



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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

Kolbe & Kolbe Millwork Co., Inc.
1211 Depot Street
Manawa, WI 54949

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 "V707 Windquest" White PVC Single Hung Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 08-01320, titled "Windquest V707 Single Hung Window – 52" x 75", sheets 1 through 9 of 9, dated 08/02/11, with revision B dated 10/11/13, 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 and renews NOA# 11-1018.08 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.



MP
10/17/13

NOA No. 13-0805.05
Expiration Date: October 30, 2018
Approval Date: October 24, 2013
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **08-01320**, sheets 1 through 9 of 9, titled "Windquest V707 Single Hung Window 52" x 75", dated 08/02/11, with revision B dated 10/11/13, 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, TAS 202-94

along with marked-up drawings and installation diagram of series Windquest V707 single hung windows with three different mounting conditions, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-110-13756-1**, dated 02/12/11, signed and sealed by Robert H. Zeiders, P.E.

(Submitted under previous NOA #11-1018.08)

2. 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, TAS 202-94

along with marked-up drawings and installation diagram of a series V707SH Tilt White PVC Single Hung Window, prepared by National Certified Testing Laboratories, Test Report No. **NCTL-110-10633-6**, dated 11/16/06, signed and sealed by Harold E. Rupp, P.E.

(Submitted under NOA# 08-0324.15)

C. CALCULATIONS:

1. Anchor verification calculations and structural analysis, complying with FBC-2007 and 2010, dated 11/26/07, revised on 08/02/11 and 01/23/12, prepared, signed and sealed by Luis R. Lomas, P.E.

(Submitted under previous NOA #11-1018.08)

2. Glazing complies with ASTM E1300-04


Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-0805.05

Expiration Date: October 30, 2018

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Kolbe & Kolbe Millwork Co., Inc.

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D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

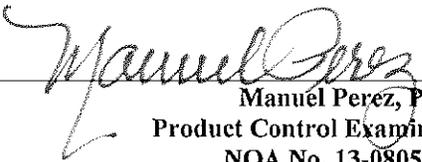
1. Notice of Acceptance No. **13-0129.27** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 04/11/13, expiring on 12/11/16.
2. Notice of Acceptance No. **12-0620.09** issued to Royal Window and Door Profiles for their "**White Rigid PVC Exterior Profile Extrusions for Windows and Doors**" dated 09/13/12, expiring on 07/05/17.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC-2010**, and of no financial interest, dated 05/21/13, signed and sealed by Luis R. Lomas, P.E.

G. OTHERS

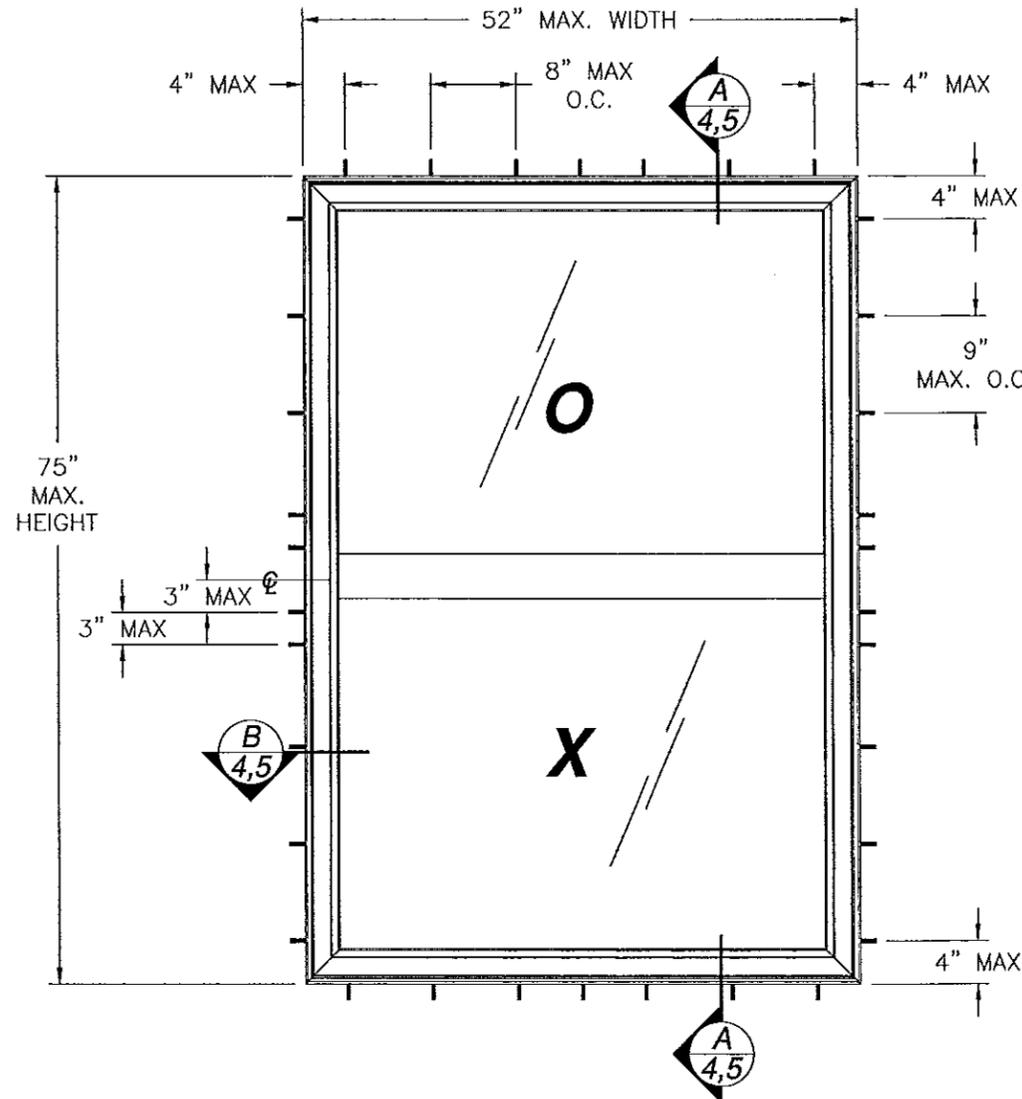
1. Notice of Acceptance No. **11-1018.08**, issued to Kolbe & Kolbe Millwork Co., Inc. for their Series "**V707 Windquest**" White PVC Single Hung Window – L.M.I., approved on 02/23/12 and expiring on 10/30/13.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 13-0805.05

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Approval Date: October 24, 2013

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED ANCHOR CLUSTERS	1/27/12	R.L.
B	REVISED B.O.M.	10/11/13	R.L.



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 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 Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 5) FRAME MATERIAL: EXTRUDED RIGID PVC.
- 6) UNITS MUST BE GLAZED PER ASTM E1300, SEE SHEET 3 FOR GLASS OPTIONS.
- 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 MASONRY/CONCRETE USE 3/16" 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.
- 10) FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
- 11) FOR ANCHORING INTO METAL STRUCTURE USE #8 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) ALL FASTENERS TO BE 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. METAL STRUCTURE: STEEL 18GA, 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

WINDQUEST V707 SINGLE HUNG WINDOW
EXTERIOR VIEW FRAME FLUSH INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±70PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ

WEEP HOLE LOCATIONS:

- 1) 1/2" X 3/16" HOLES LOCATED AT EACH END OF INTERIOR SILL TRACK.
- 2) 1" X 1/4" HOLES, WITH COVER, LOCATED 4" FROM EACH END OF EXTERIOR SILL FACE.
- 3) 7/8" X 1/8" HOLES, LOCATED 1" FROM EACH END OF EXTERIOR SILL FACE.
- 4) 5/8" X 1/8" HOLES LOCATED 3" FROM EACH END OF BOTTOM RAIL.

TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1, 2	ELEVATION, ANCHORING AND NOTES
3	CROSS SECTIONS AND B.O.M.
4 - 8	INSTALLATION DETAILS
9	COMPONENTS

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0805.05
Expiration Date Oct. 30, 2018
By *Wendy Perez*
Miami Dade Product Control

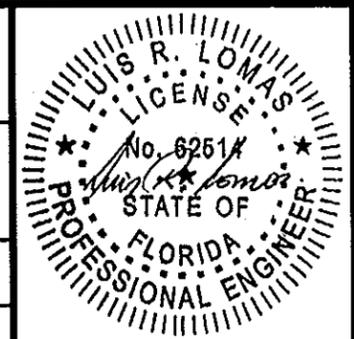
KOLBE & KOLBE MILLWORK

1211 DEPOT ST
MANAWA, MI 54949

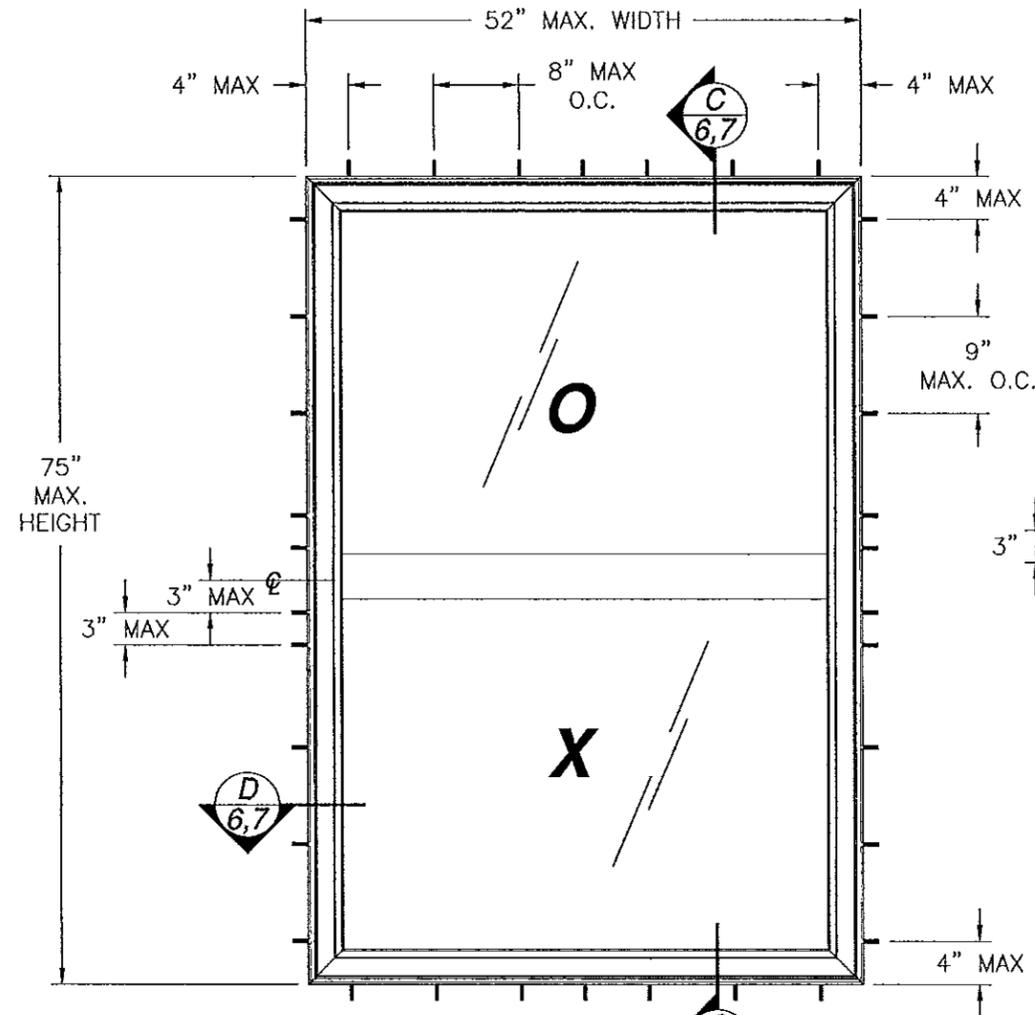
WINDQUEST V707 SINGLE HUNG WINDOW
52 X 75
ELEVATIONS AND NOTES

DRAWN: R.L.	DWG NO. 08-01320	REV B
SCALE NTS	DATE 08/02/11	SHEET 1 OF 9

SIGNED: 10/11/2013



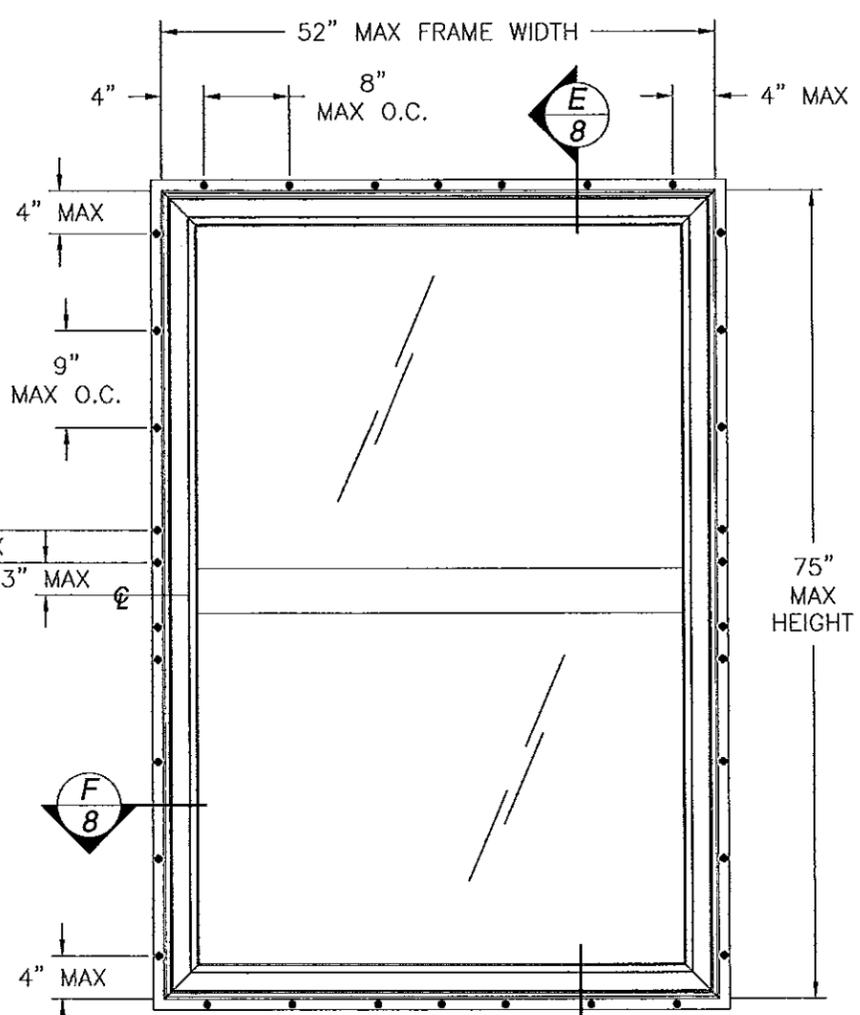
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REV	DESCRIPTION	DATE	APPROVED
A	ADDED ANCHOR CLUSTERS	1/27/12	R.L.
B	REVISED B.O.M.	10/11/13	R.L.



WINDQUEST V707 SINGLE HUNG WINDOW
EXTERIOR VIEW STRAP INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±70PSF	LARGE AND SMALL MISSILE IMPACT

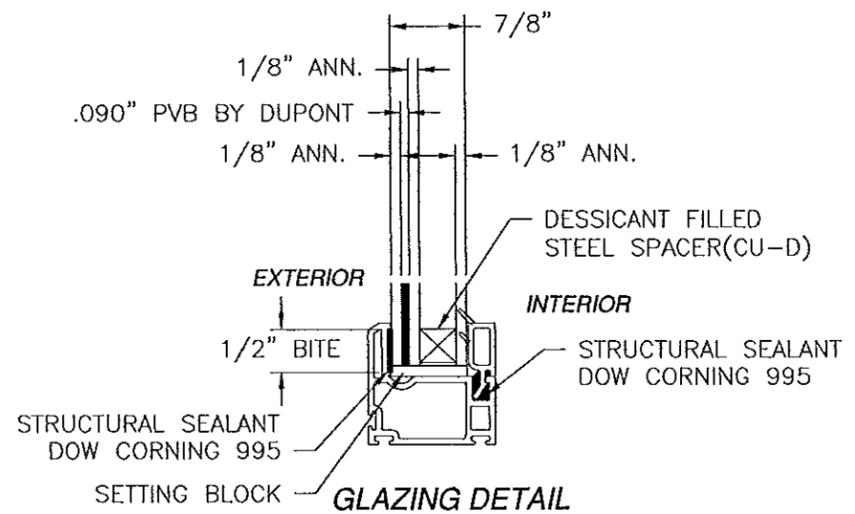
MISSILE LEVEL D, WIND ZONE 4, AND HVHZ



WINDQUEST V707 SINGLE HUNG WINDOW
EXTERIOR VIEW NAILING FIN INSTALLATION

DESIGN PRESSURE RATING	IMPACT RATING
±70PSF	LARGE AND SMALL MISSILE IMPACT

MISSILE LEVEL D, WIND ZONE 4, AND HVHZ



SIGNED: 10/11/2013

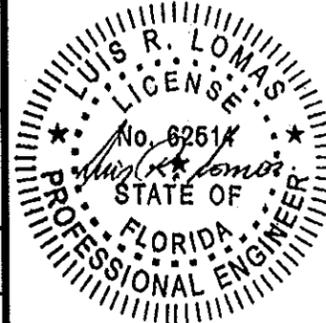
PRODUCT REVISED
as complying with the Florida
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Acceptance No. 13-0805-05
Expiration Date 02/30/2018
By *[Signature]*
Miami Dade Product Control

KOLBE & KOLBE MILLWORK
1211 DEPOT ST
MANAWA, MI 54949

WINDQUEST V707 SINGLE HUNG WINDOW
52 X 75
ELEVATIONS AND NOTES

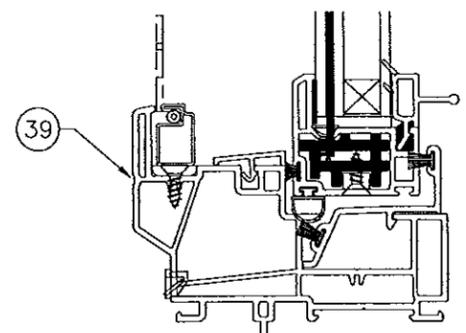
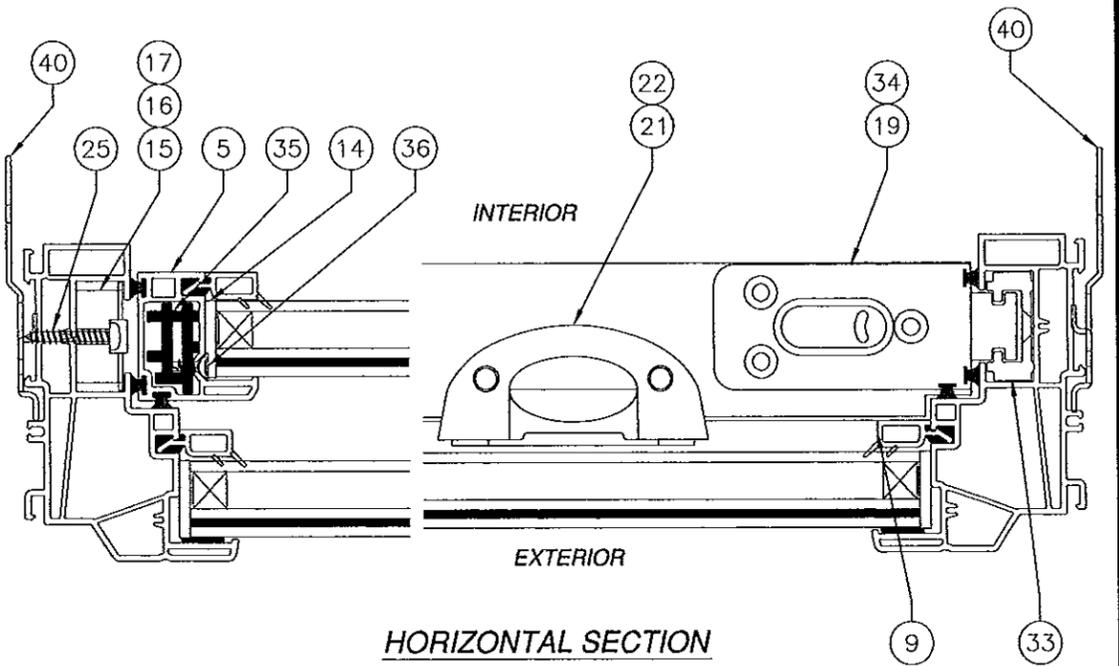
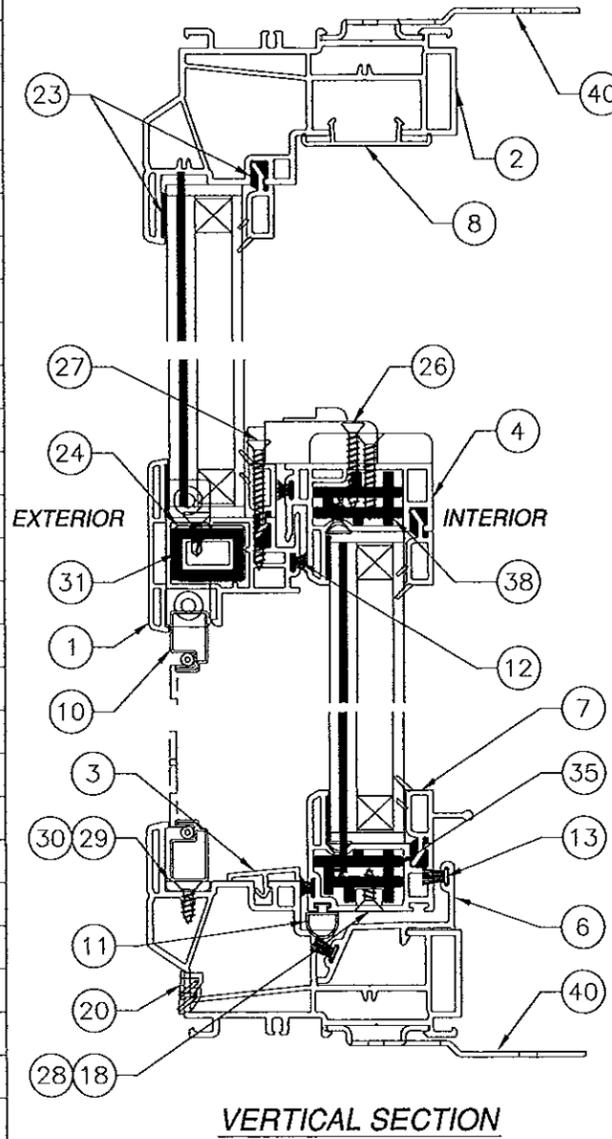
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SCALE NTS DATE 08/02/11 SHEET 2 OF 9



PARTS LIST				
NO.	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	4254	MULLION	ROYAL	WHITE PVC
2	4202	FRAME	ROYAL	WHITE PVC
3	4008	EXTERIOR SILL	ROYAL	WHITE PVC
4	4084A	SASH INTERLOCK	ROYAL	WHITE PVC
5	4027A	SASH FRAME	ROYAL	WHITE PVC
6	4019	SILL ADAPTOR	ROYAL	WHITE PVC
7	4022	7/8" GLAZING BEAD	ROYAL	WHITE PVC
8	4010	SASH STOP	ROYAL	WHITE PVC
9	4013	7/8" GLAZING BEAD	ROYAL	WHITE PVC
10		7/16" SCREEN FRAME		
11	LDB-100109T	WHEATHERSTRIP	SCHLEGEL	
12	HF-7320-187	WHEATHERSTRIP	SCHLEGEL	
13	PB-8830-187	WHEATHERSTRIP	SCHLEGEL	
14	19X25.4X3.2mm	SETTING BLOCK		80 DUROMETER
15	090101	BALANCE	FERCO	
16	090151	BALANCE SUPPORT	FERCO	
17	090155	TILT SHOE	FERCO	
18	M090161	PIVOT	FERCO	
19		TILT LATCH	FASCO	
20	97-03-00-00	VALVE	GEARMOLD	
21	SL047500	LOCK	ROTO	
22	SL047550	KEEPER	ROTO	
23	995	STRUCTURAL SEALANT	DOW CORNING	
24	4052	MULLION CONNECTOR		
25		BALANCE SCREWS PH #8 X 1"		
26		LOCK SCREWS FH #6 X 1"		
27		KEEPER SCREWS FH #6 X 1 1/2"		
28		PIVOT SCREWS FH #8 X 1/2"		
29		SCREEN SUPPORT FH #8 X 1/2"		
30	4053	SCREEN SUPPORT		
31	A112	MULLION REINFORCEMENT		ALUMINUM 6063-T5
32		RECEPTACLE SCREWS FH #10 X 2"		
33		RECEPTACLE	FASCO	
34		TILT LATCH SCREWS FH #8 X 1"		
35	A110	SASH REINFORCEMENT		ALUMINUM 6063-T5
36		REINFORCEMENT SCREWS #8 X 1/2"		
37		MULLION SCREWS PH #10 X 3"		
38	A111	MEETING RAIL REINFORCEMENT		ALUMINUM 6063-T5
39	4202E	FRAME, NAILING FIN	ROYAL	WHITE PVC
40	4560	INSTALLATION STRIP		STEEL G60

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SIGNED: 10/11/2013

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0805.05
Expiration Date Oct. 30, 2018
By *Manuel Perez*
Miami Dade Product Control

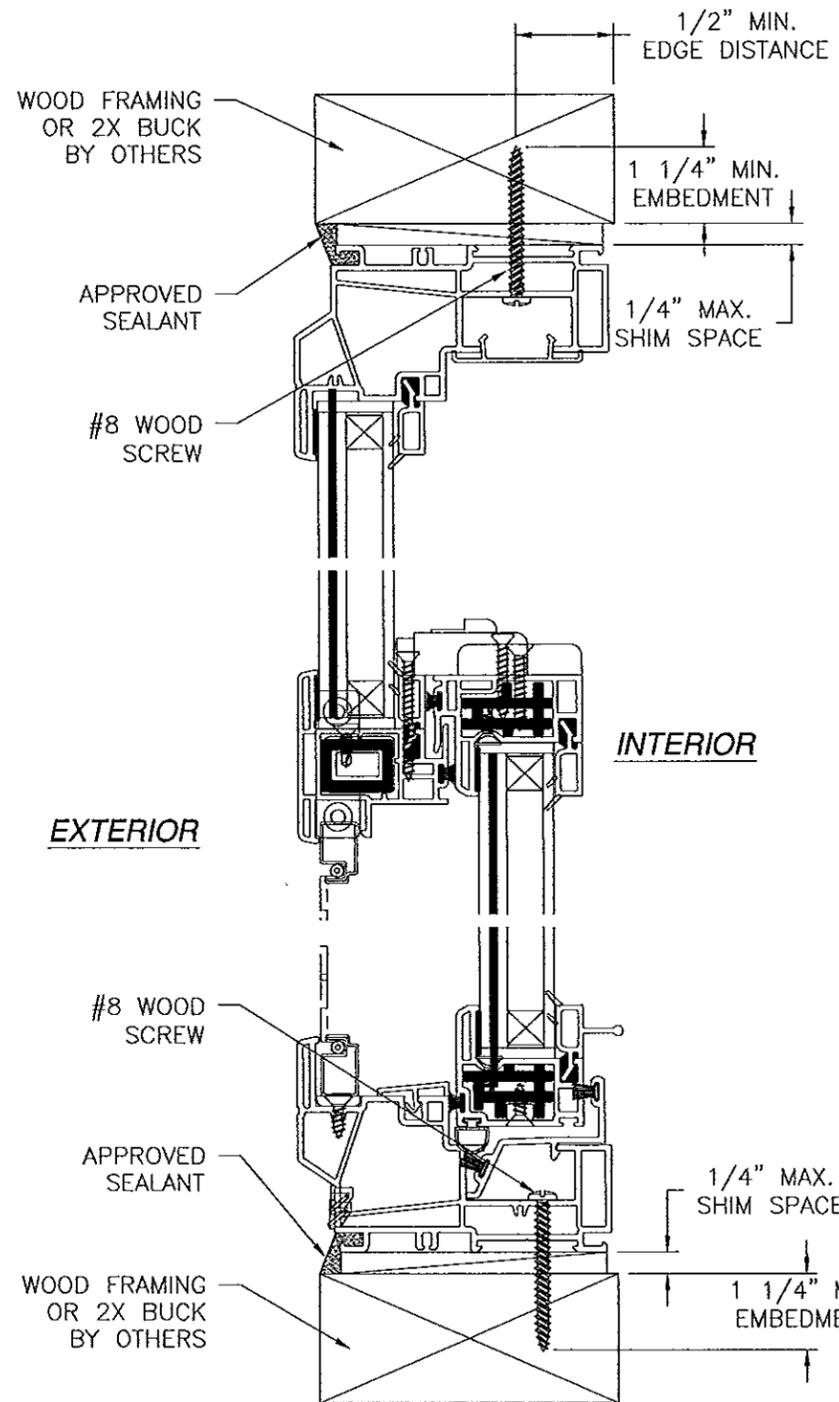
KOLBE & KOLBE MILLWORK
1211 DEPOT ST
MANAWA, MI 54949

WINDQUEST V707 SINGLE HUNG WINDOW
52 X 75
CROSS SECTIONS AND B.O.M.

DRAWN: R.L.	DWG NO. 08-01320	REV B
SCALE NTS	DATE 08/02/11	SHEET 3 OF 9

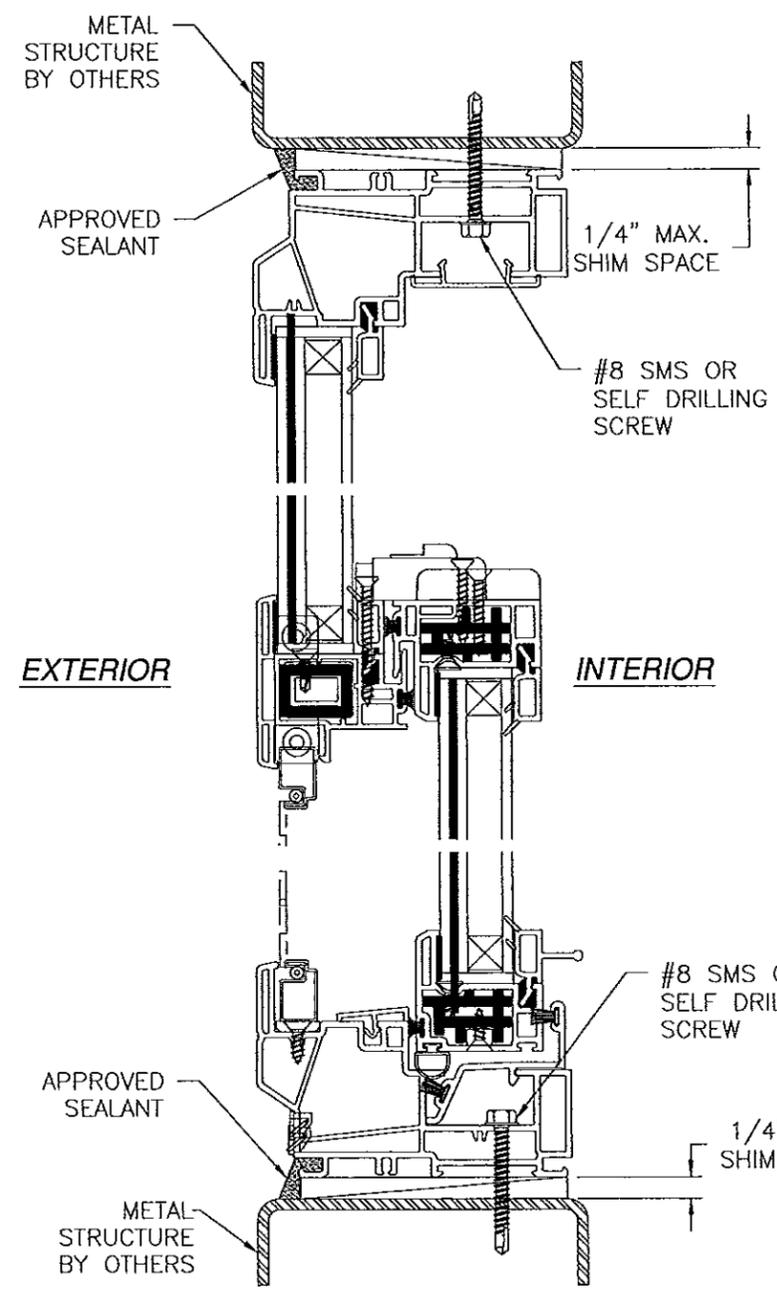


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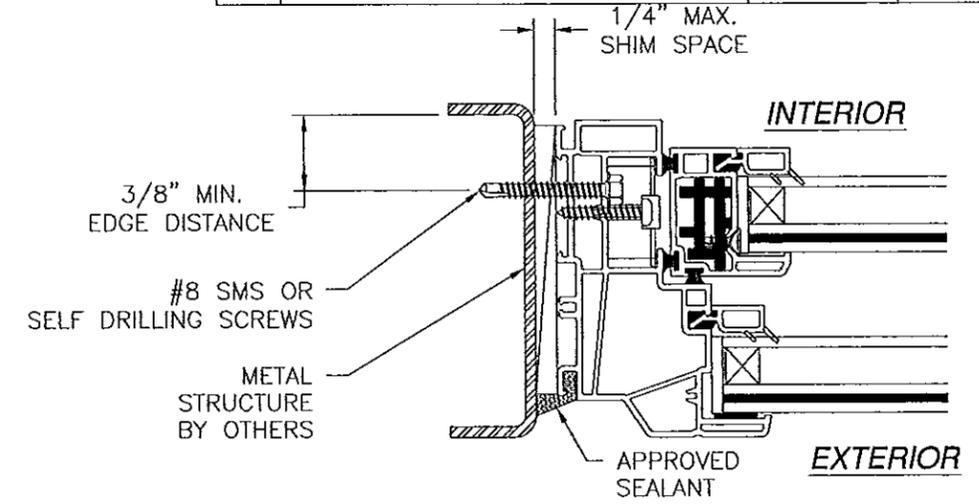


A
4 SECTION
FLUSH INSTALLATION
WOOD FRAMING OR 2X BUCK

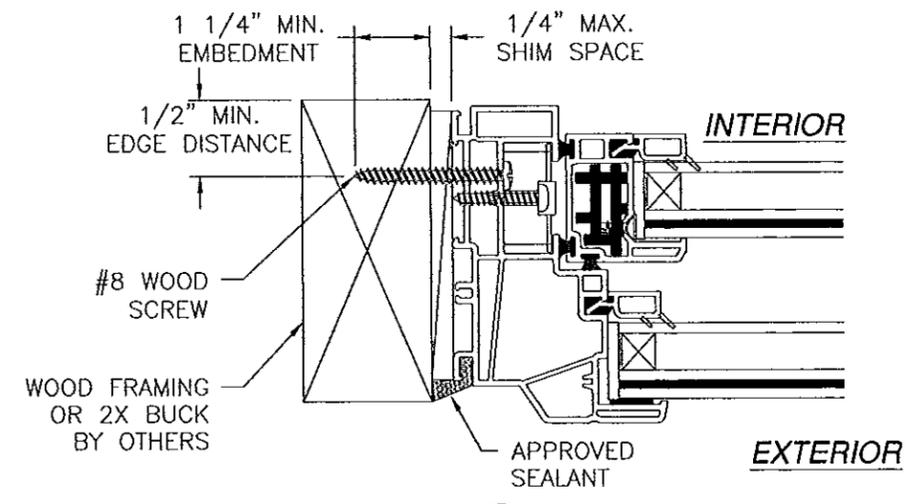
NOTE:
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT
SHOWN FOR CLARITY.



A
4 SECTION
FLUSH INSTALLATION
METAL STRUCTURE



B
4 SECTION
FLUSH INSTALLATION
METAL STRUCTURE



B
4 SECTION
FLUSH INSTALLATION
WOOD FRAMING OR 2X BUCK

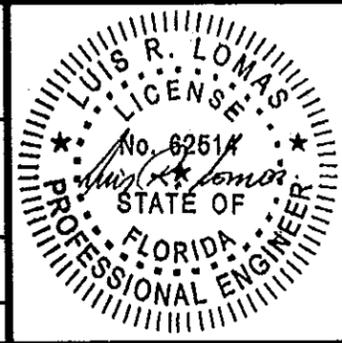
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Expiration Date 07/30/2018
By *Manuel Torres*
Miami Dade Product Control

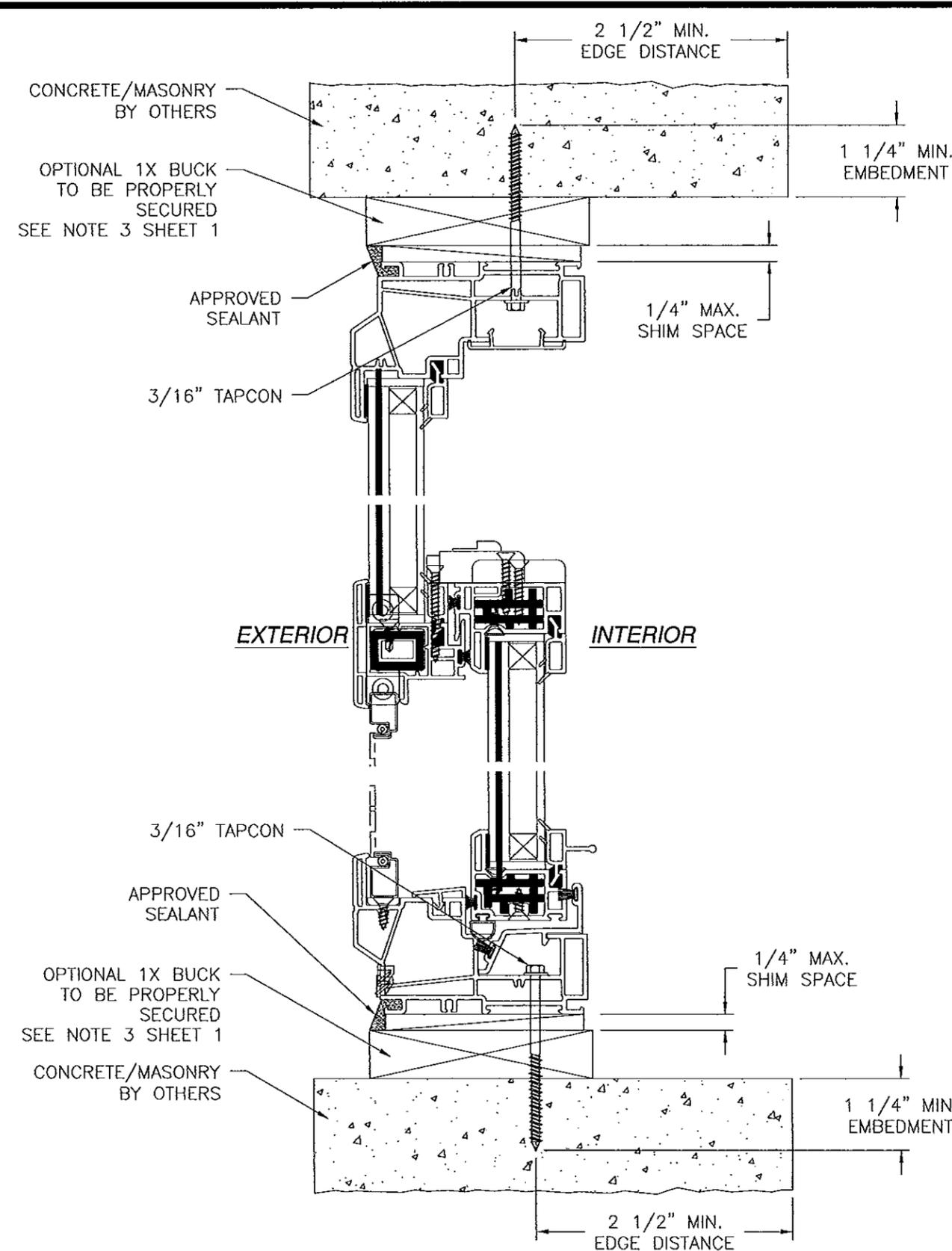
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WINDQUEST V707 SINGLE HUNG WINDOW
52 X 75
INSTALLATION DETAILS

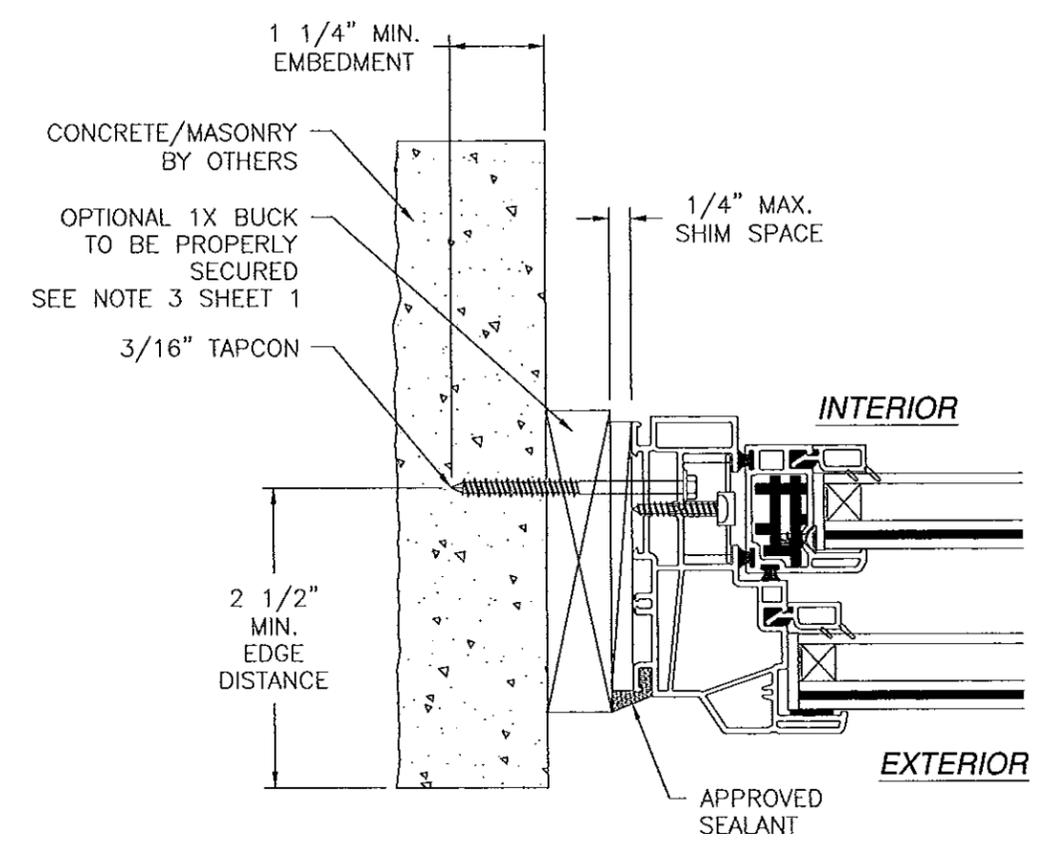
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SCALE NTS	DATE 08/02/11	SHEET 4 OF 9



REVISIONS			
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A
5 SECTION
FLUSH INSTALLATION
CONCRETE/MASONRY



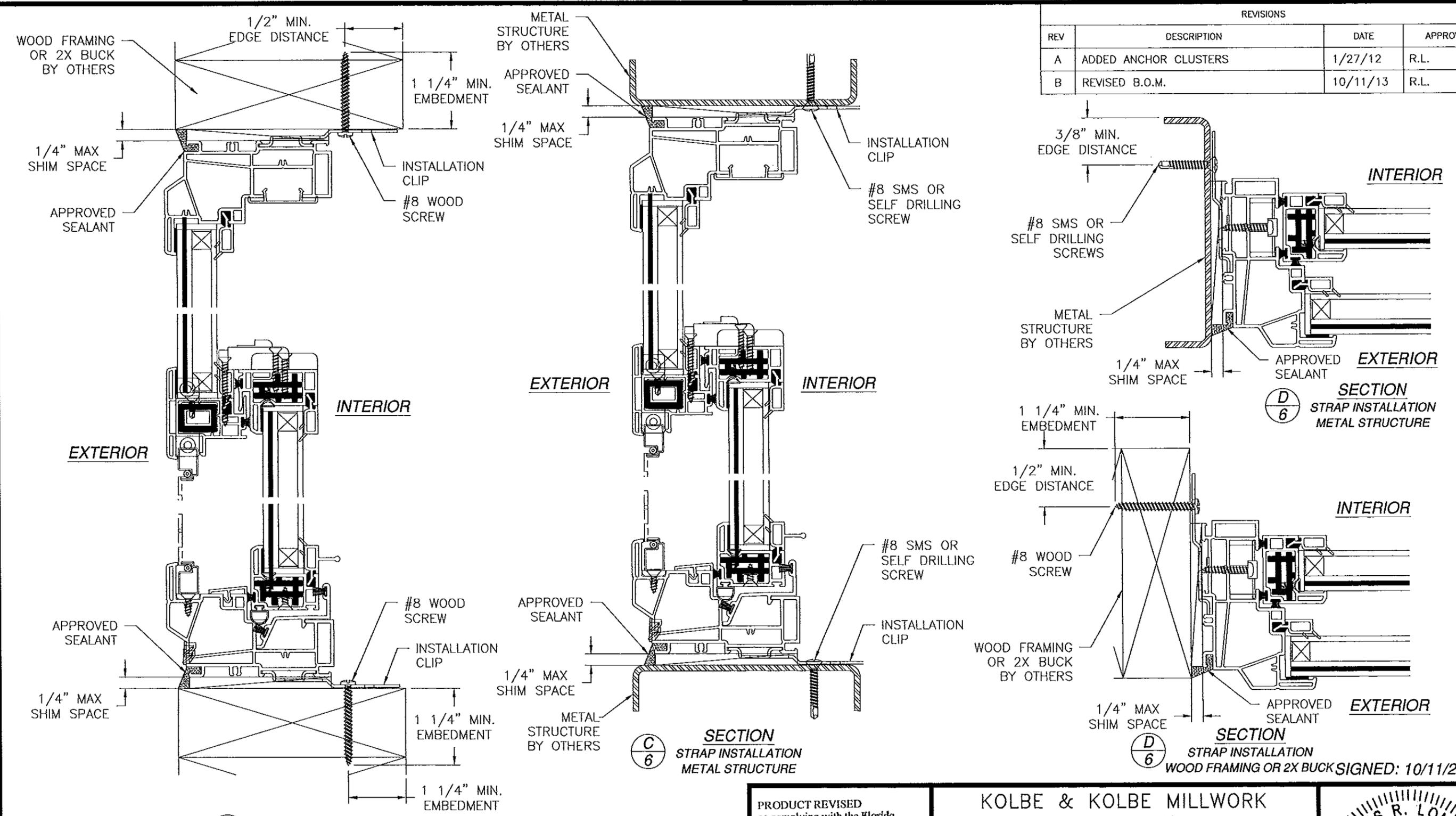
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5 SECTION
FLUSH INSTALLATION
CONCRETE/MASONRY

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SIGNED: 10/11/2013

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 13-0805.05 Expiration Date 02/30/2018 By <i>Maurice Perez</i> Miami Dade Product Control	KOLBE & KOLBE MILLWORK 1211 DEPOT ST MANAWA, MI 54949		
	WINDQUEST V707 SINGLE HUNG WINDOW 52 X 75 INSTALLATION DETAILS		
DRAWN: R.L.	DWG NO. 08-01320	REV B	SCALE NTS DATE 08/02/11 SHEET 5 OF 9

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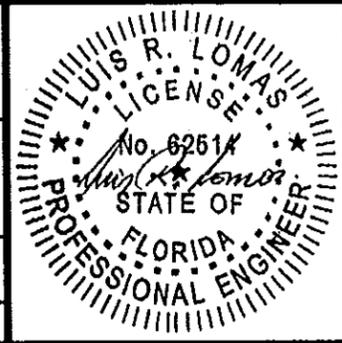
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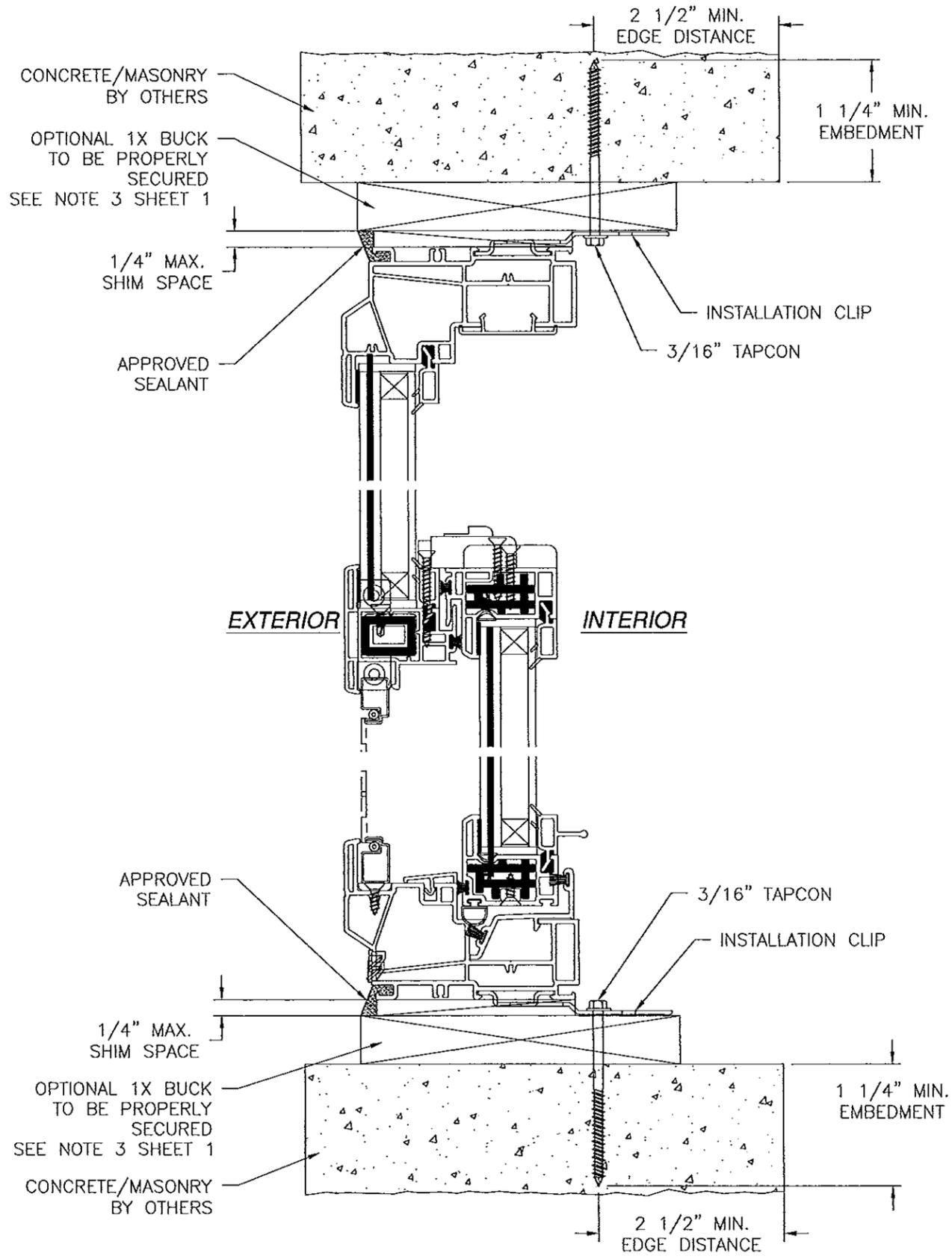
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WINDQUEST V707 SINGLE HUNG WINDOW
52 X 75
INSTALLATION DETAILS

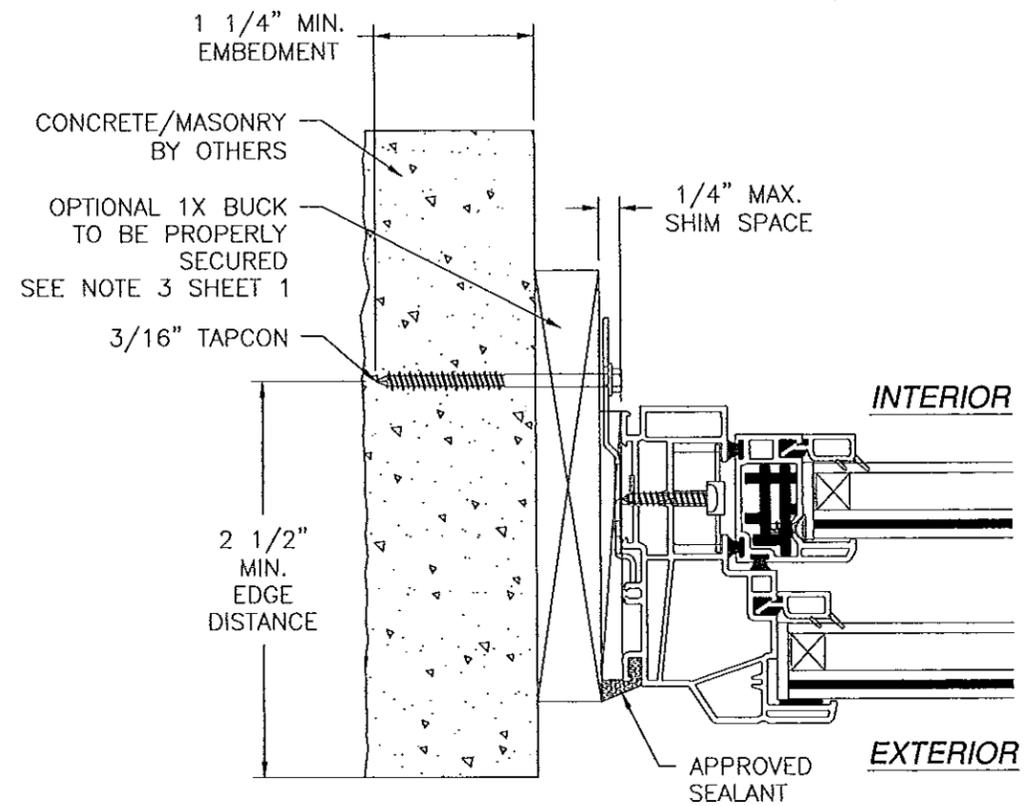
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SCALE NTS	DATE 08/02/11	SHEET 6 OF 9



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C
7
SECTION
STRAP INSTALLATION
CONCRETE/MASONRY



D
7
SECTION
STRAP INSTALLATION
CONCRETE/MASONRY

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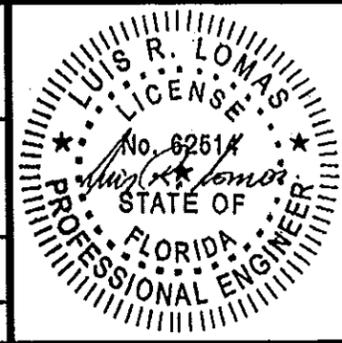
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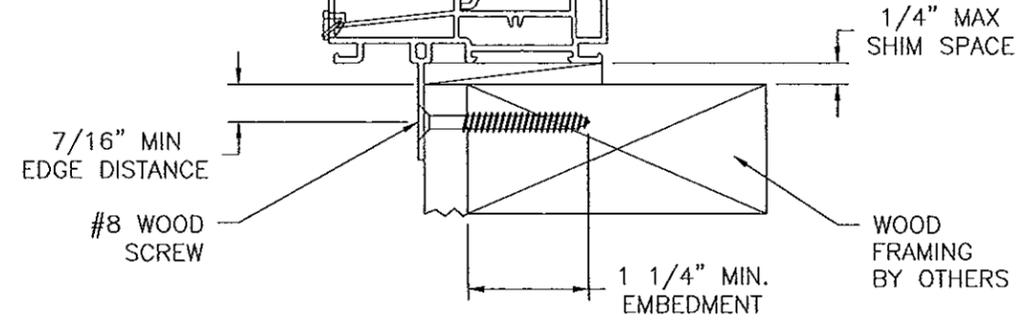
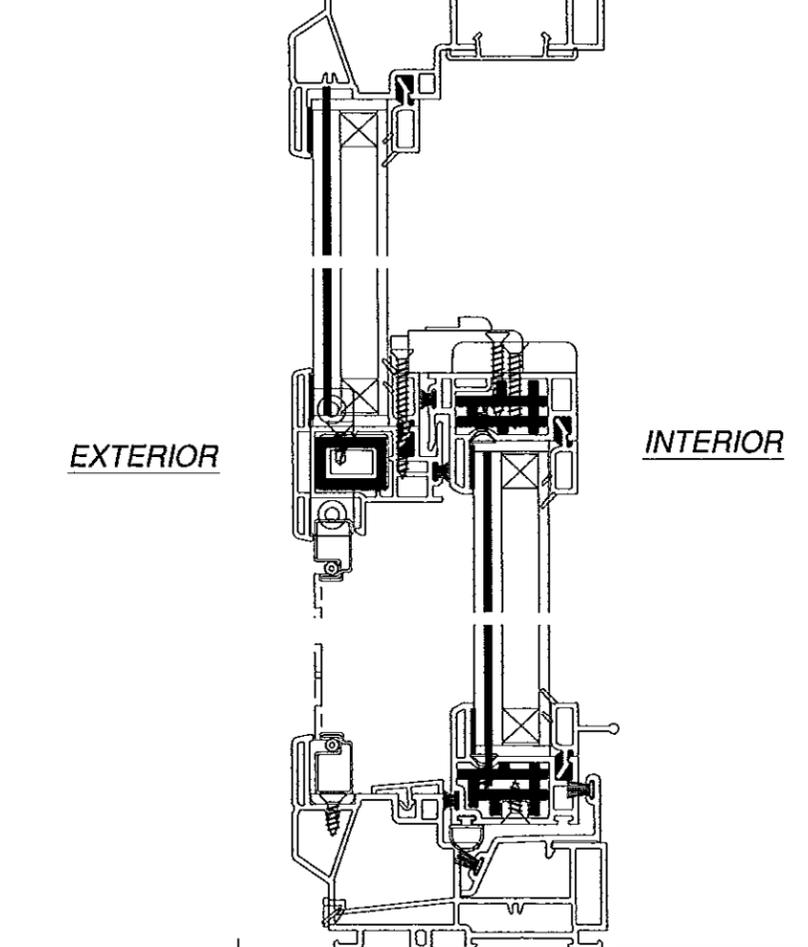
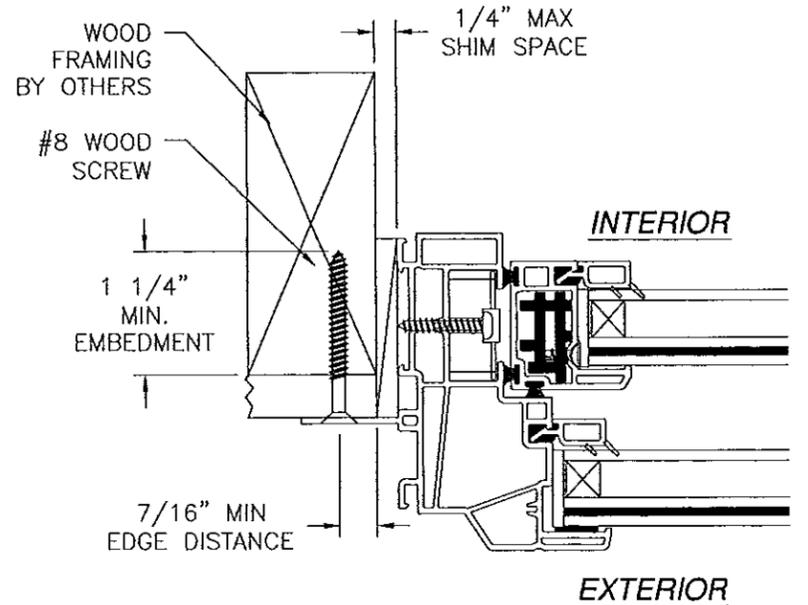
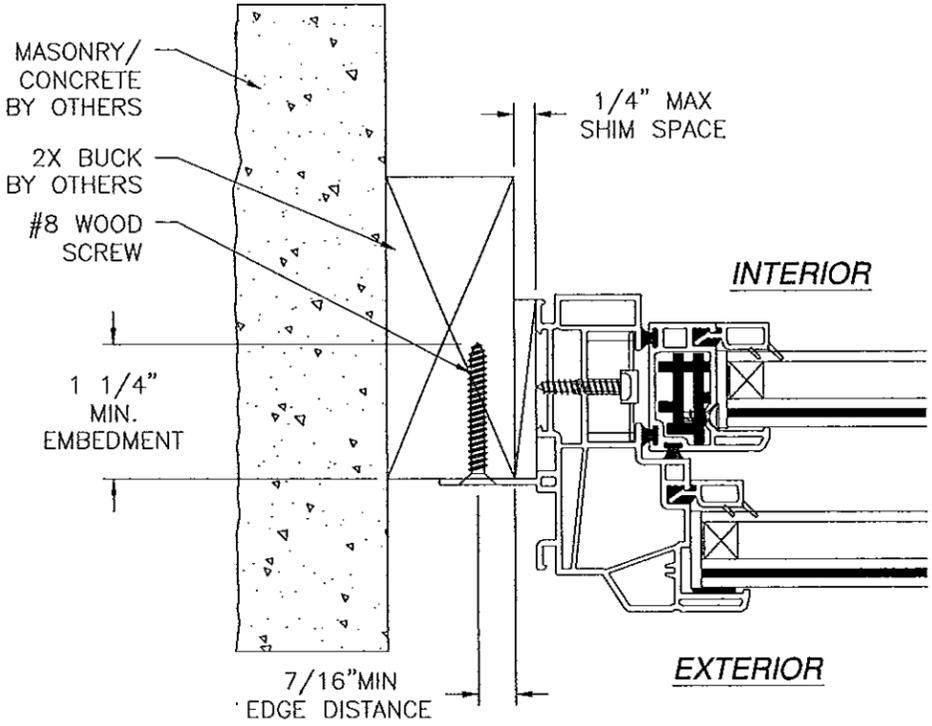
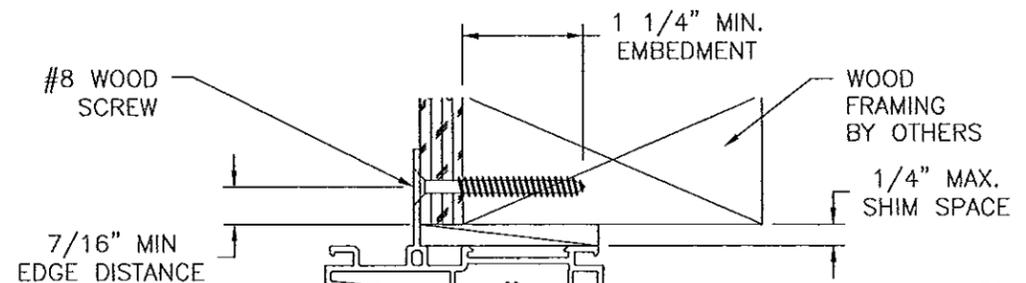
KOLBE & KOLBE MILLWORK
1211 DEPOT ST
MANAWA, MI 54949

WINDQUEST V707 SINGLE HUNG WINDOW
52 X 75
INSTALLATION DETAILS

DRAWN: R.L.	DWG NO. 08-01320	REV B
SCALE NTS	DATE 08/02/11	SHEET 7 OF 9



REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED ANCHOR CLUSTERS	1/27/12	R.L.
B	REVISED B.O.M.	10/11/13	R.L.



F
8 SECTION
NAIL FIN INSTALLATION
WOOD FRAMING OR 2X BUCK

F
8 SECTION
NAIL FIN INSTALLATION
WOOD FRAMING OR 2X BUCK

E
8 SECTION
NAIL FIN INSTALLATION
WOOD FRAMING OR 2X BUCK

NOTE:
INTERIOR AND EXTERIOR FINISHES, BY OTHERS, NOT
SHOWN FOR CLARITY.

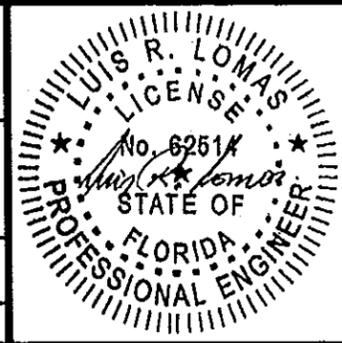
SIGNED: 10/11/2013

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 13-0805-05
Expiration Date Oct. 30, 2018
By *Manuel Ruiz*
Miami Dade Product Control

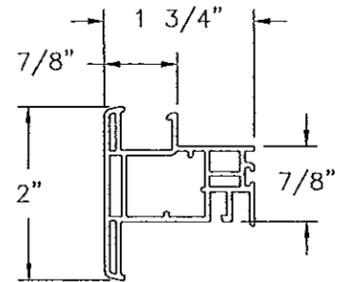
KOLBE & KOLBE MILLWORK
1211 DEPOT ST
MANAWA, MI 54949

WINDQUEST V707 SINGLE HUNG WINDOW
52 X 75
INSTALLATION DETAILS

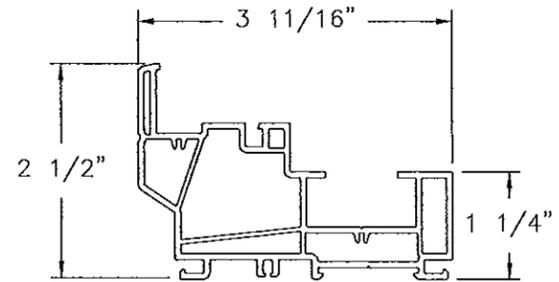
DRAWN: R.L.	DWG NO. 08-01320	REV B
SCALE NTS	DATE 08/02/11	SHEET 8 OF 9



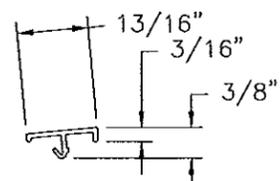
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	ADDED ANCHOR CLUSTERS	1/27/12	R.L.
B	REVISED B.O.M.	10/11/13	R.L.



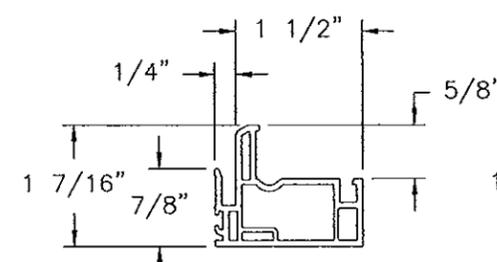
① **MULLION**
VINYL PVC .059 THICK



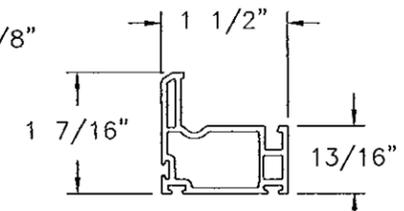
② **FRAME**
VINYL PVC .069 THICK



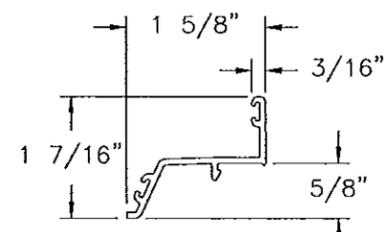
③ **EXTERIOR SILL**
VINYL PVC .051 THICK



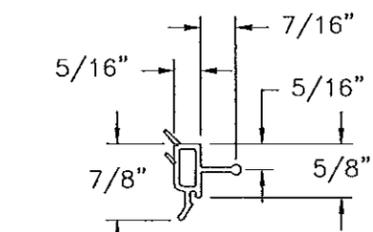
④ **SASH INTERLOCK**
VINYL PVC .069 THICK



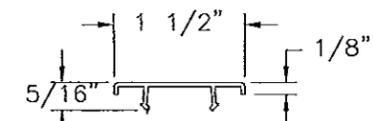
⑤ **SASH FRAME**
VINYL PVC .069 THICK



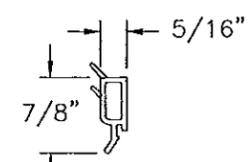
⑥ **SILL ADAPTER**
VINYL PVC .069 THICK



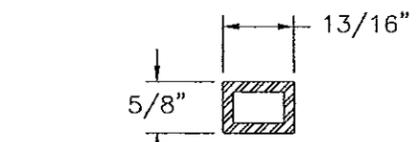
⑦ **7/8\"/>**



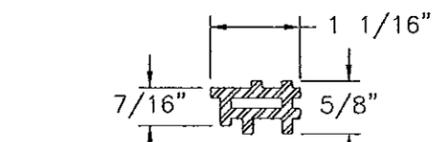
⑧ **SASH STOP**
VINYL PVC .047 THICK



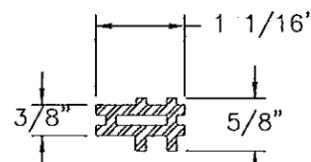
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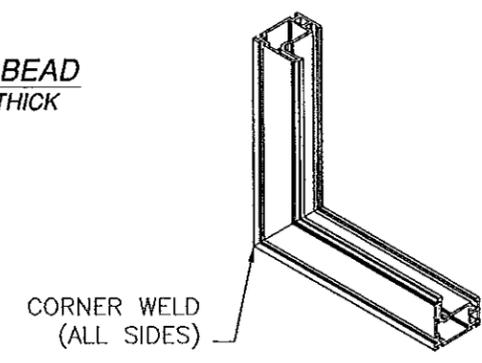
③① **MULLION REINFORCEMENT**
AL 6063-T5 .118 THICK



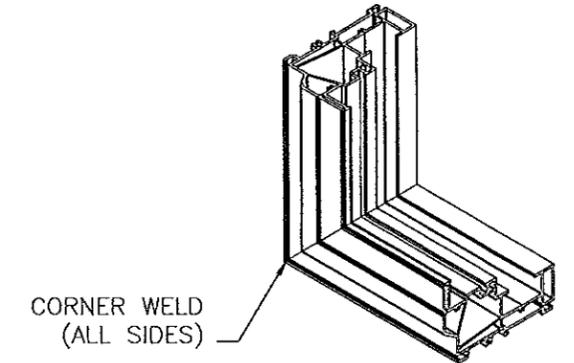
③⑤ **SASH REINFORCEMENT**
AL 6063-T5 .118 THICK



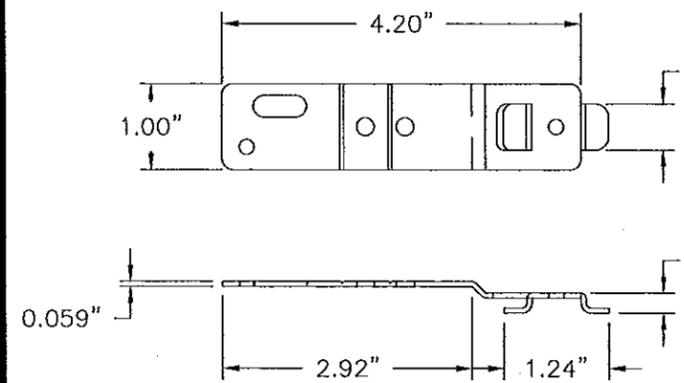
③⑧ **RAIL REINFORCEMENT**
AL 6063-T5 .118 THICK



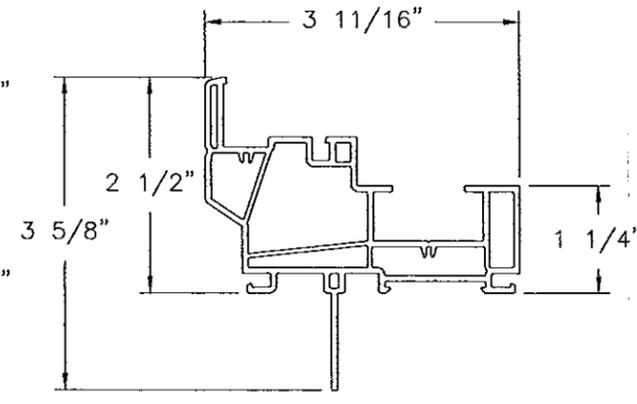
SASH CORNER CONSTRUCTION



FRAME CORNER CONSTRUCTION



④① **INSTALLATION STRIP**
GALVANIZED STEEL G60



③⑨ **FRAME (NAILING FIN)**
VINYL PVC .069 THICK

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 13-0805-05
Expiration Date Oct. 30, 2018
By Mauro J...
Miami Dade Product Control

KOLBE & KOLBE MILLWORK
1211 DEPOT ST
MANAWA, MI 54949

WINDQUEST V707 SINGLE HUNG WINDOW
52 X 75
COMPONENTS

DRAWN: R.L.	DWG NO. 08-01320	REV B
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SCALE NTS DATE 08/02/11 SHEET 9 OF 9

SIGNED: 10/11/2013

