

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING			
B. SLIDING	Atrium	Sliding Patio Door	11646.1
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	CGI	Single Hung Window	38618.2
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING			
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCTURAL METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.


 Contractor OR Agent Signature

10/16/2024

Date

NOTES: _____



Product Approval
USER: Public User

[Product Approval Menu](#) >
 [Product or Application Search](#) >
 Application List

► OFFICE OF THE
SECRETARY

Search Criteria

[Refine Search](#)

Code Version	2023	FL#	38618.2
Application Type	ALL	Product Manufacturer	ALL
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL38618-R3 History	Revision	CGI Windows and Doors FL#: FL38618.2 Model: SH800V Description: Non-impact Resistant, Vinyl, Tilt-sash Single Hung Window Category: Windows Subcategory: Single Hung	Steven M. Urch, PE (717) 317-8454	Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

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Product Approval Accepts:



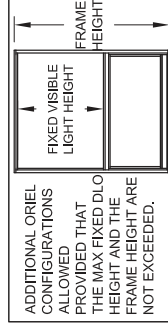
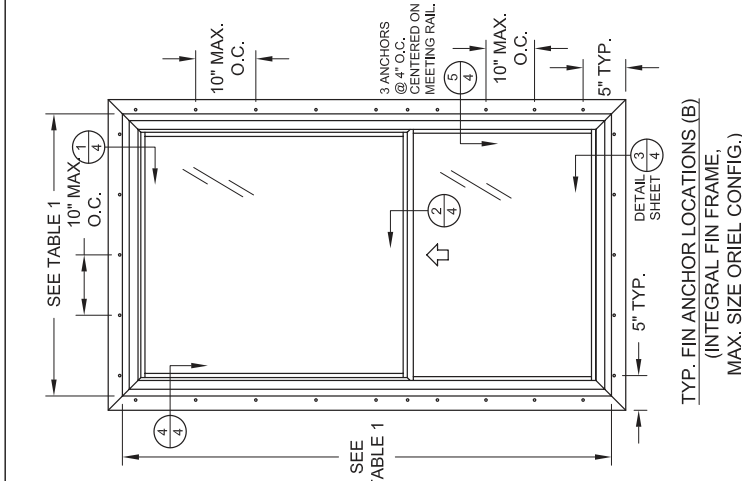
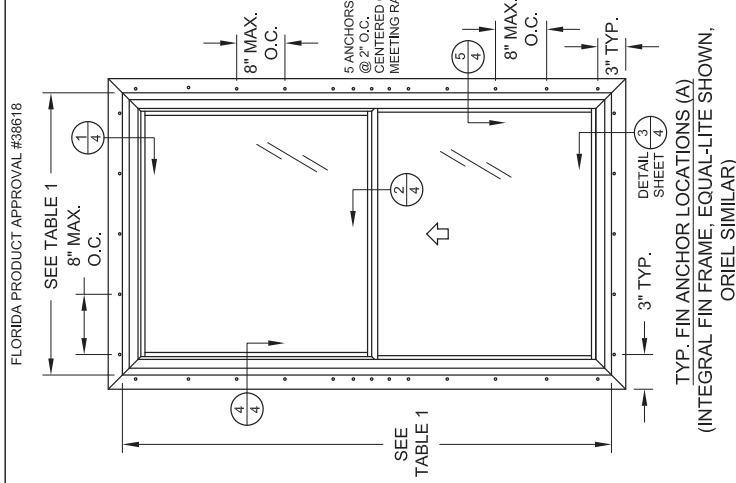
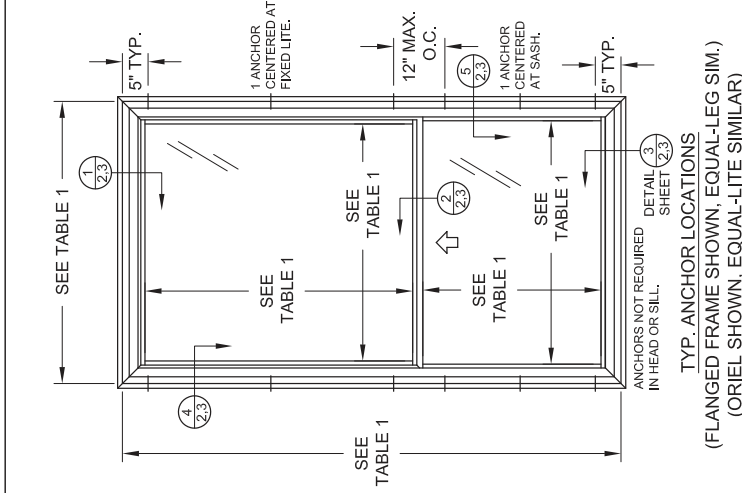
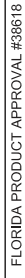


TABLE 1: DESIGN PRESSURES

Buck Width	Buck Height	Max. Sash DLO Size (Width x Height)	Max. Fixed DLO Size (Width x Height)	Configuration	Frame Type	Glass Type	Design Pressure (+) psf	Design Pressure (-) psf
54"	76"	47.25" x 34.44"	49.75" x 34.44"	Equalite	All	1	50.0	50.0
36"	72"	29.25" x 32.44"	31.75" x 32.44"	Equalite	All	1	65.0	75.0
48"	84"	41.25" x 38.25"	43.75" x 38.63"	Equalite	Flange, Equal-Leg	1	45.0	45.0
48"	84"	41.25" x 38.25"	43.75" x 38.63"	Equalite	Fin (A)	1	50.0	55.0
54"	92"	47.25" x 34.19"	49.81" x 50.75"	Ortel	Flange, Equal-Leg	2	30.0	30.0
54"	92"	47.25" x 34.19"	49.81" x 50.75"	Ortel	Fin (B)	2	40.0	40.0

FOR SIZES NOT SHOWN,
ROUND UP TO THE NEXT
AVAILABLE WIDTH OR
HEIGHT DIMENSION.

FOR GLASS TYPES,
SEE SHEET 6.

**SH800V SINGLE HUNG, TILT WINDOW,
NON-IMPACT RESISTANT,
FLANGE. EQUAL-LEG & FIN FRAMES**

1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

2) SHUTTERS ARE REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS:

3) MASONRY ANCHORS MAY BE USED INTO WOOD. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER.

4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH.

5) MAX. 1/4" SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.

6) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WIND LOADS CORRESPONDING TO THE REQUIRED DESIGN PRESSURE. THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. THE 1.6 LOAD DURATION FACTOR WAS USED FOR THE EVALUATION OF ANCHORS INTO WOOD. ANCHORS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.

7) FRAME FLANGES OR INTEGRAL FINS MAY BE TRIMMED IN-FIELD TO CREATE AN EQUAL-LEG FRAME.

 Impact Resistant Windows & Doors		CGI WINDOWS AND DOORS 3780 W. 104TH STREET HIALEAH, FL 33018	
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #229296 COPYRIGHT © 2025 CGI WINDOWS AND DOORS LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	
VINYL SINGLE HUNG WINDOW (NI)			
Date		04/14/23	
Drawn By		ELEVATION & GENERAL NOTES	
SH800V-FPA-NA		DWG No. 1 OF 6	
SH800V		Sheet	

A circular professional engineer seal for Anthony Lynn Miller. The outer ring contains the text "ANTHONY LYNN MILLER" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is on the left and "STATE OF FLORIDA" is on the right. The center of the seal contains the text "No. 58705" and "08/18/23". A signature, "A. Lynn Miller", is written across the center in blue ink.



TABLE 2: INSTALLATION ANCHORS

Anchor	Substrate	Minimum Edge Distance	Minimum Embedment
#10 or #12 Steel or 410 SS Screw	Southern Pine (SG = .55)	1/2"	1-3/8"
	Aluminum, 6063-T5 min.	5/16"	0.050"
	Steel Stud, Gr. 33 min. A36 Steel	5/16"	0.045" (20 Ga)
3/16" Steel Ultracon+	Concrete (min. 2.9 ksi)	1"	1-3/4"
	Ungrouted CMU, (ASTM C-90)	1-1/16"	1-1/4"
	Southern Pine (SG = .55)	1"	1-3/8"
1/4" Steel Ultracon+	Concrete (min. 3.0 ksi)	1"	1-3/8"
	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
	Southern Pine (SG = .55)	1"	1-3/8"

- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.
- 2) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 3) ALL ANCHOR HEAD TYPES ARE APPLICABLE.



INSTALLATION NOTES:

- INSTALLATION NOTES:
- 1) SEE SHEET 1 FOR ANCHOR SPACING REQUIREMENTS.
 - 2) ANY INSTALLATION OPTION SHOWN (2X BUCK OR WOOD FRAMING, 1X BUCK, DIRECT TO MASONRY, STEEL STUD) MAY BE USED ON ANY SIDE OF THE WINDOW.
 - 3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE 2. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. MAX. SHIM THICKNESS TO BE 1/4".
 - 4) MAXIMUM DESIGN PRESSURE LIMITED TO +/- 50 PSF FOR ALTERNATE ANCHOR LOCATION.

 Impact Resistant Windows & Doors	CGI WINDOWS AND DOORS 3780 W. 104TH STREET HIALEAH, FL 33018		REGISTRATION #29296 COPYRIGHT © 2023 CGI WINDOWS AND DOORS LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	VINYL SINGLE HUNG WINDOW (NI) 04/14/23	FLANGE INSTALL SECTION VIEWS Drawn By: LOGAN YODER	DWG No. SH8000V-FPA-NI	Sheet 2 OF 6	Series / Job No. / Title
	PREPARED BY: A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VEINICE, FL 34275 (941) 480-1600							

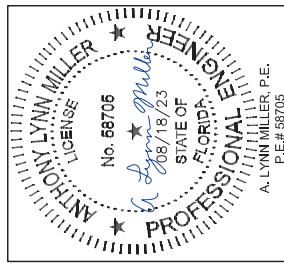




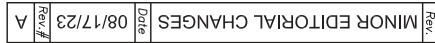
TABLE 3: INSTALLATION ANCHORS

Anchor	Substrate	Minimum Edge Distance	Minimum Embedment
#10 or #12 Steel or 410 SS Screw	Southern Pine (SG = .55)	1/2"	1-3/8"
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	Steel Stud, Gr. 33 min. A36 Steel	5/16"	0.045" (20 Ga)
3/16" Steel Ultracon+	Concrete (min. 2.9 ksi)	1"	1-3/4"
	Ungrouted CMU, (ASTM C-90)	1-1/16"	1-1/4"
	Southern Pine (SG = .55)	1"	1-3/8"
1/4" Steel Ultracon+	Concrete (min. 3.0 ksi)	1"	1-3/8"
	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
	Southern Pine (SG = .55)	1"	1-3/8"

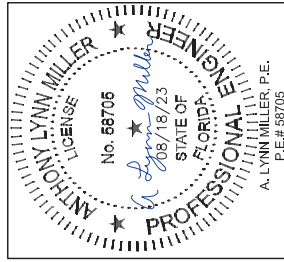
- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.
- 2) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 3) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:

- INSTALLATION NOTES:
- 1) SEE SHEET 1 FOR ANCHOR SPACING REQUIREMENTS.
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 - 3) USE ONLY SUBSTRATE APPROPRIATE ANCHORS LISTED IN ANCHOR TABLE 3. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. MAX. SHIM THICKNESS TO BE 1/4".
 - 4) MAXIMUM DESIGN PRESSURE LIMITED TO +/- 50 PSF FOR ALTERNATE ANCHOR LOCATION.



 Impact Resistant Windows & Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34775 (941) 480-1600	CGI WINDOWS AND DOORS 3780 W. 104TH STREET HIALEAH, FL 33018		REGISTRATION #29296 COPYRIGHT © 2023 CGI WINDOWS AND DOORS ALL RIGHTS RESERVED. NO COPIES FOR REPRODUCTION ARE PERMITTED.		Date	04/14/23
	VINYL SINGLE HUNG WINDOW (N1)		EQUAL-LEG INSTALLATION		Drawn By	LOGAN YODER
SH800V		Sheet	3 OF 6	DWG No.	SH800V-FPA-N1	



Rev. #A

08/17/23

MINOR EDITORIAL CHANGES

SH800V

4 OF 6

SH800V-FPA-NI

Impact Resistant Windows & Doors

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
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CGI WINDOWS AND DOORS
3780 W. 104TH STREET
HIALEAH, FL 33018

Prepared by A. LYNN MILLER

Drawn By LOGAN YODER

04/14/23

VINYL SINGLE HUNG WINDOW (NI)

FIN INSTALLATION SECTION VIEWS

Series Desc. Title

SH800V

4 OF 6

SH800V-FPA-NI

ANTHONY LYNN MILLER
No. 68705
08/18/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

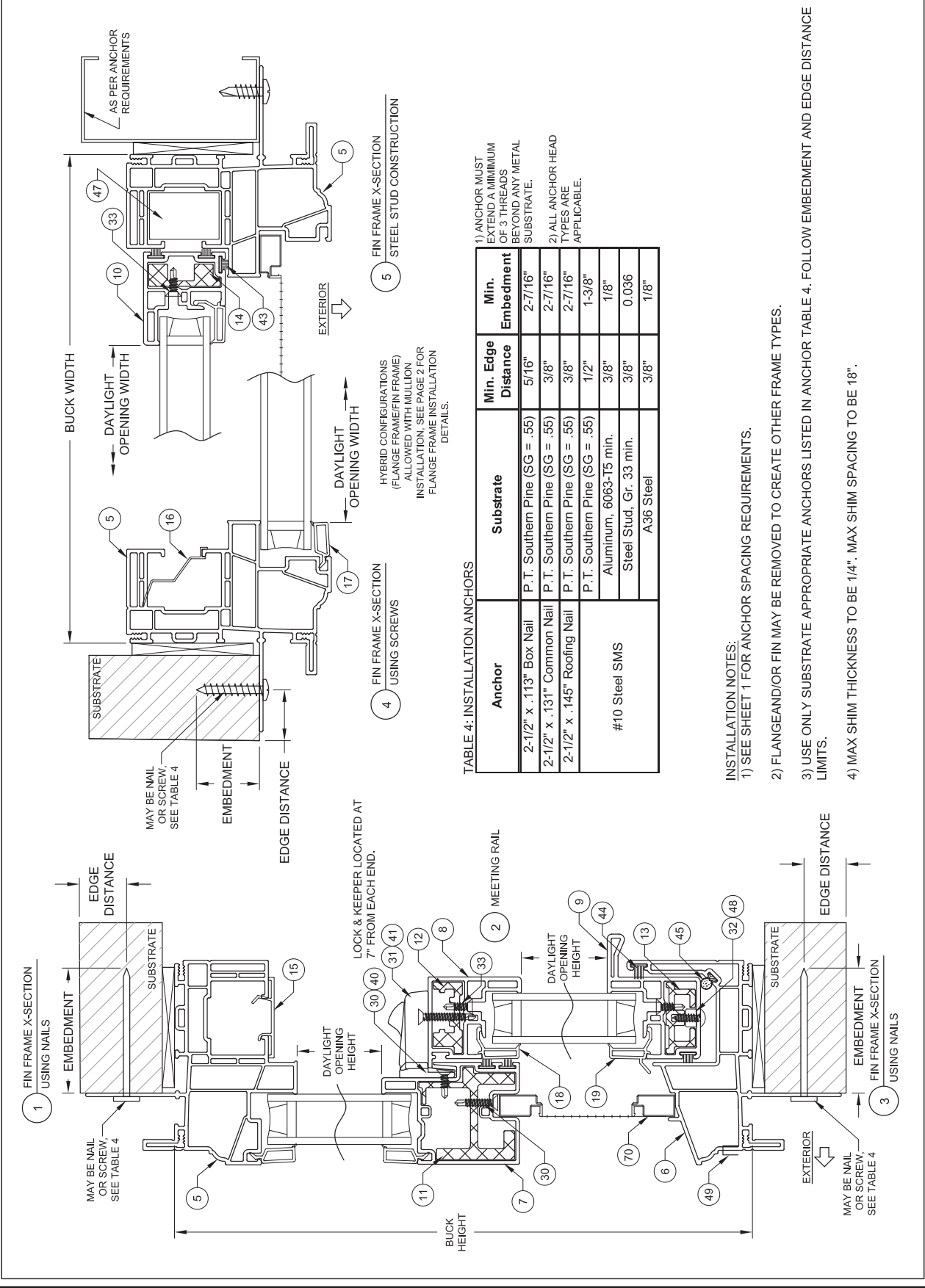
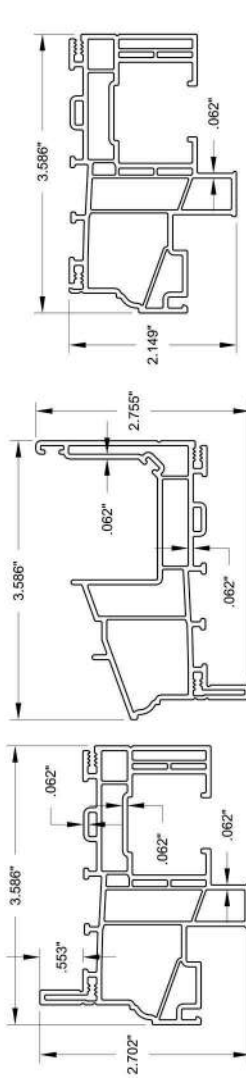


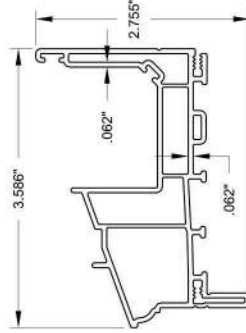
TABLE 5:

#	Part #	Description	Material
1	9465	Head & Jamb, w/Flange	PVC
2	9469	Sill, w/Flange	PVC
3	9465	Head & Jamb, Equal Leg	PVC
4	9469	Sill, Equal Leg	PVC
5	9455	Head & Jamb, w/Nailing Fin	PVC
6	9459	Sill, w/Nailing Fin	PVC
7	9477	Meeting Rail	PVC
8	9485	Lock Rail	PVC
9	9476	Sash Lift Rail	PVC
10	9438	Sash Stiles	PVC
11	6166	Reinf. - Meeting Rail	6063-T5
12	6165	Reinf. - Lock Rail	6063-T5
13	6163	Reinf. - Lift Rail	6063-T5
14	6164	Reinf. - Stiles	6063-T5
15	9473	Sash Stop	PVC
16	9468	Balancer Cover	PVC
17	9736	Fixed Lite Glazing Bead	PVC
18	9425	Sash Glazing Bead	PVC
30	1012	Screw, #6 x 3/4" PFH	Steel
31	1007	Screw, #6 x 1-1/8" PFH	Steel
32	1015	Screw, #8 x 1/2" PTRUSS	Steel
33	1003	Screw, #6 x 1/2" PFH	Steel
40	8096	Keeper	Zinc
41		Lock	
42	8121	MR Backing Plate	SS
43	4006	WSTP, .270" x .220" Polyfin	
44	4008	WSTP, .270" x .320" Polyfin	
45	4012	WSTP, Bulb Vinyl, .187" x .300"	Steel
46	8205/8206	Tilt Latch, L&R	Zinc
47		Balance	
48	8148	Pivot Bar	SS
49	8223	Weep Cover	Nylon
60	RGS 7700	Pecora 895, SikaFlex 552, Dow 791, 983 or 995	
61		Insulated Glass Spacer	
62	7061	Setting Block, 1/8" x 7/8" x 2"	EPDM
70	6244	Screen Frame	Aluminum

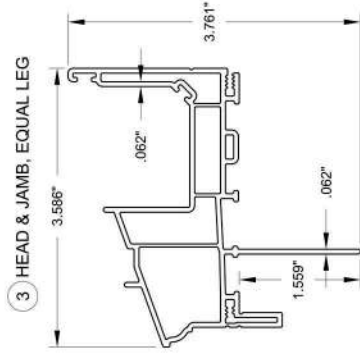
THE APPROVED, RIGID PVC EXTERIOR EXTRUSIONS ARE TO BE PRODUCED BY EXTRUDERS' LICENSEES UNDER "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



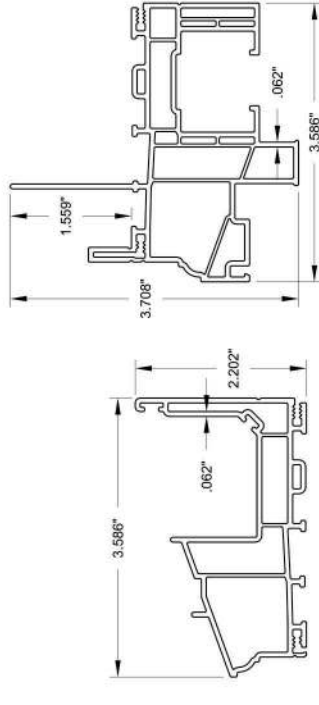
1 HEAD & JAMB, w/FLANGE



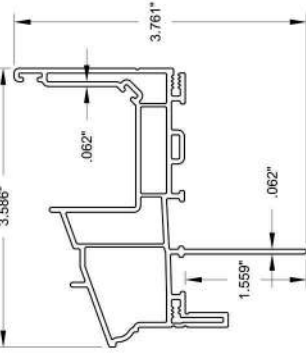
2 SILL, w/FLANGE



3 HEAD & JAMB, EQUAL LEG

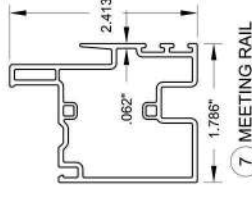


4 SILL, EQUAL LEG

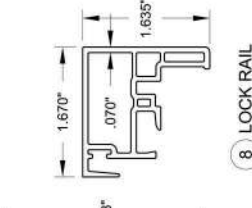


5 HEAD & JAMB, w/NAILING FIN

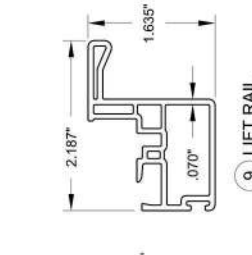
6 SILL, w/NAILING FIN



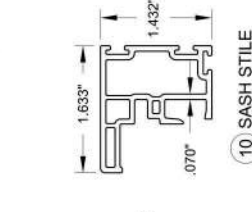
7 MEETING RAIL



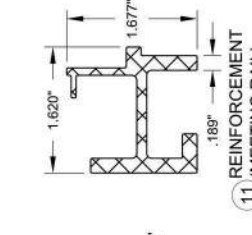
8 LOCK RAIL



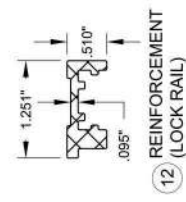
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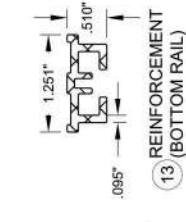
10 SASH STILE



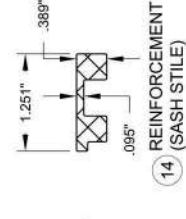
11 REINFORCEMENT (MEETING RAIL)



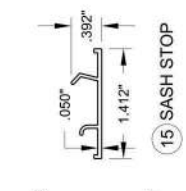
12 REINFORCEMENT (LOCK RAIL)



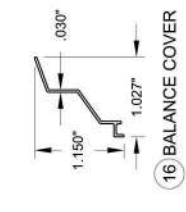
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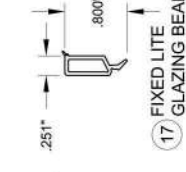
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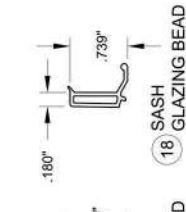
15 SASH STOP



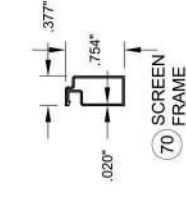
16 BALANCE COVER



17 FIXED LITE GLAZING BEAD



18 SASH GLAZING BEAD



19 SCREEN FRAME

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
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(941) 480-1600

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CGI WINDOWS AND DOORS
3780 W. 104TH STREET
MILWAUKEE, FL 33018

Impact Resistant
Windows & Doors

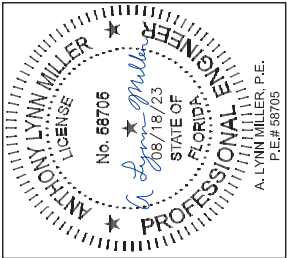
VINYL SINGLE HUNG WINDOW (NI)
04/14/23

EXTRUSIONS & BOM
LOGAN YODER

SH800V
5 OF 6
REV 01

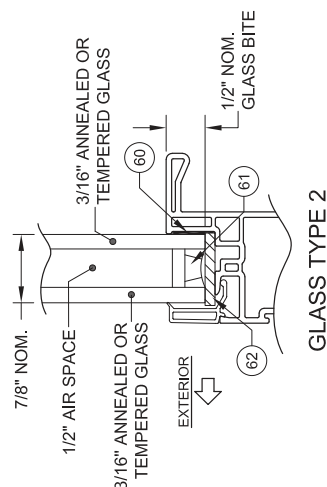
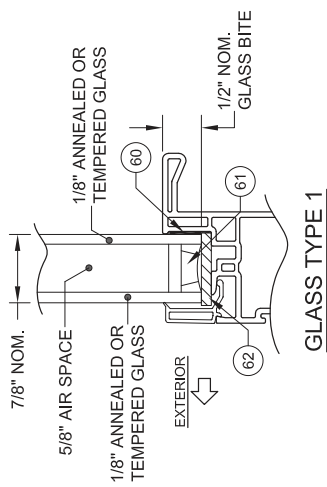
SH800V-FPA-NI





Serial	SH800V	Sheet	6 OF 6	DWG No.	SH800V-FPA-NI
Desc. Title	GLASS DETAILS				
Drawn By	LOGAN YODER				
Date	04/14/23				
CGI WINDOWS AND DOORS 3780 W. 104TH STREET HIALEAH, FL 33018		VINYL SINGLE HUNG WINDOW (NI)			COPYRIGHT © 2023 CGI WINDOWS AND DOORS LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. REGISTRATION #29296
Impact Resistant Windows & Doors		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			
CGI					

Rev.	MINOR EDITORIAL CHANGES
Date	08/17/23
Rev. #	A





Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > **Application List**

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Search Criteria

[Refine Search](#)

Code Version	2023	FL#	11646.1
Application Type	ALL	Product Manufacturer	ALL
Category	ALL	Subcategory	ALL
Application Status	ALL	Compliance Method	ALL
Quality Assurance Entity	ALL	Quality Assurance Entity Contract Expired	ALL
Product Model, Number or Name	ALL	Product Description	ALL
Approved for use in HVHZ	ALL	Approved for use outside HVHZ	ALL
Impact Resistant	ALL	Design Pressure	ALL
Other	ALL		

Search Results - Applications

FL#	Type	Manufacturer	Validated By	Status
FL11646-R15 History	Affirmation	Atrium Windows & Doors FL#: FL11646.1 Model: 311/312/378 Sliding Glass Door Description: R-PG35*-1797x2019 (71x80)-SD (311), R-PG35-2407x2019 (95x80)-SD (312), R-PG30-1899x2426 (75x96)-SD (312), R-PG35-1829x2083 (72x82)-SD (378) Category: Exterior Doors Subcategory: Sliding Exterior Door Assemblies	National Accreditation & Management Institute (804) 684-5124	Approved

*Approved by DBPR. Approvals by DBPR shall be reviewed and ratified by the POC and/or the Commission if necessary.

[Contact Us](#) :: [2601 Blair Stone Road, Tallahassee FL 32399](#) Phone: 850-487-1824

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Product Approval Accepts:





Product Approval
USER: Public User

[Product Approval Menu](#) > [Product or Application Search](#) > [Application List](#) > **Application Detail**

► OFFICE OF THE
SECRETARY

FL #	FL11646-R15
Application Type	Affirmation
Code Version	2023
Application Status	Approved
Comments	
Archived	☐
Product Manufacturer	Atrium Windows & Doors
Address/Phone/Email	300 Welcome Center Blvd. Welcome, NC 27374 (800) 542-9118 Ext 413596 luanne.harris@cornerstone-bb.com
Authorized Signature	Harris Luanne luanne.harris@cornerstone-bb.com
Technical Representative	
Address/Phone/Email	
Quality Assurance Representative	Luanne Harris
Address/Phone/Email	300 Welcome Center Blvd. Welcome, NC 27374 (800) 542-9118 Ext 413596 luanne.harris@cornerstone-bb.com
Category	Exterior Doors
Subcategory	Sliding Exterior Door Assemblies
Compliance Method	Certification Mark or Listing
Certification Agency	National Accreditation & Management Institute
Validated By	National Accreditation & Management Institute
Referenced Standard and Year (of Standard)	<u>Standard</u> AAMA/WDMA/CSA 101/I.S.2/A440
	<u>Year</u> 2008
Equivalence of Product Standards Certified By	Florida Licensed Professional Engineer or Architect FL11646 R15 Equiv FL11646 Equivalency Letter SS 2022-02-11.pdf

☒ I affirm that there are no changes in the new Florida Building Code which affect my product(s) and my product(s) are in compliance with the new Florida Building Code.

Documentation from approved Evaluation or Validation Entity ☐ Yes ☐ No ☐ N/A

ATRIUM CORPORATION - 311/312/378 VINYL SLIDING GLASS DOOR

(NON-IMPACT)

INSTALLATION NOTES:

- I.

ONE (1) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2.

THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3.

INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4.

SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
5.

FOR NAIL FIN: WOOD BUCK: USE #8 WOOD SCREWS THROUGH THE FIN OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6.

FOR NAIL FIN: STEEL STUD: USE #8 TEK SCREWS THROUGH THE FIN OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
7.

FOR THRU FRAME: WOOD BUCK: USE #10 WOOD SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
8.

FOR THRU FRAME: CONCRETE/MASONRY: FOR INSTALLATION THROUGH IX BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH DIAMETER TIW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
9.

FOR THRU FRAME: STEEL STUD: USE #10 TEK SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
10.

MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- II.

INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
12.

FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
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 BY THE ANCHOR MANUFACTURER.
14.

INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A.

WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42.

B.

CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C.

MASONRY - CMU UNIT STRENGTH CONFORMS TO ASTM C-90, WITH MIN. COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MIN. GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

D.

STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM WALL THICKNESS OF 33 MILS. (20 GAUGE)

SIZE CHART				
OVERALL SIZE		PRODUCT RATING	MAX. DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT			
70-3/4"	79-1/2"	R-PG35	+35/-35 PSF	FIN
94-3/4"	79-1/2"	R-PG35	+35/-35 PSF	
74-3/4"	95-1/2"	R-PG30	+30/-30 PSF	
* 72"	82"	R-PG35	+35/-35 PSF	
71-9/16"	79-1/2"	R-PG35	+35/-35 PSF	FINLESS
95-5/8"	79-1/2"	R-PG35	+35/-35 PSF	
75-3/4"	95-1/2"	R-PG30	+30/-30 PSF	
* 72"	82"	R-PG35	+35/-35 PSF	

*UNIT USES ALUMINUM REINFORCEMENTS, ALL OTHERS USE STEEL

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	ELEVATIONS
3	ANCHOR LAYOUTS
4	VERTICAL SECTIONS
5	HORIZONTAL SECTIONS & GLAZING DETAIL

GENERAL NOTES:

- I.

THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC) AND THE CURRENT IRC/IBC, EXCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

•

AAYAWDMA/CSA 101/1.S.2/A440-08
2.

ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, STEEL STUD, AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3.

1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4.

THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
5.

APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6.

WINDOW FRAME MATERIAL: WHITE OR BEIGE VINYL
7.

GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 2 FOR GLAZING DETAIL.

ATRIUM

WINDOWS AND DOORS

300 WELCOME CENTER BLVD

WELCHME, NC 27374

PH: (800) 542-9118

TITLE: 311/312/378 VINYL SLIDING GLASS DOOR				
INSTALLATION & GENERAL NOTES				
NO.	REVISION DESCRIPTION	BY	DATE	
A	FBC 2010 CODE CHANGE	JLA	12.08.11	
B	FBC 5TH ED. CODE CHANGE	SM	06.02.14	
C	CERTIFICATION UPDATE	LS	09.01.16	
D	UPDATED FOR 7TH EDITION (2020) FBC	LHM	01.10.22	

DATE:	12.23.10
DWN BY:	MSS
CHK BY:	HFN
SCALE:	NTS

HERMES F. NORERO, P.E.
FLORIDA PROFESSIONAL ENGINEER
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
FBCPE CERT. OF AUTHORIZATION No. 28578

legally signed by Hermes F Norero
Reason: I am approving this document
Date: 2022.04.11 16:48:27 11646

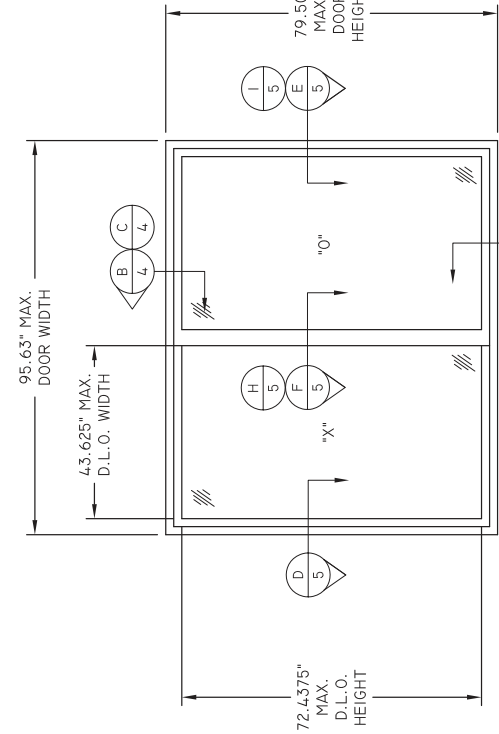


BUILDING DROPS, INC.
BLVD. # 338
DANIA BEACH, FL 33004
PH:(954)399-8478 FX:(954)744-4738

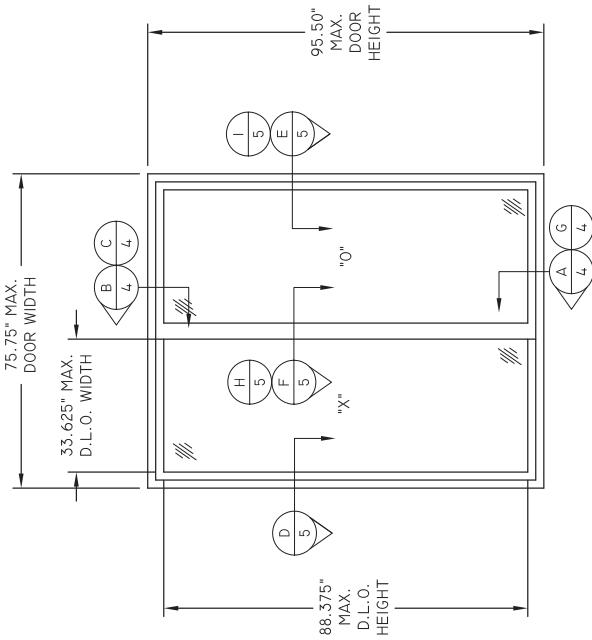
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DWG#: ATR023

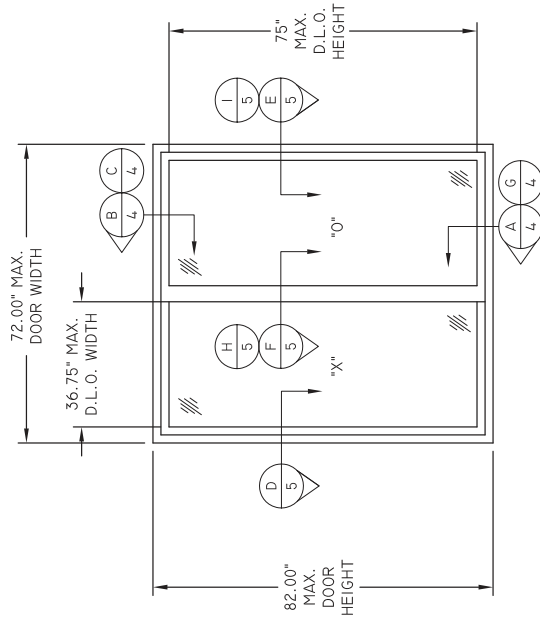
SHEET: 1 OF 5



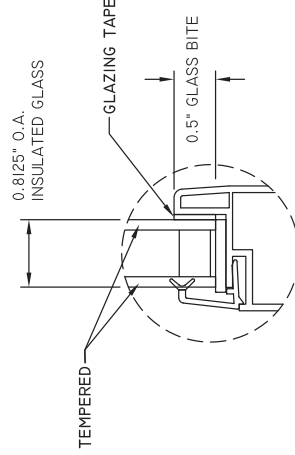
ELEVATION
TYPICAL



ELEVATION
TYPICAL



ELEVATION
TYPICAL



GLAZING DETAIL

- NOTES:
- GLASS THICKNESS AND TYPE MAY VARY PER ASTM E 1300 REQUIREMENT GLASS CHARTS.
 - ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN THE CURRENT FBC.



300 WELCOME CENTER BLVD
WELCOME, NC 27374
PH: (800) 542-9118

REVISION DESCRIPTION

BY	DATE
JLA	12.08.11
SM	06.02.14
LS	09.01.16
LMH	01.10.22

UPDATED FOR 7TH EDITION (2020) FBC

DATE: 12.23.10

NO.:

REVISION DESCRIPTION

BY

DATE

CHK BY:

HN

SCALE:

NTS

DWN BY:

MSS

DATE: 12.23.10

HERNIES F. NOREDO, P.E.
FLORIDA PROFESSIONAL ENGINEER
NO. 73778
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
FBCPE CERT. OF AUTHORIZATION NO. 29578





BUILDING DROPS, INC.
10000 W. STATE RD. #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

FL#: 11646

DWG#: ATR023

SHEET: 2

OF 5

DATE: 12.23.10		TITLE: 311/312/378 VINYL SLIDING GLASS DOOR ANCHOR LAYOUTS			
DWN BY:	NO.	REVISION DESCRIPTION		BY	DATE
MSS	A	FBC 2010 CODE CHANGE		JLA	12.08.11
CHK BY:	B	FBC 5TH ED. CODE CHANGE		SM	06.02.14
HFN	C	CERTIFICATION UPDATE		LS	09.01.16
SCALE: NTS	D	UPDATED FOR 7TH EDITION (2020) FBC		LMH	01.10.22

HERNIES F. NORERO, P.E.
FLOORING CONTRACTORS, INC.
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
FLORIDA LICENSE NO. 73778
FBPE CERT. OF AUTHORIZATION No. 29578

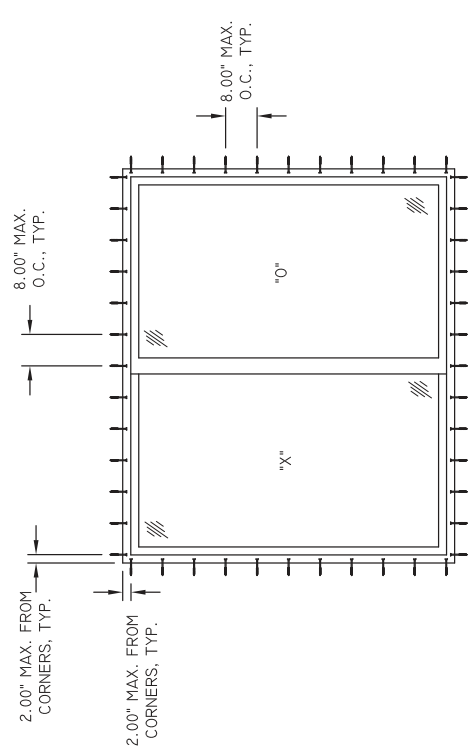


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398 E. DANIA BEACH BLVD., #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

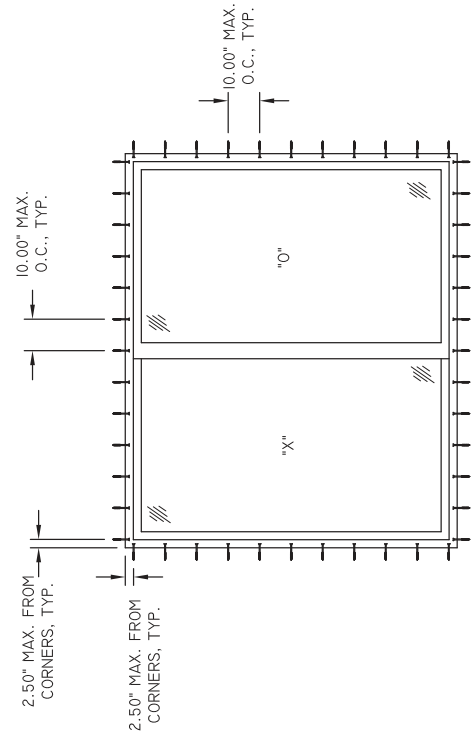
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DWG #: ATR023

SHEET: 3 OF 5

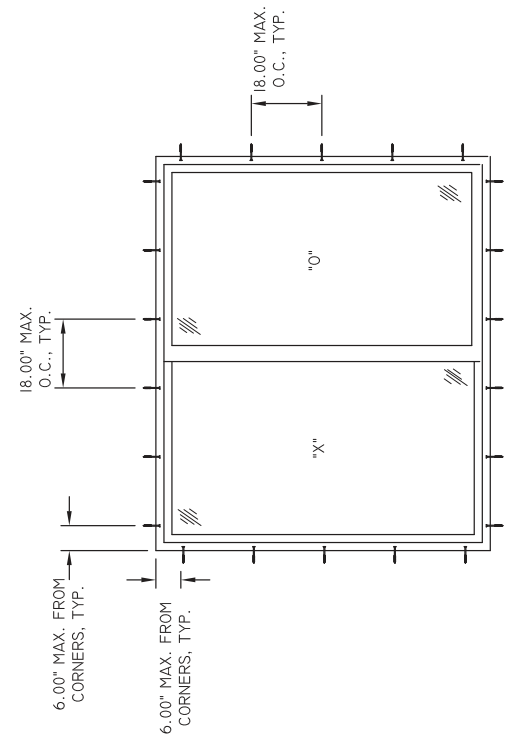


ANCHOR LAYOUT
NAILING FIN



ANCHOR LAYOUT
NAILING FIN

*APPLICABLE ONLY TO 74.75" X 95.5" CONFIGURATION



ANCHOR LAYOUT
THROUGH FRAME

TITLE: 311/312/378 VINYL SLIDING GLASS DOOR		VERTICAL SECTIONS	
NO.	REVISION DESCRIPTION	BY	DATE
A	FBC 2010 CODE CHANGE	JLA	12.08.11
B	FBC 5TH ED. CODE CHANGE	SM	06.02.14
C	CERTIFICATION UPDATE	LS	09.01.16
D	UPDATED FOR 7TH EDITION (2020) FBC	LHM	01.10.22
SCALE:		NTS	
CHK BY:	HFN		
DWN BY:	MSS		
DATE:	12.23.10		

HERNIES F. NORENO, P.E.
FLORIDA PROFESSIONAL ENGINEER
NO. 73778
398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
FBCPE CERT. OF AUTHORIZATION No. 29578

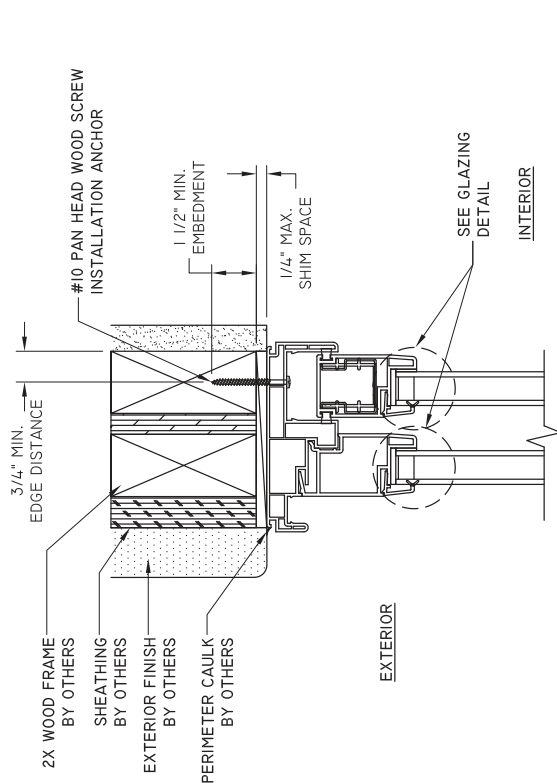


BUILDING DROPS, INC.
300 WELCOME CENTER BLVD., #338
DANIA BEACH, FL 33004
PH: (954) 399-8478 FX: (954) 744-4738

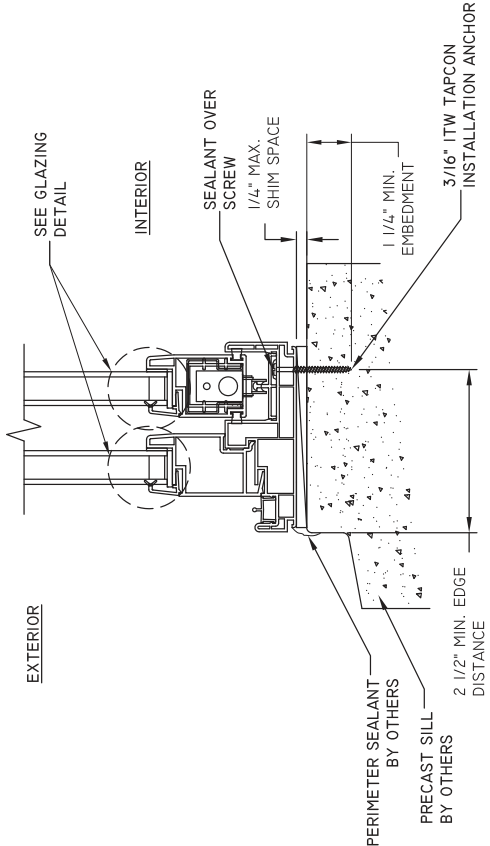
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DWG #: ATR023

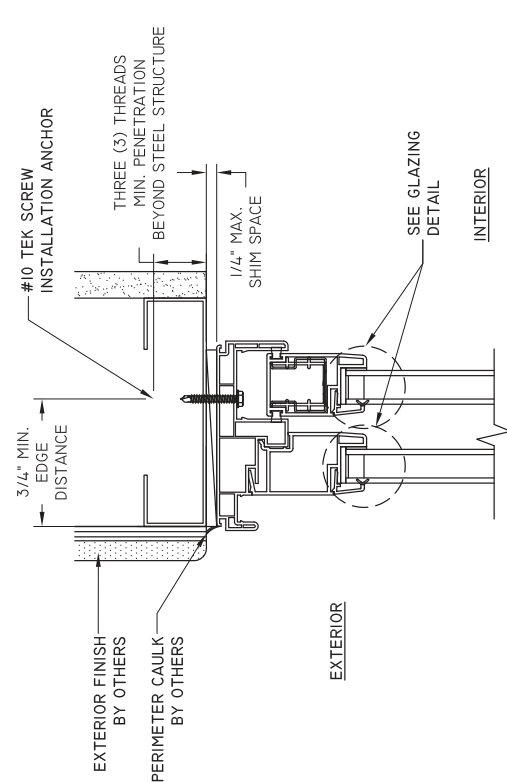
SHEET: 4 OF 5



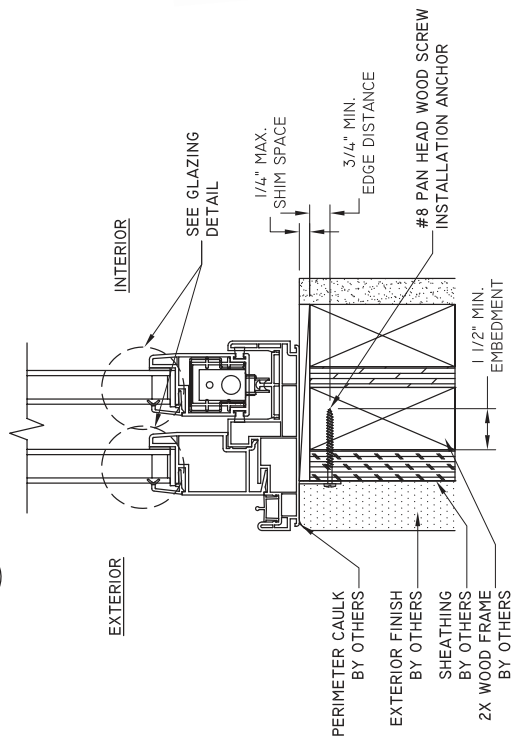
B VERTICAL SECTION
4 2X WOOD FRAME - HEAD



A VERTICAL SECTION
4 CONCRETE - SILL



C VERTICAL SECTION
4 STEEL STUD FRAME - HEAD



G VERTICAL SECTION
4 2X WOOD FRAME - SILL
ALTERNATE FIN INSTALLATION (TYP.)

TITLE: 311/312/378 VINYL SLIDING GLASS DOOR HORIZONTAL SECTIONS & GLAZING DETAIL		NO.	REVISION DESCRIPTION	BY	DATE
		A	FBC 2010 CODE CHANGE	JLA	12.08.11
		B	FBC 5TH ED. CODE CHANGE	SM	06.02.14
		C	CERTIFICATION UPDATE	LS	09.01.16
		D	UPDATED FOR 7TH EDITION (2020) FBC	LMH	01.10.22
DATE:	12.23.10	DWN BY:	MSS		
CHK BY:	HFN	SCALE:	NTS		

HERNIES F. NOREDO, P.E.
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398 E. DANIA BEACH BLVD., # 338
DANIA BEACH, FL 33004
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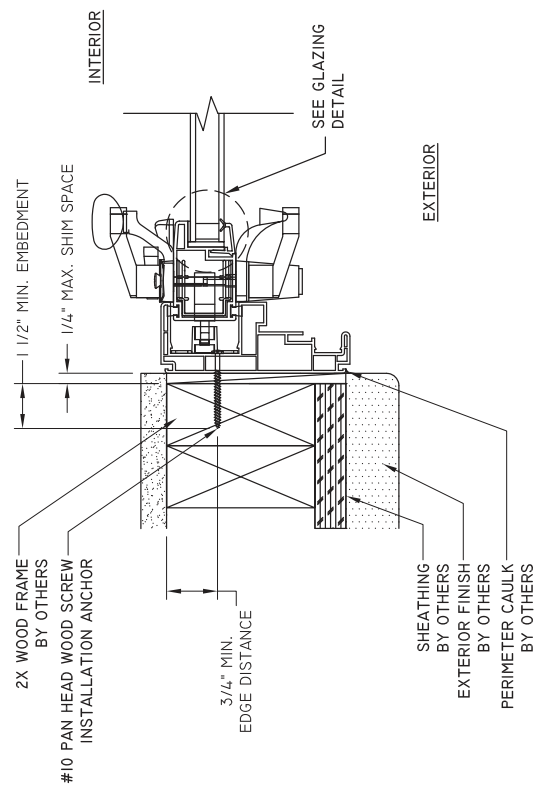


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DANIA BEACH, FL 33004
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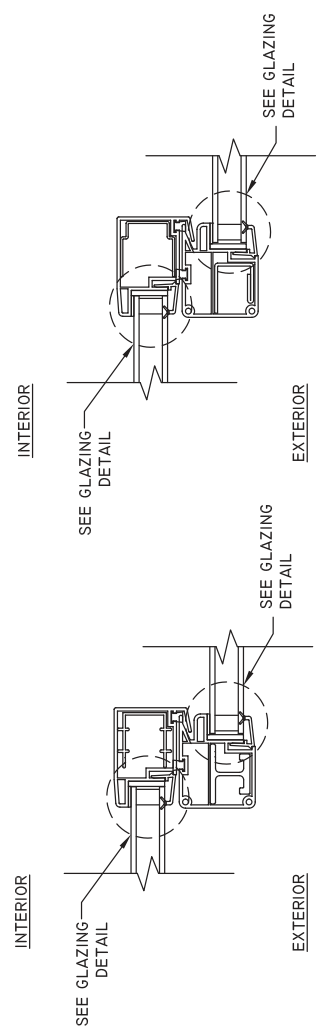
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DWG#: ATR023

SHEET: 5 OF 5

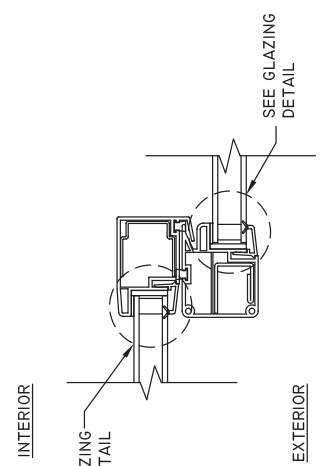


D HORIZONTAL SECTION
5
2X WOOD FRAME - JAMB



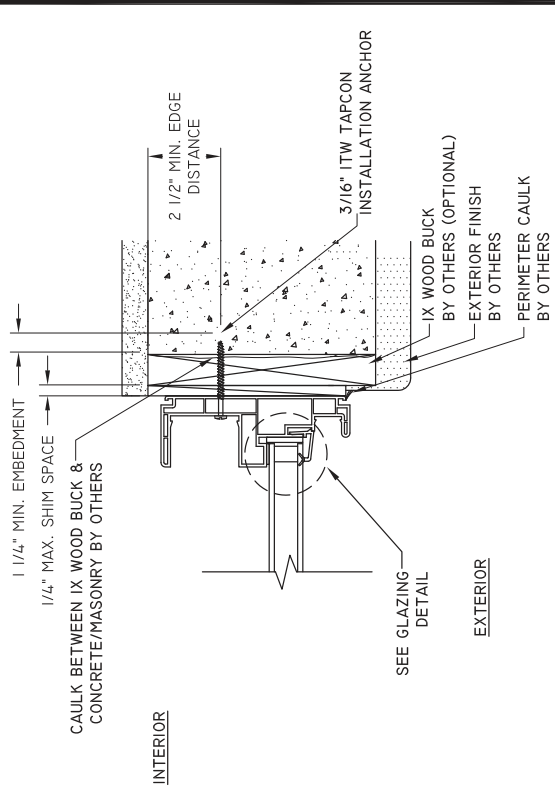
F HORIZONTAL SECTION
5
MEETING STILE
ALUMINUM REINFORCEMENT

NOTE: FOR USE WITH PANEL SIZES
UP TO 37.125" X 79.6875" WITH A
DESIGN PRESSURE OF 35 PSF

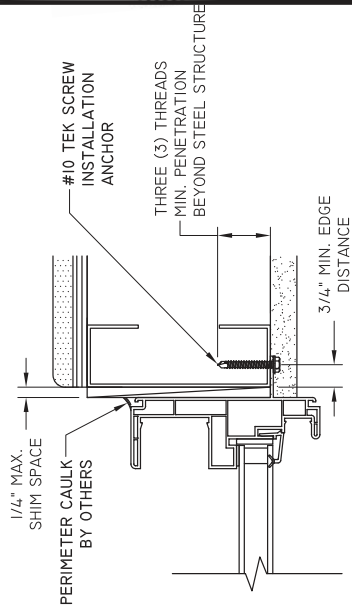


H HORIZONTAL SECTION
5
MEETING STILE
STEEL REINFORCEMENT

NOTE: CAN BE USED WITH ALL PANEL SIZES



E HORIZONTAL SECTION
5
CONCRETE/MASONRY - JAMB



I HORIZONTAL SECTION
5
STEEL STUD - JAMB
ALTERNATE FIN INSTALLATION (TYP.)