



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

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

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 "7000" Aluminum Sliding Glass Door W/WO Reinforcements-Non- Impact

APPROVAL DOCUMENT: Drawing No. 08-00635 Rev E, titled "7000 Series SGD-Non-Impact", sheets 1 through 20 of 20, prepared by manufacturer, dated 11/10/08 and last revised on 11/10/2015, 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 riser and glass types in sheets 1 thru 3 & additional sizes in sheets 5 & 6.
2. See anchor charts in sheets 5 & 6. Two (2) anchors at each anchor location shown in sheets 5 & 6, at head, sill and jambs, except one (1) anchor per location pocket (hook-strips jamb) not to exceed 11" O.C. is required per chart #10 (sheet 6).
3. Reinforcement item #32 shall be AI-6005-T5, as tested.
4. Vinyl items # 54 (GS-VN-07A), 55 (GS-VN-06A) & 56 (GS-VN-05A) of B.O.M. shall meet material properties listed per Bayshore vinyl compound BVC 7200-70, manufactured by Team Plastics (part# TP-1051).

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 & renews NOA # 12-0130.07 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.**



3/18/16

NOA No. 15-0604.08
Expiration Date: June 02, 2020
Approval Date: March 24, 2016
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (submitted under files below)
2. Drawing No. **08-00635 Rev E**, titled "7000 Series SGD-Non-Impact", sheets 1 through 20 of 20, prepared by manufacturer, dated 11/10/08 and last revised on 11/10/2015, signed and sealed by Luis R. Lomas, P.E.

B. TESTS (Submitted under files # 12-0130.07/# 09-0505.02)

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

Along with marked-up drawings and installation diagram of Aluminum Sliding Glass, prepared by National Certified Testing Laboratories Inc, Test Report No. **NCTL-210-3533-1**, dated 03/25/09, signed & sealed by Gerald J, Ferrara, P.E.

C. CALCULATIONS

1. Anchor verification calculations, structural & comparative analysis, complying with FBC2014(5th Edition), dated 05-29-15, 12-09/15 and last revised on 02/11/16, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Glazing complies with ASTM E-1300-02, -04 & -09.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS (Submitted under files # 12-0130.07/# 09-0505.02)

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 2014 (5th edition) and "No financial interest", dated 03/03/15, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Test lab compliance statement, part of the above referenced reports.

G. OTHER

1. This NOA revises & renews NOA # 12-0130.07, expiring on June 02, 2020.
2. Test Proposals # 07-3931, dated 04/31/2008 approved by BCCO

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No. 15-0604.08

Expiration Date: June 02, 2020
Approval Date: March 24, 2016

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2014 (5TH EDITION) FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. WOOD FRAMING/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 AND PANEL MATERIAL: ALUMINUM 6063-T6
5. UNITS MUST BE GLAZED PER ASTM E1300-02 OR 04. (SEE DETAILS SHEET 8)
6. APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN AREAS WHERE WIND BORNE DEBRIS PROTECTION IS REQUIRED.
7. APPROVED TO BE INSTALLED ON A 2 TRACK, 3 TRACK OR 4 TRACK FRAME SYSTEM WITH OR WITHOUT POCKETS.

PANEL CONSTRUCTION:

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

FRAME CONSTRUCTION:

EACH FRAME CORNER IS NOTCHED AND BUTTED. HEAD AND SILL ARE SECURED TO JAMBS WITH #8 x 1" TYPE F SCREW, B.O.M. ITEM #48, (2) AT EACH CORNER ON 2 TRACK FRAME, (3) AT EACH CORNER ON 3 TRACK FRAME AND (4) AT EACH CORNER ON 4 TRACK FRAME.

ANCHORING NOTES:

- 1) ALL FRAME SYSTEMS, 2 TRACK, 3 TRACK AND 4 TRACK, HAVE TWO INSTALLATION ANCHORS AT EACH INSTALLATION ANCHOR LOCATION IN HEAD, SILL AND JAMBS.
- 2) ALL FRAME SYSTEMS, 2 TRACK, 3 TRACK AND 4 TRACK, HAVE ONE INSTALLATION ANCHOR AT EACH INSTALLATION ANCHOR LOCATION IN HOOK STRIP.
- 3) FOR ANCHORING INTO MASONRY/CONCRETE THROUGH A PROPERLY SECURED 1X NON-STRUCTURAL WOOD BUCK AT HEAD, SILL AND JAMBS 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 1 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 AT HEAD, SILL AND JAMBS USE #10 GRADE 5 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT AND 3/4" MINIMUM EDGE DISTANCE INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 5) FOR ANCHORING INTO MASONRY/CONCRETE AT HOOK STRIP 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. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 6) FOR ANCHORING INTO DOUBLE STUD WOOD FRAMING, DOUBLE 2X BUCK OR DOUBLE 2X WOOD BACKED 20 GA. MINIMUM STEEL STUD AT HOOK STRIP USE #14 GRADE 5 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 2" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 7) SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM TO BE 1/4".
- 8) ALL FASTENERS TO BE CORROSION RESISTANT.
- 9) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,200 PSI.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL BACKED FRAMING - 20 GA (.040) MINIMUM THICKNESS (TO BE USED WITH WOOD FRAMING)

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 15-0604-08
 Expiration Date JUNE 02 2020
 Luis R. Lomas
 Professional Engineer
 State of Florida

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7	ANCHORING LAYOUT
8	BILL OF MATERIALS AND GLAZING DETAILS
9 - 14	CROSS SECTIONS
15 - 18	INSTALLATION DETAILS
19 - 20	COMPONENTS

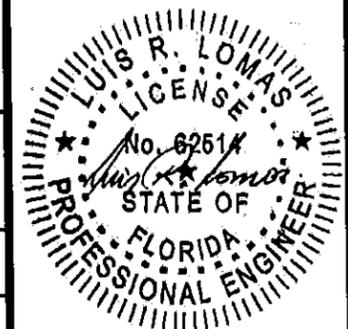
SIGNED: 02/05/2016

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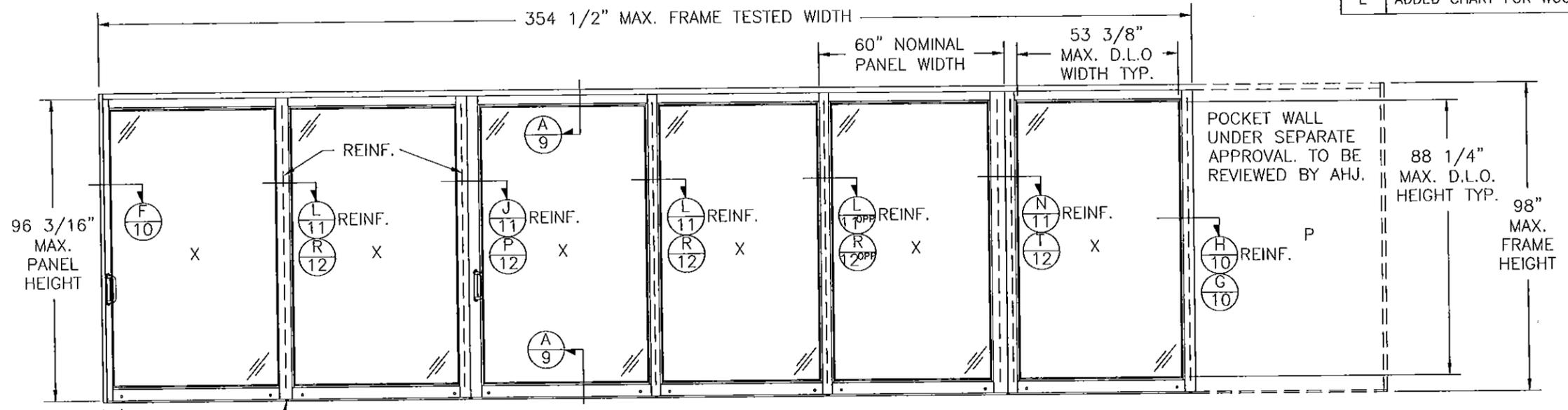
7500 AMSTERDAM DRIVE
 ORLANDO, FL 32832
 Phone: 407.481.8400
 Fax: 407.481.0505
 www.windoorinc.com

7000 SERIES NON-IMPACT REINFORCED
 & NON-REINFORCED (5'0 x 8'2 PANEL)
 NOTES

DRAWN: TJH	DWG NO. 08-00635	REV E
SCALE NTS	DATE 11/11/08	SHEET 1 OF 20



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.

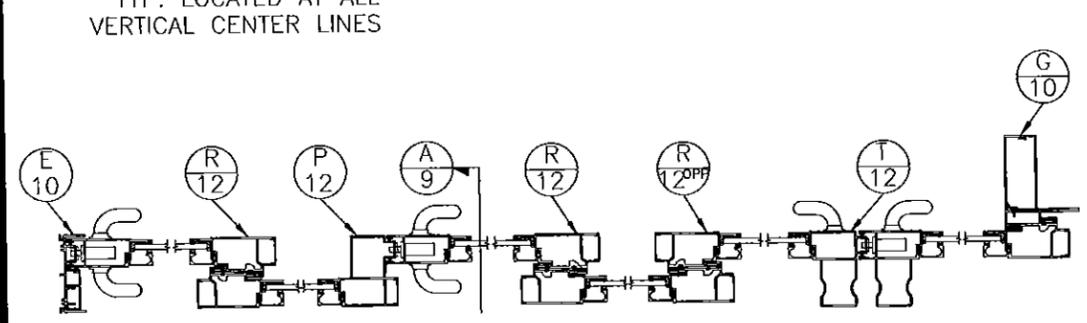


7000 SERIES NON-IMPACT SGD (XXXXXXP)
TYPICAL ELEVATION EXTERIOR VIEW

(6) PANELS SHOWN. PANELS IN LIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL WIDTH & HEIGHT AND MAX FRAME AREA DOES NOT EXCEED TESTED FRAME AREA = 241.25FT² AND USE VERTICAL CONDITIONS AS SHOWN.

PANEL AND D.L.O. FORMULA
 PANEL HEIGHT = UNIT HEIGHT - 1 9/16"
 D.L.O. HEIGHT = PANEL HEIGHT - 7.9375"
 D.L.O. WIDTH = PANEL WIDTH - 6.625"

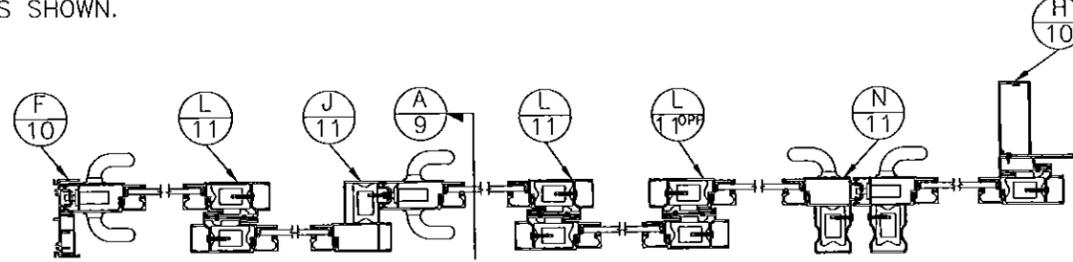
6" TO WEEP
 WEEP SLOT 1" x .1875"
 TYP. LOCATED AT ALL VERTICAL CENTER LINES



7000 SERIES NON-IMPACT NON-REINFORCED SGD
2 TRACK LAYOUT
NON-REINFORCED

DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	NONE

WITH SILL ITEMS 3, 8 & 13
 FOR ADDITIONAL SIZES SEE CHARTS 1, 2 & 3, SHEET 5



7000 SERIES NON-IMPACT REINFORCED SGD
2 TRACK LAYOUT

REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	NONE

WITH SILL ITEMS 3, 8 & 13
 FOR ADDITIONAL SIZES SEE CHARTS 4, 5 & 6, SHEET 5

REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	NONE

WITH SILL ITEMS 4, 9 & 14
 FOR ADDITIONAL SIZES SEE CHARTS 7, 8 & 9, SHEET 6

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. _____
 Expiration Date _____
 By: _____
 National Door Product Control

SIGNED: 02/05/2016

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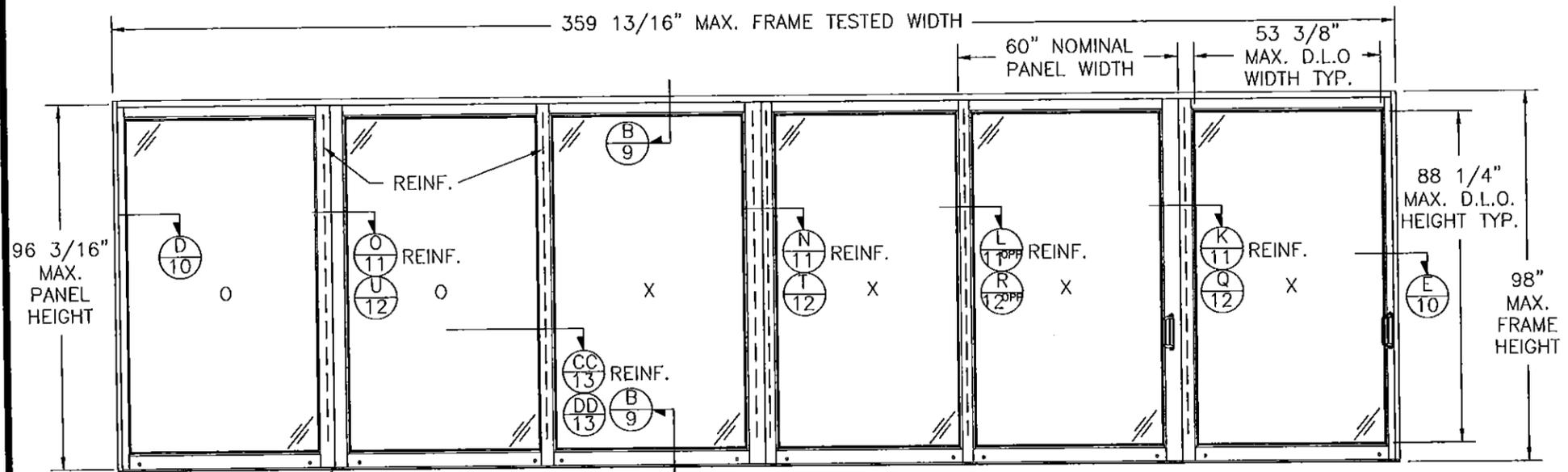
7000 SERIES NON-IMPACT REINFORCED
 & NON-REINFORCED (5'0 x 8'2 PANEL)
 ELEVATION, HORIZONTAL CROSS SECTIONS

DRAWN: TJH	DWG NO. 08-00635	REV E
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SCALE NTS	DATE 11/11/08	SHEET 2 OF 20
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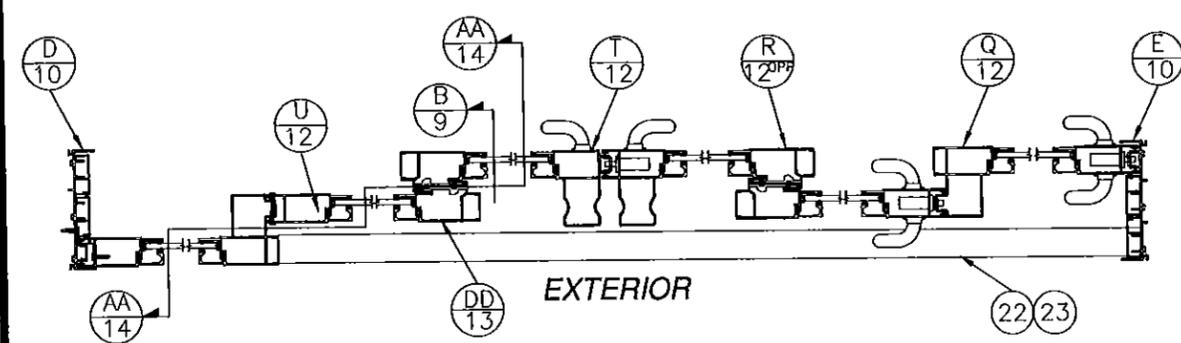
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



7000 SERIES NON-IMPACT SGD (OOXXXX)
TYPICAL ELEVATION EXTERIOR VIEW

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

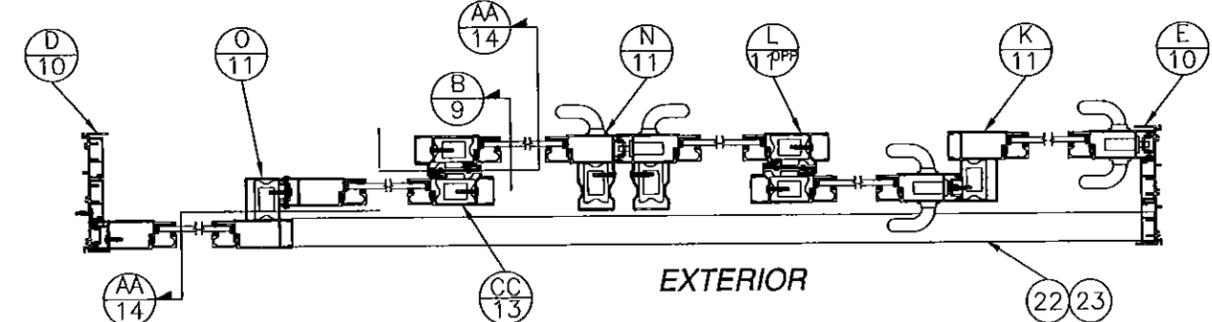
(6) PANELS SHOWN. LIMITED NUMBER OF PANELS IN LIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL WIDTH & HEIGHT AND MAX FRAME AREA DOES NOT EXCEED TESTED FRAME AREA = 244.87FT² AND USE VERTICAL CONDITIONS AS SHOWN.



7000 SERIES NON-IMPACT NON-REINFORCED SGD
3 TRACK LAYOUT

DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	NONE

WITH SILL ITEMS 3, 8 & 13
FOR ADDITIONAL SIZES SEE CHARTS 1, 2 & 3, SHEET 5



7000 SERIES NON-IMPACT REINFORCED SGD
3 TRACK LAYOUT

REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	NONE

WITH SILL ITEMS 3, 8 & 13
FOR ADDITIONAL SIZES SEE CHARTS 4, 5 & 6, SHEET 5

REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	NONE

WITH SILL ITEMS 4, 9 & 14
FOR ADDITIONAL SIZES SEE CHARTS 7, 8 & 9, SHEET 6

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0604-08
Expiration Date 6/2/20
By: [Signature]
Product Control

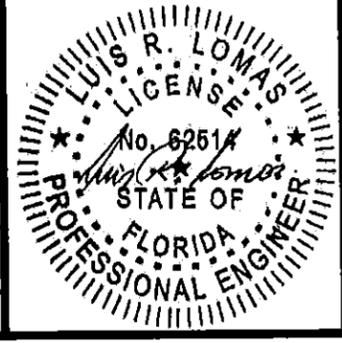
SIGNED: 02/05/2016

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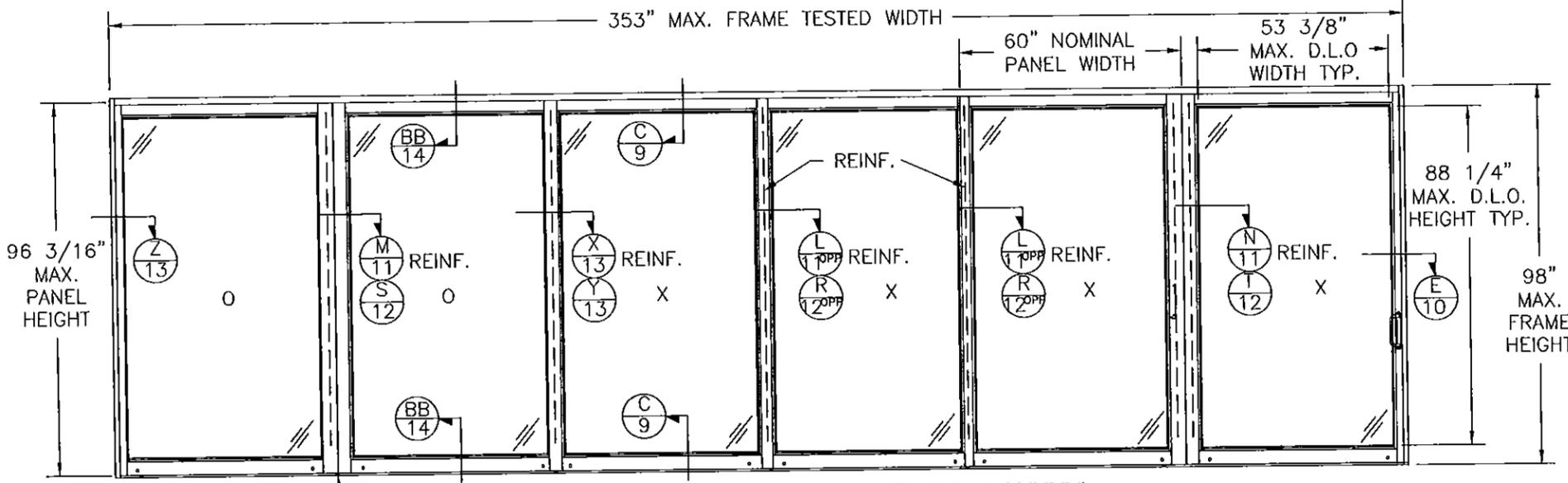
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www.windoorinc.com

7000 SERIES NON-IMPACT REINFORCED
& NON-REINFORCED (5'0 x 8'2 PANEL)
ELEVATION AND HORIZONTAL CROSS SECTIONS

DRAWN: TJH	DWG NO. 08-00635	REV E
SCALE NTS	DATE 11/11/08	SHEET 3 OF 20



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.

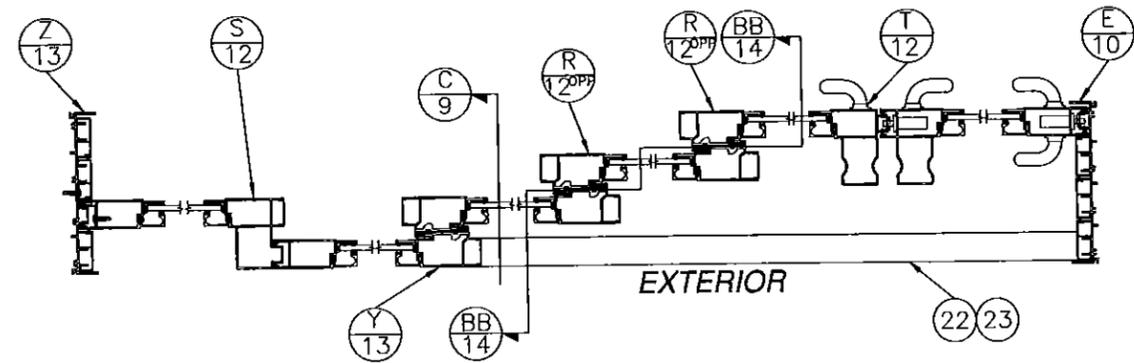


PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 15-0604-08
 Expiration Date 6/2/20
 by [Signature]
 Major Dept. Product Control

7000 SERIES NON-IMPACT SGD (OOXXXX)
 TYPICAL ELEVATION EXTERIOR VIEW

(6) PANELS SHOWN. LIMITED NUMBER OF PANELS IN LIMITED CONFIGURATIONS IS APPLICABLE AS LONG AS INDIVIDUAL PANEL SIZE DOES NOT EXCEED MAXIMUM PANEL WIDTH & HEIGHT AND MAX FRAME AREA DOES NOT EXCEED TESTED FRAME AREA = 240.23FT² AND USE VERTICAL CONDITIONS AS SHOWN.

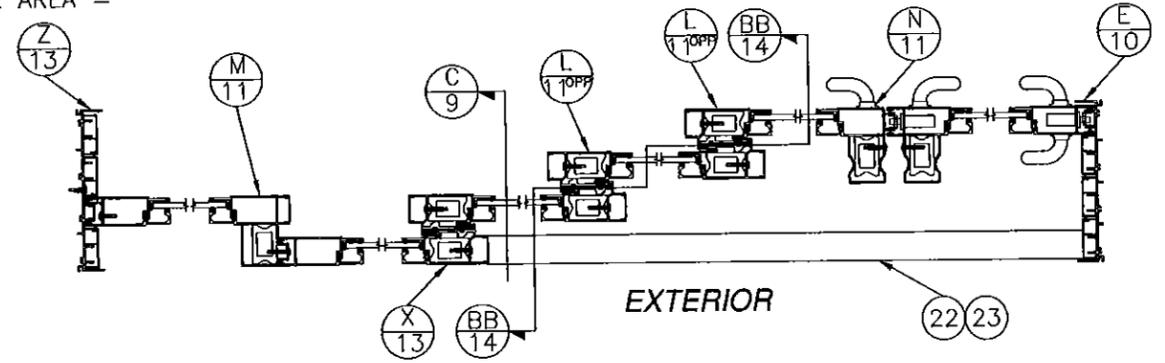
6" TO WEEP
 WEEP SLOT 1" x .1875"
 TYP. LOCATED AT ALL VERTICAL CENTER LINES



7000 SERIES NON-IMPACT NON-REINFORCED SGD
 4 TRACK LAYOUT

NON-REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING
±45.0PSF	NONE

WITH SILL ITEMS 3, 8 & 13
 FOR ADDITIONAL SIZES SEE CHARTS 1, 2 & 3, SHEET 5



7000 SERIES NON-IMPACT REINFORCED SGD
 4 TRACK LAYOUT

REINFORCED		REINFORCED	
DESIGN PRESSURE RATING	IMPACT RATING	DESIGN PRESSURE RATING	IMPACT RATING
±60.0PSF	NONE	±60.0PSF	NONE

WITH SILL ITEMS 3, 8 & 13
 FOR ADDITIONAL SIZES SEE CHARTS 4, 5 & 6, SHEET 5

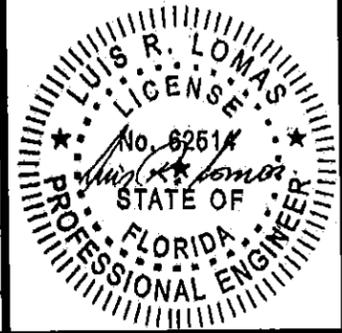
WITH SILL ITEMS 4, 9 & 14
 FOR ADDITIONAL SIZES SEE CHARTS 7, 8 & 9, SHEET 6

SIGNED: 02/05/2016

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7000 SERIES NON-IMPACT REINFORCED
 & NON-REINFORCED (5'0 x 8'2 PANEL)
 ELEVATION AND HORIZONTAL CROSS SECTIONS

DRAWN: TJH	DWG NO. 08-00635	REV E
SCALE NTS	DATE 11/11/08	SHEET 4 OF 20



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.

Chart #1 - Design pressure capacity (psf)

7000 Series Non-Impact Non-reinforced SGD - 5'0 x 8'2 panels with 2 1/2" high sill riser with items 3, 8 & 13
Units installed in masonry/concrete

Frame 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
82.0	60.0	67.5	60.0	67.5	60.0	67.5	60.0	67.5	60.0	65.9	60.0	61.8	58.8	58.8
84.0	60.0	67.5	60.0	67.5	60.0	67.5	60.0	67.5	60.0	63.8	59.6	59.6	56.7	56.7
96.0	60.0	67.5	60.0	67.5	60.0	65.4	58.3	58.3	53.1	53.1	49.3	49.3	46.4	46.4
98.0	60.0	67.5	60.0	67.5	60.0	63.8	56.8	56.8	51.7	51.7	47.9	47.9	45.0	45.0

Chart #2 - Design pressure capacity (psf)

7000 Series Non-Impact Non-Reinforced SGD - 5'0 x 8'2 panels with 2 1/2" high sill riser with Items 3, 8 & 13
Units installed into wood framing

Frame 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
82.0	60.0	67.5	60.0	67.5	53.3	53.3	54.0	54.0	49.7	49.7	46.5	46.5	38.4	38.4
84.0	60.0	67.5	60.0	66.8	53.3	53.3	52.2	52.2	48.0	48.0	44.9	44.9	38.4	38.4
96.0	60.0	67.5	56.9	56.9	49.2	49.2	39.2	39.2	40.0	40.0	37.1	37.1	34.9	34.9
98.0	60.0	67.0	55.5	55.5	48.0	48.0	39.2	39.2	38.9	38.9	36.1	36.1	33.9	33.9

Chart #4 - Design pressure capacity (psf)

7000 Series Non-Impact Reinforced SGD - 5'0 x 8'2 panels with 2 1/2" high sill riser with Items 3, 8 & 13
Units installed into masonry/concrete

Frame 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
82.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	87.9	60.0	82.4	60.0	78.5
84.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	90.0	60.0	85.0	60.0	79.5	60.0	75.6
96.0	60.0	90.0	60.0	90.0	60.0	87.2	60.0	77.7	60.0	70.8	60.0	65.7	60.0	61.8
98.0	60.0	90.0	60.0	90.0	60.0	85.0	60.0	75.7	60.0	68.9	60.0	63.8	60.0	60.0

Chart #5 - Design pressure capacity (psf)

7000 Series Non-Impact Reinforced SGD - 5'0 x 8'2 panels with 2 1/2" high sill riser with items 3, 8 & 13
Units installed into wood framing

Frame 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
82.0	60.0	82.3	60.0	68.8	60.0	60.0	60.0	78.4	60.0	60.0	60.0	69.8	57.6	57.6
84.0	60.0	80.0	60.0	66.8	58.2	58.2	60.0	78.4	60.0	60.0	60.0	67.4	57.6	57.6
96.0	60.0	68.6	56.9	56.9	60.0	73.8	60.0	65.8	60.0	60.0	47.4	47.4	52.4	52.4
98.0	60.0	67.0	60.0	76.8	53.3	53.3	60.0	64.1	58.4	58.4	47.4	47.4	38.4	38.4

Chart #3

7000 Series Non-Impact Non-reinforced SGD - 5'0 x 8'2 panels with 2 1/2" high sill riser with items 3, 8 & 13
Number of anchor locations required for wood framing and masonry/concrete installation
(2) Anchors per location

Frame Height (in)	Single Panel Width (in)																				
	24.0			30.0			36.0			42.0			48.0			54.0			60.0		
	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster
82.0	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	4	2	7	4
84.0	1	7	4	1	7	4	1	7	4	2	7	4	2	7	4	2	7	4	2	7	4
96.0	1	8	4	1	8	4	1	8	4	1	8	4	2	8	4	2	8	4	2	8	4
98.0	1	8	4	1	8	4	1	8	4	1	8	4	2	8	4	2	8	4	2	8	4

Chart #6

7000 Series Non-Impact Reinforced SGD - 5'0 x 8'2 panels with 2 1/2" high sill riser with items 3, 8 & 13
Number of anchor locations required for wood framing and masonry/concrete installation
(2) Anchors per location

Frame Height (in)	Single Panel Width (in)																				
	24.0			30.0			36.0			42.0			48.0			54.0			60.0		
	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster
82.0	1	7	4	1	7	4	2	7	4	2	7	6	2	7	6	3	7	6	3	7	6
84.0	1	7	4	1	7	4	2	7	4	2	7	6	2	7	6	3	7	6	3	7	6
96.0	1	8	4	1	8	4	2	8	6	2	8	6	2	8	6	3	8	6	3	8	6
98.0	1	8	4	1	8	6	1	8	6	2	8	6	2	8	6	2	8	6	2	8	6

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Expiration Date 6/2/20
[Signature]
Product Control

S = SILL
H = HEAD
IL = INTERLOCK
MS = MEETING STILE

NOTE:

(2) ANCHORS PER LOCATION IS REQUIRED. TOTAL NUMBER OF ANCHORS MUST BE TWICE THE NUMBER OF ANCHORS SHOWN IN CHARTS. EXCEPT FOR POCKET JAMB ANCHORS.

EXAMPLE:

ANCHORS FOR A UNIT WITH 24" WIDE PANELS AND 98" FRAME HEIGHT (SEE CHARTS #3 AND #10 FOR POCKET JAMB).

- HEAD ANCHORS LOCATIONS: 1
 - JAMB ANCHORS LOCATIONS: 8
 - SILL ANCHORS LOCATIONS: 1
 - IL/MS CLUSTER ANCHORS LOCATIONS: 4
 - POCKET ANCHORS LOCATION: 9
- TOTAL HEAD ANCHORS: 2
TOTAL JAMB ANCHORS: 16
TOTAL SILL ANCHORS: 2
TOTAL IL/MS CLUSTER ANCHORS: 8
TOTAL POCKET ANCHORS: 9

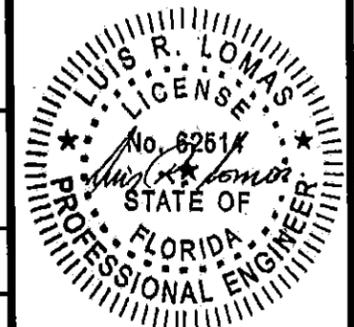
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7000 SERIES NON-IMPACT REINFORCED
& NON-REINFORCED (5'0 x 8'2 PANEL)
CHARTS

DRAWN: TJH
DWG NO. 08-00635
SCALE NTS
DATE 11/11/08
SHEET 5 OF 20



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.

Chart #7 - Design pressure capacity (psf)

7000 Series Non-Impact Reinforced SGD - 5'0 x 8'2 panels with 3 1/8" high sill riser with Items 4, 9 & 14
Units installed into masonry/concrete

Frame 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
82.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	87.9	75.0	82.4	75.0	78.5
84.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	90.0	75.0	85.0	75.0	79.5	75.0	75.6
96.0	75.0	90.0	75.0	90.0	75.0	87.2	75.0	77.7	70.8	70.8	65.7	65.7	61.8	61.8
98.0	75.0	90.0	75.0	90.0	75.0	85.0	75.0	75.7	68.9	68.9	63.8	63.8	60.0	60.0

Chart #8 - Design pressure capacity (psf)

7000 Series Non-Impact Reinforced SGD - 5'0 x 8'2 panels with 3 1/8" high sill riser with Items 4, 9 & 14
Units installed into wood framing

Frame 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
82.0	75.0	82.3	68.8	68.8	60.0	60.0	75.0	78.4	60.0	60.0	69.8	69.8	57.6	57.6
84.0	75.0	80.0	66.8	66.8	58.2	58.2	75.0	78.4	60.0	60.0	67.4	67.4	57.6	57.6
96.0	68.6	68.6	56.9	56.9	73.8	73.8	65.8	65.8	60.0	60.0	47.4	47.4	52.4	52.4
98.0	67.0	67.0	75.0	76.8	53.3	53.3	64.1	64.1	58.4	58.4	47.4	47.4	38.4	38.4

Chart #9

7000 Series Non-Impact Reinforced SGD - 5'0 x 8'2 panels with 3 1/8" high sill riser with Items 4, 9 & 14
Number of anchor locations required for wood framing and masonry/concrete installation
(2) Anchors per location

Frame Height (in)	Single Panel Width (in)																				
	24.0			30.0			36.0			42.0			48.0			54.0			60.0		
	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster	H&S	Jamb	IL/MS Cluster
82.0	1	7	4	1	7	4	2	7	4	2	7	6	2	7	6	3	7	6	3	7	6
84.0	1	7	4	1	7	4	2	7	4	2	7	6	2	7	6	3	7	6	3	7	6
96.0	1	8	4	1	8	4	2	8	6	2	8	6	2	8	6	2	8	6	3	8	6
98.0	1	8	4	1	8	6	1	8	6	2	8	6	2	8	6	2	8	6	2	8	6

Chart #10

Pocket Jamb Anchor Locations
Number of anchor locations required for wood framing and masonry/concrete installation
(1) Anchor per location

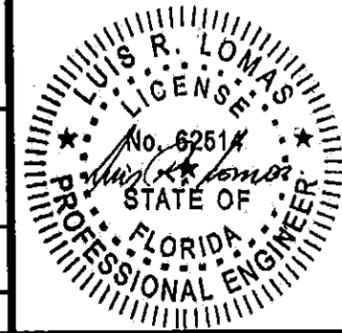
Frame Height (in)	Single Panel Width (in)						
	24.0	30.0	36.0	42.0	48.0	54.0	60.0
82.0	8	8	8	8	8	8	8
84.0	8	8	8	8	8	8	8
96.0	9	9	9	9	9	9	9
98.0	9	9	9	9	9	9	9

FOR NOMENCLATURE AND ANCHOR
EXAMPLE SEE SHEET 5

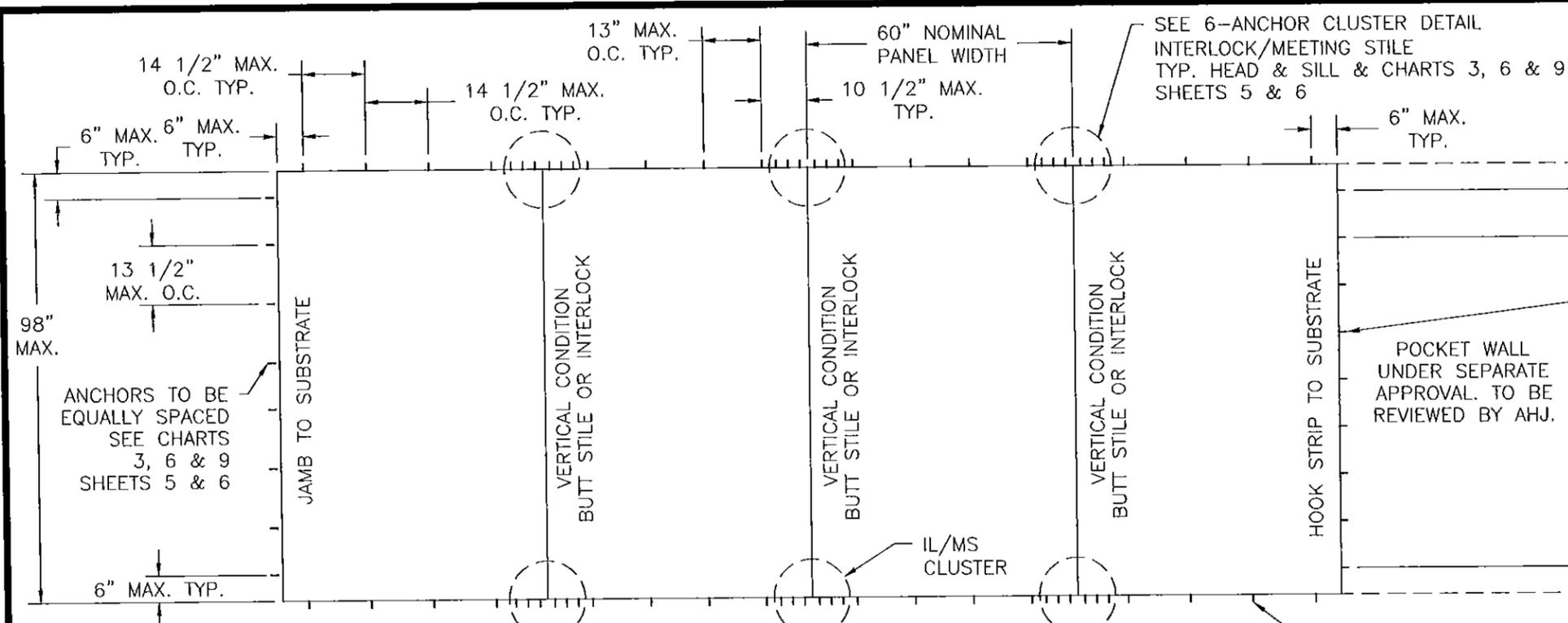
PRODUCT REVISED
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Building Code
Acceptance No. 15-0604-08
Expiration Date 6/2/20
Luis R. Lomas
Manufacturer Product Control

SIGNED: 02/05/2016

		7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
7000 SERIES NON-IMPACT REINFORCED & NON-REINFORCED (5'0 x 8'2 PANEL) CHARTS			
DRAWN:	DWG NO.	REV	
TJH	08-00635	E	
SCALE NTS	DATE 11/11/08	SHEET 6 OF 20	



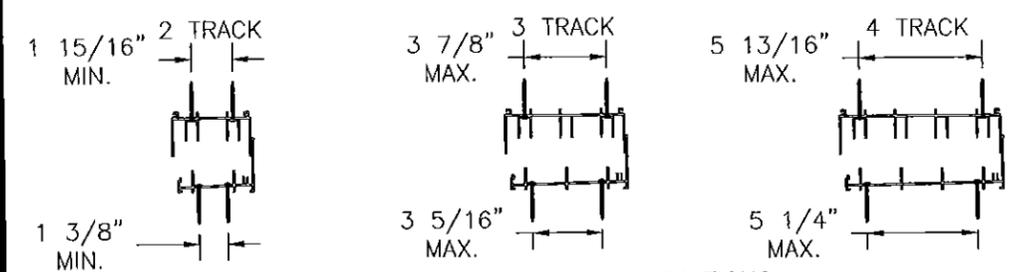
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



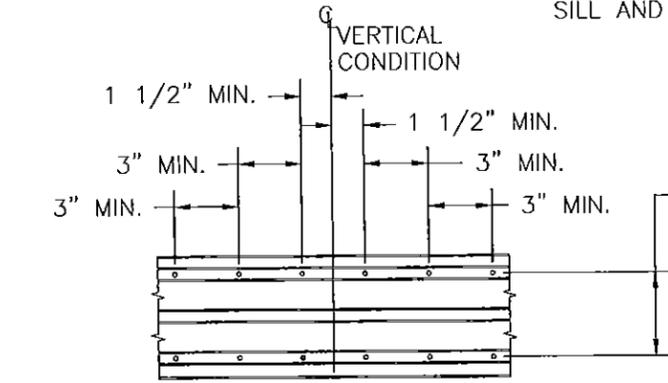
ANCHORING LAYOUT NON-REINFORCED AND REINFORCED UNITS
 INSTALLATION 4-PANEL UNIT SHOWN, APPLICABLE TO ALL CONFIGURATIONS USING SAME ANCHOR CLUSTER AND PATTERN

TWO (2) INSTALLATION ANCHORS PER LOCATION (EXCEPT HOOK STRIP) SEE NOTES 1, 3, 4, 7 & 8 SHEET 1, TYP. HEAD SILL AND JAMBS

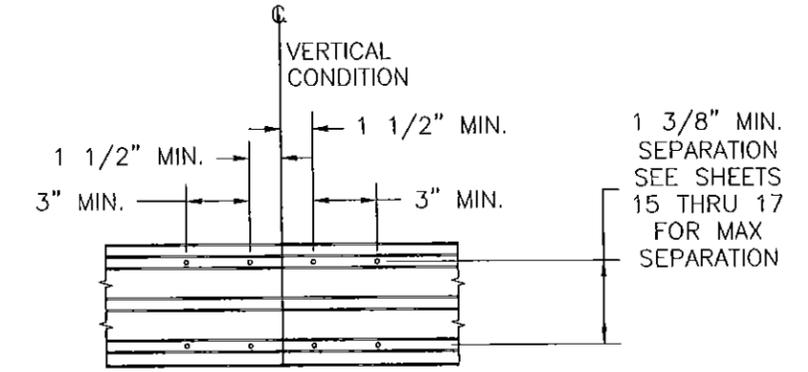
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 Acceptance No. 15-0604-08
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L. R. Lomas
 Miami Dade Product Control



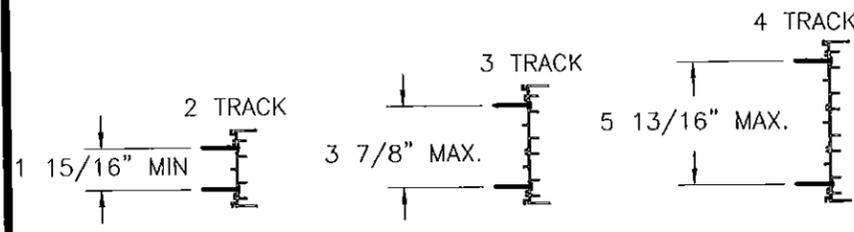
HEAD & SILL ANCHORAGE LOCATIONS
 NON-REINFORCED AND REINFORCED AT HEAD AND SILL. (FOR FURTHER DETAILS SEE SHEETS 15, 16 AND 17)



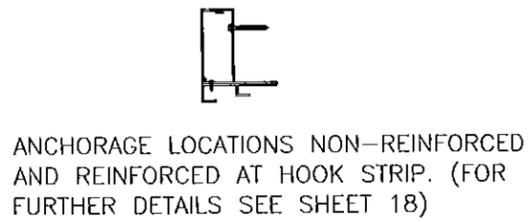
6-ANCHOR CLUSTER DETAIL
 (12 ANCHORS TOTAL) AT INTERLOCK/MEETING STILE TYP. 2 TRACK, 3 TRACK AND 4 TRACK NON-REINFORCED AND REINFORCED AT HEAD & SILL



4-ANCHOR CLUSTER DETAIL
 (8 ANCHORS TOTAL) AT INTERLOCK/MEETING STILE TYP. 2 TRACK, 3 TRACK AND 4 TRACK NON-REINFORCED AND REINFORCED AT HEAD & SILL



JAMBS ANCHORAGE LOCATIONS NON-REINFORCED AND REINFORCED AT JAMBS. (FOR FURTHER DETAILS SEE SHEETS 15, 16 AND 17)

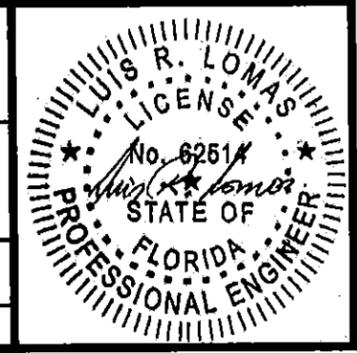


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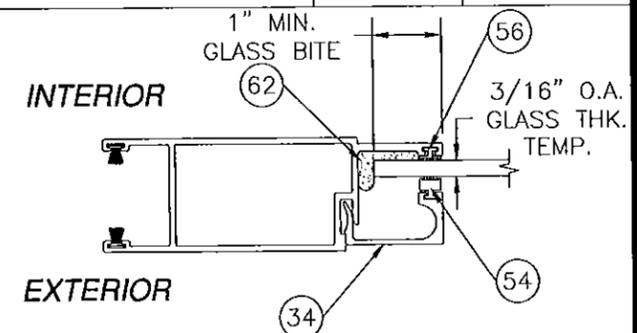
7000 SERIES NON-IMPACT REINFORCED & NON-REINFORCED (5'0 x 8'2 PANEL) ANCHORING LAYOUT

DRAWN: TJH	DWG NO. 08-00635	REV E
SCALE NTS	DATE 11/11/08	SHEET 7 OF 20

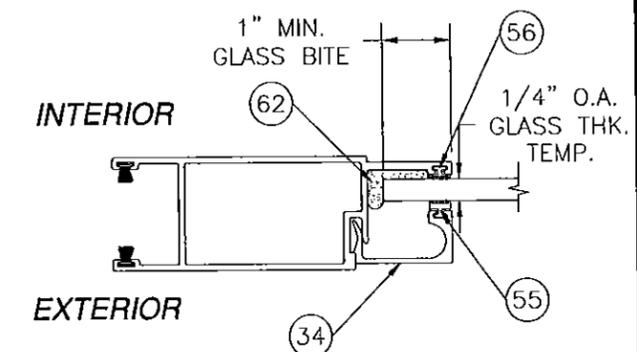


PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	FS-04522	2 TRACK FRAME HEAD	KEYMARK	ALUMINUM 6063-T6
2	FS-04531	2 TRACK FRAME JAMB	KEYMARK	ALUMINUM 6063-T6
3	FS-04525	2 TRACK SILL PAN W/2 1/2" RISER	KEYMARK	ALUMINUM 6063-T6
4	FS-04526	2 TRACK SILL PAN W/3 1/8" RISER	KEYMARK	ALUMINUM 6063-T6
5	FS-04529	2 TRACK FRAME SILL PAN INSERT	KEYMARK	ALUMINUM 6063-T6
6	FS-04511	3 TRACK FRAME HEAD	KEYMARK	ALUMINUM 6063-T6
7	FS-04510	3 TRACK FRAME JAMB	KEYMARK	ALUMINUM 6063-T6
8	FS-04506	3 TRACK SILL PAN W/2 1/2" RISER	KEYMARK	ALUMINUM 6063-T6
9	FS-04507	3 TRACK SILL PAN W/3 1/8" RISER	KEYMARK	ALUMINUM 6063-T6
10	FS-04508	3 TRACK FRAME SILL PAN INSERT	KEYMARK	ALUMINUM 6063-T6
11	FS-04523	4 TRACK FRAME HEAD	KEYMARK	ALUMINUM 6063-T6
12	FS-04532	4 TRACK FRAME JAMB	KEYMARK	ALUMINUM 6063-T6
13	FS-04527	4 TRACK SILL PAN W/2 1/2" RISER	KEYMARK	ALUMINUM 6063-T6
14	FS-04528	4 TRACK SILL PAN W/3 1/8" RISER	KEYMARK	ALUMINUM 6063-T6
15	FS-04530	4 TRACK FRAME SILL PAN INSERT	KEYMARK	ALUMINUM 6063-T6
16	FS-04313	FRAME HEAD TRACK COVER	KEYMARK	ALUMINUM 6063-T6
17	FS-04501	RECESSED JAMB TRACK COVER	KEYMARK	ALUMINUM 6063-T6
18	FS-04509	FLUSH JAMB COVER	KEYMARK	ALUMINUM 6063-T6
19	FS-03684	HOOK STRIP BASE	KEYMARK	ALUMINUM 6063-T6
20	FS-04476	HOOK STRIP WALL COVER	KEYMARK	ALUMINUM 6063-T6
21	FS-04477	HOOK STRIP WALL MOUNT	KEYMARK	ALUMINUM 6063-T6
22	FS-04535	PANEL STOP SILL COVER	KEYMARK	ALUMINUM 6063-T6
23	FS-04332	PANEL STOP HEAD COVER	KEYMARK	ALUMINUM 6063-T6
24	FS-04631	TOP AND BOTTOM RAIL	KEYMARK	ALUMINUM 6063-T6
25	FS-04327	PANEL LOCK/PLAIN STILE	KEYMARK	ALUMINUM 6063-T6
26	FS-04516	PANEL INTERLOCK STILE LEFT	KEYMARK	ALUMINUM 6063-T6
27	FS-04515	PANEL INTERLOCK STILE RIGHT	KEYMARK	ALUMINUM 6063-T6
28	FS-04789	MALE BUTT STILE	KEYMARK	ALUMINUM 6063-T6
29	FS-04790	LOCKING BUTT STILE	KEYMARK	ALUMINUM 6063-T6
30	FS-04505	INTERIOR FIXED BUTT STILE	KEYMARK	ALUMINUM 6063-T6
31	FS-04504	EXTERIOR FIXED BUTT STILE	KEYMARK	ALUMINUM 6063-T6
32	FS-04503	INTERLOCK REINF. BAR, FULL LENGTH	KEYMARK	ALUMINUM 6005-T5
33	FS-04312	BUTT STILE/INTERLOCK COVER	KEYMARK	ALUMINUM 6063-T6
34	FS-04534	1/4" AND 3/16" GLASS STOP	KEYMARK	ALUMINUM 6063-T6
35	FS-04524	3/4" GLASS STOP	KEYMARK	ALUMINUM 6063-T6
36	5000 SS PDR	TANDEM ROLLER SS		
37	2186MI-INT	TRADITIONAL INTERNAL HANDLE		
38	2186MI-DM	TRADITIONAL EXTERIOR HANDLE		
39	7014 SS DLPA	DUAL POINT MORTISE LOCK SET		
40	OW11023BOR750375	RUBBER PANEL BUMPER		
41	V-INT TP 876	INTERLOCK BUMPER		
42		#8 x 1 1/4" SQ. DRIVE SCREW		18-8 STAINLESS
43	PJS-7623-09-SN	SCREEN ROLLER	SULLIVAN	
44		GLAZING, SEE SHT. 8 FOR DETAILS		
45		#8 x 1/4" PH TYPE F SCREW		STAINLESS STEEL
46		#8 x 3/4" PH TEK SCREW		410 STAINLESS
47		#10 x 1 1/4" SQ. DRIVE SCREW		18-8 STAINLESS
48		#8 x 1" PH TYP F SCREW		STAINLESS STEEL
49		#10 x 1" PH TEK SCREW		ALUMINUM 6063-T6
50		#10 CUT THREAD WOOD SCREW		
51		3/16" ITW TAPCON	ITW BUILDEX	CARBON STAINLESS
52	FH-02300	WS SCREEN BOTTOM RAIL	KEYMARK	ALUMINUM 6063-T6
53	FH-02300	WS SCREEN TOP RAIL	KEYMARK	ALUMINUM 6063-T6
54	GS-VN-07A	3/16" GLASS STOP VINYL		VINYL
55	GS-VN-06A	1/4" GLASS STOP VINYL		VINYL
56	GS-VN-05A	3/4" GLASS STOP VINYL & FIXED		VINYL
57	FH-02395	WS SCREEN STILE	KEYMARK	ALUMINUM 6063-T6
58	W332217K0000	.220" FIN WEATHERSTRIP		
59	W234017K0000	.400" FIN WEATHERSTRIP		
60	W333517K0000	.350" FIN WEATHERSTRIP		
61		GLASS SETTING BLOCK		
62	SIKAFAST 552	GLAZING COMPOUND	SIKA CORP.	POLYURETHANE
63		SILICONE CAULK	PECORA	SILICONE
64		WEEP COVER/GATE		
65		#8 x 3/8" PH TYPE F SCREW		STAINLESS STEEL
66		#8 x 3/4" PH TEK SCREW		STAINLESS STEEL
67	FS-02209	WS SCREEN SWEEP	KEYMARK	ALUMINUM 6063-T6
68	SGD200	SCREEN HANDLE & LOCK	SULLIVAN	
69		FIBERGLASS SCREEN MESH		FIBERGLASS
70		SCREEN SPLINE		
71		ALUMINUM 3/8" NOMINAL SPACER	HELIMA	ALUMINUM
72	FS-04791	FIXED PANEL Z-CLIP	KEYMARK	ALUMINUM 6063-T6
73		#10 x 3/4" PPH TEK SCREW		STAINLESS STEEL

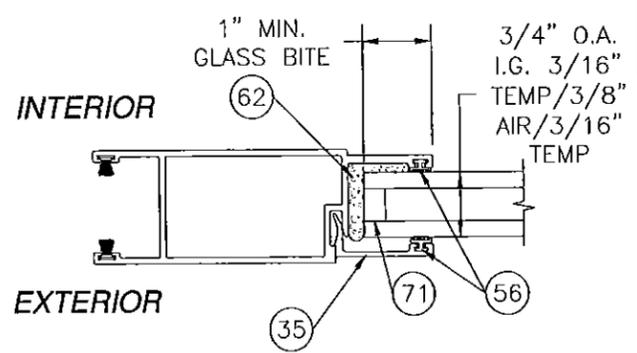
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



GLAZING TYPE A
3/16" TEMPERED



GLAZING TYPE B
1/4" TEMPERED



GLAZING TYPE C
3/4" I.G. TEMPERED

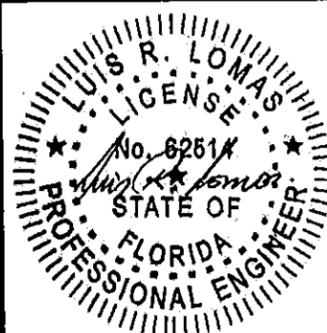
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Acceptance No. 15-0604.08
Expiration Date 6/2/20
Luis R. Lomas
Professional Engineer

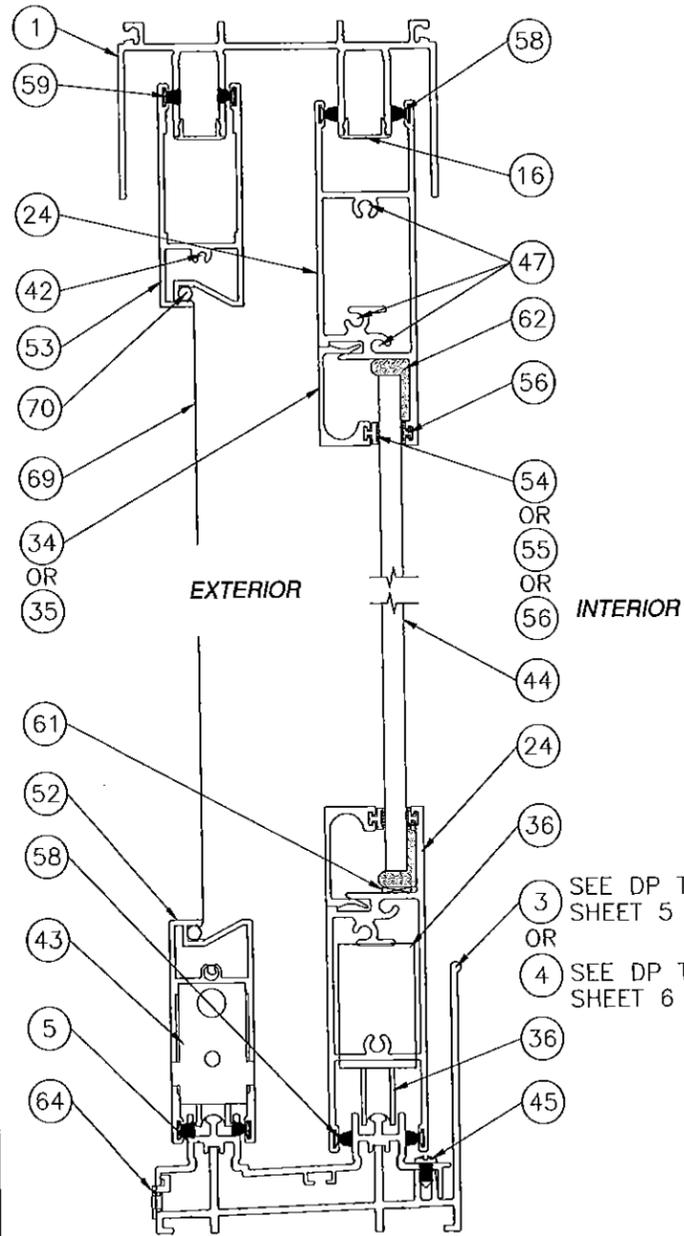
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7000 SERIES NON-IMPACT REINFORCED
& NON-REINFORCED (5'0" x 8'2" PANEL)
BILL OF MATERIALS AND GLAZING DETAILS

DRAWN: TJH	DWG NO. 08-00635	REV E
SCALE NTS	DATE 11/11/08	SHEET 8 OF 20



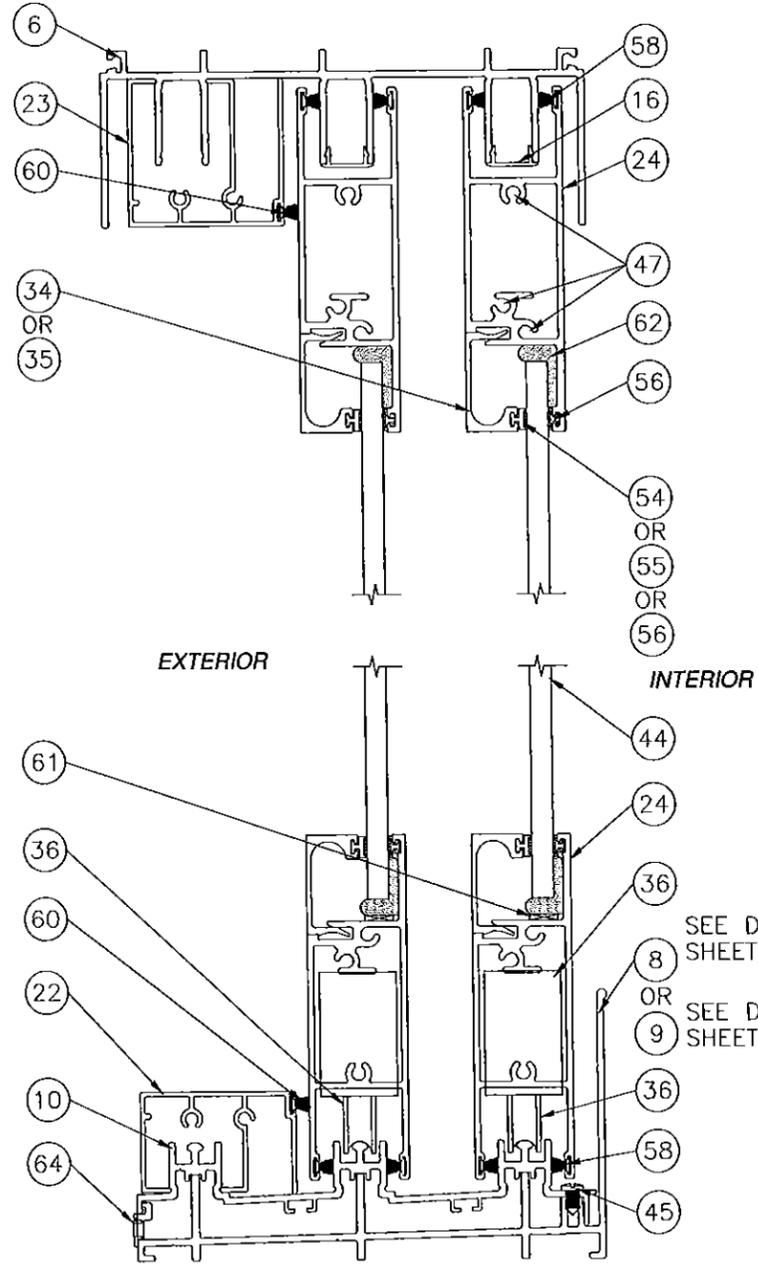
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



VERTICAL CROSS SECTION A
2 TRACK FRAME SYSTEM

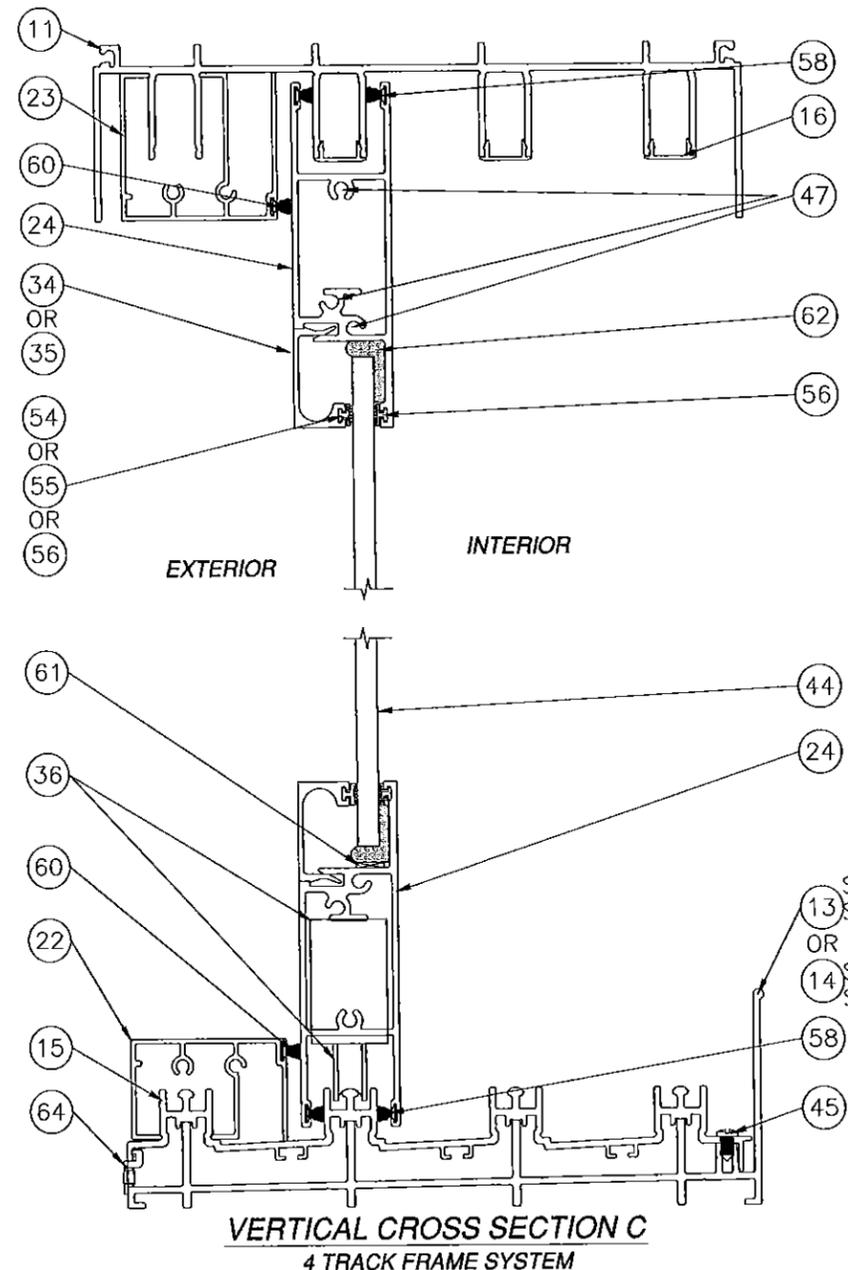
SCREEN NOTE:
THE WS SCREEN IS SHOWN ON THE 2 TRACK UNIT AS APPLICABLE AT EXTERIOR TRACKS. IT IS QUALIFIED TO BE INSTALLED ON THE 3 TRACK AND 4 TRACK UNIT ALSO.

NOTE:
SEE SHEETS 15, 16 AND 17 FOR TYPICAL ANCHORAGE TO VARIOUS SUBSTRATE MATERIALS. A SPECIFIC SUBSTRATE IS INDICATED ON EACH HEAD AND TRACK SYSTEM. OTHER HEAD AND TRACK SYSTEMS ARE SIMILAR.



VERTICAL CROSS SECTION B
3 TRACK FRAME SYSTEM

NOTE:
VERTICAL SECTIONS ILLUSTRATED WITHOUT SUBSTRATE.



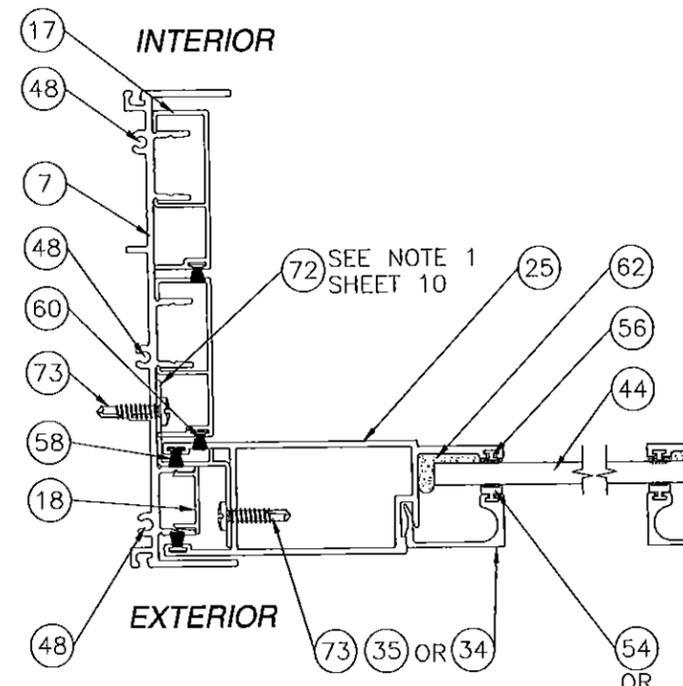
VERTICAL CROSS SECTION C
4 TRACK FRAME SYSTEM

SIGNED: 02/05/2016

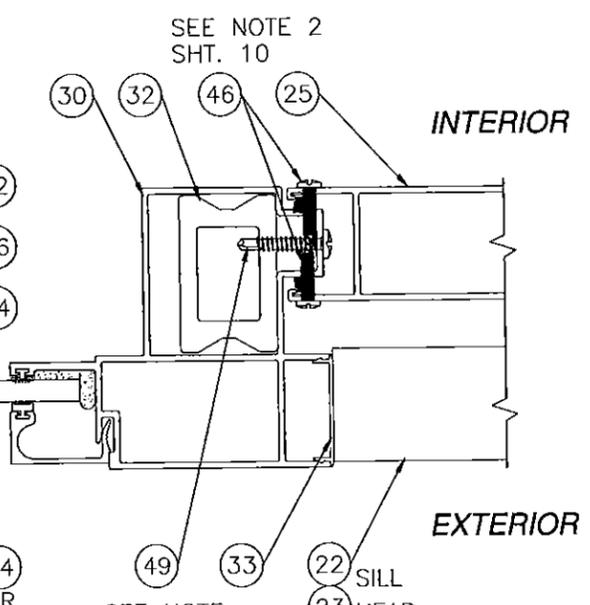
PRODUCT REVISED in compliance with the Florida Building Code Acceptance No. 15-0604.08 Expiration Date: 6/2/20 <i>Luis R. Lomas</i> Product Control	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com		
	7000 SERIES NON-IMPACT REINFORCED & NON-REINFORCED (5'0 x 8'2 PANEL) VERTICAL CROSS SECTIONS		
DRAWN: TJH	DWG NO. 08-00635	REV E	SCALE NTS DATE 11/11/08 SHEET 9 OF 20

REVISIONS

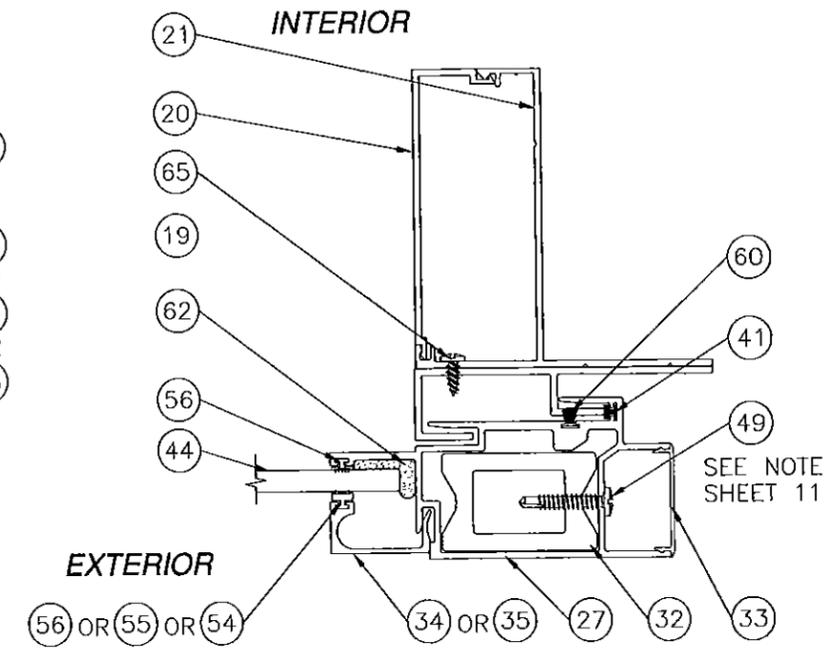
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



HORIZONTAL CROSS SECTION D
PLAIN STILE AT 3 TRACK JAMB



HORIZONTAL CROSS SECTION F
LOCK STILE AT 2 TRACK JAMB



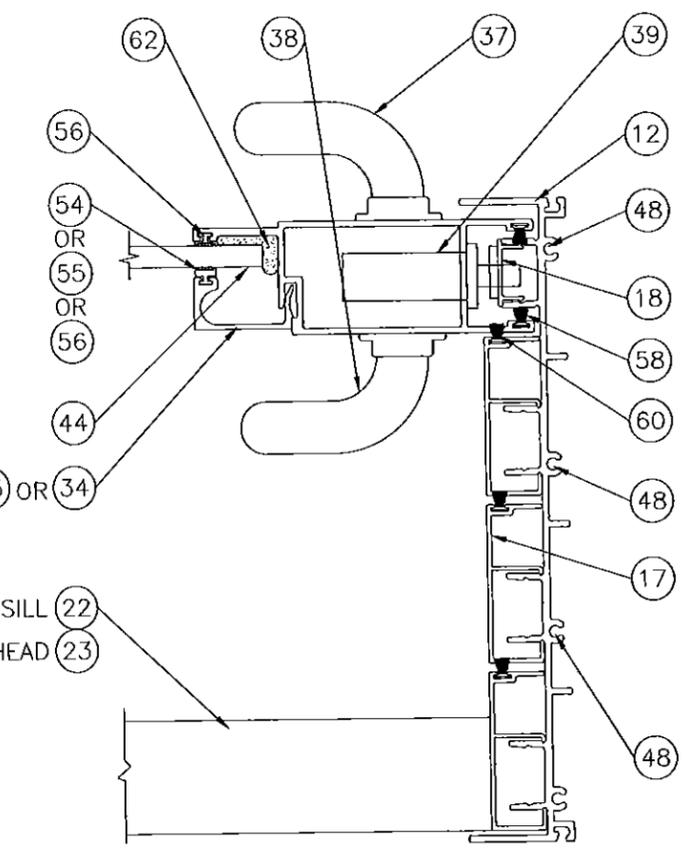
HORIZONTAL CROSS SECTION H
REINFORCED INTERLOCK STILE AT HOOK STRIP

FIXED PANEL NOTES:

1. FIXED PANEL TO JAMB CONDITION:
FIXED PANEL IS SECURED TO JAMB USING (2) Z-CLIPS, ITEM #72, Z-CLIPS ARE LOCATED 24" FROM TOP OF PANEL DOWN AND 24" FROM BOTTOM OF PANEL UP. EACH Z-CLIP IS ATTACHED TO PANEL AND JAMB WITH (3) #10 x 3/4" PPH TEK SCREWS, ITEM #73. REFER TO SHEET 10 SECTION D AND PANEL STOPS, SILL COVER (ITEM #22) & HEAD COVER (ITEM #23) AND SHEET 13 SECTION Z.

2. FIXED PANEL TO FIXED PANEL CONDITION:
FIXED PANELS ARE SECURED TOGETHER USING #8 x 3/4" PH TEK SCREW, ITEM #46, SCREWS ARE INSTALLED ON PANELS INTERIOR AND EXTERIOR AND ARE LOCATED 4" FROM TOP AND BOTTOM AND IN THE CENTER. REFER TO SHEET 10 SECTION D AND PANEL STOPS, SILL COVER (ITEM #22) & HEAD COVER (ITEM #23), SHEET 11 SECTION O, SHEET 12 SECTION U, SHEET 13 SECTION CC AND DD.

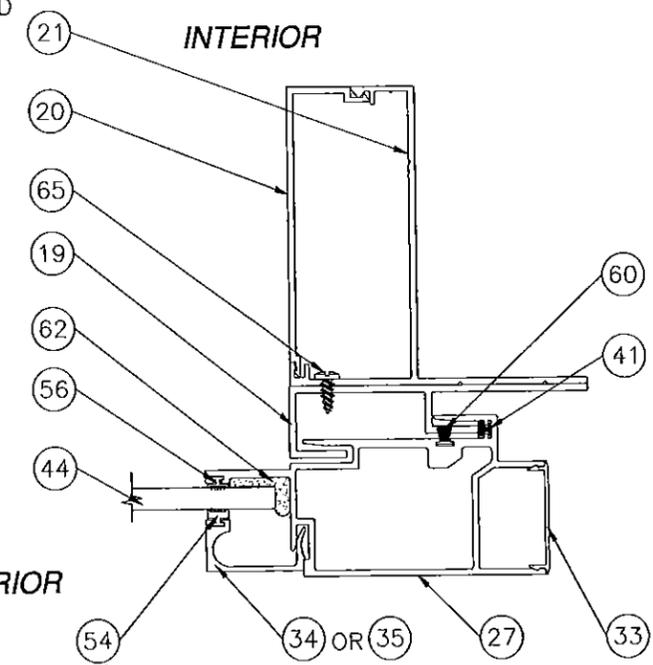
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HORIZONTAL CROSS SECTION E
LOCK STILE AT 4 TRACK JAMB

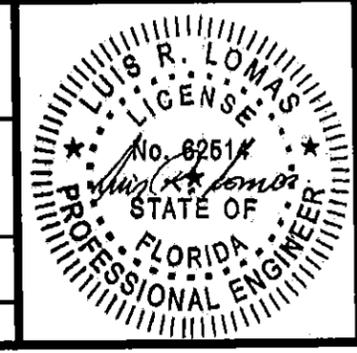
**NON-REINFORCED/
REINFORCED UNITS
OPERABLE JAMB CONDITION**

NOTE:
SEE SHEETS 15 THRU 17 FOR TYPICAL ANCHORAGE TO VARIOUS SUBSTRATE MATERIALS. A SPECIFIC SUBSTRATE IS INDICATED ON EACH TRACK SYSTEM. OTHER TRACK SYSTEMS ARE SIMILAR.



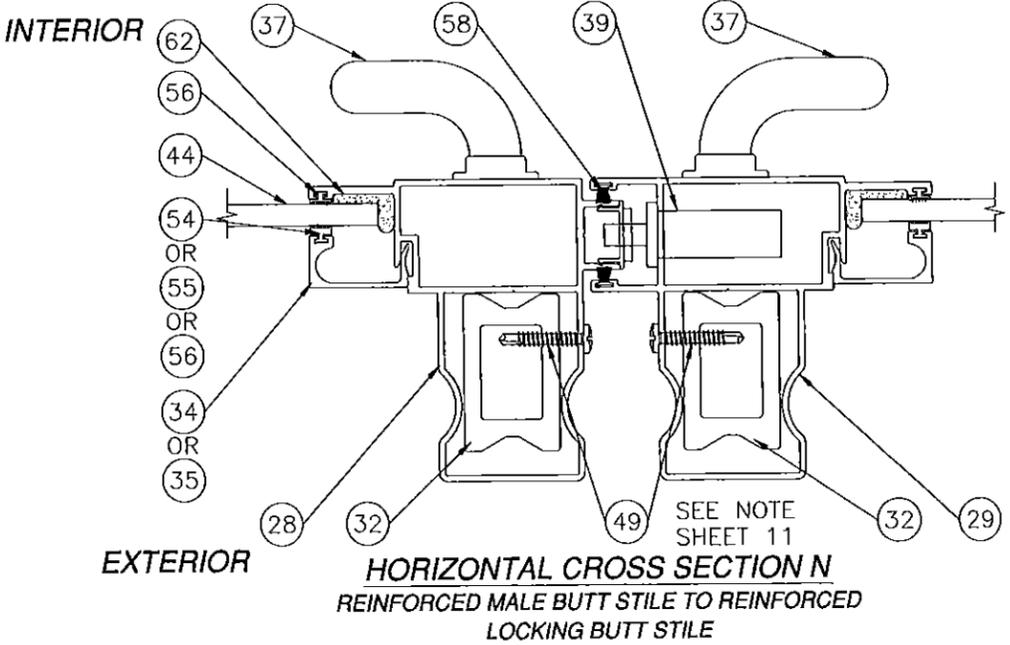
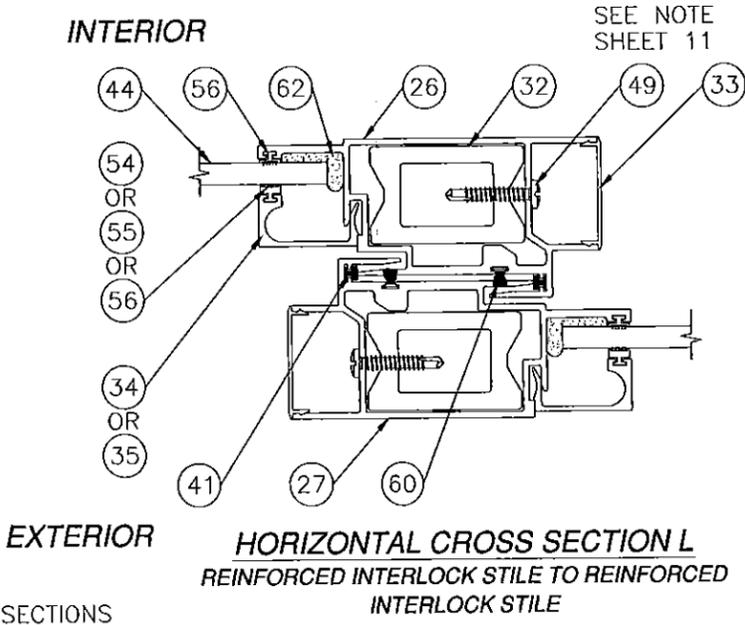
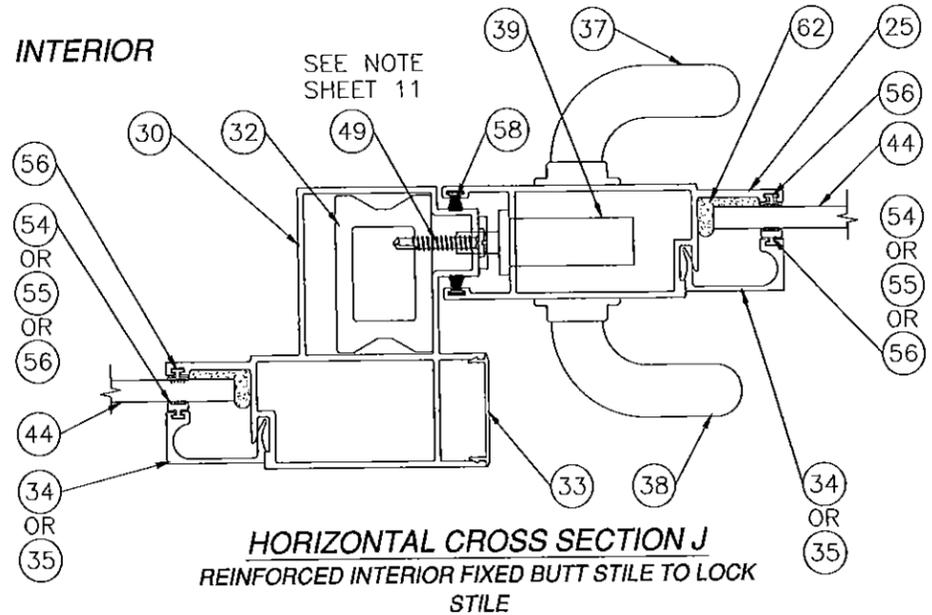
HORIZONTAL CROSS SECTION G
NON-REINFORCED INTERLOCK STILE AT HOOK STRIP

<p>WinDoor INCORPORATED</p> <p>7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com</p>	<p>7000 SERIES NON-IMPACT REINFORCED & NON-REINFORCED (5'0" x 8'2" PANEL) HORIZONTAL CROSS SCCTIONS</p>	
	<p>7000 SERIES NON-IMPACT REINFORCED & NON-REINFORCED (5'0" x 8'2" PANEL) HORIZONTAL CROSS SCCTIONS</p>	<p>7000 SERIES NON-IMPACT REINFORCED & NON-REINFORCED (5'0" x 8'2" PANEL) HORIZONTAL CROSS SCCTIONS</p>
<p>DRAWN: TJH</p>	<p>DWG NO. 08-00635</p>	<p>REV E</p>
<p>SCALE NTS</p>	<p>DATE 11/11/08</p>	<p>SHEET 10 OF 20</p>



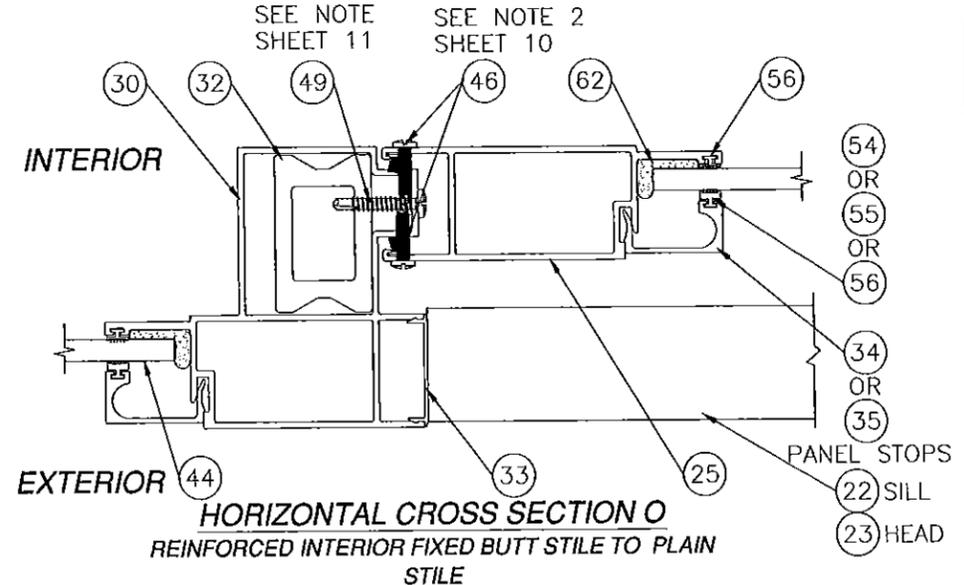
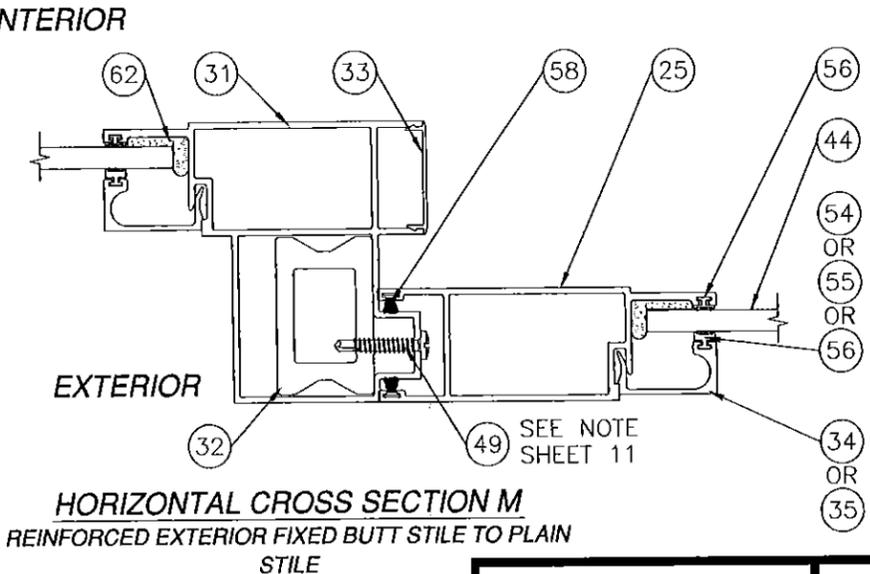
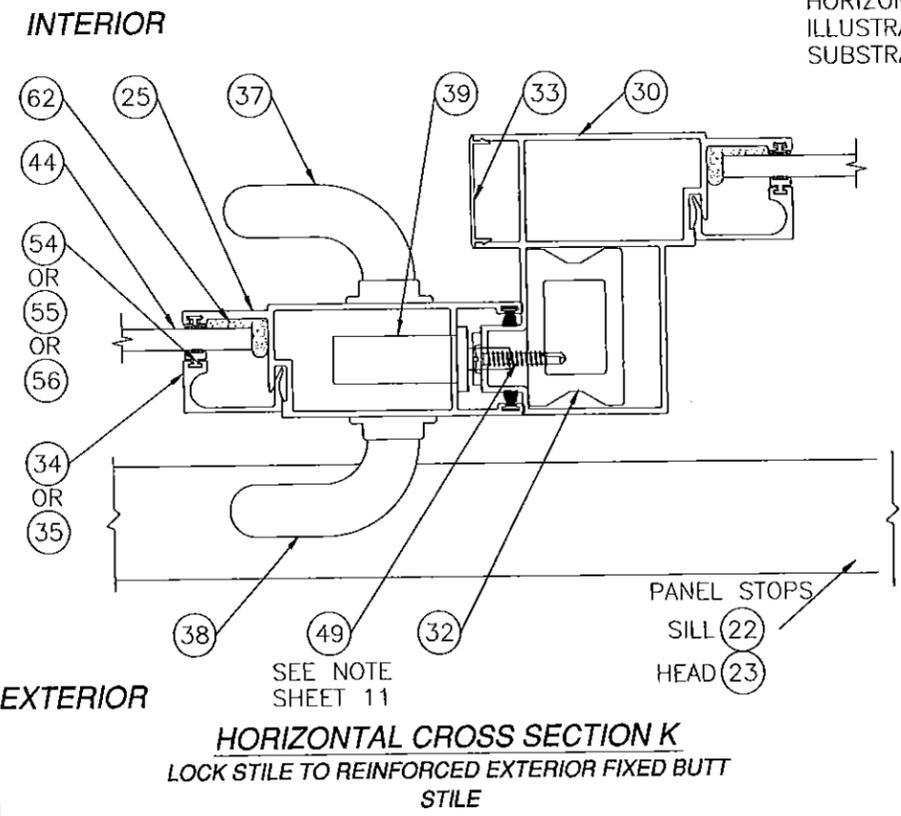
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0604-08
Expiration Date 6/2/20
Luis R. Lomas
Professional Engineer

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



NOTE:
HORIZONTAL SECTIONS
ILLUSTRATED WITHOUT
SUBSTRATE.

REINFORCED UNITS



SIGNED: 02/05/2016

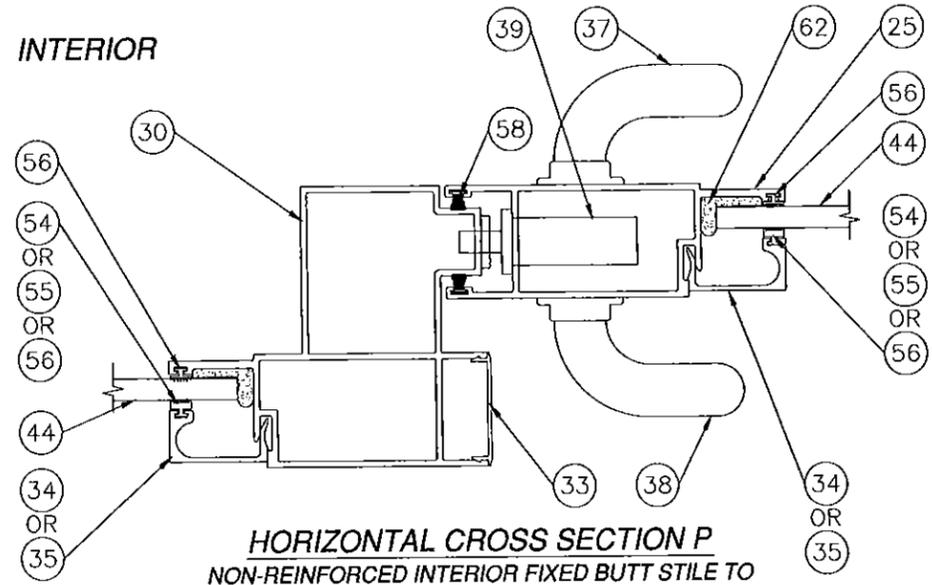
REINFORCING BAR NOTE:
ITEM #32, INTERLOCK REINFORCING BAR, IS SECURED TO THE INTERLOCK LEFT #26, INTERLOCK RIGHT #27, MALE BUTT STILE #28, LOCKING BUTT STILE #29 INTERIOR FIXED BUTT STILE #30 AND EXTERIOR FIXED BUTT STILE #31 WITH ITEM #49, #10 x 1" TEK SCREW SPACED 6" FROM TOP AND BOTTOM AND ONE IN THE CENTER.

WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	7000 SERIES NON-IMPACT REINFORCED & NON-REINFORCED (5'0 x 8'2 PANEL) HORIZONTAL CROSS SCCTIONS	
	DRAWN: TJH	DWG NO. 08-00635
SCALE NTS	DATE 11/11/08	SHEET 11 OF 20

LUIS R. LOMAS
LICENSED
No. 62514
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.

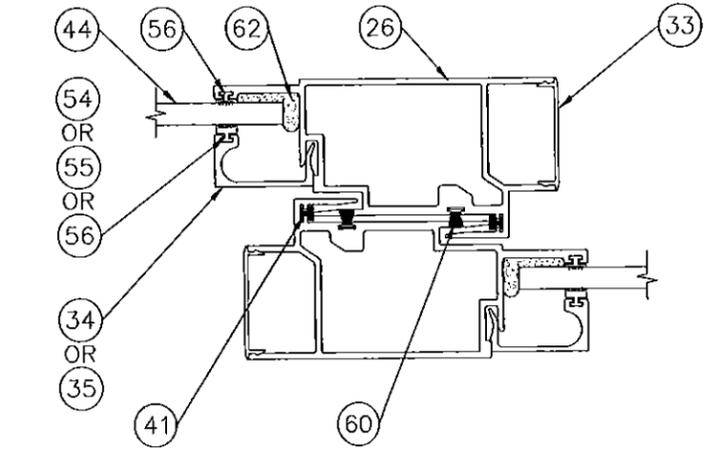
INTERIOR



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

EXTERIOR

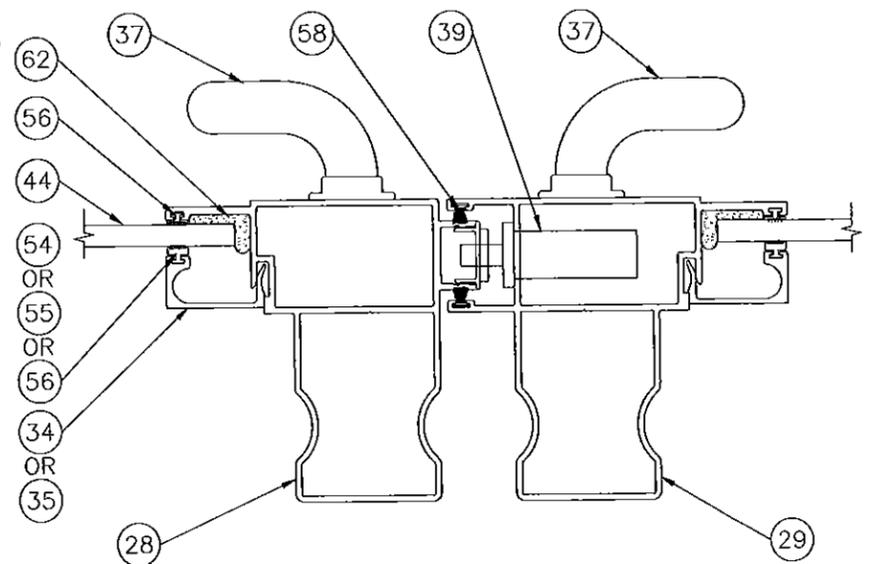
INTERIOR



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

EXTERIOR

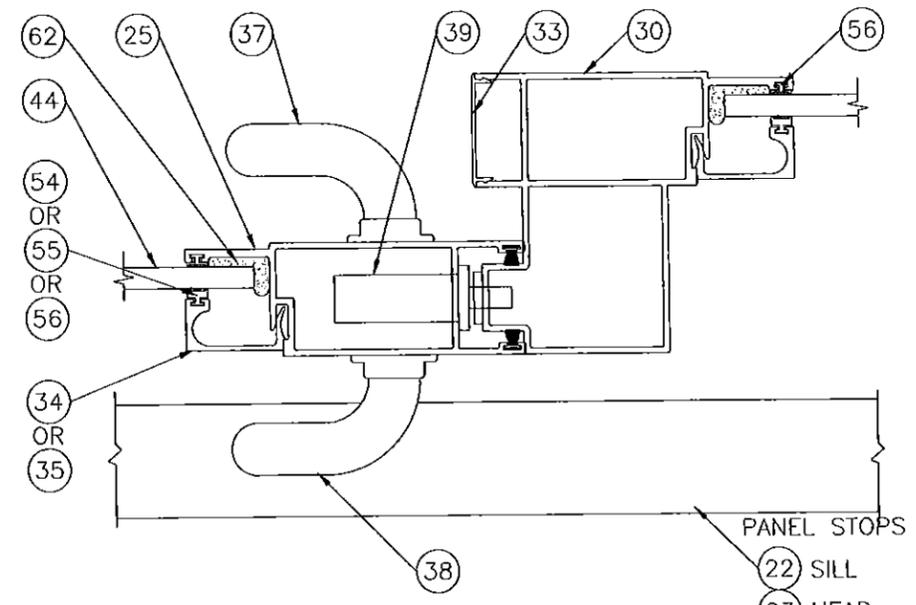
INTERIOR



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

EXTERIOR

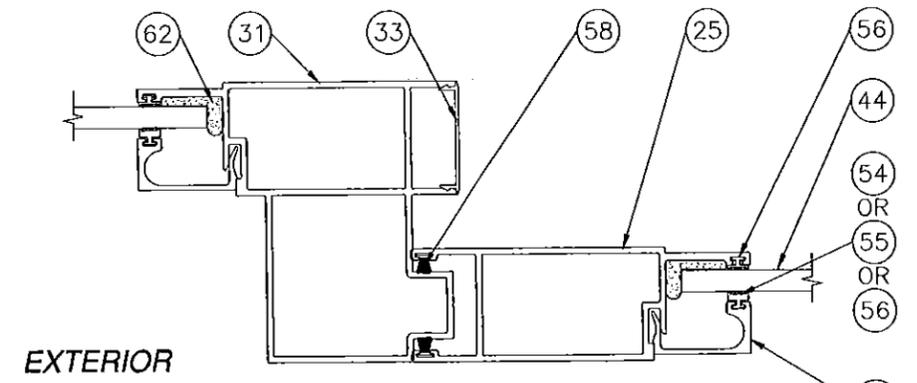
INTERIOR



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

EXTERIOR

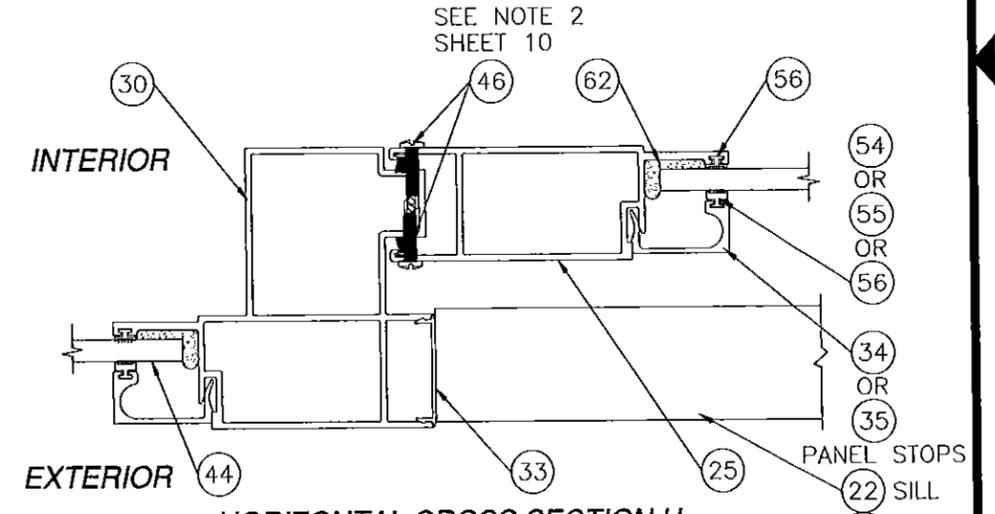
INTERIOR



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

EXTERIOR

INTERIOR



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

EXTERIOR

SEE NOTE 2
SHEET 10

SIGNED: 02/05/2016

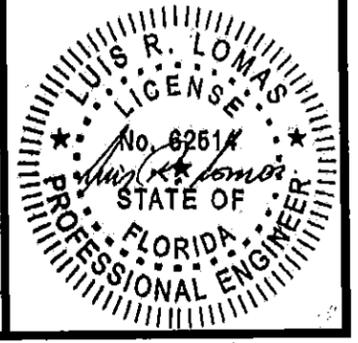
PRODUCT REVISED
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Acceptance No. 15-2604-08
Expiration Date 4/2/20
By: Ishag J. Chant
Product Control

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INCORPORATED

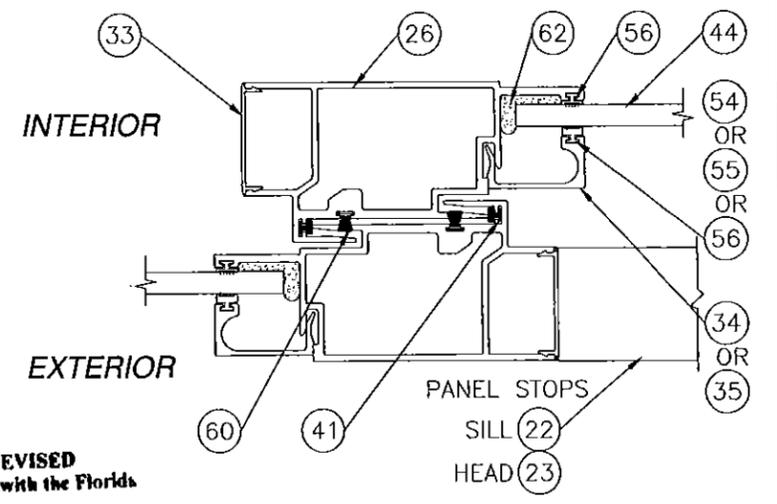
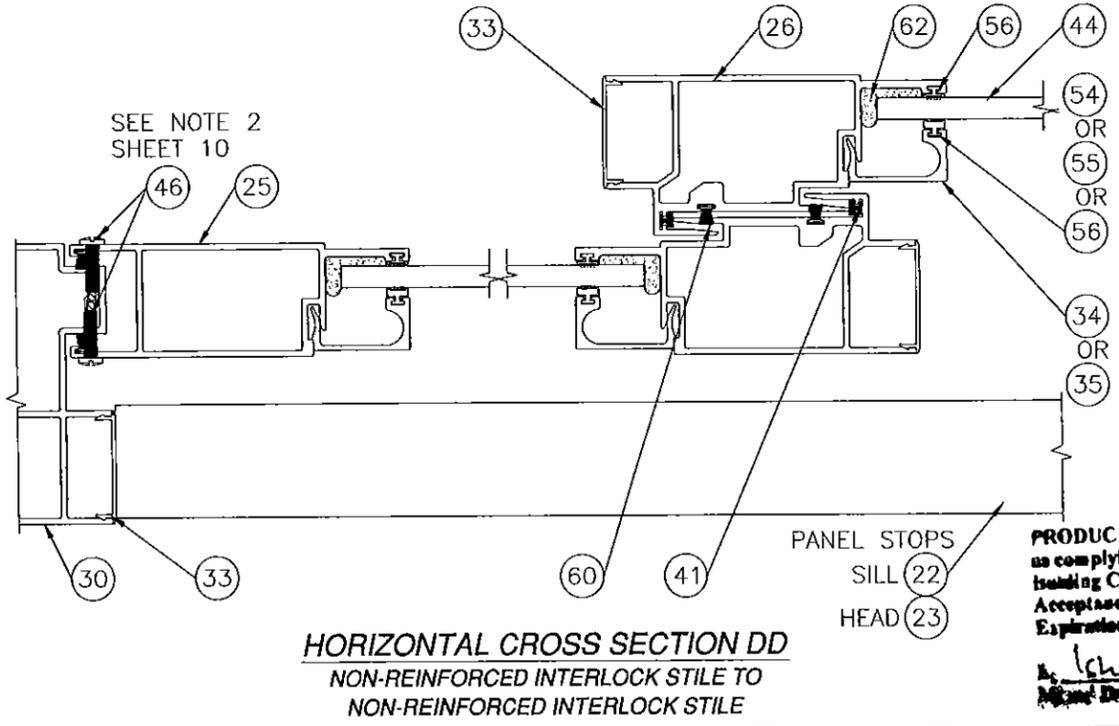
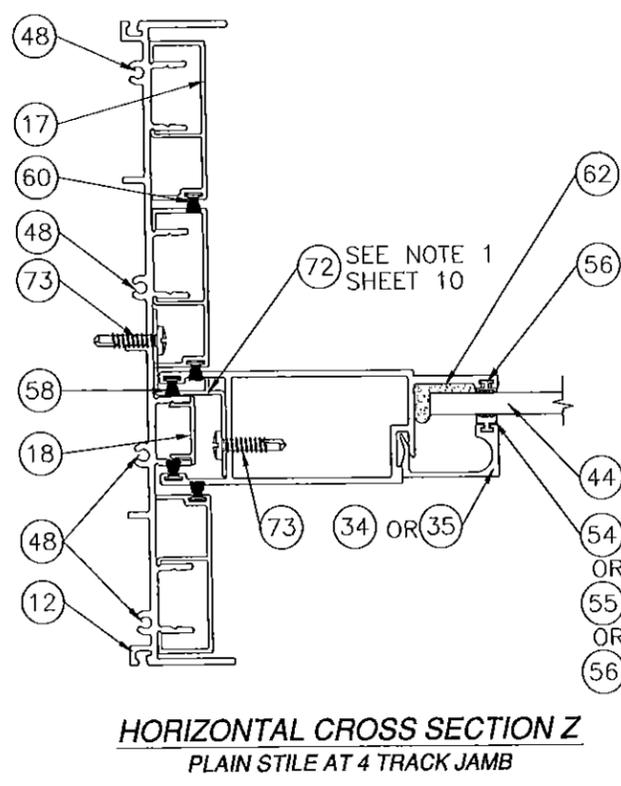
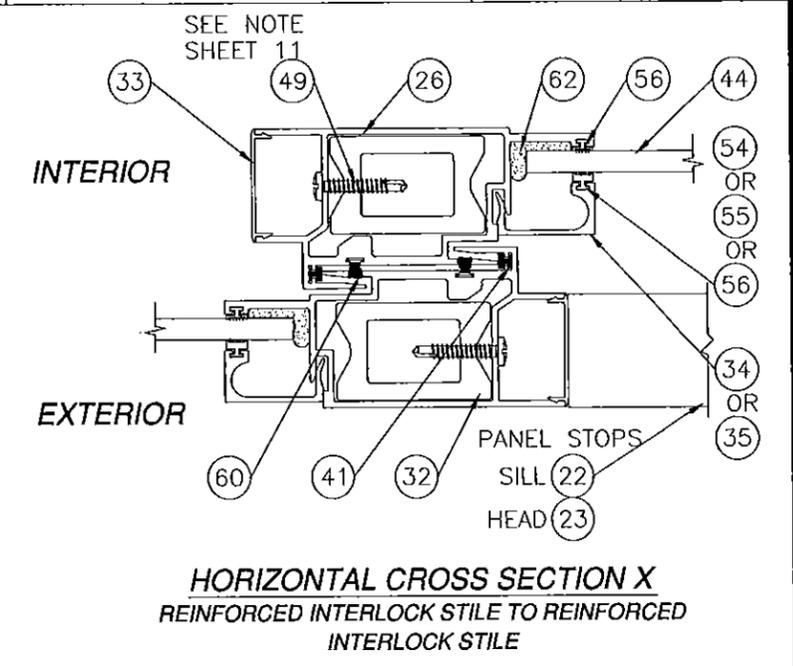
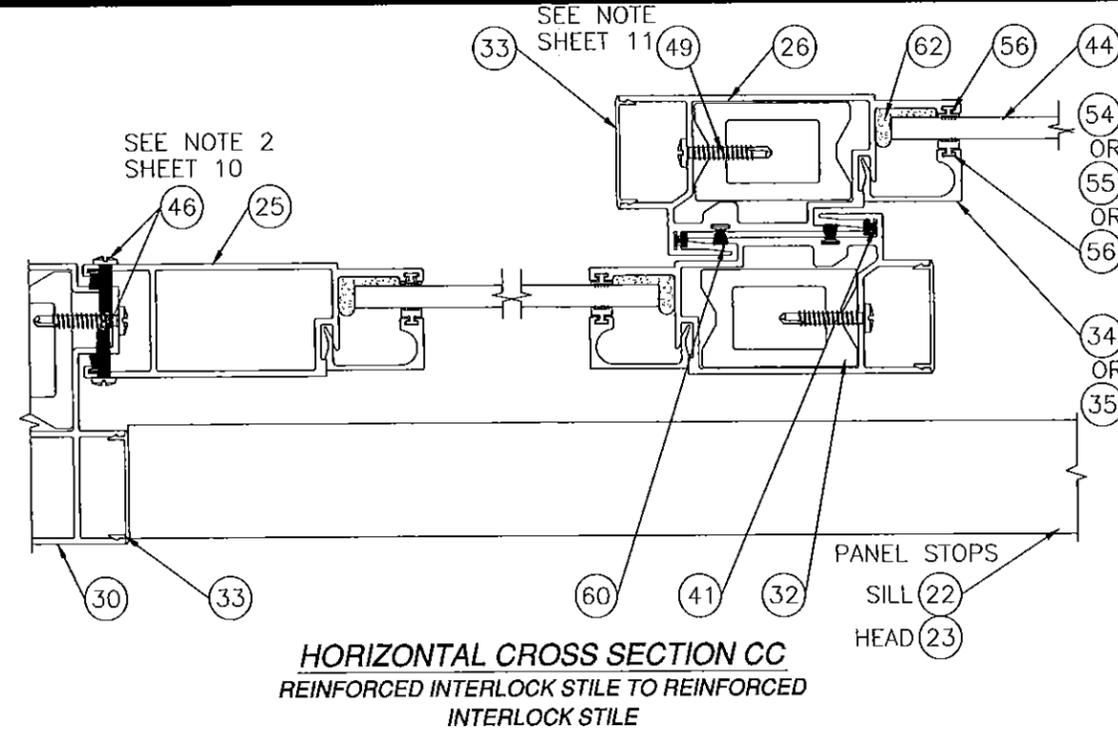
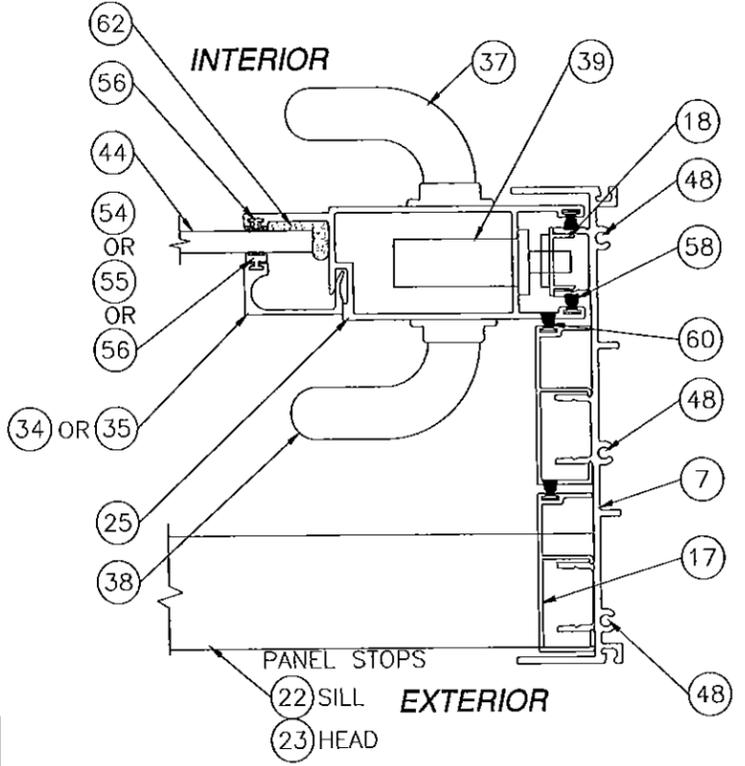
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HORIZONTAL CROSS SCCTIONS

DRAWN: TJH	DWG. NO. 08-00635	REV E
SCALE NTS	DATE 11/11/08	SHEET 12 OF 20



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



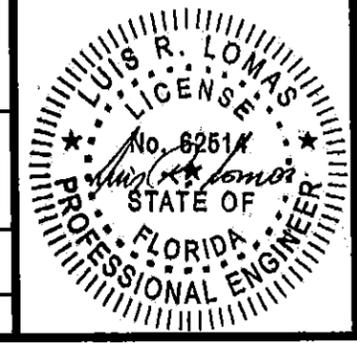
PRODUCT REVISED
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Building Code
Acceptance No. 15-0604.08
Expiration Date 6/2/20
Luis R. Lomas
Product Control

SIGNED: 02/05/2016

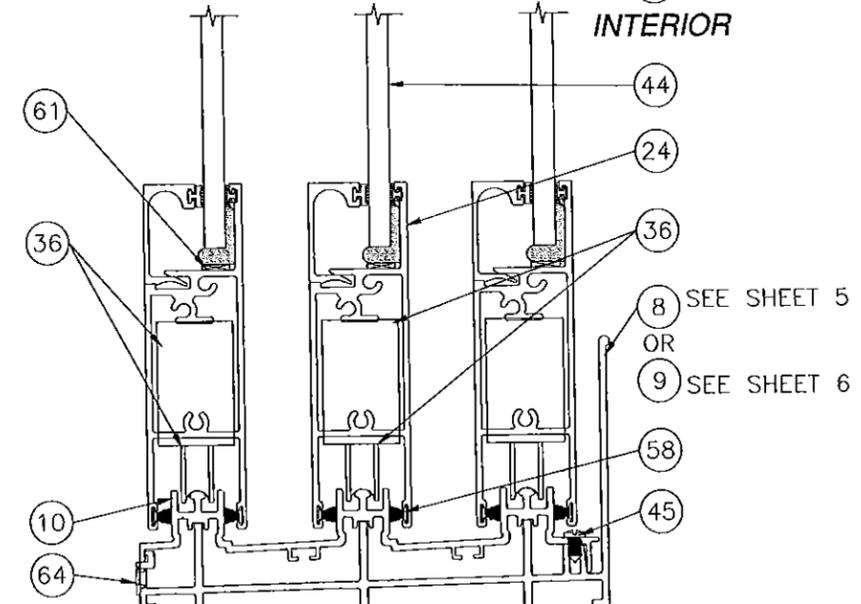
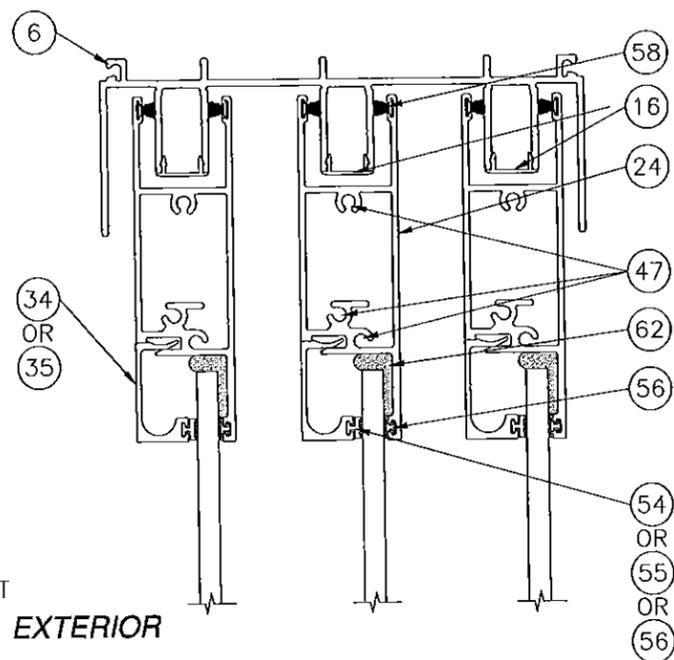
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HORIZONTAL CROSS SCCTIONS

DRAWN: TJH	DWG NO. 08-00635	REV E
SCALE NTS	DATE 11/11/08	SHEET 13 OF 20



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



NOTE:
VERTICAL SECTIONS
ILLUSTRATED WITHOUT
SUBSTRATE.

EXTERIOR

INTERIOR

EXTERIOR

INTERIOR

VERTICAL CROSS SECTION AA
3 TRACK FRAME SYSTEM

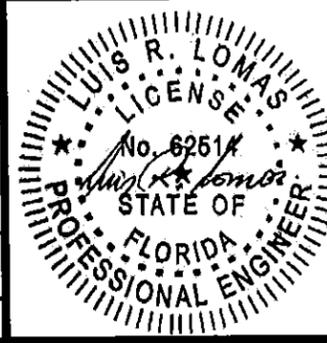
VERTICAL CROSS SECTION BB
4 TRACK FRAME SYSTEM

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Luis R. Lomas
Manager Product Control

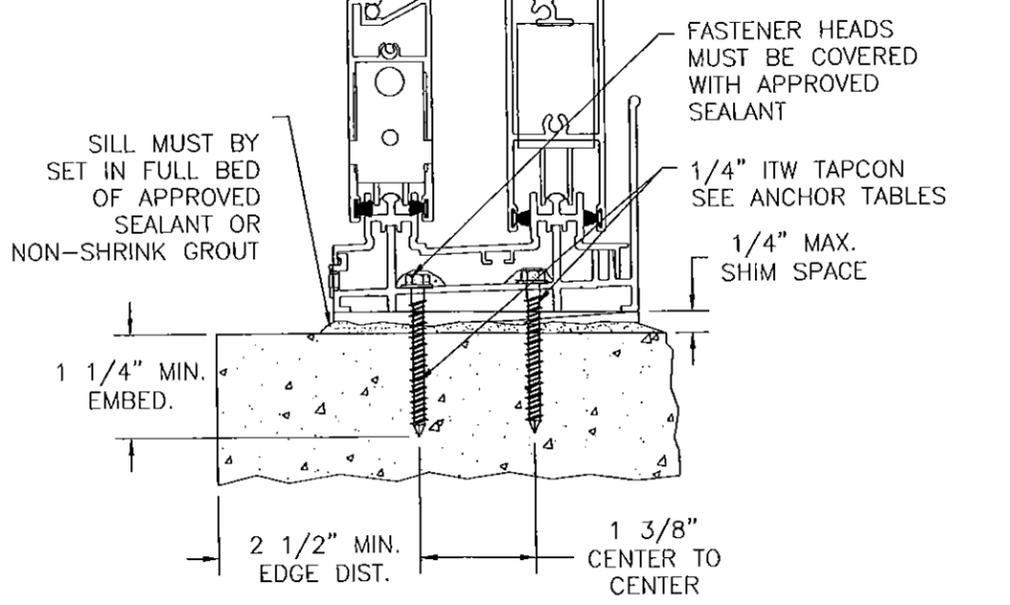
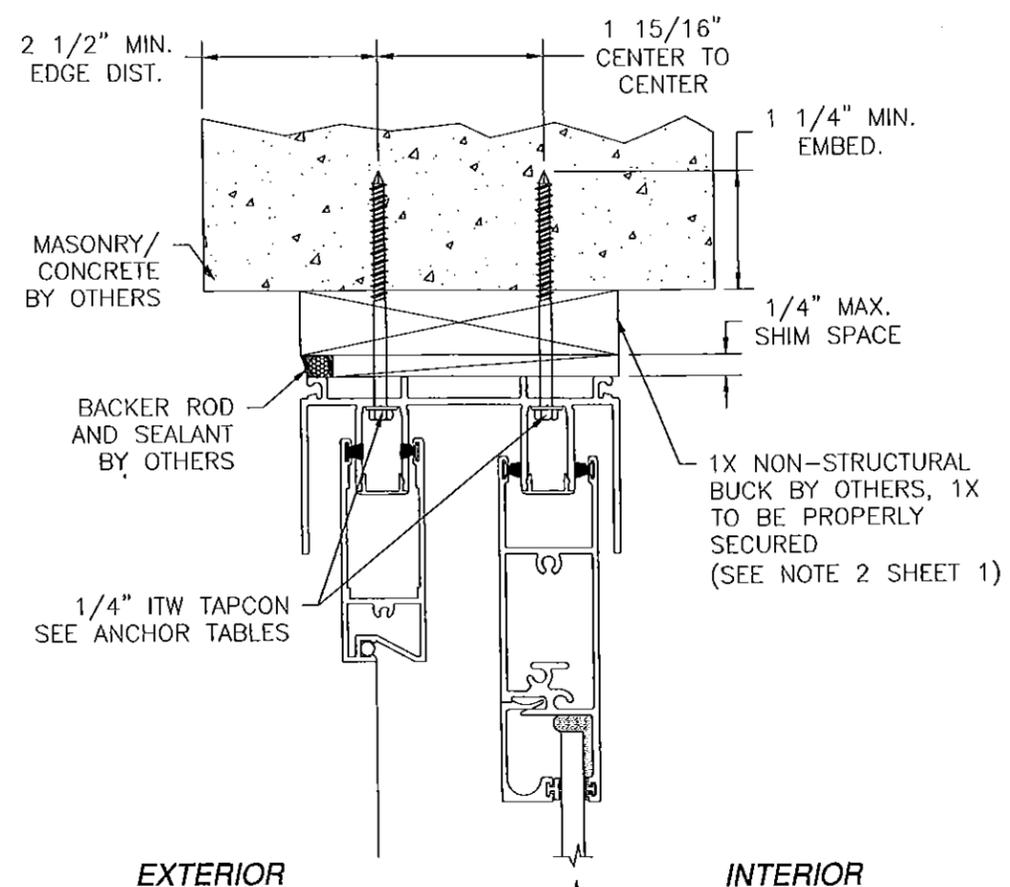
SIGNED: 02/05/2016

NOTE:
SEE SHEETS 15, 16 AND 17 FOR TYPICAL ANCHORAGE TO
VARIOUS SUBSTRATE MATERIALS. A SPECIFIC SUBSTRATE IS
INDICATED ON EACH HEAD AND TRACK SYSTEM. OTHER HEAD AND
TRACK SYSTEMS ARE SIMILAR, SEE SHEET 7.

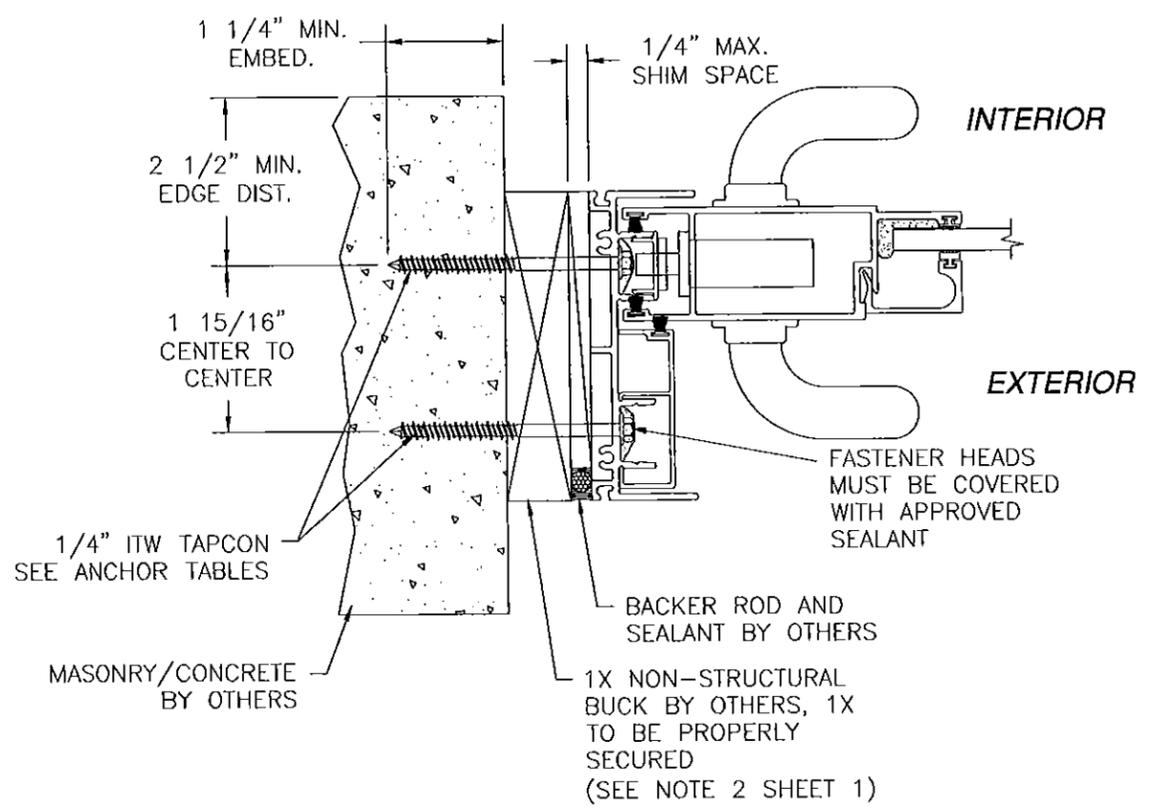
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DRAWN: TJH	DWG. NO. 08-00635	REV E	
SCALE NTS	DATE 11/11/08	SHEET 14 OF 20	



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



2 TRACK FRAME VERTICAL INSTALLATION
MASONRY/CONCRETE INSTALLATION, 2 TRACK SHOWN 3 TRACK & 4 TRACK SIMILAR, SEE SHEET 7



2 TRACK FRAME JAMB INSTALLATION
1X BUCK TO MASONRY/CONCRETE INSTALLATION, 2 TRACK SHOWN 3 TRACK & 4 TRACK SIMILAR, SEE SHEET 7

NOTE: CONCRETE SUBSTRATE SHOWN. ANCHORAGE IN EXTERIOR AND INTERIOR TRACK LOCATIONS IS TYPICAL FOR 3 TRACK AND 4 TRACK SYSTEMS.

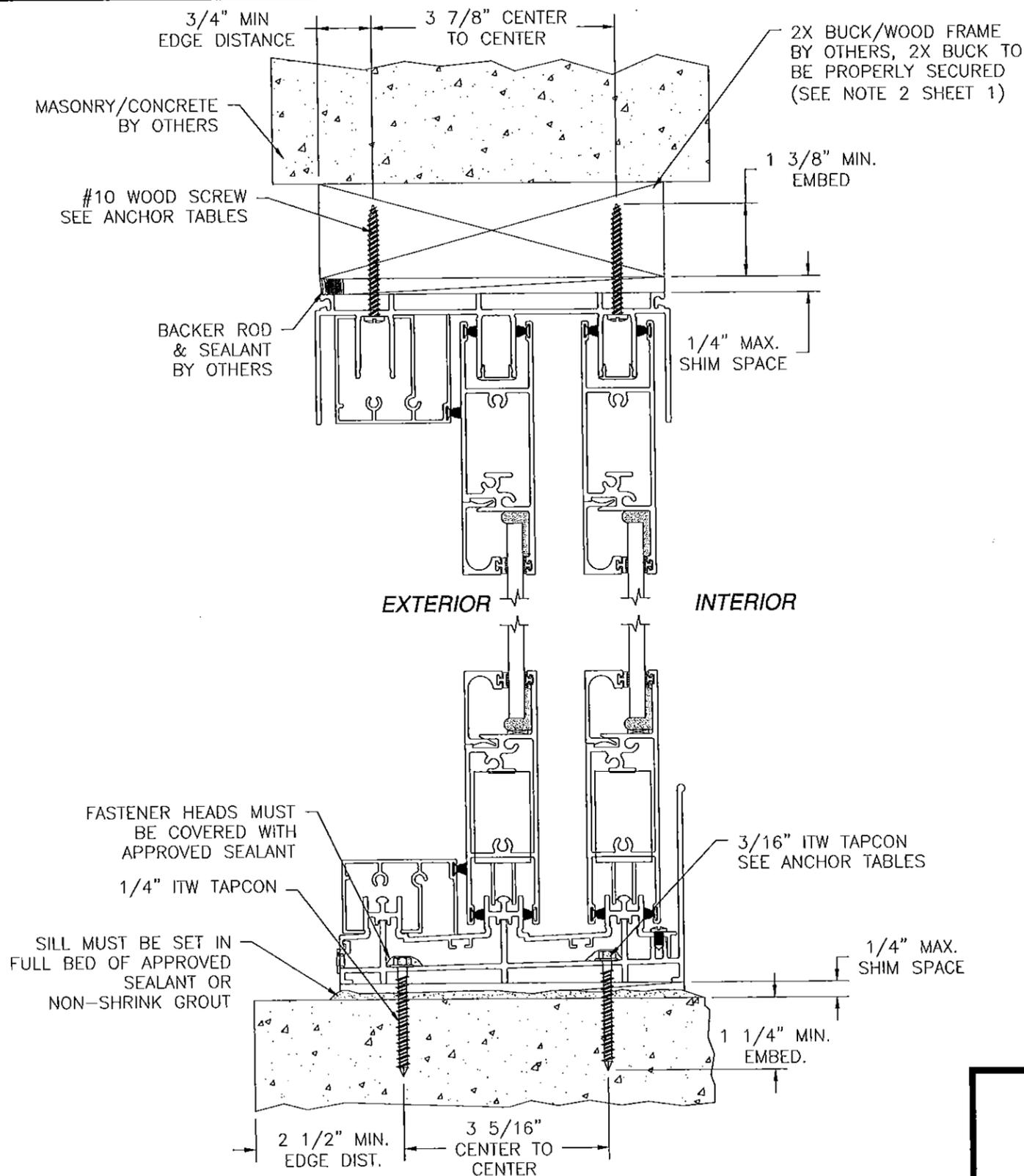
PRODUCT REVISED
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Building Code
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Expiration Date 6/2/20
Shug L. Lomas
Product Control

SIGNED: 02/05/2016

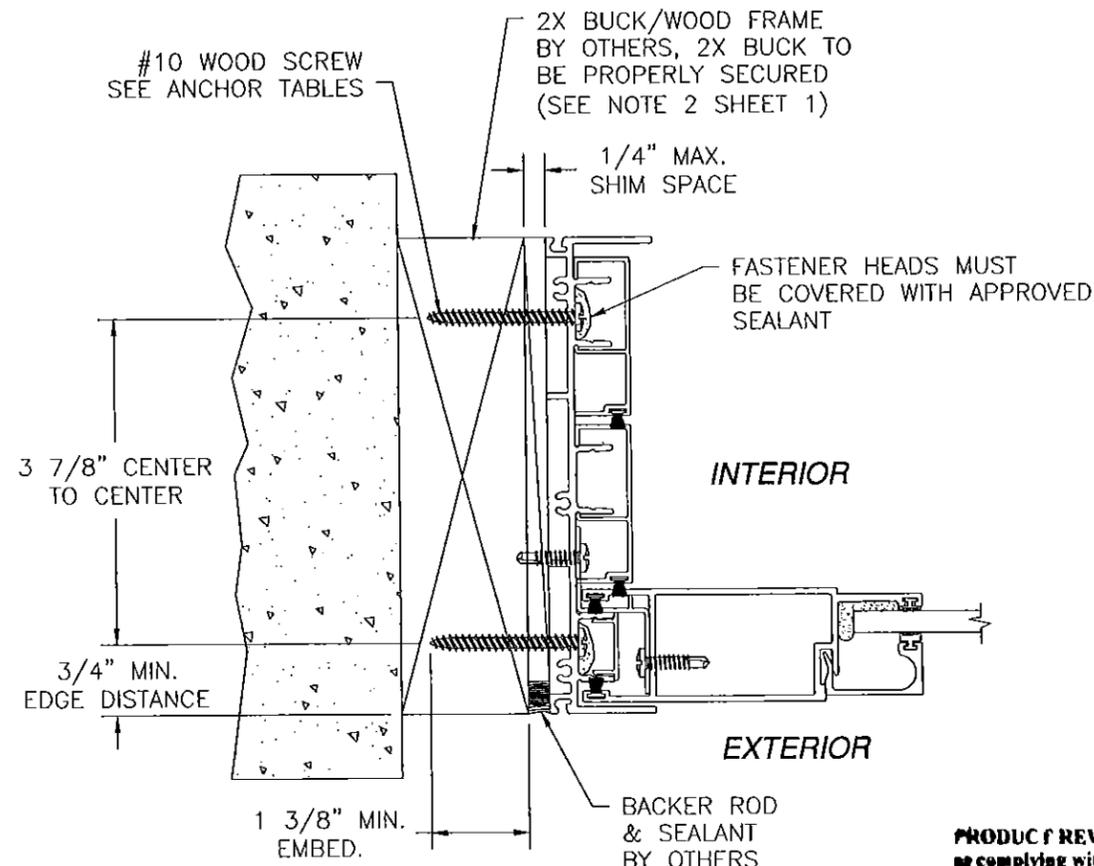
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	Phone: 407.481.8400 Fax: 407.481.0505	www.windoorinc.com
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DRAWN: TJH	DWG. NO. 08-00635	REV E
SCALE NTS	DATE 11/11/08	SHEET 15 OF 20



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



3 TRACK FRAME VERTICAL INSTALLATION
 2X BUCK/WOOD FRAME INSTALLATION, 3 TRACK SHOWN 2 TRACK & 4 TRACK SIMILAR, SEE SHEET 7



3 TRACK FRAME JAMB INSTALLATION
 2X BUCK/WOOD FRAME INSTALLATION, 3 TRACK SHOWN 2 TRACK & 4 TRACK SIMILAR, SEE SHEET 7

NOTE:
 2X BUCK/WOOD FRAME SUBSTRATE SHOWN. ANCHORAGE IN EXTERIOR AND INTERIOR TRACK LOCATIONS IS TYPICAL FOR 2 TRACK AND 4 TRACK SYSTEMS.

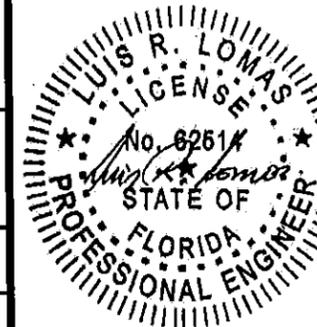
PRODUCT REVISED
 to comply with the Florida
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 Acceptance No 15-0604-08
 Expiration Date 6/2/20
[Signature]
 Product Control

SIGNED: 02/05/2016

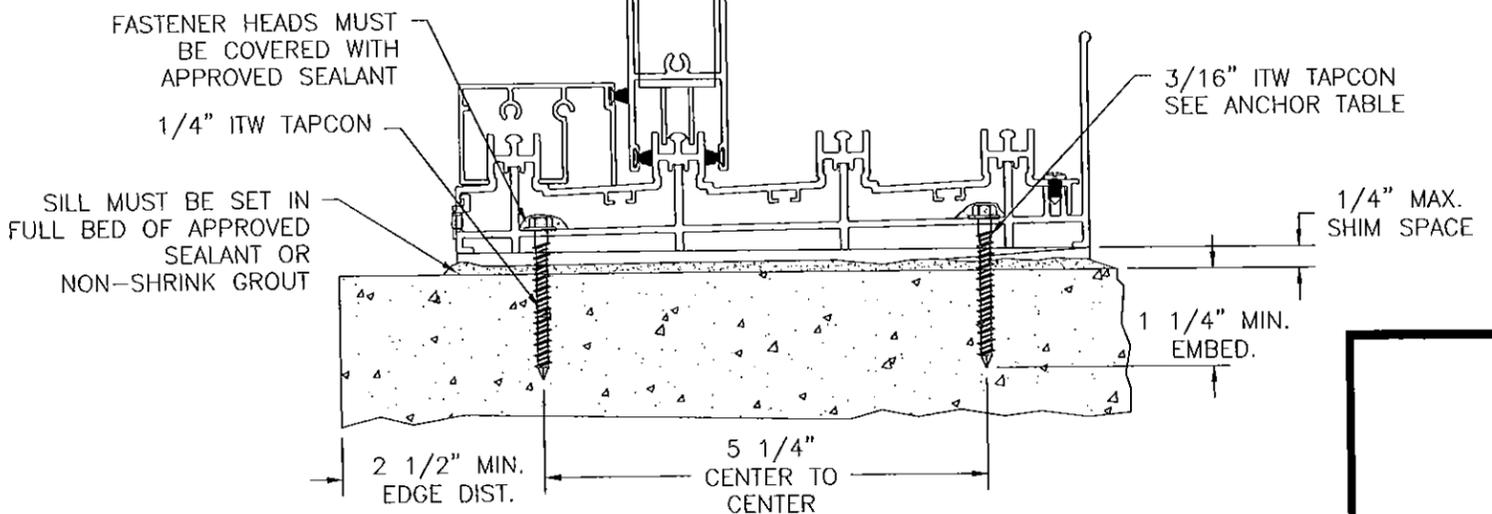
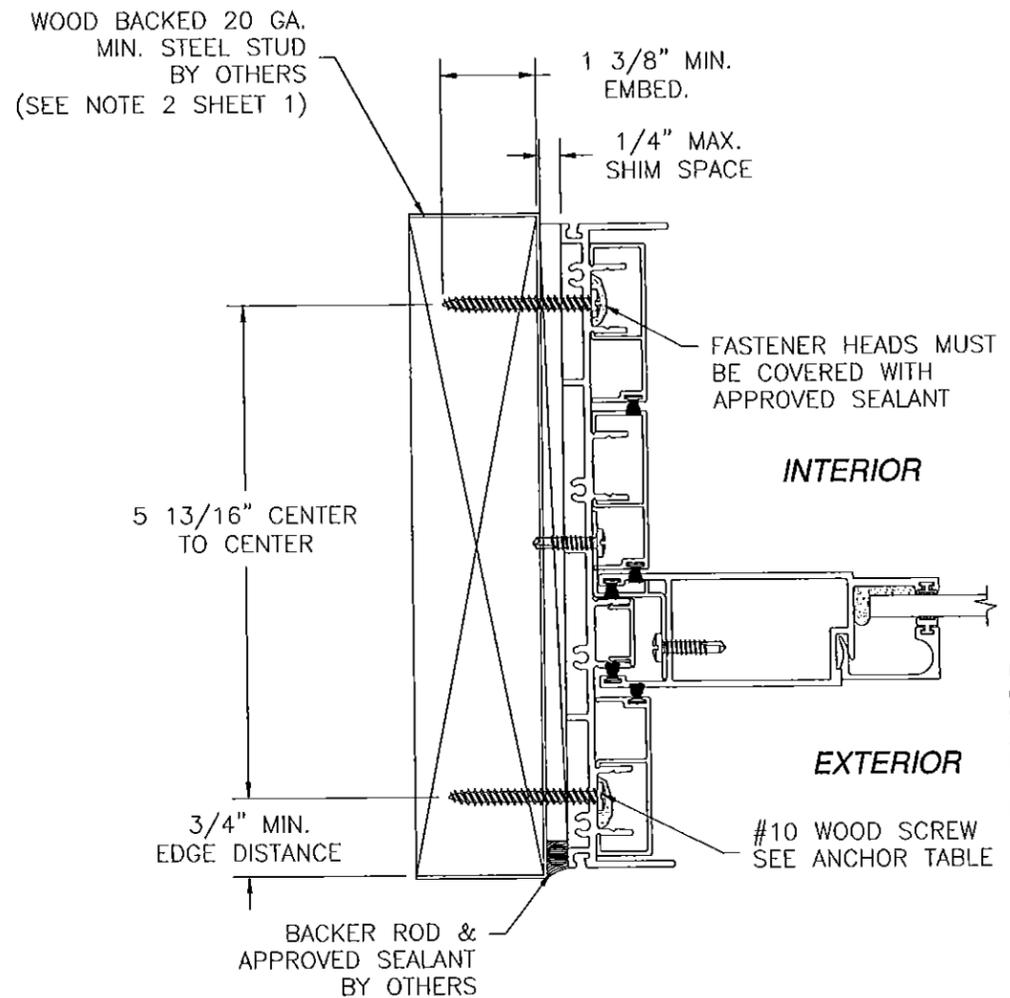
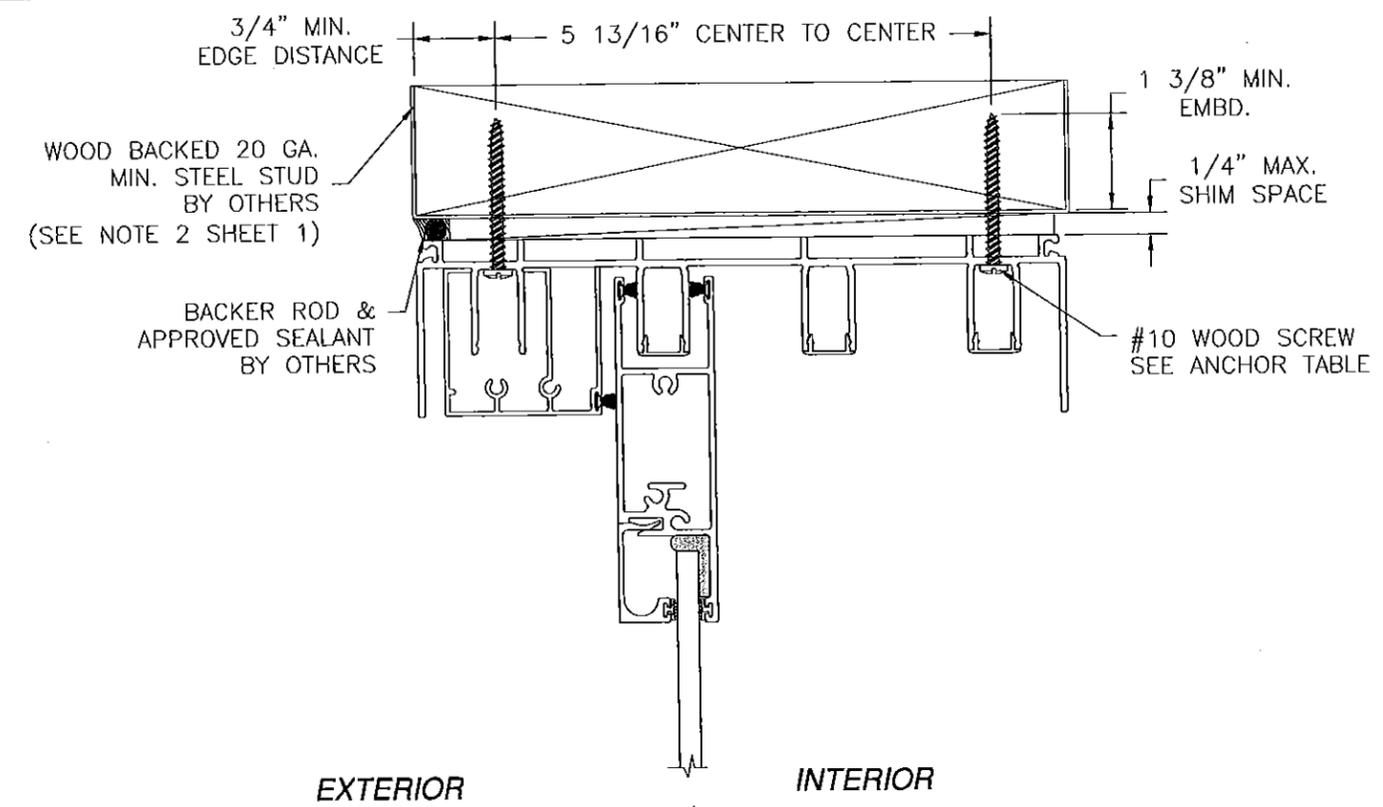
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7000 SERIES NON-IMPACT REINFORCED
 & NON-REINFORCED (5'0 x 8'2 PANEL)
 INSTALLATION DETAILS

DRAWN: TJH	DWG. NO. 08-00635	REV E
SCALE NTS	DATE 11/11/08	SHEET 16 OF 20



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



4 TRACK FRAME VERTICAL INSTALLATION
WOOD BACKED 20 GA. STEEL STUD INSTALLATION, 4 TRACK
SHOWN 2 TRACK & 3 TRACK SIMILAR, SEE SHEET 7

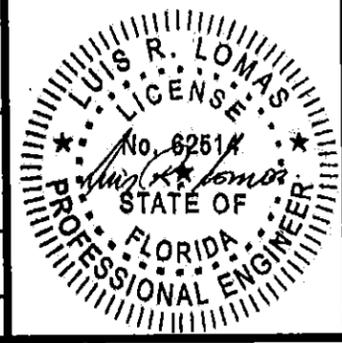
4 TRACK FRAME JAMB INSTALLATION
WOOD BACKED 20 GA. STEEL STUD INSTALLATION, 4
TRACK SHOWN 2 TRACK & 3 TRACK SIMILAR, SEE SHEET 7

NOTE:
WOOD BACKED 20 GA. STEEL STUD SUBSTRATE SHOWN.
ANCHORAGE IN EXTERIOR AND INTERIOR TRACK LOCATIONS.

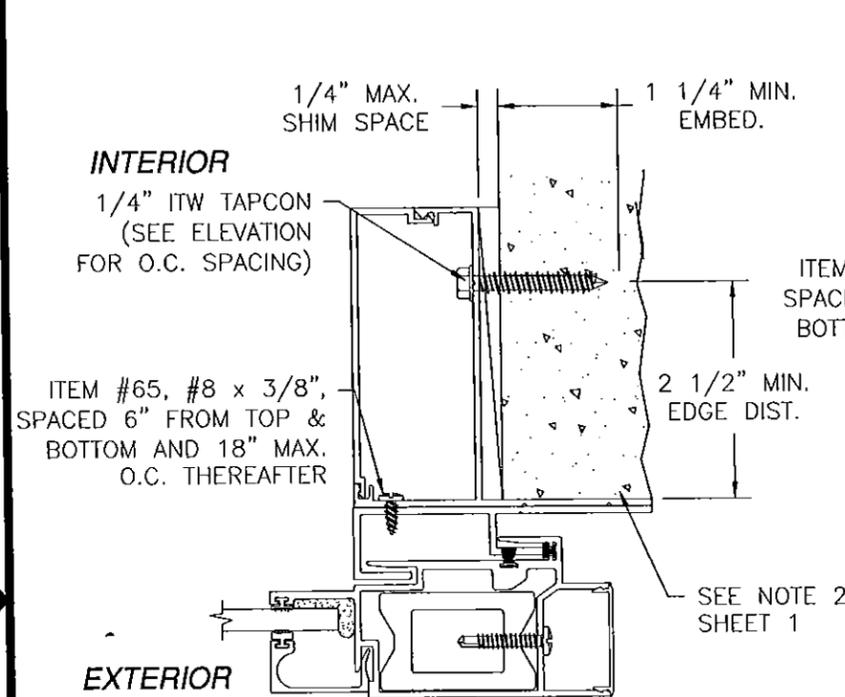
PRODUCT REVISED
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Acceptance No. 15-0604.08
Expiration Date 6/2/20
[Signature]
Miami-Dade Product Control

SIGNED: 02/05/2016

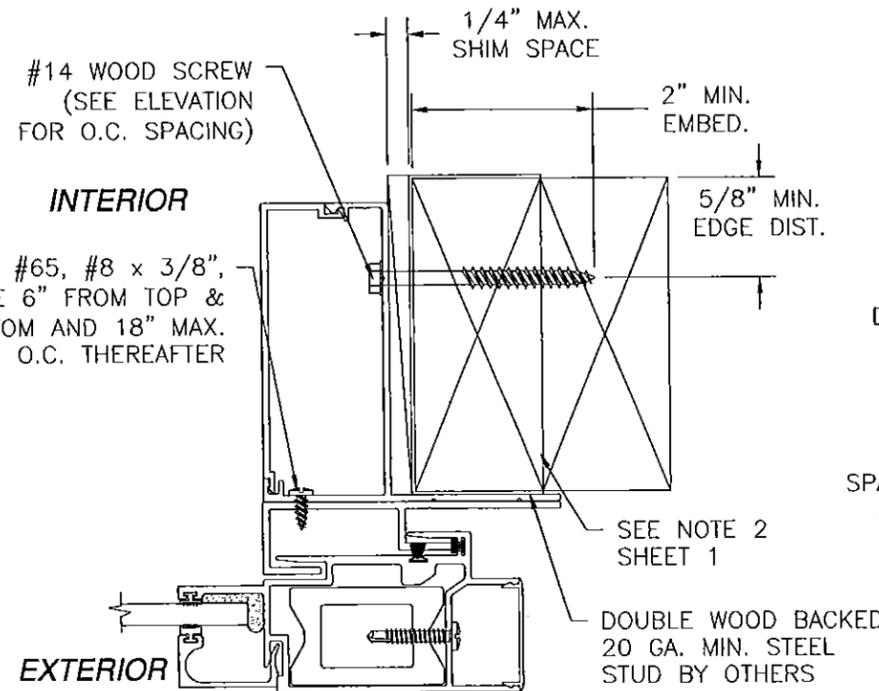
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7000 SERIES NON-IMPACT REINFORCED & NON-REINFORCED (5'0" x 8'2" PANEL) INSTALLATION DETAILS		
DRAWN: TJH	DWG. NO. 08-00635	REV E
SCALE NTS	DATE 11/11/08	SHEET 17 OF 20



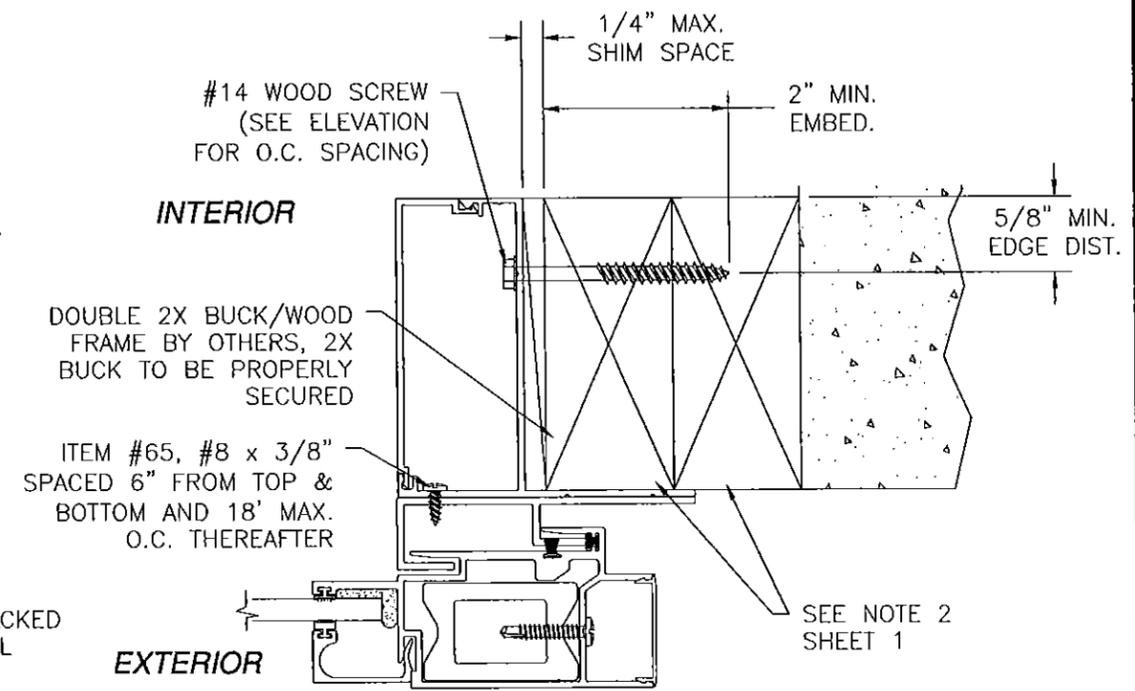
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



POCKET HOOK STRIP
MASONRY/CONCRETE INSTALLATION
REINFORCED SHOWN, NON-REINFORCED IS SAME.



POCKET HOOK STRIP
DOUBLE WOOD BACKED 20 GA. STEEL STUD INSTALLATION
REINFORCED SHOWN, NON-REINFORCED IS SAME.



POCKET HOOK STRIP
DOUBLE 2X BUCK/WOOD FRAME INSTALLATION REINFORCED
SHOWN, NON-REINFORCED IS SAME.

SEE POCKET JAMB ELEVATION IN SHEET 7 AND POCKET JAMB ANCHOR CHART #10 IN SHEET 6.

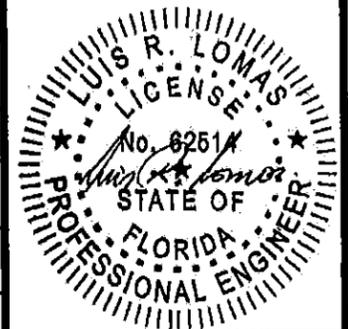
PRODUCT REVISED
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Building Code
Acceptance No. 15-0604-08
Expiration Date 6/2/20
L. [Signature]
Miami Door Product Control

SIGNED: 02/05/2016

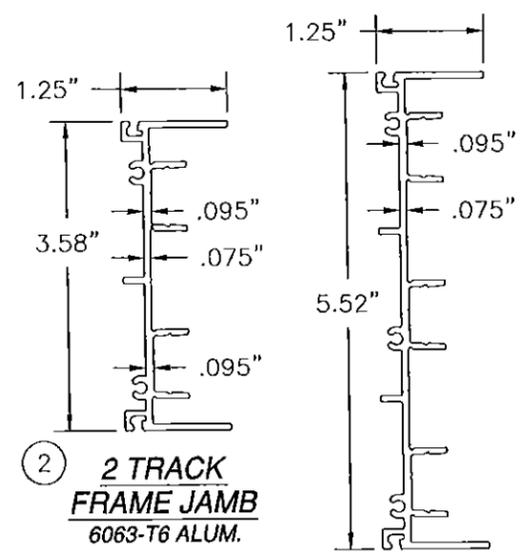
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7000 SERIES NON-IMPACT REINFORCED
& NON-REINFORCED (5'0 x 8'2 PANEL)
INSTALLATION DETAILS

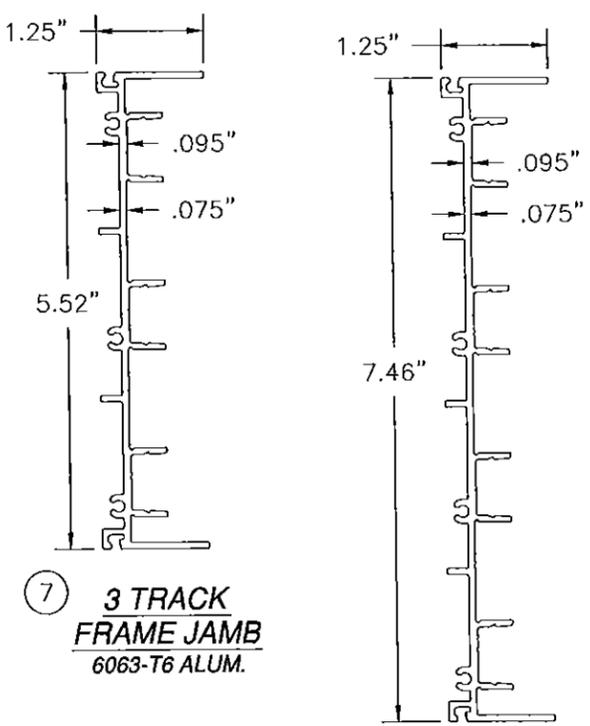
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SCALE NTS	DATE 11/11/08	SHEET 18 OF 20



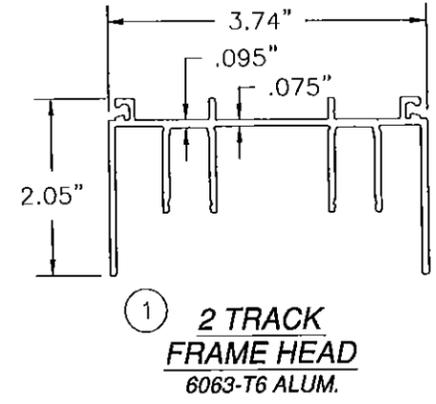
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



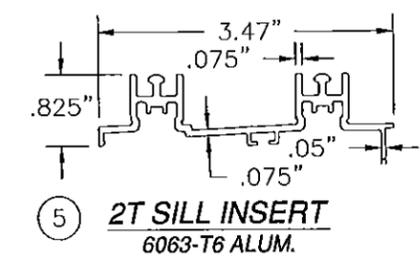
② **2 TRACK FRAME JAMB**
6063-T6 ALUM.



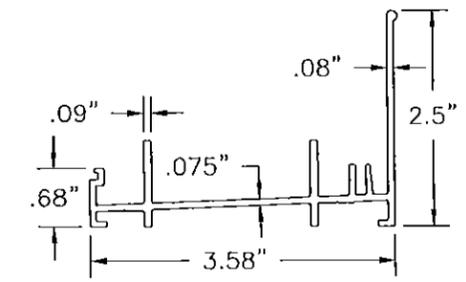
⑦ **3 TRACK FRAME JAMB**
6063-T6 ALUM.



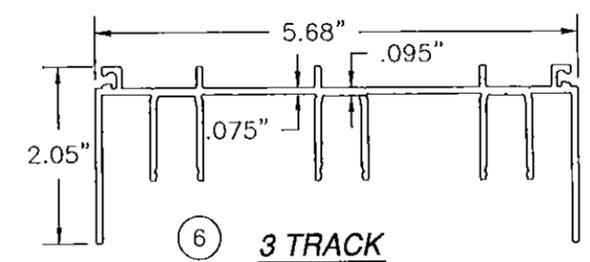
① **2 TRACK FRAME HEAD**
6063-T6 ALUM.



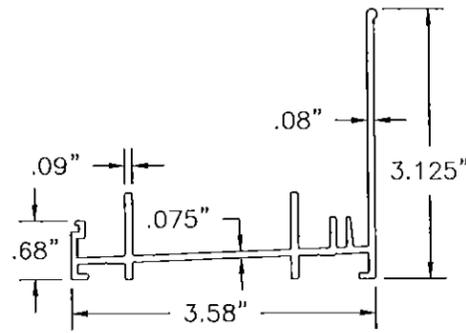
⑤ **2T SILL INSERT**
6063-T6 ALUM.



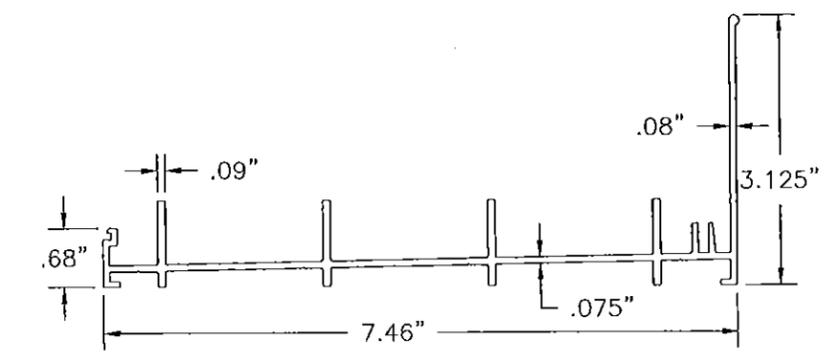
③ **2 TRACK SILL PAN**
2 1/2" RISER
6063-T6 ALUM.



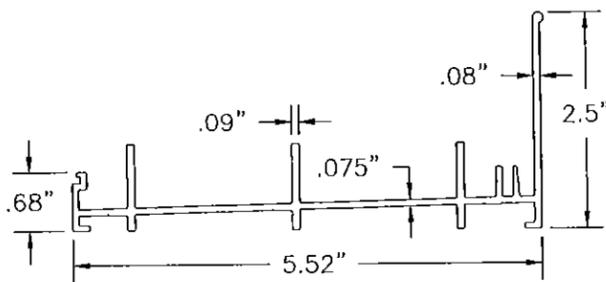
⑥ **3 TRACK FRAME HEAD**
6063-T6 ALUM.



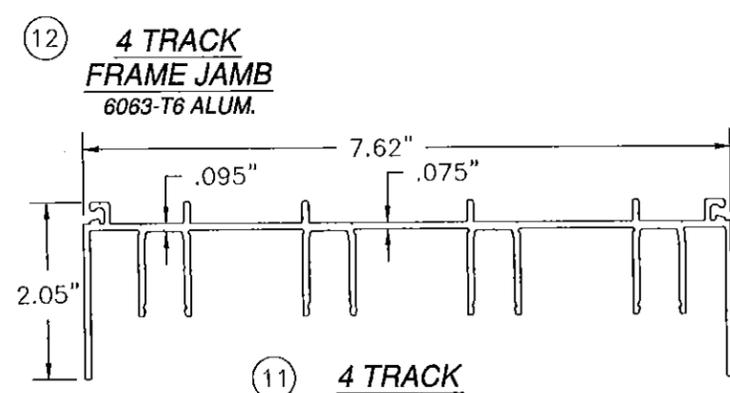
④ **2 TRACK SILL PAN**
3 1/8" RISER
6063-T6 ALUM.



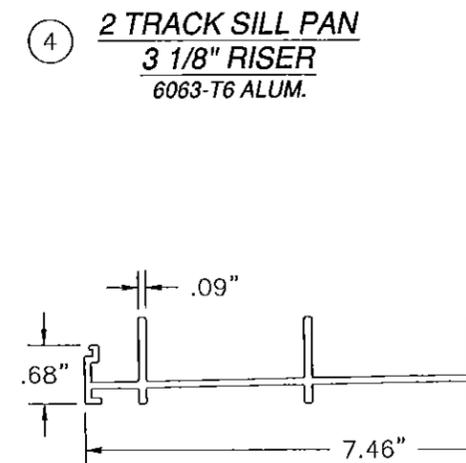
⑭ **4 TRACK SILL PAN**
3 1/8" RISER
6063-T6 ALUM.



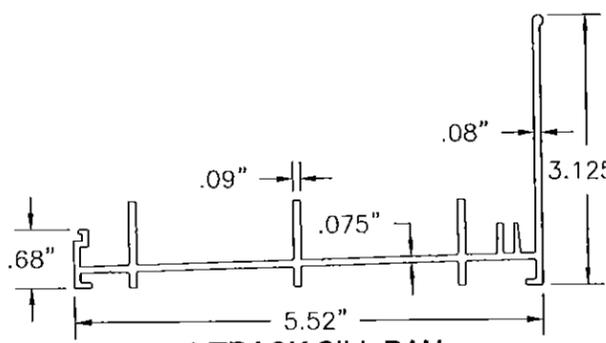
⑧ **3 TRACK SILL PAN**
2 1/2" RISER
6063-T6 ALUM.



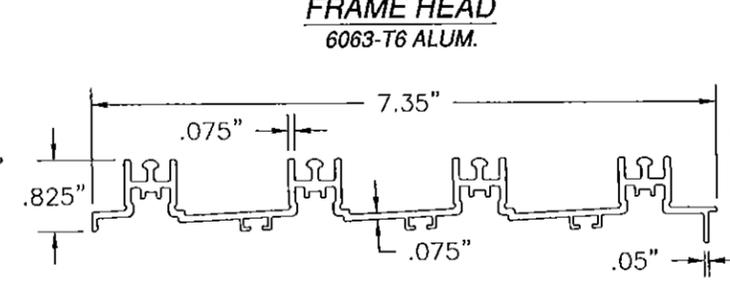
⑪ **4 TRACK FRAME HEAD**
6063-T6 ALUM.



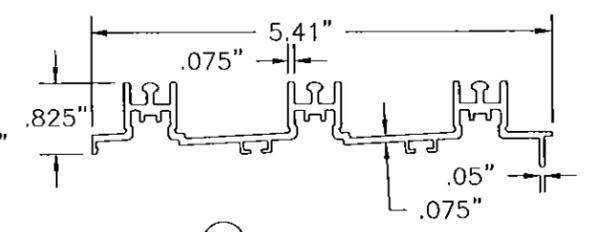
⑬ **4 TRACK SILL PAN**
2 1/2" RISER
6063-T6 ALUM.



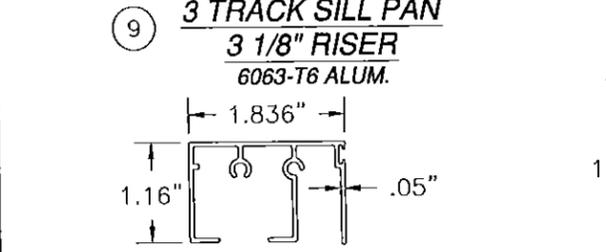
⑨ **3 TRACK SILL PAN**
3 1/8" RISER
6063-T6 ALUM.



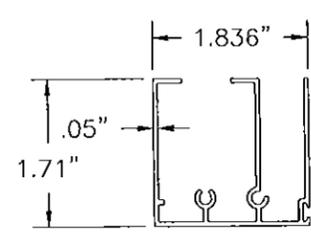
⑮ **4 TRACK SILL INSERT**
6063-T6 ALUM.



⑩ **3 TRACK SILL INSERT**
6063-T6 ALUM.



⑳ **PANEL STOP SILL COVER**
6063-T6 ALUM.

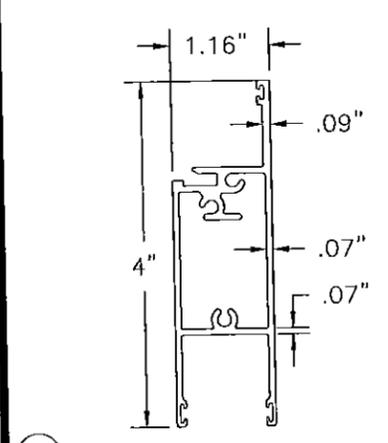


㉓ **PANEL STOP HEAD COVER**
6063-T6 ALUM.

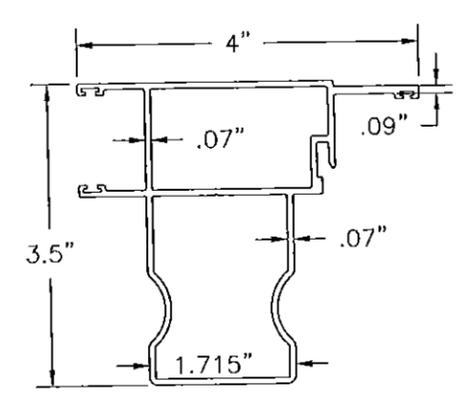
SIGNED: 02/05/2016

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. <i>15-0604-08</i> Expiration Date <i>4/2/20</i> <i>Sherry L. Leland</i> Mitig. Dept. Product Control	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
	7000 SERIES NON-IMPACT REINFORCED & NON-REINFORCED (5'0 x 8'2 PANEL) COMPONENTS	
DRAWN: TJH	DWG NO. 08-00635	REV E
SCALE NTS	DATE 11/11/08	SHEET 19 OF 20

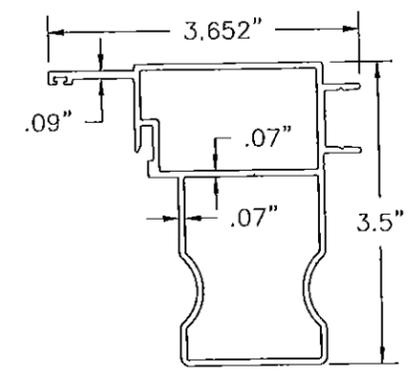
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
E	ADDED CHART FOR WOOD ANCHORING	03/30/15	R.L.



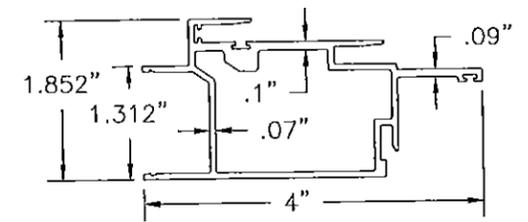
24 **TOP & BOTTOM RAIL**
6063-T6 ALUM.



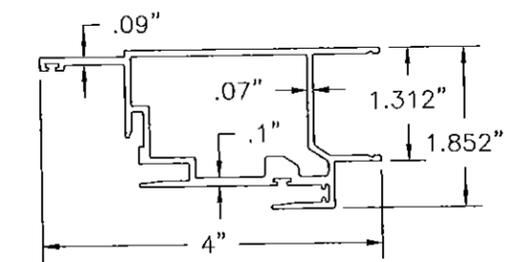
29 **LOCKING BUTT STILE**
6063-T6 ALUM.



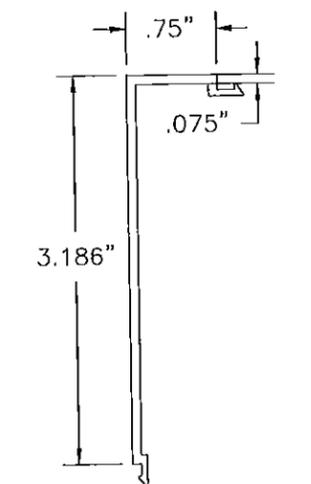
28 **MALE BUTT STILE**
6063-T6 ALUM.



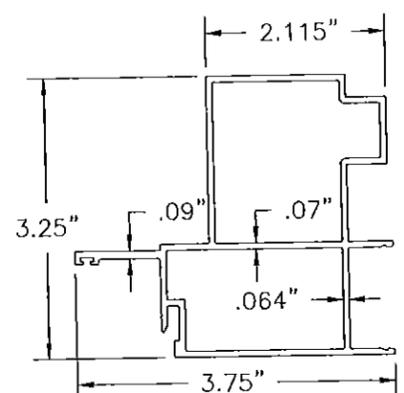
27 **INTERLOCK STILE RIGHT**
6063-T6 ALUM.



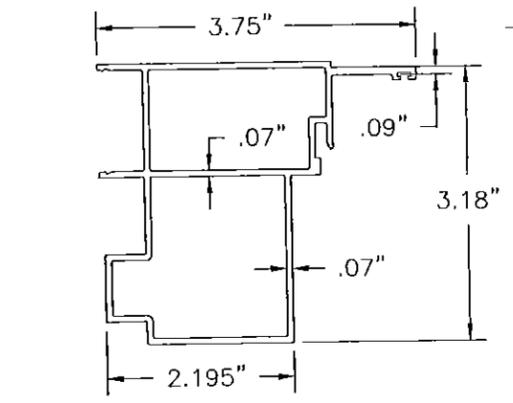
26 **INTERLOCK STILE LEFT**
6063-T6 ALUM.



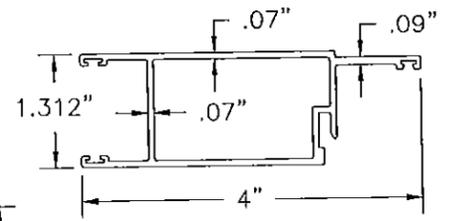
20 **HOOK STRIP WALL COVER**
6063-T6 ALUM.



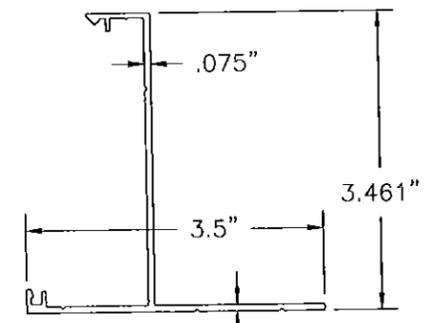
30 **INTERIOR FIXED BUTT STILE**
6063-T6 ALUM.



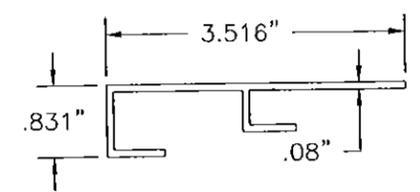
31 **EXTERIOR FIXED BUTT STILE**
6063-T6 ALUM.



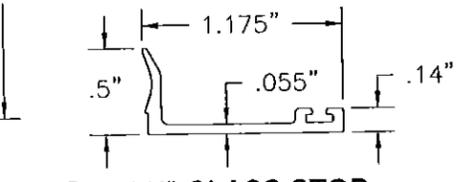
25 **LOCK/PLAIN STILE**
6063-T6 ALUM.



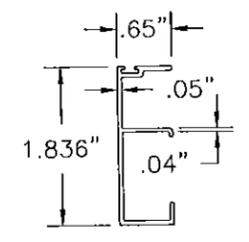
21 **HOOK STRIP WALL MOUNT**
6063-T6 ALUM.



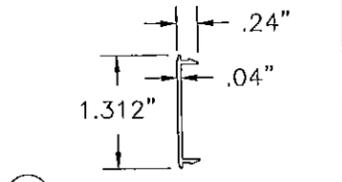
19 **HOOK STRIP BASE**
6063-T6 ALUM.



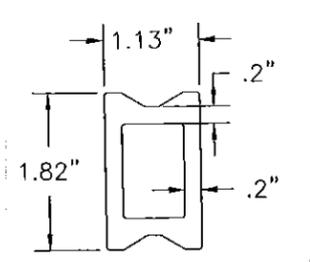
35 **3/4\"/>**



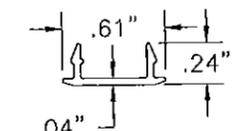
17 **RECESSED JAMB COVER**
6063-T6 ALUM.



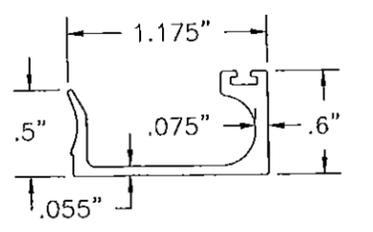
33 **BUTT STILE & INTERLOCK COVER**
6063-T6 ALUM.



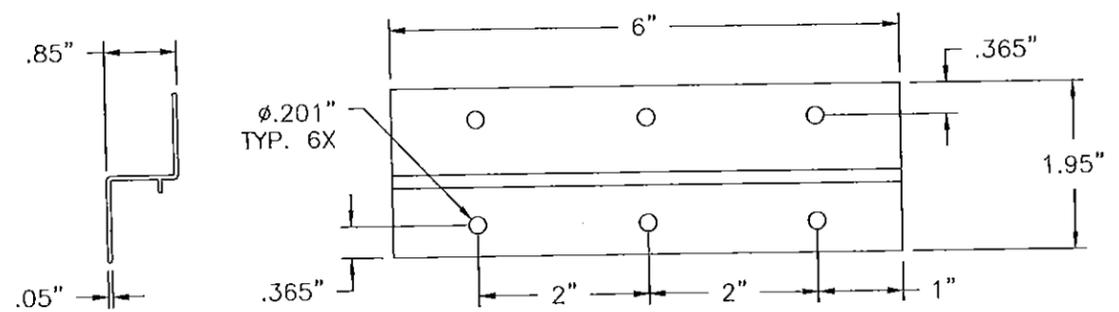
18 **FLUSH JAMB COVER**
6063-T6 ALUM.



16 **FRAME HEAD TRACK COVER**
6063-T6 ALUM.



34 **1/4\"/>**



72 **FIXED PANEL Z-CLIP**
6063-T6 ALUM.

32 **INTERLOCK REINFORCING BAR**
6005-T5 ALUM.

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No 15-0604-08
Expiration Date 6/2/2020
Louis R. Lomas
Product Control

WinDoor
INCORPORATED
7500 AMSTERDAM DRIVE
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