



**MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION**

11805 SW 26 Street, Room 208

Miami, FL 33175

T (786) 315-2590 F (786) 315-2599

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

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

WinDoor, Inc.

104 Triple Diamond Blvd.

North Venice, FL 34275

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 "450 - Transom" Aluminum Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 450PW1-NOA, titled "450 Aluminum Transom Window (LM)", sheets 1 through 5 of 5, dated 06/12/20, with revision A dated 06/11/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **revises NOA# 18-0926.09** 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 **Sifang Zhao, P.E.**



S.2.
11/05/2020

NOA No. 20-0722.18
Expiration Date: November 19, 2021
Approval Date: November 05, 2020
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections (*See NOA #20-0722.17*)
2. Drawing No. 450PW1-NOA, titled "450 Aluminum Transom Window (LM)", sheets 1 through 5 of 5, dated 06/12/20, with revision A dated 06/11/20, prepared by manufacturer, signed and sealed by Anthony Lynn Miller, P.E

- B. 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 ASTM F588 and TAS 202-94

along with marked-up drawings and installation diagram of all PGT Industries, Inc. CGI Windows and Doors, Inc., representative units listed below and tested to qualify **Dowsil 791** and **Dowsil 983** silicones, per Proposal #19-1155TP, prepared by Fenestration Testing Laboratory, Inc., Test Reports No.:

CGI Windows and Doors Inc. test specimens:

FTL-20-2108.1, CGI SH360 Aluminum Single Hung Window (unit 1 in proposal)
FTL-20-2108.2, CGI CA238 Alum. Outswing Casement Window (unit 2 in proposal)
FTL-20-2108.3, CGI SGD560 Aluminum Sliding Glass Door (unit 3 in proposal)
FTL-20-2108.4, CGI PW410 Aluminum Fixed Window (unit 4 in proposal) and
FTL-20-2108.5, CGI SH360 Aluminum Single Hung Window (unit 5 in proposal)
all dated 08/24/20 and signed and sealed by Idalmis Ortega, P.E


C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 7th Edition (2020)**, on 07/17/20 by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. NOA No. **18-0725.11** issued to **Kuraray America, Inc.** for their "**Kuraray SentryGlas® Xtra™ (SGX™) Clear Glass Interlayer**", expiring on 05/23/24.
2. NOA No. **19-0305.02** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**", expiring on 07/08/24.
3. NOA No. **20-0622.03** issued to **Eastman Chemical Company (MA)** for their "**Saflex Storm - Saflex and Saflex HP Composite Glass Interlayers with PET Core**", expiring on 12/11/23.
4. NOA No. **20-0622.01** issued to **Eastman Chemical Company (MA)** for their "**Saflex PVB Clear and Color Glass Interlayers**" dated 08/06/20, expiring on 05/21/21. 

Sifang Zhao, P.E.

Product Control Examiner

NOA No. 20-0722.18

Expiration Date: November 19, 2021

Approval Date: November 05, 2020

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, of complying with **FBC 6th Edition (2017)**, and **FBC 7th Edition (2020)** dated July 14, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
2. Statement letter of no financial interest dated July 14, 2020, issued by manufacturer, signed and sealed by Anthony Lynn Miller, P.E.
3. Notification of Successor Engineer for manufacturer's NOA document per **Section 61G15-27.001** of the **Florida Administrative Code**, notifying original engineer that the successor engineer is assuming full professional and legal responsibility for all engineering documents pertaining to this NOA, dated July 14, 2020, signed and sealed by Anthony Lynn Miller, P.E.
4. Proposal No. **19-1155 TP** issued by the Product Control Section, dated January 10, 2020, signed by Ishaq Chanda, P.E.

G. OTHERS

1. Private labeling agreement between WinDoor, Inc. and CGI Windows and Doors, Inc. document in conformance of RER guideline dated 09/12/2018.
(Submitted under NOA #18-0926.09)
2. Notice of Acceptance No. **18-0926.09**, issued to WinDoor, Inc. for their Series "450 - Transom" Aluminum Fixed Window - L.M.I., approved on 12/13/48 and expiring on 11/19/21.
3. Notice of Acceptance No. **20-0722.17**, issued to CGI Windows and Doors, Inc. for their Series "450 - Transom" Aluminum Fixed Window - L.M.I., approved on 10/15/20 and expiring on 11/19/21.



Sifang Zhao, P.E.
Product Control Examiner
NOA No. 20-0722.18
Expiration Date: November 19, 2021
Approval Date: November 05, 2020

SERIES 450 ALUM. TRANSOM FIXED WINDOW

LARGE & SMALL MISSILE

- 1) THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2) 1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.
- 3) ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 4) A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
- 5) ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.
- 6) MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2017/2020 FLORIDA BUILDING CODE & ADOPTED STANDARDS.
- 7) THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, I.E. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY, AND TO BE REVIEWED BY BUILDING OFFICIAL.

ANCHORS: (SEE ELEV. FOR SPACING)

1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO CONC./FILLED BLOCKS
OR
DIRECTLY INTO CONCRETE OR FILLED BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
1-3/4" MIN. EMBED INTO FILLED BLOCKS (JAMBS)

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO CONC./FILLED BLOCKS
OR
DIRECTLY INTO CONCRETE OR FILLED BLOCKS
1-3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
1-3/4" MIN. EMBED INTO FILLED BLOCKS (JAMBS)

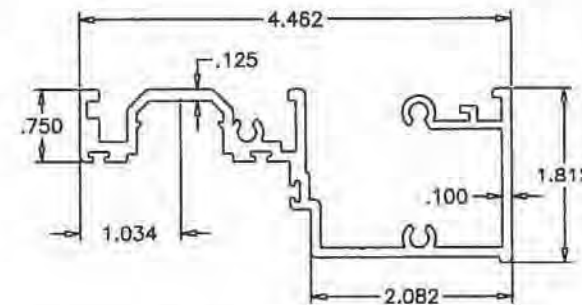
#14 SMS OR SELF DRILLING SCREWS (Fu=74 KSI, Fy=87 KSI)

INTO METAL STRUCTURES
STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

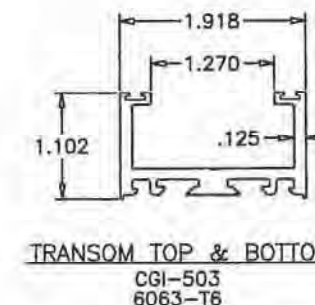
TYPICAL EDGE DISTANCES

INTO CONCRETE/BLOCK = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

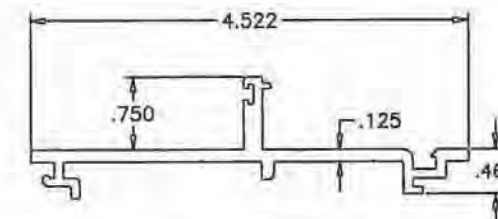
WOOD AT HEAD OR JAMBS SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.
C90 GROUT-FILLED, NORMAL WEIGHT BLOCK AT JAMBS f'm = 2000 PSI MIN.



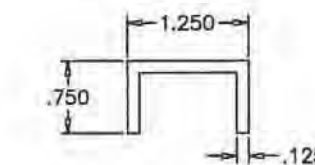
DOOR HEAD
CGI-507
6063-T6



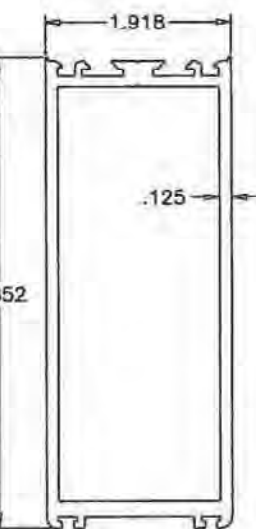
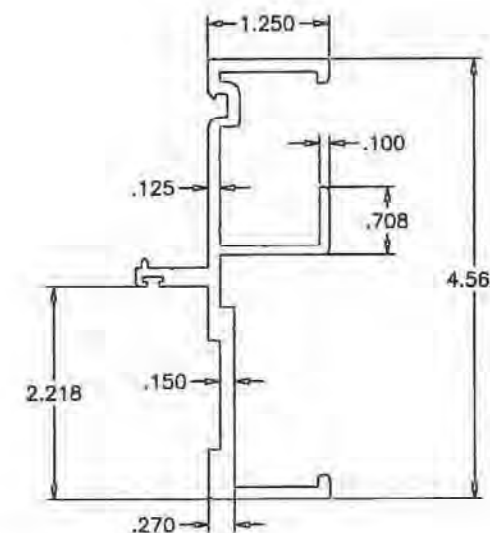
TRANSOM TOP & BOTTOM
CGI-503
6063-T6



TRANSOM ADAPTER
CGI-510
6063-T6

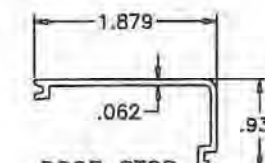


ALUM. CHANNEL
6063-T5

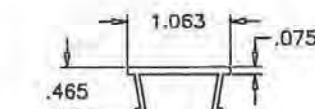


TRANSOM STILE
CGI-502
6063-T6

DOOR JAMB
CGI-509
6063-T6



DOOR STOP
CGI-511
6063-T5



DOOR HEAD CAP
CGI-508
6063-T5

TRANSOMS ARE RATED FOR LARGE AND SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

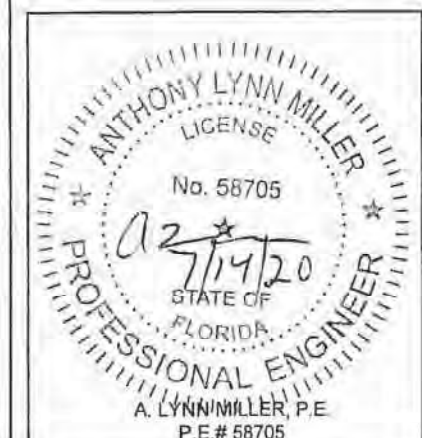
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0722.18**

Expiration Date **11/19/2021**

By 
Miami-Dade Product Control

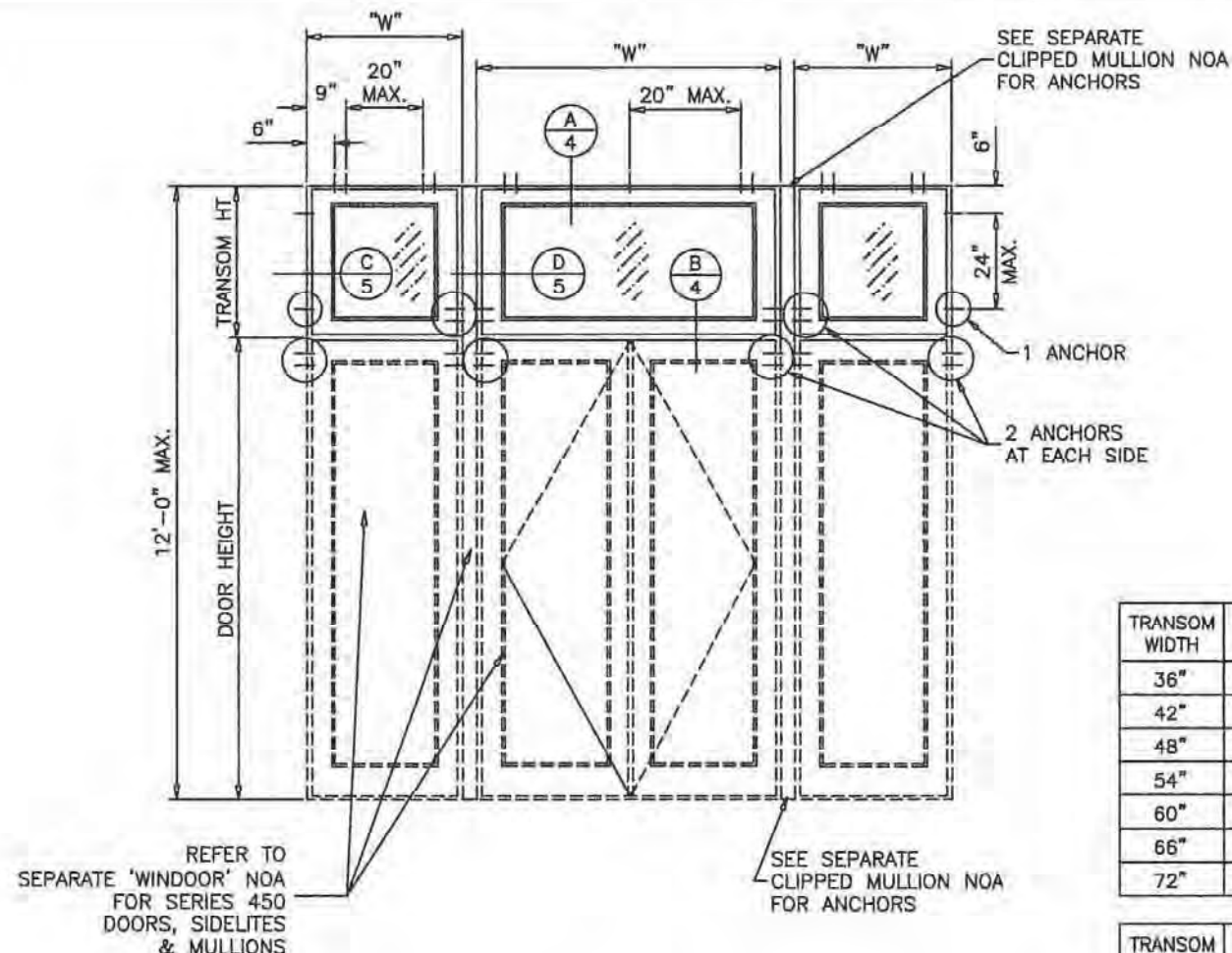
REVISION:
REVISED FOR 2020 FBC,
ADDED GEN. NOTES,
ANCHOR TYPE & SHEET,
BACKBEDDING TYPES &
REFORMATTED - JR - 6/11/20

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	06/12/2020	J ROSOWSKI	A
WinDoor® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432	450 ALUMINUM TRANSOM WINDOW (LM)	GEN. NOTES, ANCHORS AND ELEVATIONS	1 OF 5	1 OF 5
PW450	PW450	PW450	PW450	PW450



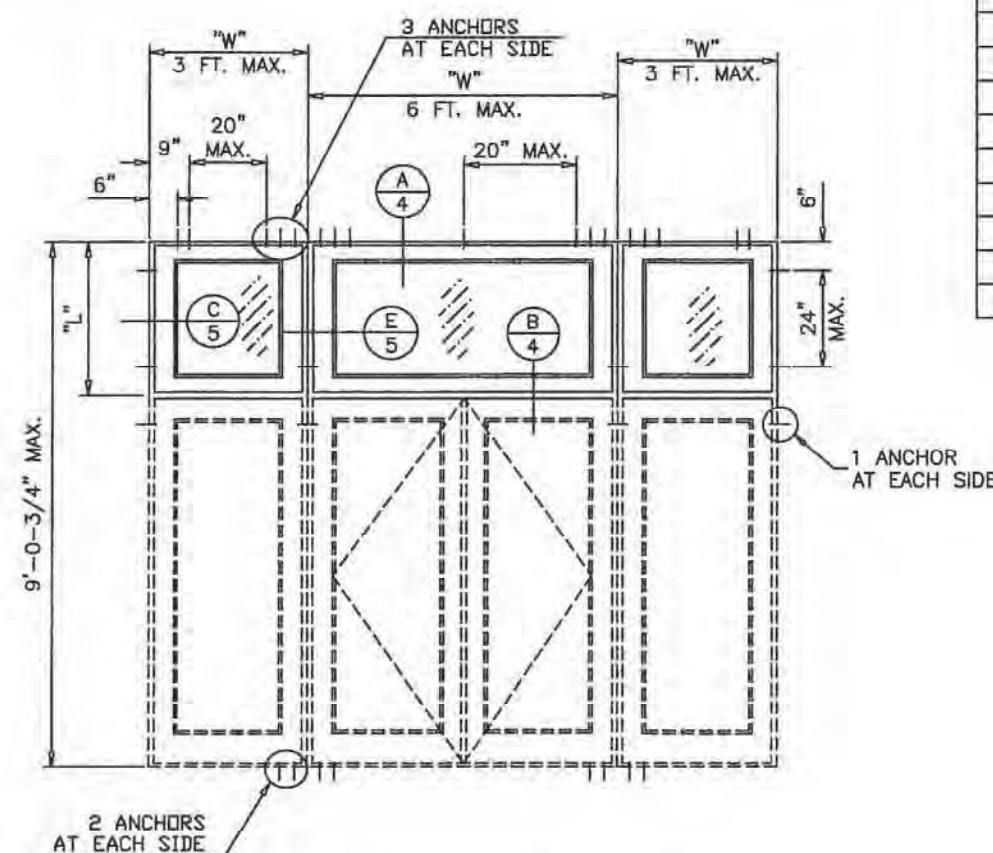
DOORS WITH TRANSOM LOAD CAPACITY - PSF								
OPENING WIDTH	DOOR HEIGHT	TRANSOM HEIGHT	GLASS TYPE 'A' 7/16" & 1" COMPOSITE PANELS		GLASS TYPE 'A1'		GLASS TYPES 'B' & 'B1'	
			EXT.(+)	INT.(−)	EXT.(+)	INT.(−)	EXT.(+)	INT.(−)
60"	84"	24"	100.0	110.0	70.0	70.0	90.0	90.0
		30"	100.0	110.0	70.0	70.0	90.0	90.0
		36"	100.0	110.0	70.0	70.0	90.0	90.0
		42"	100.0	110.0	70.0	70.0	90.0	90.0
66"		24"	100.0	110.0	70.0	70.0	90.0	90.0
		30"	100.0	109.8	70.0	70.0	90.0	90.0
		36"	100.0	105.4	70.0	70.0	90.0	90.0
72"		24"	95.6	95.6	70.0	70.0	90.0	90.0
		30"	91.2	91.2	70.0	70.0	90.0	90.0
		36"	87.5	87.5	70.0	70.0	87.5	87.5
60"	96"	24"	100.0	110.0	70.0	70.0	90.0	90.0
		30"	100.0	110.0	70.0	70.0	90.0	90.0
		36"	100.0	110.0	70.0	70.0	90.0	90.0
		42"	100.0	110.0	70.0	70.0	90.0	90.0
66"		24"	100.0	103.2	70.0	70.0	90.0	90.0
		30"	99.0	99.1	70.0	70.0	90.0	90.0
		36"	96.0	95.6	70.0	70.0	90.0	90.0
72"		24"	86.0	86.0	70.0	70.0	86.0	86.0
		30"	82.5	82.5	70.0	70.0	82.5	82.5
		36"	79.4	79.4	70.0	70.0	79.4	79.4
60"	108"	24"	100.0	110.0	70.0	70.0	90.0	90.0
		30"	100.0	110.0	70.0	70.0	90.0	90.0
		36"	100.0	107.2	70.0	70.0	90.0	90.0
		24"	94.0	93.8	70.0	70.0	90.0	90.0
66"		30"	90.0	90.4	70.0	70.0	90.0	90.0
		36"	87.5	87.5	70.0	70.0	87.5	87.5
		24"	78.2	78.2	70.0	70.0	78.2	78.2
72"		30"	75.3	75.3	70.0	70.0	75.3	75.3
		36"	72.7	72.7	70.0	70.0	72.7	72.7
		60"	120"	24"	100.0	104.9	70.0	70.0
66"	24"	86.0		86.0	70.0	70.0	86.0	86.0
72"	24"	71.7		71.7	70.0	70.0	71.7	71.7

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



TRANSOM WIDTH	D.L. OPG. WIDTH
36"	24-7/8"
42"	30-7/8"
48"	36-7/8"
54"	42-7/8"
60"	48-7/8"
66"	54-7/8"
72"	60-7/8"

TRANSOM HEIGHT	D.L. OPG. HEIGHT
12"	7-3/8"
18"	13-3/8"
24"	19-3/8"
30"	25-3/8"
36"	31-3/8"
42"	37-3/8"
48"	43-3/8"
54"	49-3/8"
60"	55-3/8"

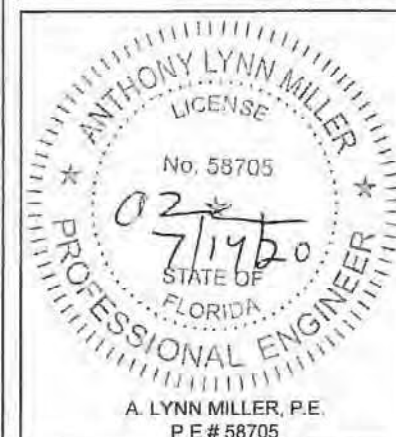


P_{MAX} FOR THIS CONDITION = 71.3 PSF

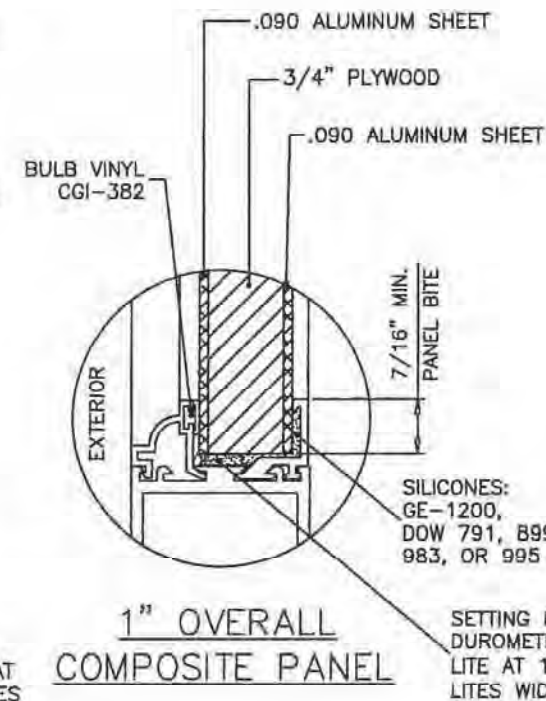
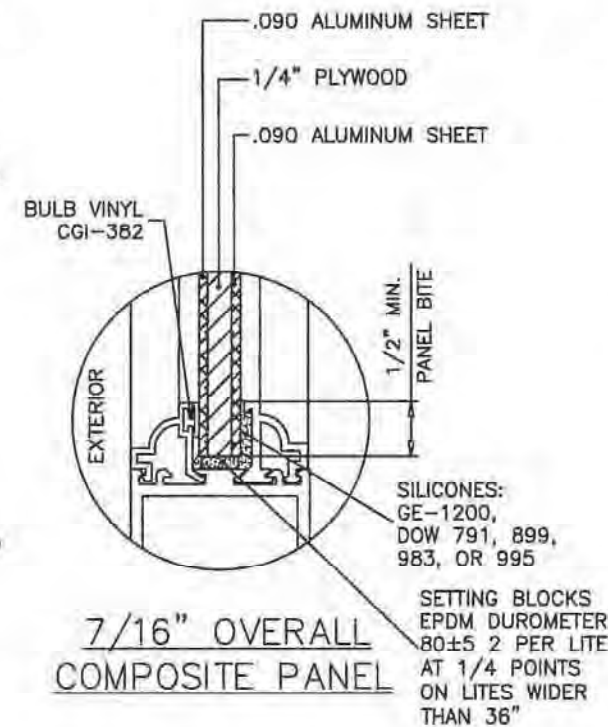
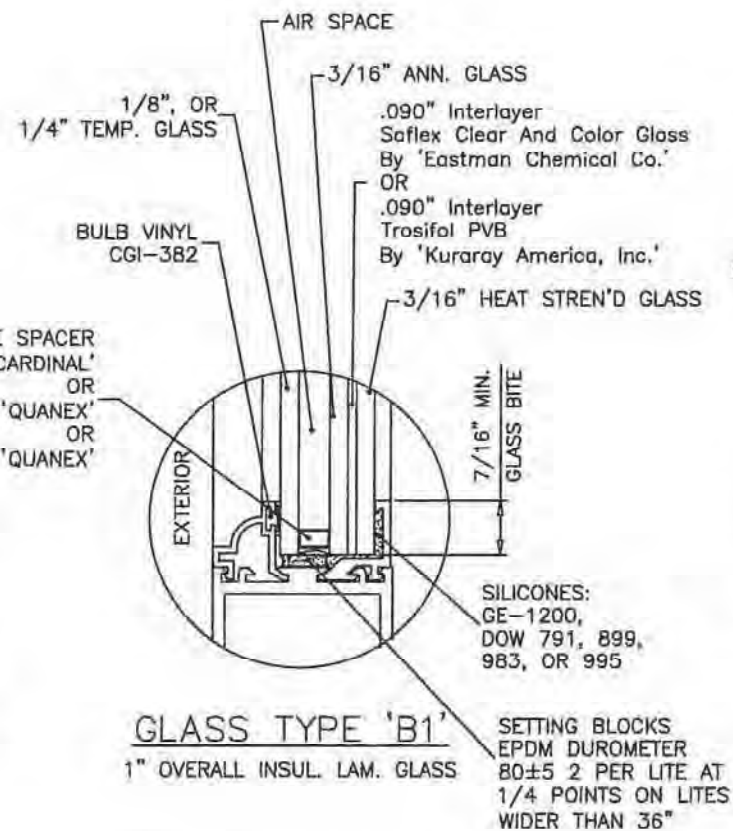
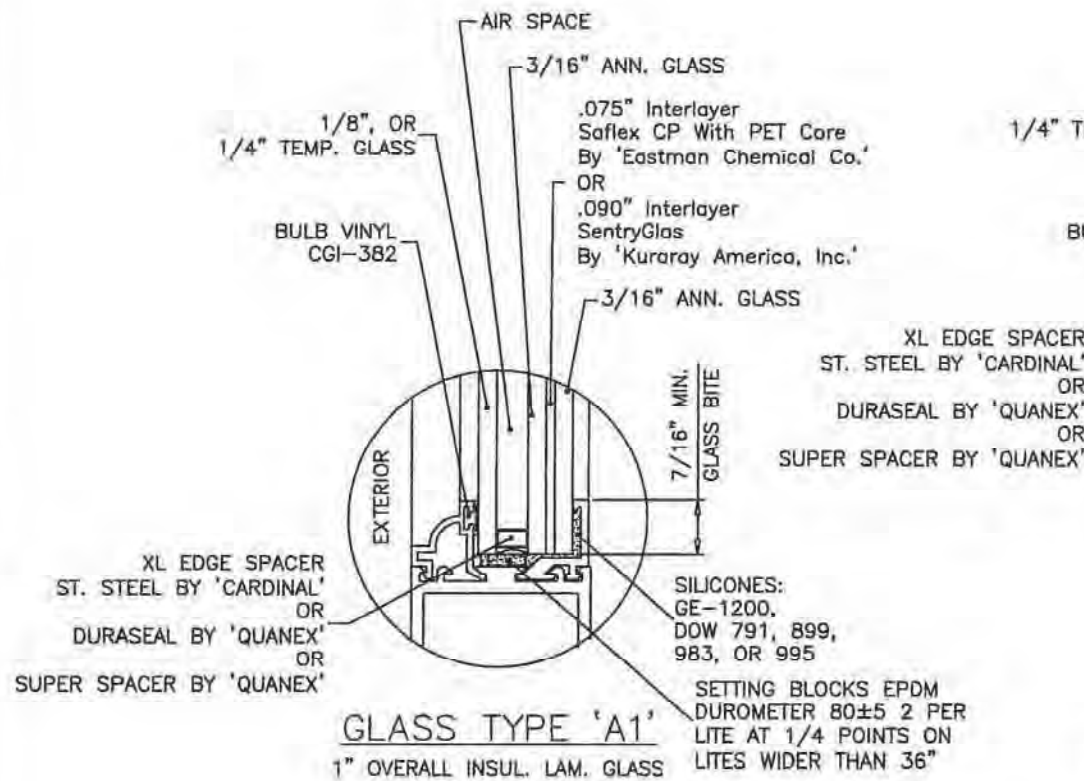
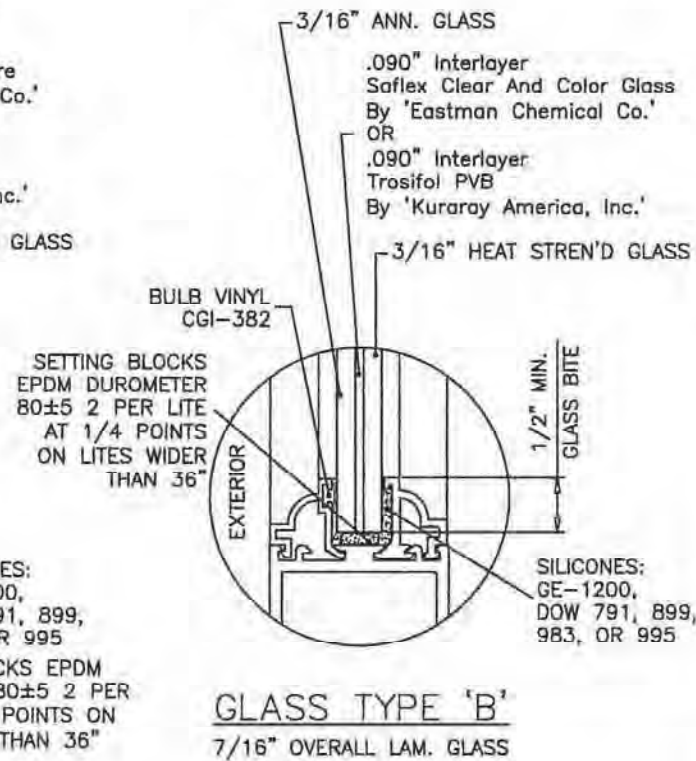
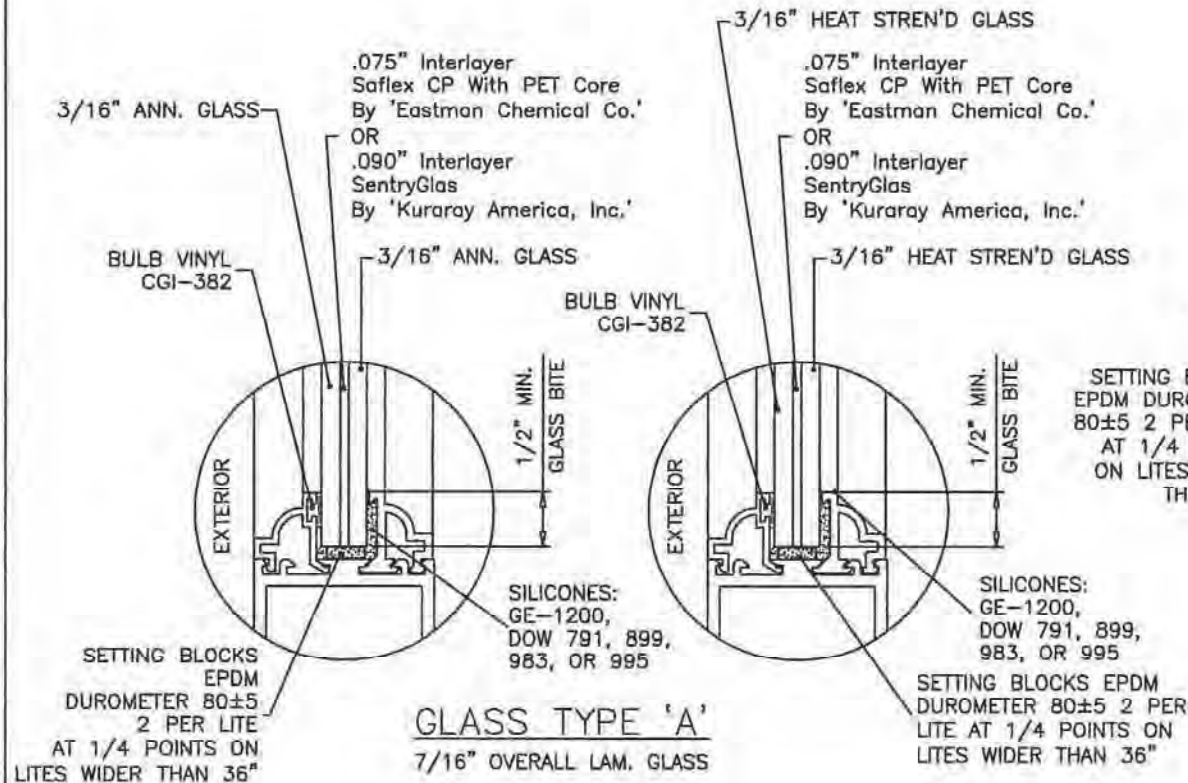
PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0722.18**
Expiration Date **11/19/2021**
By
Miami-Dade Product Control

Revision:

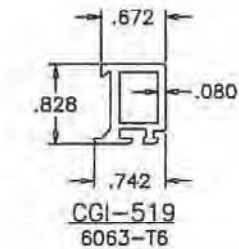
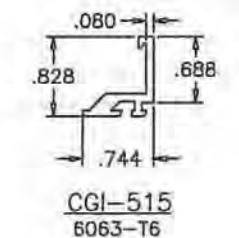
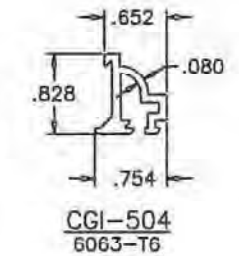
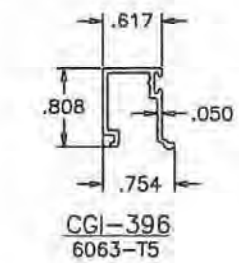
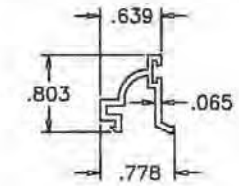
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	06/12/2020	J ROSOWSKI	A
WINDOOR® INCORPORATED 104 TRIPLE DIAMOND BLVD. N. VENICE, FL 34275 (833) 554-5432	450 ALUMINUM TRANSOM WINDOW (LM)	DESIGN PRESSURES	PW450	2 OF 5
NTS	Scale	Sheet	Title	Series



GLAZING OPTIONS



GLAZING STOP OPTIONS



TRANSOMS CAN BE GLAZED
USING SQUARE OR OGEE
GLAZING BEADS/ADAPTERS

PRODUCT REVISED
as complying with the Florida
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NOA-No. **20-0722.18**

Expiration Date **11/19/2021**

By
Miami-Dade Product Control

ADDED BACKBEDDING
TYPES - JR - 6/11/20

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

REGISTRATION #29296

Date 06/12/2020

By J. ROSOWSKI

Rev. A

DWG

No.

3 OF 5

Sheet

NTS

Scale

PW450

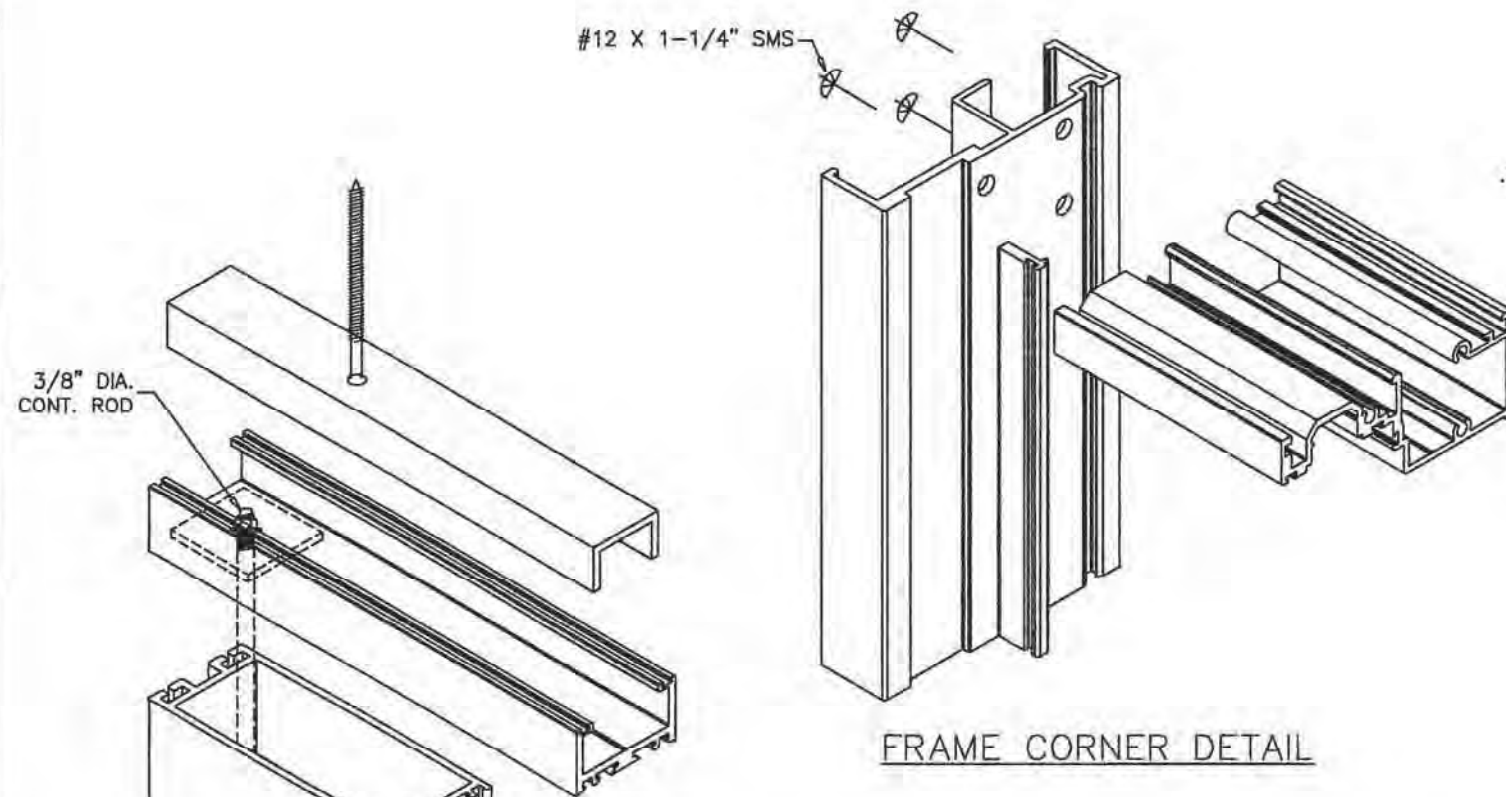
GLAZING DETAILS

WinDoor®
INCORPORATED
104 TRIPLE DIAMOND BLVD.
N. VENICE, FL 34275
(833) 554-5432

450 ALUMINUM TRANSOM WINDOW (LM)

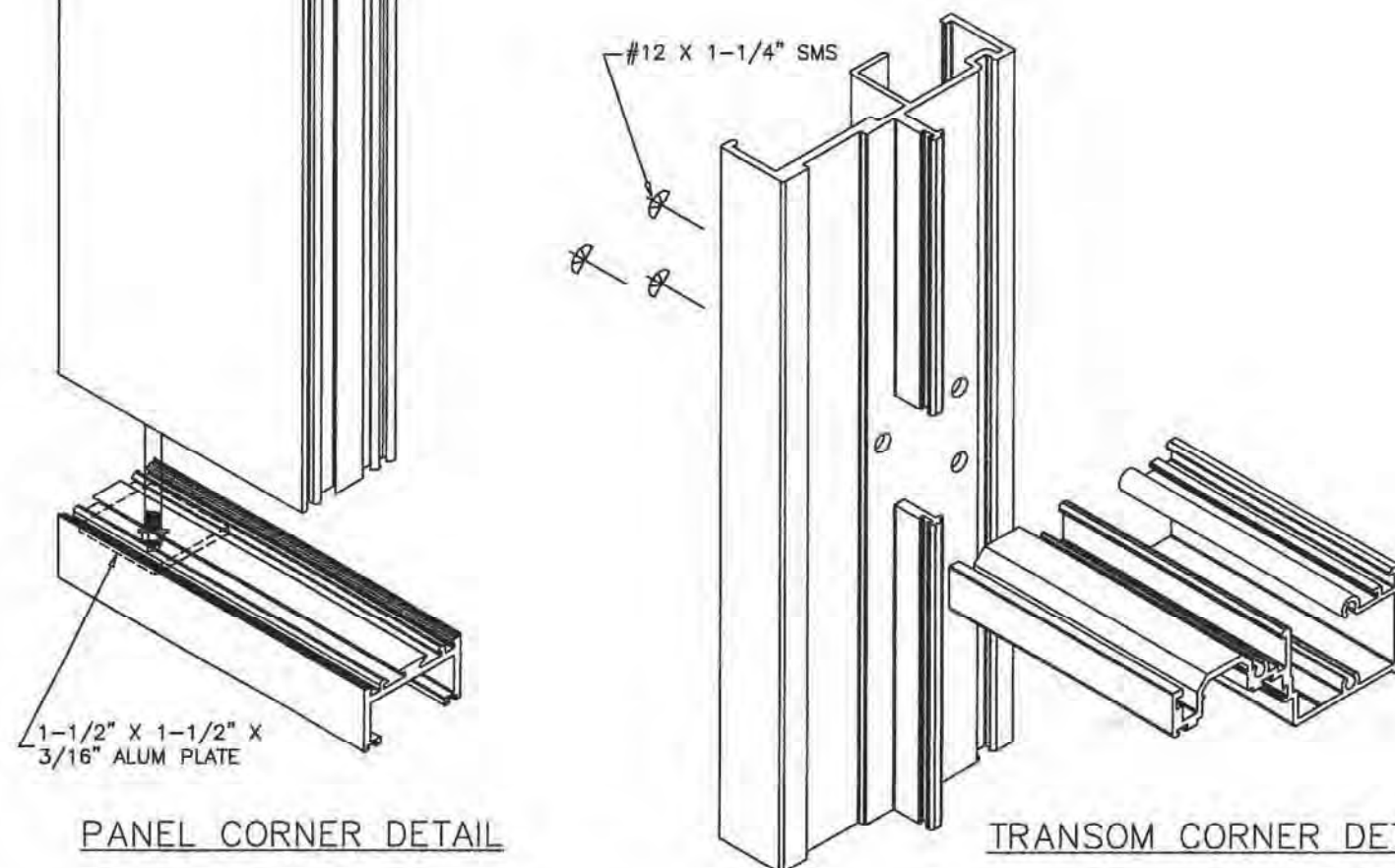
GLAZING DETAILS





FRAME CORNER DETAIL

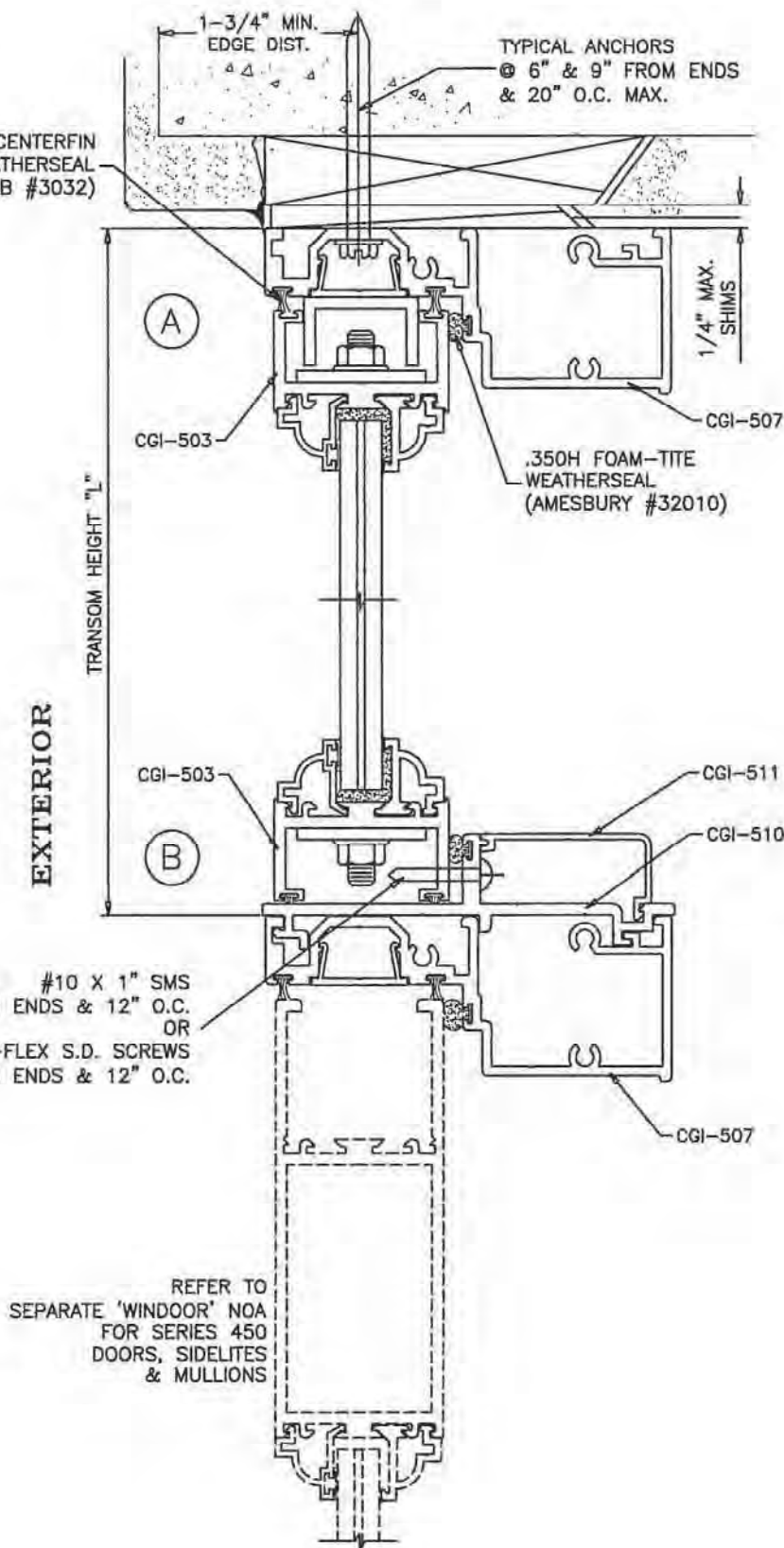
ALL CORNERS TO BE SEALED WITH
LOW MODULUS SILICONE SILPRUF OR EQUIVALENT



PANEL CORNER DETAIL


TRANSOM CORNER DETAIL

.320H WOOL PILE W/ CENTERFIN
WEATHERSEAL
(ULTRAFAB #3032)



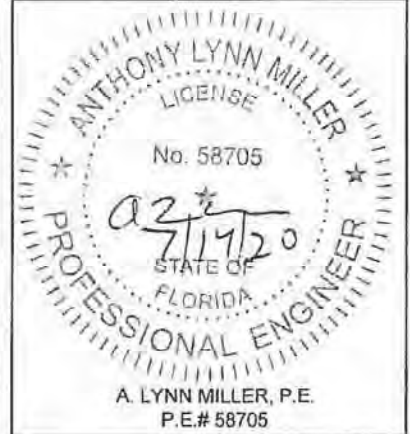
REFER TO
SEPARATE 'WINDOOR' NOA
FOR SERIES 450
DOORS, SIDELITES
& MULLIONS

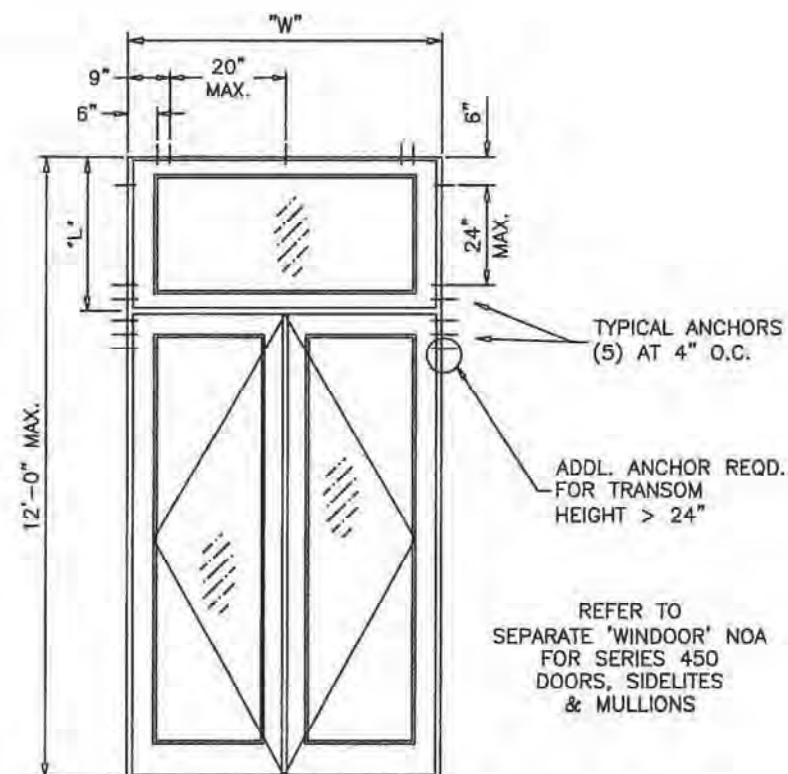
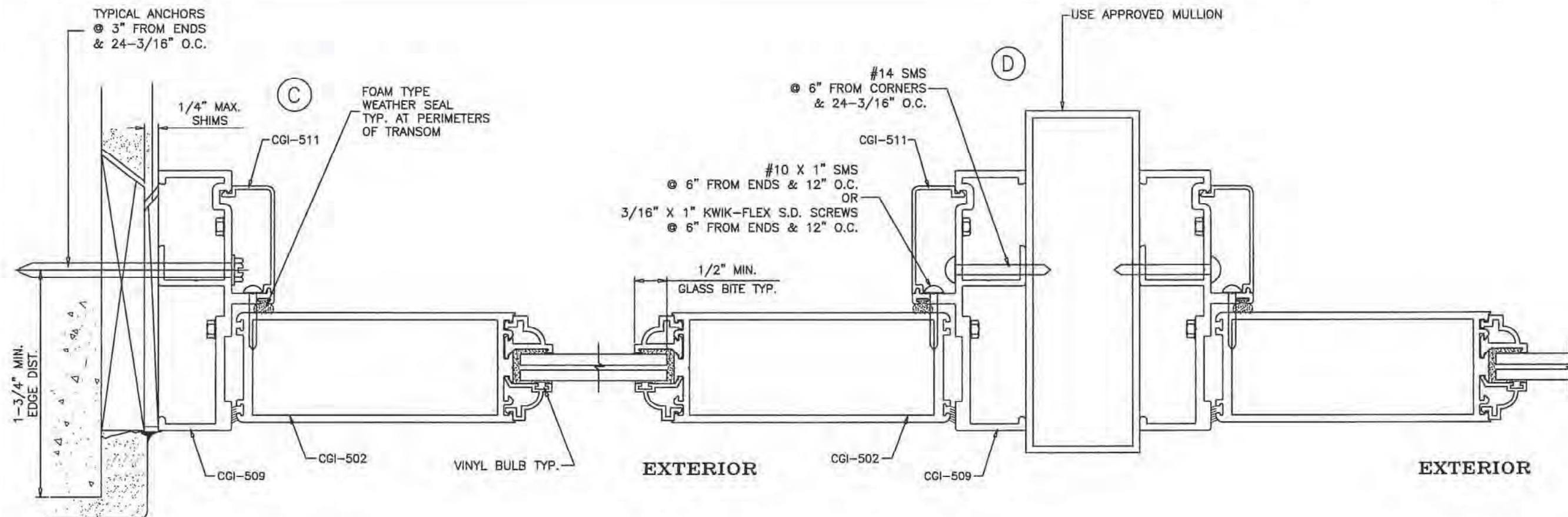
WOOD BUCKS NOT BY WINDOOR, MUST SUSTAIN
LOADS IMPOSED BY GLAZING SYSTEM AND
TRANSFER THEM TO THE BUILDING STRUCTURE.

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. **20-0722.18**
Expiration Date **11/19/2021**
By 
Miami-Dade Product Control

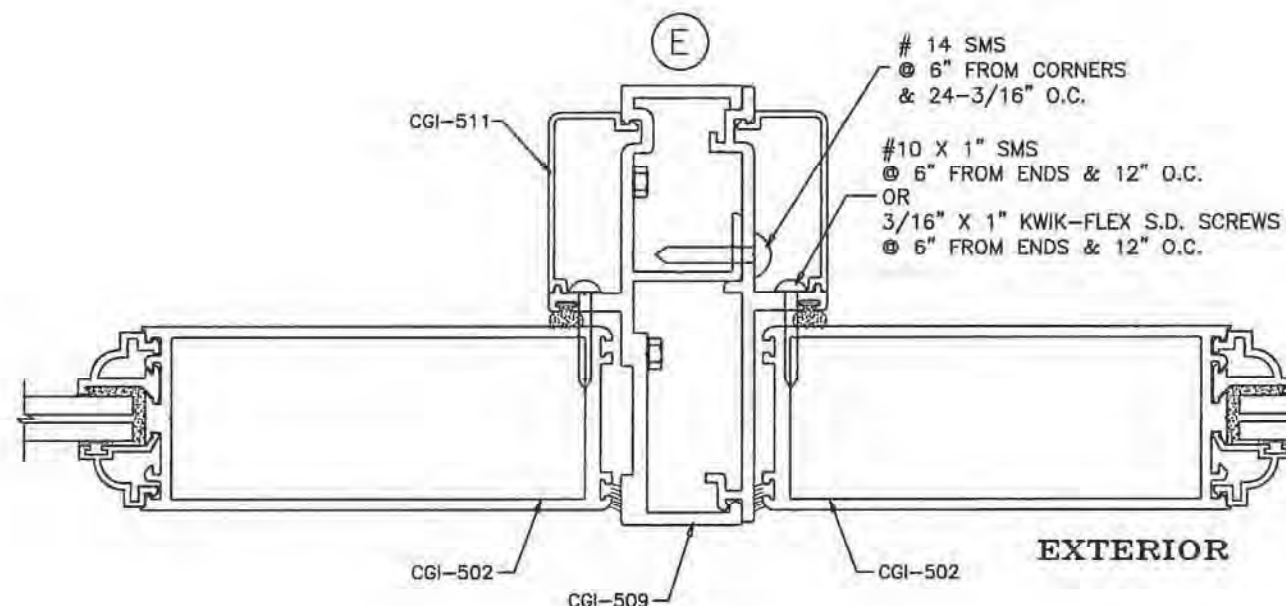
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296		Date		06/12/2020		Rev		A	
	By		J ROSOWSKI		450PW1-NOA		DWG		No.	
	4 OF 5		Sheet		NTS		Scale		PW450	
	450 ALUMINUM TRANSOM WINDOW (LM)		INSTALLATION & CORNER DETAILS		Series Desc. Title					

WINDOOR®
INCORPORATED
104 TRIPLE DIAMOND BLVD.
N. VENICE, FL 34275
(833) 554-5432





ANCHORING DETAIL FOR TRANSOM ENDS
FOR TRANSOMS WITHOUT SIDELITES
AND XX DOORS BELOW



NOTES:
FOR ANCHOR TYPES, SEE SHEET 1.

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By *[Signature]*
Miami-Dade Product Control

Revision:
MOVED ANCHOR TYPES TO
SHEET 1 - JR - 6/11/20

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

REGISTRATION #29296

Date 06/12/2020

By J ROSOWSKI

No. 450PW1-NOA

DWG

5 OF 5

Sheet

NTS

Scale

PW450

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450 ALUMINUM TRANSOM WINDOW (LM)

INSTALLATION DETAILS

