPS FLAT HEAD TEK SCREW
76		#8 x 3" PHILLIPS FLAT HEAD WOOD SCREW
77		3/16" DIA. x 3 3/4" ELCO PHILLIPS FLAT HEAD TAPCON
78	V984B	GLAZING TAPE 1/8" X 3/8" FOR 1" GLASS
79	FH02647	SGD BUTT SCREEN ADAPTER BY KEYMARK A6063-T6
80	TP1051	GLASS STOP VINYL FOR 1" GLASS STOPS
81		INTERLOCK PANEL ASSEMBLY SCREW #10 X 3/4 TYPE F SS
82		RUBBER BUMPER, BLACK SRB 50 - 60 DUROMETER
83	FS03809	FRAME BUMPER JAMB INSERT BY KEYMARK A6063-T6



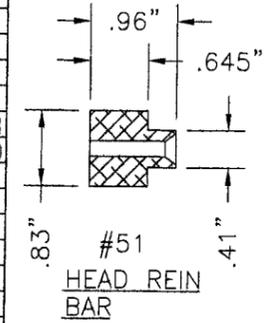
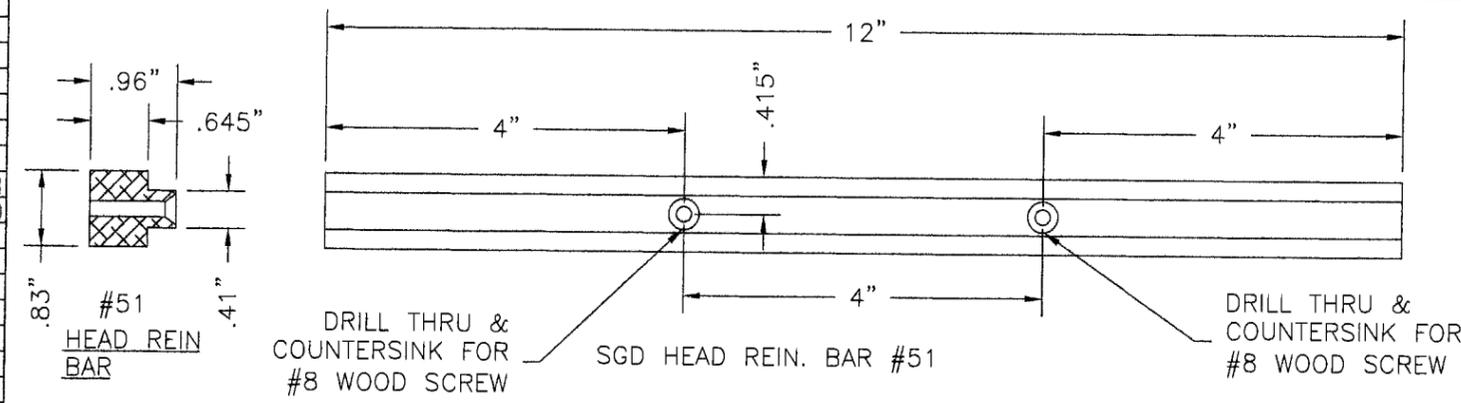
2T WS/NS JAMB #2



2T WS/NS HEAD #1



FRAME BUMPER JAMB INSERT #83



#51 HEAD REIN BAR

DRILL THRU & COUNTERSINK FOR #8 WOOD SCREW

SGD HEAD REIN. BAR #51

DRILL THRU & COUNTERSINK FOR #8 WOOD SCREW

PRODUCT REVISED
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 Acceptance No. 08-1010.10
 Expiration Date Nov 19, 2012
 By Isaac J. Chavala
 Miami Dade Product Control Division

ITEMS 24, 32, 33, 61, 62, 64, 65 & 67 ARE USED BUT NOT SHOWN IN CROSS SECTIONS FOR CLARITY.

BILL OF MATERIALS ITEM NUMBERS 57, 58, 71 AND 72 ARE NOT USED.

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LUIS R. LOMAS P.E.

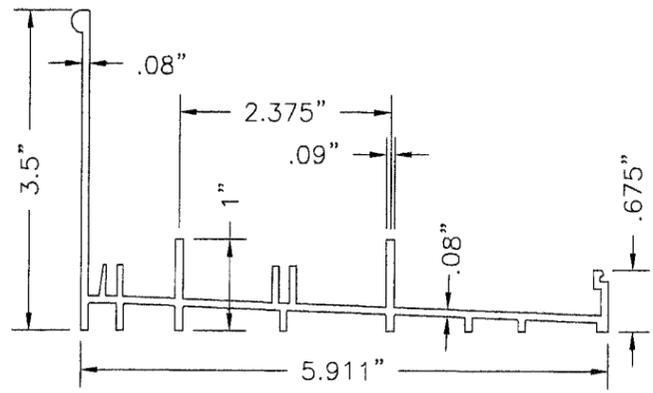
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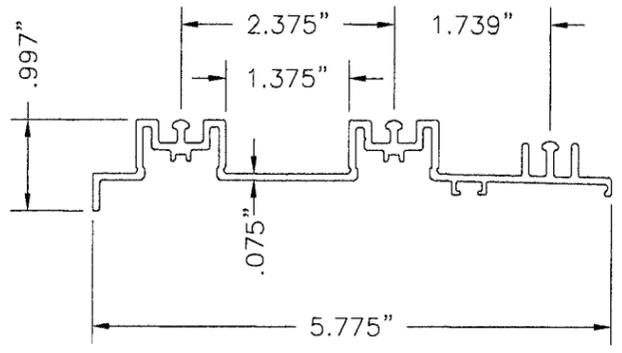
Dwg Title: 8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH 5'0 x 8'2 PANELS - B.O.M. & UNIT COMPONENTS

SIZE	Drn By:	DWG NO.	REV
B	TJH	07-02-2231	D

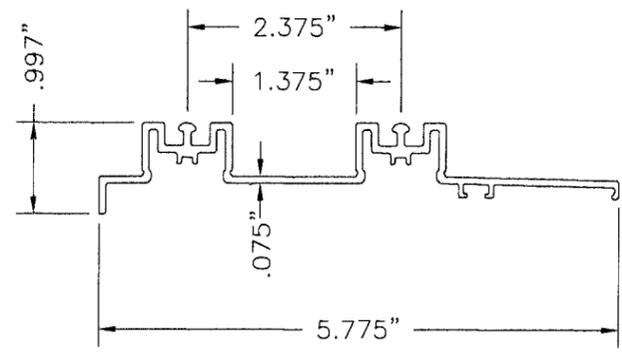
SCALE N.T.S. DATE: 03/01/07 SHEET 11 of 13



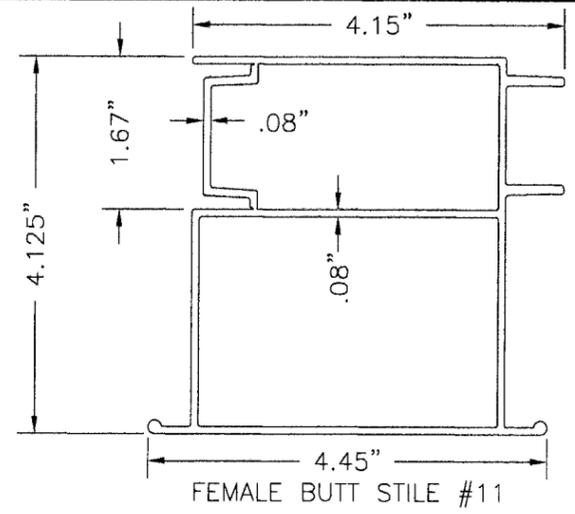
2T RETRO WS/NS SILL PAN #3



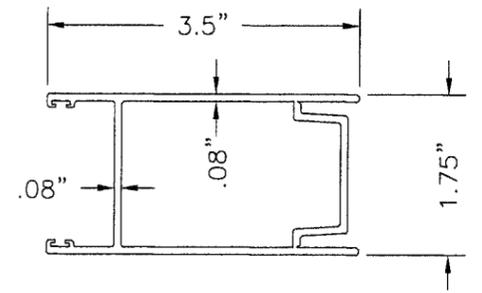
2T RETRO WS SILL INSERT #4



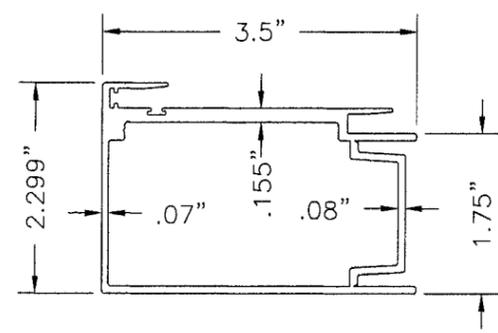
2T RETRO NS SILL INSERT #41



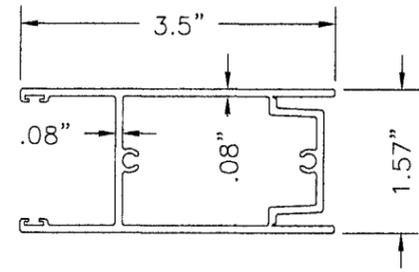
FEMALE BUTT STILE #11



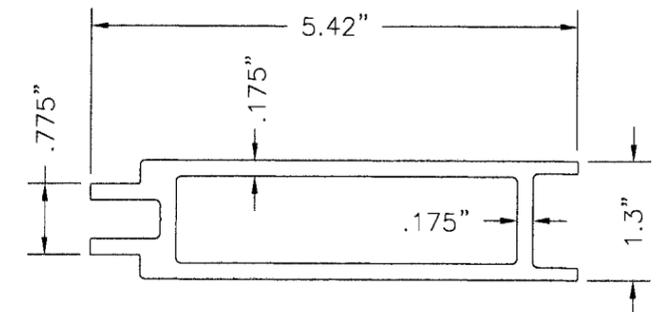
LOCK STILE #8



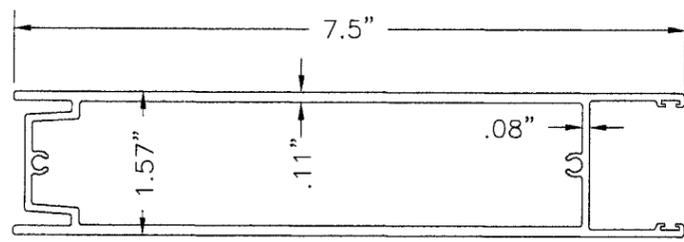
INTERLOCK STILE #10



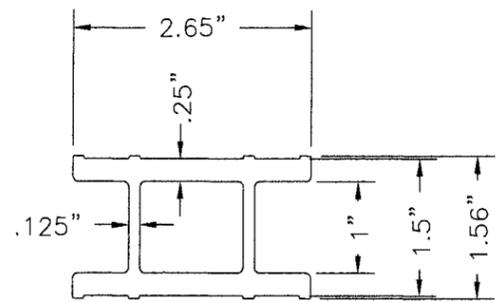
TOP/BOTTOM RAIL #7



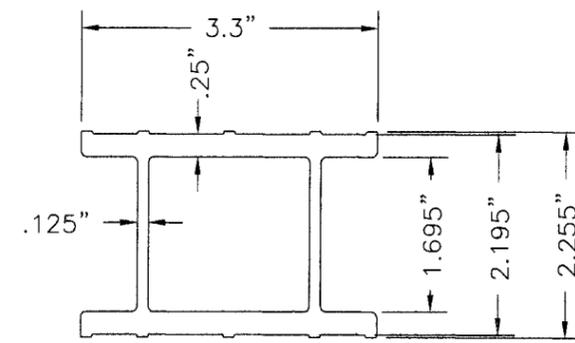
HIGH BOTTOM ROLLER BACKUP #73



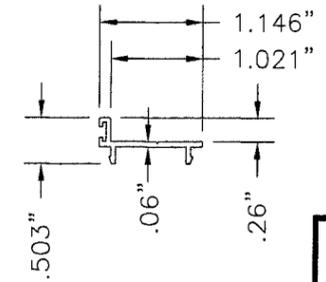
HIGH BOTTOM RAIL #70



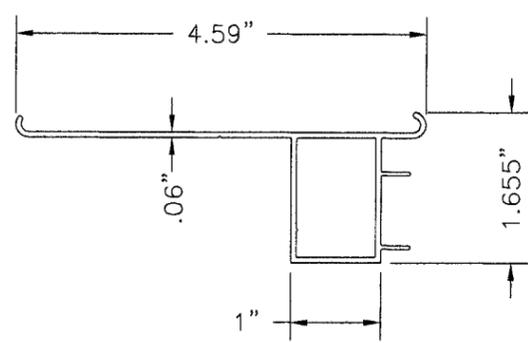
SGD REIN. BAR #38



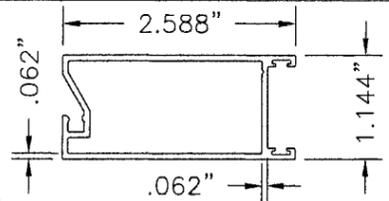
BUTT STILE REIN. BAR #53



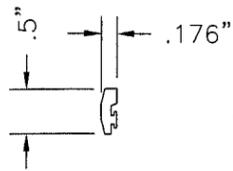
WS SCREEN SWEEP #65



BUTT SCREEN ADAPTER #79



WS SCREEN STILE #64



NYLON PANEL GUIDE #33

PRODUCT REVISED
 as complying with the Florida
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 Miami Dade Product Control
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REVISIONS				

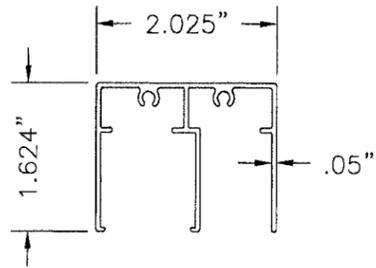
LUIS R. LOMAS P.E.
Luis R. Lomas
 2/9/09
 FLORIDA REGISTRATION
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WinDoor
 INCORPORATED
 7500 AMSTERDAM DRIVE
 ORLANDO, FL 32832
 Phone: 407.481.8400
 Fax: 407.481.0505
 www.windoorinc.com

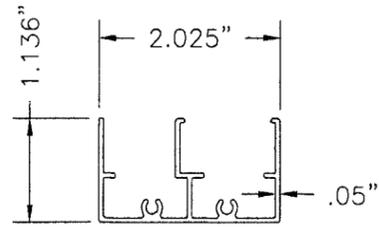
Dwg Title:
 8000 SERIES SGD LMI 2T WS/NS RETRO SILL WITH
 5'0 x 8'2 PANELS - UNIT COMPONENTS

SIZE	Drn By:	DWG NO.	REV
B	TJH	07-02-2231	D

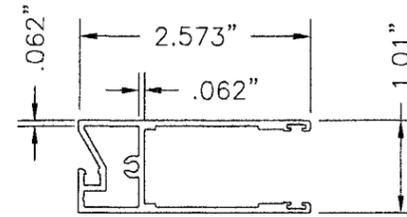
SCALE N.T.S. DATE: 03/01/07 SHEET 12 of 13



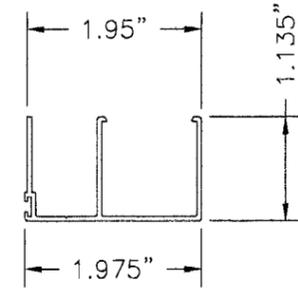
8K/6K HEAD BUMPER CLIP #44



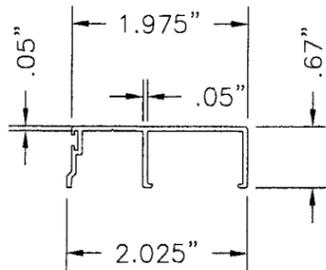
8K/6K SNAP-IN BUMPER #45



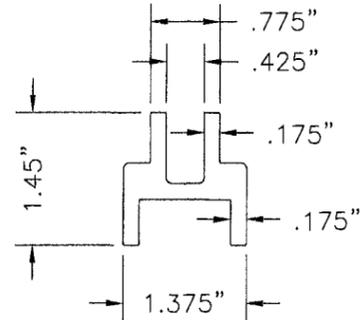
WS SCREEN BOTTOM RAIL #62
WS SCREEN TOP RAIL #63



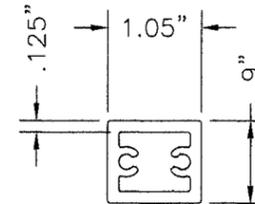
SGD FRAME HEAD COVER #43



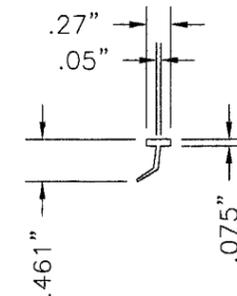
SGD FRAME SILL COVER #42



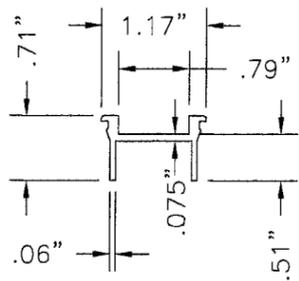
ROLLER BACKUP #14



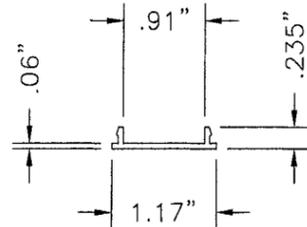
H.P. INTERLOCK REIN. BAR #52



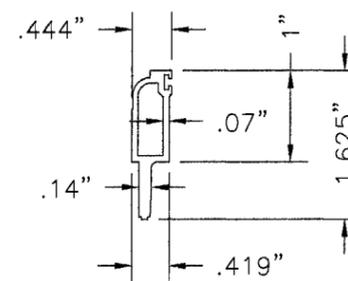
VINYL WEEP FLAP #54



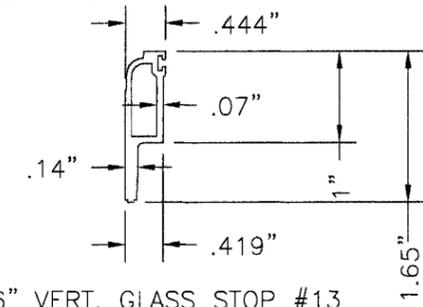
STILE JAMB INSERT #6
PANEL STILE JAMB INSERT #55



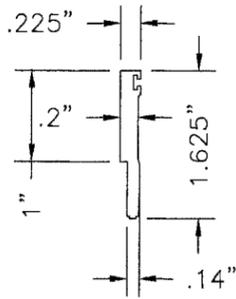
FRAME JAMB INSERT #9



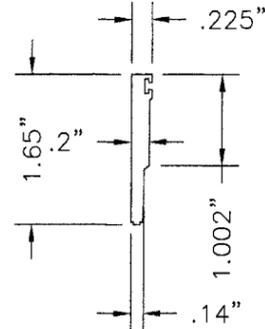
9/16" HORT. GLASS STOP #12



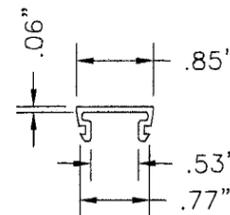
9/16" VERT. GLASS STOP #13



1" HORT. GLASS
STOP #49



1" VERT. GLASS
STOP #50



FRAME HEAD INSERT #5

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 08-1010-10
Expiration Date NOV 13, 2012
By Isaac L. Hank
Miami Dade Product Control
Division

SHEET	REV	DESCRIPTION	DATE	BY
1-13	D	REVISED PER DADE LETTER DATED 01/22/09	01/26/09	TJH
1-13	C	REVISED PER DADE LETTER DATED 11/09/08	11/19/08	TJH
1-13	B	Updated to current Florida Building Code	07/23/08	TJH
13	A	Corrected per Dade county letter dated May 13, 2007	08/17/07	DRL
REVISIONS				

LUIS R. LOMAS P.E.

Luis R. Lomas
2/9/09

FLORIDA REGISTRATION
NO. 62514

WinDoor
INCORPORATED

7500 AMSTERDAM DRIVE
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SCALE N.T.S. DATE: 03/01/07 SHEET 13 of 13