



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

WinDoor, Inc.
7500 Amsterdam Drive
Orlando, FL 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 RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "4030-HVHZ w/Single Hung Window" Aluminum Window Wall System – L.M.I.

APPROVAL DOCUMENT: Drawing No. **08-02138**, titled "4030 Aluminum Window Wall - Large Missile Impact - HVHZ", sheets 1 through 9 of 9, dated 07/17/13, with revision B dated 07/07/15, prepared by manufacturer, 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: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/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# **13-0815.06** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



Handwritten signature and date: 7/6/30/16

NOA No. 15-0715.06
Expiration Date: April 03, 2019
Approval Date: July 07, 2016
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 13-0815.06)
2. Drawing No. **08-02138**, titled "4030 Aluminum Window Wall - Large Missile Impact - HVHZ", sheets 1 through 9 of 9, dated 07/17/13, with revision B dated 07/07/15, prepared by manufacturer, signed and sealed by Luis R. Lomas, P.E.

B. TESTS

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
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411.3.2.1, and TAS 202-94along with marked-up drawings and installation diagram of an aluminum window wall system w/ single hung window, prepared by National Certified Testing Laboratories, Inc., Test Report No. **NCTL-210-3869-1A**, dated 03/25/13, signed and sealed by Gerald J. Ferrara, P.E.
(Submitted under previous NOA No. 13-0815.06)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-5th Edition (2014)**, dated 06/09/15, prepared, signed and sealed by Luis R. Lomas, P.E.
2. Glazing complies with **ASTM E1300-04/09**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** for their "**SentryGlas® (Clear and White) Glass Interlayers**" dated 06/25/15, expiring on 07/04/18.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0715.06
Expiration Date: April 03, 2019
Approval Date: July 07, 2016

WinDoor, Inc.

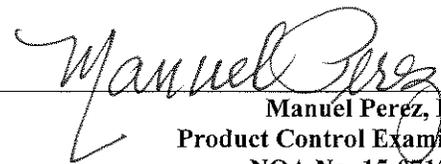
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-5th Edition (2014)**, and of no financial interest, dated June 9, 2015, issued, signed and sealed by Luis R. Lomas, P.E.
2. Laboratory compliance letter for Test Report No. **NCTL-210-3869-1A**, issued by National Certified Testing Laboratories, Inc., dated 03/25/13, signed and sealed by Gerard J. Ferrara, P.E.

G. OTHERS

1. Notice of Acceptance No. **13-0815.06**, issued to WinDoor, Inc. for their Series "4030-HVHZ" Aluminum Window Wall Window System w/Single Hung Window - L.M.I. approved on 04/03/14 and expiring on 04/03/19.



Manuel Perez, P.E.
Product Control Examiner
NOA No. 15-0715.06

Expiration Date: April 03, 2019
Approval Date: July 07, 2016

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2014 FLORIDA BUILDING CODE 5th. EDITION INCLUDING THE HVHZ.
2. WOOD FRAMING AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. 1X BUCK OVER MASONRY/CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. ALLOWABLE STRESS INCREASE OF 1/3 WAS NOT USED IN THE DESIGN OF THE PRODUCT SHOWN HEREIN. WIND LOAD DURATION FACTOR $C_d=1.6$ WAS USED FOR WOOD ANCHOR CALCULATIONS (WOOD TO WOOD ONLY PER NDS 2005).
5. FRAME MATERIAL: ALUMINUM 6063-T6
6. UNITS MUST BE GLAZED PER ASTM E1300-04/09, SEE SHEET 3 FOR GLASS DETAILS.
7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
8. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
9. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #14 CUT-THREAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 7/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
10. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" ELCO CRETE-FLEX TAPCONS 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.
11. FOR ANCHORING INTO METAL STRUCTURE USE ALL #14 GRADE 5 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
12. FOR ANCHORING INTO ALUMINUM STRUCTURE USE ALL #14 GRADE 5 SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
13. ALL FASTENERS TO BE CORROSION RESISTANT.
14. 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-90-11b, NORMAL WEIGHT WITH MINIMUM 1,900 PSI STRENGTH, MORTAR "N" PER ASTM C270-12, ASTM C1384-06a AND ASTM C1714-10, GRADE N, TYPE 1 (OR GREATER).
 - D. METAL STRUCTURE: STEEL 16GA, (.0635" OR 63.5MIL) PER AISC & AISI 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD. COMMENTS	02/20/14	R.L.
B	REVISED PER NEW STANDARDS	07/07/15	R.L.

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SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATIONS
3 - 4	CROSS SECTIONS
5 - 8	INSTALLATION DETAILS
9	COMPONENTS

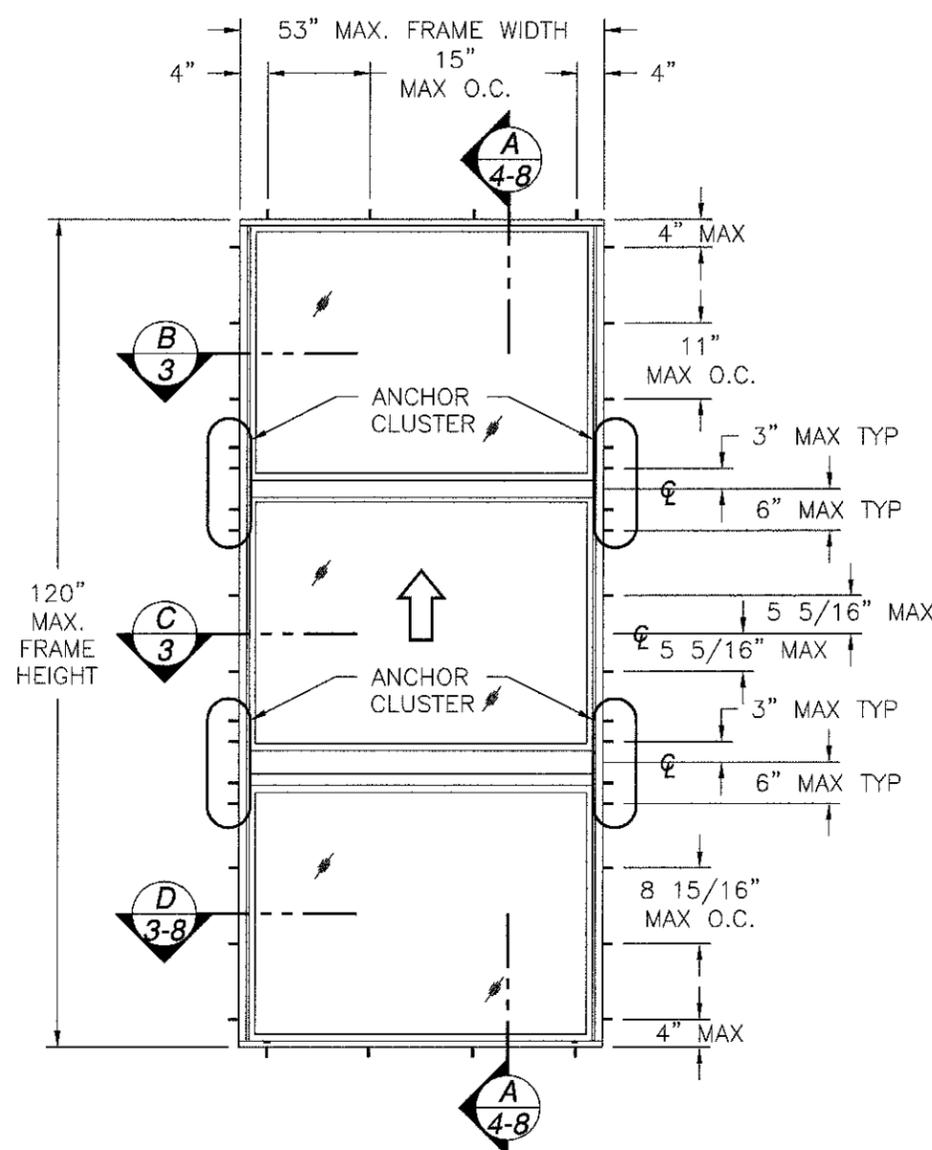
PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 15-0715.06 Expiration Date April 3, 2019 By <i>Manuel Perez</i> Miami/Dade Product Control	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
	4030 ALUMINUM WINDOW WALL LARGE MISSILE IMPACT - HVHZ NOTES	
DRAWN: V.L.	DWG NO. 08-02138	REV B
SCALE NTS	DATE 07/17/13	SHEET 1 OF 9

SIGNED: 06/22/2016

REVISIONS			
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A	REVISED PER MD. COMMENTS	02/20/14	R.L.
B	REVISED PER NEW STANDARDS	07/07/15	R.L.

NOTES:

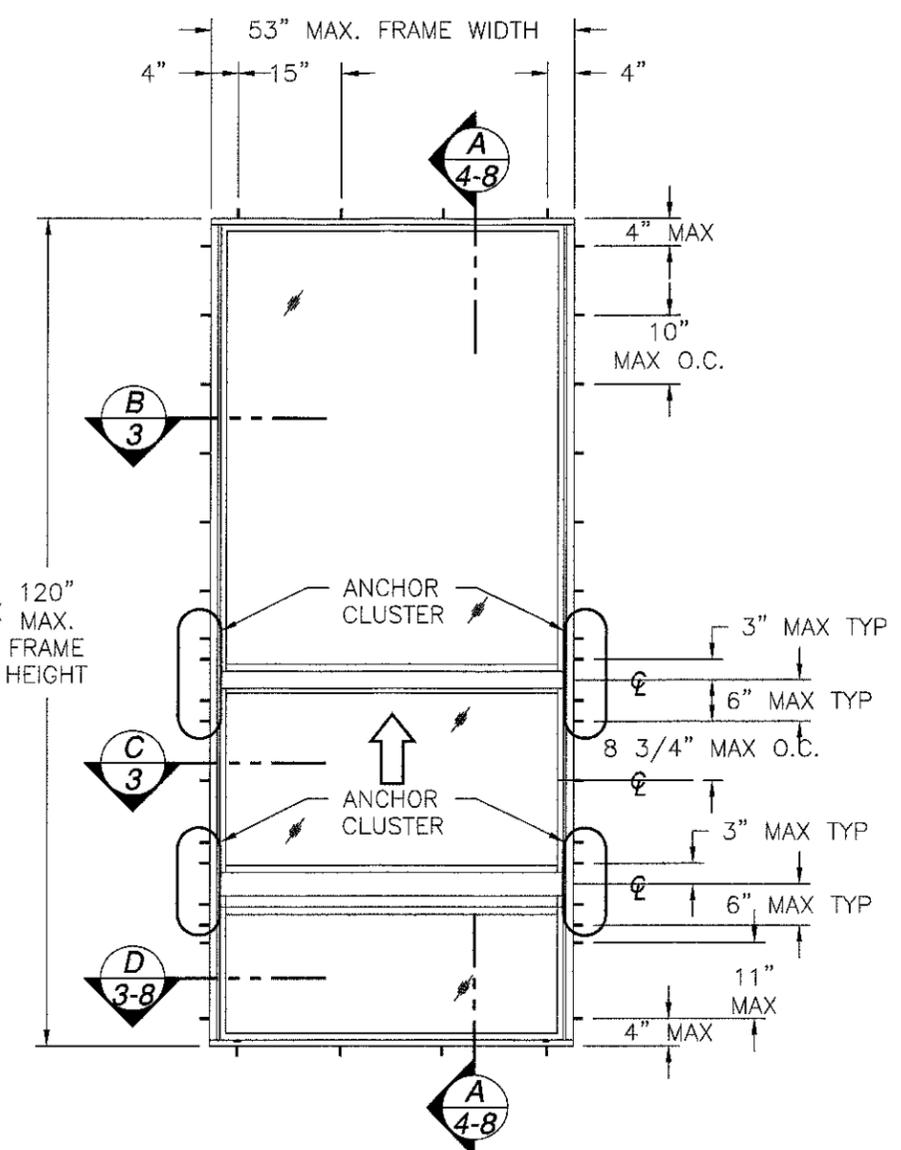
1. EQUAL LITE SINGLE HUNG SASH DLO: 48 1/4" X 34 31/32"
2. EQUAL LITE SINGLE HUNG FIXED LITE DLO: 48 1/4" X 34 31/32"
3. EQUAL LITE FIXED LITE DLO: 48 1/4" X 35"
4. ORIEL SINGLE HUNG SASH DLO: 48 1/4" X 20 11/16"
5. ORIEL SINGLE HUNG FIXED LITE DLO: 48 1/4" X 64"
6. ORIEL FIXED LITE DLO: 48 1/4" X 20 5/16"
7. WEEP HOLES CUT OUTS ARE LOCATED AT EACH CORNER OF SILL FACE.



4030 ALUMINUM WINDOW WALL EQUAL LITE
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±112.6PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ FOR WOOD INSTALLATION



4030 ALUMINUM WINDOW WALL - ORIEL
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
±105.7PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ FOR WOOD INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
+120.0/-150.0PSF	LARGE MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4 AND HVHZ FOR MASONRY/CONCRETE AND METAL INSTALLATION

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 Acceptance No. 15-0715.06
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 By *Manuel Perez*
 Miami Dade Product Control

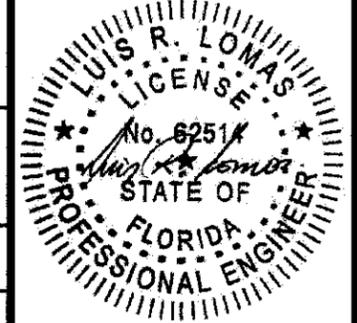
WinDoor INCORPORATED
 7500 AMSTERDAM DRIVE
 ORLANDO, FL 32832
 Phone: 407.481.8400
 Fax: 407.481.0505
 www.windoorinc.com

4030 ALUMINUM WINDOW WALL
 LARGE MISSILE IMPACT - HVHZ
 ELEVATIONS

DRAWN: V.L.	DWG NO. 08-02138	REV B
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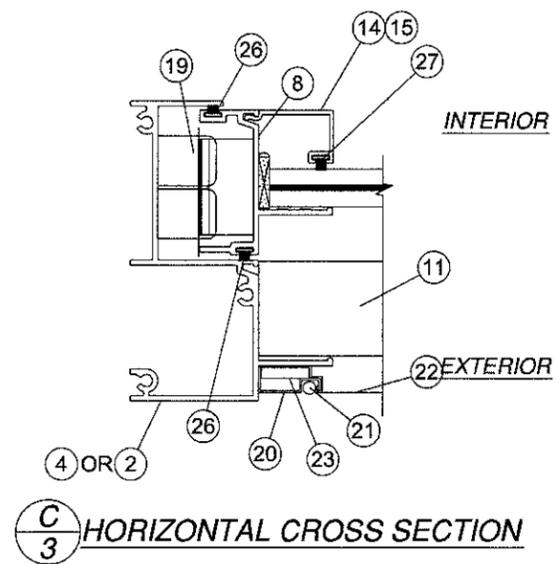
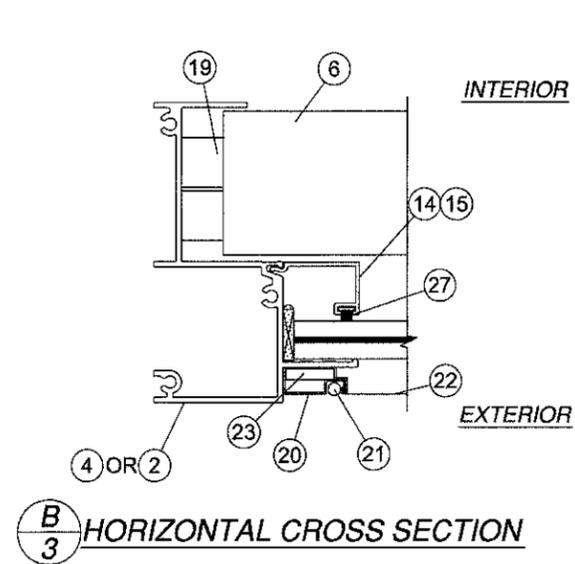
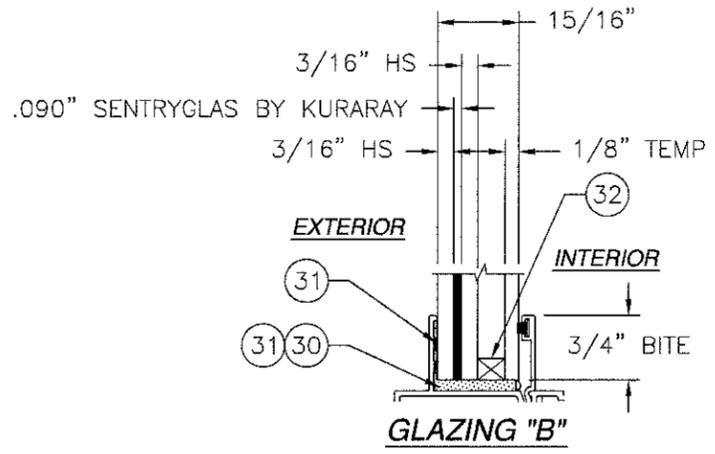
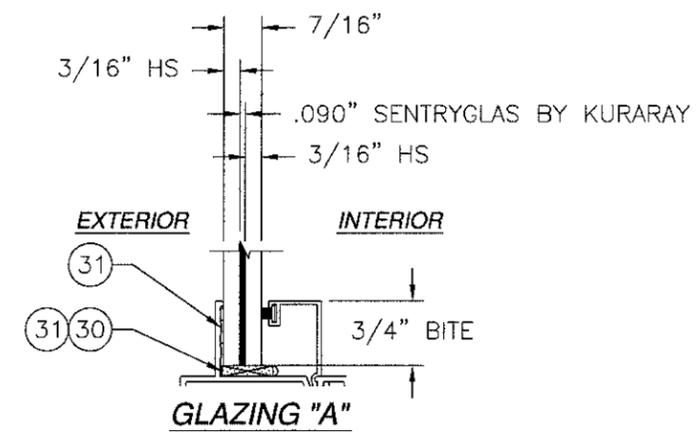
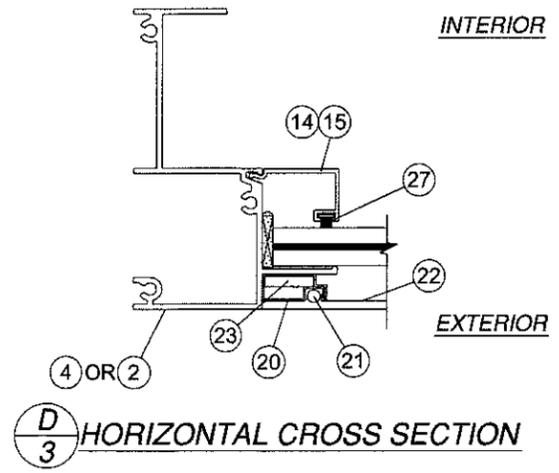
SCALE NTS DATE 07/17/13 SHEET 2 OF 9

SIGNED: 06/22/2016



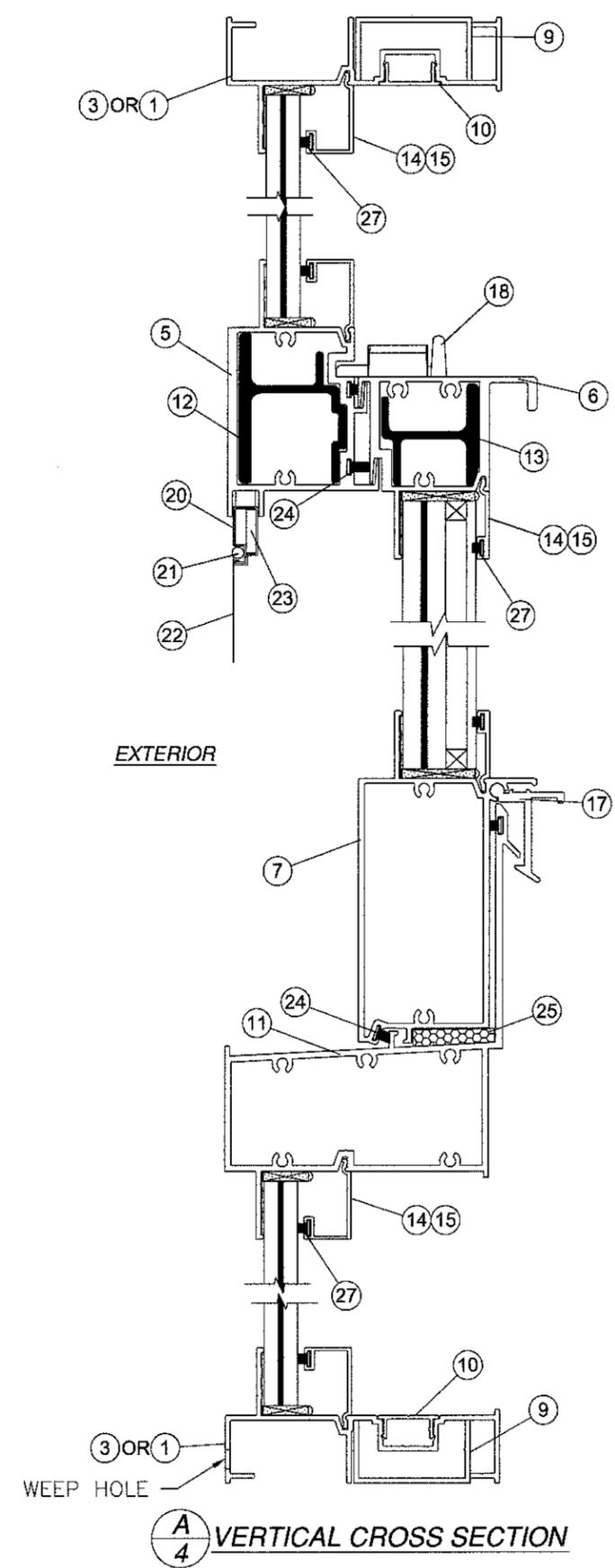
BILL OF MATERIALS				
ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	FS-07419	FRAME HEAD & SILL EQUAL LEG	KEYMARK	ALUMINUM 6063-T6
2	FS-06614	FRAME JAMB EQUAL LEG	KEYMARK	ALUMINUM 6063-T6
3	FS-07418	FRAME HEAD & SILL FLANGE	KEYMARK	ALUMINUM 6063-T6
4	FS-06663	FRAME JAMB FLANGE	KEYMARK	ALUMINUM 6063-T6
5	FH-06615	FIXED MEETING RAIL	KEYMARK	ALUMINUM 6063-T6
6	FH-06616	MEETING RAIL	KEYMARK	ALUMINUM 6063-T6
7	FH-07734	SASH BOTTOM RAIL	KEYMARK	ALUMINUM 6063-T6
8	FS-06618	SASH JAMB	KEYMARK	ALUMINUM 6063-T6
9	FS-06671	HEAD FILLER	KEYMARK	ALUMINUM 6063-T6
10	FS-04501	JAMB TRACK RECESSED COVER	KEYMARK	ALUMINUM 6063-T6
11	FH-06669	HORIZONTAL IMPOST	KEYMARK	ALUMINUM 6063-T6
12	FH-07492	FIXED MEETING RAIL REINFORCEMENT	KEYMARK	ALUMINUM 6063-T6
13	FH-07493	SASH MEETING RAIL REINFORCEMENT	KEYMARK	ALUMINUM 6063-T6
14	FS-06667	7/16" GLASS STOP	KEYMARK	ALUMINUM 6063-T6
15	FS-07353	1" GLASS STOP	KEYMARK	ALUMINUM 6063-T6
16		NOT USED		
17	FS-07327	SILL SNAP LOCK	KEYMARK	ALUMINUM 6063-T6
18	H4000-BL-SL202	SASH LOCK	SULLIVAN & ASSOC.	ALUMINUM 6063-T6
19		SPIRAL OR BLOCK & TACKLE BALANCES	CALDWELL	
20	S4000-XX-150	SCREEN HEAD, JAMB & SILL	ROLLFORM	ALUMINUM 6063-T6
21	S10010-BL-2200R	SCREEN SPLINE	TEAM PLASTICS	VINYL
22	SBV-XX-0600Z	SCREEN CLOTH	PHIFER	FIBERGLASS
23	S4080-ML-FB11	SCREEN CORNER KEY	SELJAN	NYLON
24	122003	.187x.350 ULTRAFAB FINSEAL	ULTRAFAB	
25	W4000-BL-SCE42	1.3x1.75x.375 CLOSED CELL FOAM PAD	FRANK LOWE	NEOPRENE
26	122001	.187x.220 ULTRAFAB FINSEAL	ULTRAFAB	
27	4000SH-BL-TP-1104	GLASS STOP VINYL	TEAM PLASTICS	VINYL
28	131096	#6x3/4" FH PHILLIPS SMS SCREW		STAINLESS STEEL
29	131014	#8x1" SQ DRIVE PH SMS SCREW		STAINLESS STEEL
30	121104	GLASS SHIM	FRANK LOWE	85 DUROMETER
31	SIKA 553	SEALANT	SIKA	URETHANE
32		3/8 SPACER	HELIMA	ALUMINUM AW3000FF

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD. COMMENTS	02/20/14	R.L.
B	REVISED PER NEW STANDARDS	07/07/15	R.L.

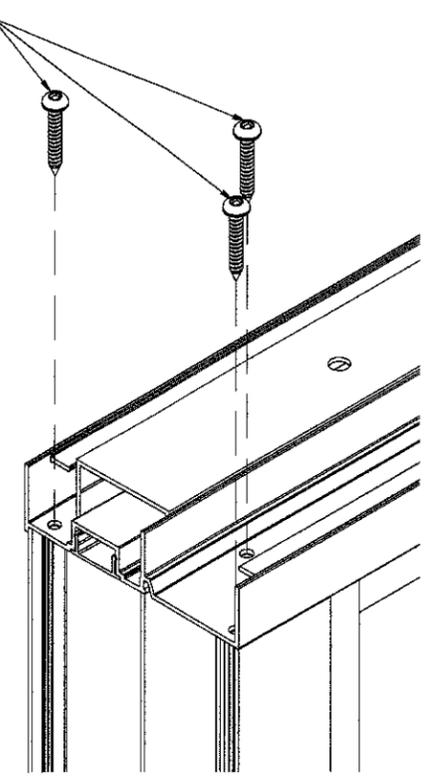


PRODUCT REVISED as complying with the Florida Building Code Acceptance No 15-0715.06 Expiration Date April 3, 2019 By <i>Manuel Perez</i> Miami Dade Product Control	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	SIGNED: 06/22/2016
	4030 ALUMINUM WINDOW WALL LARGE MISSILE IMPACT - HVHZ B.O.M., CROSS SECTIONS & GLAZING DETAILS	
DRAWN: V.L.	DWG NO. 08-02138	REV B
SCALE NTS	DATE 07/17/13	SHEET 3 OF 9

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#8 X 3/4" GRADE 5 SMS OR SELF DRILLING SCREW

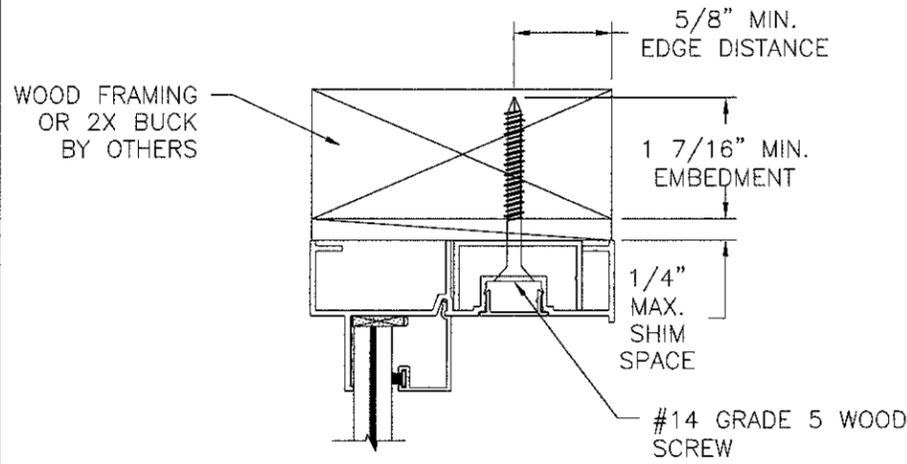


CORNER DETAIL

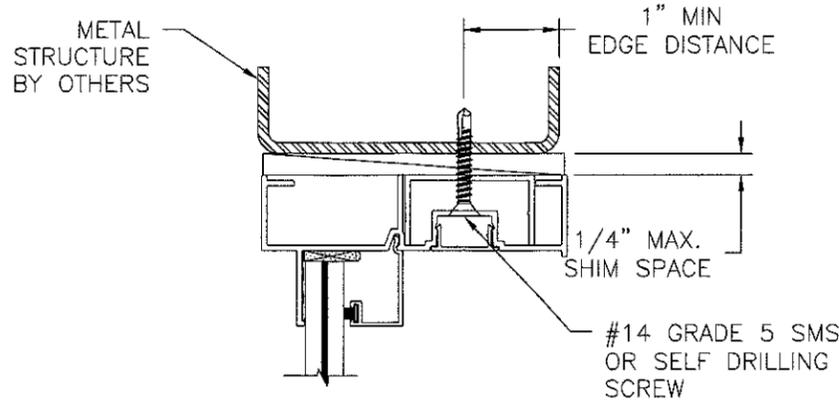
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	4030 ALUMINUM WINDOW WALL LARGE MISSILE IMPACT - HVHZ VERTICAL CROSS SECTION	
DRAWN: V.L.	DWG NO. 08-02138	REV B
SCALE NTS	DATE 07/17/13	SHEET 4 OF 9

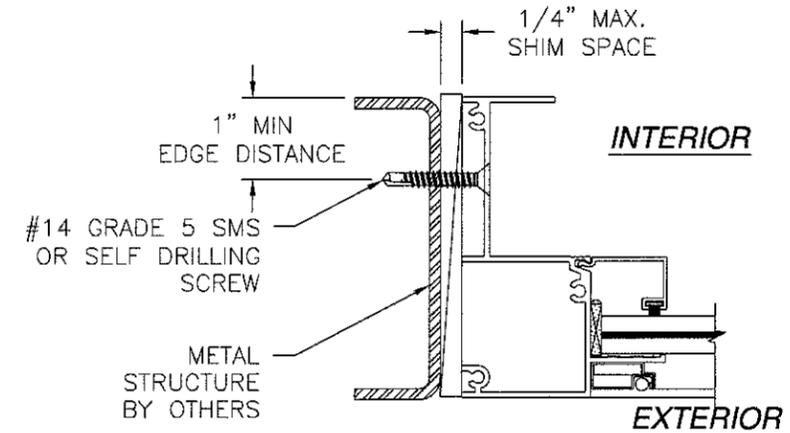
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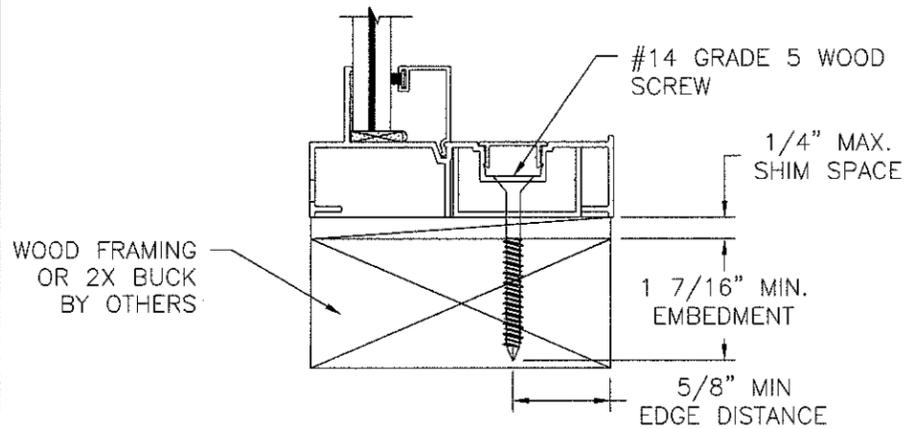
EXTERIOR INTERIOR



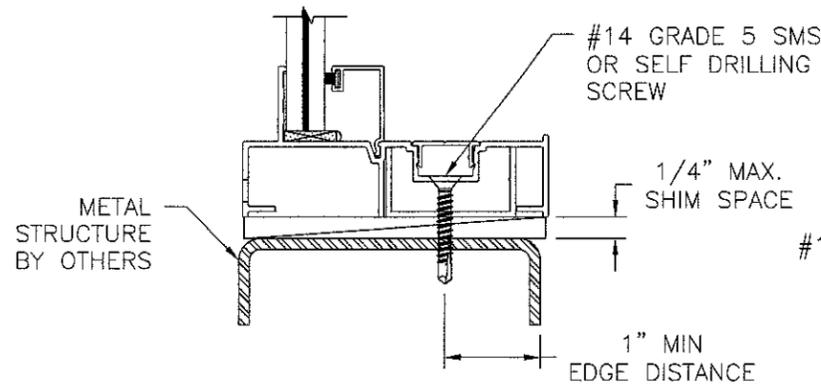
EXTERIOR INTERIOR



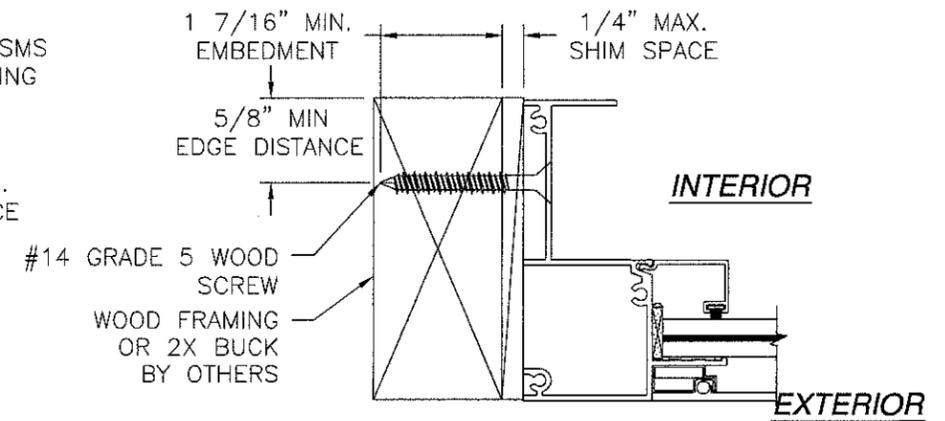
D/**5** JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
FIXED WINDOW SHOWN OTHERS SIMILAR



A/**5** VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



A/**5** VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



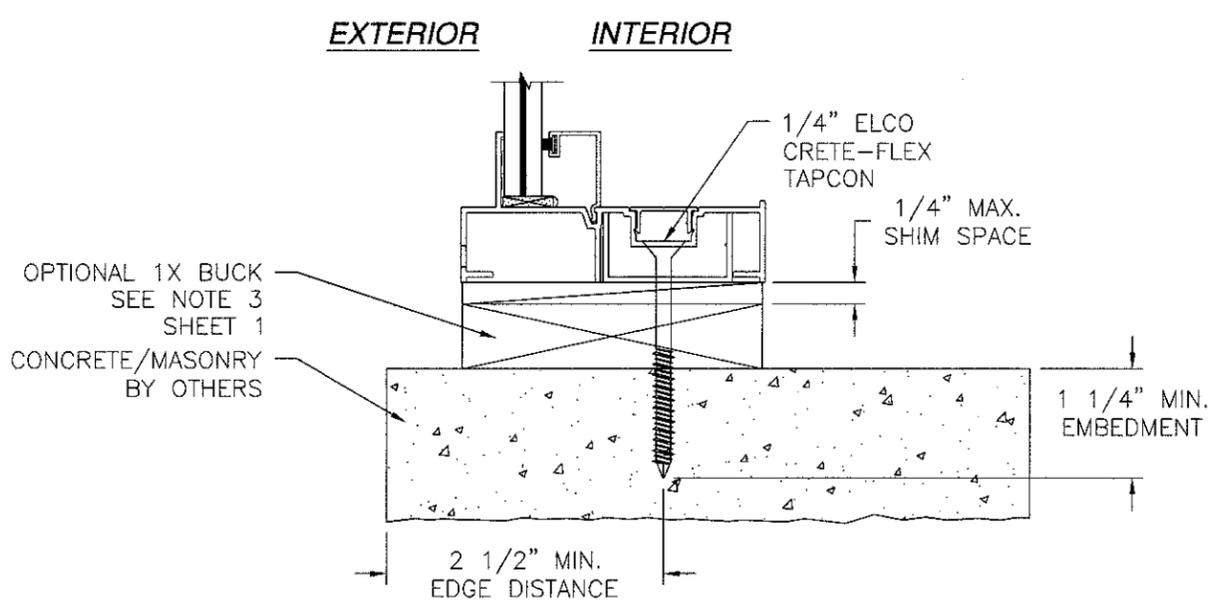
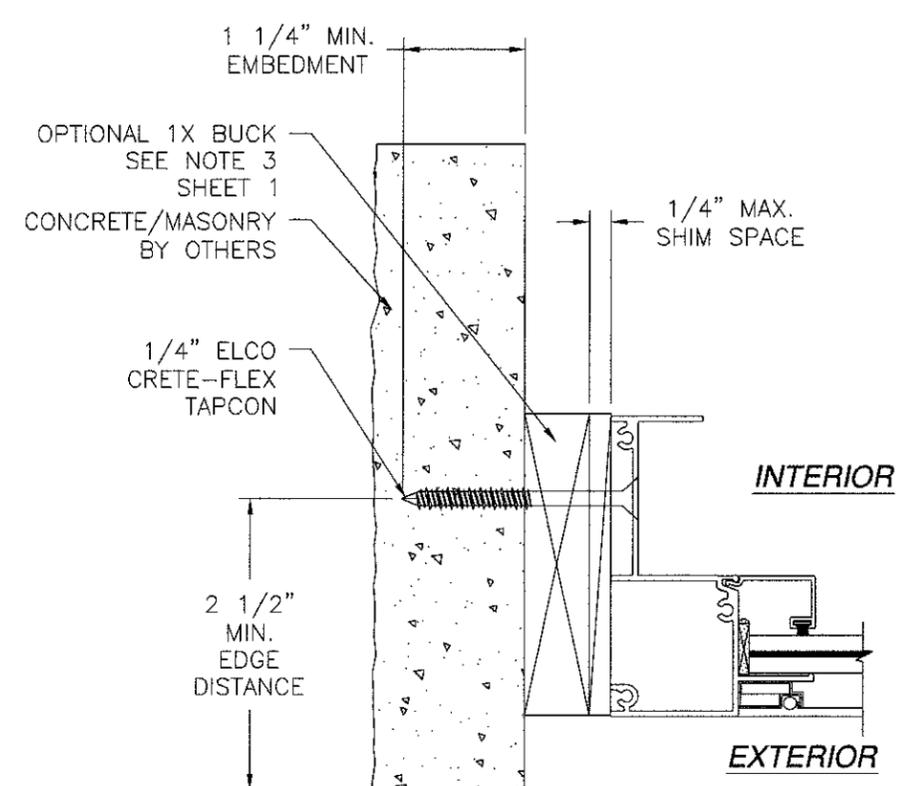
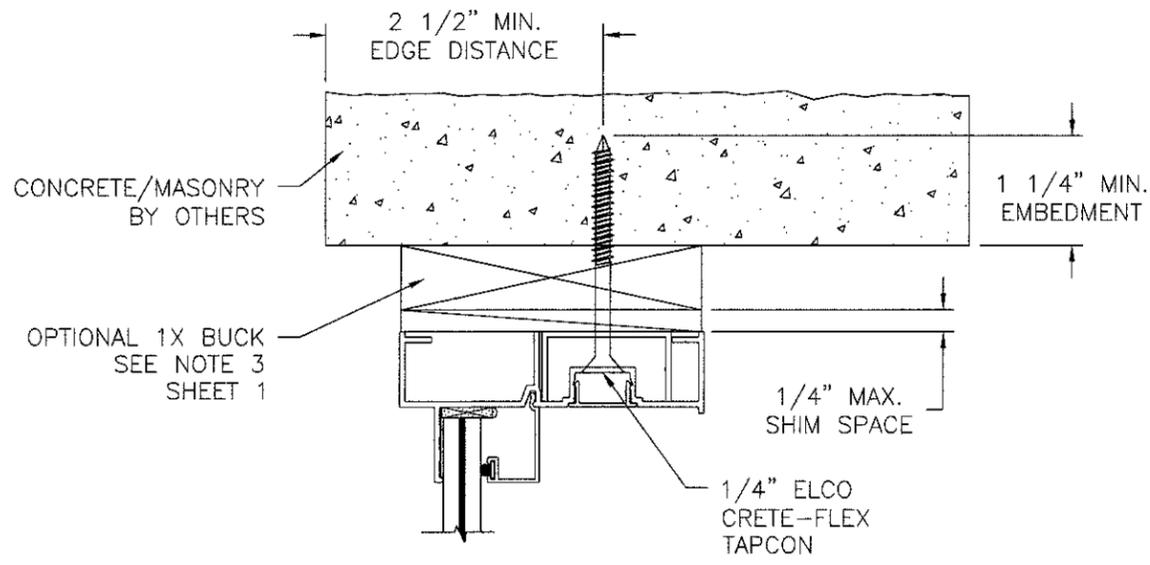
D/**5** JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION
FIXED WINDOW SHOWN OTHERS SIMILAR

NOTE:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

SIGNED: 06/22/2016

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 15-0715.06 Expiration Date April 13, 2019 By <i>Wanda Perez</i> Miami Dade Product Control	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
	4030 ALUMINUM WINDOW WALL LARGE MISSILE IMPACT - HVHZ INSTALLATION DETAILS	
DRAWN: V.L.	DWG. NO. 08-02138	REV B
SCALE NTS	DATE 07/17/13	SHEET 5 OF 9

REVISIONS			
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D
6 **JAMB INSTALLATION DETAIL**
CONCRETE/MASONRY INSTALLATION
FIXED WINDOW SHOWN OTHERS SIMILAR

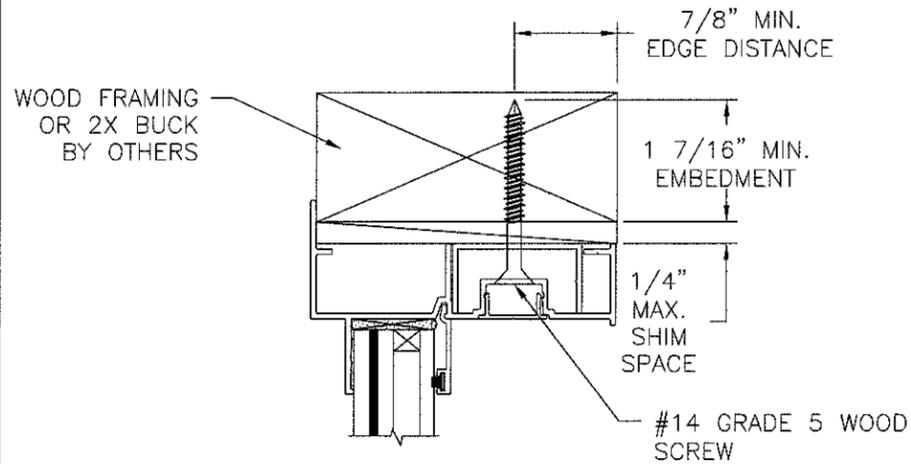
A
6 **VERTICAL CROSS SECTION**
CONCRETE/MASONRY INSTALLATION

NOTE:
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2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

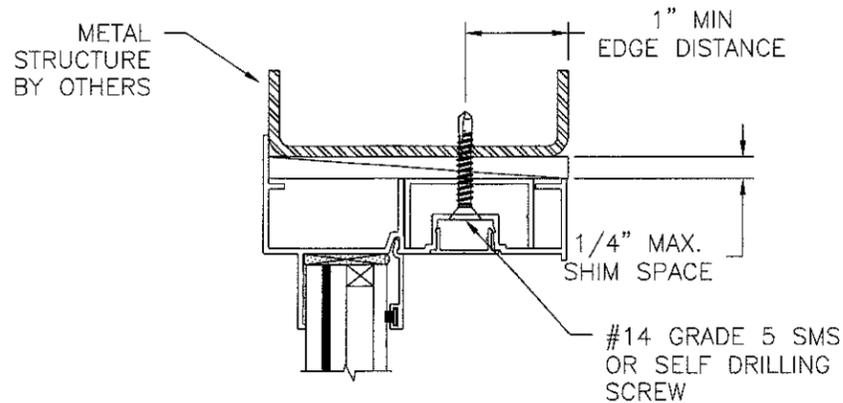
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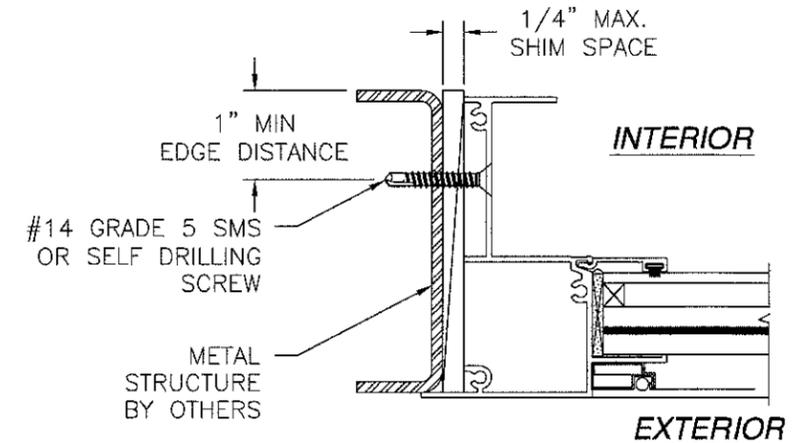
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A	REVISED PER MD. COMMENTS	02/20/14	R.L.
B	REVISED PER NEW STANDARDS	07/07/15	R.L.



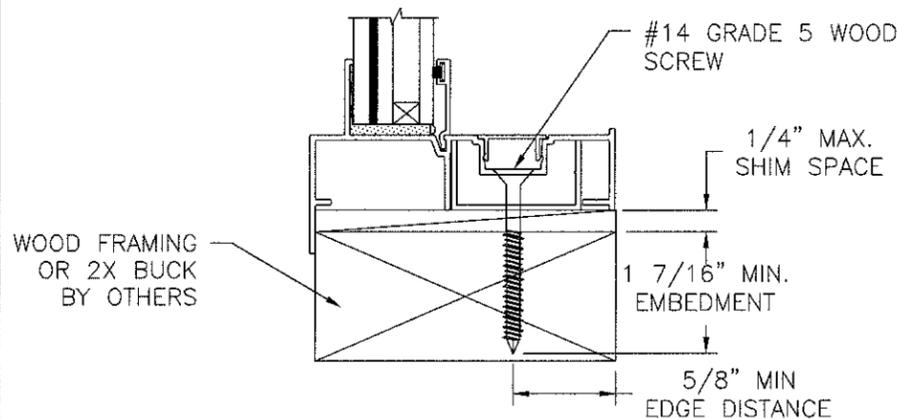
EXTERIOR INTERIOR



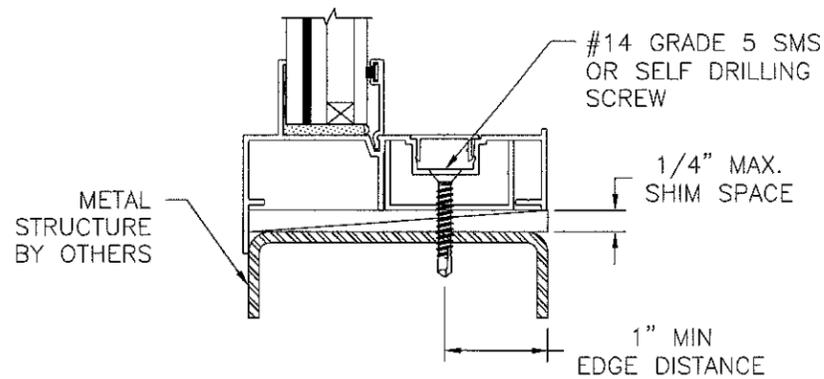
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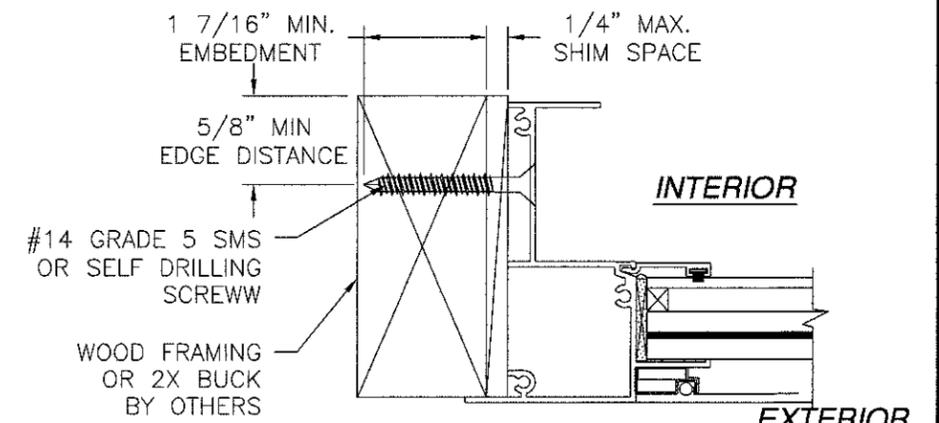
D
7 JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION
FIXED WINDOW SHOWN OTHERS SIMILAR



A
7 VERTICAL CROSS SECTION
WOOD FRAMING OR 2X BUCK INSTALLATION



A
7 VERTICAL CROSS SECTION
METAL STRUCTURE INSTALLATION



D
7 JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION
FIXED WINDOW SHOWN OTHERS SIMILAR

NOTE:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS,
NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE
DESIGNED IN ACCORDANCE WITH ASTM E2112

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 15-0715.06
Expiration Date April 15, 2019
By *Manuel Frey*
Miami Dade Product Control

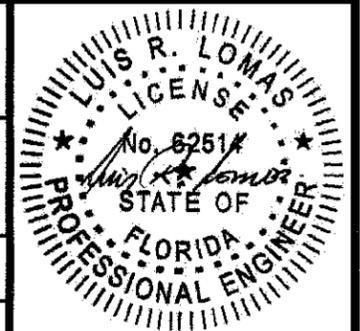
WinDoor
INCORPORATED

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

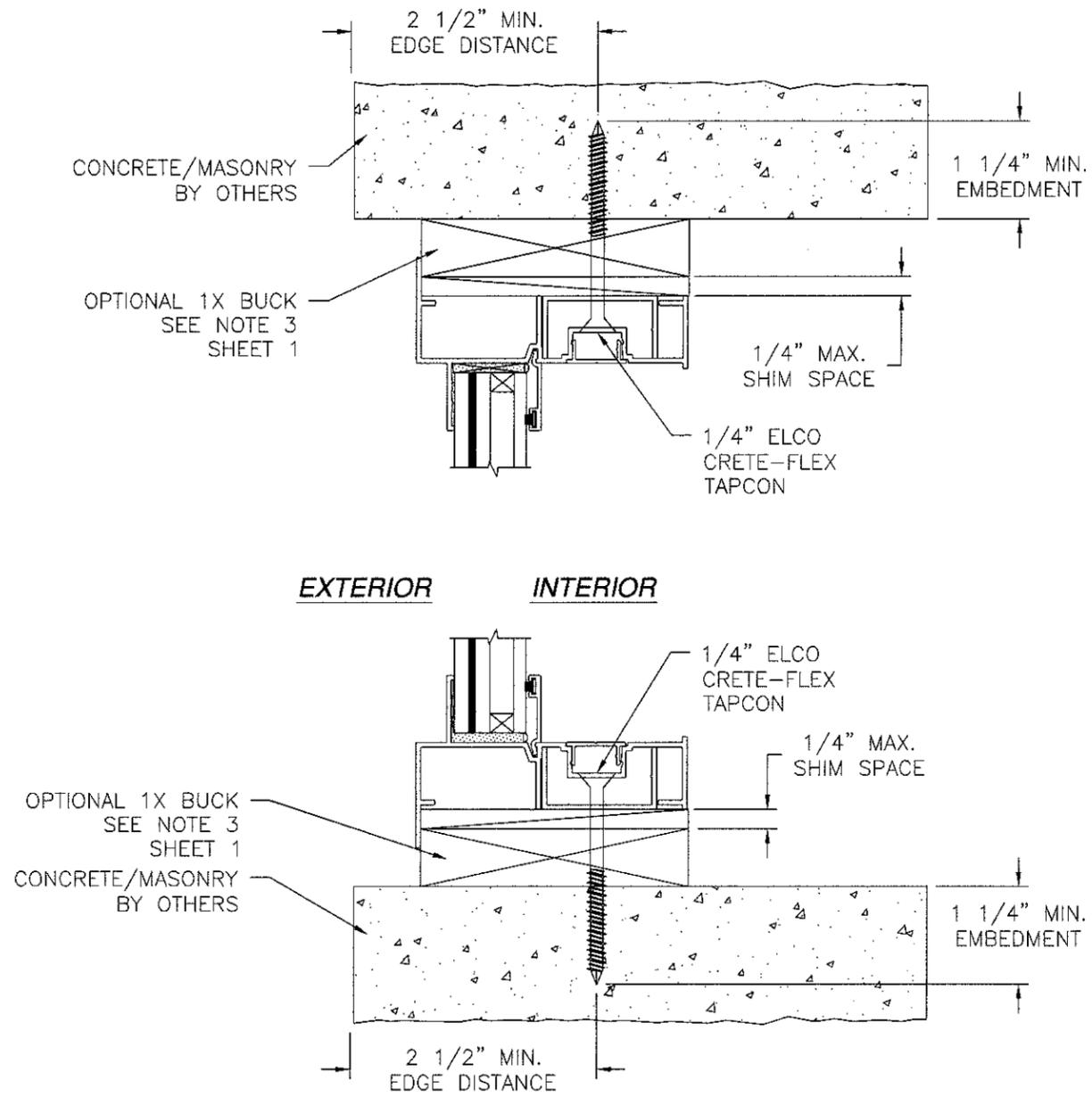
4030 ALUMINUM WINDOW WALL
LARGE MISSILE IMPACT - HVHZ
FLANGE INSTALLATION DETAILS

DRAWN: V.L.	DWG NO. 08-02138	REV B
SCALE NTS	DATE 07/17/13	SHEET 7 OF 9

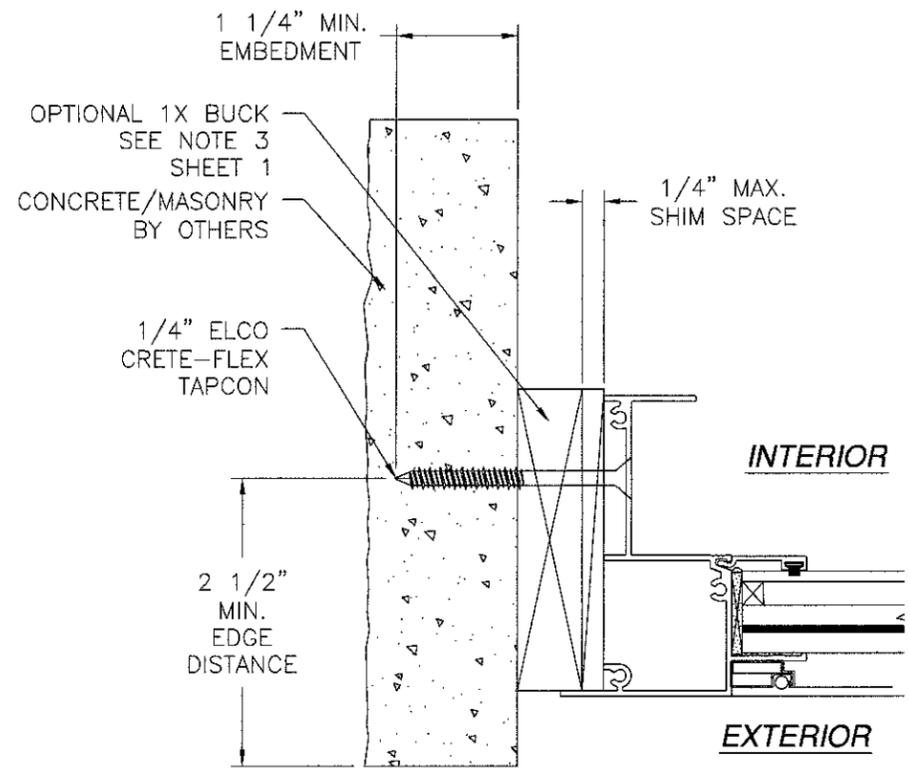
SIGNED: 06/22/2016



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD. COMMENTS	02/20/14	R.L.
B	REVISED PER NEW STANDARDS	07/07/15	R.L.



A
8
VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION

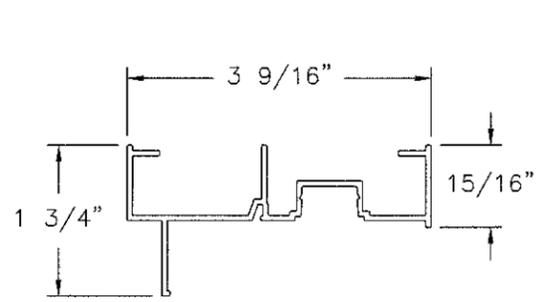


D
8
JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION
FIXED WINDOW SHOWN OTHERS SIMILAR

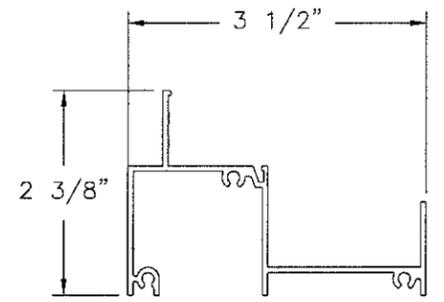
NOTE:
1. INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT SHOWN FOR CLARITY.
2. PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED IN ACCORDANCE WITH ASTM E2112

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 15-0715.06 Expiration Date April 3, 2019 By <i>Manuel Perez</i> Miami Dade Product Control	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	SIGNED: 06/22/2016
	4030 ALUMINUM WINDOW WALL LARGE MISSILE IMPACT - HVHZ FLANGE INSTALLATION DETAILS	
DRAWN: V.L.	DWG NO. 08-02138	REV B
SCALE NTS	DATE 07/17/13	SHEET 8 OF 9

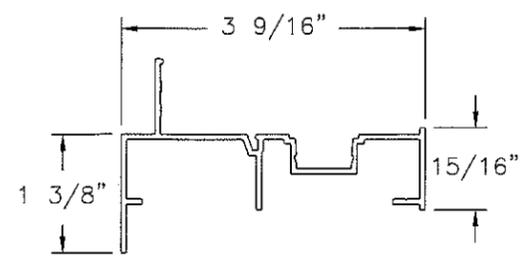
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD. COMMENTS	02/20/14	R.L.
B	REVISED PER NEW STANDARDS	07/07/15	R.L.



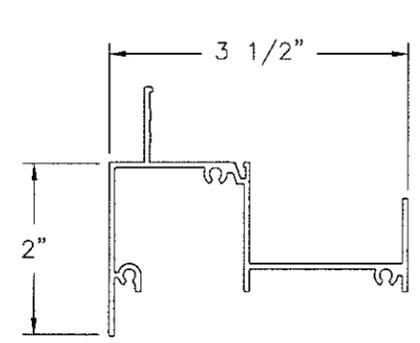
① **FRAME HEAD - EQ LEG W/ CHANNEL**
ALUMINUM 6063-T6 .062" THICK



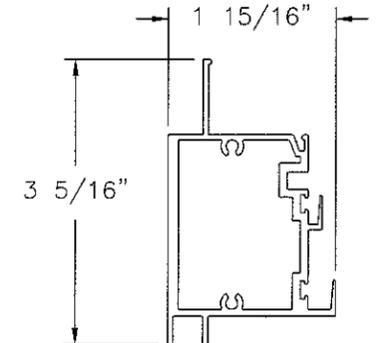
② **FRAME JAMB - EQ LEG**
ALUMINUM 6063-T6 .062" THICK



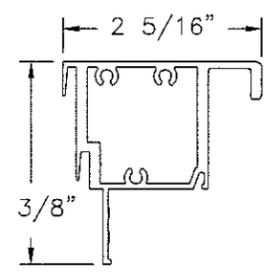
③ **FRAME HEAD FLANGE W/ CHANNEL**
ALUMINUM 6063-T6 .062" THICK



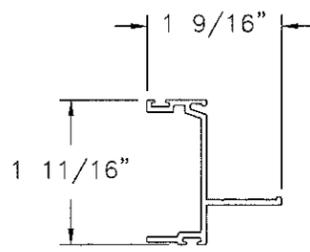
④ **FRAME JAMB FLANGE**
ALUMINUM 6063-T6 .062" THICK



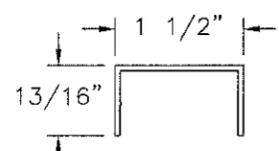
⑤ **FIXED MEETING RAIL**
ALUMINUM 6063-T6 .062" THICK



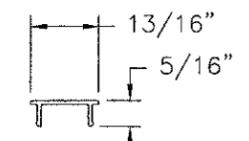
⑥ **MEETING RAIL**
ALUMINUM 6063-T6 .062" THICK



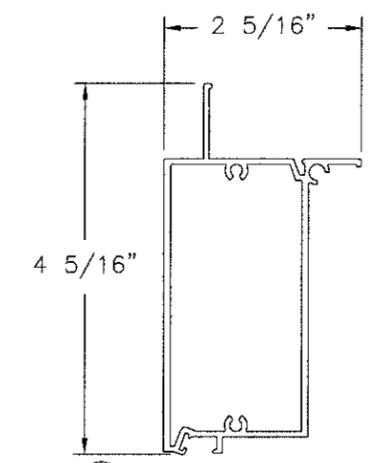
⑧ **SASH JAMB**
ALUMINUM 6063-T6 .070" THICK



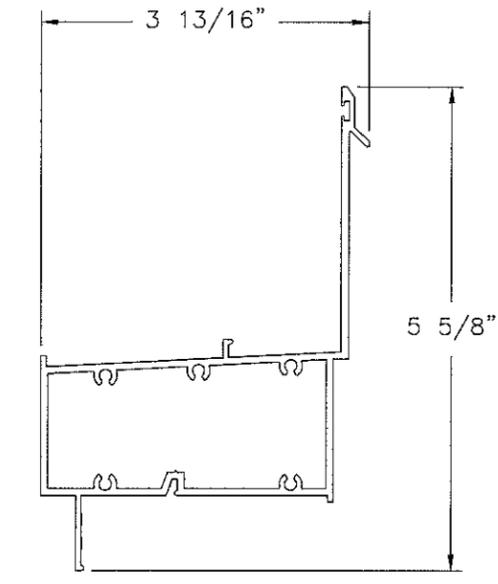
⑨ **HEAD FILLER**
ALUMINUM 6063-T6 .062" THICK



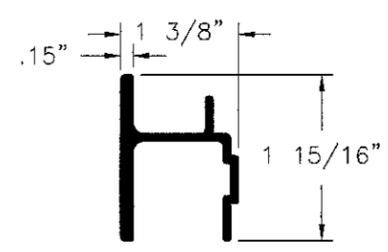
⑩ **JAMB TRACK COVER**
ALUMINUM 6063-T6 .040" THICK



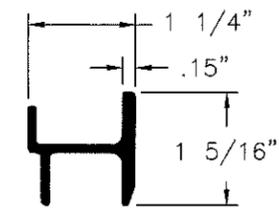
⑦ **BOTTOM RAIL**
ALUMINUM 6063-T6 .062" THICK



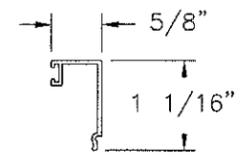
⑪ **HORIZONTAL IMPOST**
ALUMINUM 6063-T6 .080" THICK



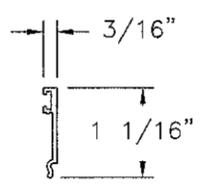
⑫ **FIXED RAIL REINFORCEMENT**
ALUMINUM 6063-T6 .090" THICK



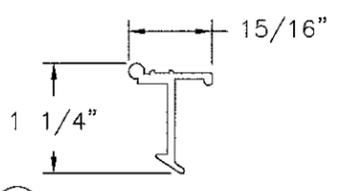
⑬ **SASH RAIL REINFORCEMENT**
ALUMINUM 6063-T6 .090" THICK



⑭ **7/16" GLASS STOP**
ALUMINUM 6063-T6 .040" THICK



⑮ **1" GLASS STOP**
ALUMINUM 6063-T6 .050" THICK



⑰ **SILL SNAP LOCK**
ALUMINUM 6063-T6 .090" THICK

PRODUCT REVISED
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Acceptance No. 15-0715.06
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By *Manuel Diaz*
Miami Dade Product Control

WinDoor
INCORPORATED

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4030 ALUMINUM WINDOW WALL
LARGE MISSILE IMPACT - HVHZ
COMPONENTS

DRAWN: V.L.	DWG. NO. 08-02138	REV B
SCALE NTS	DATE 07/17/13	SHEET 9 OF 9

SIGNED: 06/22/2016

