

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 and accepted by Miami-Dade County PERA -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. PERA 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 "8100" Aluminum Sliding Glass Door W/WO Reinforcements-N.I.

APPROVAL DOCUMENT: Drawing No. **08-00943**, titled "8100 Series Alum SGD, Non-Impact, Reinforced & Non-reinforced", sheets 1 through 26 of 26, prepared by manufacturer, dated 02/04/10 and last revised on 03/11/2011, 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 Section.

MISSILE IMPACT RATING: None. Approved Hurricane Protection devices, complying w/ FBC are required.

Limitations:

1. See Design Pressures Vs sizes, reinforcements, sill adapters and glass types in sheets 1 through 7.
2. See anchors requirement in sheets 8 and 9. Two (2) anchors at each anchor location shown in sheets 8 & 9 at head, sill and jambs, except one (1) anchor at each pocket (hook-strips jamb) required. Door panels wider than 48" are limited to 98" high frame height.
3. Vinyl item # 51 & 52 (TP-1051) of B.O.M. shall meet material properties listed per Bayshore vinyl compound BVC 7200-70, manufactured by Team Plastics.

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", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA # **10-0422.09** 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.**

MIAMI-DADE COUNTY
APPROVED

NOA No 12-0130.15
 Expiration Date: June 23, 2016
 Approval Date: April 19, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (transferred from file # **10-0422.09**)
2. Drawing No. **08-00943**, titled "8100 Series Alum SGD, Non-Impact, Reinforced & Non-reinforced", sheets 1 through 26 of 26, prepared by manufacturer, dated 02/04/10 and last revised on 03/11/2011, signed and sealed by Luis R. Lomas, P.E.

Note: This revision consists of FBC 2010 update only.

B. TESTS (transferred from file # 10-0422.09)

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) Large Missile Impact Test per FBC, TAS 201-94

Along with marked-up drawings and installation diagram of Aluminum Sliding Glass, prepared by National Certified Testing Laboratories Inc, Test Report No. **NCTL-210-3570-1** and **NCTL-210-3570-2** both dated 12/01/09 and **revised** and **reissued** on 02/04/11, both signed & sealed by Gerald J, Ferrara, P.E.

(Note: This test reports have addendum letters dated 08/16/10, issued by National Certified Testing Laboratories Inc., signed & sealed by Gerald J, Ferrara, P.E.)

C. CALCULATIONS

1. Statement letter of conformance to FBC 2010, dated January 19, 2012, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Anchor verification calculations, structural & comparative analysis, complying with FBC-2007, dated 04/19/2010 and last revised on 09/02/10, prepared, signed and sealed by Luis R. Lomas, P.E. (transferred from file # **10-0422.09**).
3. Glazing complies with ASTM E-1300-02 &-04

D. QUALITY ASSURANCE

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

E. MATERIAL CERTIFICATIONS

1. Technical data sheet of flexible vinyl compound BVC7200-70, published by Bayshore Vinyl Compounds Inc.

F. STATEMENTS

1. Statement letter of conformance to FBC 2010 and "No financial interest", dated 01/19/12, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Statement letters of conformance to FBC 2007 and "No financial interest", both dated April 19, 2010, signed and sealed by Luis R. Lomas, P.E. (transferred from file # **10-0422.09**)
3. Test lab compliance statement, part of the above referenced reports.
4. Statement addendum letters dated 08/16/10, issued by National Certified Testing Laboratories Inc., signed & sealed by Gerald J, Ferrara, P.E.

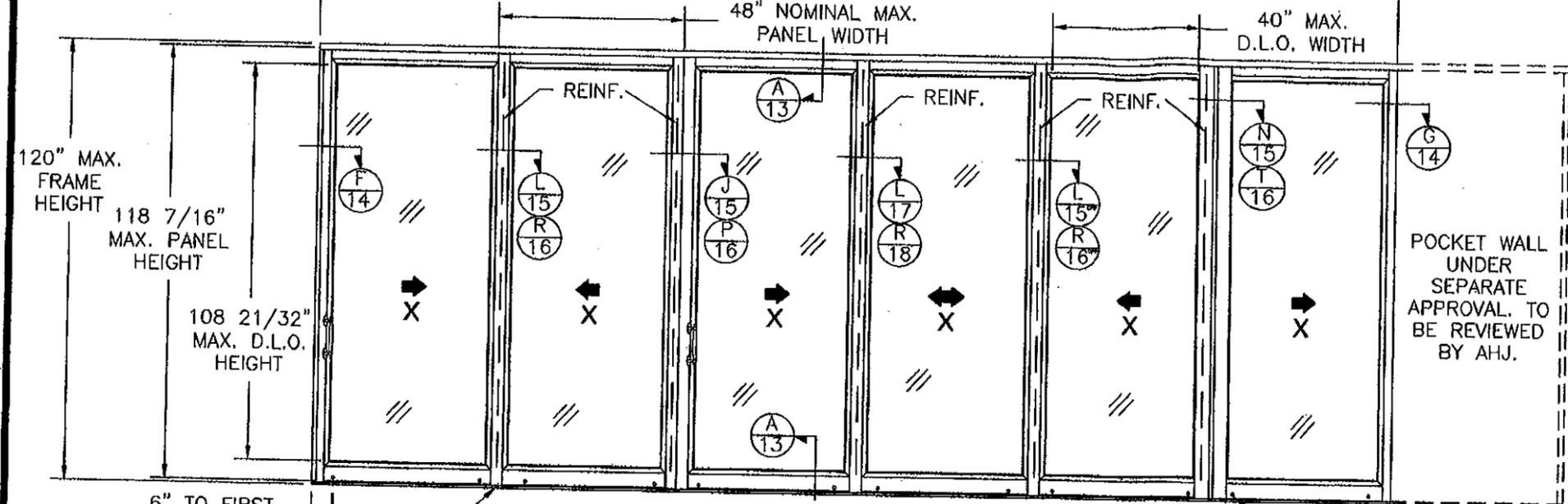
G. OTHER

1. This NOA **revises** NOA # **10-0422.09**, expiring on June 23, 2016.



Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 12-0130.15
Expiration Date: June 23, 2016
Approval Date: April 19, 2012

REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.

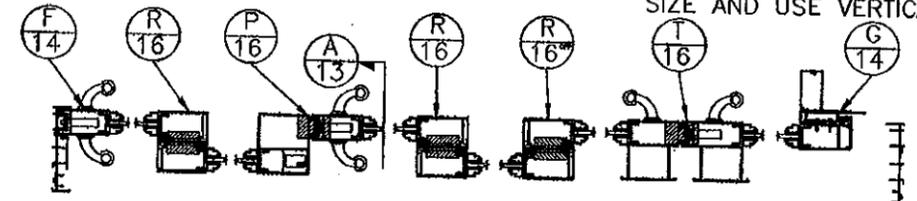


NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2) WOOD FRAMING/1X OR 2X BUCK, 20 GA. 2X WOOD BACKED STEEL STUD OR MASONRY/CONCRETE OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. WOOD FRAMING/2X BUCK, 20 GA. 2X WOOD BACKED STEEL STUD OR MASONRY/CONCRETE OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3) ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 4) FRAME MATERIAL: EXTRUDED ALUMINUM 6063-T6 .075" THICK. PANEL MATERIAL: EXTRUDED ALUMINUM 6063-T6 .080" THICK.
- 5) UNITS MUST BE GLAZED 1/4" TEMPERED OR 1" IGU TEMPERED PER ASTM E1300-04. SEE GLAZING DETAILS SHEET 12.
- 6) APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 7) APPROVED TO BE INSTALLED ON A 2 TRACK, 3 TRACK OR 4 TRACK FRAME SYSTEM WITH OR WITHOUT POCKETS.

8100 SERIES 4'0 x 10'0 NON-IMPACT SGD
TYPICAL ELEVATION EXTERIOR VIEW

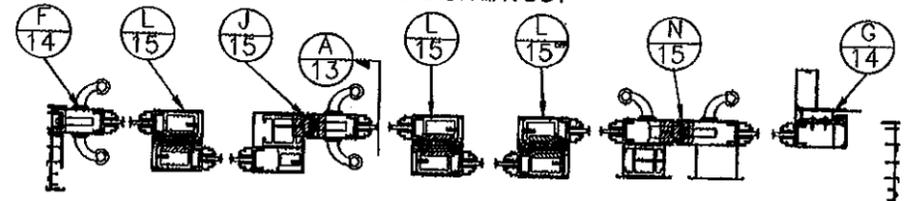
6" TO FIRST WEEP SLOT
WEEP SLOT 1" x .1875" TYP. LOCATED AT ALL VERTICAL CENTER LINES
(6) PANELS SHOWN. UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND USE VERTICAL CONDITIONS AS SHOWN.



NON-REINFORCED WITH SILL RISER ITEM #34	
DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS SHEET 7

8100 SERIES 4'0 x 10'0 NON-IMPACT NON-REINFORCED SGD
2 TRACK LAYOUT



REINFORCED WITH SILL RISER ITEMS #36 AND #37	
DESIGN PRESSURE RATING	IMPACT RATING
±100PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS SHEET 7

8100 SERIES 4'0 x 10'0 NON-IMPACT REINFORCED SGD
2 TRACK LAYOUT

PANEL HEIGHT AND D.L.O. FORMULA
 PANEL HEIGHT = FRAME HEIGHT - 1 9/16"
 D.L.O. HEIGHT = PANEL HEIGHT - 9 25/32"
 D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/4"

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 12-0130.15
 Inspection Date JUNE 23, 2016
 Luis R. Lomas
 Miami Based Product Control

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11 - 12	BILL OF MATERIALS AND GLAZING DETAILS
13 - 19	CROSS SECTIONS
20 - 23	INSTALLATION DETAILS
24 - 26	COMPONENTS

Approved as complying with the Florida Building Code
 Date JUNE 23, 2011
 NDAN 10-0422-09
 Miami Based Product Control
 By: [Signature]

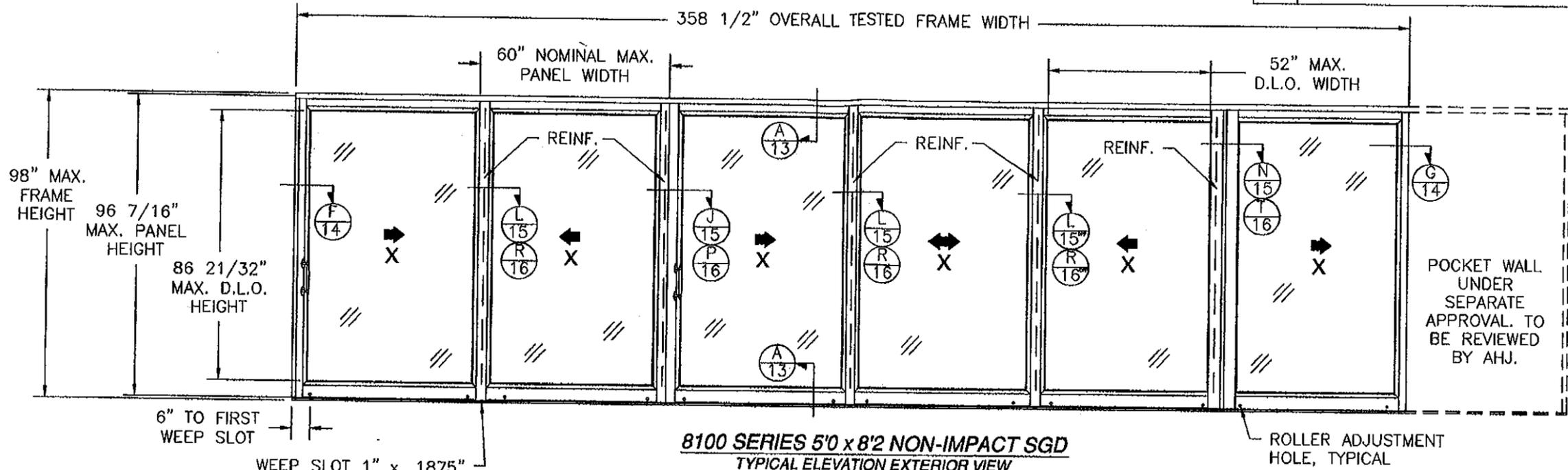
WinDoor INCORPORATED
 7500 AMSTERDAM DRIVE
 ORLANDO, FL 32832
 Phone: 407.481.8400
 Fax: 407.481.0505
 www.windoorinc.com

8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED
 4'0 x 10'0 PANELS 2TRACK ELEVATION

DRAWN: TJH	DWG NO. 08-00943	REV B
SCALE NTS	DATE 02/04/10	SHEET 1 OF 26

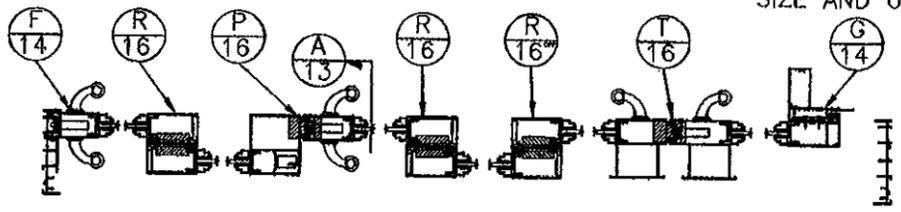
[Signature]
 3/1/11
 Luis R. Lomas P.E.
 Florida No. 62514

REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



8100 SERIES 5'0 x 8'2 NON-IMPACT SGD
TYPICAL ELEVATION EXTERIOR VIEW

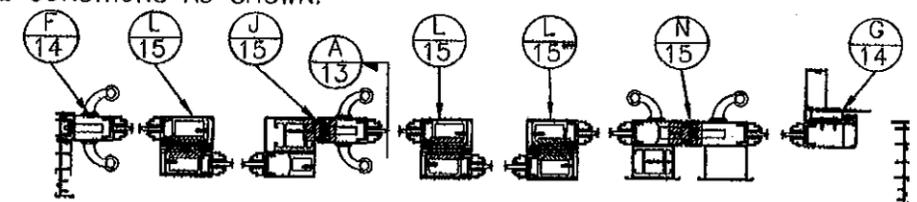
(6) PANELS SHOWN. UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND USE VERTICAL CONDITIONS AS SHOWN.



8100 SERIES 5'0 x 8'2 NON-IMPACT NON-REINFORCED SGD
2 TRACK LAYOUT

NON-REINFORCED WITH SILL RISER ITEM #35	
DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS SHEET 7



8100 SERIES 5'0 x 8'2 NON-IMPACT REINFORCED SGD
2 TRACK LAYOUT

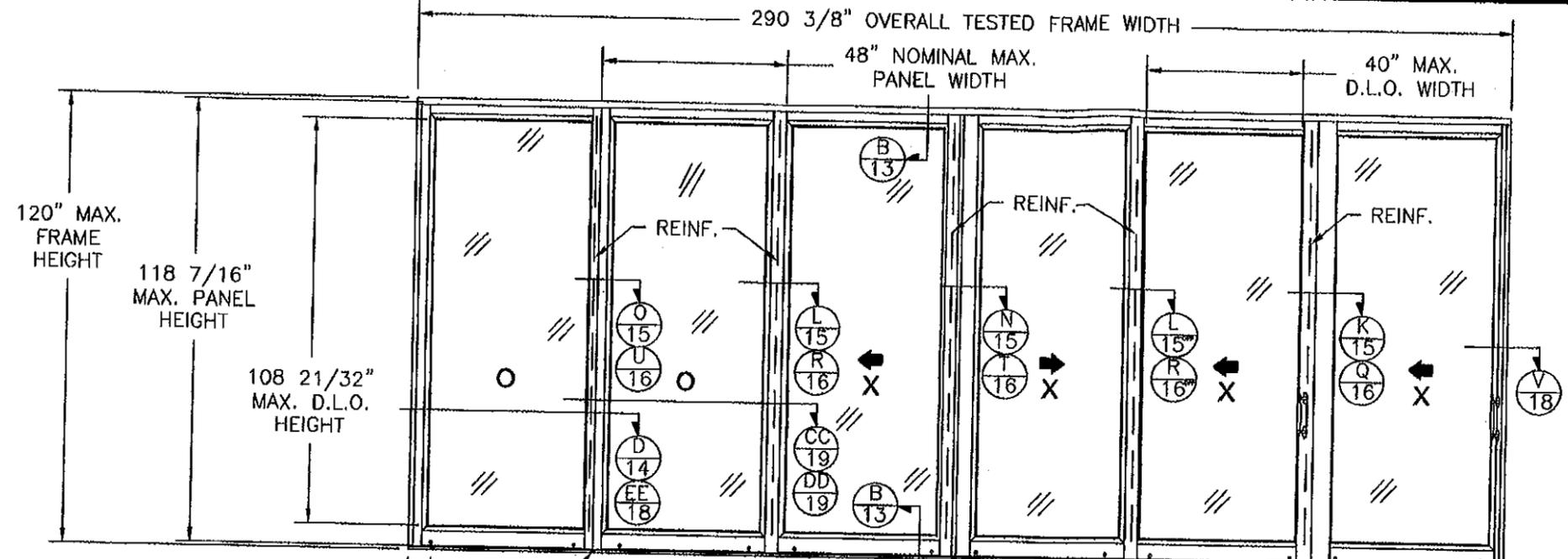
REINFORCED WITH SILL RISER ITEMS #36 AND #37	
DESIGN PRESSURE RATING	IMPACT RATING
±100PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS SHEET 7

PRODUCT REVISED to comply with the Florida Building Code
Assignment No 12-0130.15
Revision Date 6/23/16
By: Ishag J. Chaudhary
Miami Made Product Control

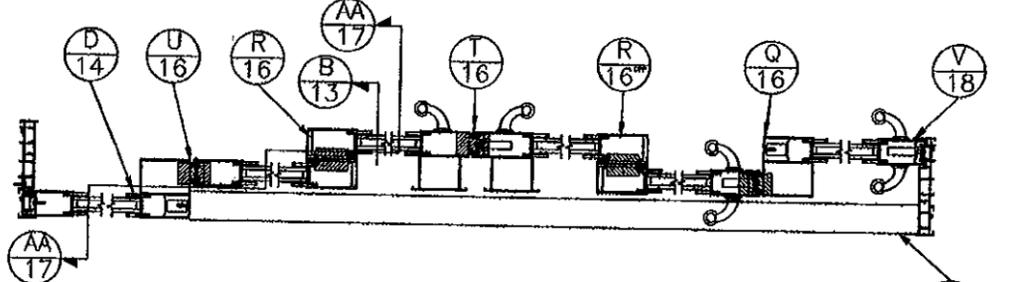
PANEL HEIGHT AND D.L.O. FORMULA
PANEL HEIGHT = FRAME HEIGHT - 1 9/16"
D.L.O. HEIGHT = PANEL HEIGHT - 9 25/32"
D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/4"

<p>Approved as complying with the Florida Building Code Date: JUNE 23, 2011 NOA# 10-0422-09 Miami Made Product Control By: Ishag J. Chaudhary</p>	<p>WinDoor INCORPORATED</p> <p>7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com</p>	<p>Luis R. Lomas P.E. Florida No. 62514</p>
	<p>8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED 5'0 x 8'2 PANELS 2TRACK ELEVATION</p>	
<p>DRAWN: TJH</p>	<p>DWG NO. 08-00943</p>	<p>REV B</p>
<p>SCALE NTS</p>	<p>DATE 02/04/10</p>	<p>SHEET 2 OF 26</p>



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
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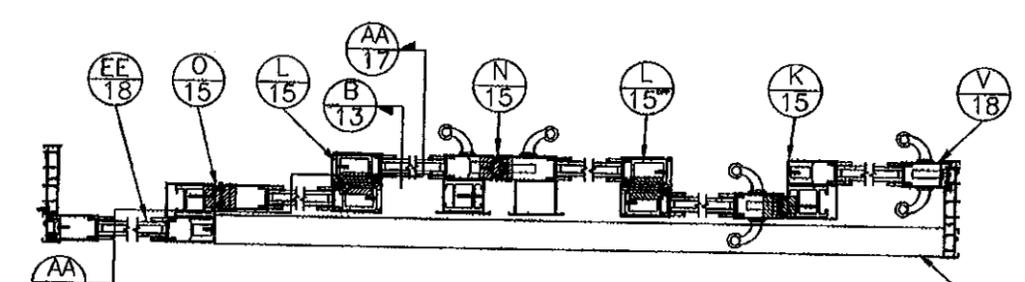
6" TO FIRST WEEP SLOT
 WEEP SLOT 1" x .1875" TYP. LOCATED AT ALL VERTICAL CENTER LINES
8100 SERIES 4'0 x 10'0 NON-IMPACT SGD
 TYPICAL ELEVATION EXTERIOR VIEW
 (6) PANELS SHOWN. UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND USE VERTICAL CONDITIONS AS SHOWN.
 ROLLER ADJUSTMENT HOLE, TYPICAL



8100 SERIES 4'0 x 10'0 NON-IMPACT NON-REINFORCED SGD
 3 TRACK LAYOUT
 NON-REINFORCED WITH SILL RISER ITEM #34

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS SHEET 7



8100 SERIES 4'0 x 10'0 NON-IMPACT REINFORCED SGD
 3 TRACK LAYOUT
 REINFORCED WITH SILL RISER ITEMS #36 AND #37

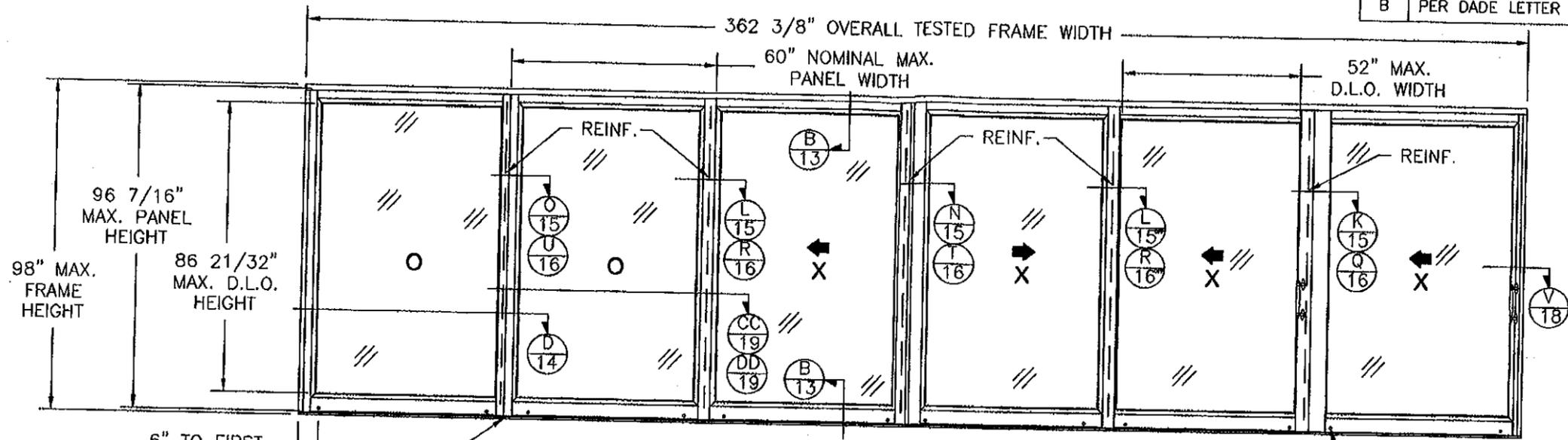
DESIGN PRESSURE RATING	IMPACT RATING
±100PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS SHEET 7

PRODUCT REVISED
 as complying with the Florida Building Code
 Assignment No. 12-0130.15
 Expiration Date 6/23/16
 By: Shag I. Chanda
 Miami Dade Product Control

Approved as complying with the Florida Building Code Date: JUNE 23, 2011 NOA# 10-0422-09 Miami Dade Product Control By: Shag I. Chanda	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
	8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED 4'0 x 10'0 PANELS 3TRACK ELEVATION	
DRAWN: TJH SCALE: NTS	DWG NO.: 08-00943 DATE: 02/04/10	REV: B SHEET 3 OF 26

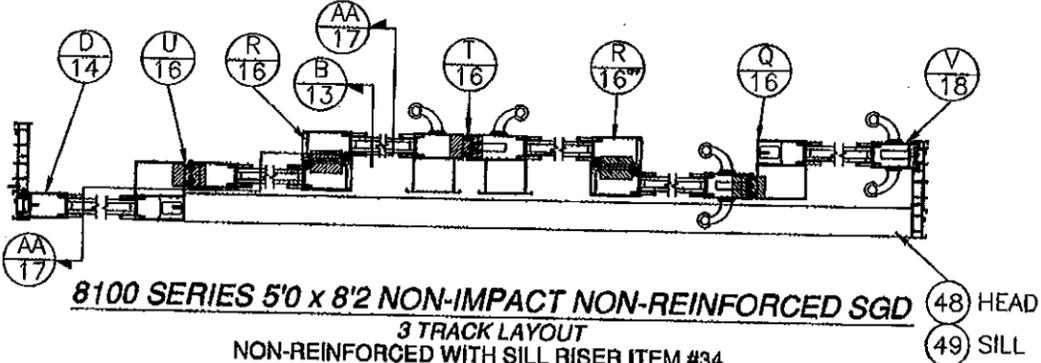
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



8100 SERIES 5'0 x 8'2 NON-IMPACT SGD
TYPICAL ELEVATION EXTERIOR VIEW

6" TO FIRST WEEP SLOT
WEEP SLOT 1" x .1875" TYP. LOCATED AT ALL VERTICAL CENTER LINES

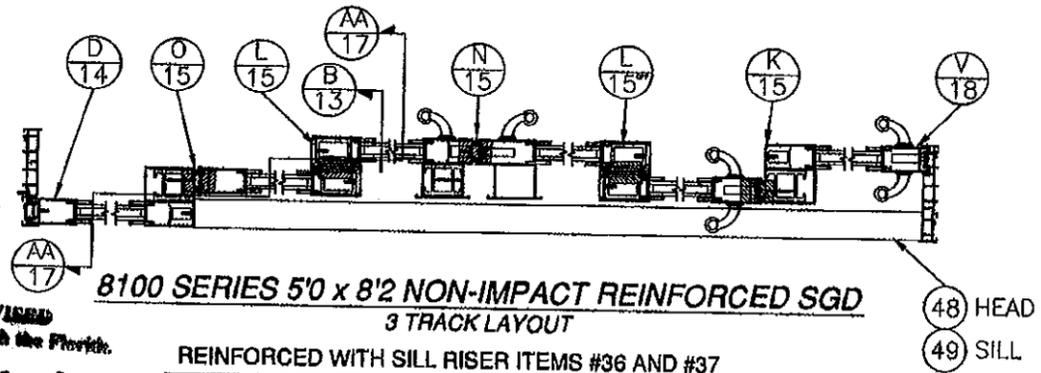
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8100 SERIES 5'0 x 8'2 NON-IMPACT NON-REINFORCED SGD
3 TRACK LAYOUT
NON-REINFORCED WITH SILL RISER ITEM #34

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS SHEET 7



8100 SERIES 5'0 x 8'2 NON-IMPACT REINFORCED SGD
3 TRACK LAYOUT

REINFORCED WITH SILL RISER ITEMS #36 AND #37

DESIGN PRESSURE RATING	IMPACT RATING
±100PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS SHEET 7

PRODUCT REVISED
as complying with the Florida Building Code
Assignment No. 12-0130-15
Expiration Date: 6/23/16
By: *[Signature]*
Miami Dade Product Control

Approved as complying with the Florida Building Code
Date: June 23, 2011
NOAC: 10-0422-09
Miami Dade Product Control
By: *[Signature]*

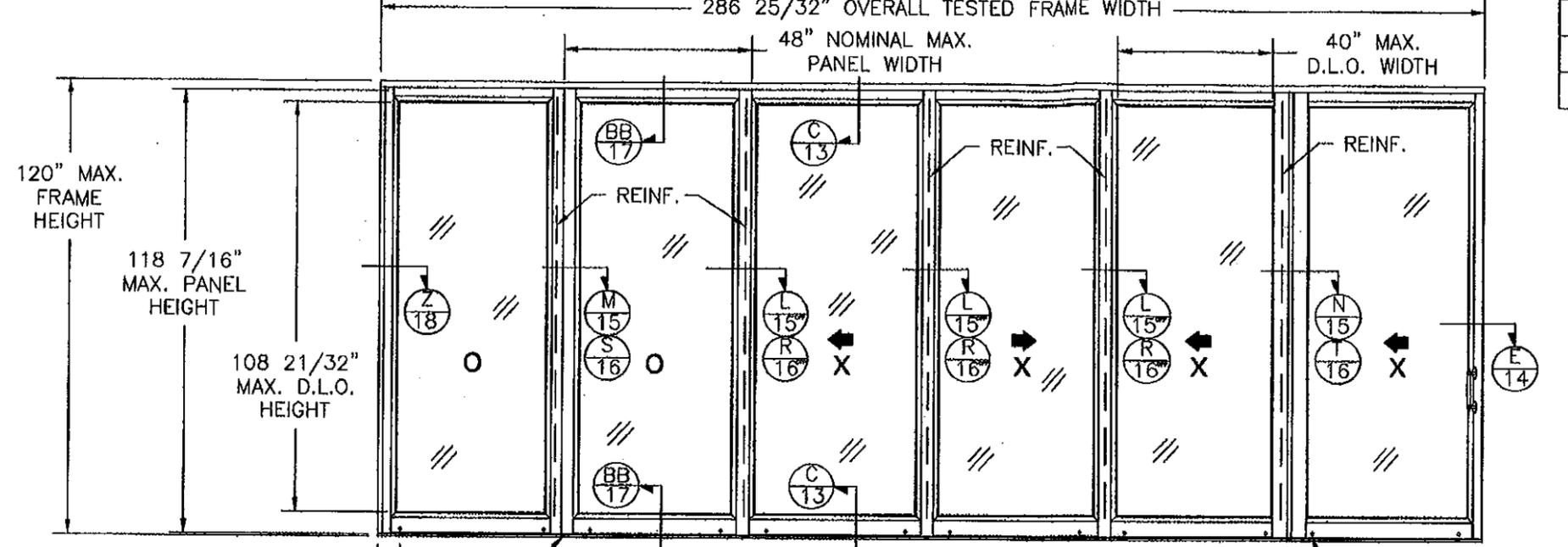
WinDoor INCORPORATED
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www.windoorinc.com

8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED 5'0 x 8'2 PANELS 3TRACK ELEVATION

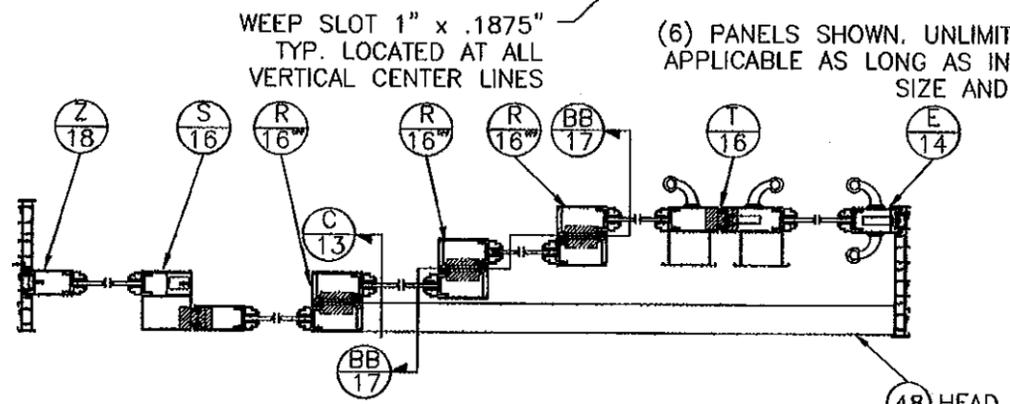
DRAWN: TJH	DWG. NO. 08-00943	REV B
SCALE NTS	DATE 02/04/10	SHEET 4 OF 26

[Signature]
Luis R. Lohias, P.E.
Florida No. 62514

REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



8100 SERIES 4'0 x 10' NON-IMPACT SGD
TYPICAL ELEVATION EXTERIOR VIEW

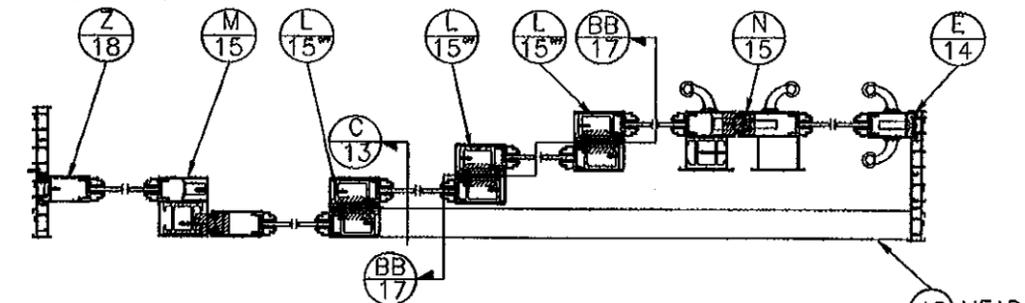


8100 SERIES 4'0 x 10'0 NON-IMPACT NON-REINFORCED SGD
4 TRACK LAYOUT

NON-REINFORCED WITH SILL RISER ITEM #34

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS SHEET 7



8100 SERIES 4'0 x 10'0 NON-IMPACT REINFORCED SGD
4 TRACK LAYOUT

REINFORCED WITH SILL RISER ITEMS #36 AND #37

DESIGN PRESSURE RATING	IMPACT RATING
±100PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS SHEET 7

PRODUCT REVIEW
as complying with the Florida Building Code
Assignment No. 12-0130-15
Expiration Date 6/23/16
By *[Signature]*
Miami Dade Product Control

(Approved as complying with the Florida Building Code
Date JUNE 23, 2011
NOA# 10-0422-03
Miami Dade Product Control
By *[Signature]*

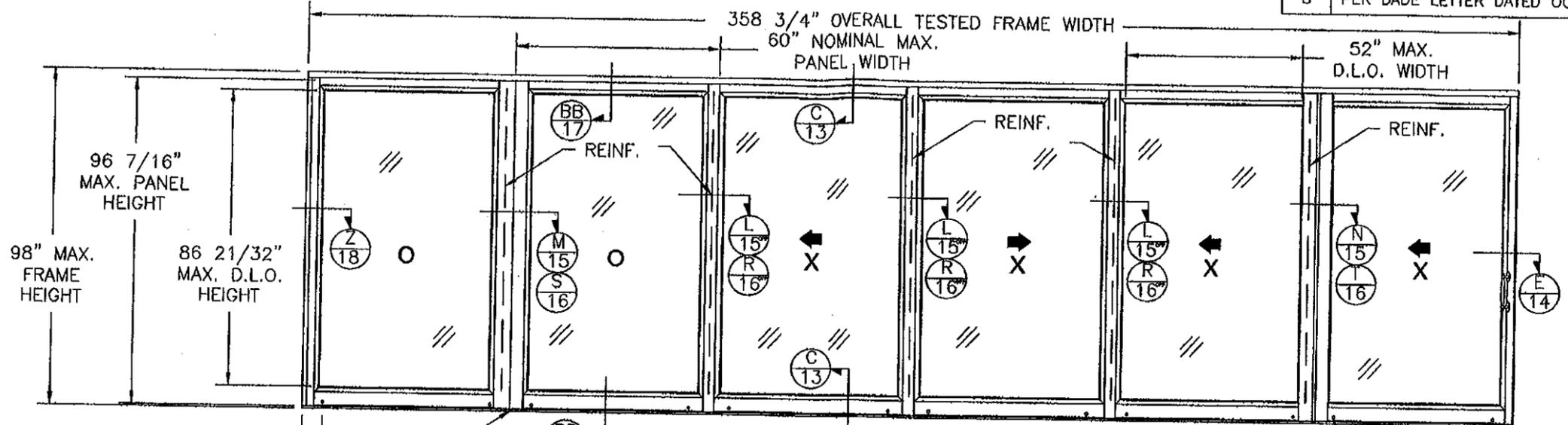
WinDoor INCORPORATED
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Phone: 407.481.8400
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www.winwindowinc.com

8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED 4'0 x 10'0 PANELS 4TRACK ELEVATION

DRAWN: TJH	DWG NO. 08-00943	REV B
SCALE NTS	DATE 02/04/10	SHEET 5 OF 26

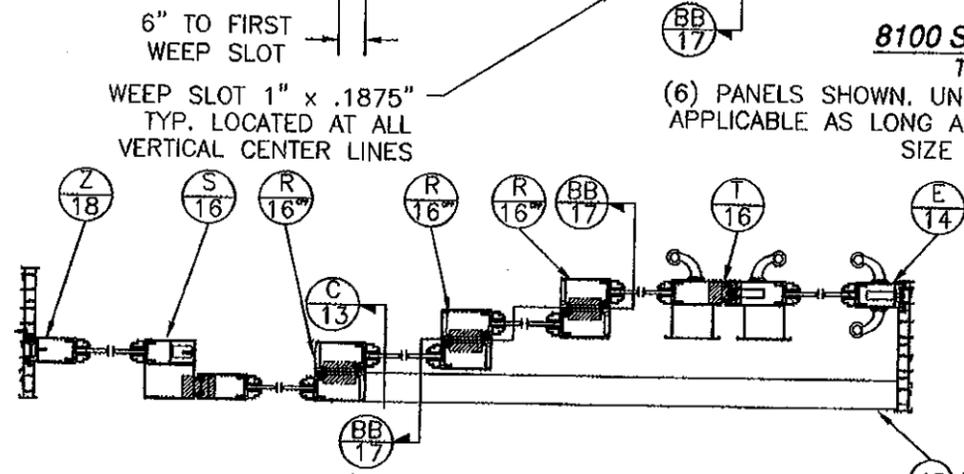
[Signature]
12/10/10
Luis R. Lomas P.E.
Florida (No. 82514)

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



8100 SERIES 5'0 x 8'2 NON-IMPACT SGD
TYPICAL ELEVATION EXTERIOR VIEW

(6) PANELS SHOWN. UNLIMITED NUMBER OF PANELS IN UNLIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL SIZE AND USE VERTICAL CONDITIONS AS SHOWN.

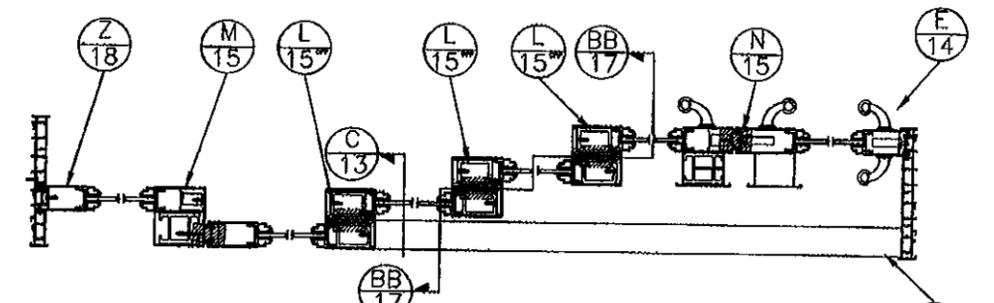


8100 SERIES 5'0 x 8'2 NON-IMPACT NON-REINFORCED SGD
4 TRACK LAYOUT

NON-REINFORCED WITH SILL RISER ITEM #34

DESIGN PRESSURE RATING	IMPACT RATING
±50PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS SHEET 7



8100 SERIES 5'0 x 8'2 NON-IMPACT REINFORCED SGD
4 TRACK LAYOUT

REINFORCED WITH SILL RISER ITEMS #36 AND #37

DESIGN PRESSURE RATING	IMPACT RATING
±100PSF	NONE

FOR ADDITIONAL SIZES SEE CHARTS SHEET 7

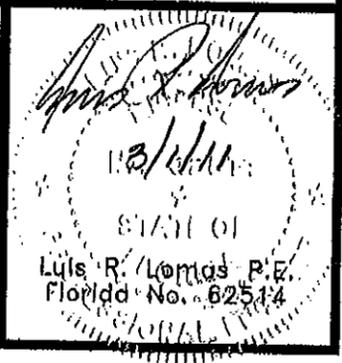
PRODUCT REVISED
as complying with the Florida Building Code
Approval No. 12-0130-15
Expiration Date: 6/23/16
By: *Ishag L. Chaudhry*
Miami Date/Product Control

Approved as complying with the Florida Building Code
Date: *July 23, 2011*
NOA#: *10-0422-05*
Miami Date/Product Control
By: *Ishag L. Chaudhry*

WinDoor INCORPORATED
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8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED 5'0 x 8'2 PANELS 4TRACK ELEVATION

DRAWN: TJH	DWG NO. 08-00943	REV B
SCALE NTS	DATE 02/04/10	SHEET 6 OF 26



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.

NON-REINFORCED UNITS

Maximum design pressure capacity chart (PSF)

8100 Series Aluminum Non-Impact Non-Reinforced SGD with 1 3/4" Sill Riser & 2T Retro Sill, Item 70

Height (in)	Single Panel Width (in)													
	24.0		30.0		36.0		42.0		48.0		54.0		60.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	45.0	75.0	45.0	75.0	45.0	75.0	45.0	75.0	45.0	75.0	45.0	71.3	45.0	68.0
84.0	45.0	75.0	45.0	75.0	45.0	75.0	45.0	75.0	45.0	75.0	45.0	66.3	45.0	63.0
96.0	45.0	75.0	45.0	75.0	45.0	75.0	45.0	73.1	45.0	66.7	45.0	54.8	45.0	51.5
98.0	45.0	75.0	45.0	75.0	45.0	75.0	45.0	71.2	45.0	64.9	45.0	53.2	45.0	50.0
108.0	45.0	75.0	45.0	75.0	45.0	71.1	45.0	63.1	45.0	57.1	-	-	-	-
114.0	45.0	75.0	45.0	75.0	45.0	66.7	45.0	59.0	45.0	53.3	-	-	-	-
120.0	45.0	75.0	45.0	73.1	45.0	62.7	45.0	55.4	45.0	50.0	-	-	-	-

REINFORCED UNITS

Maximum design pressure capacity chart (PSF)

8100 Series Aluminum Non-Impact Reinforced SGD with 3" Sill Riser & 2T Retro Sill, Item 70

Height (in)	Single Panel Width (in)													
	24.0		30.0		36.0		42.0		48.0		54.0		60.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	142.6	80.0	136.0
84.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	132.6	80.0	125.9
96.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	146.3	80.0	133.3	80.0	109.5	80.0	103.0
98.0	80.0	150.0	80.0	150.0	80.0	150.0	80.0	142.5	80.0	129.7	80.0	106.4	80.0	100.0
108.0	80.0	150.0	80.0	150.0	80.0	142.2	80.0	126.1	80.0	114.3	-	-	-	-
114.0	80.0	150.0	80.0	150.0	80.0	133.3	80.0	118.0	80.0	106.7	-	-	-	-
120.0	80.0	150.0	80.0	146.3	80.0	125.5	80.0	110.8	80.0	100.0	-	-	-	-

Maximum design pressure capacity chart (PSF)

8100 Series Aluminum Non-Impact Non-Reinforced SGD with 2 1/4" Sill Riser & 2T Retro Sill, Item 70

Height (in)	Single Panel Width (in)													
	24.0		30.0		36.0		42.0		48.0		54.0		60.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	71.3	60.0	68.0
84.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	66.3	60.0	63.0
96.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	73.1	60.0	66.7	54.8	54.8	51.5	51.5
98.0	60.0	75.0	60.0	75.0	60.0	75.0	60.0	71.2	60.0	64.9	53.2	53.2	50.0	50.0
108.0	60.0	75.0	60.0	75.0	60.0	71.1	60.0	63.1	60.0	57.1	-	-	-	-
114.0	60.0	75.0	60.0	75.0	60.0	66.7	59.0	59.0	53.3	53.3	-	-	-	-
120.0	60.0	75.0	60.0	73.1	60.0	62.7	55.4	55.4	50.0	50.0	-	-	-	-

Maximum design pressure capacity chart (PSF)

8100 Series Aluminum Non-Impact Reinforced SGD with 3 1/2" Sill Riser & 2T Retro Sill, Item 70

Height (in)	Single Panel Width (in)													
	24.0		30.0		36.0		42.0		48.0		54.0		60.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	142.6	100.0	136.0
84.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	132.6	100.0	125.9
96.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	146.3	100.0	133.3	100.0	109.5	100.0	103.0
98.0	100.0	150.0	100.0	150.0	100.0	150.0	100.0	142.5	100.0	129.7	100.0	106.4	100.0	100.0
108.0	100.0	150.0	100.0	150.0	100.0	142.2	100.0	126.1	100.0	114.3	-	-	-	-
114.0	100.0	150.0	100.0	150.0	100.0	133.3	100.0	118.0	100.0	106.7	-	-	-	-
120.0	100.0	150.0	100.0	146.3	100.0	125.5	100.0	110.8	100.0	100.0	-	-	-	-

Maximum design pressure capacity chart (PSF)

8100 Series Aluminum Non-Impact Reinforced SGD with 4 1/4" Sill Riser

Height (in)	Single Panel Width (in)													
	24.0		30.0		36.0		42.0		48.0		54.0		60.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
80.0	125.3	150.0	125.3	150.0	125.3	150.0	125.3	150.0	125.3	150.0	125.3	142.6	125.3	136.0
84.0	125.3	150.0	125.3	150.0	125.3	150.0	125.3	150.0	125.3	150.0	125.3	132.6	125.3	125.9
96.0	125.3	150.0	125.3	150.0	125.3	150.0	125.3	146.3	125.3	133.3	109.5	109.5	103.0	103.0
98.0	125.3	150.0	125.3	150.0	125.3	150.0	125.3	142.5	125.3	129.7	106.4	106.4	100.0	100.0
108.0	125.3	150.0	125.3	150.0	125.3	142.2	125.3	126.1	114.3	114.3	-	-	-	-
114.0	125.3	150.0	125.3	150.0	125.3	133.3	118.0	118.0	106.7	106.7	-	-	-	-
120.0	125.3	150.0	125.3	146.3	125.3	125.5	110.8	110.8	100.0	100.0	-	-	-	-

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Amendment No. 12-0130-15
 Expiration Date 6/23/16
 By: Ishrag I. Chaudhry
 Miami Dade Product Control

PANEL HEIGHT AND D.L.O. FORMULA
 PANEL HEIGHT = FRAME HEIGHT - 1 9/16"
 D.L.O. HEIGHT = PANEL HEIGHT - 9 25/32"
 D.L.O. WIDTH = NOMINAL PANEL WIDTH - 9 1/4"

Approved as complying with the
 Florida Building Code
 Date: JUN 23, 2011
 NOA# 10-0422-09
 Miami Dade Product Control
 By: Ishrag I. Chaudhry

WinDoor
 INCORPORATED

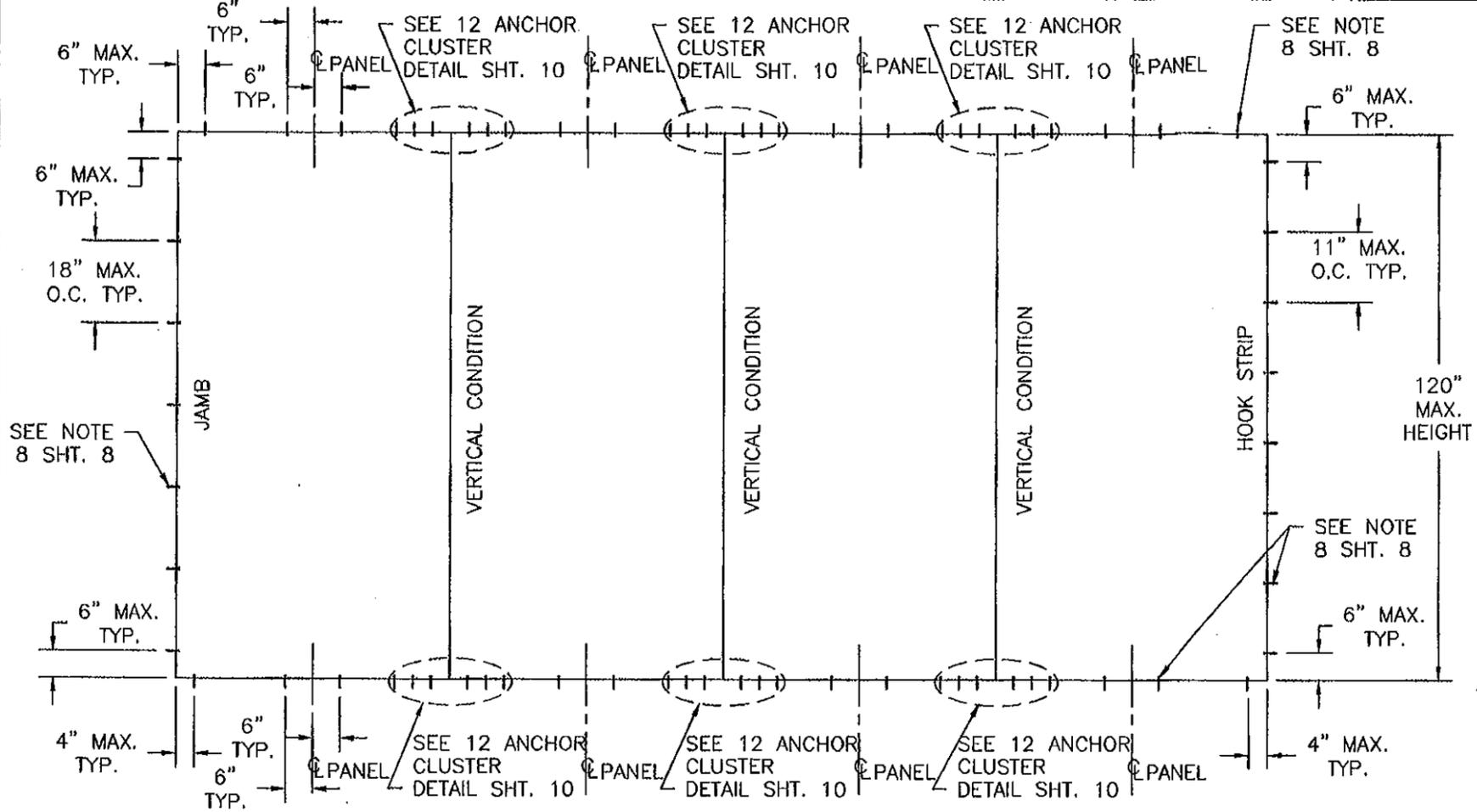
7500 AMSTERDAM DRIVE
 ORLANDO, FL 32832
 Phone: 407.481.8400
 Fax: 407.481.0505
 www.windoorinc.com

8100 SERIES ALUMINUM SGD NON-IMPACT
 REINFORCED & NON-REINFORCED
 DESIGN PRESSURE CHARTS

DRAWN: TJH
 DWG NO. 08-00943
 REV B
 SCALE NTS DATE 02/04/10 SHEET 7 OF 26

Luis R. Lomas
 3/1/11
 Luis R. Lomas P.E.
 Florida No. 52514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



4'0 x 10'0 ANCHORING LAYOUT NON-REINFORCED AND REINFORCED UNITS
4-PANEL UNIT SHOWN, APPLICABLE TO ALL CONFIGURATIONS USING SAME ANCHOR CLUSTER AND PATTERN

ANCHORING NOTES:

- 1) ALL FRAME SYSTEMS, 2 TRACK, 3 TRACK AND 4 TRACK, HAVE TWO ANCHORS AT EACH LOCATION SHOWN IN HEAD, SILL AND JAMBS.
- 2) ALL FRAME SYSTEMS, 2 TRACK, 3 TRACK AND 4 TRACK, HAVE ONE ANCHOR AT EACH LOCATION IN HOOK STRIP.
- 3) FOR ANCHORING INTO MASONRY/CONCRETE THROUGH A PROPERLY SECURED 1X NON-STRUCTURAL WOOD BUCK USE 1/4" ITW TAPCON WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE AND 2 3/8" MINIMUM SEPARATION. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 4) FOR ANCHORING INTO WOOD FRAMING, 2X BUCK OR 2X WOOD BACKED 20 GA. MINIMUM STEEL STUD USE #14 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 5) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE LOAD BEARING SHIM TO BE 1/4".
- 6) ALL FASTENERS TO BE CORROSION RESISTANT.
- 7) 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 3,192 PSI.
 C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 D. METAL FRAMING - 20 GA (.040) MINIMUM THICKNESS WITH 2X WOOD BACKING.
- 8) THERE ARE TWO (2) INSTALLATION ANCHORS AT EACH ANCHOR LOCATION IN HEAD, SILL AND JAMBS. THERE IS ONLY ONE (1) INSTALLATION ANCHOR AT EACH ANCHOR LOCATION IN HOOK STRIP.

NUMBER OF ANCHOR LOCATIONS AT HOOKSTRIP

Height (in)	Single Panel Width (in)						
	24.0	30.0	36.0	42.0	48.0	54.0	60.0
80.0	8	8	8	8	8	8	8
84.0	8	8	8	8	8	8	8
96.0	9	9	9	9	9	9	9
98.0	9	9	9	9	9	9	9
108.0	10	10	10	10	10	-	-
114.0	11	11	11	11	11	-	-
120.0	11	11	11	11	11	-	-

NUMBER OF ANCHOR LOCATIONS AT JAMBS

Height (in)	Single Panel Width (in)						
	24.0	30.0	36.0	42.0	48.0	54.0	60.0
80.0	5	5	5	5	5	5	5
84.0	5	5	5	5	5	5	5
96.0	6	6	6	6	6	6	6
98.0	6	6	6	6	6	6	6
108.0	7	7	7	7	7	-	-
114.0	7	7	7	7	7	-	-
120.0	7	7	7	7	7	-	-

PRODUCT REVISED
 as complying with the Florida Building Code
 Amendment No. 12-0130-15
 Expiration Date 6/23/16
 By Ismael I. Chanda
 Miami Dade Product Control

Approved as complying with the Florida Building Code
 Date: JUNE 23, 2011
 BY: ISMAEL I. CHANDA
 Miami Dade Product Control

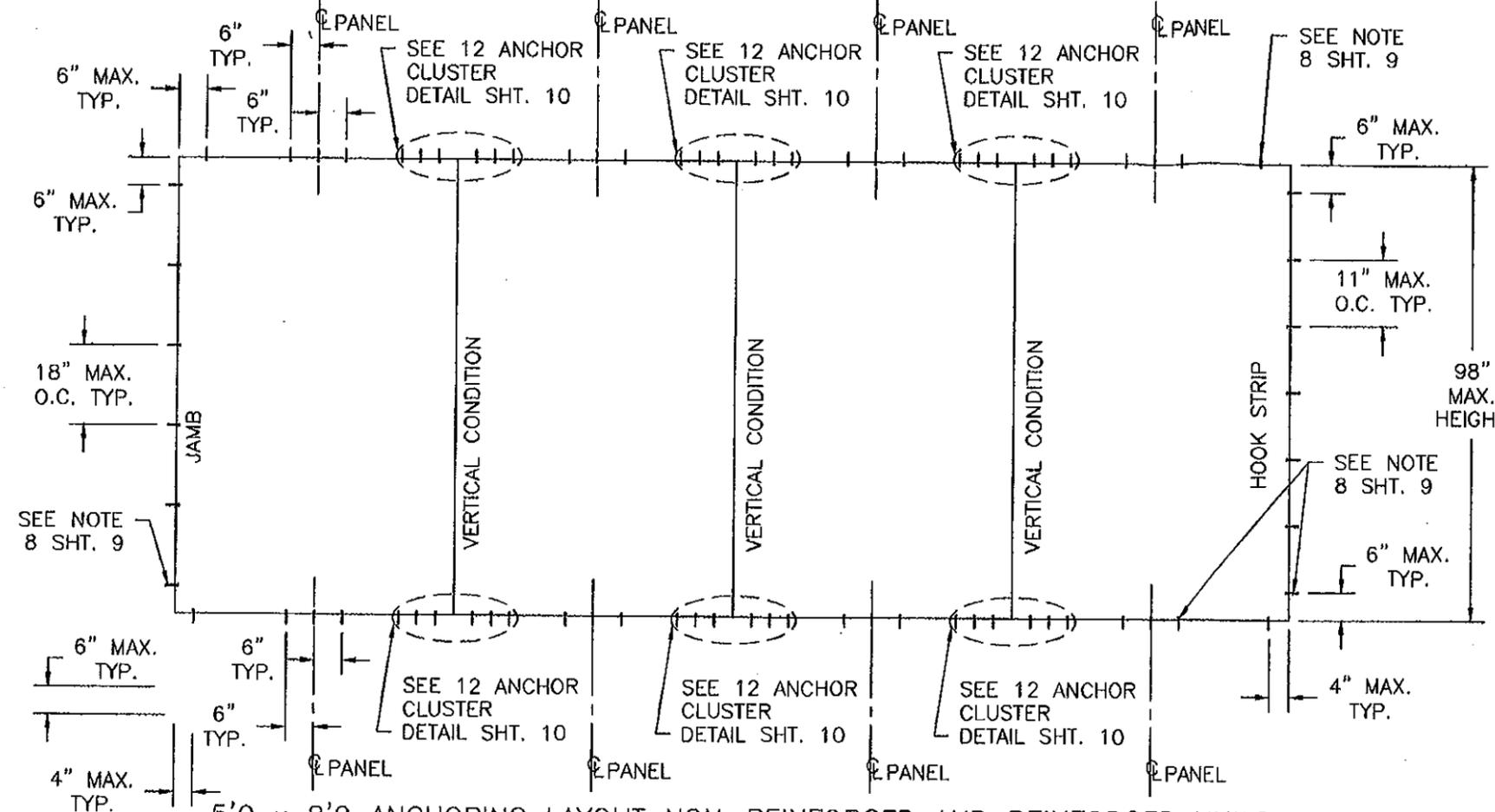
WinDoor INCORPORATED
 7500 AMSTERDAM DRIVE
 ORLANDO, FL 32832
 Phone: 407.481.8400
 Fax: 407.481.0505
 www.windoorinc.com

8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED
 4'0 x 10'0 ANCHORING AND NOTES

DRAWN: TJH
 DWG NO. 08-00943
 SCALE NTS
 DATE 02/04/10
 SHEET 8 OF 26

[Signature]
 Luis R. Lomas P.E.
 Florida No. 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



5'0 x 8'2 ANCHORING LAYOUT NON-REINFORCED AND REINFORCED UNITS
 4PANEL UNIT SHOWN, APPLICABLE TO ALL CONFIGURATIONS USING SAME ANCHOR CLUSTER AND PATTERN

ANCHORING NOTES:

- 1) ALL FRAME SYSTEMS, 2 TRACK, 3 TRACK AND 4 TRACK, HAVE TWO ANCHORS AT EACH LOCATION SHOWN IN HEAD, SILL AND JAMBS.
- 2) ALL FRAME SYSTEMS, 2 TRACK, 3 TRACK AND 4 TRACK, HAVE ONE ANCHOR AT EACH LOCATION IN HOOK STRIP.
- 3) FOR ANCHORING INTO MASONRY/CONCRETE THROUGH A PROPERLY SECURED 1X NON-STRUCTURAL WOOD BUCK USE 1/4" ITW TAPCON WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE AND 2 3/8" MINIMUM SEPARATION. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 4) FOR ANCHORING INTO WOOD FRAMING, 2X BUCK OR 2X WOOD BACKED 20 GA. MINIMUM STEEL STUD USE #14 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 5) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE LOAD BEARING SHIM TO BE 1/4".
- 6) ALL FASTENERS TO BE CORROSION RESISTANT.
- 7) 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 3,192 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL FRAMING - 20 GA (.040) MINIMUM THICKNESS WITH 2X WOOD BACKING.
- 8) THERE ARE TWO (2) INSTALLATION ANCHORS AT EACH ANCHOR LOCATION IN HEAD, SILL AND JAMBS. THERE IS ONLY ONE (1) INSTALLATION ANCHOR AT EACH ANCHOR LOCATION IN HOOK STRIP.

NUMBER OF ANCHOR LOCATIONS AT HOOKSTRIP

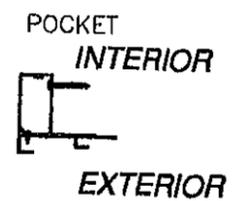
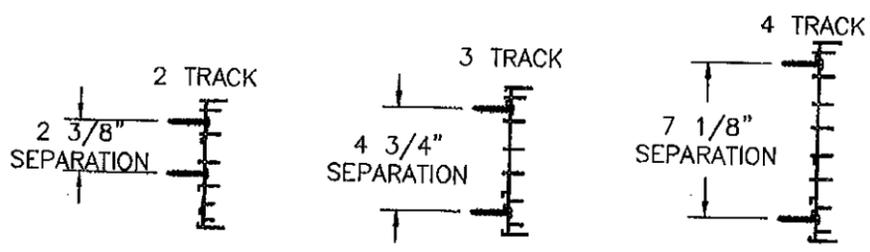
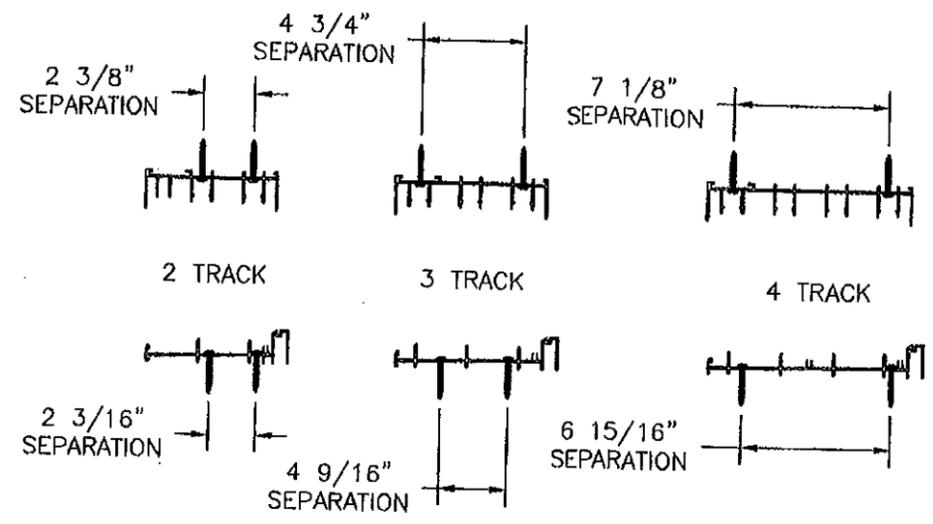
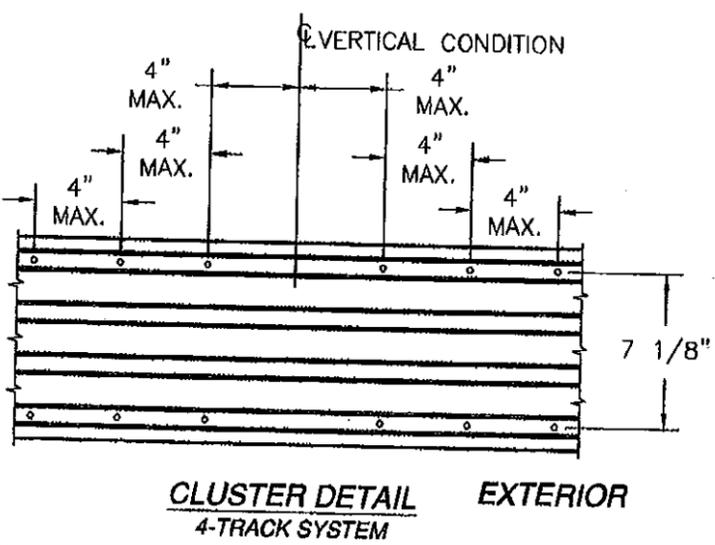
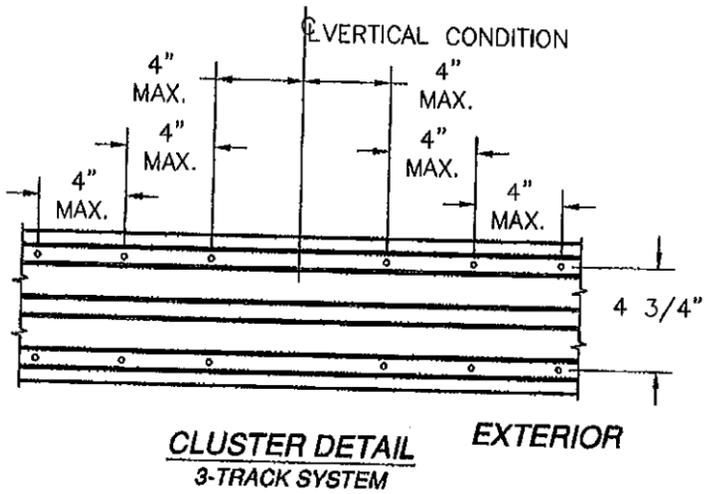
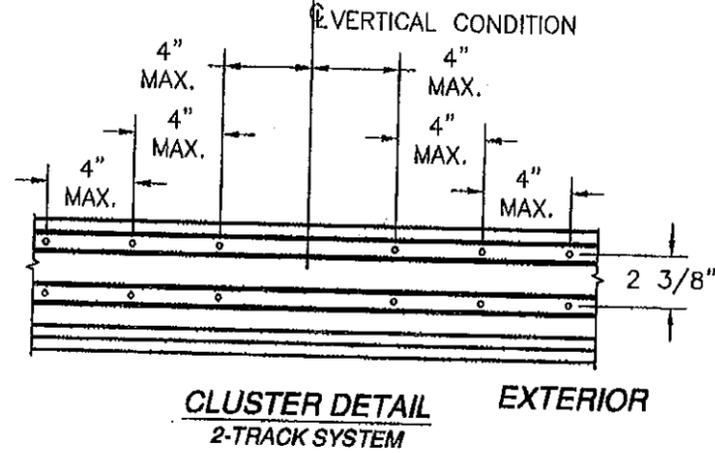
Height (in)	Single Panel Width (in)						
	24.0	30.0	36.0	42.0	48.0	54.0	60.0
80.0	8	8	8	8	8	8	8
84.0	8	8	8	8	8	8	8
98.0	9	9	9	9	9	9	9
98.0	9	9	9	9	9	9	9
108.0	10	10	10	10	10	-	-
114.0	11	11	11	11	11	-	-
120.0	11	11	11	11	11	-	-

NUMBER OF ANCHOR LOCATIONS AT JAMBS

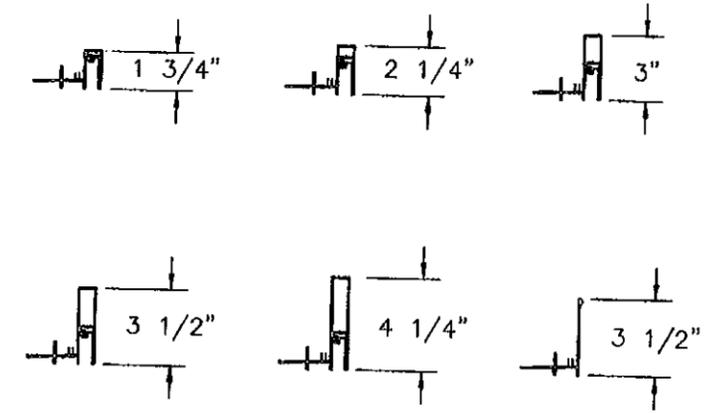
Height (in)	Single Panel Width (in)						
	24.0	30.0	36.0	42.0	48.0	54.0	60.0
80.0	5	5	5	5	5	5	5
84.0	5	5	5	5	5	5	5
98.0	6	6	6	6	6	6	6
98.0	6	6	6	6	6	6	6
108.0	7	7	7	7	7	-	-
114.0	7	7	7	7	7	-	-
120.0	7	7	7	7	7	-	-

PRODUCT REVIEWED
 as complying with the Florida Building Code
 Acceptance No. 12-0130-15
 Expiration Date 6/23/16
 By: *Lshag L. Chavez*
 Miami Dade Product Control

Approved as complying with the Florida Building Code Date: <i>JUNE 23, 2011</i> NOA# <i>1050422-09</i> Miami Dade Product Control By: <i>Lshag L. Chavez</i>	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
	8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED 5'0 x 8'2 ANCHORING AND NOTES	
DRAWN: TJH SCALE NTS	DWG NO. 08-00943 DATE 02/04/10	REV B SHEET 9 OF 26



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 12-0130-15
Expiration Date 6/23/16
By *Luigi R. Tomas*
Miami Dade Product Control

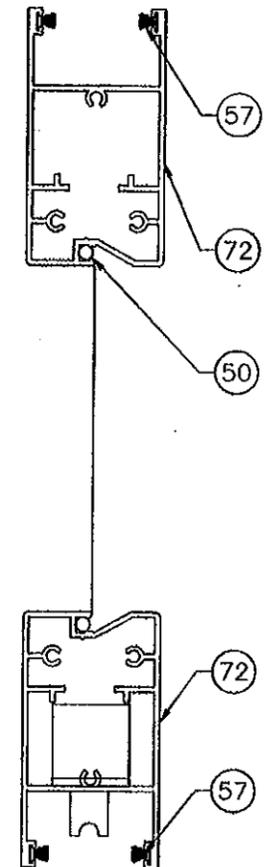
PANEL CONSTRUCTION:
ALL PANELS ARE CONSTRUCTED FROM EXTRUDED 6063-T6 ALUMINUM. VERTICAL STILES ARE NOTCHED TO RECEIVE HORIZONTAL RAILS. EACH RAIL IS SECURED TO STILES WITH (3) #10 x 1 1/4" SQ. DRIVE SCREW AT EACH END, ITEM #47. ALL PANELS HAVE AN INTERIOR AND EXTERIOR APPLIED GLAZING STOP.

FRAME CONSTRUCTION:
EACH FRAME CORNER IS NOTCHED AND BUTTED. HEAD AND SILL ARE SECURED TO JAMBS WITH #7 x 5/8" TYPE A SCREW, ITEM #64, (2) AT EACH CORNER ON 2 TRACK AND 3 TRACK FRAME AND (3) AT EACH CORNER ON 4 TRACK FRAME.

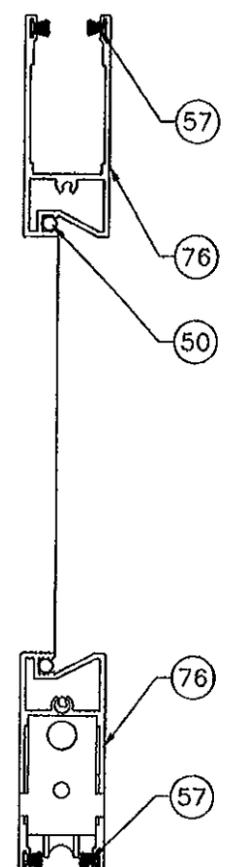
Approved as complying with the Florida Building Code Date <u>JUNE 23, 2011</u> NOA# <u>16-0422-09</u> Miami Dade Product Control By <i>Luigi R. Tomas</i>	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com		
	8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED ANCHORING DETAILS AND NOTES		
DRAWN: TJH	DWG NO. 08-00943	REV B	LUIS R. TOMAS, P.E. Florida No. 62514
SCALE NTS	DATE 02/04/10	SHEET 10 OF 26	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.

NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	FS-04641	2 TRACK WS FRAME HEAD	KEYMARK	ALUMINUM 6063-T6
2	FS-04788	2 TRACK WS FRAME JAMB	KEYMARK	ALUMINUM 6063-T6
3	S-44119	2 TRACK NSWS SILL PAN	KEYMARK	ALUMINUM 6063-T6
4	S-44121	2 TRACK WS SILL INSERT	KEYMARK	ALUMINUM 6063-T6
5		NOT USED		
6		NOT USED		
7	FS-02180	3 TRACK FRAME HEAD	KEYMARK	ALUMINUM 6063-T6
8	FS-02181	3 TRACK FRAME JAMB	KEYMARK	ALUMINUM 6063-T6
9	S-44123	3 TRACK SILL PAN	KEYMARK	ALUMINUM 6063-T6
10	S-44117	3 TRACK SILL INSERT	KEYMARK	ALUMINUM 6063-T6
11	FS-02071	4 TRACK FRAME HEAD	KEYMARK	ALUMINUM 6063-T6
12	FS-02070	4 TRACK FRAME JAMB	KEYMARK	ALUMINUM 6063-T6
13	S-44118	4 TRACK SILL PAN	KEYMARK	ALUMINUM 6063-T6
14	S-22124	4 TRACK SILL INSERT	KEYMARK	ALUMINUM 6063-T6
15	FS-01882	FRAME HEAD INSERT	KEYMARK	ALUMINUM 6063-T6
16	FS-01883	FRAME JAMB INSERT	KEYMARK	ALUMINUM 6063-T6
17	FH-01869	TOP RAIL	KEYMARK	ALUMINUM 6063-T6
18	FH-04723	BOTTOM RAIL	KEYMARK	ALUMINUM 6063-T6
19	FS-04766	TALL BOTTOM RAIL	KEYMARK	ALUMINUM 6063-T6
20	NPG	PANEL GUIDE		NYLON
21	FH-01871	LOCK STILE	KEYMARK	ALUMINUM 6063-T6
22	FH-05044	INTERLOCK STILE	KEYMARK	ALUMINUM 6063-T6
23	FH-04767	FEMALE BUTT STILE EXT. OFFSET	KEYMARK	ALUMINUM 6063-T6
24	FH-04750	MALE BUTT STILE EXT. OFFSET	KEYMARK	ALUMINUM 6063-T6
25	FH-04826	FEMALE BUTT STILE INT. OFFSET	KEYMARK	ALUMINUM 6063-T6
26	P7569AM	DUST PAD 1.244" x .5" x 2.34"		
27	FS-04747	BUMPER JAMB INSERT	KEYMARK	ALUMINUM 6063-T6
28	FS-04754	PLAIN STILE INTERLOCK	KEYMARK	ALUMINUM 6063-T6
29	FS-04755	PLAIN STILE INTERLOCK COVER	KEYMARK	ALUMINUM 6063-T6
30	FS-05382	INTERLOCK SNAP COVER	KEYMARK	ALUMINUM 6063-T6
31	FS-02728	STILE JAMB INSERT	KEYMARK	ALUMINUM 6063-T6
32	FS-02726	PANEL STILE JAMB INSERT	KEYMARK	ALUMINUM 6063-T6
33	FH-03693	1 3/4" SILL RISER	KEYMARK	ALUMINUM 6063-T6
34	FH-03652	2 1/4" SILL RISER	KEYMARK	ALUMINUM 6063-T6
35	FH-03653	3" SILL RISER	KEYMARK	ALUMINUM 6063-T6
36	FH-03654	3 1/2" SILL RISER	KEYMARK	ALUMINUM 6063-T6
37	FH-03655	4 1/4" SILL RISER	KEYMARK	ALUMINUM 6063-T6
38	FS-02173	HOOK STRIP	KEYMARK	ALUMINUM 6063-T6
39	FS-04476	HOOK STRIP WALL COVER	KEYMARK	ALUMINUM 6063-T6
40	FS-04477	HOOK STRIP WALL MOUNT	KEYMARK	ALUMINUM 6063-T6
41	FH-01876	1/4" HORIZONTAL GLASS STOP	KEYMARK	ALUMINUM 6063-T6
42	FH-01875	1/4" VERTICAL GLASS STOP	KEYMARK	ALUMINUM 6063-T6



**MT SCREEN
VERTICAL CROSS
SECTION**
TO BE USED WITH 2 TRACK,
2 TRACK RETRO, 3 TRACK
AND 4 TRACK FRAME SYSTEMS



**BOX SCREEN
VERTICAL CROSS
SECTION**
TO BE USED WITH 2 TRACK WS
AND 2 TRACK RETRO WS
FRAME SYSTEMS

PRODUCT REVISED
to comply with the Florida
Building Code
Assignment No. 12-0130-15
Expiration Date 6/23/16
By Luis R. Lomas
Miami Dade Product Control

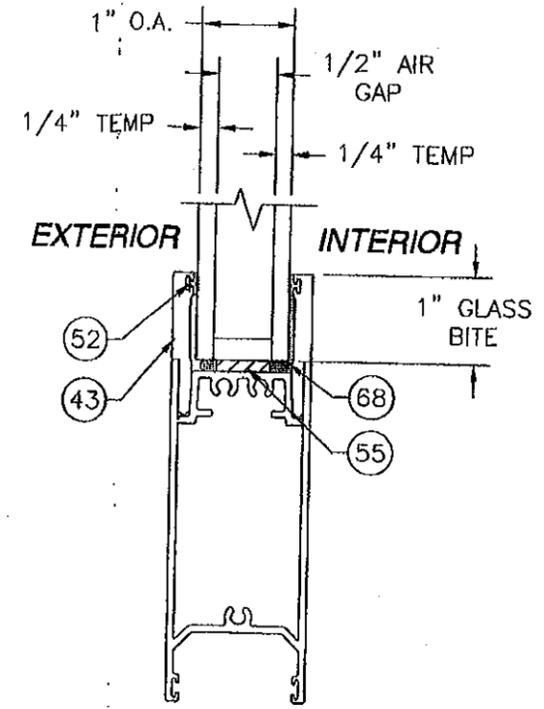
PARTS LIST CONTINUED
ON SHEET 12

Approved as complying with the Florida Building Code Date <u>JUNE 23, 2011</u> NOAH <u>10-0422-09</u> Miami Dade Product Control By <u>Luis R. Lomas</u>	WinDoor INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com
	8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED BILL OF MATERIALS AND SCREEN CROSS SECTIONS		
DRAWN: TJH	DWG NO. 08-00943	REV B	
SCALE NTS	DATE 02/04/10	SHEET 11 OF 26	

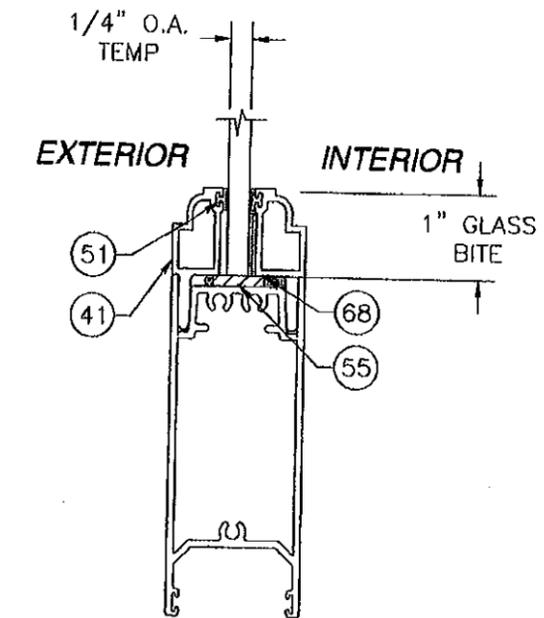
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
43	FS-01879	1" HORIZONTAL GLASS STOP	KEYMARK	ALUMINUM 6063-T6
44	FS-01880	1" VERTICAL GLASS STOP	KEYMARK	ALUMINUM 6063-T6
45	FH-02642	6000 BUTT STILE REINFORCING BAR	KEYMARK	ALUMINUM 6061-T6
46	FH-05045	INTERLOCK REINFORCING BAR	KEYMARK	ALUMINUM 6005-T6
47	FH-03916	FEMALE BUTT STILE REINFORCING BAR	KEYMARK	ALUMINUM 6005-T6
48	FS-02210	FRAME HEAD COVER	KEYMARK	ALUMINUM 6063-T6
49	FS-02208	SILL COVER	KEYMARK	ALUMINUM 6063-T6
50		SCREEN SPLINE		
51	TP875	1/4" GLAZING VINYL		VINYL
52	TP1051	1" GLAZING VINYL		VINYL
53	#1988-9000	TANDEM ROLLER		
54	2468	DUAL POINT MORTISE LOCK & KEEPER		
55	TP990	GLASS SETTING BLOCK		
56	TP876	INTERLOCK BUMPER		RUBBER
57	W333517K0000	FINSEAL .187 x .350		
58	W332217K0000	FINSEAL .187 x .240		
59	W231417K0000	FINSEAL .187 x .140		
60	131017	#8 x 1/2" PH TEK SCREW		
61	S-44115	2 TRACK NS INSERT	KEYMARK	ALUMINUM 6063-T6
62	131018	#8 x 3/8" PH TYPE B SS		18-8 SS
63	131004	#10 x 1 1/4" TYPE F SS		
64	131020	#7 x 5/8" PH TYPE A SS		410 SS
65	131011	#8 x 2" FH TEK SCREW		410 SS
66	131009	#10 x 3/4" FH TEK SCREW		410 SS
67	LCS068-N5	SNAP IN SILL GATE		PLASTIC
68	SIKAFAST 552	GLAZING COMPOUND	SIKA	URETHANE
69		NOT USED		
70	S-44120	2 TRACK NS/WS RETRO SILL PAN	KEYMARK	ALUMINUM 6063-T6
71		NON-IMPACT GLAZING SEE SHEET 12		
72	FH-02727	MT SCREEN TOP/BOTTOM RAIL	KEYMARK	ALUMINUM 6063-T6
73	FH-02728	MT SCREEN STILE	KEYMARK	ALUMINUM 6063-T6
74	FH-02729	MT SCREEN STILE W/SEAL	KEYMARK	ALUMINUM 6063-T6
75	FS-02730	MT SCREEN ASTRAGAL	KEYMARK	ALUMINUM 6063-T6
76	FH-02300	BOX SCREEN TOP/BOTTOM RAIL	KEYMARK	ALUMINUM 6063-T6
77	FH-02395	BOX SCREEN STILE	KEYMARK	ALUMINUM 6063-T6
78	FS-02209	BOX SCREEN SWEEP	KEYMARK	ALUMINUM 6063-T6
79	FS-02650	BOX SCREEN ASTRAGAL	KEYMARK	ALUMINUM 6063-T6
80	7500 A04	SIGNITURE HANDLE SET		
81		NOT USED		
82		NOT USED		
83		#8 x 3/4" PH TEK SCREW		
84		#10 x 3/4" PH TEK SCREW		
85	FS-04791	FIXED PANEL Z-CLIP	KEYMARK	ALUMINUM 6063-T6

PARTS LIST CONTINUED FROM SHEET 11

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



GLAZING TYPE A
1" IGU TEMPERED

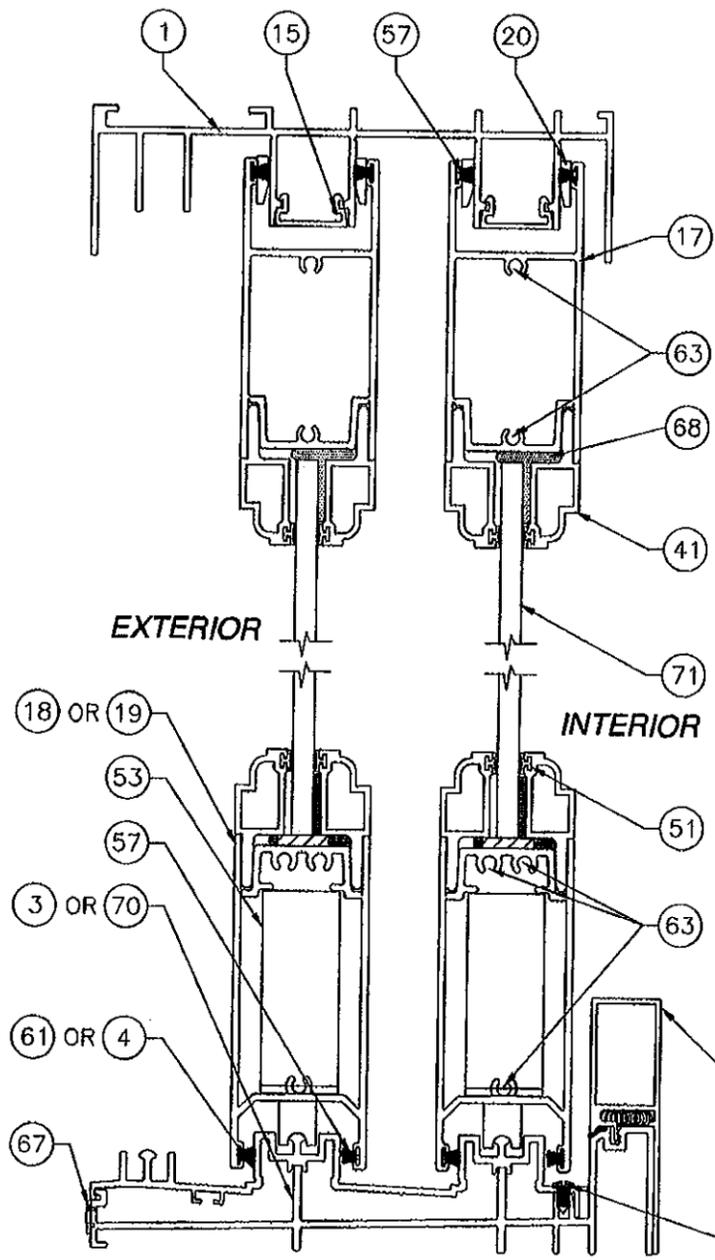


GLAZING TYPE B
1/4" TEMPERED

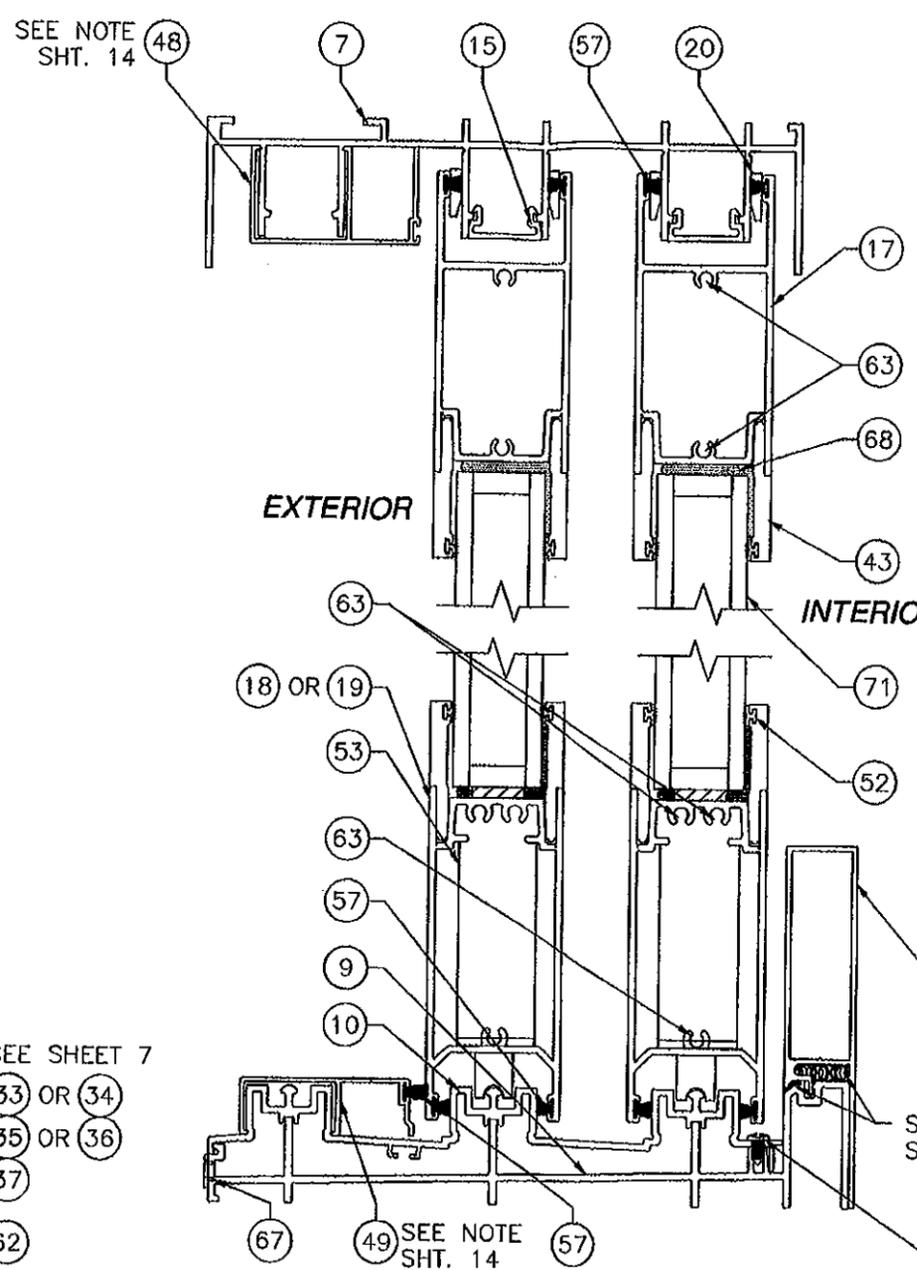
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0130-15
Expiration Date: 6/23/16
By: [Signature]
Luis R. Lomdas, P.E.
Miami Dade Product Control

<p>Approved as complying with the Florida Building Code Date: <u>JUL 23, 2011</u> NOAH: <u>10-0422-09</u> Miami Dade Product Control By: [Signature]</p>	<p>WinDoor INCORPORATED</p>		<p>7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com</p>	<p>[Signature] Luis R. Lomdas P.E. Florida No. 162614</p>
	<p>8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED BILL OF MATERIALS AND GLAZING DETAILS</p>			
<p>DRAWN: TJH</p>	<p>DWG NO. 08-00943</p>	<p>REV B</p>		
<p>SCALE NTS</p>	<p>DATE 02/04/10</p>	<p>SHEET 12 OF 26</p>		

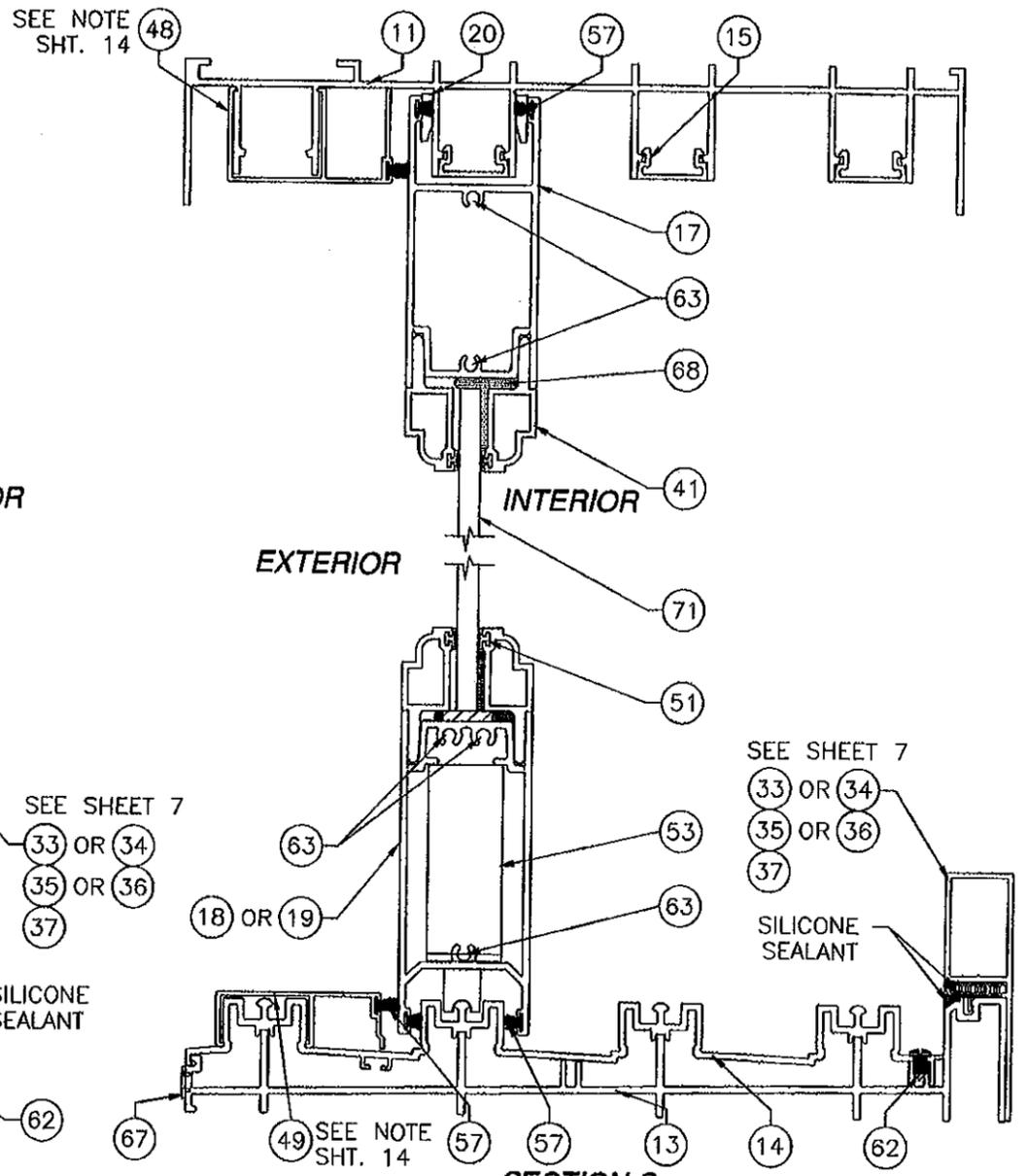
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



SECTION A
2 TRACK WS FRAME SYSTEM WITH 3" SILL RISER SHOWN, 2 TRACK NS, 2TRACK WS RETRO AND 2TRACK NS RETRO SILLS AND ALL SILL RISERS MAY BE USED



SECTION B
3 TRACK FRAME SYSTEM WITH 4 1/4" SILL RISER SHOWN, ALL SILL RISERS MAY BE USED



SECTION C
4 TRACK FRAME SYSTEM WITH 3" SILL RISER SHOWN, ALL SILL RISERS MAY BE USED

NOTE:
SEE SHEETS 20, 21, 22 AND 23 FOR TYPICAL ANCHORAGE TO VARIOUS SUBSTRATE MATERIALS. A SPECIFIC SUBSTRATE IS INDICATED ON EACH HEAD, SILL AND JAMB TRACK SYSTEM. OTHER HEAD, SILL AND JAMB TRACK SYSTEMS ARE SIMILAR.

PRODUCT REVISED
as complying with the Florida
Building Code
Amplification No. 12-0130.15
Expiration Date: 6/23/16
[Signature]
Quality Control

Approved as complying with the
Florida Building Code
Date: June 23, 2011
NOA# 10-0422-03
Miami Dade Product Control
By: *[Signature]*

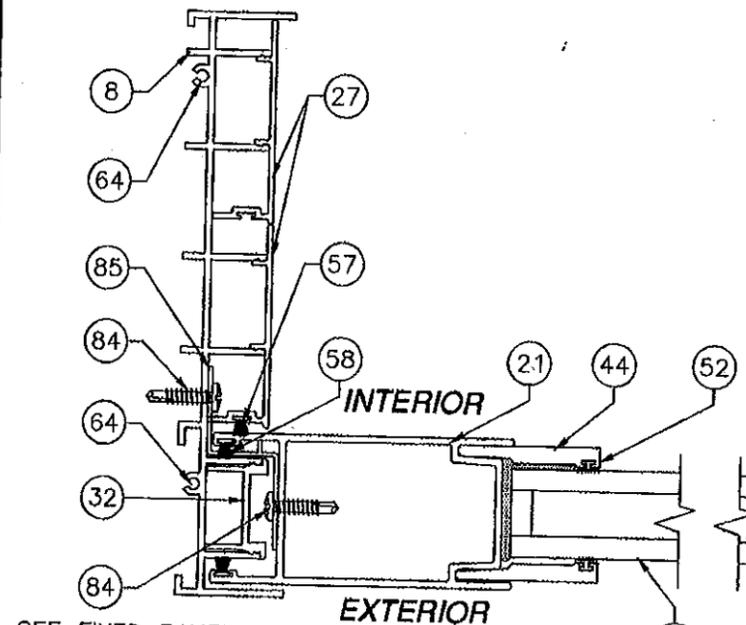
WinDoor
INCORPORATED
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

8100 SERIES ALUMINUM SGD NON-IMPACT
REINFORCED & NON-REINFORCED
VERTICAL CROSS SECTIONS

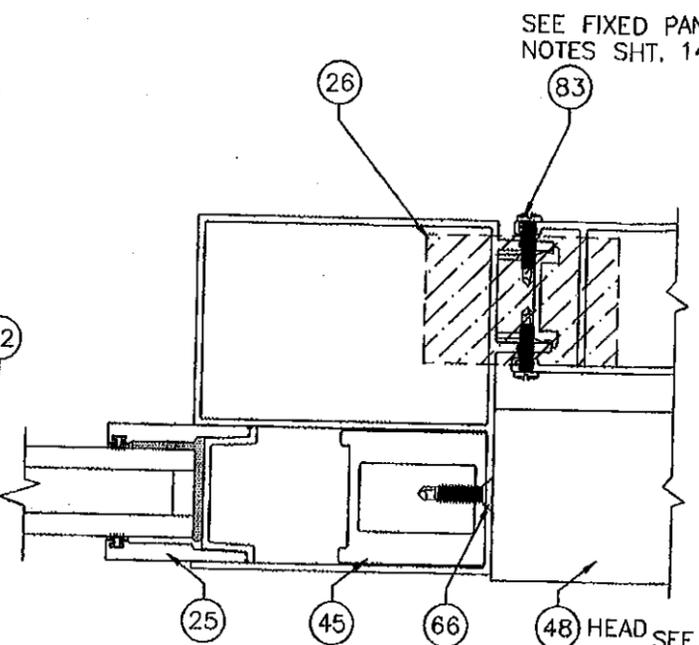
DRAWN: TJH	DWG NO. 08-00943	REV B
SCALE NTS	DATE 02/04/10	SHEET 13 OF 26

[Signature]
3/11/11
Luis R. Lomas, P.E.
Florida No. 62514

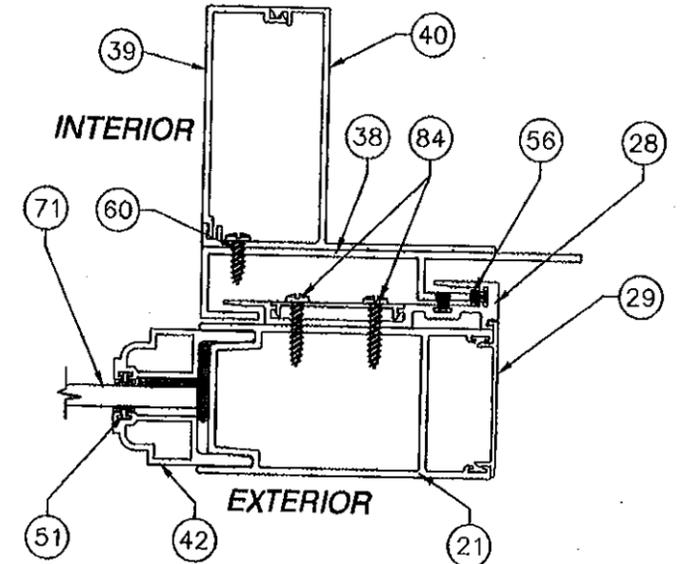
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B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



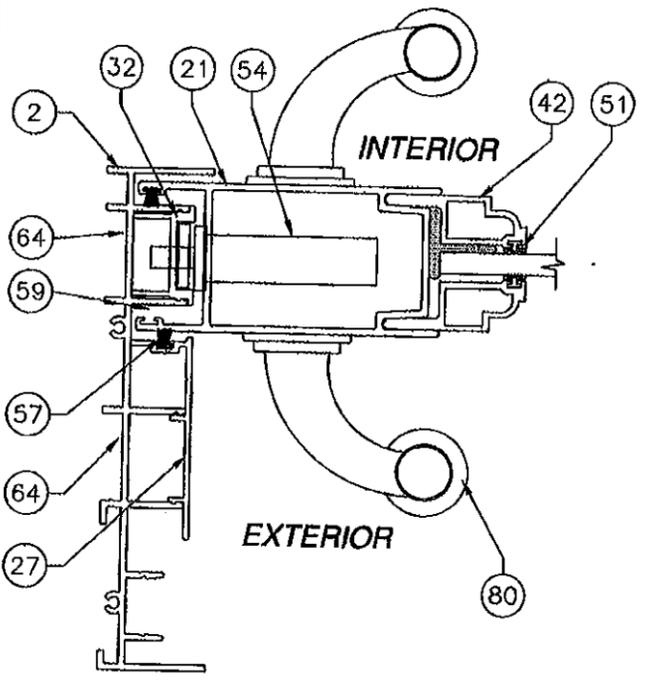
SEE FIXED PANEL NOTES SHT. 14
SECTION D
 PLAIN STILE AT 3 TRACK JAMB



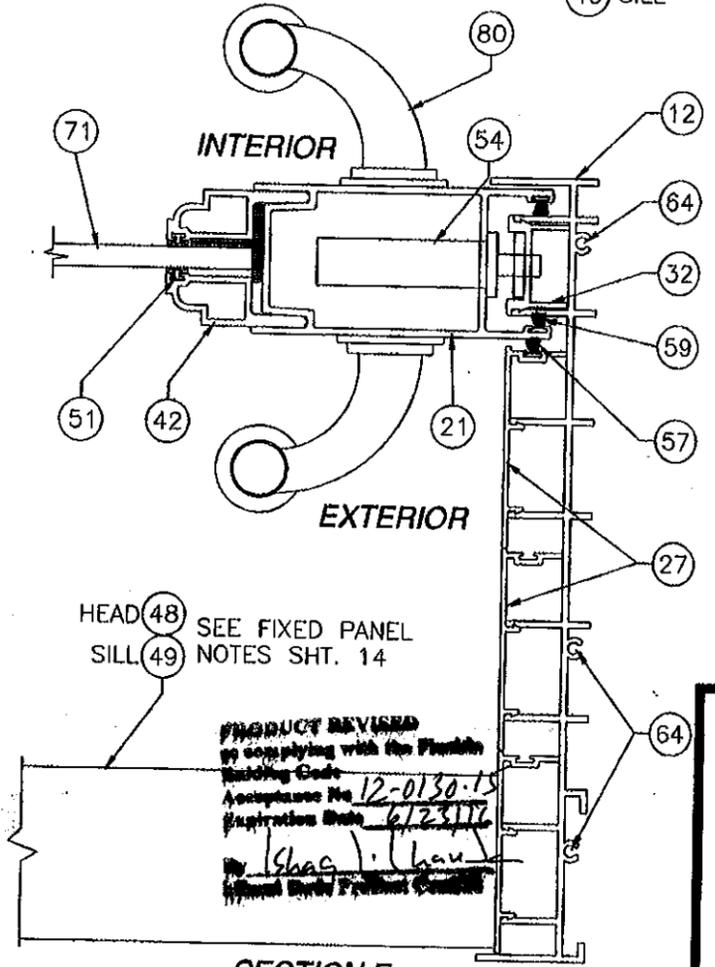
SEE FIXED PANEL NOTES SHT. 14
 HEAD (48) SEE FIXED PANEL
 SILL (49) NOTES SHT. 14



SECTION G
 REINFORCED/NON REINFORCED INTERLOCK STILE AT EXTERIOR HOOK STRIP



SECTION F
 LOCK STILE AT 2 TRACK JAMB



HEAD (48) SEE FIXED PANEL
 SILL (49) NOTES SHT. 14

SECTION E
 LOCK STILE AT 4 TRACK JAMB

FIXED PANEL NOTES:

- FIXED PANEL TO JAMB CONDITION:**
 FIXED PANEL IS SEURED TO THE JAMB WTH (2) ITEMS #85, FIXED PANEL Z-CLIP. ONE Z-CLIP IS LOCATED 24" FROM TOP OF THE PANEL DOWN AND 24" FROM BOTTOM OF PANEL UP. EACH Z-CLIP IS ATTACHED TO PANEL WITH (3) ITEM # 84, #10 x 3/4" PH TEK SCREWS AND THEN IT IS ATTACHED TO JAMB WITH (3) ITEM #84, #10 x 3/4" PH TEK SCREWS. SECTION D SHEET 14, SECTION EE SHEET 18 AND SECTION Z SHEET 18 SHOW A FIXED PANEL TO JAMB CONDITION.
- FIXED PANEL TO FIXED PANEL CONDITION:**
 TWO FIXED PANELS ARE SECURED TOGETHER WITH ITEM #83, #8 x 3/4" PH TEK SCREW. THERE IS A ROW ON THE INTERIOR AND A ROW ON THE EXTERIOR OF THE FIXED PANEL PACED 4" FROM THE TOP AND BOTTOM WITH ONE ADDITIONAL SCREW IN THE CENTER. SECTION D SHEET 14, SECTION DD SHEET 19, SECTION O SHEET 15, SECTION U, SHEET 16 AND SECTION CC SHEET 19 SHOW A FIXED PANEL TO FIXED PANEL CONDITION.

NOTE:
 SEE SHEETS 20, 21, 22 AND 23 FOR TYPICAL ANCHORAGE TO VARIOUS SUBSTRATE MATERIALS. A SPECIFIC SUBSTRATE IS INDICATED ON EACH HEAD, SILL AND JAMB TRACK SYSTEM. OTHER HEAD, SILL AND JAMB TRACK SYSTEMS ARE SIMILAR.

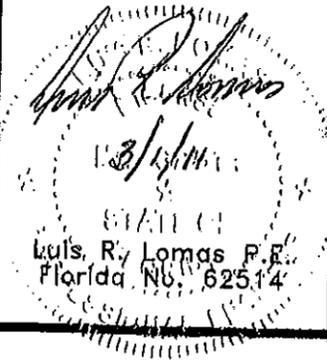
PRODUCT REVISED
 to comply with the Florida
 Building Code
 Acceptance No. 12-0130-15
 Registration No. 6123116
 By [Signature]
 [Signature]

Approved as complying with the
 Florida Building Code
 Date: JUNE 23, 2011
 NOA# 10-0422-03
 Miami Dade Product Control
 [Signature]

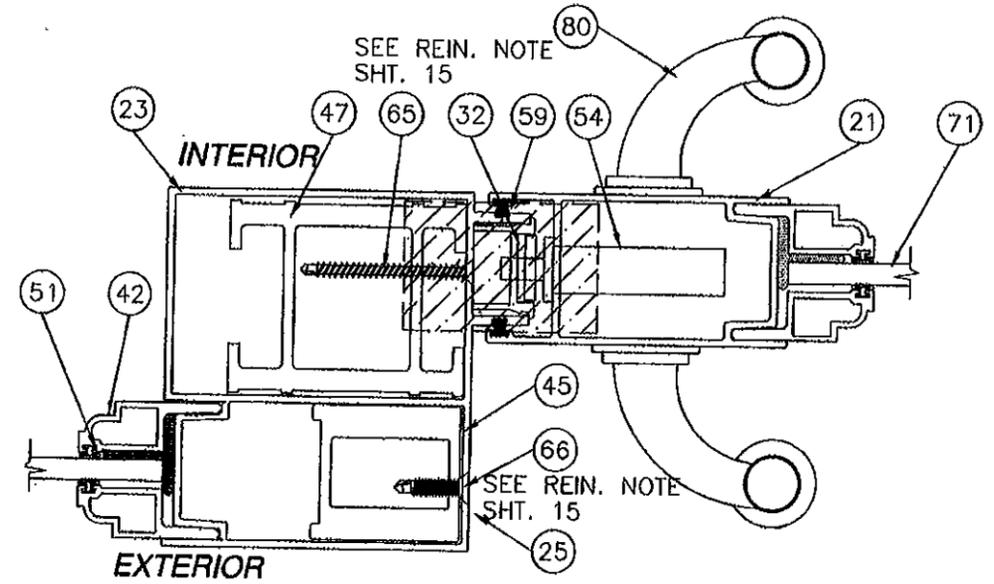
WinDoor
 INCORPORATED
 7500 AMSTERDAM DRIVE
 ORLANDO, FL 32832
 Phone: 407.481.8400
 Fax: 407.481.0505
 www.windoorinc.com

8100 SERIES ALUMINUM SGD NON-IMPACT
 REINFORCED & NON-REINFORCED
 HORIZONTAL CROSS SECTIONS

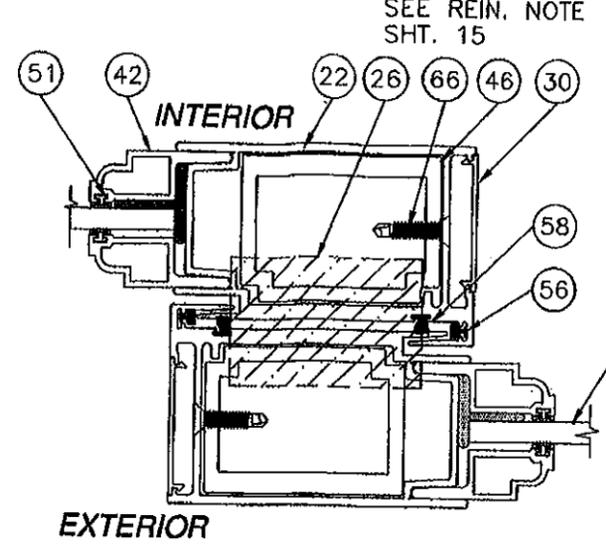
DRAWN: TJH	DWG NO. 08-00943	REV B
SCALE NTS	DATE 02/04/10	SHEET 14 OF 26



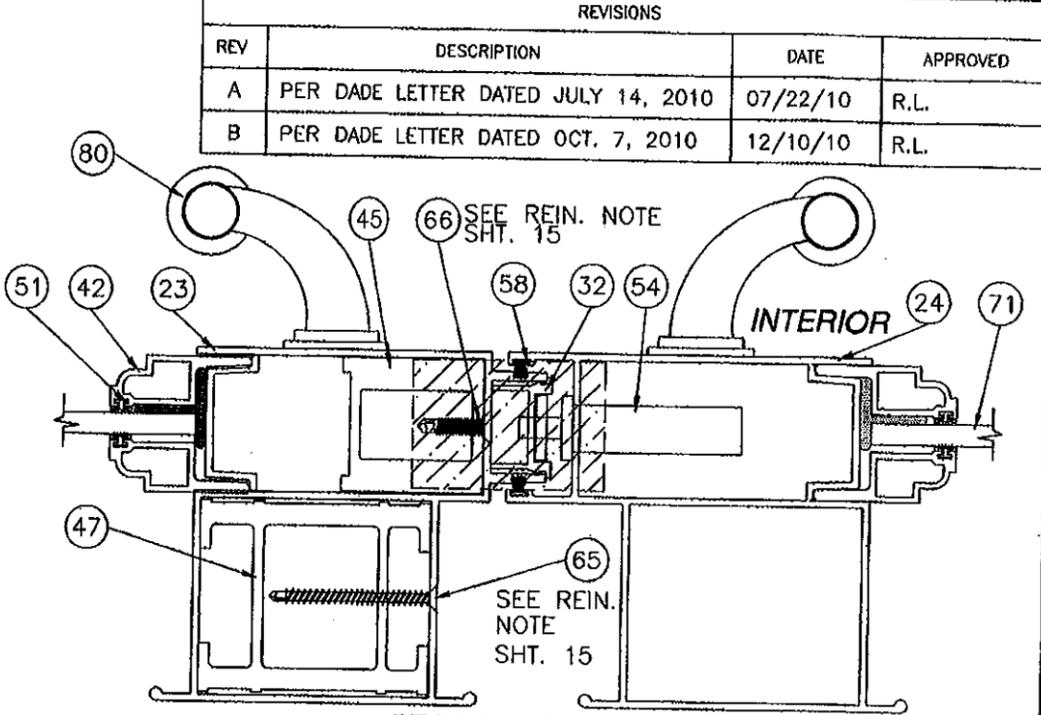
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



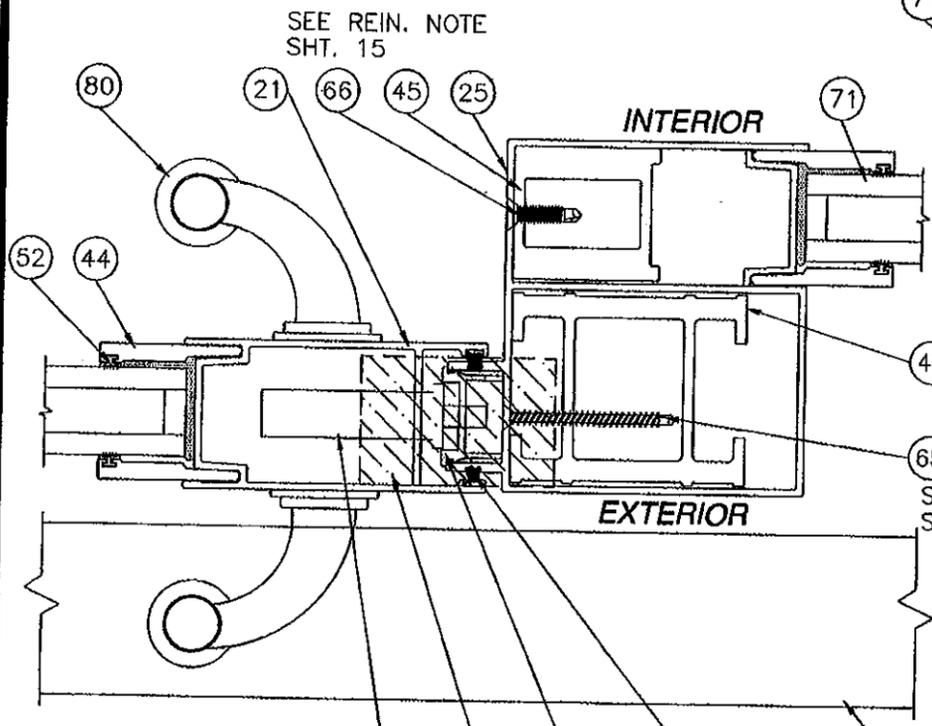
SECTION J
REINFORCED INTERIOR FIXED BUTT STILE TO LOCK STILE



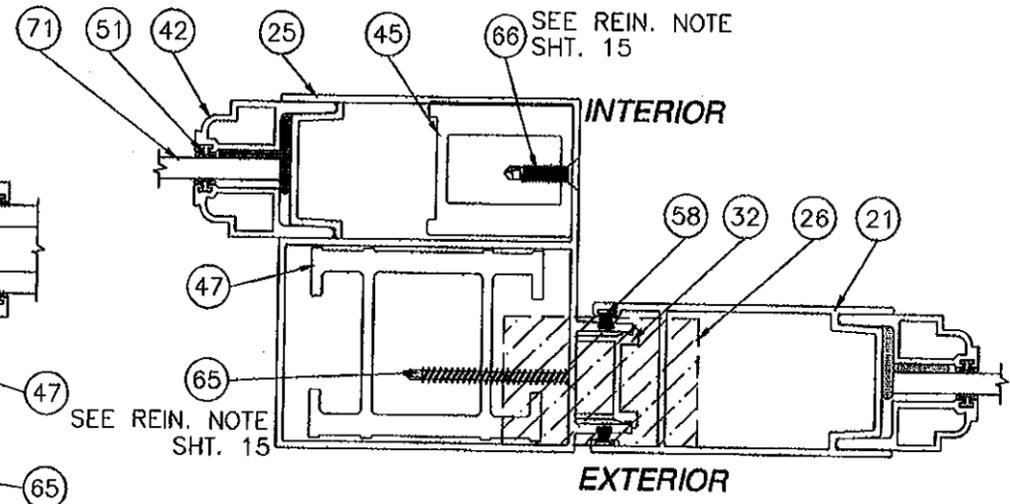
SECTION L
REINFORCED INTERLOCK STILE TO REINFORCED INTERLOCK STILE



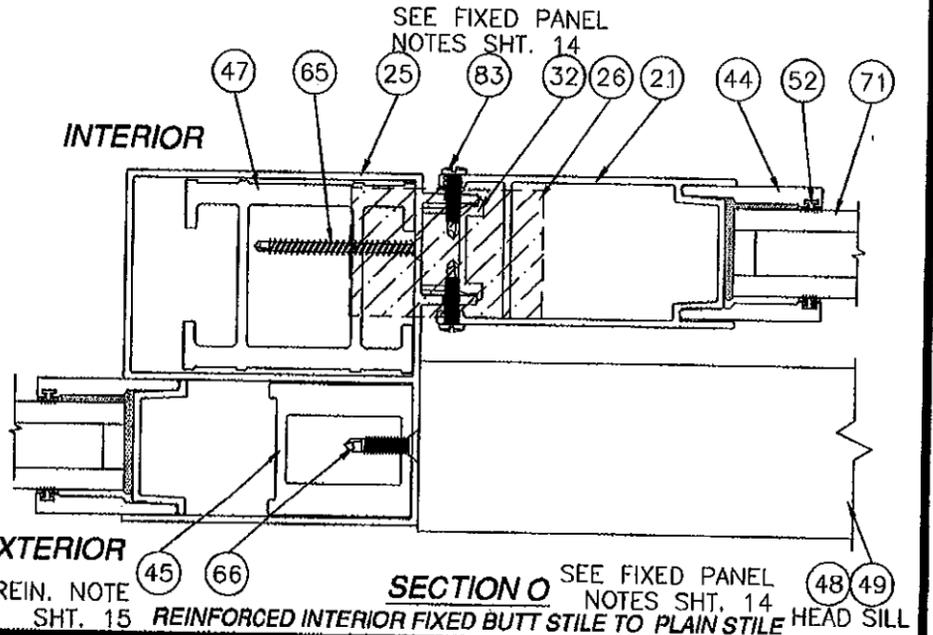
SECTION N
REINFORCED MALE BUTT STILE TO REINFORCED LOCKING BUTT STILE



SECTION K
LOCK STILE TO REINFORCED EXTERIOR FIXED BUTT STILE



SECTION M
REINFORCED EXTERIOR FIXED BUTT STILE TO PLAIN STILE



SECTION O
REINFORCED INTERIOR FIXED BUTT STILE TO PLAIN STILE HEAD SILL

REINFORCING BAR NOTE:
ITEM #46, INTERLOCK REINFORCING BAR IS SECURED TO INTERLOCK WITH ITEM #66. ITEM #47, FEMALE BUTT STILE REINFORCING BAR IS SECURED TO FEMALE BUTT STILE AND FEMALE BUTT STILE OFFSET WITH ITEM #65. ITEM #45, 6000 BUTT STILE REINFORCING BAR IS SECURED TO FEMALE BUTT STILE AND FEMALE BUTT STILE OFFSET WITH ITEM #66. ALL SCREWS ARE SPACED 6" FROM TOP AND BOTTOM OF STILES AND ONE AT MIDSPAN.

PRODUCT REVISED
to comply with the Florida Building Code
Adaptation No. 12-0130-15
Expiration Date 7/23/16
By Ismael L. Chaves
Miami Dade Product Control

HEAD (48) SEE FIXED PANEL NOTES SHT. 14
SILL (49)

Approved to comply with the Florida Building Code
Date Jun 23, 2011
NDA# 16-0422-09
Miami Dade Product Control
By Ismael L. Chaves

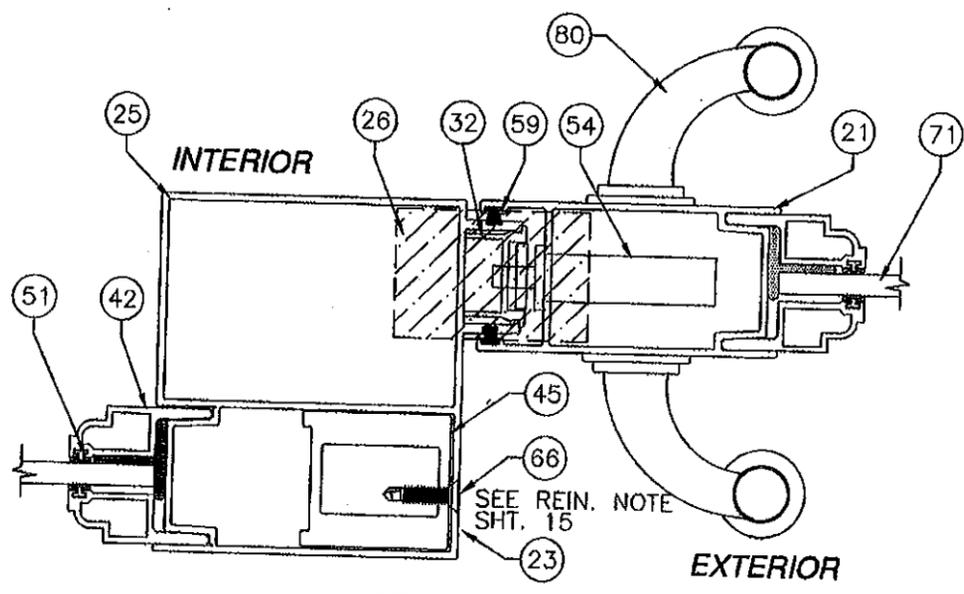
WinDoor INCORPORATED
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0305
www.windoorinc.com

8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED HORIZONTAL CROSS SECTIONS

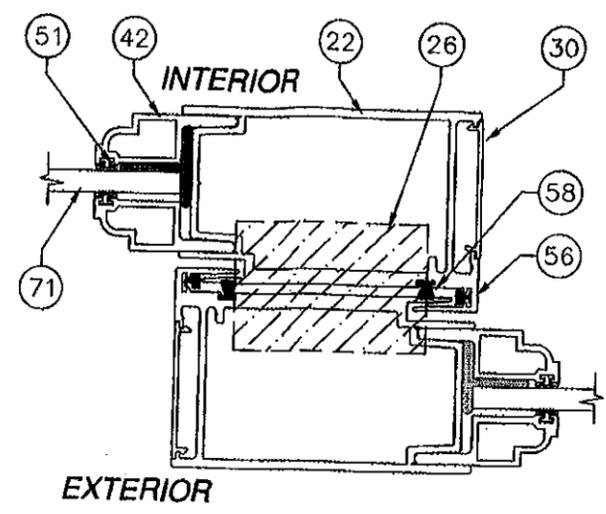
DRAWN: TJH	DWG NO. 08-00943	REV B
SCALE NTS	DATE 02/04/10	SHEET 15 OF 26

Ismael L. Chaves
Luis R. Lomas, P.E.
Florida No. 82514

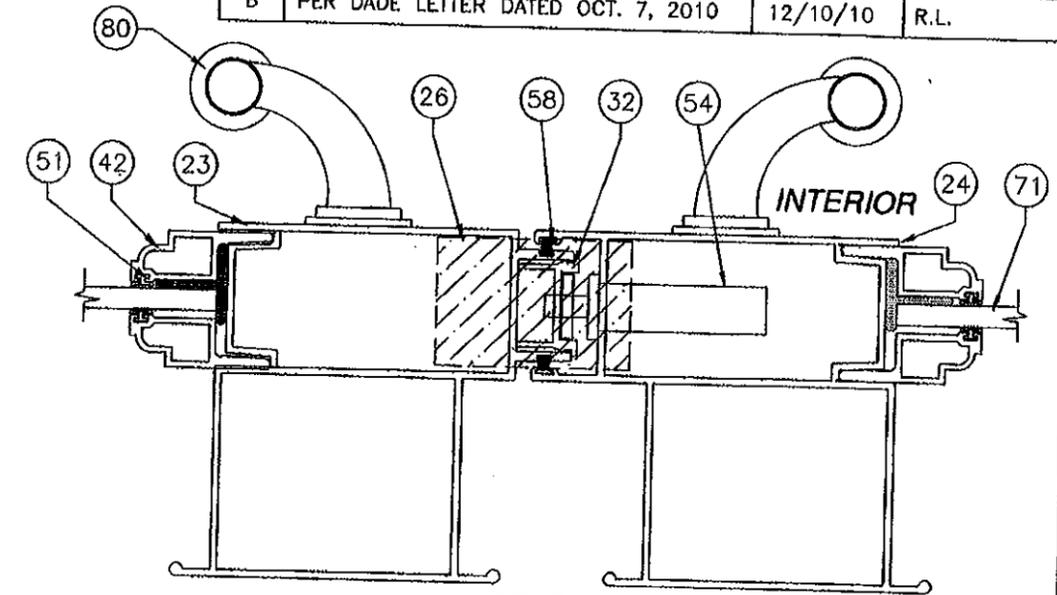
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



SECTION P
NON-REINFORCED INTERIOR FIXED BUTT STILE TO LOCK STILE

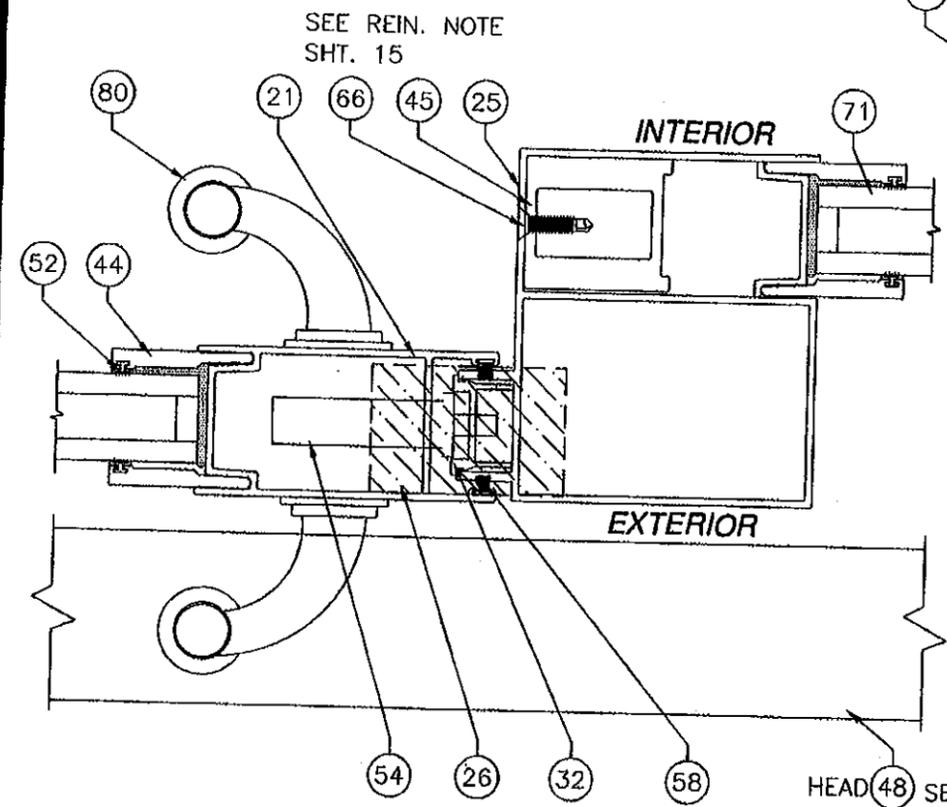


SECTION R
NON-REINFORCED INTERLOCK STILE TO NON-REINFORCED INTERLOCK STILE

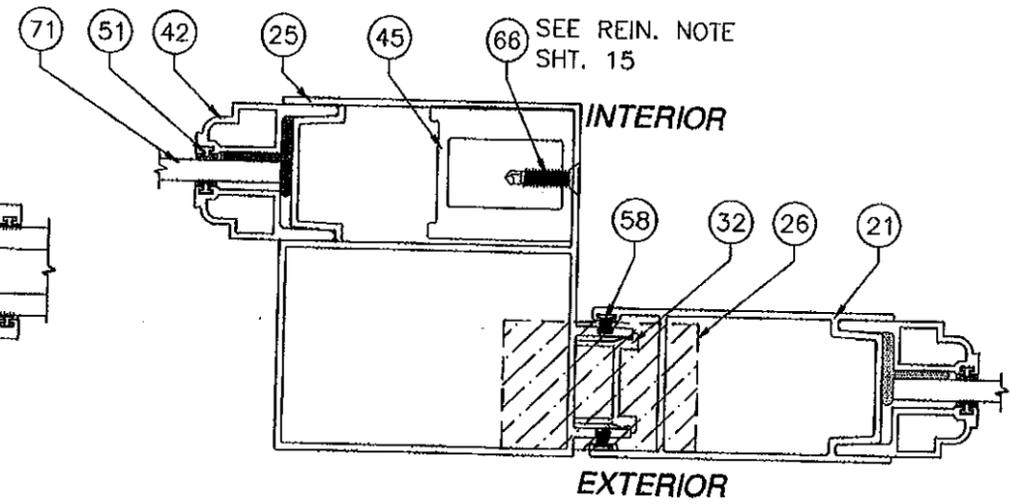


SECTION T
NON-REINFORCED MALE BUTT STILE TO NON-REINFORCED LOCKING BUTT STILE

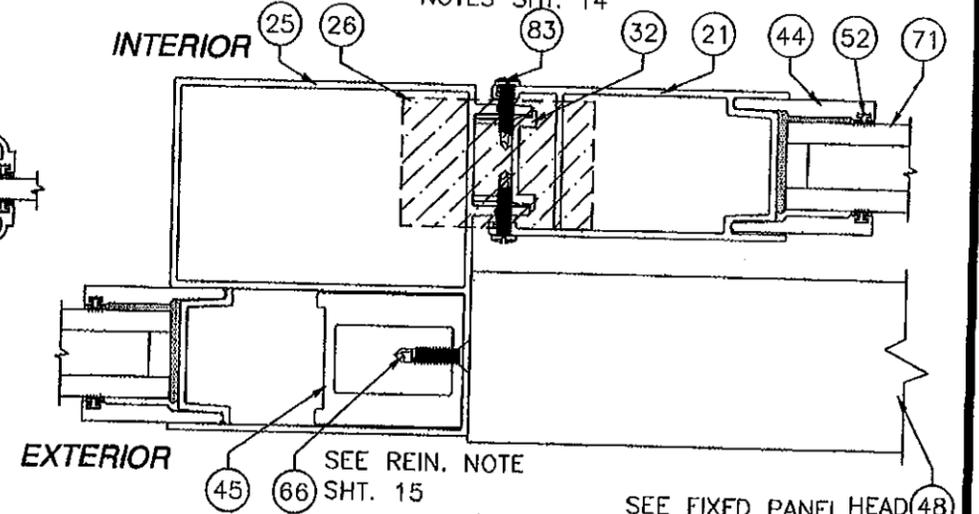
SEE FIXED PANEL NOTES SHT. 14



SECTION Q
LOCK STILE TO NON-REINFORCED EXTERIOR FIXED BUTT STILE



SECTION S
NON-REINFORCED EXTERIOR FIXED BUTT STILE TO PLAIN STILE



SECTION U
NON-REINFORCED INTERIOR FIXED BUTT STILE TO PLAIN STILE

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 12-0130-15
Expiration Date 7/23/16
By *Luis R. Lomas*
Miami Dade Product Control

Approved as complying with the Florida Building Code
Date JUNE 23, 2011
NDAN 12-0130-15
Miami Dade Product Control
By *Luis R. Lomas*

WinDoor
INCORPORATED

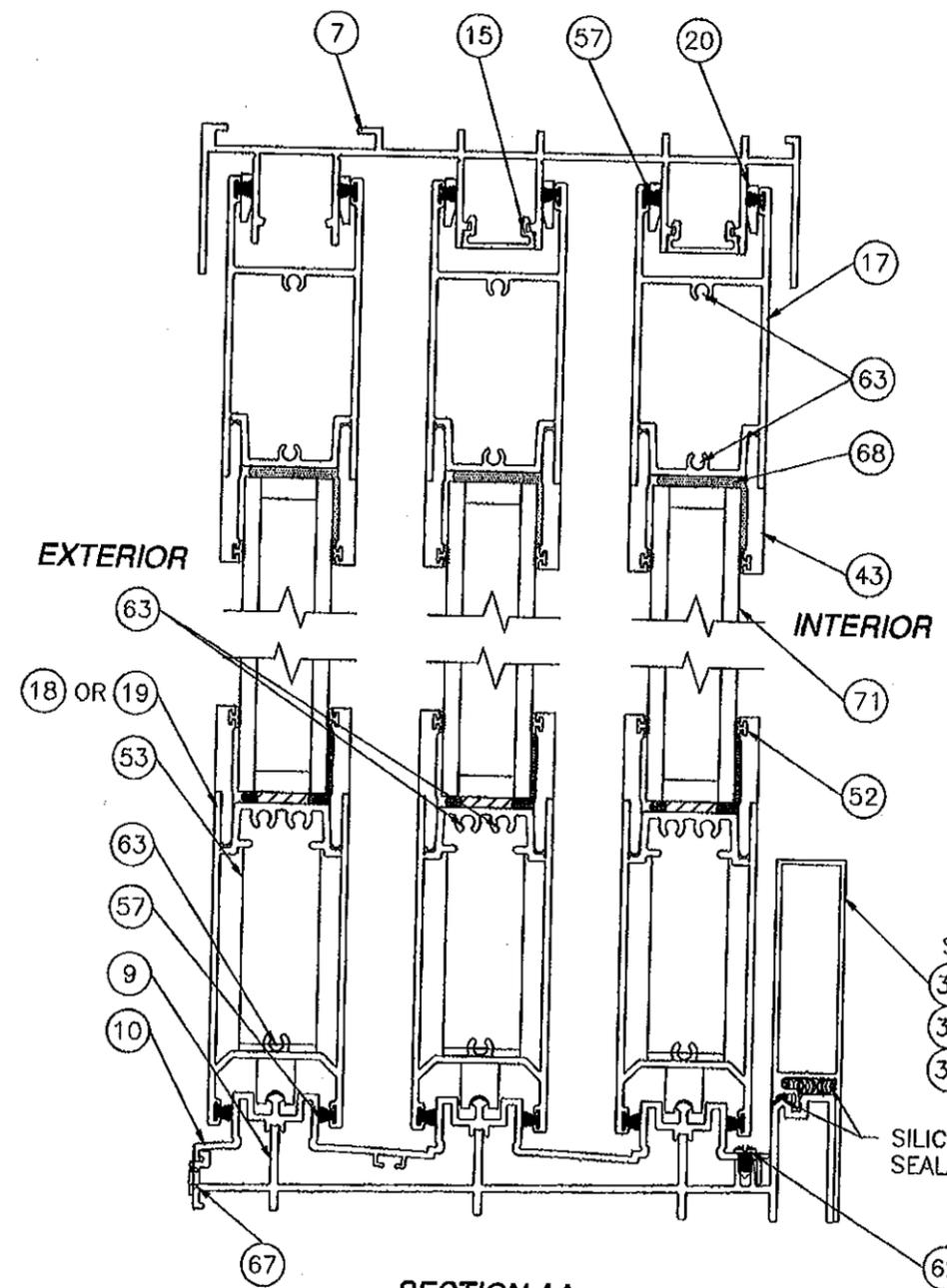
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED HORIZONTAL CROSS SECTIONS

DRAWN: TJH	DWG NO. 08-00943	REV B
SCALE NTS	DATE 02/04/10	SHEET 16 OF 26

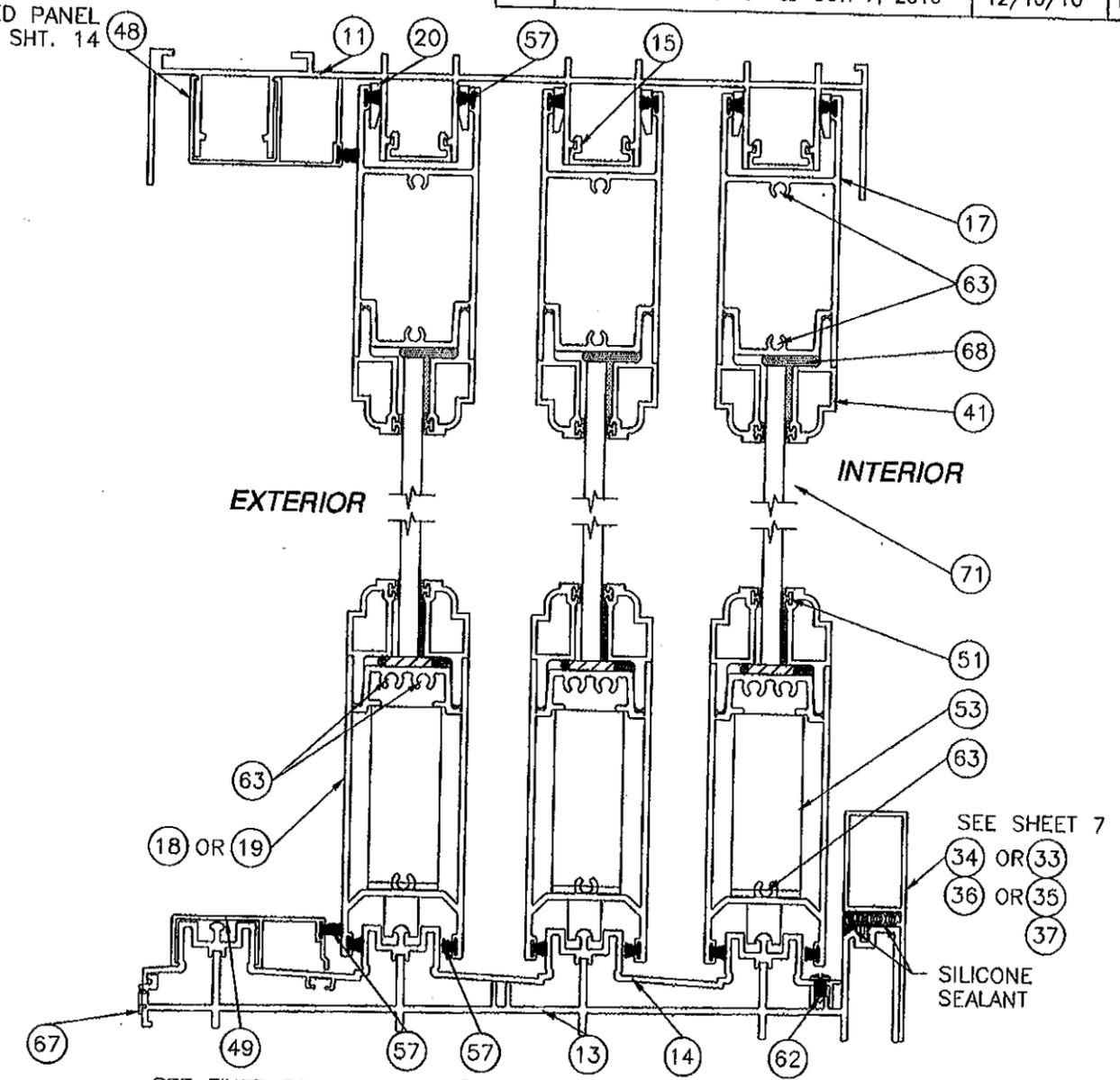
Luis R. Lomas
Luis R. Lomas, P.E.
Florida No. 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



SECTION AA
3 TRACK FRAME SYSTEM
SEE D.P. TABLE SHEET 7

SEE FIXED PANEL
NOTES SHT. 14

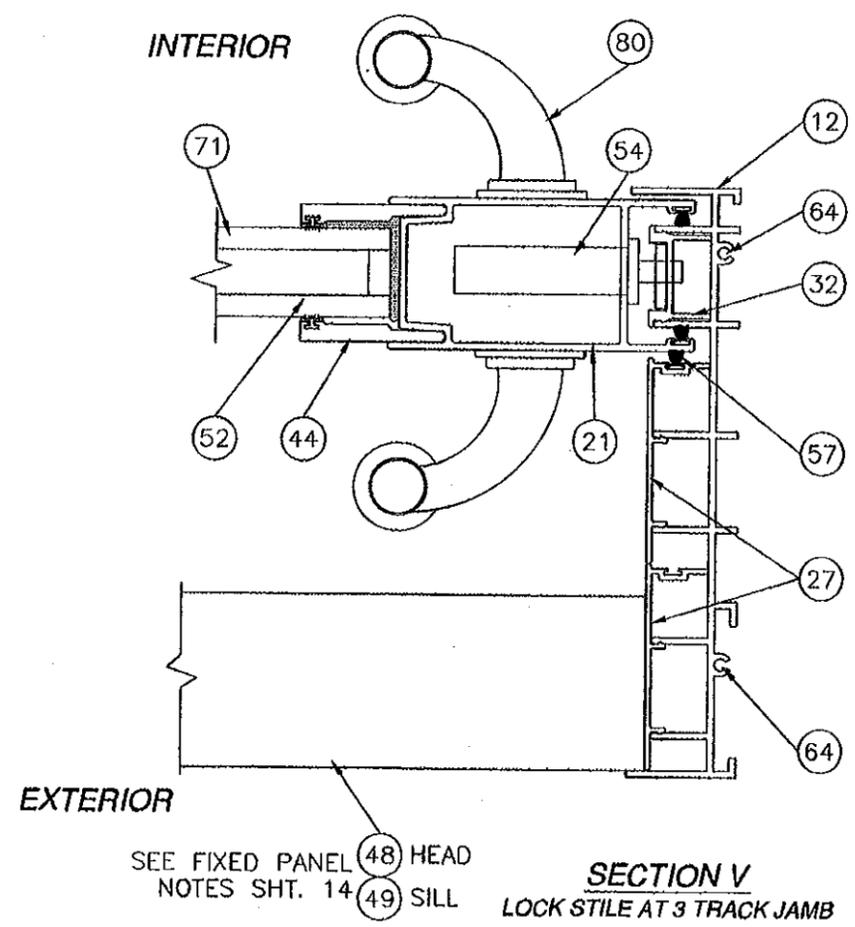
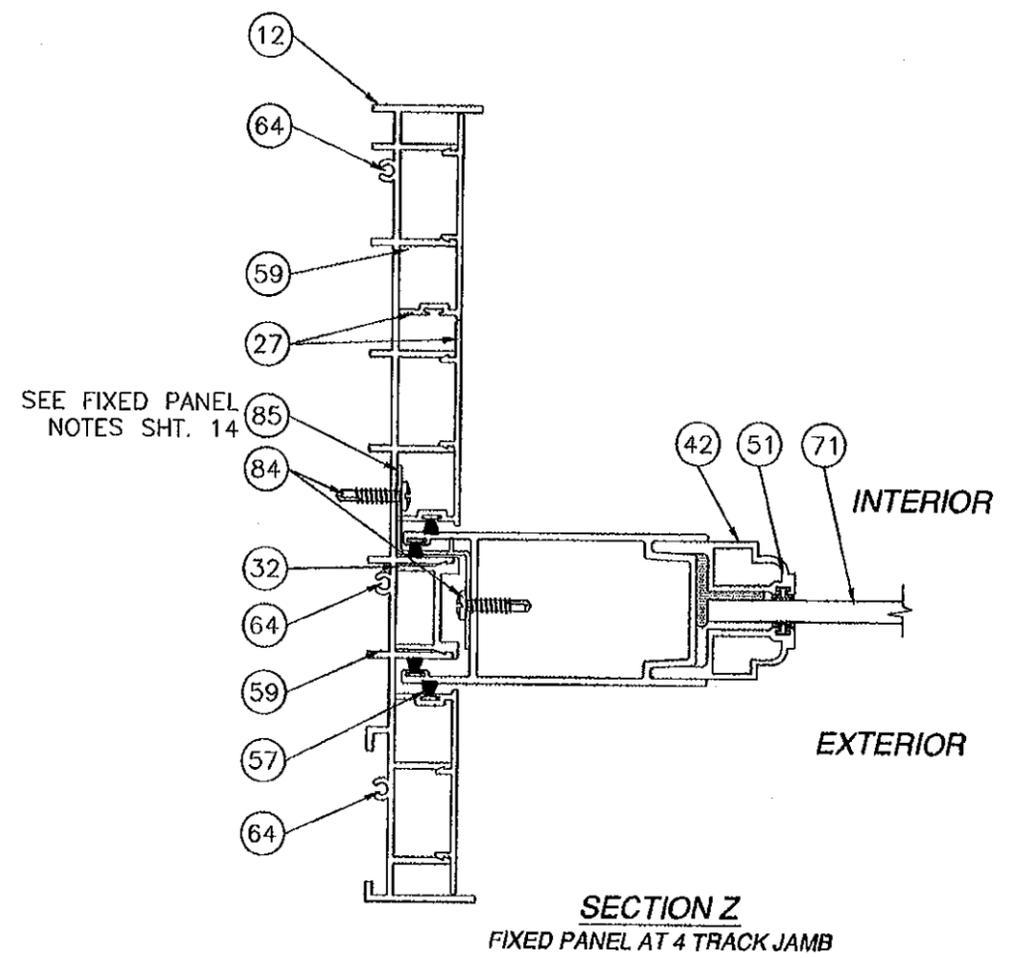
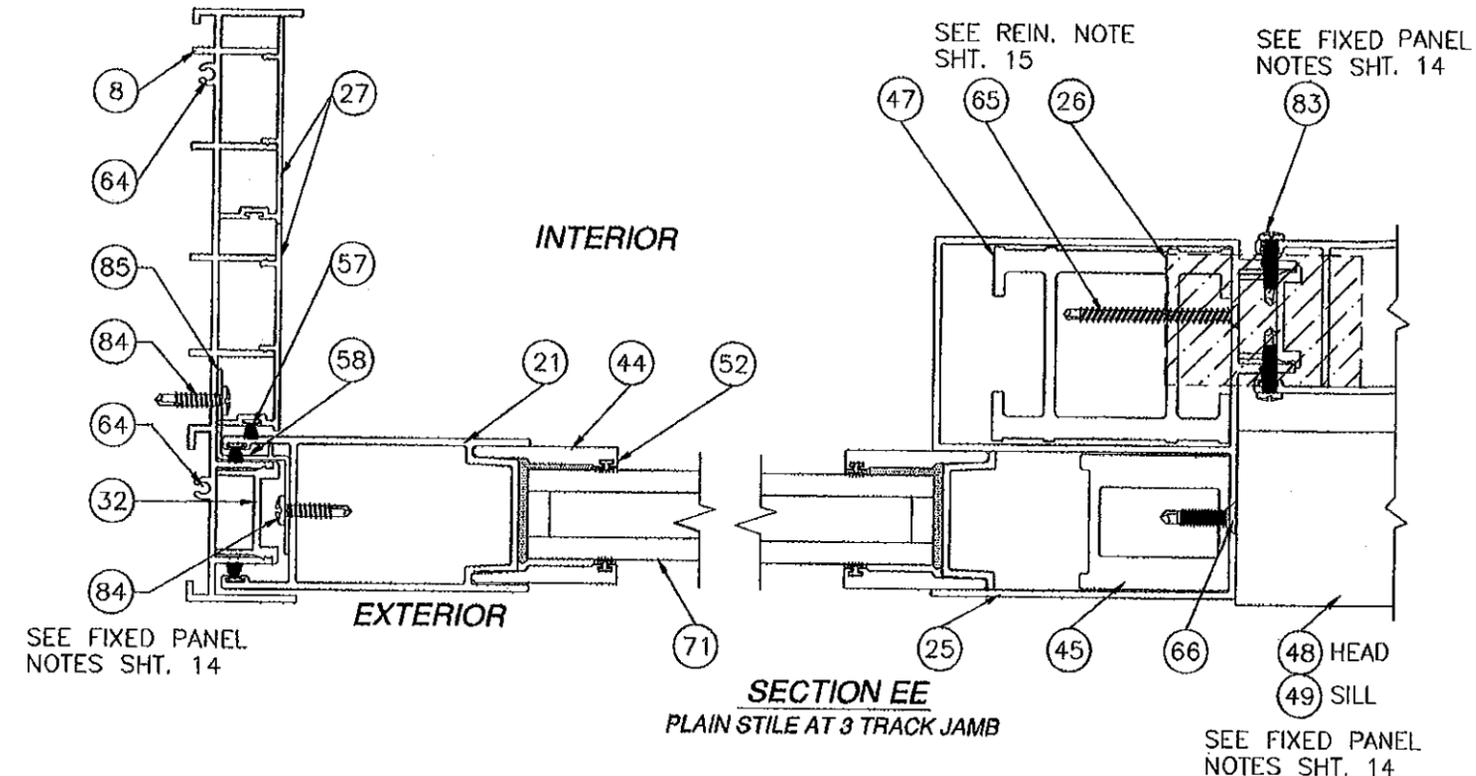


SECTION BB
4 TRACK FRAME SYSTEM
SEE D.P. TABLE SHEET 7

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 12-0130.15
Expiration Date 6/23/16
By Luis R. Lomas
Miami Dade Product Control

<p>Approved to comply with the Florida Building Code Date <u>JUNE 23, 2011</u> NOA# <u>10-0422-09</u> Miami Dade Product Control By <u>Luis R. Lomas</u></p>	<p>WinDoor INCORPORATED</p>		<p>7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com</p>	
	<p>8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED VERTICAL CROSS SECTIONS</p>			
<p>DRAWN: TJH</p>	<p>DWG NO. 08-00943</p>	<p>REV B</p>		
<p>SCALE NTS</p>	<p>DATE 02/04/10</p>	<p>SHEET 17 OF 26</p>		

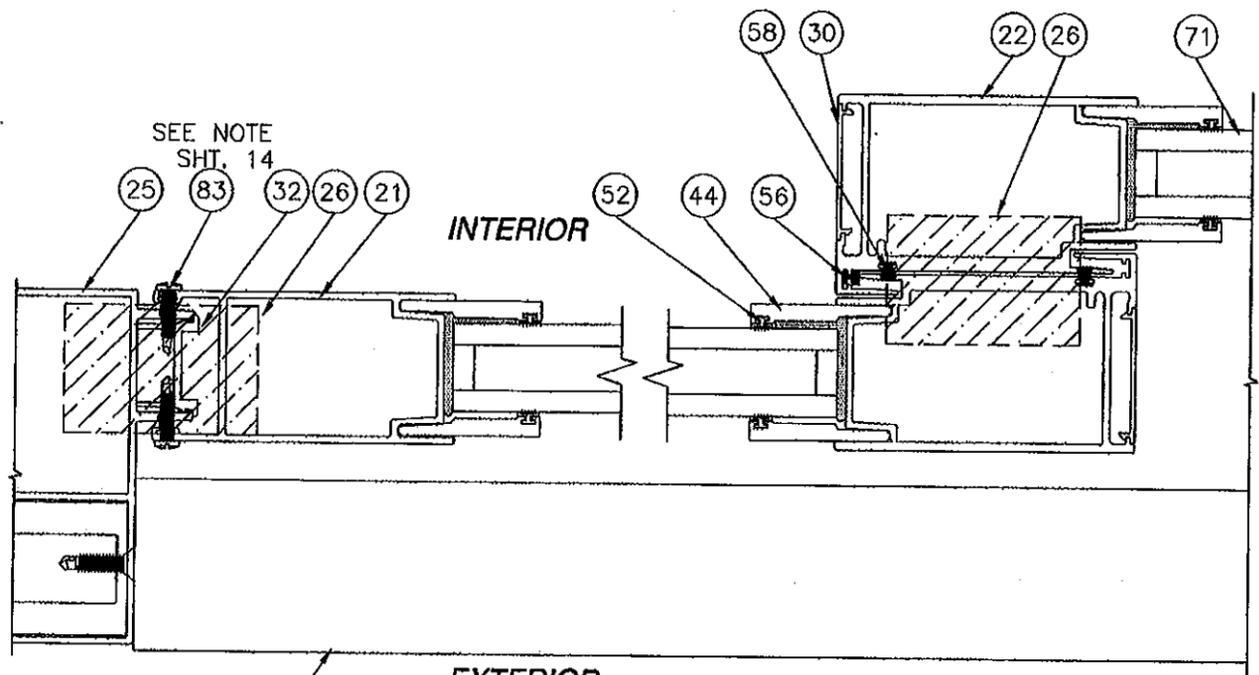
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
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PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 12-0130.15
 Expiration Date 6/23/16
 By Isaac L. Chant
 Miami Dade Product Control

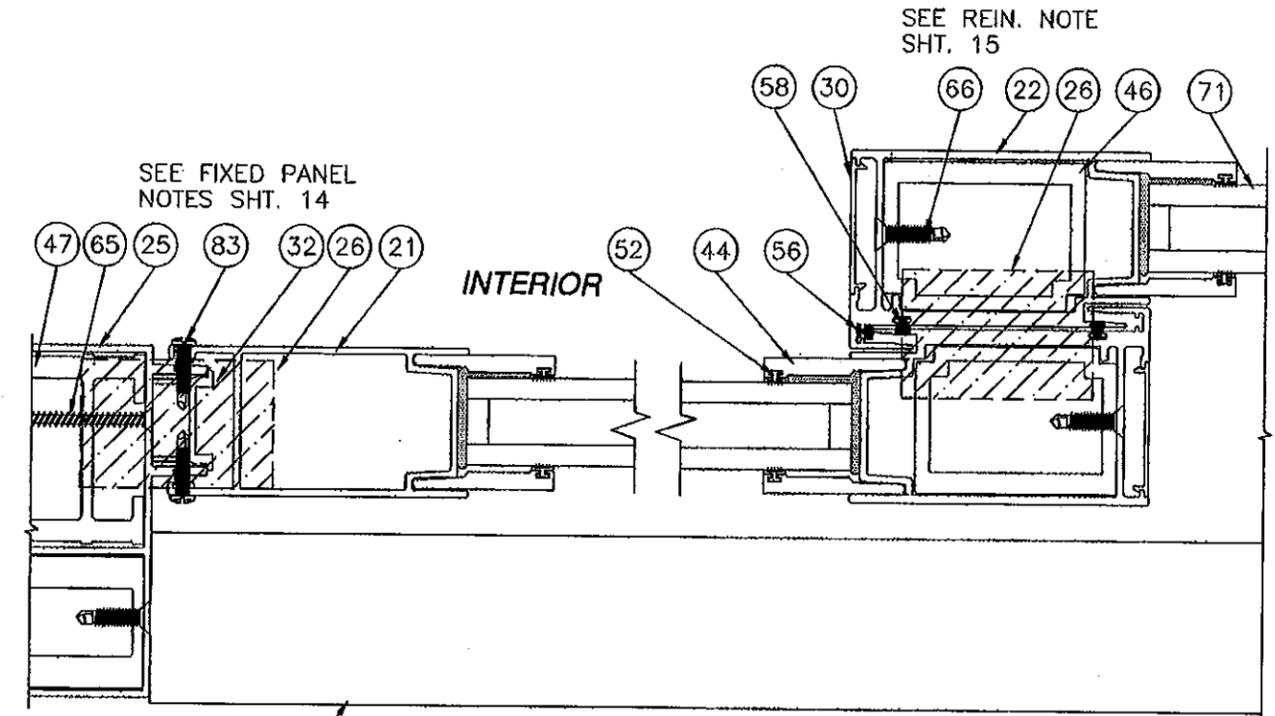
Approved as complying with the Florida Building Code Date <u>JUNE 23, 2011</u> NDA# <u>10-0422-05</u> Miami Dade Product Control By <u>Isaac L. Chant</u>	WinDoor INCORPORATED		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
	8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED HORIZONTAL CROSS SECTIONS			
DRAWN: TJH	DWG NO. 08-00943	REV B		
SCALE NTS	DATE 02/04/10	SHEET 18 OF 26		

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



SEE NOTE SHT. 14
 SEE FIXED PANEL (48) HEAD
 NOTES SHT. 14 (49) SILL

SECTION DD
 NON-REINFORCED FIXED PANEL
 TO FIXED PANEL AND INTERLOCK



SEE FIXED PANEL (48) HEAD
 NOTES SHT. 14 (49) SILL

SECTION CC
 REINFORCED FIXED PANEL
 TO FIXED PANEL INTERLOCK

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 12-0130-15
 Expiration Date 6/23/16
 By Ishag J. Chank
 Miami Dade Product Control

Approved as complying with the
 Florida Building Code
 Date JUNE 23, 2011
 NDA# 16-01157-09
 Miami Dade Product Control
 By Ishag J. Chank

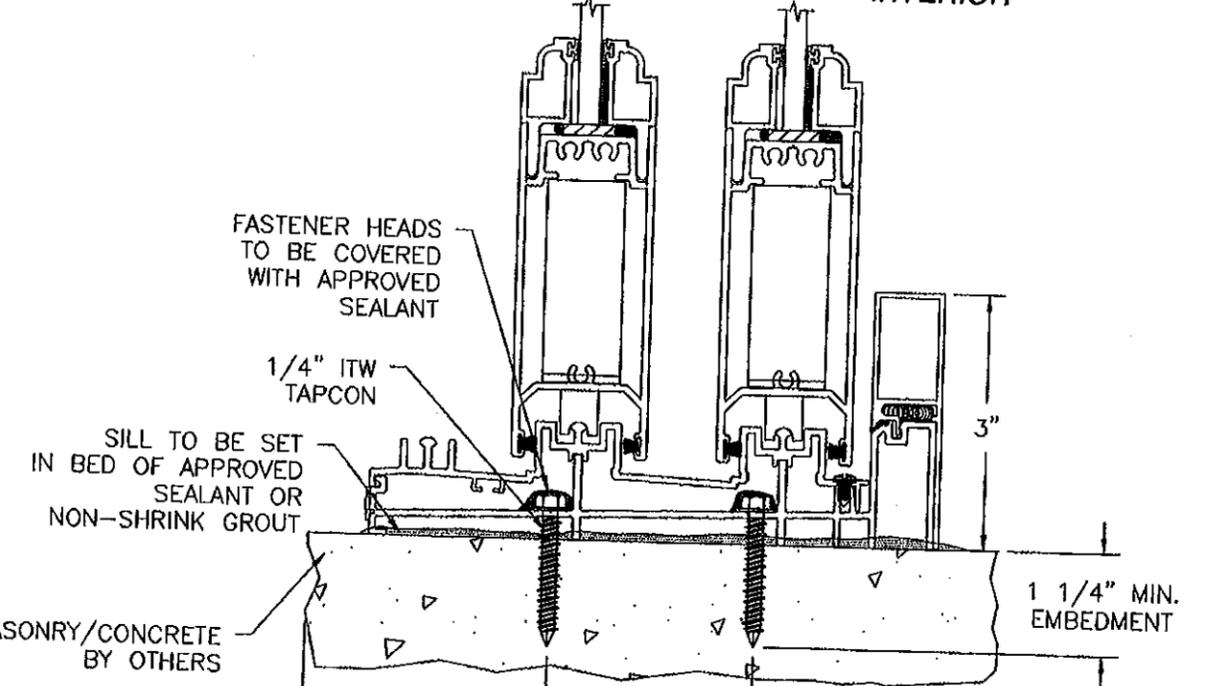
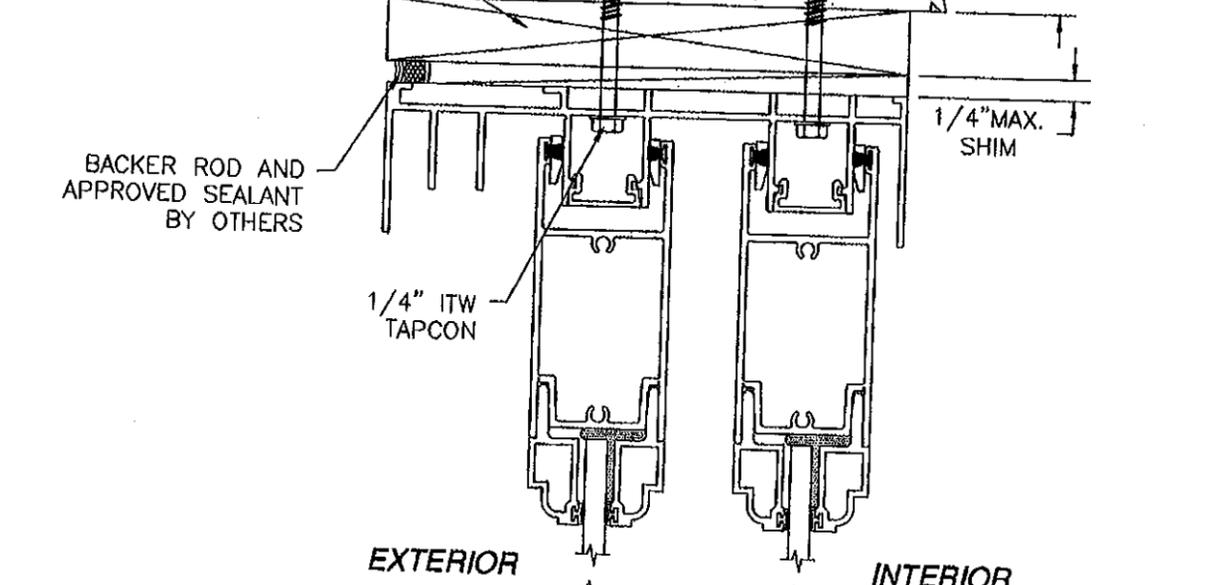
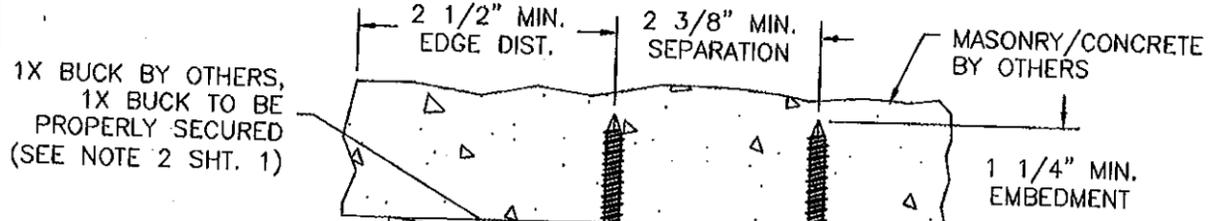
WinDoor 7500 AMSTERDAM DRIVE
 INCORPORATED ORLANDO, FL 32832
 Phone: 407.481.8400
 Fax: 407.481.0505 www.windoorinc.com

8100 SERIES ALUMINUM SGD NON-IMPACT
 REINFORCED & NON-REINFORCED
 HORIZONTAL CROSS SECTIONS

DRAWN: TJH DWG NO. 08-00943 REV B
 SCALE NTS DATE 02/04/10 SHEET 19 OF 26

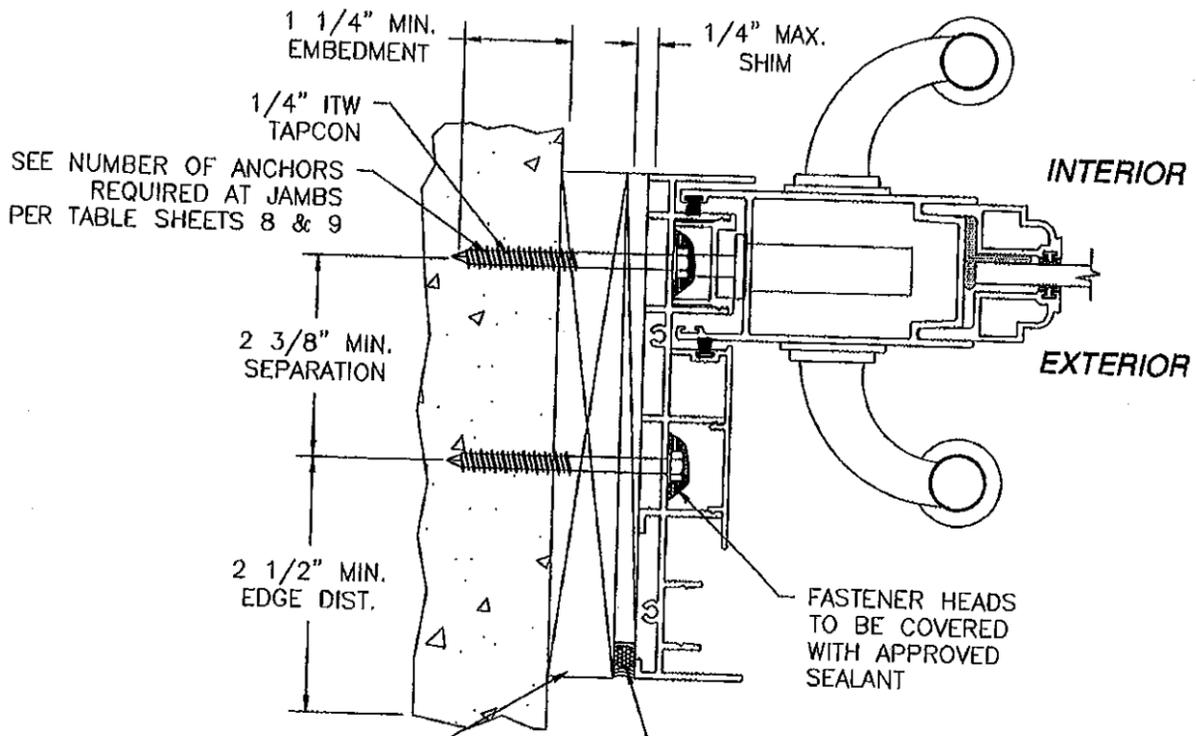
Luis R. Womds
 13/1/11
 STATE OF
 Luis R. Womds, P.E.
 Florida No. 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



2 TRACK FRAME VERTICAL INSTALLATION
MASONRY/CONCRETE INSTALLATION

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0130-15
Expiration Date 6/23/16
By [Signature]
Miami Dade Product Control



2 TRACK FRAME JAMB INSTALLATION
1X BUCK TO MASONRY/CONCRETE INSTALLATION, 2 TRACK SHOWN 3 TRACK & 4 TRACK ARE SIMILAR

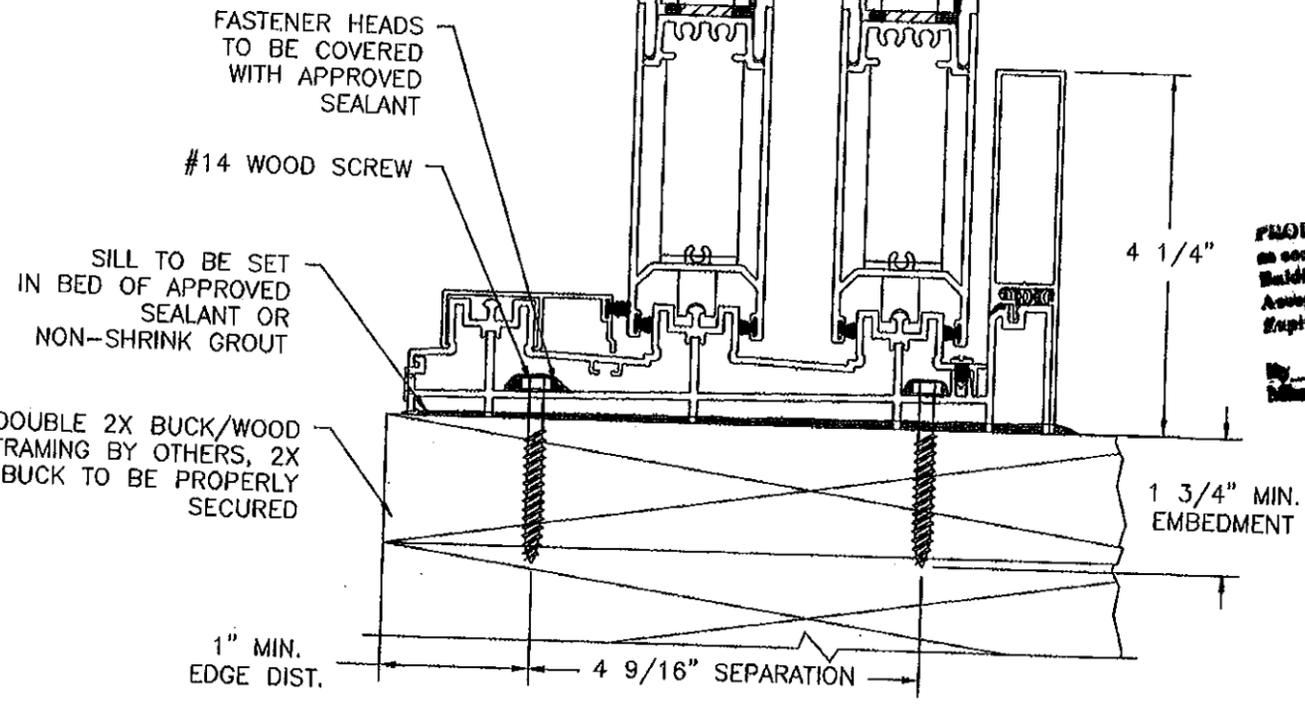
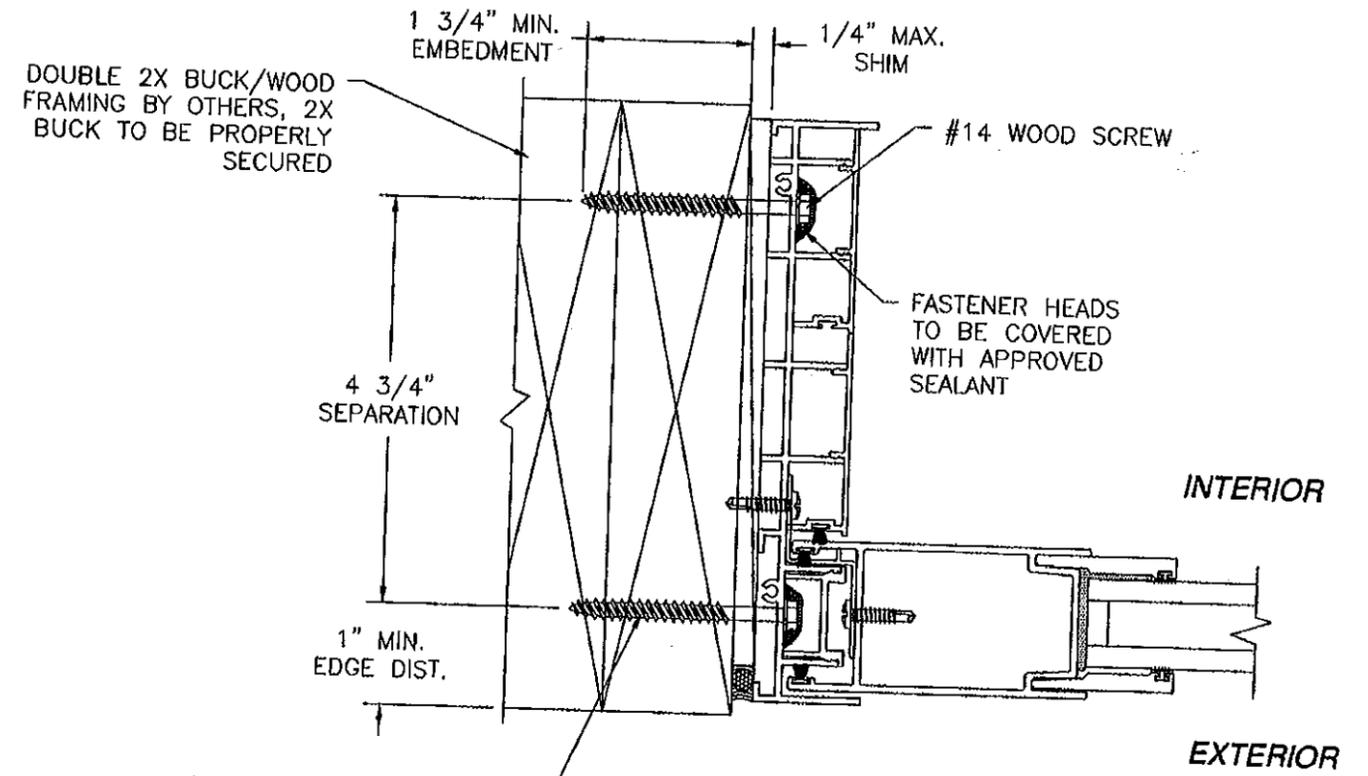
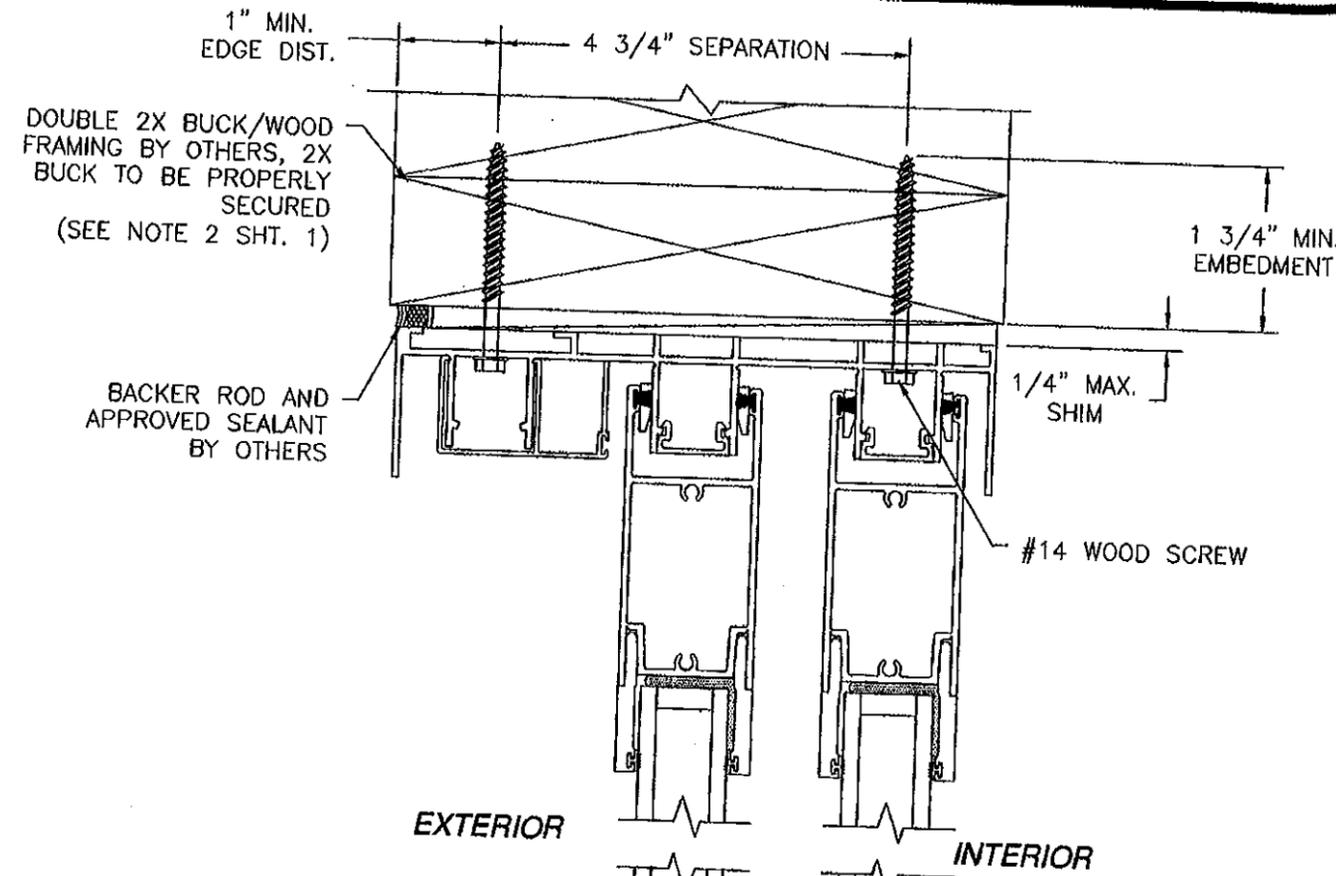
1X BUCK BY OTHERS,
1X BUCK TO BE PROPERLY SECURED
(SEE NOTE 2 SHT. 1)

NOTE:
CONCRETE SUBSTRATE INSTALLATION FOR 2 TRACK SHOWN.
ANCHORAGE SIMILAR FOR 3 TRACK AND 4 TRACK SYSTEMS.
SEE SHEET 10 FOR O.C. ANCHOR SEPARATION.

2 TRACK WITH 3\"/>

<p>Approved as complying with the Florida Building Code Date <u>JUNE 23, 2011</u> NOAA <u>10-0433-09</u> Miami Dade Product Control By <u>[Signature]</u></p>	<p>WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com</p>		
	<p>8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED INSTALLATION DETAILS</p>		
<p>DRAWN: TJH</p>	<p>DWG NO. 08-00943</p>	<p>REV B</p>	<p>STATE OF Luis R. Lomas P.E. Florida (No. 62514)</p>
<p>SCALE NTS</p>	<p>DATE 02/04/10</p>	<p>SHEET 20 OF 26</p>	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



SEE NUMBER OF ANCHORS REQUIRED AT JAMBS PER TABLE SHEETS 8 & 9

3 TRACK FRAME JAMB INSTALLATION
 DOUBLE 2X BUCK/WOOD FRAME INSTALLATION, 3 TRACK SHOWN 2 TRACK & 4 TRACK ARE SIMILAR

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 12-0130-15
 Expiration Date 6/23/16
 Luis R. Lomas
 Miami Dade Product Control

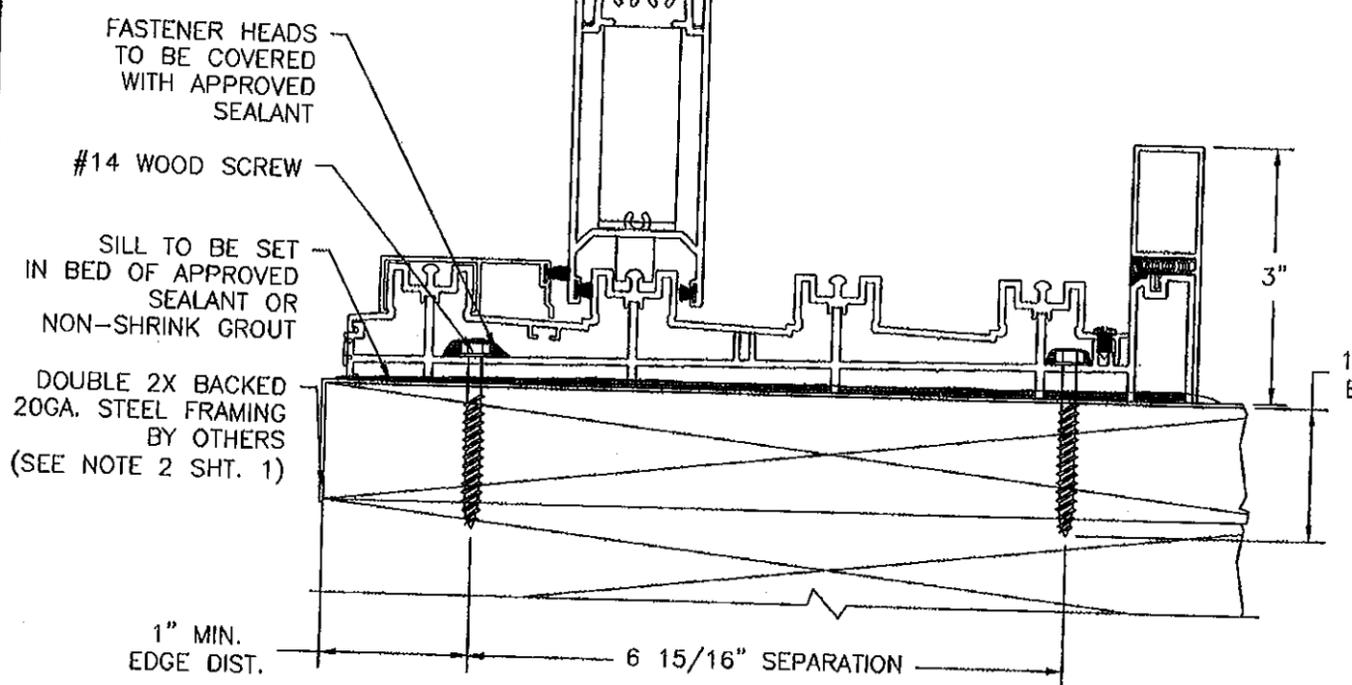
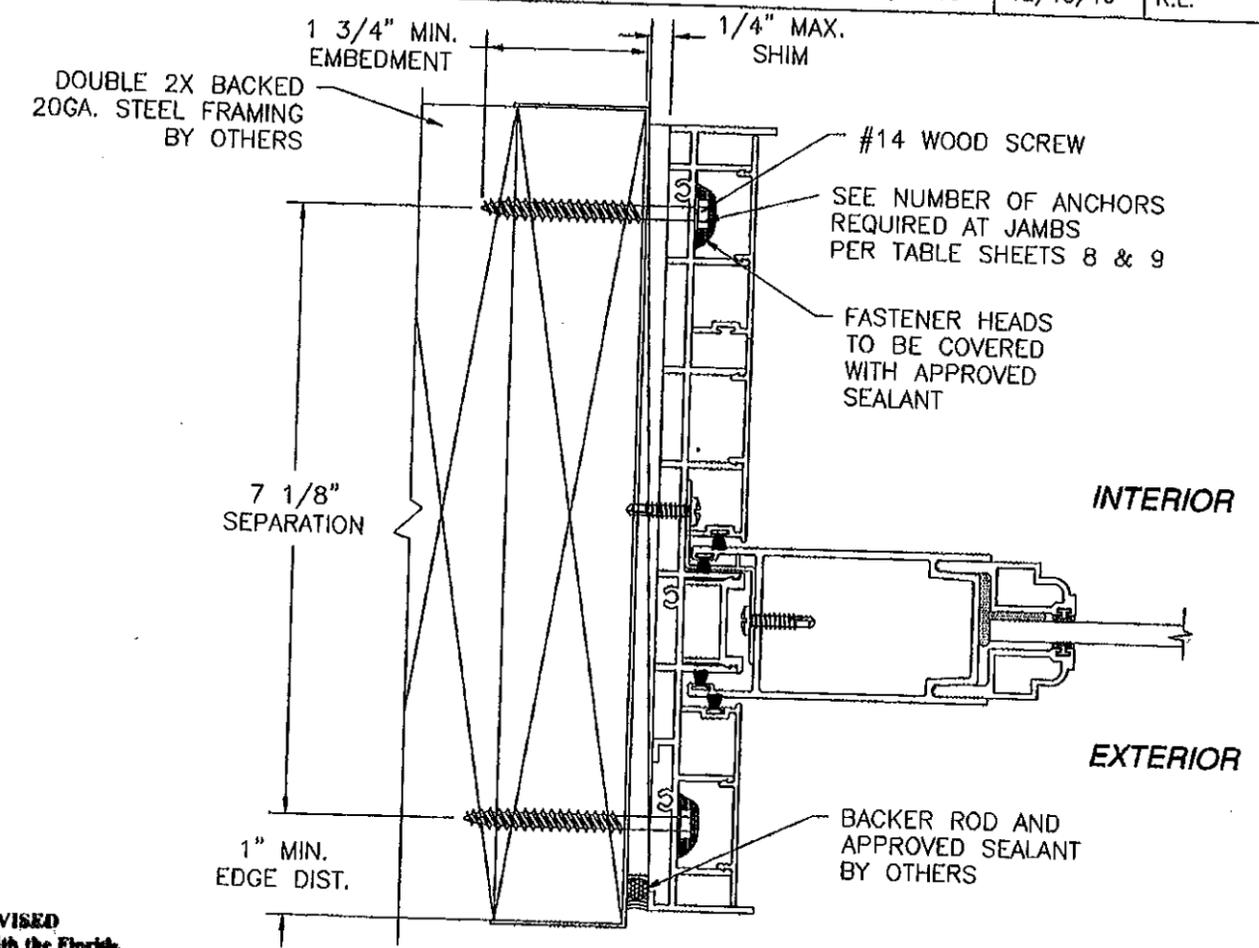
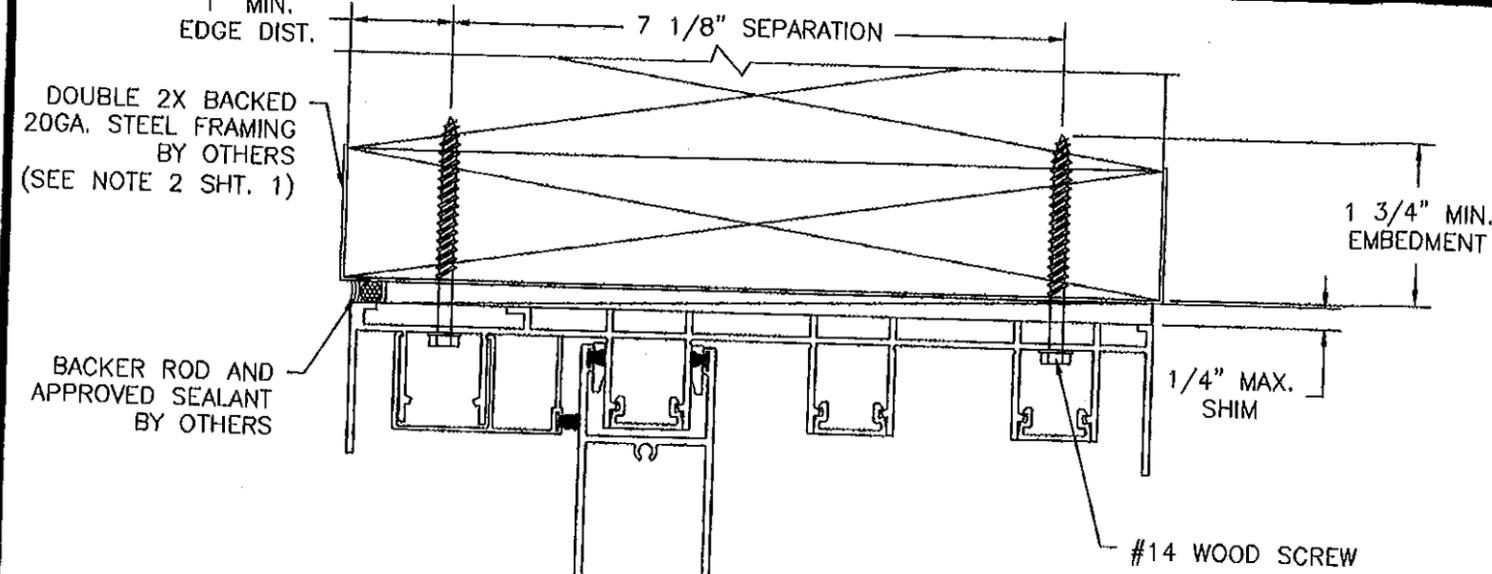
NOTE:
 DOUBLE 2X BUCK/WOOD FRAME SUBSTRATE INSTALLATION FOR 3 TRACK SHOWN. ANCHORAGE SIMILAR FOR 2 TRACK AND 4 TRACK SYSTEMS. SEE SHEET 10 FOR ANCHOR O.C. SEPARATION.

3 TRACK WITH 4 1/4" SILL RISER SHOWN 2 TRACK & 4 TRACK ARE SIMILAR. ALL APPLICABLE SILL RISERS MAY BE USED PER DP TABLE SHEET 7.

3 TRACK FRAME VERTICAL INSTALLATION
 DOUBLE 2X BUCKWOOD FRAME INSTALLATION

Approved as complying with the Florida Building Code Date <u>JUNE 23, 2011</u> NOAP <u>12-0130-15</u> Miami Dade Product Control By <u>Luis R. Lomas</u>	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
	8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED INSTALLATION DETAILS	
DRAWN: TJH SCALE NTS	DWG NO. 08-00943 DATE 02/04/10	REV B SHEET 21 OF 26

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



4 TRACK FRAME VERTICAL INSTALLATION
WOOD BACKED 20 GA. STEEL STUD INSTALLATION

PRODUCT REVISED
as complying with the Florida Building Code
Adoption No. 12-0130-15
Expiration Date 6/23/11
By: *Luis R. Lomas*
Miami Dade Product Control

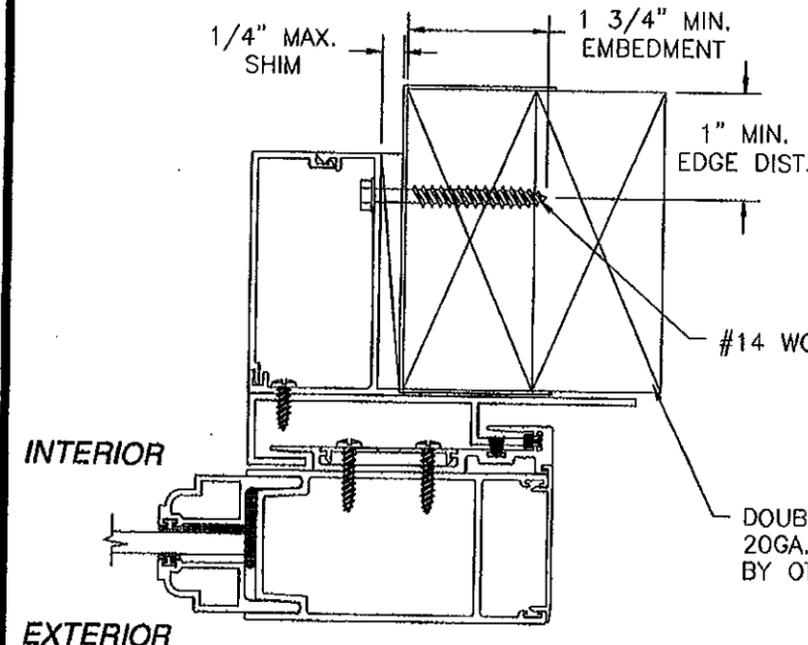
NOTE:
WOOD BACKED 20 GA. STEEL STUD SUBSTRATE INSTALLATION FOR 4 TRACK SHOWN. ANCHORAGE SIMILAR FOR 2 TRACK AND 3 TRACK SYSTEMS. SEE SHEET 10 FOR ANCHOR O.C. SEPARATION.

4 TRACK FRAME JAMB INSTALLATION
WOOD BACKED 20 GA. STEEL STUD INSTALLATION, 4 TRACK SHOWN 2 TRACK & 3 TRACK ARE SIMILAR

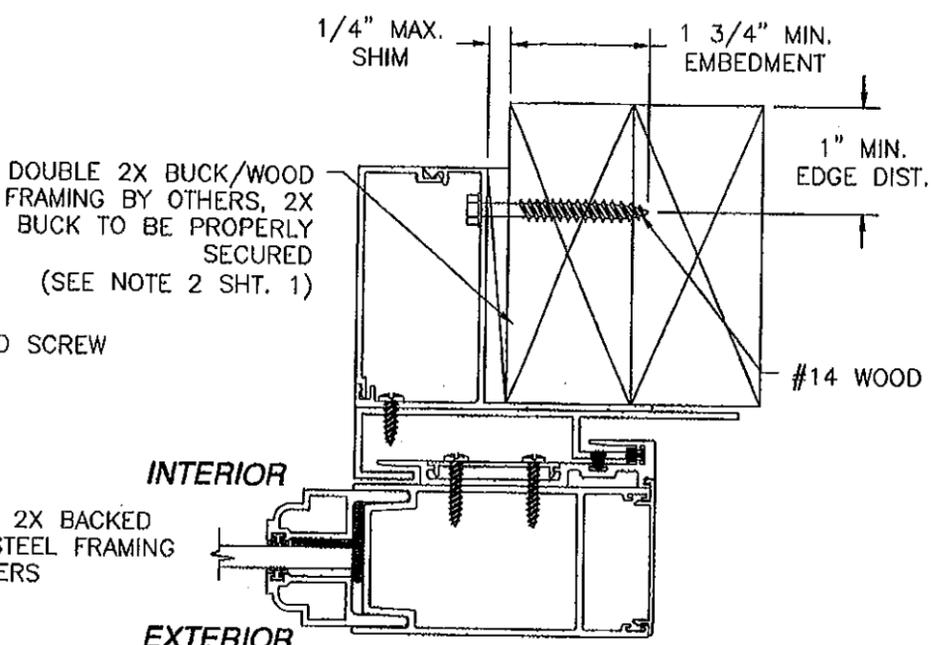
4 TRACK WITH 3\"/>

<p>Approved as complying with the Florida Building Code Date <u>June 23, 2011</u> NOA# <u>10-0422-03</u> Miami Dade Product Control By: <i>Luis R. Lomas</i></p>	<p>WinDoor INCORPORATED</p>		<p>7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com</p>	<p><i>Luis R. Lomas</i> 12/3/10 Luis R. Lomas, P.E. Florida No. 62514</p>
	<p>8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED INSTALLATION DETAILS</p>			
<p>DRAWN: TJH</p>	<p>DWG NO. 08-00943</p>	<p>REV B</p>		
<p>SCALE NTS</p>	<p>DATE 02/04/10</p>	<p>SHEET 22 OF 26</p>		

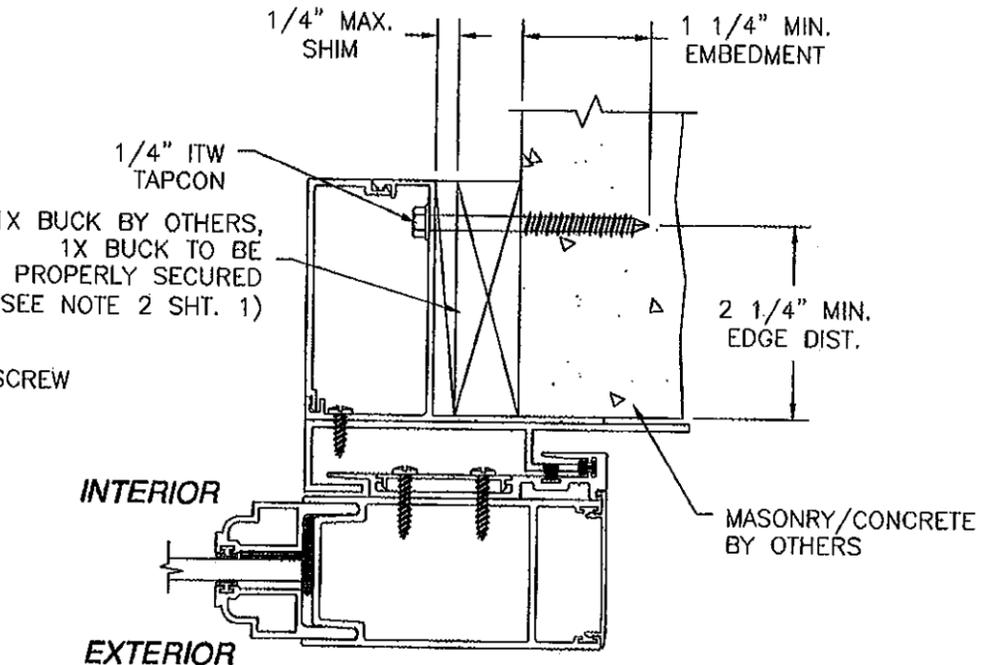
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



POCKET HOOK STRIP
WOOD BACKED 20 GA. STEEL STUD INSTALLATION



POCKET HOOK STRIP
2X BUCK/WOOD FRAME INSTALLATION

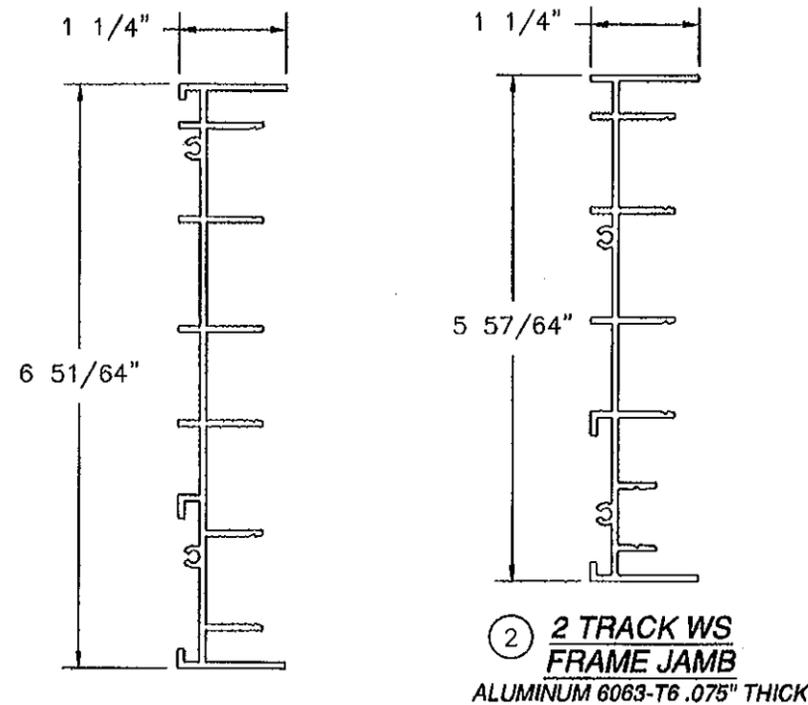


POCKET HOOK STRIP
MASONRY/CONCRETE INSTALLATION

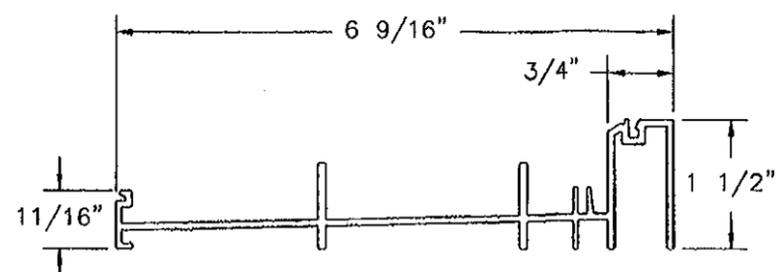
PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 12-0130-15
Expiration Date 6/23/16
By *Luis B. Lomas*
Special State Product Control

Approved as complying with the Florida Building Code Date <u>JUNE 23, 2011</u> NOA# <u>10-0422-00</u> Minimum Date Product Control By <i>Luis B. Lomas</i>	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
	8100 SERIES ALUMINUM SGD NON-IMPACT REINFORCED & NON-REINFORCED INSTALLATION DETAILS	
DRAWN: TJH	DWG NO. 08-00943	REV B
SCALE NTS	DATE 02/04/10	SHEET 23 OF 26

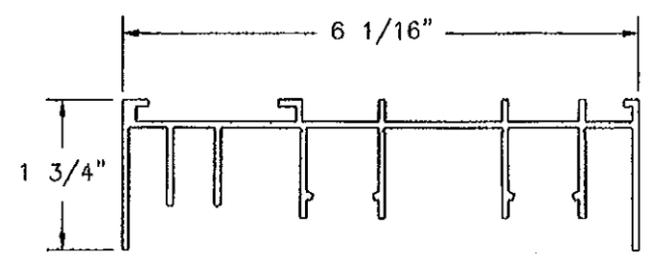
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



② 2 TRACK WS FRAME JAMB
ALUMINUM 6063-T6 .075" THICK

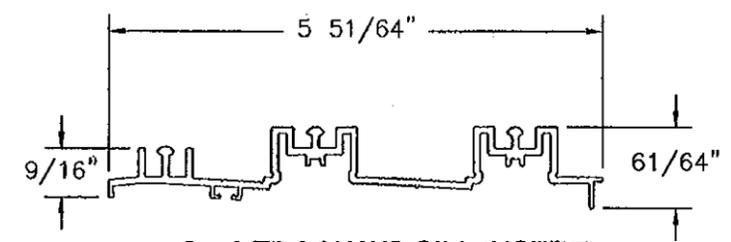
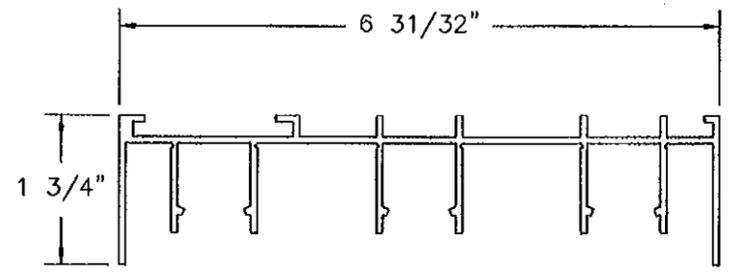


③ 2 TRACK NS/WS SILL PAN
ALUMINUM 6063-T6 .075" THICK



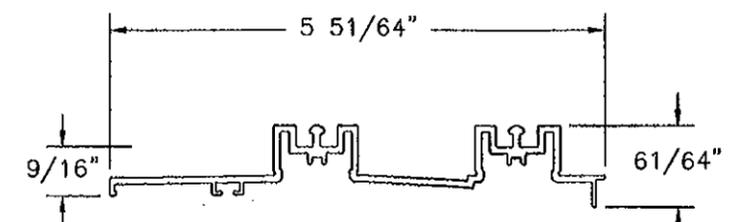
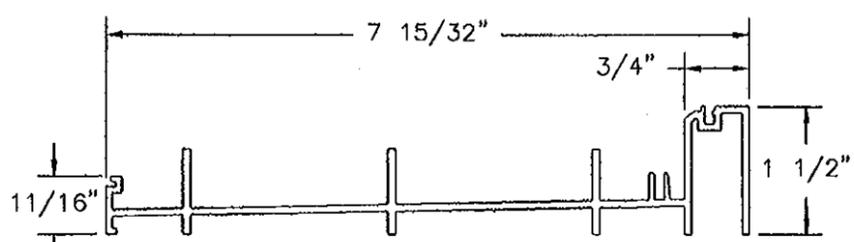
① 2 TRACK WS FRAME HEAD
ALUMINUM 6063-T6 .075" THICK

⑧ 3 TRACK FRAME JAMB
ALUMINUM 6063-T6 .075" THICK

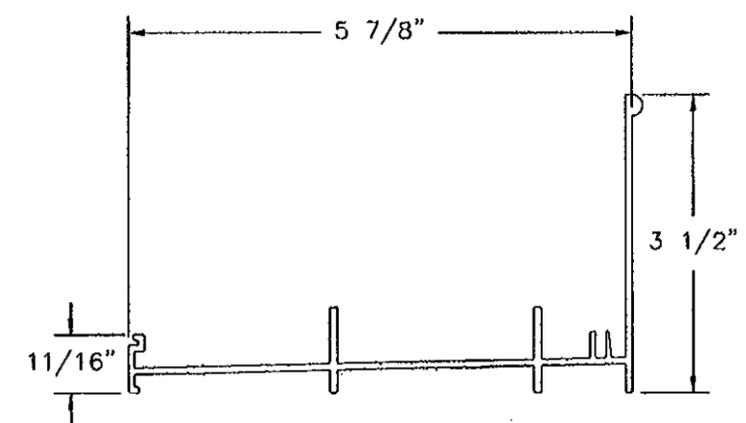


④ 2 TRACK WS SILL INSERT
ALUMINUM 6063-T6 .075" THICK

⑦ 3 TRACK FRAME HEAD
ALUMINUM 6063-T6 .075" THICK

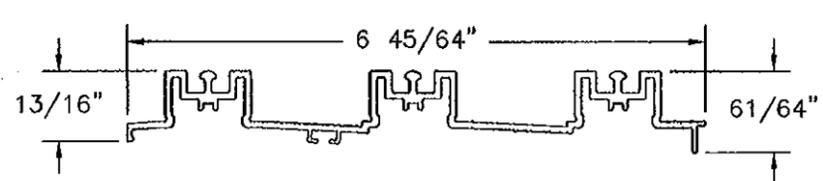


⑥ 2 TRACK NS SILL INSERT
ALUMINUM 6063-T6 .075" THICK



⑦ 2 TRACK WS RETRO SILL PAN
ALUMINUM 6063-T6 .075" THICK

⑨ 3 TRACK SILL PAN
ALUMINUM 6063-T6 .075" THICK



⑩ 3 TRACK SILL INSERT
ALUMINUM 6063-T6 .075" THICK

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 12-0130-15
Expiration Date 4/23/16
By *[Signature]*
Miami Dade Product Council

Approved as complying with the
Florida Building Code
Date JUNE 23, 2011
NOA# 10-0422-09
Miami Dade Product Council
By *[Signature]*

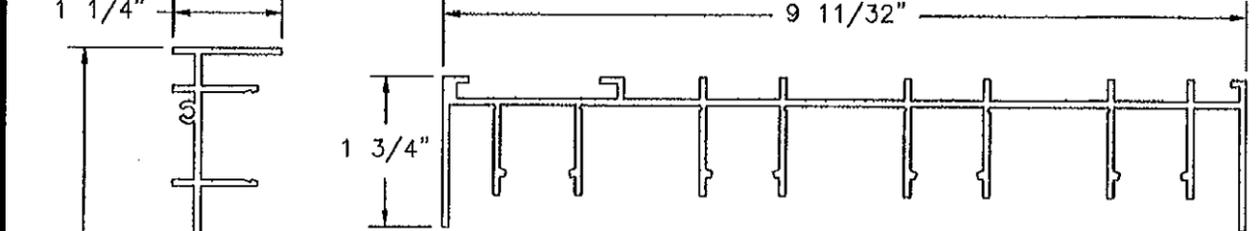
WinDoor
INCORPORATED
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

8100 SERIES ALUMINUM SGD NON-IMPACT
REINFORCED & NON-REINFORCED
COMPONENTS

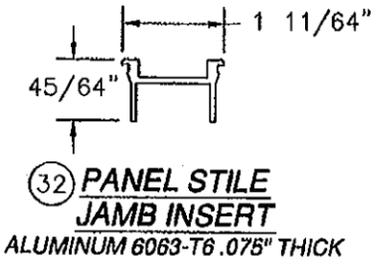
DRAWN: TJH	DWG NO. 08-00943	REV B
SCALE NTS	DATE 02/04/10	SHEET 24 OF 26

[Signature]
Luis R. Lomds, P.E.
Florida No. 62514

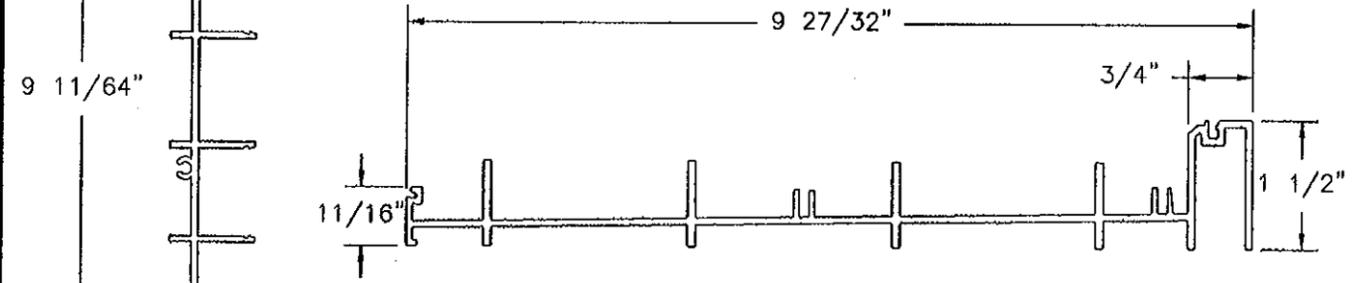
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



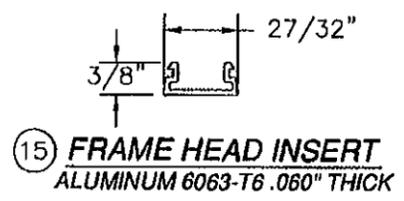
① 4 TRACK FRAME HEAD
ALUMINUM 6063-T6 .075" THICK



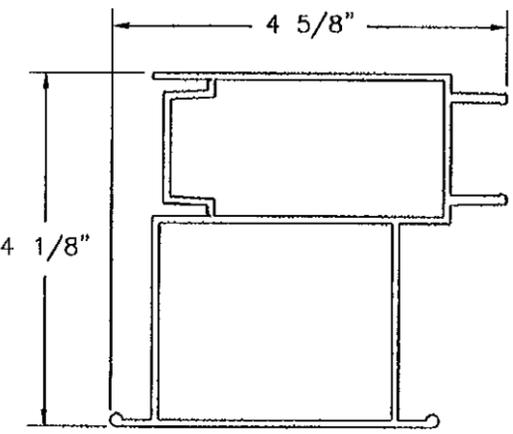
③ 2 PANEL STILE
JAMB INSERT
ALUMINUM 6063-T6 .075" THICK



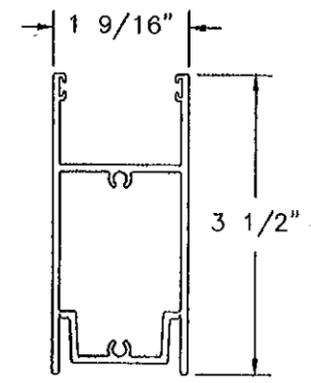
③ 4 TRACK SILL PAN
ALUMINUM 6063-T6 .075" THICK



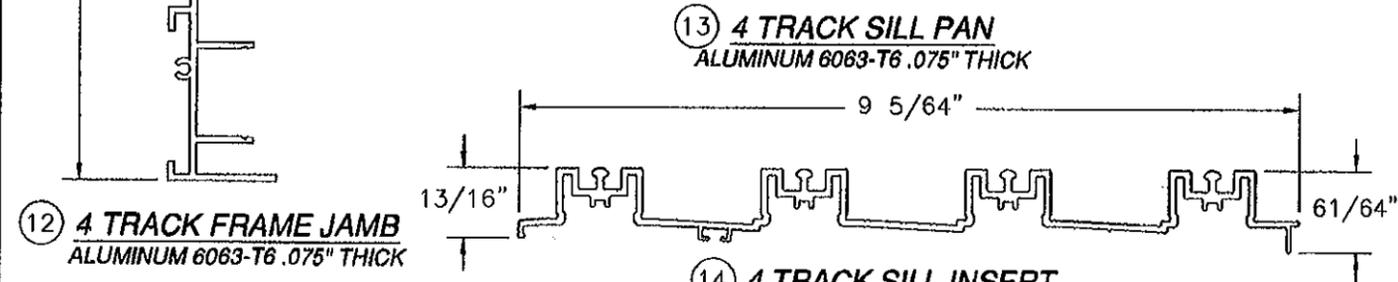
③ 15 FRAME HEAD INSERT
ALUMINUM 6063-T6 .060" THICK



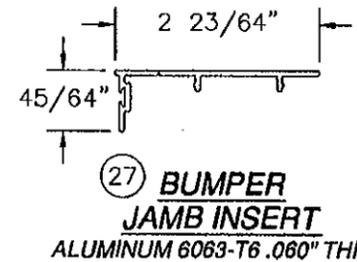
③ 23 FEMALE BUTT STILE
EXT. OFFSET
ALUMINUM 6063-T6 .080" THICK



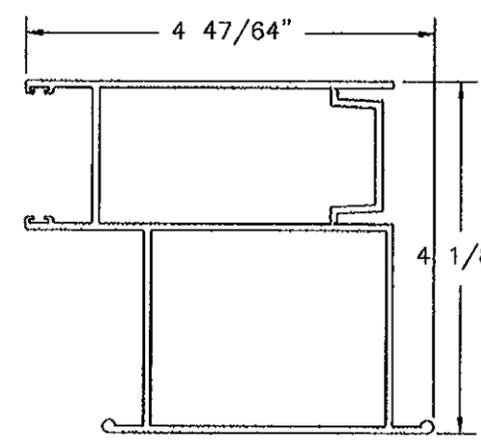
③ 17 TOP RAIL
ALUMINUM 6063-T6 .080" THICK



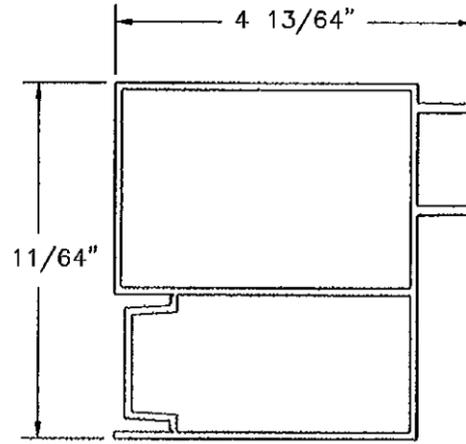
③ 14 4 TRACK SILL INSERT
ALUMINUM 6063-T6 .075" THICK



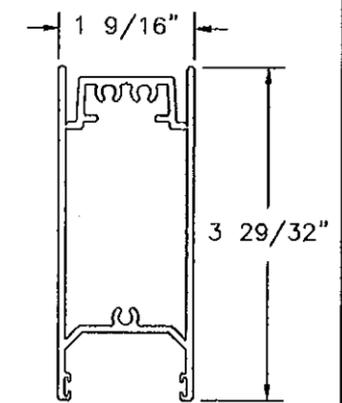
③ 27 BUMPER
JAMB INSERT
ALUMINUM 6063-T6 .080" THICK



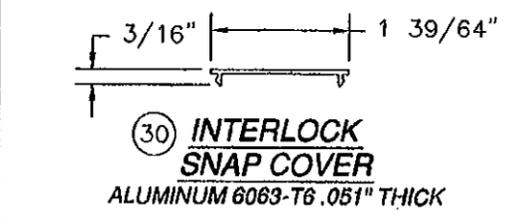
③ 24 MALE BUTT STILE
EXT. OFFSET
ALUMINUM 6063-T6 .080" THICK



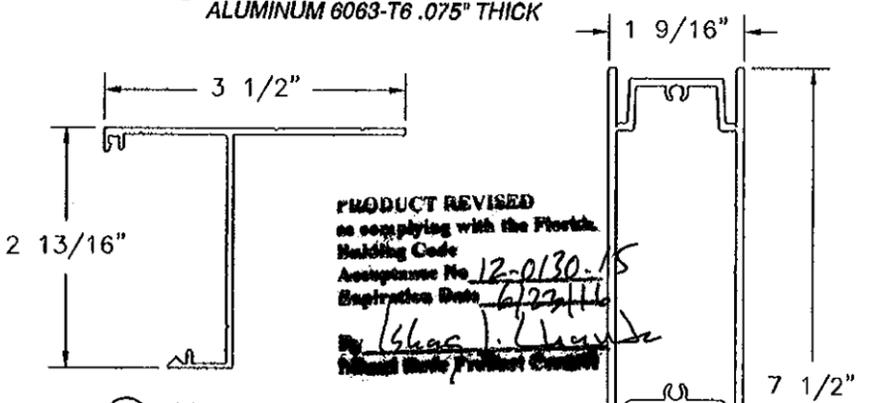
③ 25 FEMALE BUTT STILE
INT. OFFSET
ALUMINUM 6063-T6 .080" THICK



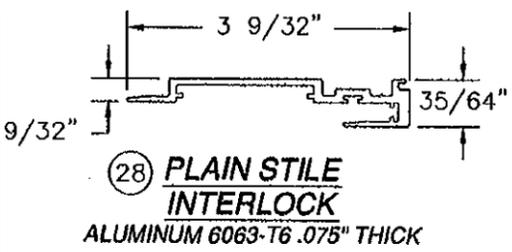
③ 18 BOTTOM RAIL
ALUMINUM 6063-T6 .080" THICK



③ 30 INTERLOCK
SNAP COVER
ALUMINUM 6063-T6 .051" THICK

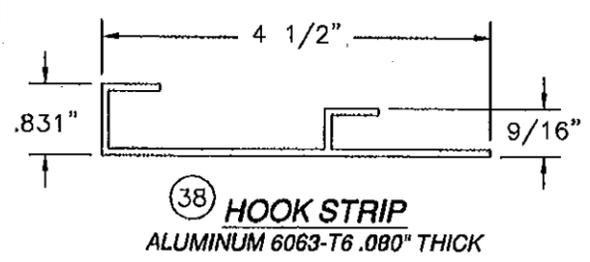


③ 40 HOOK STRIP
WALL MOUNT
ALUMINUM 6063-T6 .075" THICK

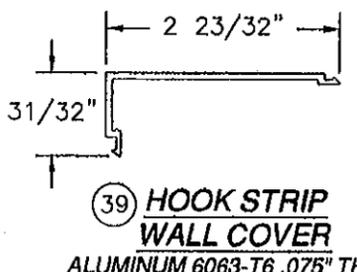


③ 28 PLAIN STILE
INTERLOCK
ALUMINUM 6063-T6 .075" THICK

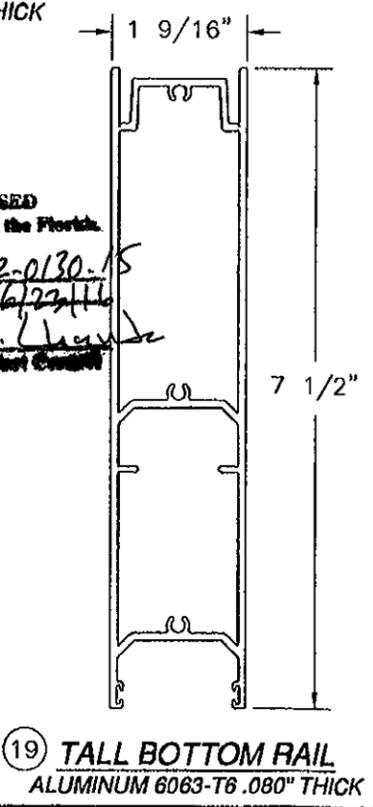
PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 12-0130-15
Expiration Date 6/23/16
By: *Isaac L. Grande*
Miami Dade Product Control



③ 38 HOOK STRIP
ALUMINUM 6063-T6 .080" THICK



③ 39 HOOK STRIP
WALL COVER
ALUMINUM 6063-T6 .075" THICK



③ 19 TALL BOTTOM RAIL
ALUMINUM 6063-T6 .080" THICK

Approved as complying with the
Florida Building Code
Date: *JUN 23 2011*
NDA# *15-0422-01*
Miami Dade Product Control
By: *Isaac L. Grande*

WinDoor
INCORPORATED

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

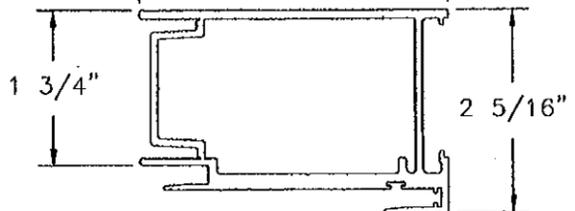
8100 SERIES ALUMINUM SGD NON-IMPACT
REINFORCED & NON-REINFORCED
COMPONENTS

DRAWN: TJH
DWG. NO. 08-00943
REV B

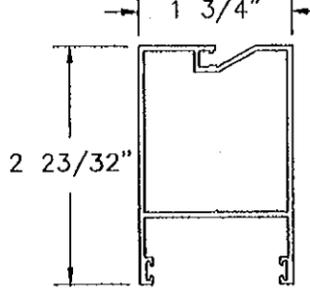
SCALE NTS
DATE 02/04/10
SHEET 25 OF 26

Luis R. Torres
Luis R. Torres P.E.
Florida No. 62514

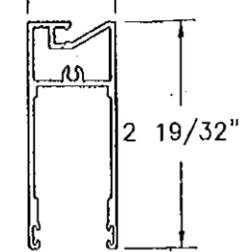
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE LETTER DATED JULY 14, 2010	07/22/10	R.L.
B	PER DADE LETTER DATED OCT. 7, 2010	12/10/10	R.L.



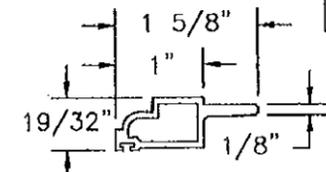
22 INTERLOCK STILE
ALUMINUM 6063-T6 .080" THICK



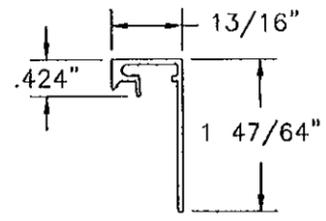
73 MT SCREEN STILE
ALUMINUM 6063-T6 .060" THICK



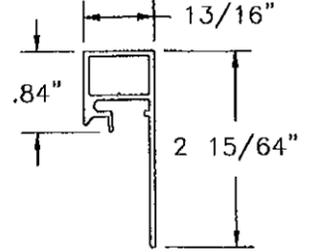
76 BOX SCREEN TOP/BOTTOM RAIL
ALUMINUM 6063-T6 .062" THICK



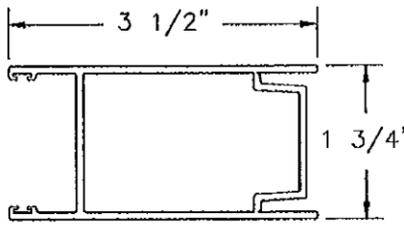
41 1/4" HORIZONTAL GLASS STOP
ALUMINUM 6063-T6 .070" THICK



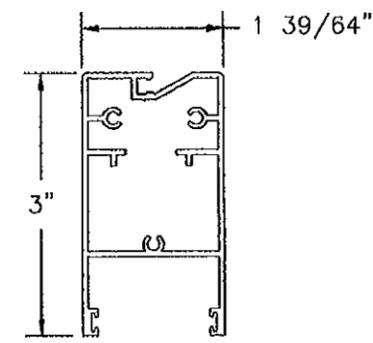
33 1 3/4" SILL RISER
ALUMINUM 6063-T6 .060" THICK



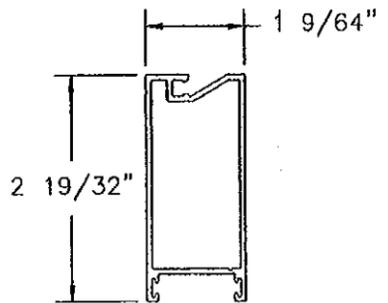
34 2 1/4" SILL RISER
ALUMINUM 6063-T6 .060" THICK



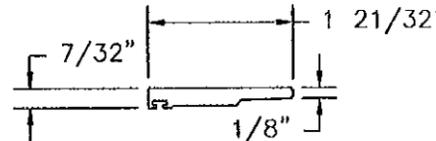
21 LOCK STILE
ALUMINUM 6063-T6 .090" THICK



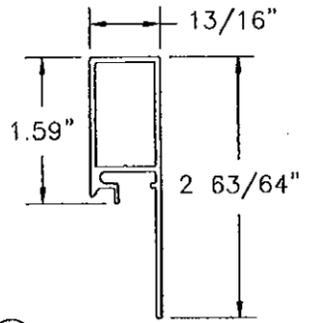
72 MT SCREEN TOP/BOTTOM RAIL
ALUMINUM 6063-T6 .060" THICK



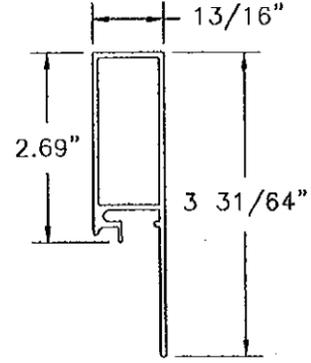
73 BOX SCREEN STILE
ALUMINUM 6063-T6 .062" THICK



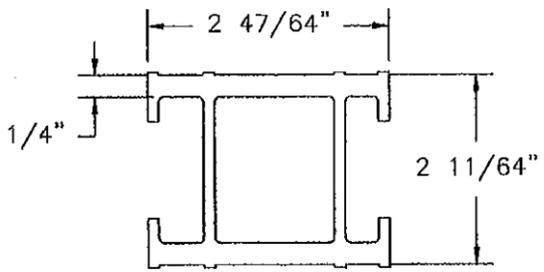
44 1" VERTICAL GLASS STOP
ALUMINUM 6063-T6 .20" THICK



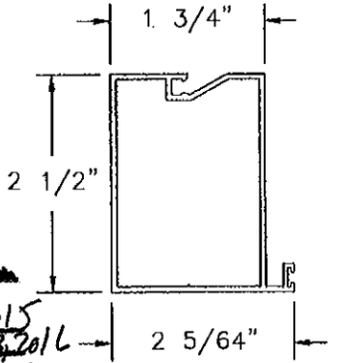
35 3" SILL RISER
ALUMINUM 6063-T6 .060" THICK



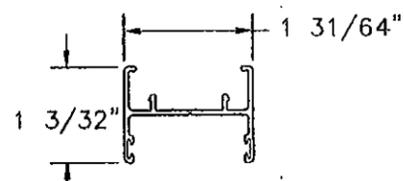
36 3 1/2" SILL RISER
ALUMINUM 6063-T6 .060" THICK



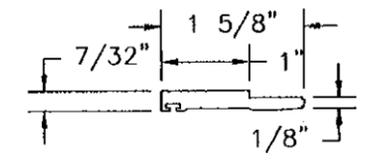
47 FEMALE BUTT STILE REINFORCING BAR
ALUMINUM 6005-T6 .125" THICK



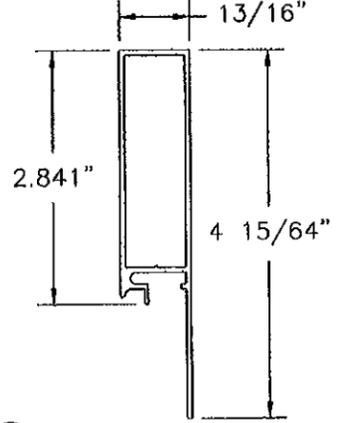
74 MT SCREEN STILE W/SEAL
ALUMINUM 6063-T6 .060" THICK



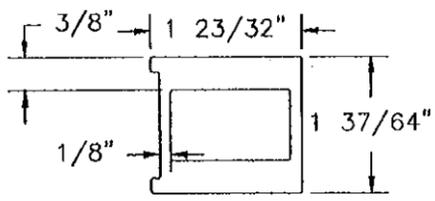
79 BOX SCREEN ASTRAGAL
ALUMINUM 6063-T6 .050" THICK



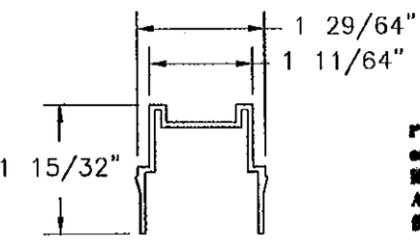
43 1" HORIZONTAL GLASS STOP
ALUMINUM 6063-T6 .20" THICK



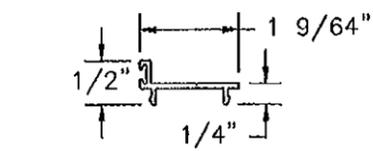
37 4 1/4" SILL RISER
ALUMINUM 6063-T6 .060" THICK



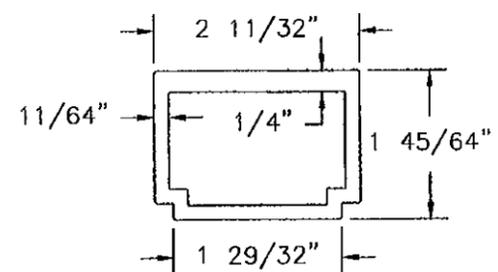
45 6000 BUTT STILE REINFORCING BAR
ALUMINUM 6061-T6 .375" THICK



75 MT SCREEN ASTRAGAL
ALUMINUM 6063-T6 .060" THICK

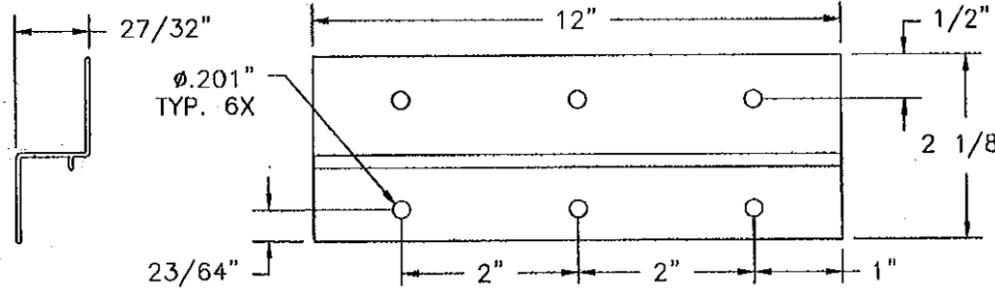


78 BOX SCREEN SWEEP
ALUMINUM 6063-T6 .060" THICK

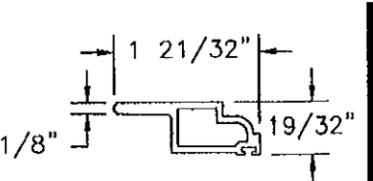


46 INTERLOCK REINFORCING BAR
ALUMINUM 6005-T6 .168" THICK

PRODUCT REVISED
as complying with the Florida
Building Code
Amendment No. 12-0130-15
Expiration Date: JUNE 23, 2016
By: *Luis R. Lomas*



85 FIXED PANEL Z-CLIP
6063-T6 ALUM. .050" THICK



42 1/4" VERTICAL GLASS STOP
ALUMINUM 6063-T6 .070" THICK

Approved as complying with the
Florida Building Code
Date: JUNE 23, 2011
NDA# 10-0422-09
Miami Dade Product Control
By: *Luis R. Lomas*

WinDoor INCORPORATED
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Fax: 407.481.0505
www.windoorinc.com

8100 SERIES ALUMINUM SGD NON-IMPACT
REINFORCED & NON-REINFORCED
COMPONENTS

DRAWN: TJH
DWG NO. 08-00943
SCALE NTS
DATE 02/04/10
SHEET 26 OF 26

Luis R. Lomas
3/1/11
Luis R. Lomas, P.E.
Florida, No. 62514