



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

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY, FLORIDA
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 "9063" Thermally Broken Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 9063-NOA, titled Series "9063 Fixed Thermally Broken Window (LM)", sheets 01 through 10 of 10, dated 08/15/19, prepared, signed and sealed by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control Section 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, 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#17-1219.21 and consists of this page 1 and evidence page E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Sifang Zhao, P. E.**

S.Z.
09/12/2019



NOA No. 19-0821.01
Expiration Date: October 16, 2024
Approval Date: September 12, 2019
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOAs

A. DRAWINGS

1. Manufacturer's die drawings and sections. *(Submitted under NOA No. 14-0107.13)*
2. Drawing No. **08-02252**, titled Series "9063 Fixed Thermally Broken Window Single & Twin – LMI", sheets 01 through 10 of 10, dated 11/04/13 with revision **B** dated 02/19/18, prepared by manufacture, 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 fixed window, prepared by National Certified Testing Laboratories, Inc., Test Report No. **NCTL-210-3881-01**, dated 09/13/13, signed and sealed by Gerard J. Ferrara, P. E. *(Submitted under NOA No. 14-0107.13)*

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC-2010** and with **FBC 5th Edition (2014)**, dated 11/26/13, prepared, signed, sealed and dated 10/02/14 by Luis R. Lomas, P. E. *(Submitted under NOA No. 14-0107.13)*
2. Anchor verification, complying with **FBC 6th edition (2017)** dated 11/29/17, prepared, signed and sealed by Luis R. Lomas, P.E. *(Submitted under NOA No. 17-1219.21)*
3. **Glazing complies with ASTM E1300-04/ 09**

D. QUALITY ASSURANCE

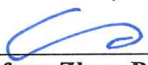
1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. NOA No. **11-0624.02** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "DuPont SentryGlas® Interlayer" dated 08/25/11, expiring on 01/14/17.

F. STATEMENTS

1. Statement letter of no financial interest, independence, conformance and complying with **FBC-2010** and with **FBC 5th Edition (2014)**, dated 04/14/14, issued, signed and sealed by Luis R. Lomas, P. E. *(Submitted under NOA No. 14-0107.13)*
2. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, and of no financial interest, dated 11/27/2017, issued, signed and sealed by Luis R. Lomas, P.E. *(Submitted under NOA No. 17-1219.21)*


Sifang Zhao, P. E.
Product Control Examiner
NOA No. 19-0821.01
Expiration Date: October 16, 2024
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

3. Laboratory compliance letter for Test Report No. **NCTL-210-3900-01**, issued by National Certified Testing Laboratories, Inc., dated 09/23/13, signed and sealed by Gerard J. Ferrara, P. E. (*Submitted under NOA No. 14-0107.13*)

G. OTHERS

1. NOA No. **14-0107.13**, issued to WinDoor, Inc. for their Series “9063” Thermally Broken Aluminum Fixed Window - L.M.I. approved on 10/16/14 and expiring on 10/16/19.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **9063-NOA**, titled Series “9063 Fixed Thermally Broken Window (LM)”, sheets 01 through 10 of 10, dated 08/15/19, prepared, signed and sealed Anthony Lynn Miller, P. E.

B. TESTS

1. None

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS


1. NOA No. **17-0808.02** issued to **Kuraray America, Inc.** for their “**SentryGlas® (Clear and White) Glass Interlayers**” dated 12/28/17, expiring on 07/04/23.

F. STATEMENTS

1. Statement letter of conformance, complying with **FBC 6th Edition (2017)**, and of no financial interest, dated 08/15/19, issued, signed and sealed by Anthony Lynn Miller, P.E
2. Successor Engineer letter to Luis R. Lomas, P.E. from Anthony Lynn Miller, P.E. dated 08/16/19.

G. OTHERS

1. NOA No. **17-1219.21**, issued to WinDoor, Inc. for their Series “9063” Thermally Broken Aluminum Fixed Window - L.M.I. approved on 03/08/18 and expiring on 10/16/19.


Sifang Zhao, P. E.
Product Control Examiner
NOA No. 19-0821.01
Expiration Date: October 16, 2024
Approval Date: September 12, 2019

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.
4. WHERE SHIM OR BUCK THICKNESS IS LESS THAN 1-1/2" WINDOW UNITS MUST BE ANCHORED THROUGH THE FRAME IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS. ANCHORS SHALL BE SECURELY FASTENED DIRECTLY INTO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE MATERIAL.
5. WHERE WOOD BUCK THICKNESS IS 1-1/2" OR GREATER, BUCK SHALL BE SECURELY FASTENED TO MASONRY, CONCRETE OR OTHER STRUCTURAL SUBSTRATE. WINDOW UNITS SHALL BE ANCHORED THROUGH FRAME TO SECURED WOOD BUCK IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS.
6. 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.
7. BUCKS SHALL EXTEND BEYOND WINDOW INTERIOR FACE SO THAT FULL FRAME SUPPORT IS PROVIDED.
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. SHIMS SHALL BE MADE FROM MATERIALS CAPABLE OF SUSTAINING APPLICABLE LOADS, LOCATED AND APPLIED IN A THICKNESS CAPABLE OF SUSTAINING APPLICABLE LOADS.
10. WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
11. FRAME MATERIAL: ALUMINUM 6063-T6.
12. UNITS MUST BE GLAZED PER ASTM E1300-04, SEE SHEET 3 FOR GLASS OPTIONS.
13. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
14. FOR ANCHORING INTO WOOD FRAMING OR PROPERLY SECURED 2X BUCK USE #14 WOOD SCREWS GRADE 5 WITH A 1" MINIMUM EDGE DISTANCE AND SUFFICIENT LENGTH TO ACHIEVE A 1 7/16" MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.

15. FOR ANCHORING INTO MASONRY/CONCRETE USE 1/4" ITW 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.
16. FOR ANCHORING INTO METAL STRUCTURE USE #14 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.
17. ALL FASTENERS TO BE CORROSION RESISTANT.
18. 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-90-10, GRADE N, TYPE 1 (OR GREATER) CONCRETE MASONRY UNITS (CMU'S WITH NORMAL WEIGHT AND COMPRESSION STRENGTH Fc OF 1.9KSI MINIMUM.
 - D. METAL STRUCTURE: STEEL 16GA, (.0635") 33KSI OR ALUMINUM 6063-T5 1/8" THICK MINIMUM

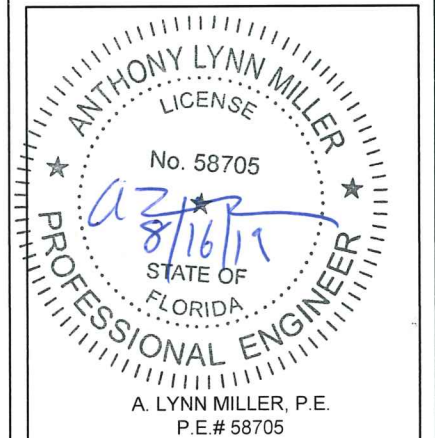
TABLE OF CONTENTS	
SHEET NO.	DESCRIPTION
1	NOTES
2 - 3	ELEVATIONS & CHARTS
4 - 5	B.O.M., CROSS SECTIONS & GLAZING DETAIL
6 - 9	INSTALLATION DETAILS
10	COMPONENTS

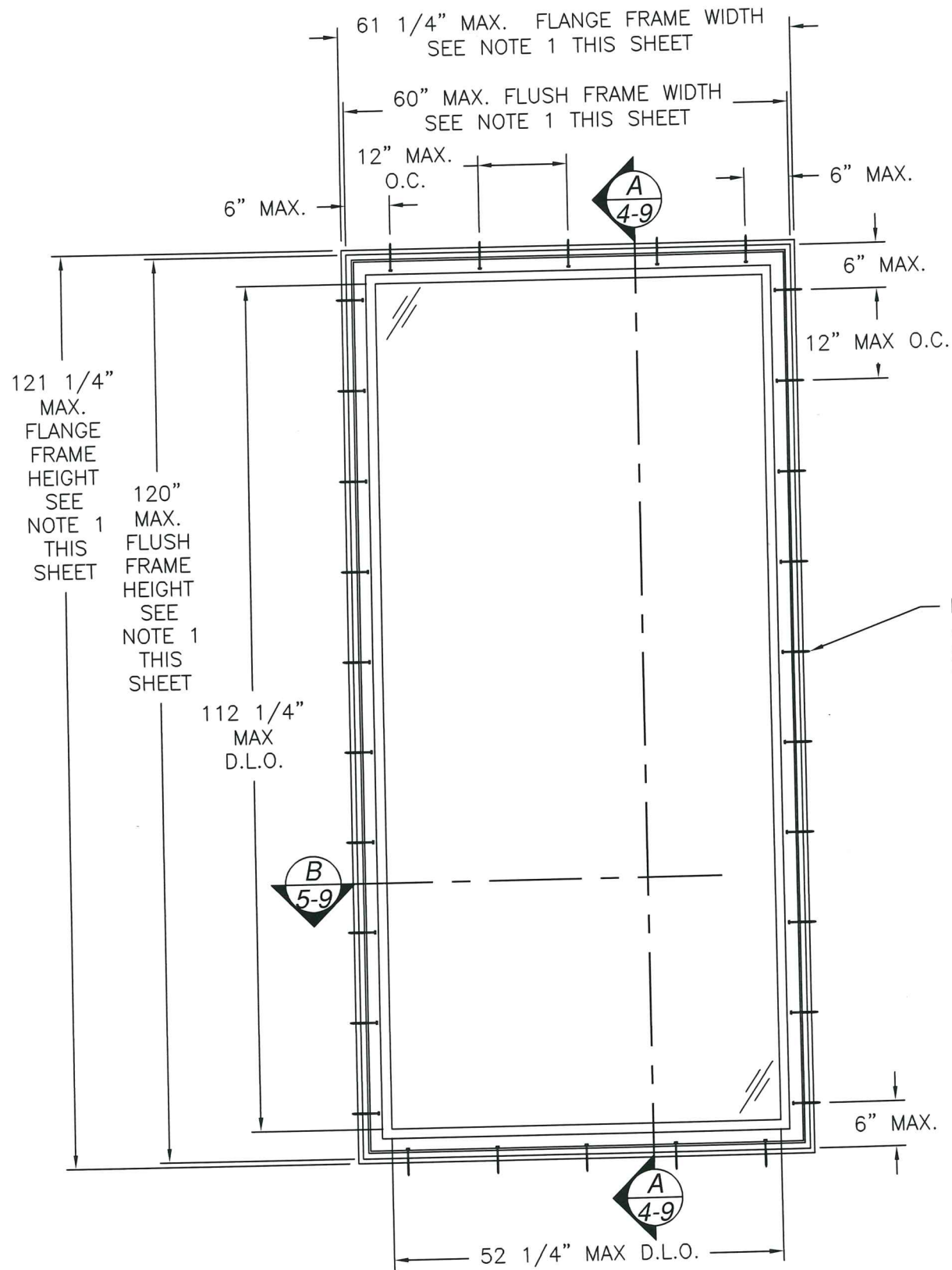
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 19-0821.01
 Expiration Date 10/16/2024

By 
 Miami Dade Product Control

Revision:

WINDOOR® INCORPORATED WINDOOR INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 (407) 481-8400	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	CERT. OF AUTH. #29296 COPYRIGHT © 2019 WINDOOR, INC. ALL RIGHTS RESERVED	Date 08/15/19 By ALAN KINNE	No. 9063-NOA DWG No. 9063	Rev.
	FIXED THERMALLY BROKEN WINDOW (LM)		1 OF 10 Sheet	9063 Series Desc. Title	NOTES





SERIES 9063 FIXED WINDOW
EXTERIOR VIEW

NOTES:
1. DIMENSIONS SHOWN DO NOT INCLUDE FLANGE. FOR UNIT DIMENSIONS FOR FLANGE FRAME ADD 1-1/4\"/>

CHART #1

Maximum design pressure capacity chart (psf)

Height (in)	Panel width (in)											
	30.0		36.0		42.0		48.0		54.0		60.0	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
66.0	135.0	135.0	135.0	135.0	135.0	135.0	132.6	132.6	126.9	126.9	123.8	123.8
72.0	135.0	135.0	135.0	135.0	135.0	135.0	126.6	126.6	120.0	120.0	115.7	115.7
78.0	135.0	135.0	135.0	135.0	132.0	132.0	121.9	121.9	114.7	114.7	109.7	109.7
84.0	135.0	135.0	135.0	135.0	128.6	128.6	118.1	118.1	110.5	110.5	105.0	105.0
90.0	135.0	135.0	135.0	135.0	125.8	125.8	115.1	115.1	107.1	107.1	101.3	101.3
96.0	135.0	135.0	135.0	135.0	123.4	123.4	112.5	112.5	104.3	104.3	98.2	98.2
102.0	135.0	135.0	135.0	135.0	121.4	121.4	110.3	110.3	102.0	102.0	95.6	95.6
108.0	135.0	135.0	135.0	135.0	119.7	119.7	108.5	108.5	100.0	100.0	93.5	93.5
114.0	135.0	135.0	133.6	133.6	118.2	118.2	106.9	106.9	98.3	98.3	91.6	91.6
120.0	135.0	135.0	132.4	132.4	116.9	116.9	105.5	105.5	96.8	96.8	90.0	90.0
126.0	135.0	135.0	131.3	131.3	115.7	115.7	104.2	104.2	95.5	95.5	-	-
132.0	135.0	135.0	130.3	130.3	114.7	114.7	103.1	103.1	94.3	94.3	-	-
138.0	135.0	135.0	129.4	129.4	113.7	113.7	102.1	102.1	-	-	-	-
144.0	135.0	135.0	128.6	128.6	112.9	112.9	101.3	101.3	-	-	-	-

LARGE & SMALL MISSILE IMPACT

CHART #2

Number of anchors required

Frame Height (in)	Frame width (in)											
	30.0		36.0		42.0		48.0		54.0		60.0	
	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb	H&S	Jamb
66.0	3	6	3	6	4	6	4	6	5	6	5	6
72.0	3	6	3	6	4	6	4	6	5	7	5	7
78.0	3	7	3	7	4	7	4	7	5	7	5	7
84.0	3	7	3	7	4	7	4	7	5	8	5	8
90.0	3	8	3	8	4	8	4	8	5	8	5	8
96.0	3	8	3	8	4	8	4	8	5	9	5	9
102.0	3	9	3	9	4	9	4	9	5	9	5	9
108.0	3	9	3	9	4	9	4	9	5	10	5	10
114.0	3	10	3	10	4	10	4	10	5	10	5	10
120.0	3	10	3	10	4	10	4	10	5	11	-	-
126.0	3	11	3	11	4	11	4	11	5	11	-	-
132.0	3	11	3	11	4	11	4	11	-	-	-	-
138.0	3	12	3	12	4	12	4	12	-	-	-	-
144.0	3	12	3	12	4	12	4	12	-	-	-	-

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 19-0821-01 Expiration Date 10/16/2024

By Miami Dade Product Control

Revision:

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

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WINDOOR® INCORPORATED
7500 AMSTERDAM DRIVE
ORLANDO, FL 32832
(407) 481-8400

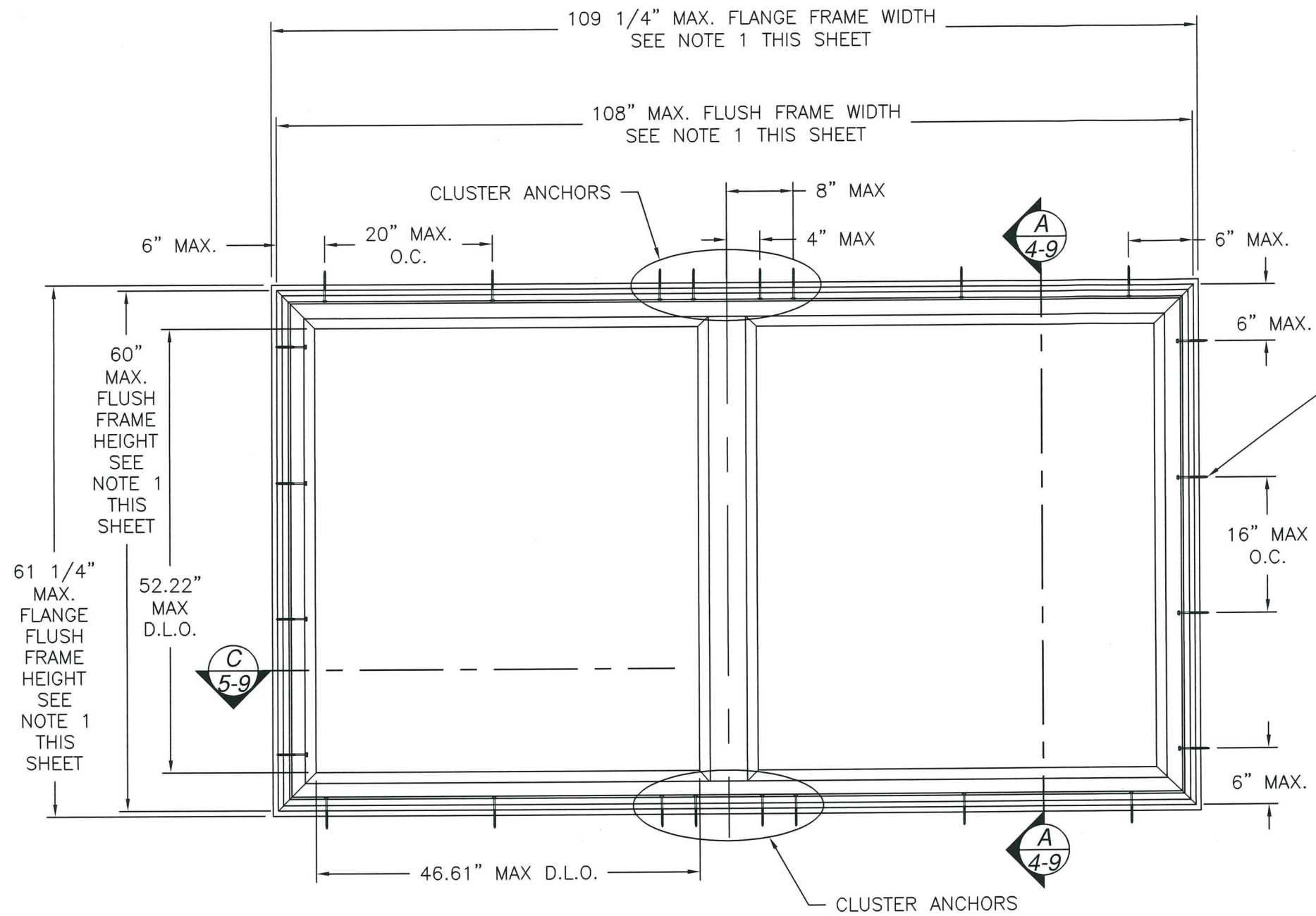
FIXED THERMALLY BROKEN WINDOW (LM)
ELEVATION

ALAN KINNE
8/15/19

9063
2 OF 10
9063-NOA

ANTHONY LYNN MILLER
LICENSE
No. 58705
8/16/19
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 19-0821.01
 Expiration Date 10/16/2024
 By [Signature]
 Miami Dade Product Control



FOR NUMBER OF ANCHORS REQUIRED SEE CHART #4 THIS SHEET

SERIES 9063 FIXED WINDOW
 EXTERIOR VIEW

NOTES:
 1. DIMENSIONS SHOWN DO NOT INCLUDE FLANGE. FOR UNIT DIMENSIONS FOR FLANGE FRAME ADD 1-1/4\"/>

CHART #4

Frame Height (in)	Number of anchor locations required														
	Frame width (in)														
	60.00			72.00			84.00			96.00			108.00		
	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster	H&S	Jamb	Cluster
30.00	2	2	2	2	2	2	3	2	2	3	2	2	3	2	2
36.00	2	2	2	2	2	2	3	2	2	3	2	2	4	2	2
42.00	2	3	3	2	3	3	3	3	3	3	3	3	4	3	3
48.00	2	3	3	2	3	3	3	3	3	3	3	3	4	3	3
54.00	2	4	3	2	4	4	3	4	4	3	4	4	4	4	4
60.00	2	4	4	2	4	4	3	5	5	3	5	5	4	5	5

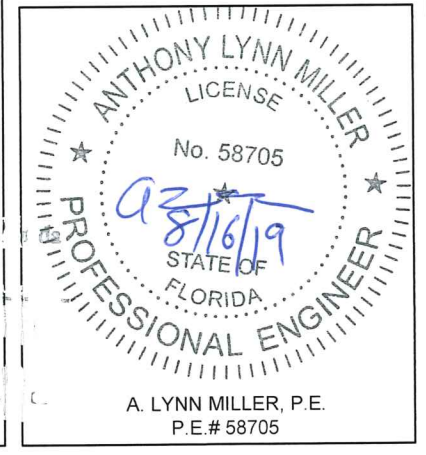
CHART #3

Frame Height (in)	Maximum design pressure (psf)									
	Frame Width (in)									
	60.00		72.00		84.00		96.00		108.00	
	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg	Pos	Neg
30.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
36.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
42.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
48.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
54.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0
60.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0	150.0

LARGE & SMALL MISSILE IMPACT

Revision:

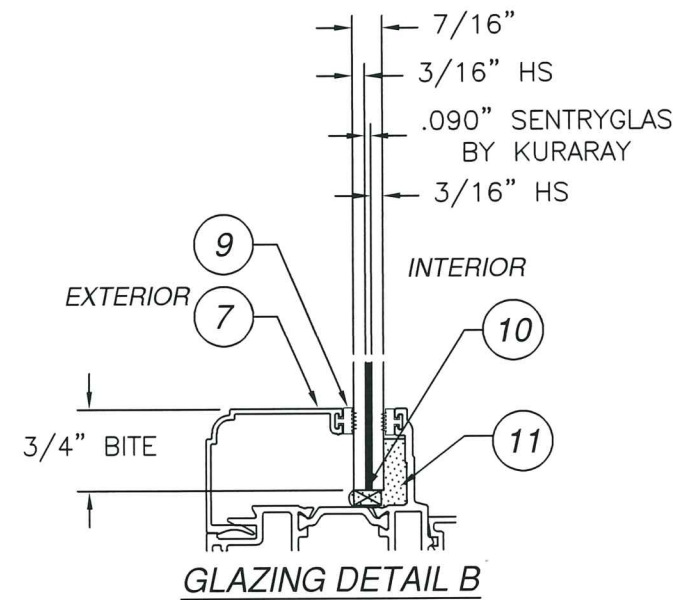
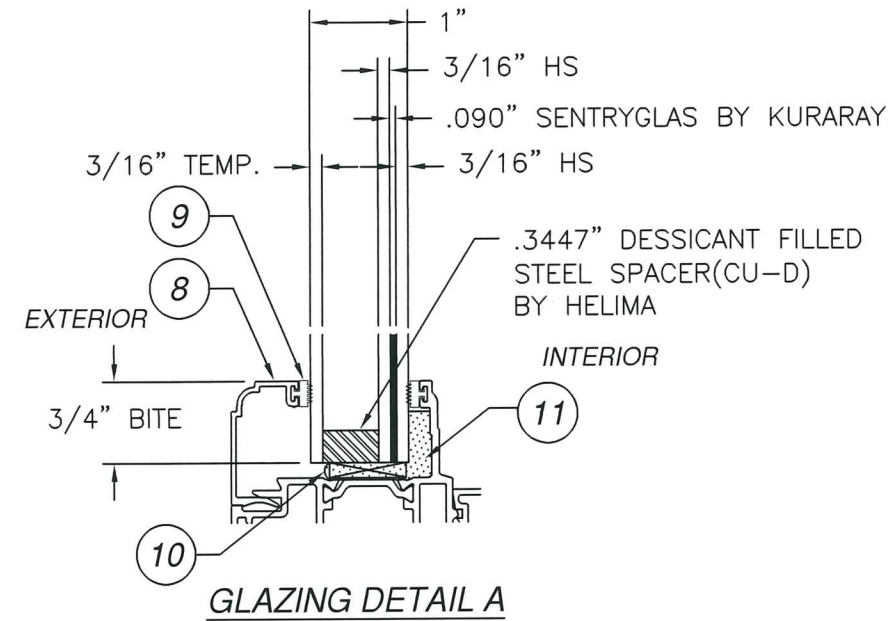
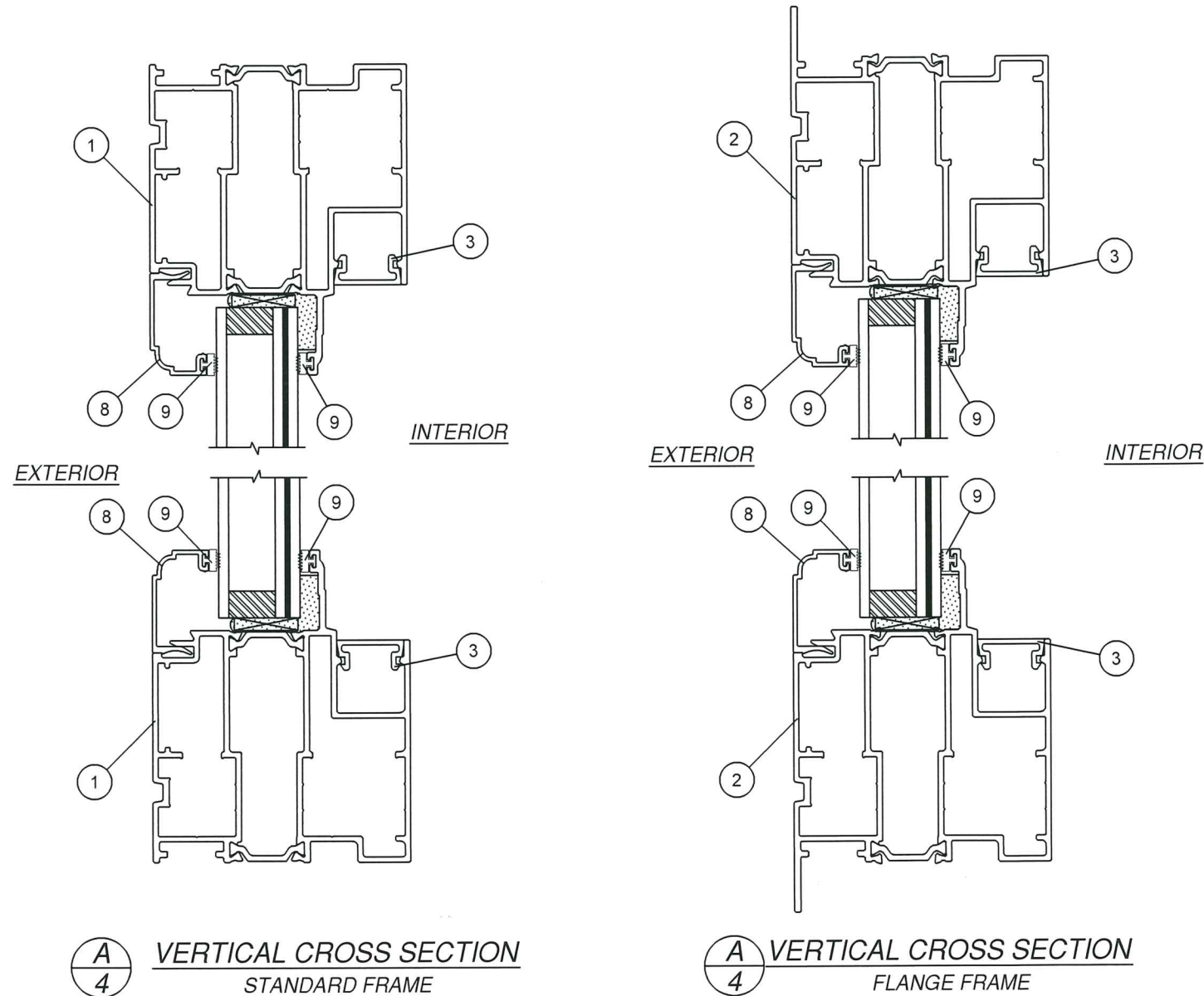
WINDOOR INCORPORATED WINDOOR INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 (407) 481-8400	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	CERT. OF AUTH. #29296 COPYRIGHT © 2019 WINDOOR, INC. ALL RIGHTS RESERVED	08/15/19 Date	ALAN KINNE By	9063-NOA No.
	FIXED THERMALLY BROKEN WINDOW (LM) ELEVATION	3 OF 10 Sheet	9063 Series	9063-NOA Title	9063-NOA Desc

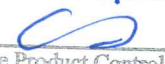


A. LYNN MILLER, P.E.
 P.E. # 58705

BILL OF MATERIALS				
ITEM NO.:	PART NUMBER	DESCRIPTION	MANUFACTURER	MATERIAL
1	9063A1-WDI	FLUSH FRAME ASSEMBLY	KEYMARK	ALUMINUM 6063-T6
2	9063A2-WDI	FLANGE FRAME ASSEMBLY	KEYMARK	ALUMINUM 6063-T6
3	FS-01882	FRAME INSERT	KEYMARK	ALUMINUM 6063-T6
4	9063A3-WDI	COMMON POST	KEYMARK	ALUMINUM 6063-T6
5	FH-07440	EXTERIOR FRAME CORNER KEY	KEYMARK	ALUMINUM 6063-T6
6	FS-07440	INTERIOR FRAME CORNER KEY	KEYMARK	ALUMINUM 6063-T6
7	S-46329	GLASS STOP 7/16"-9/16"	KEYMARK	ALUMINUM 6063-T6
8	S-46084	GLASS STOP 1"	KEYMARK	ALUMINUM 6063-T6
9	TP1051	#6 GLAZING VINYL	TEAM PLASTICS	DUROMETER 85
10	01-100-7755-002	GLASS SHIM DUROMETER 80	FRANK LOWE	DUROMETER 80
11	SIKAFLEX 552	POLYURETHANE	SIKA	SIKAFLEX 552
12	968600	THERMAL STRUT	ENSINGER	POLYAMIDE
13	H-13751	INTERIOR SHEAR BLOCK	KEYMARK	ALUMINUM 6005A-T61
14	H-13749	EXTERIOR SHEAR BLOCK	KEYMARK	ALUMINUM 6005A-T61
15		#10x3/4" PFH SCREW		STAINLESS STEEL
16		#10X2" PPH SCREW		STAINLESS STEEL
17		#10X3" PPH SCREW		STAINLESS STEEL

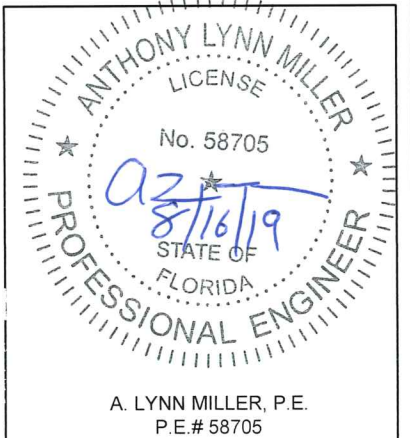
FOR ILLUSTRATION PURPOSES ONLY
FOR INSTALLATION DETAILS REFER TO SHEETS 6 - 9



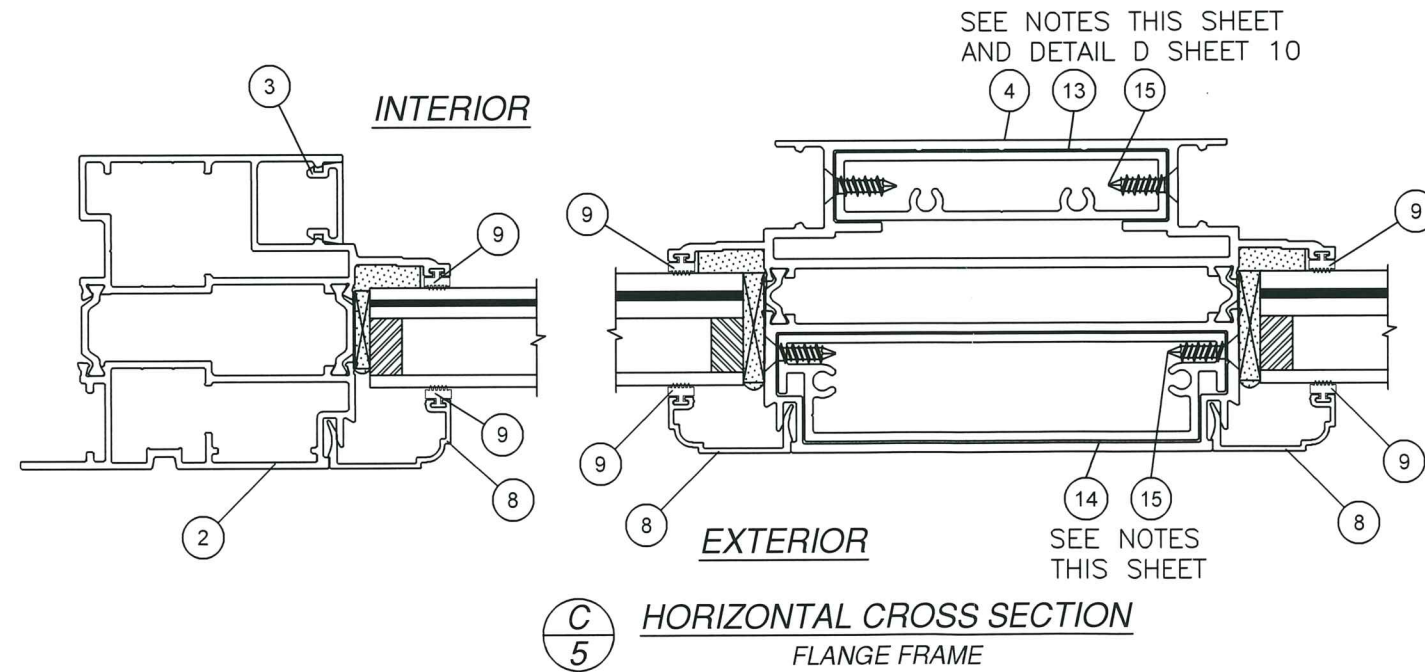
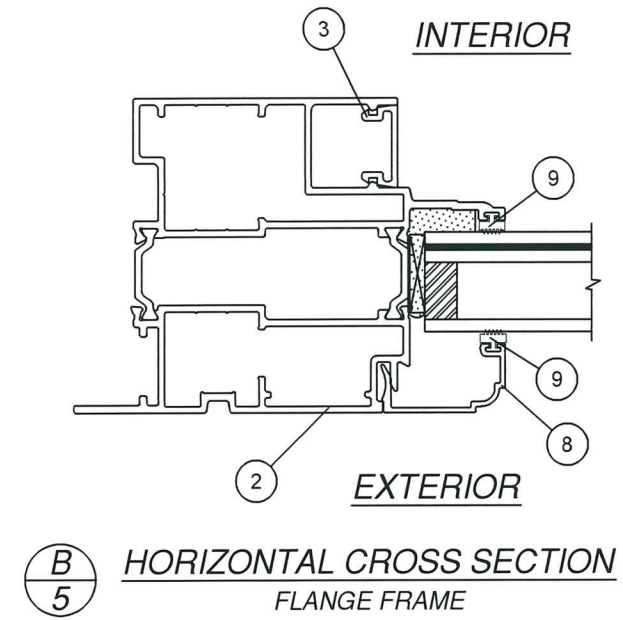
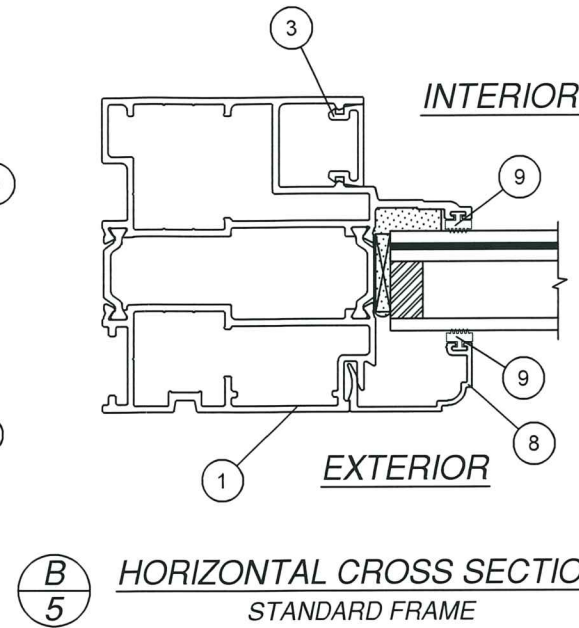
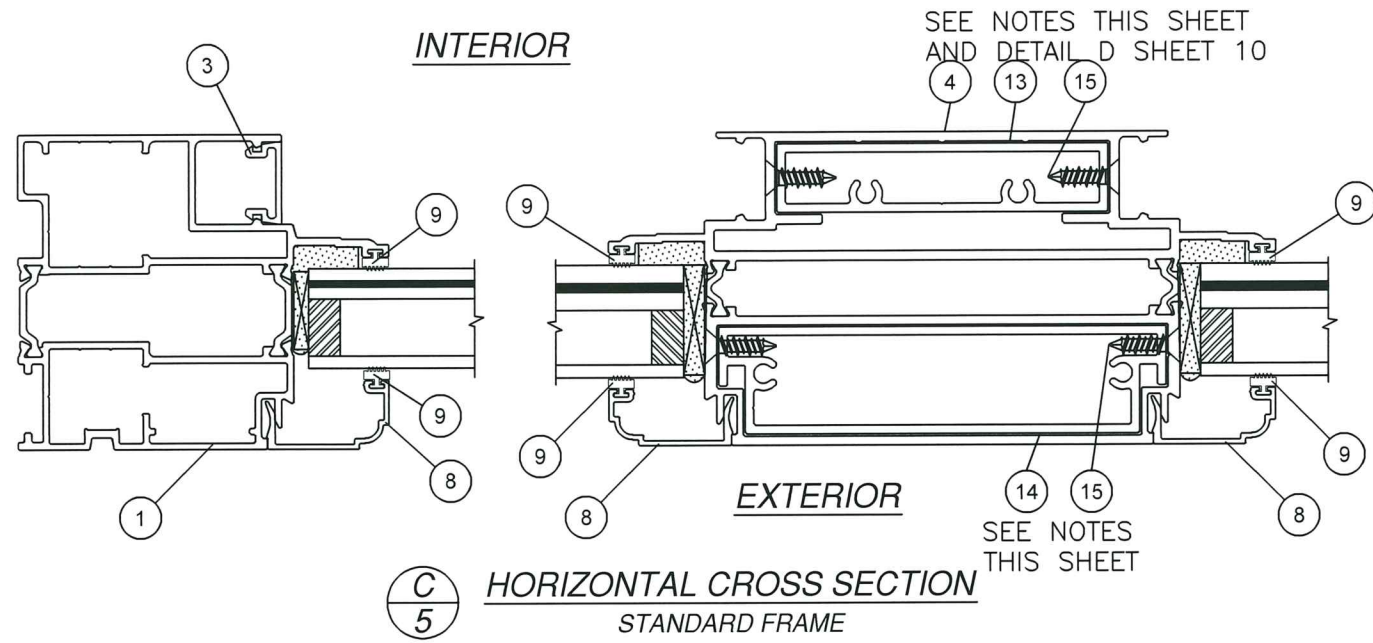
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		Drawn By	ALAN KINNE
WINDOOR INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 (407) 481-8400	FIXED THERMALLY BROKEN WINDOW (LM) BOM, CROSS SECTIONS, GLAZING DETAILS	DWG No.	9063-NOA
		Sheet	4 OF 10
Series	9063	Desc	



**FOR ILLUSTRATION PURPOSES ONLY
FOR INSTALLATION DETAILS REFER TO SHEETS 6 - 9**



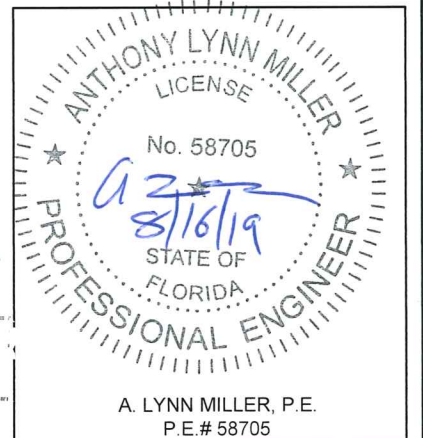
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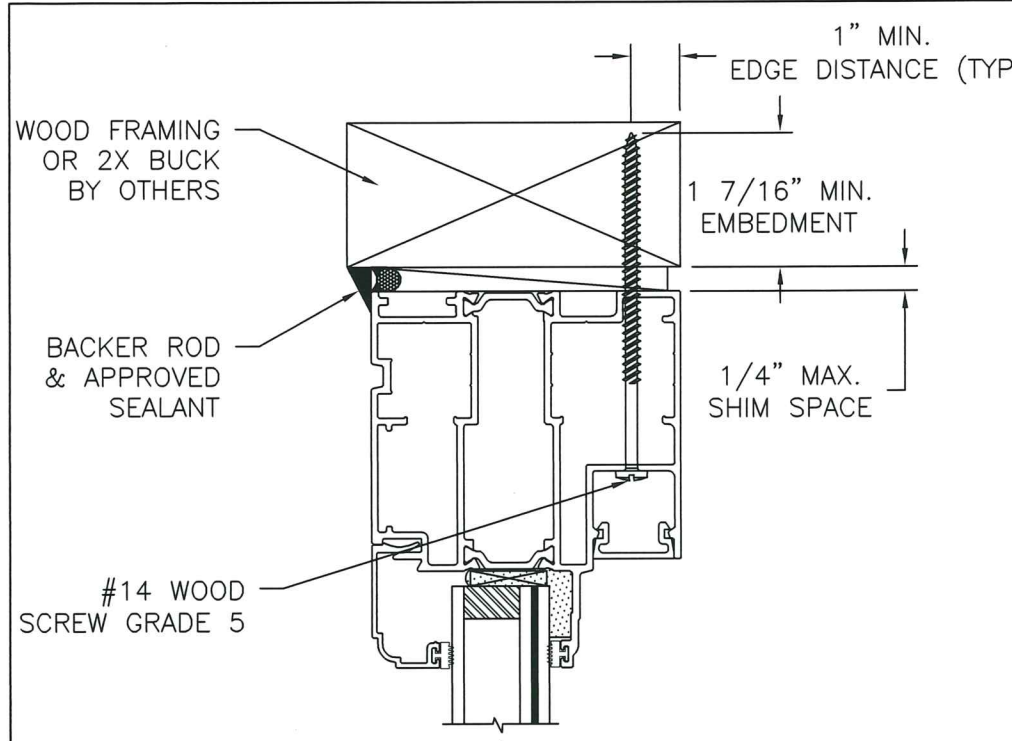
- COMMON POST, ITEM #4, IS SECURED TO FRAME USING INTERIOR, ITEM #13, AND EXTERIOR, ITEM #14, SHEAR BLOCKS.
- INTERIOR AND EXTERIOR SHEAR BLOCKS ARE SECURED TO FRAME USING (2) #10X3" PPH SCREW.
- COMMON POST IS SECURED TO SHEAR BLOCKS WITH (2), ITEM #15, #10X3/4" PFH SCREWS (1) ON EACH SIDE.

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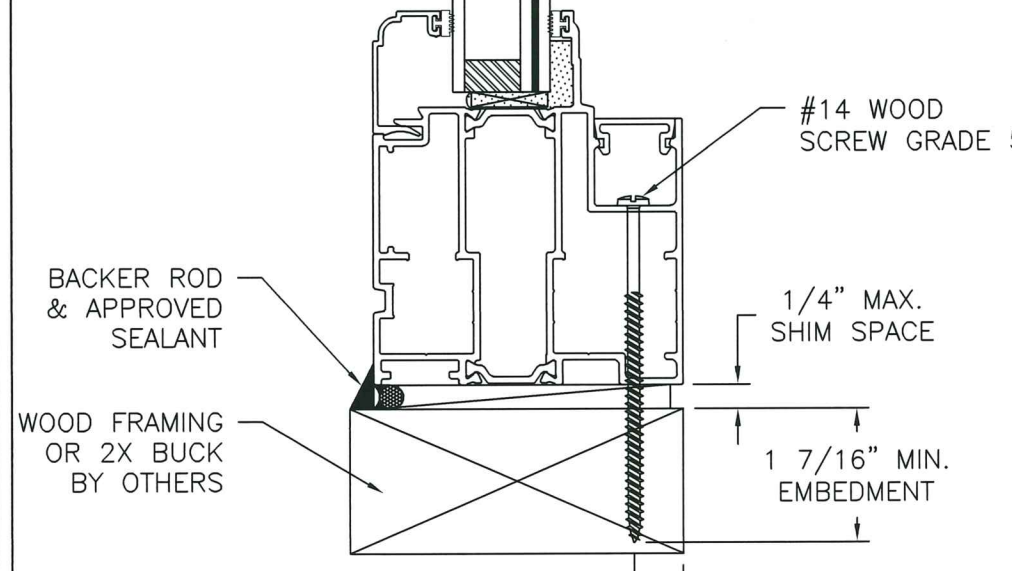
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		By	ALAN KINNE	DWG No.	9063-NOA
WINDOOR[®] INCORPORATED WINDOOR INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 (407) 481-8400	FIXED THERMALLY BROKEN WINDOW (LM)	Sheet	5 OF 10		
HORIZONTAL CROSS SECTIONS	9063				





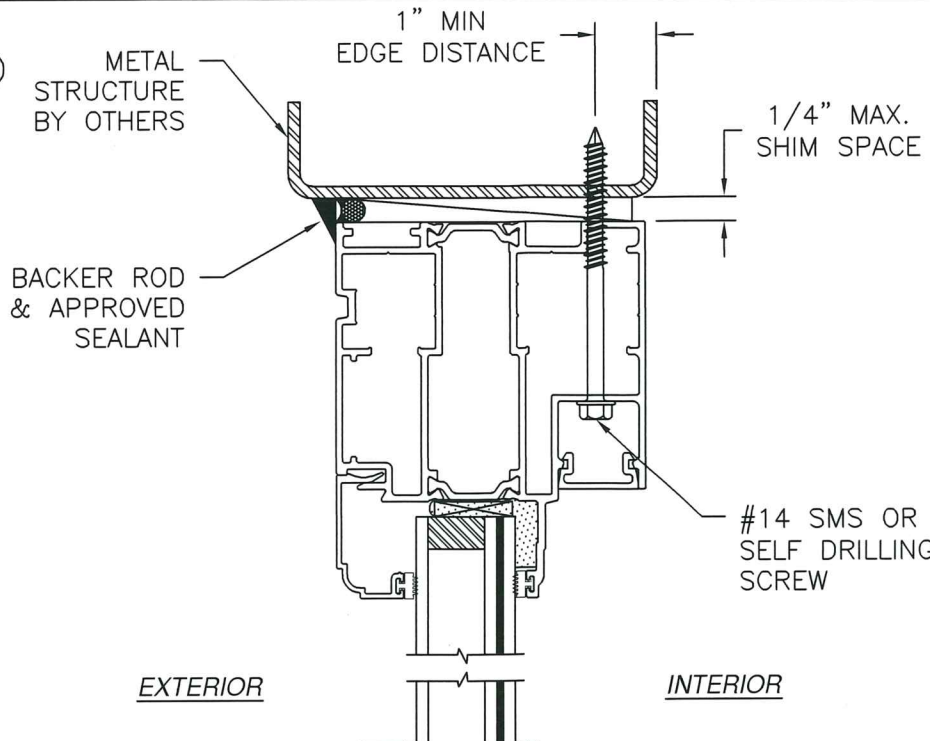
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INTERIOR



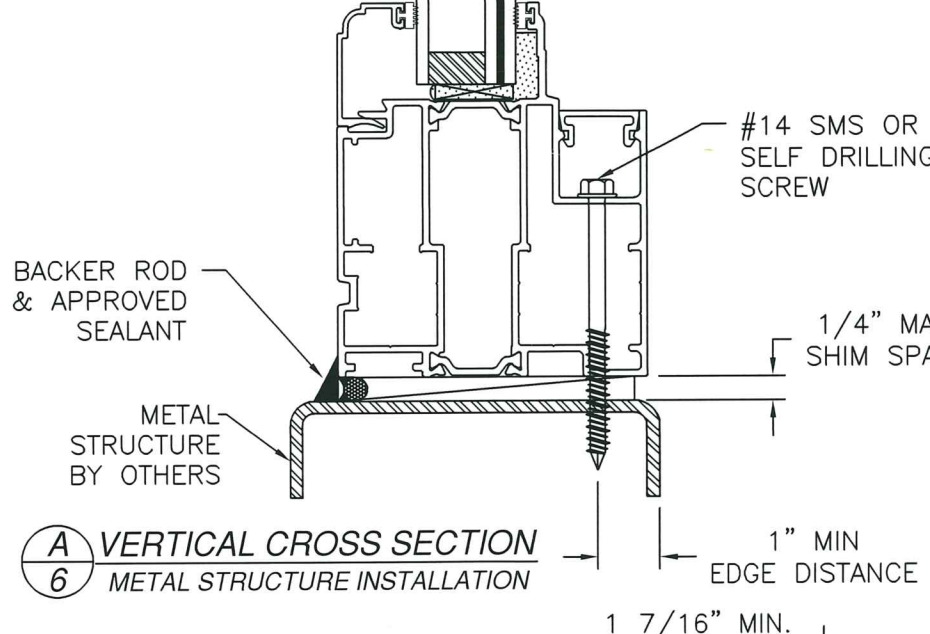
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INTERIOR

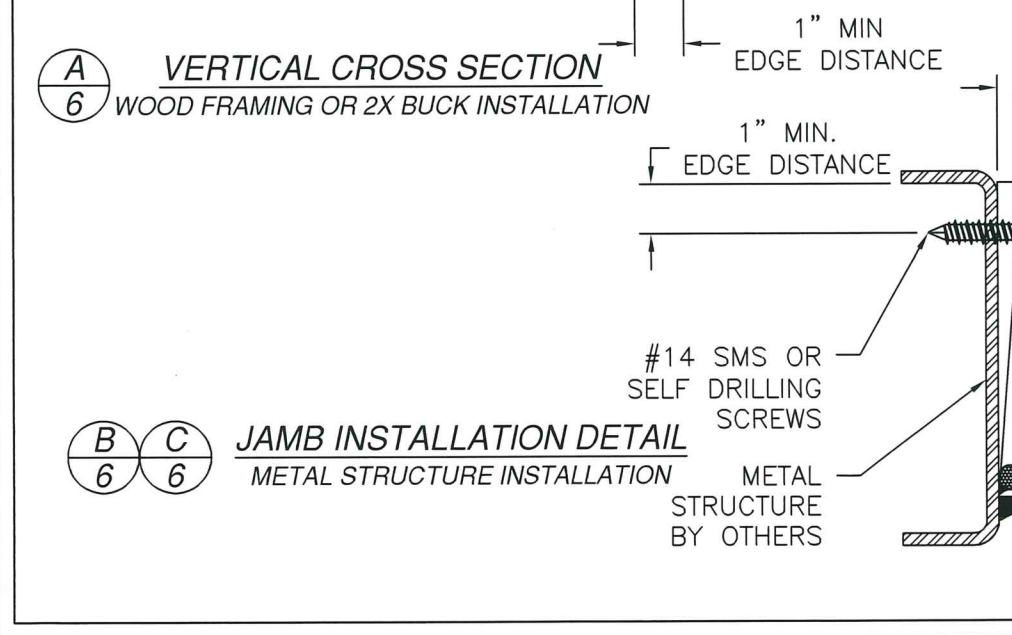


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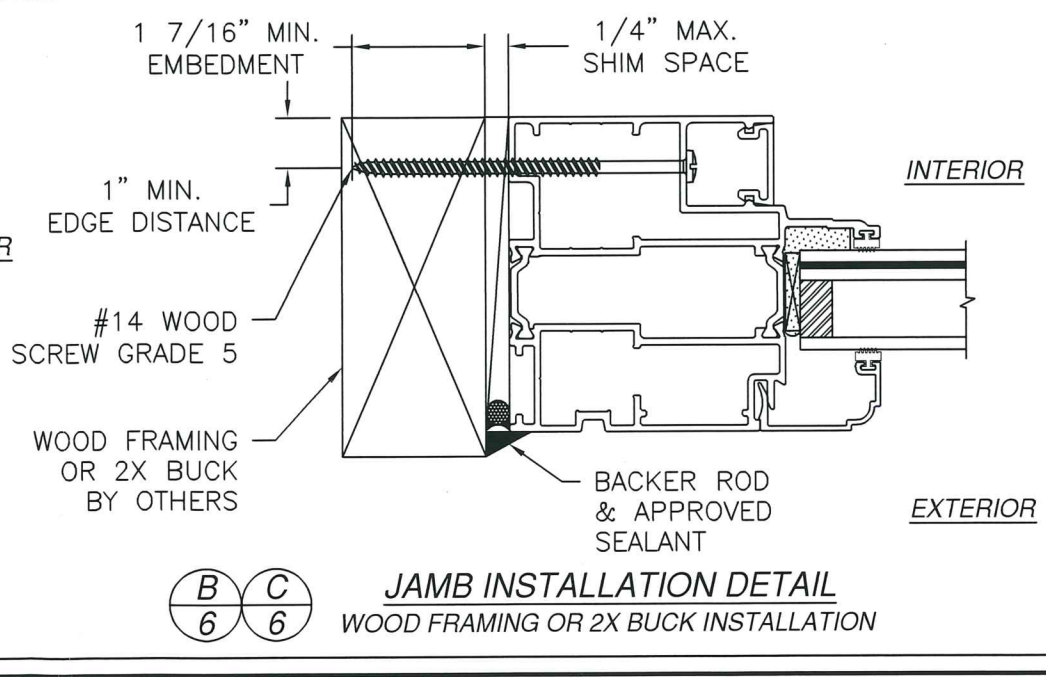


A VERTICAL CROSS SECTION
6 METAL STRUCTURE INSTALLATION



B **C**
6 **6**

JAMB INSTALLATION DETAIL
METAL STRUCTURE INSTALLATION



B **C**
6 **6**

JAMB INSTALLATION DETAIL
WOOD FRAMING OR 2X BUCK INSTALLATION

NOTES:
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

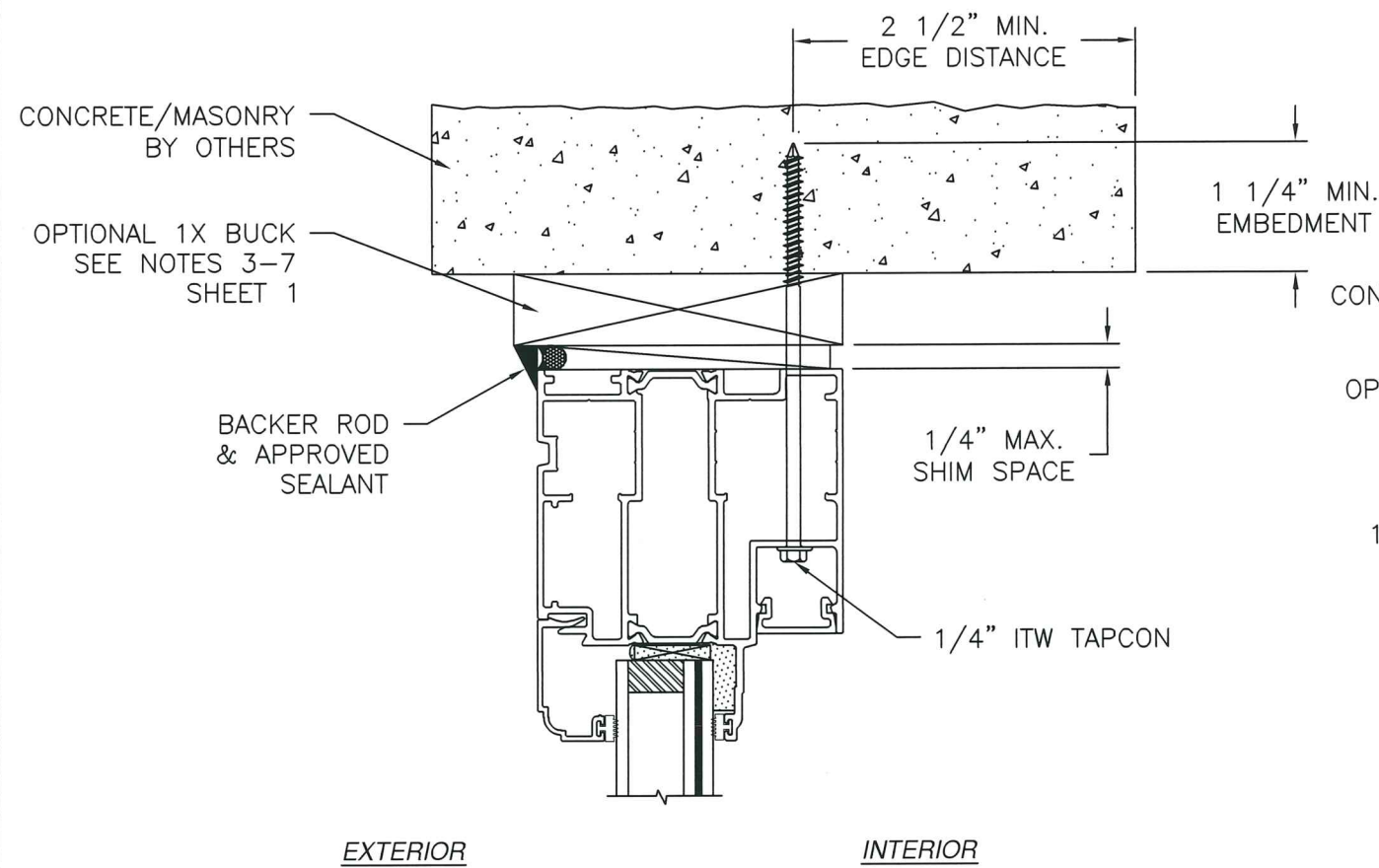
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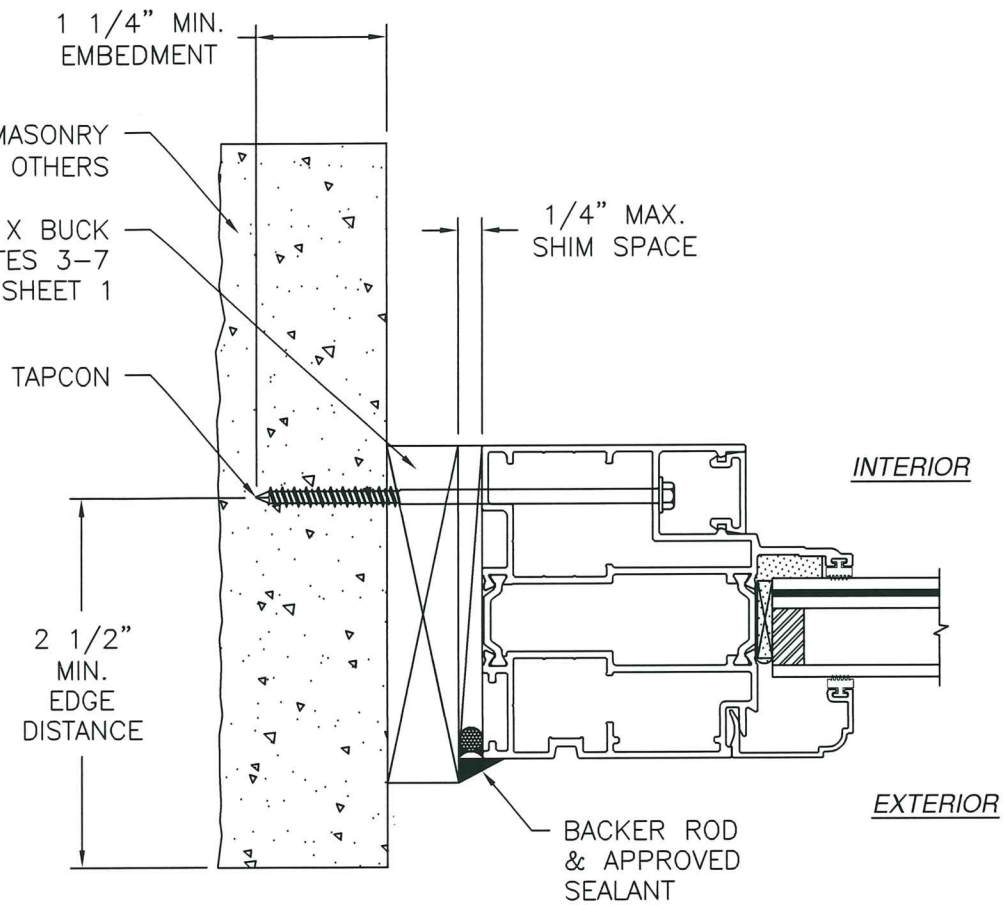
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		Drawn By	ALAN KINNE	No.	9063-NOA
WINDOOR INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 (407) 481-8400	FIXED THERMALLY BROKEN WINDOW (LM)	Sheet	6 OF 10	Desc.	FLUSH INSTALLATION DETAILS
		Series	9063	Title	

ANTHONY LYNN MILLER
LICENSE
No. 58705

STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

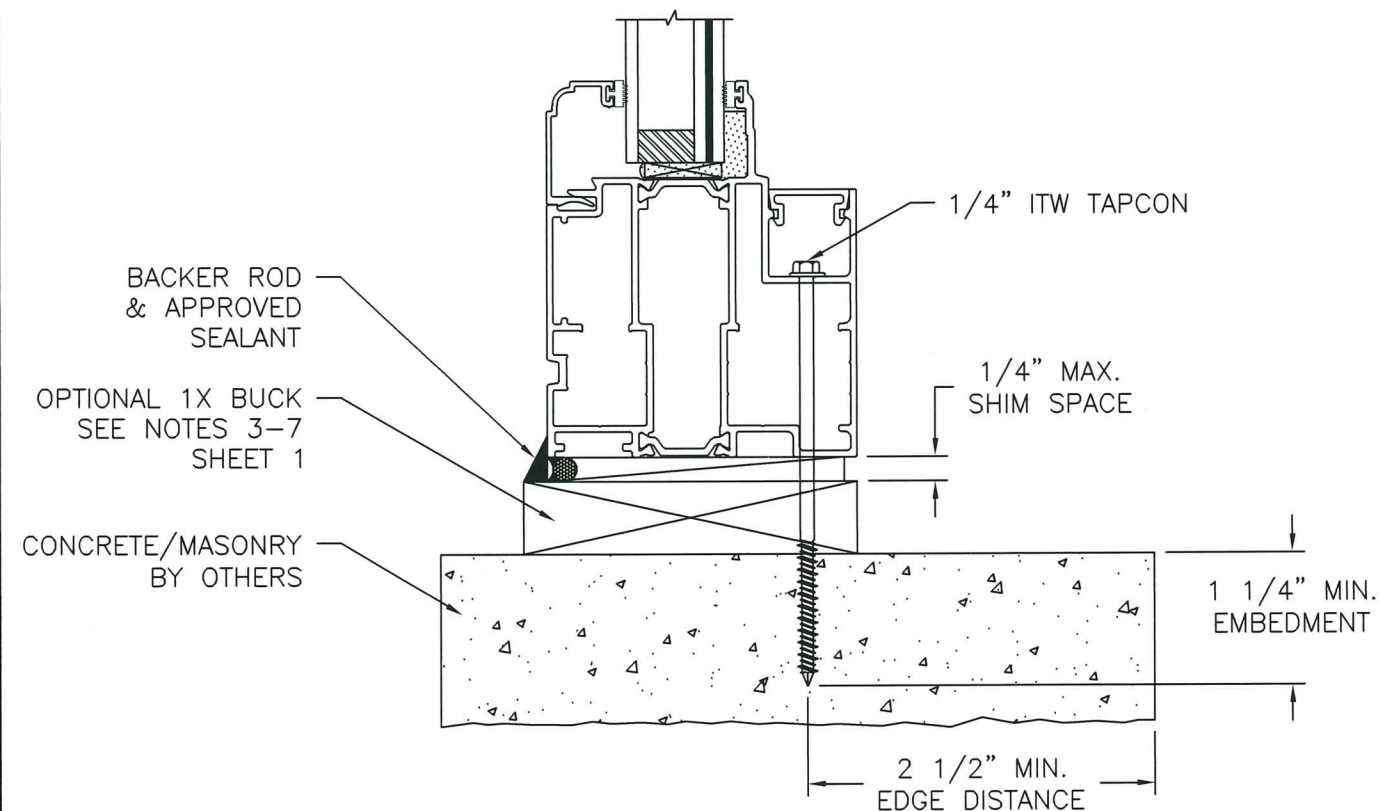


A
7 VERTICAL CROSS SECTION
CONCRETE/MASONRY INSTALLATION



B **C**
7 7 JAMB INSTALLATION DETAIL
CONCRETE/MASONRY INSTALLATION

NOTES:
 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

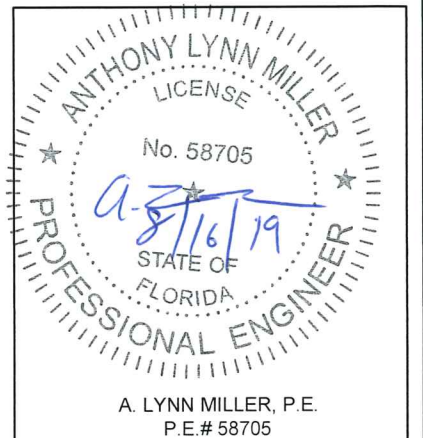


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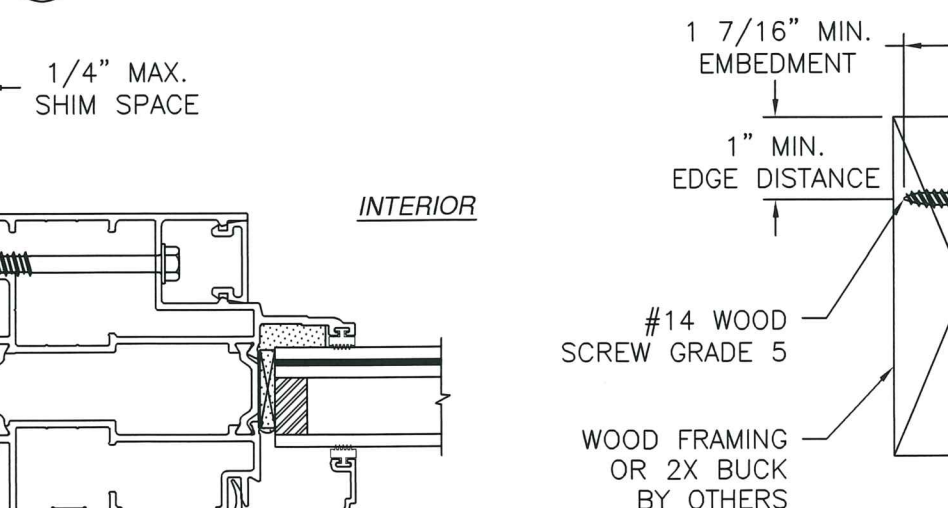
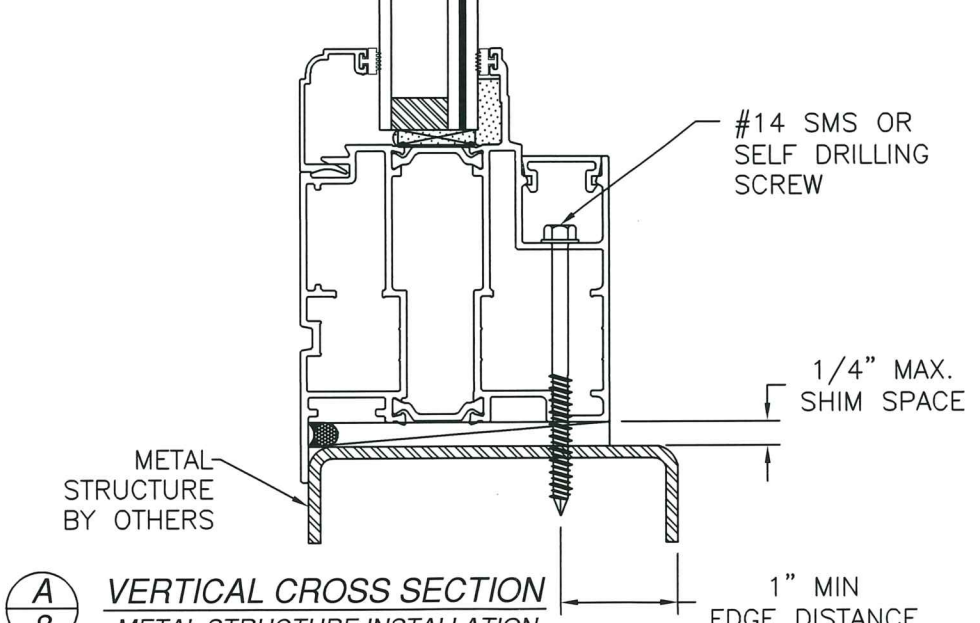
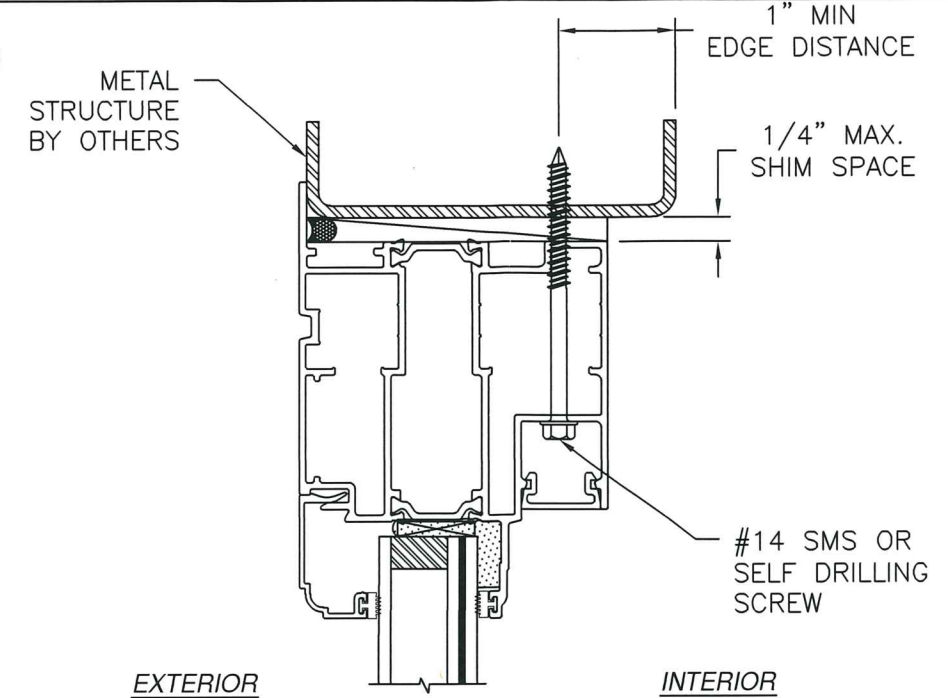
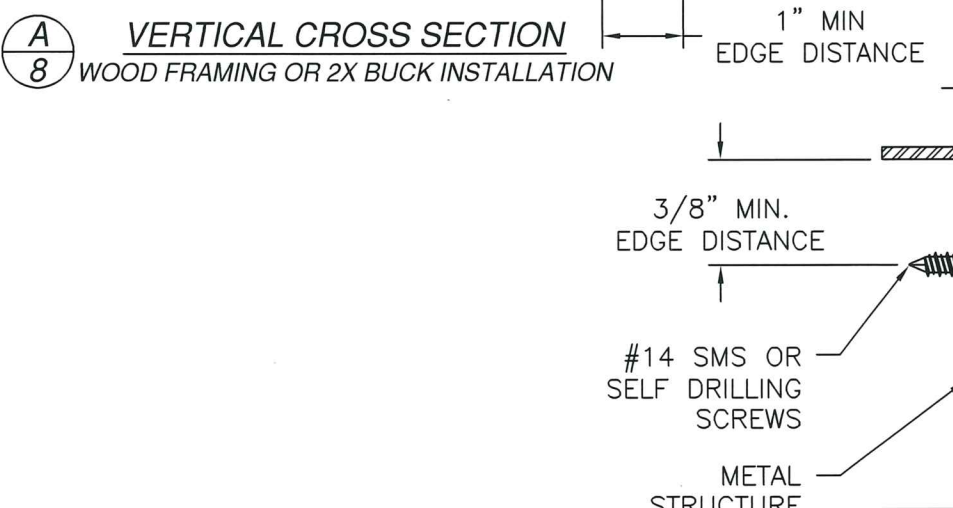
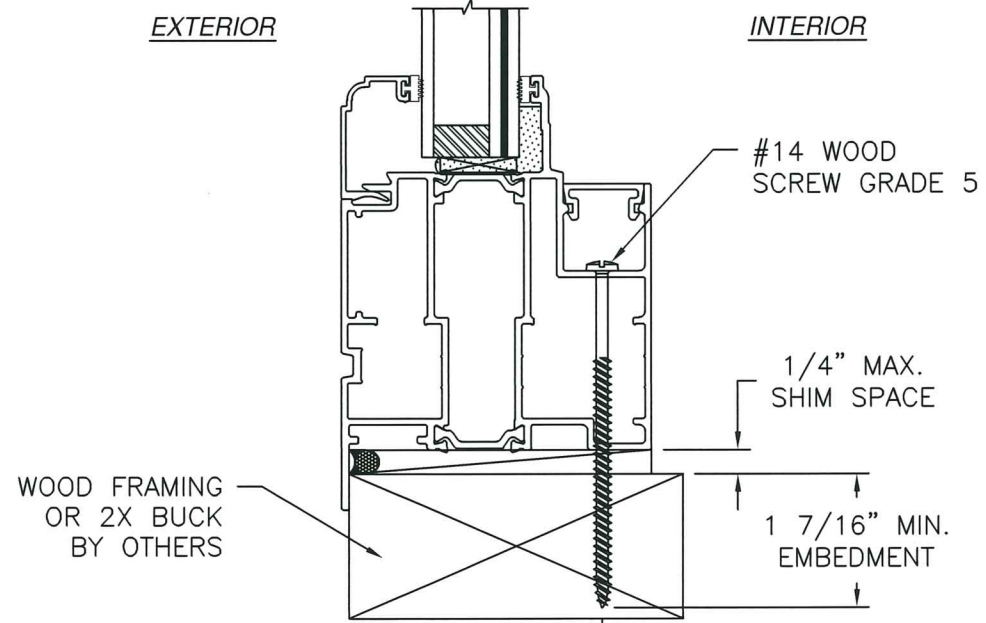
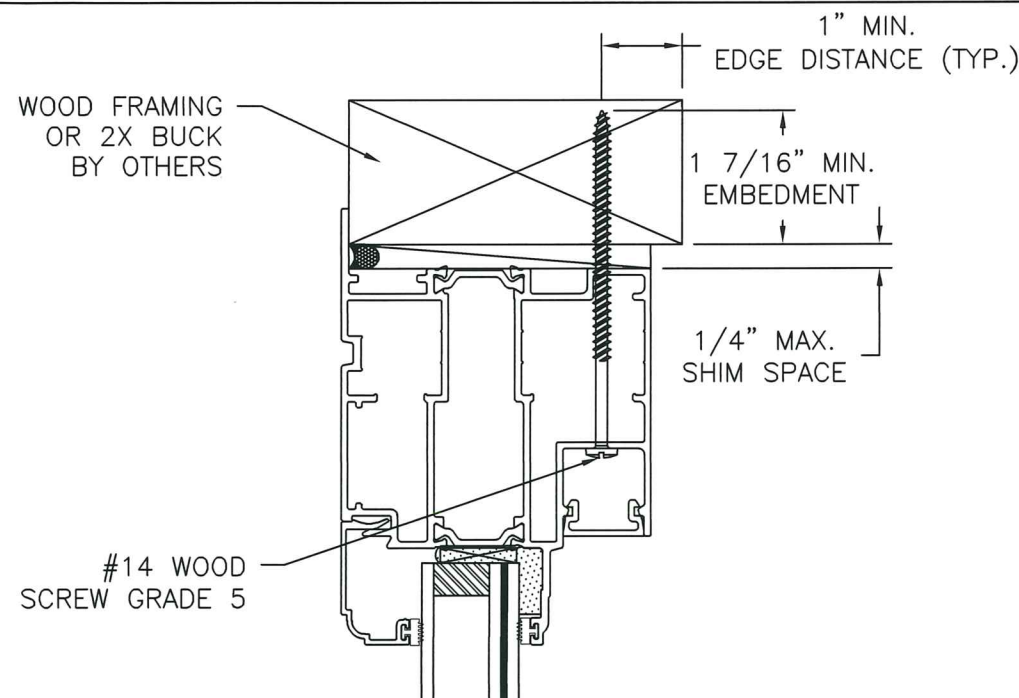
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		WINDOOR INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 (407) 481-8400	FIXED THERMALLY BROKEN WINDOW (LM)		
FLUSH INSTALLATION DETAILS					



A. LYNN MILLER, P.E.
 P.E. # 58705



NOTES:
 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

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

A
8 VERTICAL CROSS SECTION
 METAL STRUCTURE INSTALLATION

B **C**
8 **8** JAMB INSTALLATION DETAIL
 METAL STRUCTURE INSTALLATION

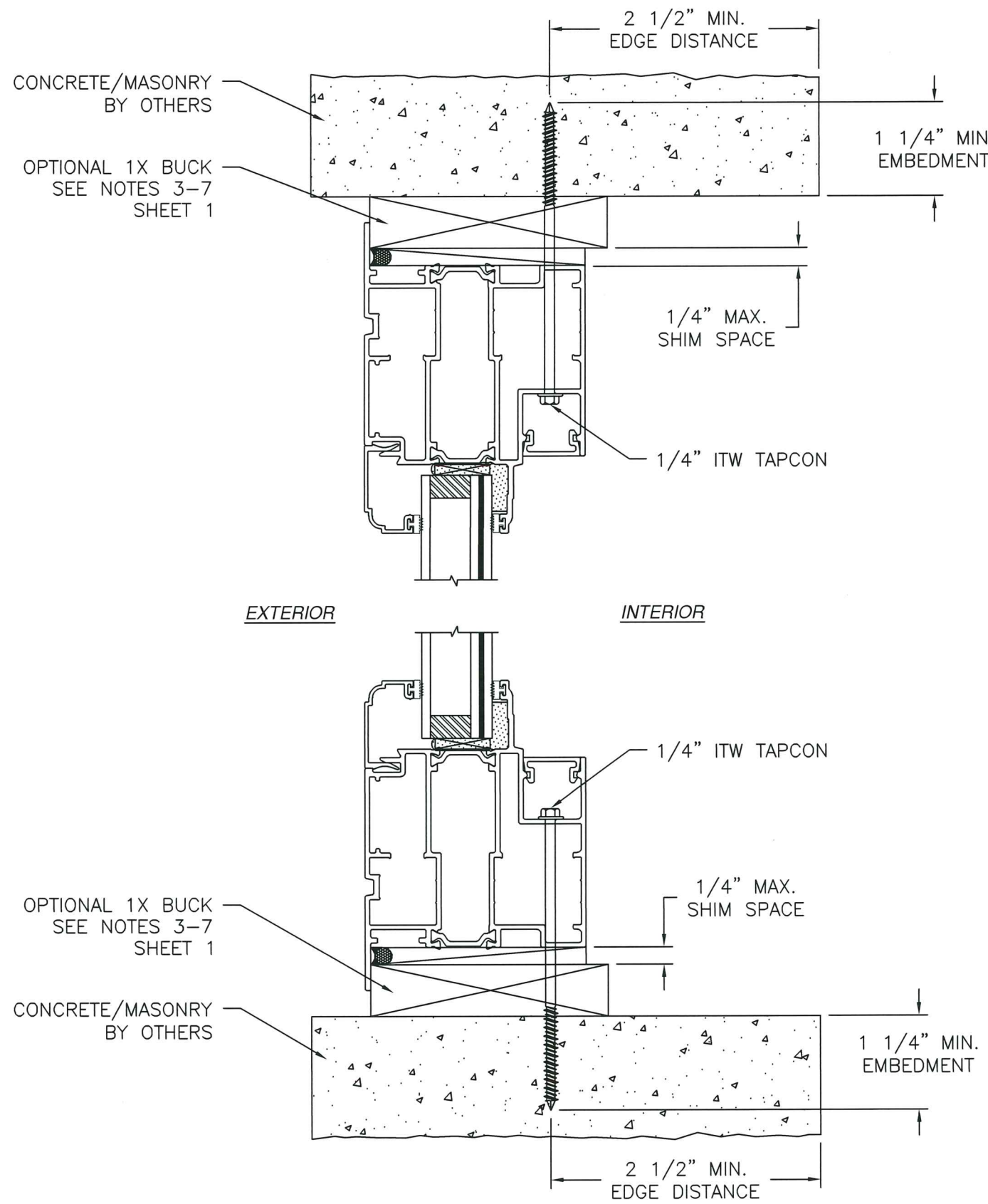
B **C**
8 **8** JAMB INSTALLATION DETAIL
 WOOD FRAMING OR 2X BUCK INSTALLATION

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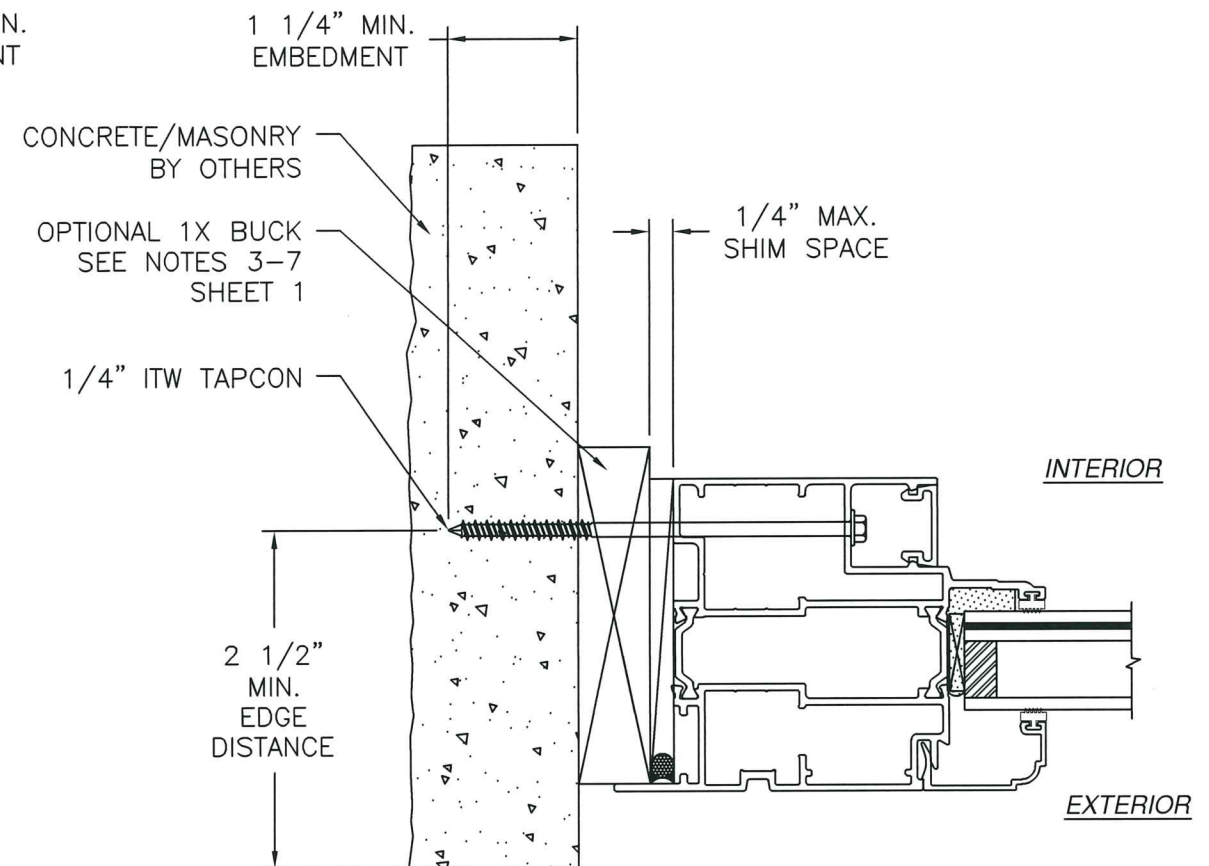
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		WINDOOR INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 (407) 481-8400	FIXED THERMALLY BROKEN WINDOW (LM) FLANGE INSTALLATION DETAILS		

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 No. 58705
 8/16/19
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E.# 58705



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



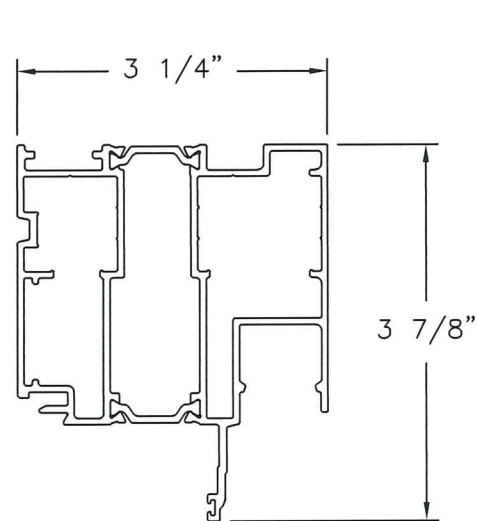
B **C**
9 9 **JAMB INSTALLATION DETAIL**
CONCRETE/MASONRY INSTALLATION

NOTES:
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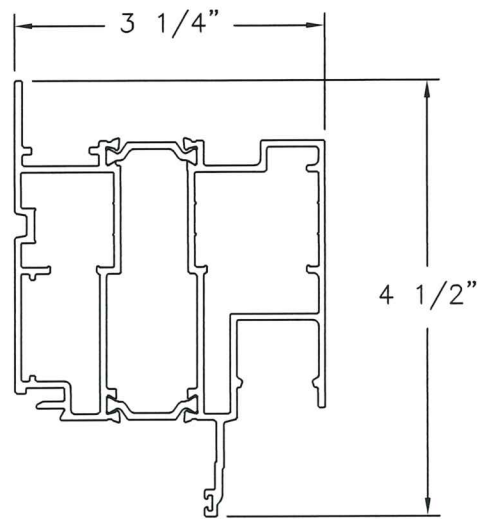
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		By	ALAN KINNE		
WINDOOR INCORPORATED WINDOOR INCORPORATED 7500 AMSTERDAM DRIVE ORLANDO, FL 32832 (407) 481-8400	FIXED THERMALLY BROKEN WINDOW (LM)	DWG No.	9063-NOA	Sheet	9 OF 10
		Series Desc.	9063	Title	FLANGE INSTALLATION DETAILS

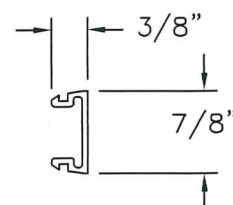
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 P.E.# 58705



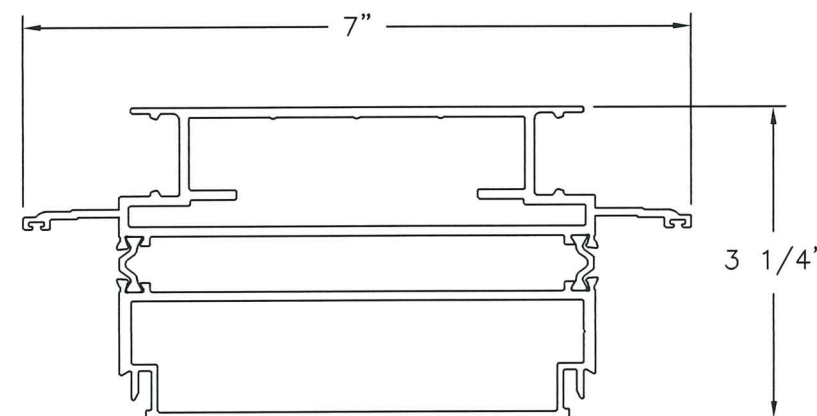
① **FLUSH FRAME**
ALUMINUM 6063-T6 .065" THICK



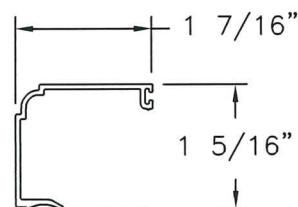
② **FLANGE FRAME**
ALUMINUM 6063-T6 .065" THICK



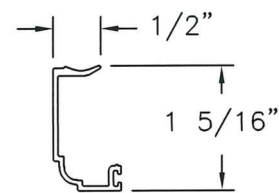
③ **FRAME HEAD INSERT**
ALUMINUM 6063-T6 .090" THICK



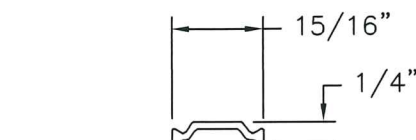
④ **COMMON POST**
ALUMINUM 6063-T6 .0125" THICK



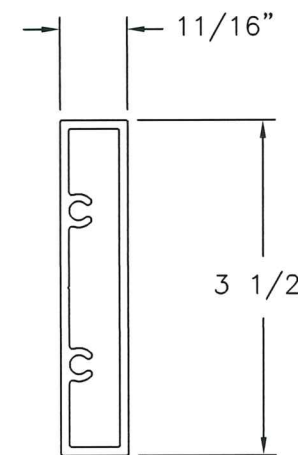
⑦ **GLAZING BEAD**
ALUMINUM 6063-T6 .050" THICK



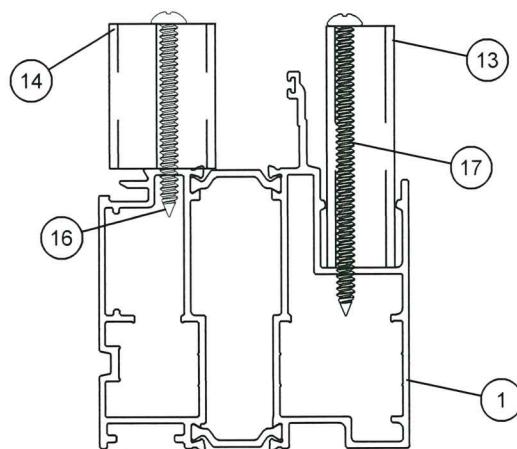
⑧ **GLAZING BEAD**
ALUMINUM 6063-T6 .050" THICK



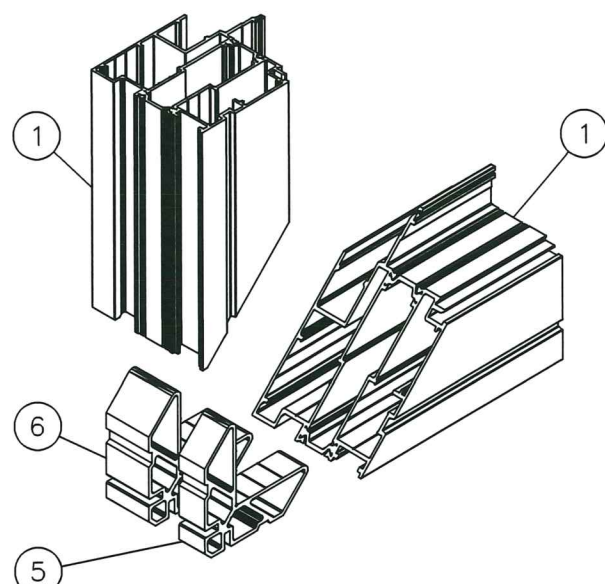
⑫ **THERMAL STRUT**
NYLON POLYAMIDE .070" THICK
TENSILE STRENGTH 10,390PSI



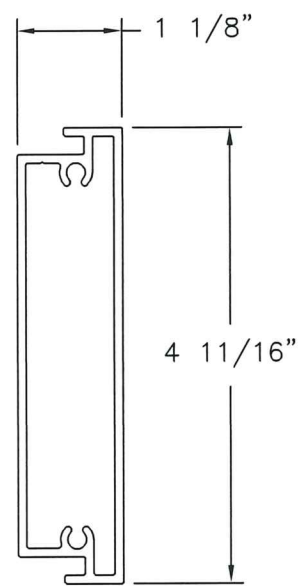
⑬ **INTERIOR SHEAR BLOCK**
ALUMINUM 6005A-T61 .090" THICK



D
10 **SHEAR BLOCK INSTALLATION**



CORNER CONSTRUCTION DETAIL



⑭ **EXTERIOR SHEAR BLOCK**
ALUMINUM 6005A-T61 .090" THICK

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WINDOOR INCORPORATED		9063		COMPONENTS		Series Desc 9063

