



MIAMI-DADE COUNTY
BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
 11805 SW 26 Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/building

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 BNC-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. BNC 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 "V-600/ V-630 Single and Field Muller" White PVC Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. **08-01124**, titled "Series V-600/ V-630 PVC Single and Field Muller Fixed Window - LMI", sheets 1 through 11 of 11, dated 11/08/10, with the latest revision "A", dated 02/11/11, prepared by manufacturer, signed and sealed by Luis R. Lomas, P. E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval 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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J Gascon
 5/5/11

NOA No. 10-1223.01
 Expiration Date: May 12, 2016
 Approval Date: May 12, 2011
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **08-01124**, Sheets 1 through 11 of 11, titled "Series V-600/ V-630 PVC Single and Field Muller Fixed Window - LMI", dated 11/08/10, with the latest revision "A", dated 02/11/11, 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
along with marked-up drawings and installation diagram of series V-630 vinyl picture windows, prepared by National Certified Testing Laboratories, Test Reports No.'s **NCTL-210-3675-5** and **NCTL-210-3675-6**, dated 04/07 and 08/11/10, both signed and sealed by Gerard J. Ferrara, P. E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 11/08/10, prepared, signed and sealed by Luis R. Lomas, P. E.
Complies with ASTM E1300-04

D. QUALITY ASSURANCE

1. Miami-Dade Building and Neighborhood Compliance Department (BNC).

E. MATERIAL CERTIFICATIONS

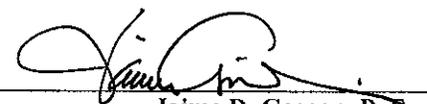
1. Notice of Acceptance No. **10-0413.04** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/26/2010, expiring on 01/14/12.
2. Notice of Acceptance No. **08-0620.10** issued to VEKA, Inc. for "**PVC Extrusion for Assembled Doors & Windows**" dated 08/07/08, expiring on 03/04/12.

F. STATEMENTS

2. Statement letter of conformance, no financial interest and compliance with the FBC-2007, dated November 08, 2010, signed and sealed by Luis R. Lomas, P. E.
3. Laboratory compliance letter for Test Reports No.'s **NCTL-210-3675-5** and **NCTL-210-3675-6**, issued by National Certified Testing Laboratories, dated 08/12/10, both signed and sealed by Gerard J. Ferrara, P. E.
4. Proposal No. **10-0620** issued by BCCO, dated February 04, 2010, signed by Manuel Perez, P. E.

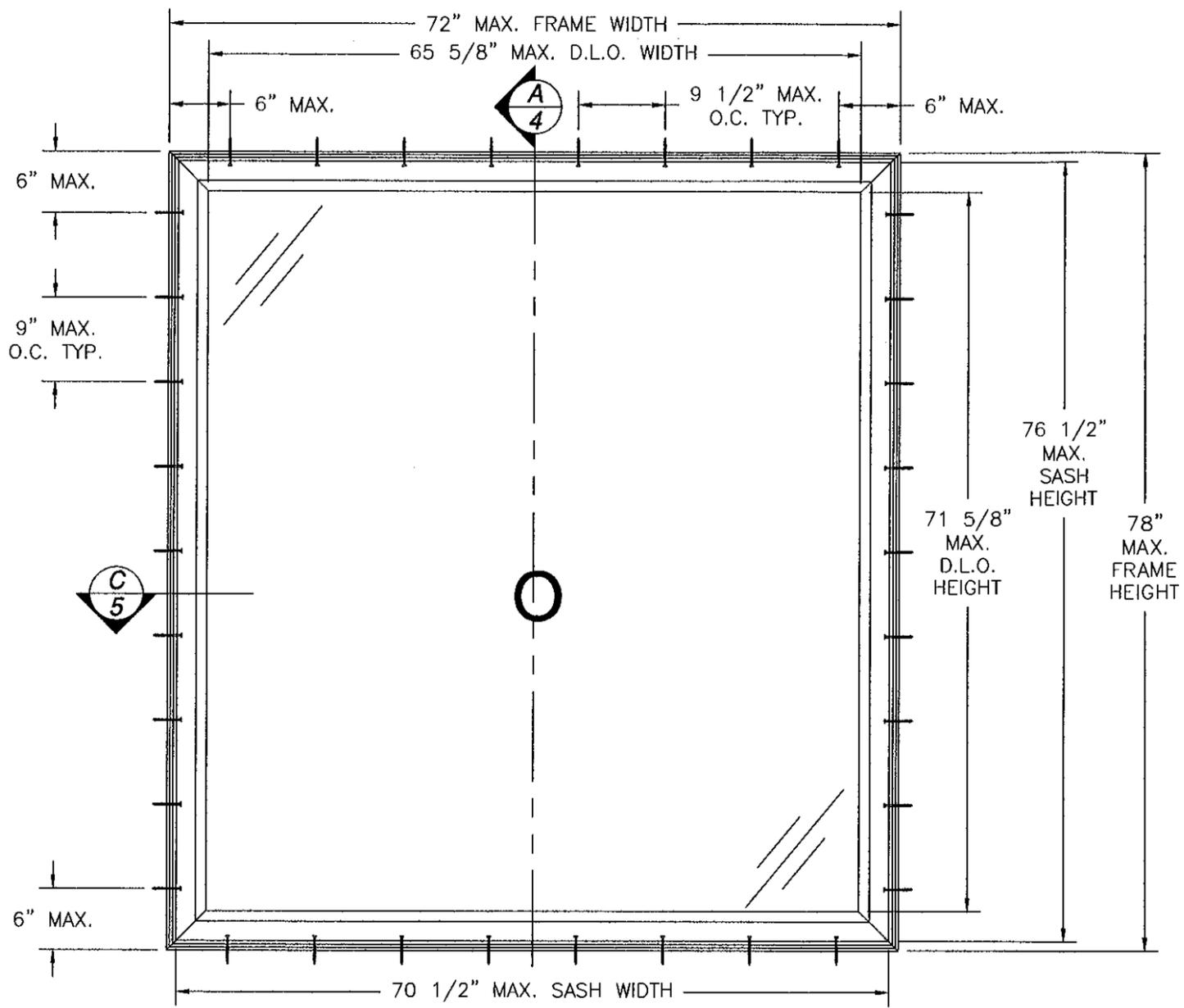
G. OTHERS

1. None.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 10-1223.01
Expiration Date: May 12, 2016
Approval Date: May 12, 2011

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE CO. LETTER DATED 1/07/11	02/11/11	R.L.



SERIES V-630 WHITE PVC SINGLE FIXED CASEMENT WINDOW
EXTERIOR VIEW

DESIGN PRESSURE RATING	IMPACT RATING
+80.0 PSF -130.0 PSF	LARGE MISSILE IMPACT

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
- 2) WOOD FRAMING, 2X BACKED STEEL 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. SEPARATION OF DISSIMILAR MATERIALS 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 Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 5) FRAME MATERIAL: EXTRUDED RIGID WHITE PVC .071" THICK.
SASH MATERIAL: EXTRUDED RIGID WHITE PVC .075" THICK.
- 6) UNITS MUST BE GLAZED PER ASTM E1300. SEE SHEET 5 FOR GLAZING DETAIL.
- 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 WINDOW FRAME INTO MASONRY/CONCRETE USE 3/16" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 5/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 10) FOR ANCHORING WINDOW FRAME INTO 2X WOOD FRAMING, 2X BUCK OR 2X BACKED 20GA. STEEL FRAMING USE #10 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 11) FOR ATTACHING WINDOW UNITS TO MULLION USE #10 SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF THREE THREADS PAST THE MULLION WALL. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 12) ALL FASTENERS TO BE STAINLESS STEEL OR CORROSION RESISTANT.
- 13) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, GRADE N, TYPE 1 (OR GREATER).
D. STEEL FRAMING: 2X BACKED 20GA. (.036" MIN.) STEEL FRAMING.
- 14) SERIES V-600 IS OPERABLE CASEMENT AND SERIES V-630 IS FIXED CASEMENT. SEE CROSS SECTIONS SHEETS 4 AND 5.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1 - 3	ELEVATION, ANCHORING LAYOUT AND NOTES
4	BILL OF MATERIALS AND CROSS SECTIONS
5	CROSS SECTIONS, CORNER AND GLAZING DETAILS
6 - 9	INSTALLATION DETAILS
10	COMPONENTS
11	HARDWARE LAYOUT

Approved as complying with the Florida Building Code
Date 05/12/2011
NOA# 10-1223.01
Miami Date Product Control
By *[Signature]*

WinDoor
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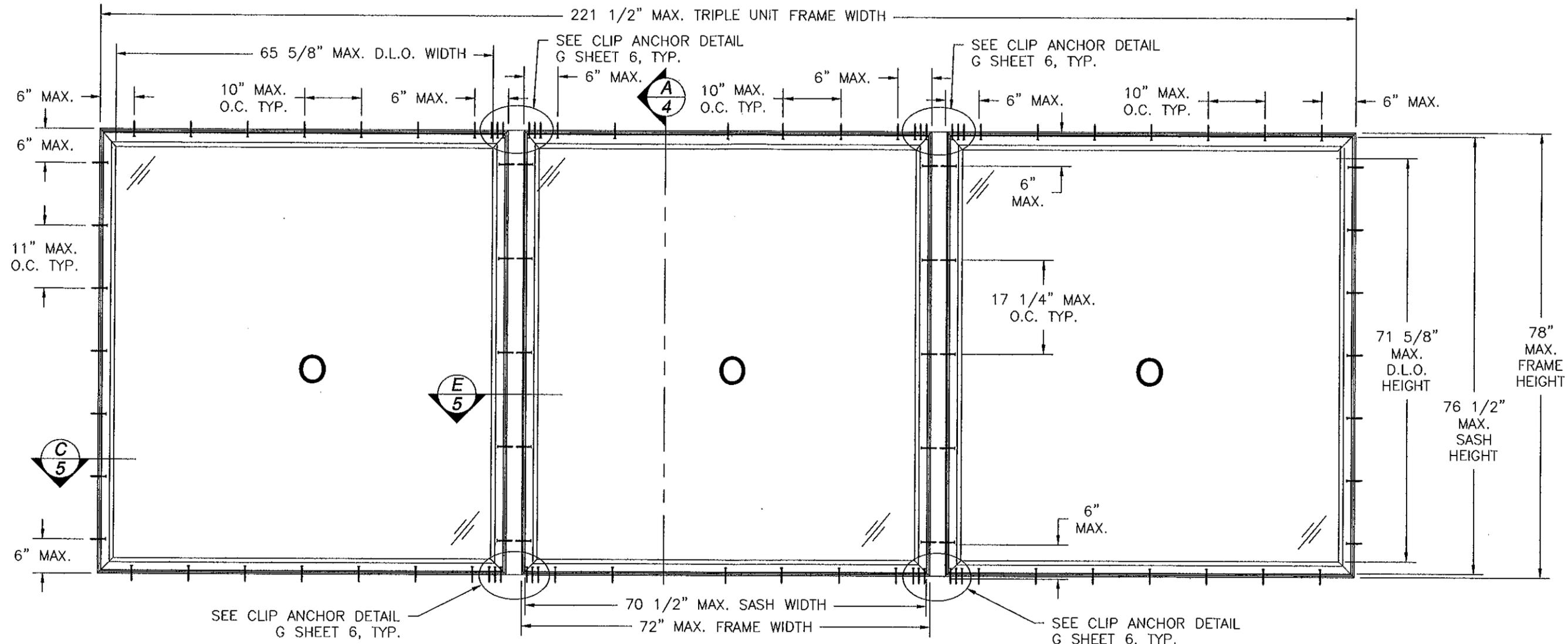
SERIES V-600/V-630 WHITE PVC SINGLE AND FIELD MULLED CASEMENT WINDOW - LMI
ELEVATION, ANCHORING LAYOUT AND NOTES

DRAWN: TJH DWG NO. 08-01124 REV A

SCALE DATE 11/08/10 SHEET 1 OF 11

[Signature]
3/8/11
Luis R. Lomas P.E.
Florida No. 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE CO. LETTER DATED 1/07/11	02/11/11	R.L.



SERIES V-630 WHITE PVC FIELD MULLED FIXED CASEMENT WINDOW

EXTERIOR VIEW

TRIPLE MULLED UNIT SHOWN, UNLIMITED NUMBER OF UNITS MAY BE MULLED TOGETHER AS LONG AS INDIVIDUAL UNIT SIZE DOES NOT EXCEED WIDTH AND HEIGHT SHOWN ABOVE
SEE NOTE SHEET 3

DESIGN PRESSURE RATING	IMPACT RATING
+80.0 PSF -90.0 PSF	LARGE MISSILE IMPACT

- NOTES:
- 1) OPERABLE AND FIXED UNITS MAY BE MULLED TOGETHER. OPERABLE UNITS MAY NOT EXCEED INDIVIDUAL UNIT SIZE SHOWN IN SHEET 3. FIXED UNITS MAY NOT EXCEED INDIVIDUAL UNIT SIZE SHOWN IN THIS SHEET.
 - 2) WHEN AN OPERABLE WINDOW IS PART OF MULLED CONFIGURATION AND FIXED UNIT WIDTH IS LARGER THAN 37" THE LOWER DESIGN PRESSURE OF THE FIXED MULLED UNIT WILL APPLY. SEE THIS SHEET FOR DESIGN PRESSURE.
 - 3) FOR MULLED UNITS CONTAINING OPERABLE AND FIXED WINDOWS 37" WIDE OR SMALLER SEE SHEET 3 FOR DESIGN PRESSURE.

Approved as complying with the
Florida Building Code
Date 08/12/2011
NOA# 10-1223.01
Miami Dade Product Control
By [Signature]

WinDoor
INCORPORATED

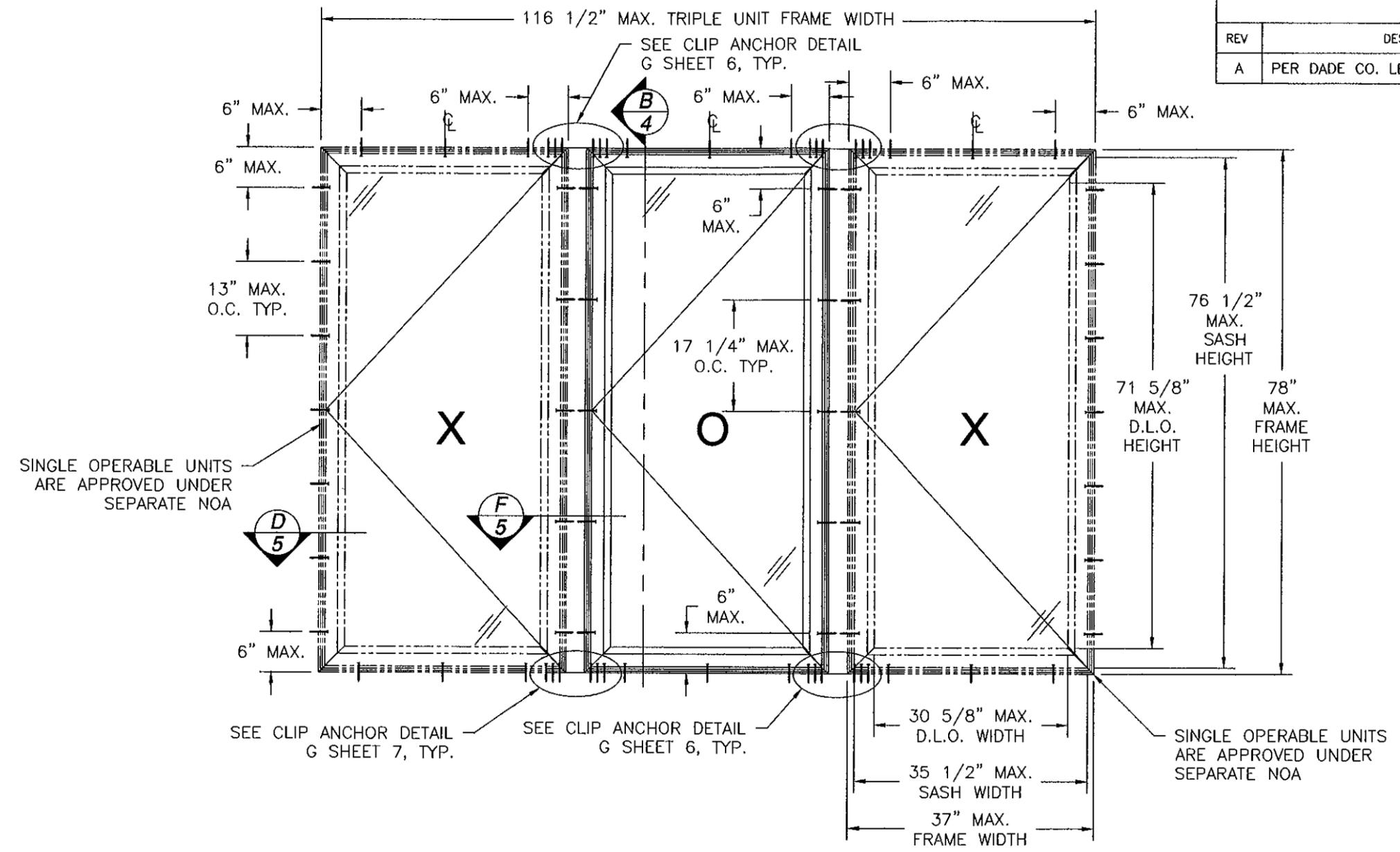
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

SERIES V-600/V-630 WHITE PVC SINGLE AND FIELD
MULLED CASEMENT WINDOW - LMI
ELEVATION, ANCHORING LAYOUT AND NOTES

DRAWN: TJH	DWG NO. 08-01124	REV A
SCALE	DATE 11/08/10	SHEET 2 OF 11

[Signature]
3/8/11
Luis R. Lomas P.E.
Florida No. 62514

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SERIES V-600/V-630 WHITE PVC FIELD MULLED CASEMENT WINDOW

EXTERIOR VIEW

TRIPLE MULLED UNIT SHOWN, UNLIMITED NUMBER OF UNITS MAY BE MULLED TOGETHER AS LONG AS INDIVIDUAL UNIT SIZE DOES NOT EXCEED WIDTH AND HEIGHT SHOWN ABOVE. SEE NOTE SHEET 3. SEE SHEET 11 FOR LOCKING HARDWARE LOCATIONS.

DESIGN PRESSURE RATING	IMPACT RATING
+80.0 PSF -120.0 PSF	LARGE MISSILE IMPACT

- NOTES:
- 1) FIXED AND OPERABLE UNITS MAY BE MULLED TOGETHER. OPERABLE UNITS MAY NOT EXCEED INDIVIDUAL UNIT SIZE SHOWN IN THIS SHEET. FIXED UNITS MAY NOT EXCEED INDIVIDUAL UNIT SIZE SHOWN IN SHEET 2.
 - 2) WHEN A FIXED WINDOW IS PART OF MULLED CONFIGURATION AND FIXED UNIT WIDTH IS LARGER THAN 37" THE LOWER DESIGN PRESSURE OF THE FIXED MULLED UNIT WILL APPLY. SEE SHEET 2 FOR DESIGN PRESSURE.
 - 3) FOR MULLED UNITS CONTAINING OPERABLE AND FIXED WINDOWS 37" WIDE OR SMALLER SEE THIS SHEET FOR DESIGN PRESSURE.

Approved as complying with the Florida Building Code
 Date 05/12/2011
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 Miami Dade Product Control
 By [Signature]

WinDoor
 INCORPORATED

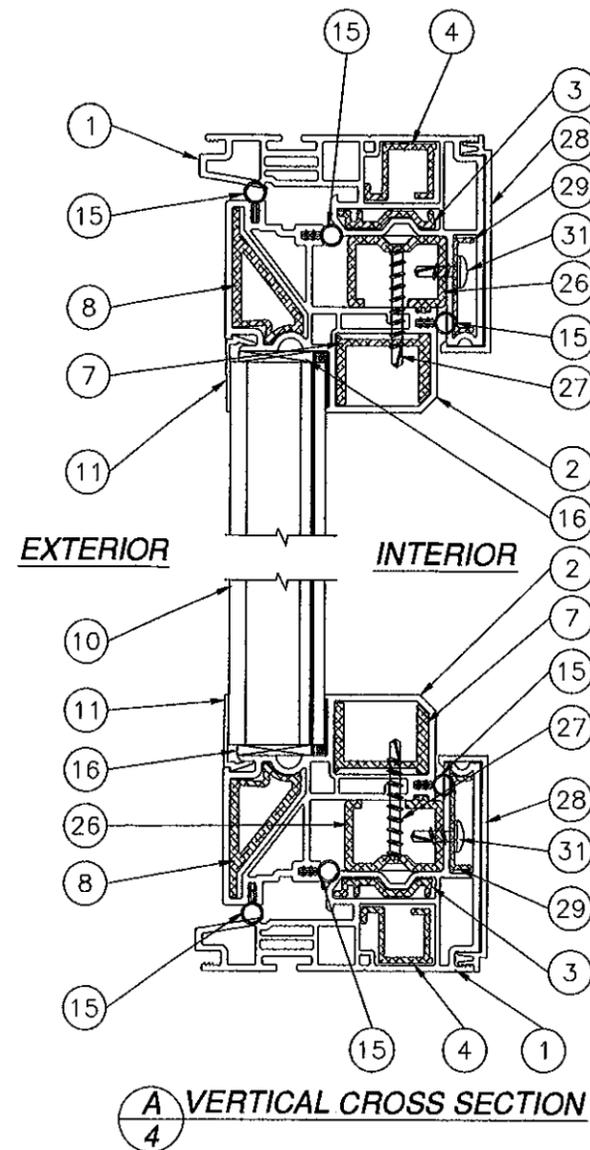
7500 AMSTERDAM DRIVE
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 www.windowinc.com

SERIES V-600/V-630 WHITE PVC SINGLE AND FIELD MULLED CASEMENT WINDOW - LMI ELEVATION, ANCHORING LAYOUT AND NOTES

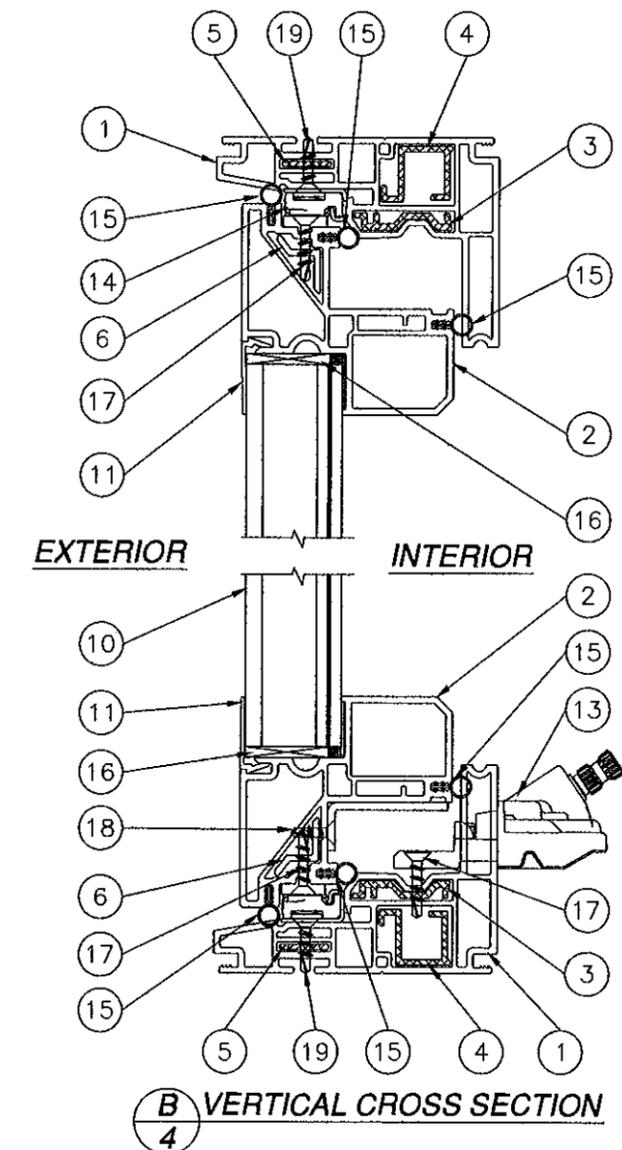
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SCALE	DATE 11/08/10	SHEET 3 OF 11

[Signature]
 9/16/11
 Luis R. Lomas P.E.
 Florida No. 62514

PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	101.214	FRAME, HEAD, SILL AND JAMB	VEKA	RIGID WHITE PVC
2	101.214	PANEL FRAME, STILE AND RAIL	VEKA	RIGID WHITE PVC
3	FS-05688	FRAME UPPER SCREW RECEIVER	KEYMARK	ALUMINUM 6063-T6
4	FS-05689	FRAME LOWER SCREW RECEIVER	KEYMARK	ALUMINUM 6063-T6
5	FS-05690	FRAME SCREW BACKER	KEYMARK	ALUMINUM 6063-T6
6	FS-05691	TRACK & SNUBBER SCREW RECEIVER	KEYMARK	ALUMINUM 6063-T6
7	FS-05692	VENT INT. SCREW RECEIVER & REBAR	KEYMARK	ALUMINUM 6063-T6
8	FS-05693	VENT EXTERIOR REBAR	KEYMARK	ALUMINUM 6063-T6
9	20008	VENT SNUBBER	TRUTH HARDWARE	
10		LARGE MISSILE GLAZING		
11	V60X-AC-13	1 1/8" GLAZING BEAD	MOR-X	RIGID WHITE PVC
12	24.33	MULTI-POINT LOCK AND KEEPER SET	TRUTH HARDWARE	
13	50.00/50.50	OPERATOR AND BRACKET	TRUTH HARDWARE	
14	14.97.00	SLIDE HINGE	TRUTH HARDWARE	
15	AP-425	KERF APTUS VENT BULB SEAL	SCHLEGAL	PLASTIC
16		1/8" x 1 1/16" x 2" SET BLOCK	FRANK LOWE	NEOPRENE
17		#8 x 3/4" FH SELF DRILLING SCREW		STAINLESS STEEL
18		#8 x 1/2" FH SELF DRILLING SCREW		STAINLESS STEEL
19		#8 x 5/8" FH SELF DRILLING SCREW		STAINLESS STEEL
20		#10 x 1" PH SELF DRILLING SCREW		STAINLESS STEEL
21	FS-03856	MULL ANCHOR CLIP 4" x 6 1/2"	KEYMARK	ALUMINUM 6063-T6
22	SIKAFLEX 552	GLAZING COMPOUND	SIKA	URETHANE
23		SEALANT		SILICONE
24		#10 x 2" FH SELF DRILLING SCREW	SEE NOTE 3 SHT. 6	STAINLESS STEEL
25	600A01	FIELD MULL	KEYMARK	ALUMINUM 6063-T6
26	FS-05696	F-LITE SPACER & SCREW RECEIVER	KEYMARK	ALUMINUM 6063-T6
27		#10 x 1 3/4" FH S-DRILLING SCREW	SEE NOTE SHT. 4	STAINLESS STEEL
28	V60X-AC-01	FIXED VENT SCREW COVER	MOR-X	RIGID WHITE PVC
29	FS-05694	F-VENT ATTACH SCREW BACKUP	KEYMARK	ALUMINUM 6063-T6
30	279500	20MM THERMAL STRUT	TECHNOFORM	POLYAMIDE 66
31		#12 x 3/4" PH S-DRILLING SCREW	SEE NOTE SHT. 4	STAINLESS STEEL
32		#10 x 1 1/4" FH S-DRILLING SCREW	SEE NOTE 3 SHT. 6	STAINLESS STEEL
33	V60X-AC-12A	FIELD MULL COVER	MOR-X	RIGID WHITE PVC



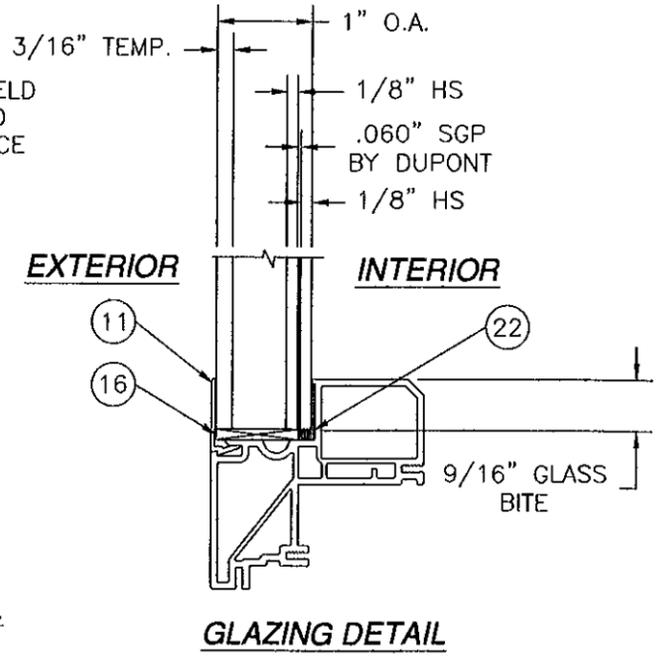
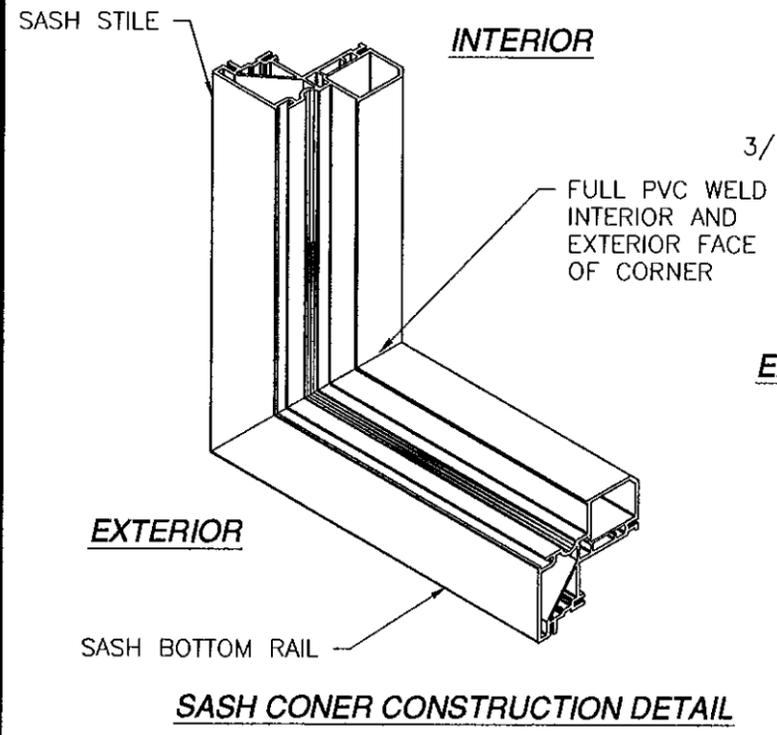
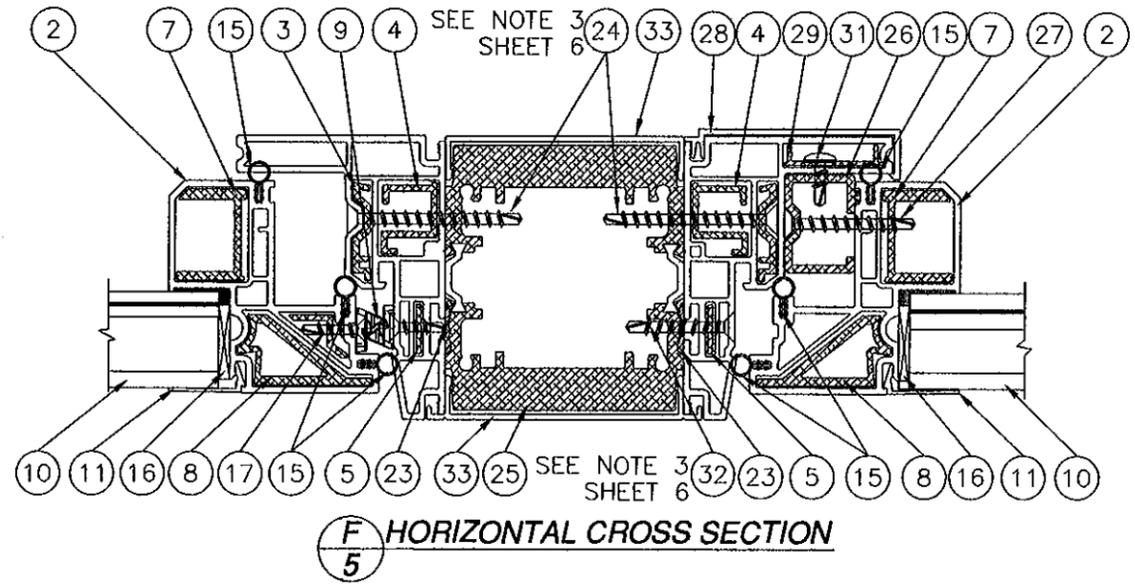
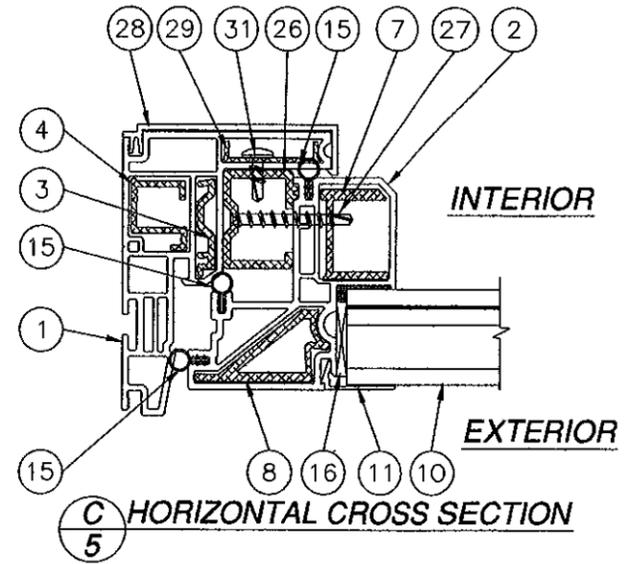
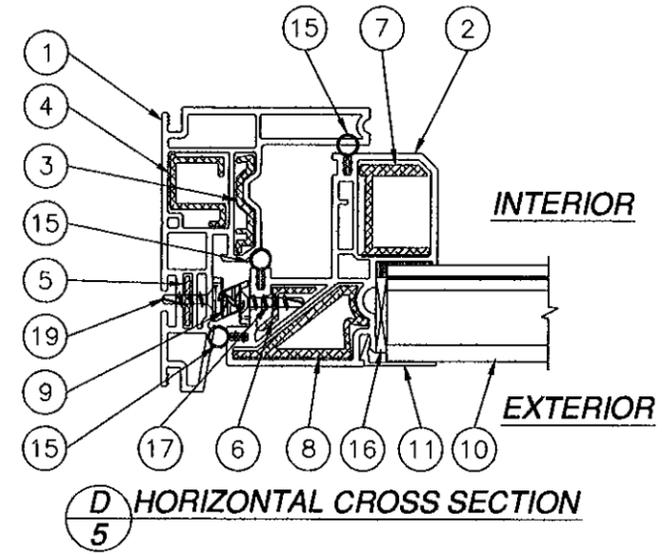
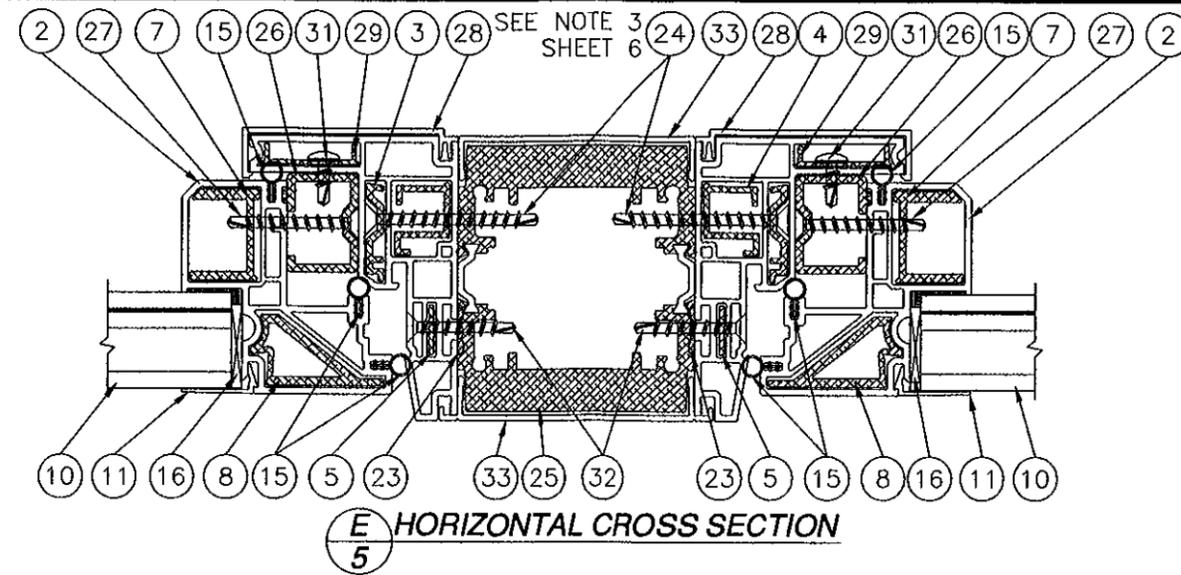
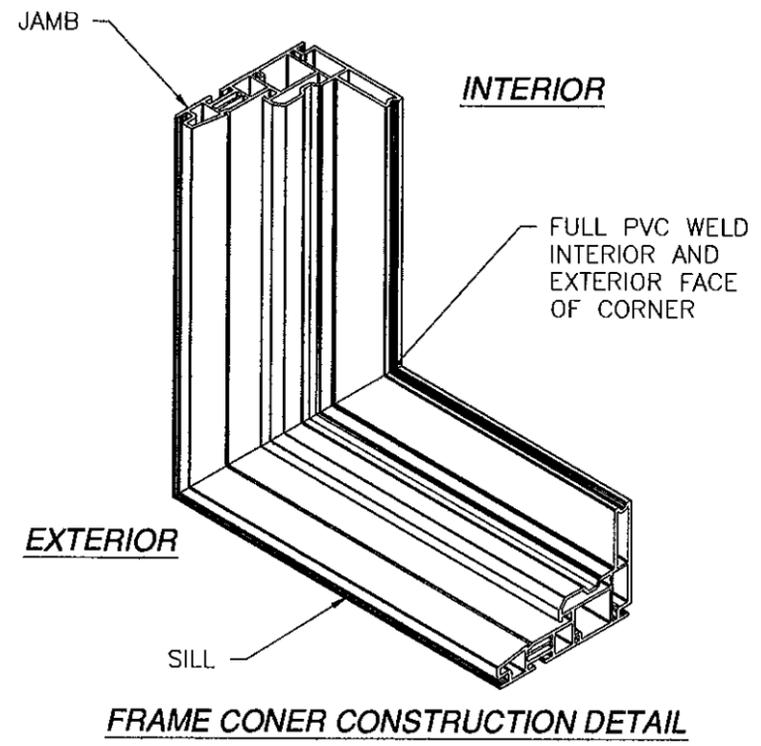
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE CO. LETTER DATED 1/07/11	02/11/11	R.L.



NOTES:
 ITEM #27 AND #31 ARE SPACED AS FOLLOWS:
 VERTICAL STILES; 4 1/2" AND 6 1/2" FROM EACH END AND 11" MAXIMUM O.C. THEREAFTER.
 HORIZONTAL RAILS; 4 1/2" AND 6 1/2" FROM EACH END AND 10" MAXIMUM O.C. THEREAFTER.

Approved as complying with the Florida Building Code Date <u>05/12/2011</u> NOA# <u>10-1223.01</u> Miami Dade Product Control By <u>[Signature]</u>	WinDoor INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com	
	SERIES V-600/V-630 WHITE PVC SINGLE AND FIELD MULLED CASEMENT WINDOW - LMI BILL OF MATERIALS AND CROSS SECTIONS	
DRAWN: TJH	DWG NO. 08-01124	REV A
SCALE	DATE 11/08/10	SHEET 4 OF 11

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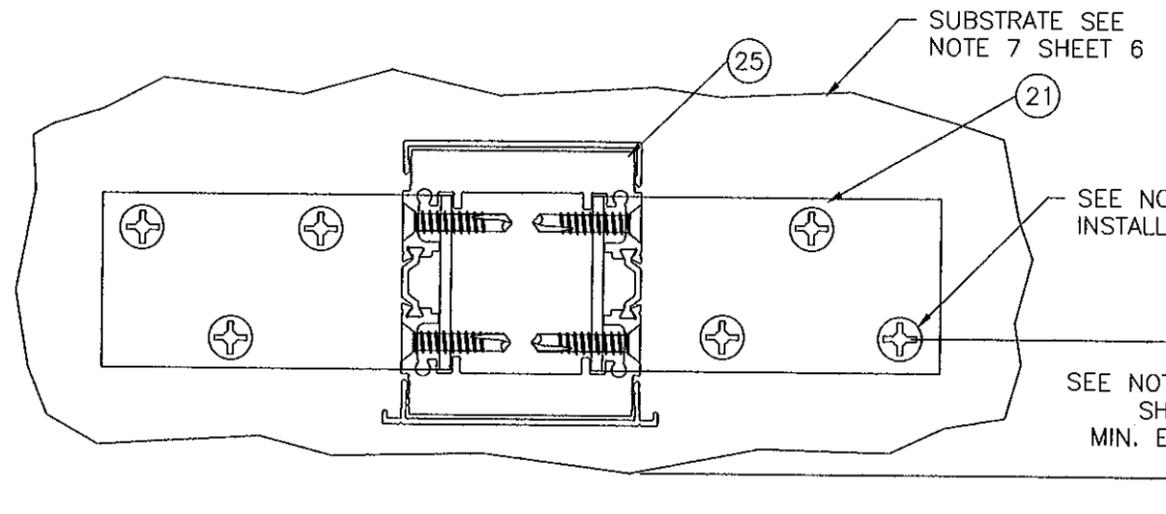
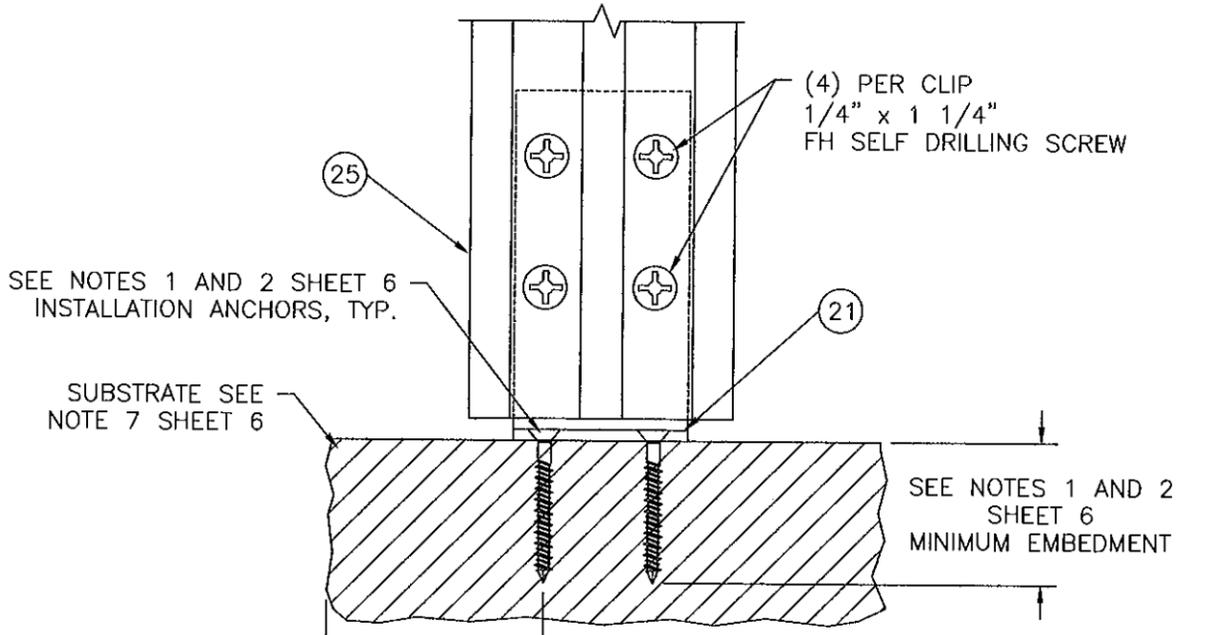
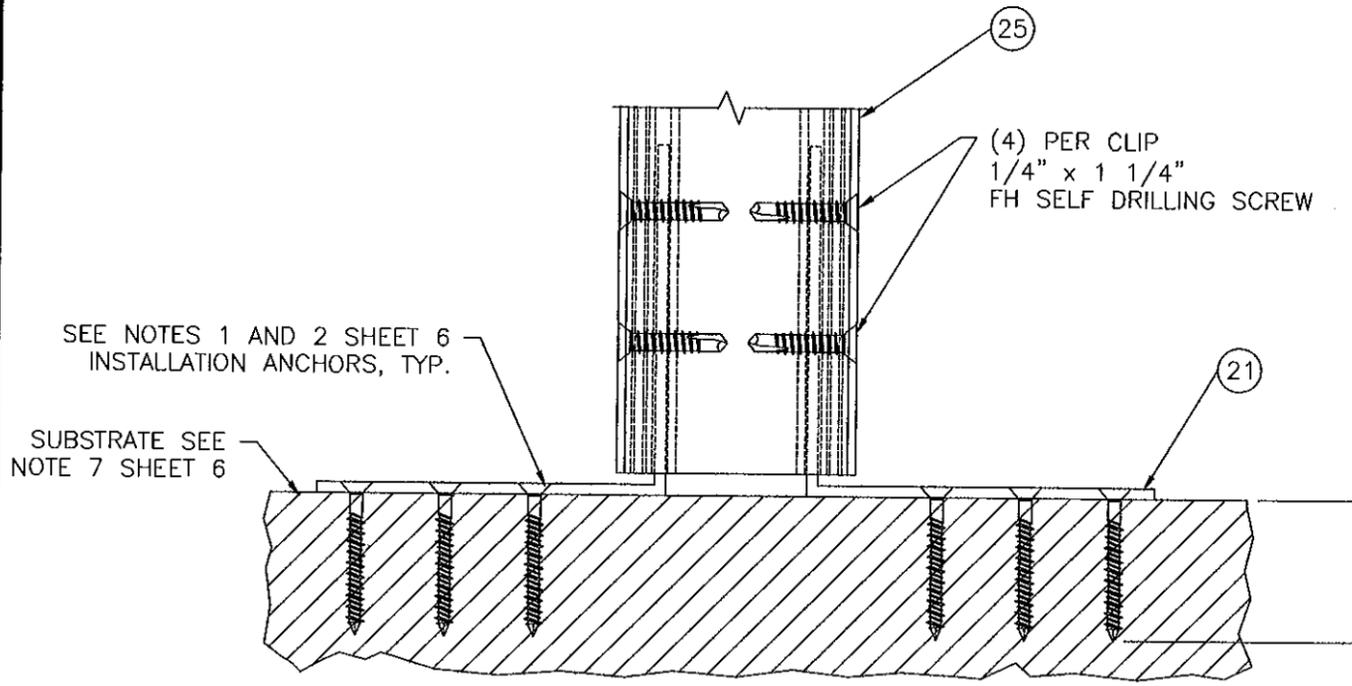
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 CROSS SECTIONS, CORNER AND GLAZING DETAILS

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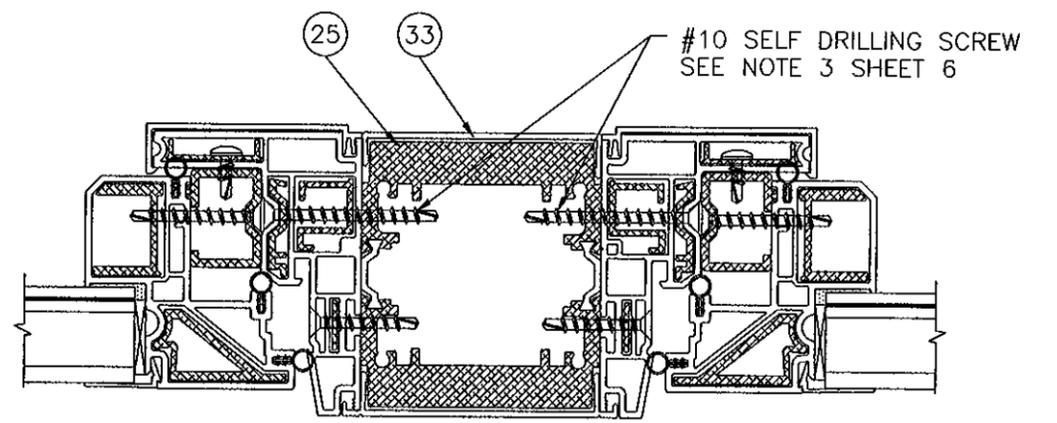
SCALE DATE 11/08/10 SHEET 5 OF 11

[Signature]
 3/8/11
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 Florida No. 62514

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DETAIL G
HEAD AND SILL CLIP INSTALLATION



DETAIL H
WINDOW TO MULLION INSTALLATION, FIXED/FIXED SHOWN,
FIXED/OPERABLE AND OPERABLE/OPERABLE SIMILAR

MULLION ANCHORING NOTES:

- 1) FOR ANCHORING INTO CONCRETE USE 1/4" ITW TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 2 1/2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN INSTALLATION DETAILS.
- 2) FOR ANCHORING INTO WOOD FRAMING, 2X BUCK OR 2X BACKED 20GA. MINIMUM STEEL FRAMING USE #14 WOOD SCREW WITH SUFFICIENT LENGTH TO ACHIEVE A 1 13/16" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN INSTALLATION DETAILS.
- 3) FOR ATTACHING WINDOW UNITS TO MULLION USE #10 SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A MINIMUM EMBEDMENT OF THREE THREADS PAST THE MULLION WALL. LOCATE SCREWS 6" FROM EACH MULLION END AND 17 1/4" MAX. O.C. THEREAFTER. STAGGER SCREWS AT EACH WINDOW.
- 5) FOR WINDOW UNITS ANCHORING TO SUBSTRATE REFER TO SHEETS 1, 2, 7, 8 AND 9.
- 6) ALL FASTENERS TO BE STAINLESS STEEL OR CORROSION RESISTANT.
- 7) INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 A. WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42
 B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3,192 PSI.
 C. STEEL FRAMING: 2X BACKED 20GA. (.036" MIN.) STEEL FRAMING.

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By [Signature]

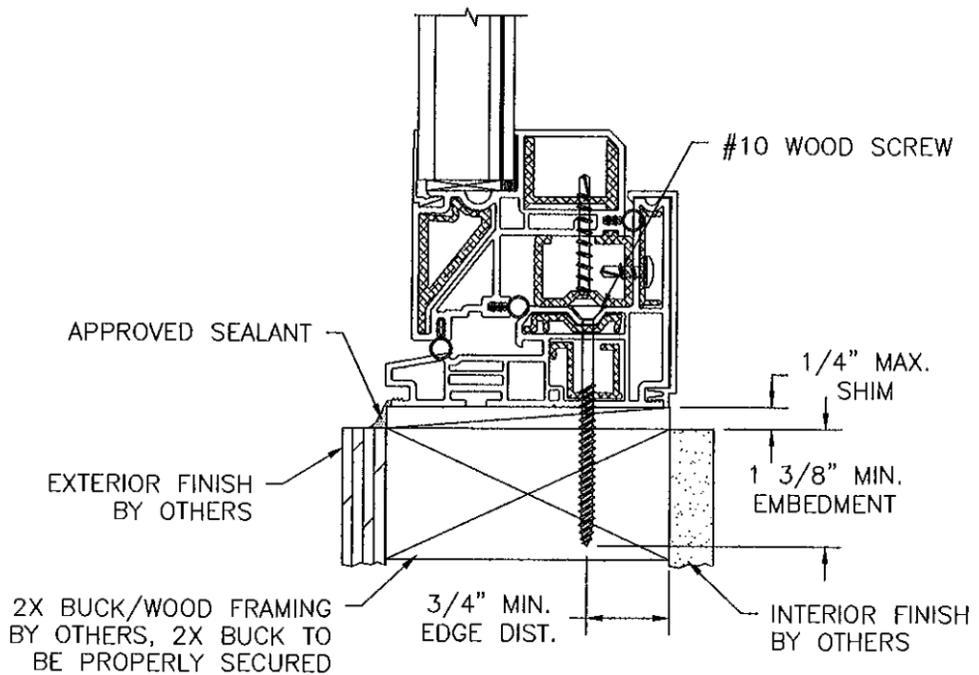
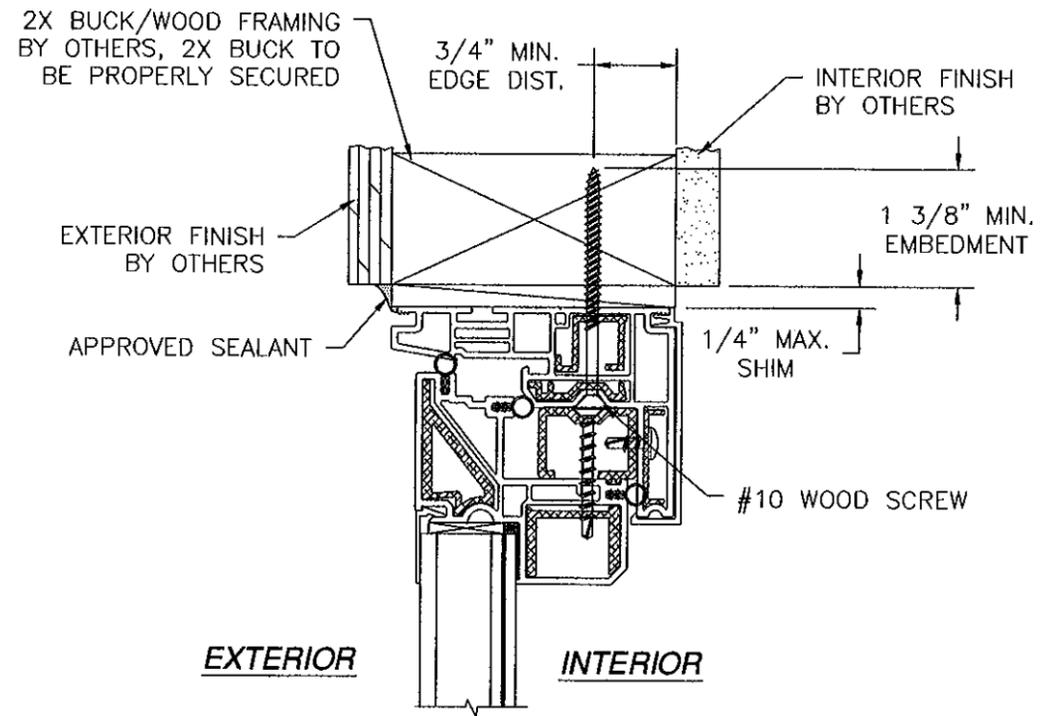
WinDoor
INCORPORATED
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
Phone: 407.481.8400
Fax: 407.481.0505
www.windoorinc.com

SERIES V-600/V-630 WHITE PVC SINGLE AND FIELD
MULLED CASEMENT WINDOW - LMI
INSTALLATION DETAILS AND NOTES

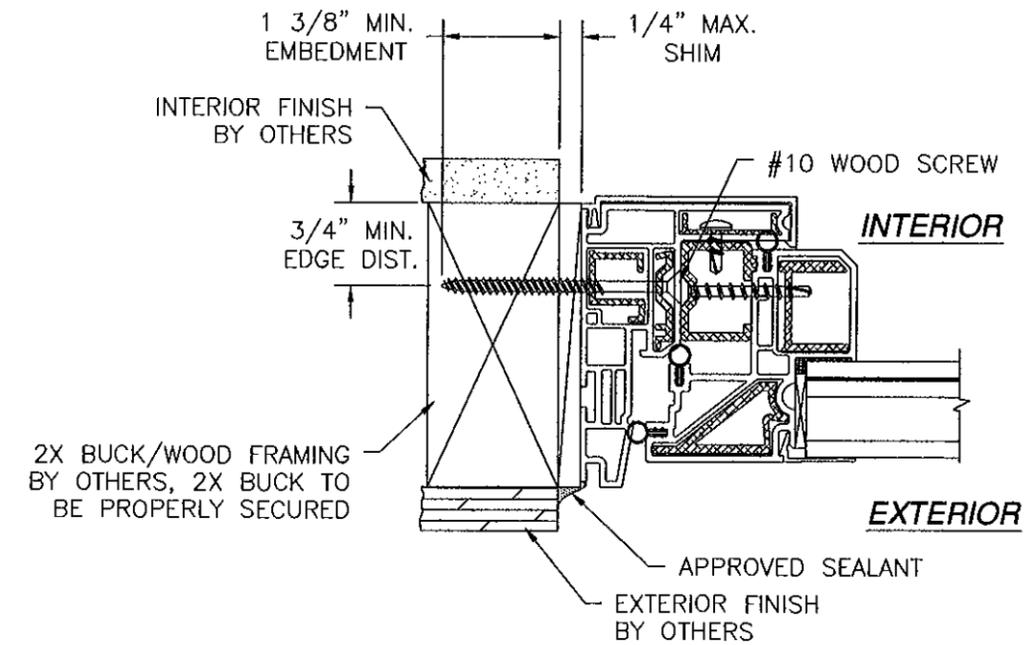
DRAWN: TJH	DWG NO. 08-01124	REV A
SCALE	DATE 11/08/10	SHEET 6 OF 11

[Signature]
3/8/11
Luis R. Lomas P.E.
Florida No. 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	PER DADE CO. LETTER DATED 1/07/11	02/11/11	R.L.



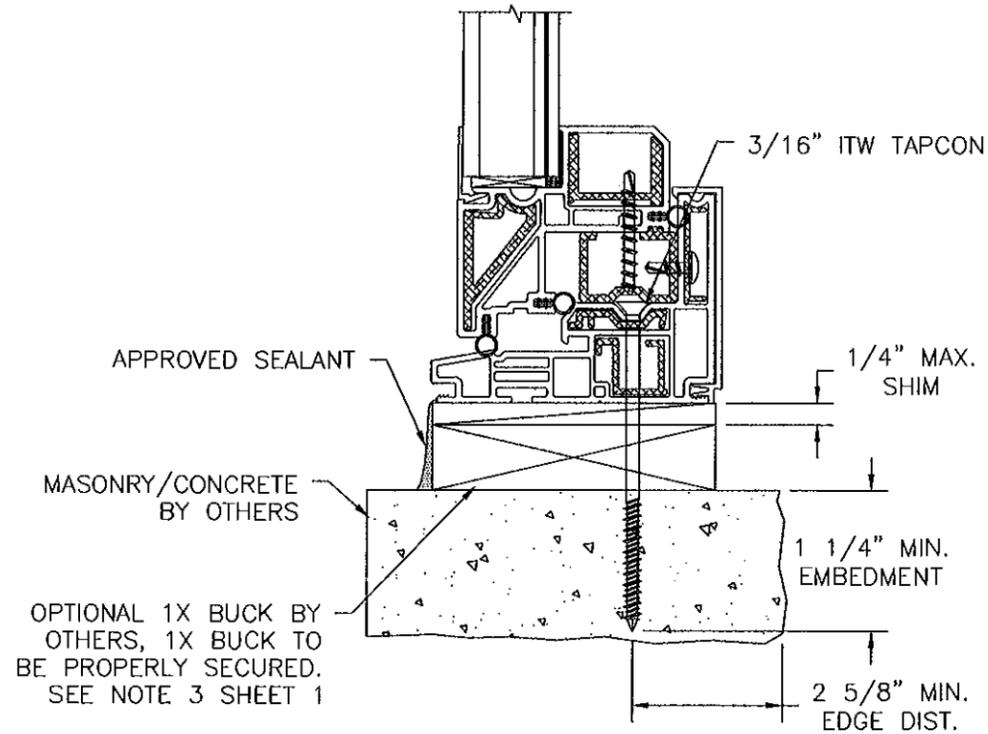
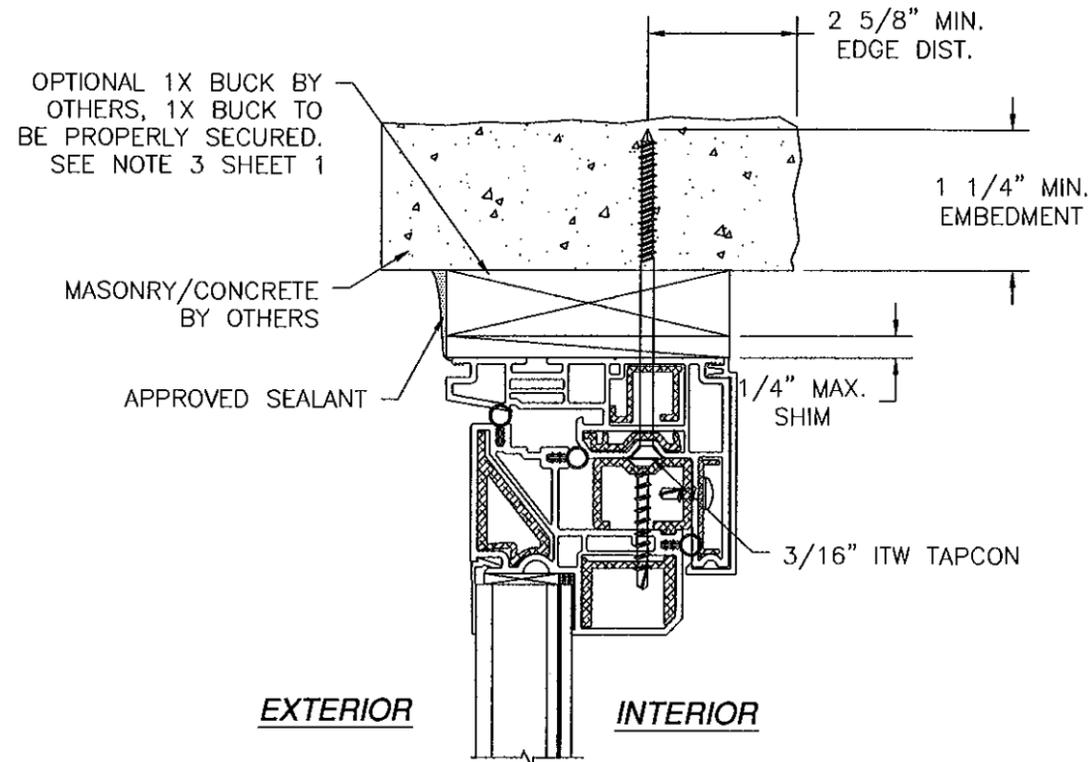
VERTICAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION
FIXED SHOWN, OPERABLE SIMILAR



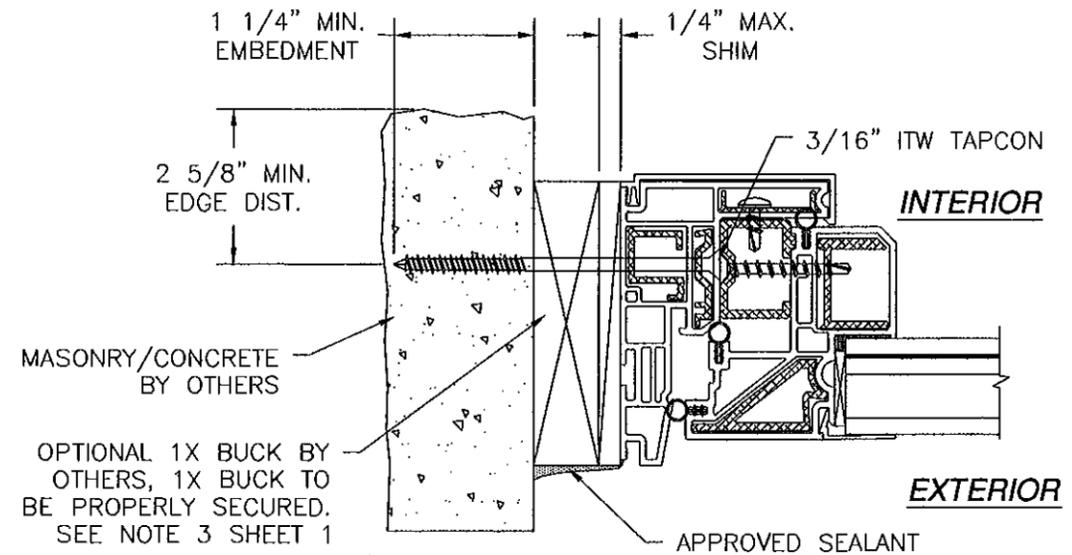
HORIZONTAL CROSS SECTION
2X BUCK/WOOD FRAMING INSTALLATION
FIXED SHOWN, OPERABLE SIMILAR

<p>Approved as complying with the Florida Building Code Date <u>05/12/2011</u> NOA# <u>10-1223.01</u> Miami Dade Product Control By <u>[Signature]</u></p>	<p>WinDoor INCORPORATED</p> <p>7500 AMSTERDAM DRIVE ORLANDO, FL 32832 Phone: 407.481.8400 Fax: 407.481.0505 www.windoorinc.com</p>	<p><i>[Signature]</i> Luis R. Lomas P.E. Florida No. 62514</p>
	<p>SERIES V-600/V-630 WHITE PVC SINGLE AND FIELD MULLED CASEMENT WINDOW - LMI INSTALLATION DETAILS</p>	
<p>DRAWN: TJH</p>	<p>DWG NO. 08-01124</p>	<p>REV A</p>
<p>SCALE</p>	<p>DATE 11/08/10</p>	<p>SHEET 7 OF 11</p>

REVISIONS			
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VERTICAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION



HORIZONTAL CROSS SECTION
MASONRY/CONCRETE INSTALLATION

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INCORPORATED

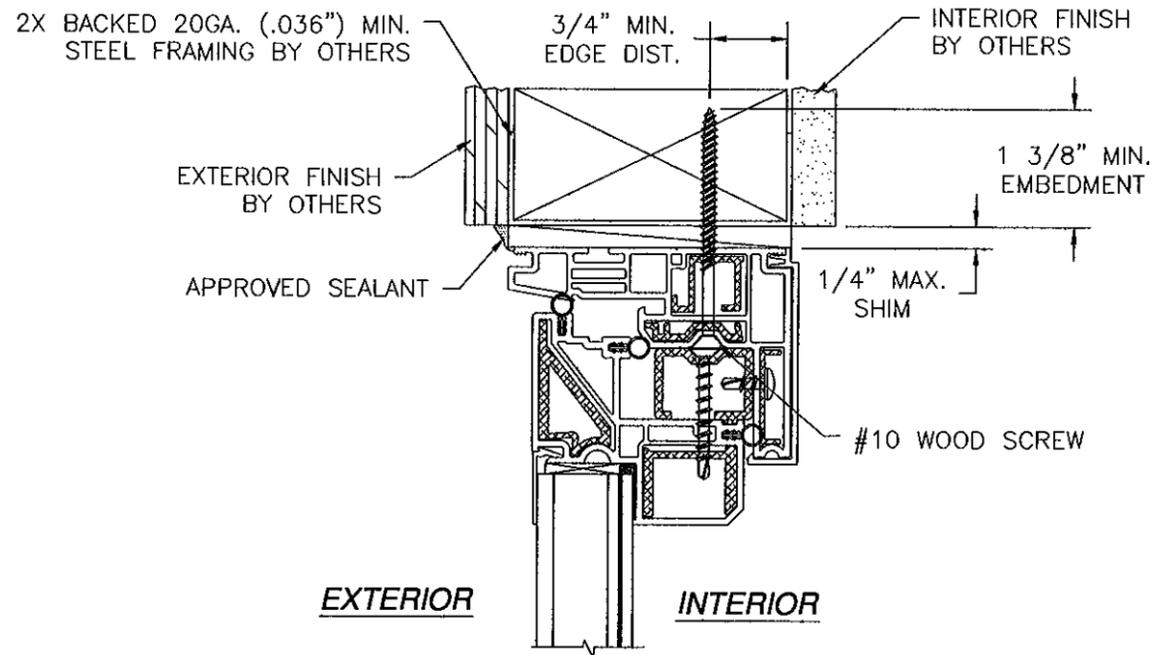
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SERIES V-600/V-630 WHITE PVC SINGLE AND FIELD
MULLED CASEMENT WINDOW - LMI
INSTALLATION DETAILS

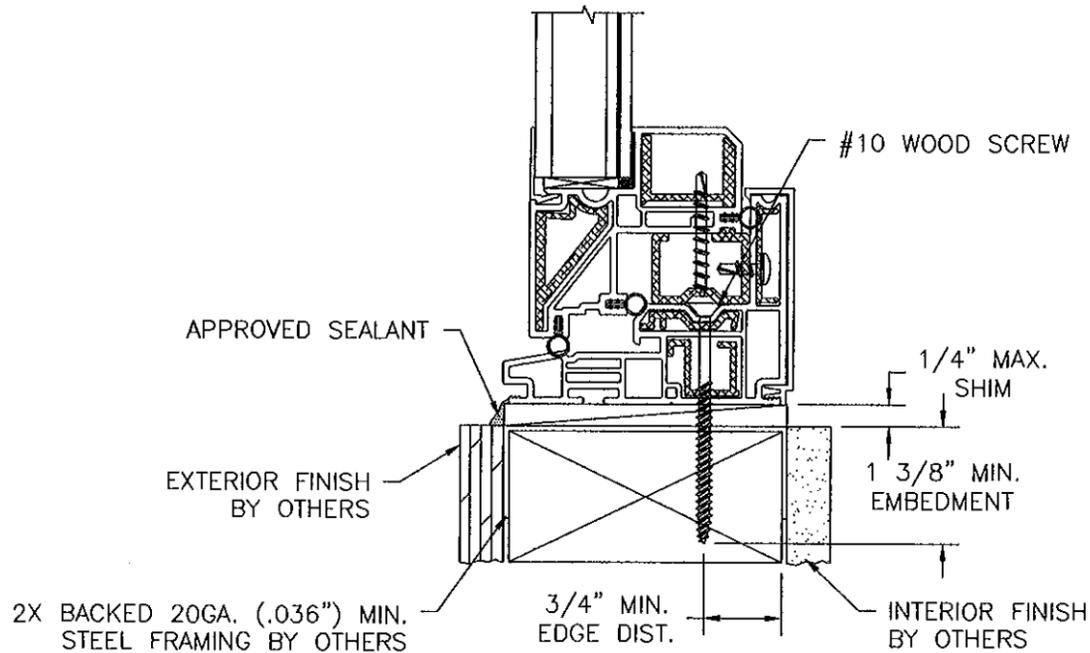
DRAWN: TJH	DWG NO. 08-01124	REV A
SCALE	DATE 11/08/10	SHEET 8 OF 11

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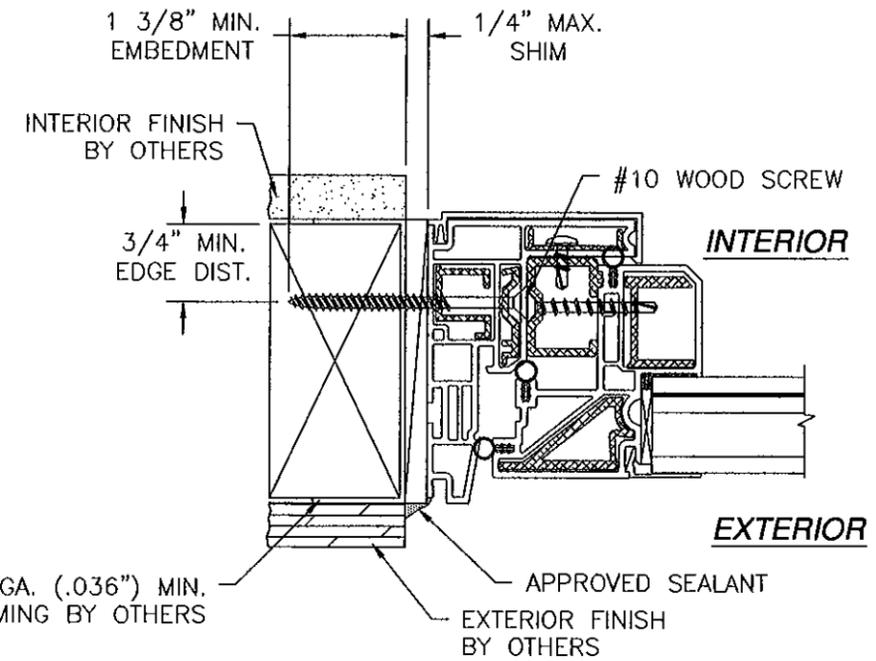
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REV	DESCRIPTION	DATE	APPROVED
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EXTERIOR INTERIOR



VERTICAL CROSS SECTION
2X BACKED STEEL STUD FRAMING INSTALLATION



EXTERIOR INTERIOR

HORIZONTAL CROSS SECTION
2X BACKED STEEL STUD FRAMING INSTALLATION

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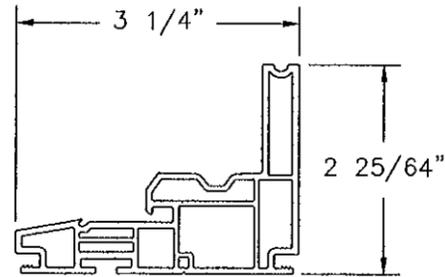
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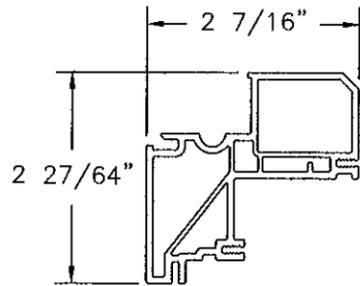
SERIES V-600/V-630 WHITE PVC SINGLE AND FIELD
MULLED CASEMENT WINDOW - LMI
INSTALLATION DETAILS

DRAWN: TJH	DWG NO. 08-01124	REV A
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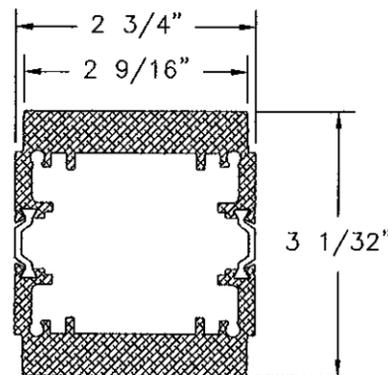
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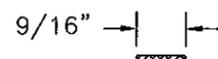
① **FRAME, HEAD, SILL AND JAMB**
EXTRUDED RIGID WHITE PVC .071" THICK



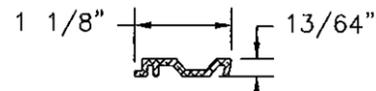
② **PANEL FRAME, STILE AND RAIL**
EXTRUDED RIGID WHITE PVC .075" THICK



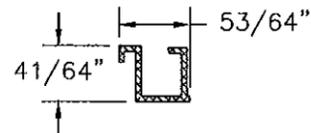
②⑤ **FIELD MULL**
EXTRUDED ALUMINUM 6063-T6 .470" THICK
WITH (2) ITEM #30



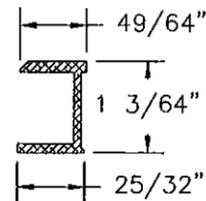
⑤ **FRAME SCREW BACKER**
EXTRUDED ALUMINUM 6063-T6 .058" THICK



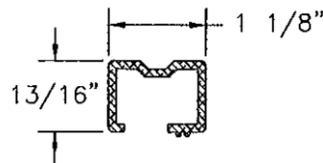
③ **FRAME UPPER SCREW RECEIVER**
EXTRUDED ALUMINUM 6063-T6 .075" THICK



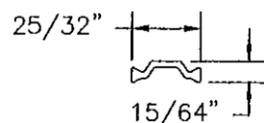
④ **FRAME LOWER SCREW RECEIVER**
EXTRUDED ALUMINUM 6063-T6 .065" THICK



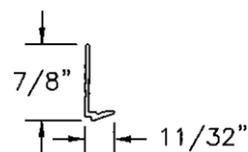
⑦ **VENT INTERIOR SCREW RECEIVER AND REBAR**
EXTRUDED ALUMINUM 6063-T6 .075" THICK



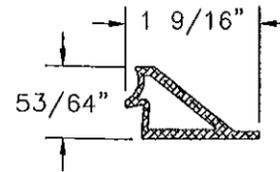
②⑥ **FIXED LITE SPACER AND SCREW RECEIVER**
EXTRUDED ALUMINUM 6063-T6 .090" THICK



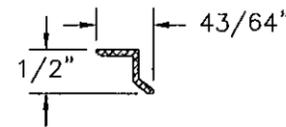
③⑩ **20mm THERMAL STRUT**
POLYIMIDE 66 .071" THICK



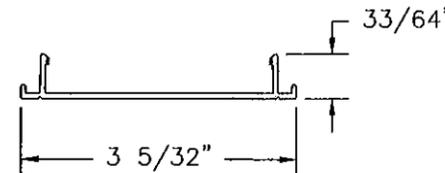
①① **1 1/8" GLAZING BEAD**
EXTRUDED RIGID WHITE PVC .039" THICK



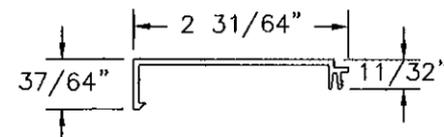
⑧ **VENT EXTERIOR REBAR**
EXTRUDED ALUMINUM 6063-T6 .102" THICK



⑥ **TRACK AND SNUBBER SCREW RECEIVER**
EXTRUDED ALUMINUM 6063-T6 .070" THICK

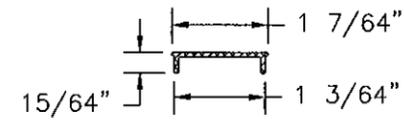


③③ **FIELD MULL COVER**
EXTRUDED RIGID WHITE PVC .065" THICK

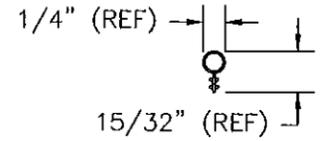


②⑧ **FIXED VENT SCREW COVER**
EXTRUDED RIGID WHITE PVC .065" THICK

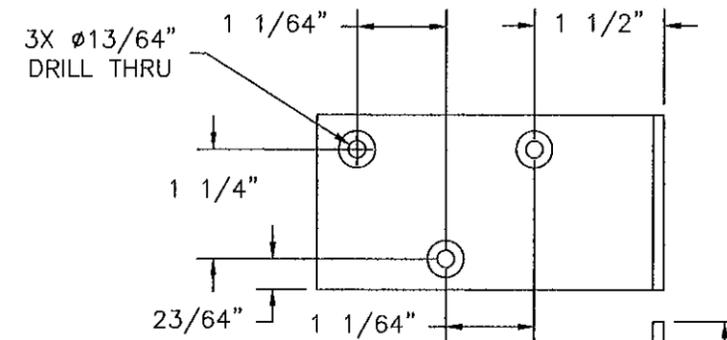
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③⑤ **FIXED VENT ATTACHMENT SCREW BACKUP**
EXTRUDED ALUMINUM 6063-T6 .050" THICK



①⑤ **KERF APTUS VENT BULB SEAL**
PLASTIC



②① **MULL ANCHOR CLIP**
EXTRUDED ALUMINUM 6063-T6 .125" THICK

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By [Signature]

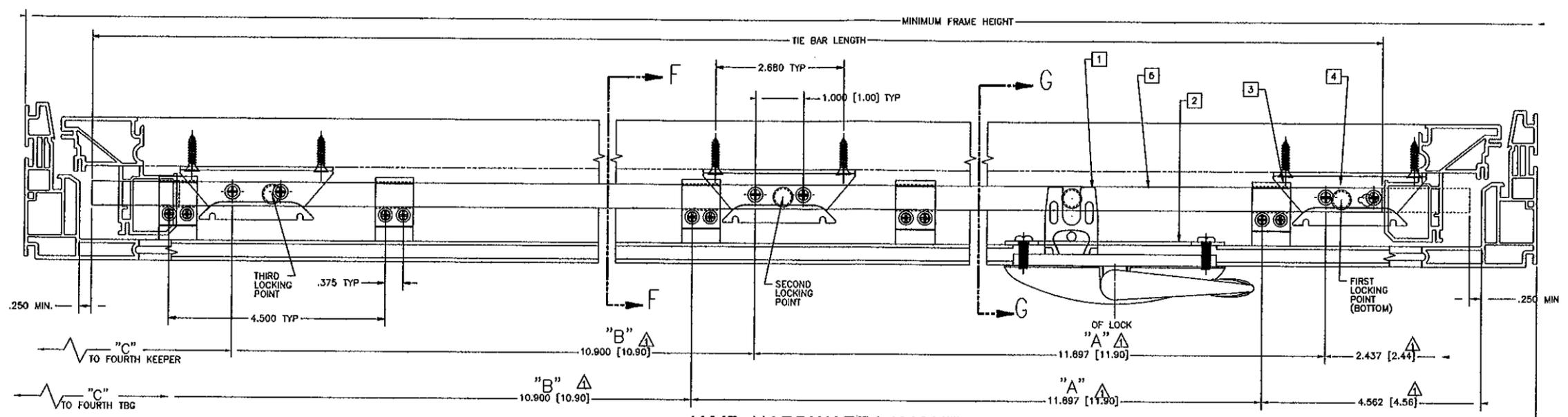
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SERIES V-600/V-630 WHITE PVC SINGLE AND FIELD MULLED CASEMENT WINDOW - LMI COMPONENTS

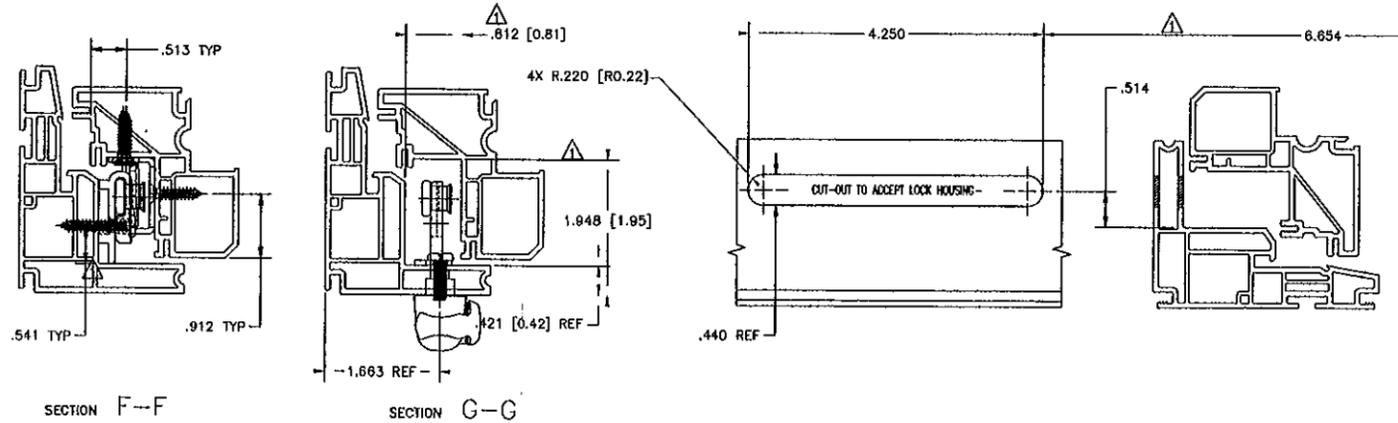
DRAWN: TJH	DWG NO. 08-01124	REV A
SCALE	DATE 11/08/10	SHEET 10 OF 11

[Signature]
3/8/11
Luis R. Lomas P.E.
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JAMB HARDWARE LAYOUT



MINIMUM FRAME WIDTH	PART NO.	# OF LOCK POINTS	TIE BAR LENGTH	"A" DIM	"B" DIM	"C" DIM	"D" DIM	"E" DIM
75.52"	13098.92	6 PT.	70.9	13.69	14.13	13.00	13.00	13.00
75.52"	12927.92	4 PT.		23.90	22.90	20.00		
71.52"	13097.92	5 PT.	66.9	15.90	15.90	15.90	16.13	
71.52"	12926.92	4 PT.		21.90	20.90	20.00		
67.52"	13096.92	5 PT.	62.9	11.90	15.90	14.90	16.00	
67.52"	12925.92	4 PT.		19.90	18.90	20.00		
63.52"	13095.92	3 PT.	58.9	17.89	17.06	19.75		
	11922.92	3 PT.		27.80	26.90			
	11912.92	2 PT.		54.80				
59.52"	13094.92	3 PT.	54.9	15.89	16.06	18.75		
	11921.92	3 PT.		25.90	24.90			
	11911.92	2 PT.		50.80				
55.52"	13093.92	4 PT.	50.9	13.89	16.06	16.75		
	11920.92	3 PT.		23.90	22.90			
51.52"	11919.92	3 PT.	46.9	21.90	20.90			
	11909.92	2 PT.		42.80				
47.52"	11918.92	3 PT.	42.9	19.90	18.90			
	11908.92	2 PT.		38.80				
43.52"	11917.92	3 PT.	38.9	17.90	16.90			
	11907.92	2 PT.		34.80				
39.52"	11916.92	3 PT.	34.9	15.90	14.90			
	11906.92	2 PT.		30.80				
35.52"	11915.92	3 PT.	30.9	13.90	12.90			
	11905.92	2 PT.		26.80				
31.52"	11914.92	3 PT.	26.9	11.90	10.90			
	11904.92	2 PT.		22.80				
27.52"	11903.92	2 PT.	22.9	18.80				
23.52"	11902.92	2 PT.	18.9	14.80				
19.52"	11901.92	2 PT.	14.9	10.80				

ITEM	PART NO.	QTY	DESCRIPTION
-	19225	6	9 12 SCREW 6X3/4 PH FH SMS SS410 (KEEPER)
-	19230.92	4	6 8 SCREW 6X1 PH PH SMS Y2P (TBC)
-	19298.92	2	2 2 SCREW 10-24X9/16 F PH PH MS Y2(LOCK)
5	SEE CHART	1	1 1 TIE BAR ASSEMBLY
4	32832.00.0500	2	3 4 KEEPER, NON-HANDED SST
3	33263.00.0001	2	3 4 TIE BAR GUIDE
2	21600.92	1	1 1 SUPPORT PLATE
1	24.33.XX.004	1	1 1 LOCK ASSEMBLY

- NOTES:
- ACCURACY OF INDICATED DIMENSIONS IS CRITICAL TO THE FUNCTION OF THE MULTI-POINT LOCK.
 - "C" DIMENSION FOR THE FOURTH LOCKING POINT, FOR KEEPER AND TIE BAR GUIDE PLACEMENT, DIMENSION "C" ORIGINATES AT THE THIRD LOCKING POINT.
 - "A" AND "B" DIMENSIONS ARE CONFIGURED TO GIVE SEQUENTIAL AND PROGRESSIVE LOCKING OF 1/2" TOTAL, STARTING WITH THE FIRST(BOTTOM)LOCKING POINT, WITH A PROGRESSION OF 1/4" FROM THE FIRST LOCKING POINT TO THE SECOND LOCKING POINT, AND A 1/4" FROM THE SECOND LOCKING POINT TO THE THIRD LOCKING POINT. THE FOURTH LOCKING POINT MOVES IN TANDEM WITH THE THIRD LOCKING POINT.
 - TIE BAR TRAVEL IS 1.62"
 - ALL DIMENSIONS ARE AFTER WELD.
 - MOUNTING SCREWS FOR ALL HARDWARE SHOULD PASS THROUGH TWO PVC WALLS OR A SINGLE WALL WITH AN INTERIOR METAL INSERT.
 - SEE TRUTH HARDWARE CATALOG FOR FURTHER INFO ON APPLICATION OF ALL COMPONENTS.

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DRAWN: TJH
 DWG NO. 08-01124
 REV A

SCALE DATE 11/08/10 SHEET 11 OF 11

[Signature]
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