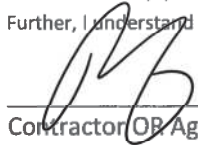


As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your 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			
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

9/3/2024

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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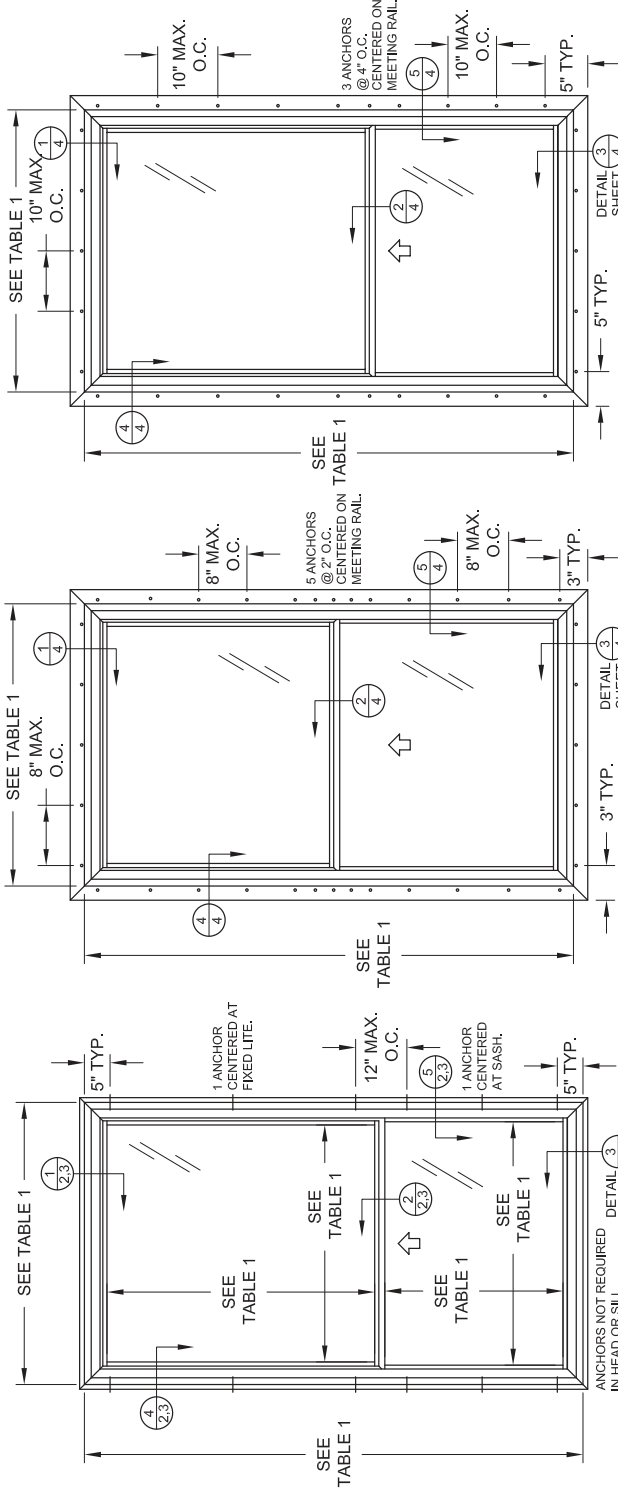
Product Approval Accepts:



FLORIDA PRODUCT APPROVAL #38618

Series	SH800V
Desc. Title	ELEVATION & GENERAL NOTES
Drawn By	LOGAN YODER
Date	04/14/23
Sheet	1 OF 6
DWG No.	SH800V-FPA-NI

DF RATING	NON-IMPACT RESISTANT
SEE TABLE 1	



TYP. ANCHOR LOCATIONS
(FLANGED FRAME SHOWN, EQUAL-LEG SIM.)
(ORIEL SHOWN, EQUAL-LITE SIMILAR)

TYP. FIN ANCHOR LOCATIONS (A)
(INTEGRAL FIN FRAME, EQUAL-LITE SHOWN,
ORIEL SIMILAR)

TYP. FIN ANCHOR LOCATIONS (B)
(INTEGRAL FIN FRAME,
MAX. SIZE ORIEL CONFIG.)

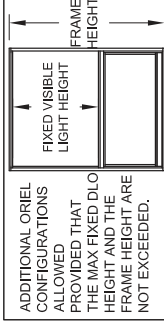


TABLE 1: DESIGN PRESSURES

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

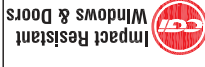
4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH.

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.

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

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Sheet No. 2 OF 6

Desc. Title FLANGE INSTALL SECTION VIEWS

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Desc. Title FLANGE INSTALL SECTION VIEWS

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Sheet No. 2 OF 6

Desc. Title FLANGE INSTALL SECTION VIEWS

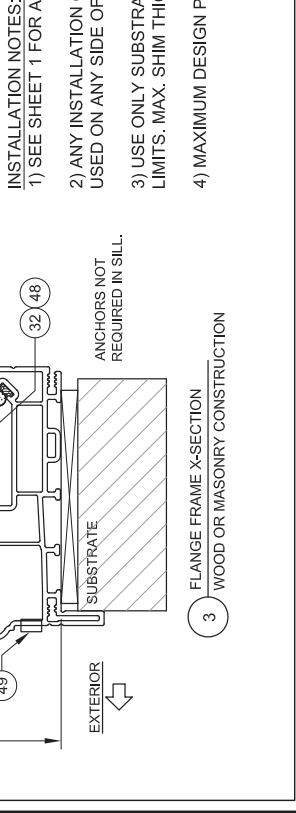
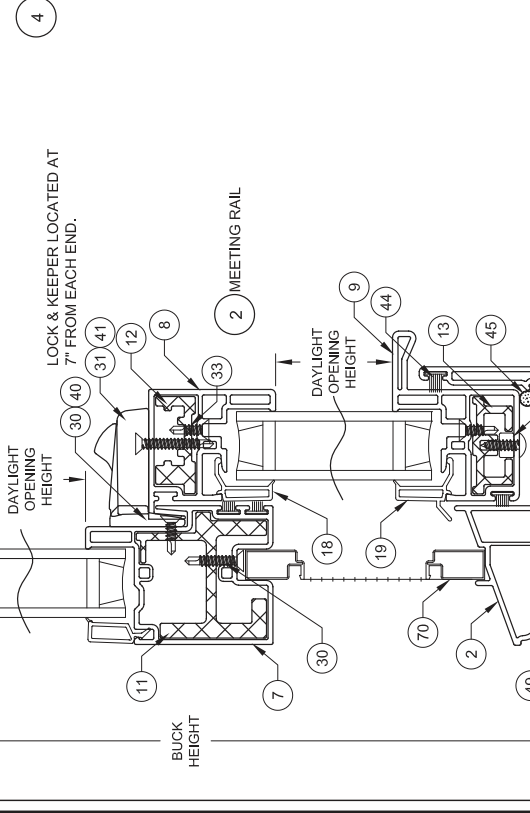
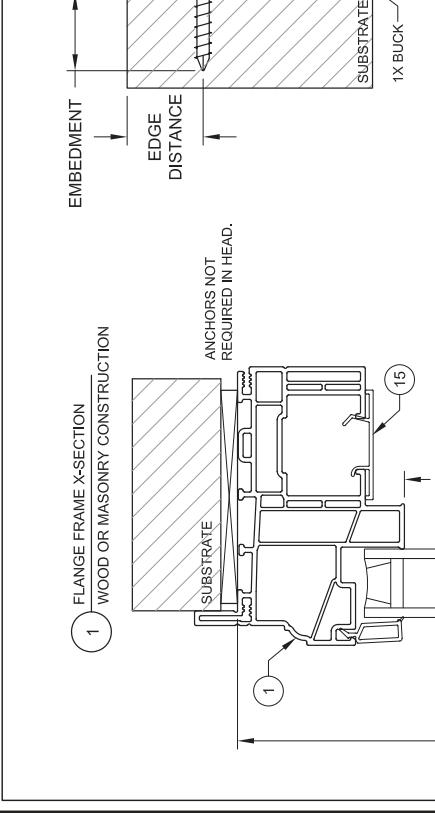
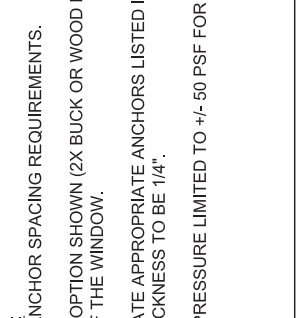
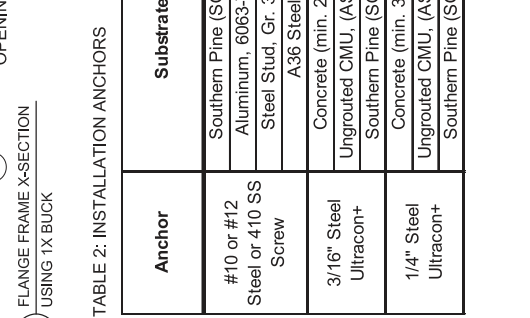
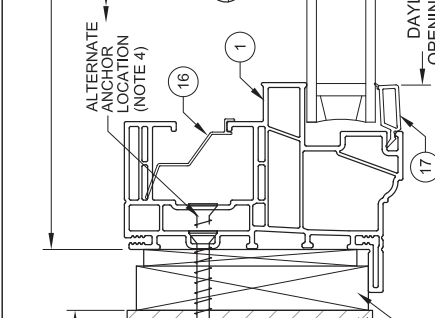
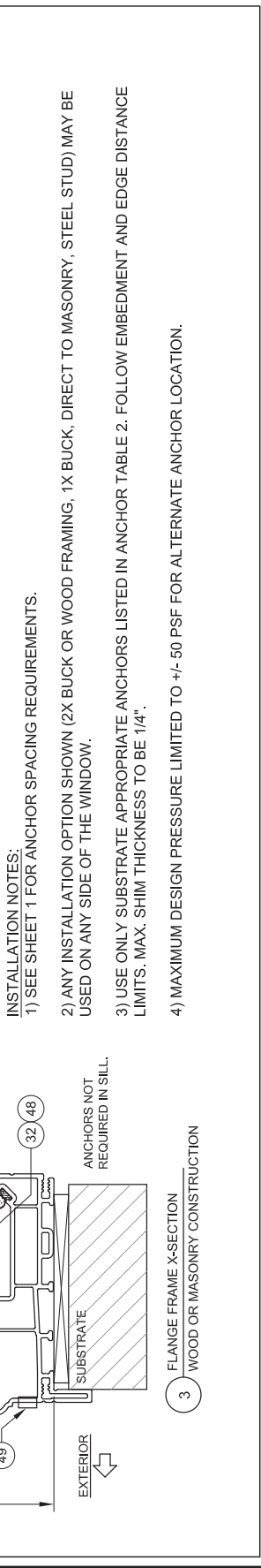
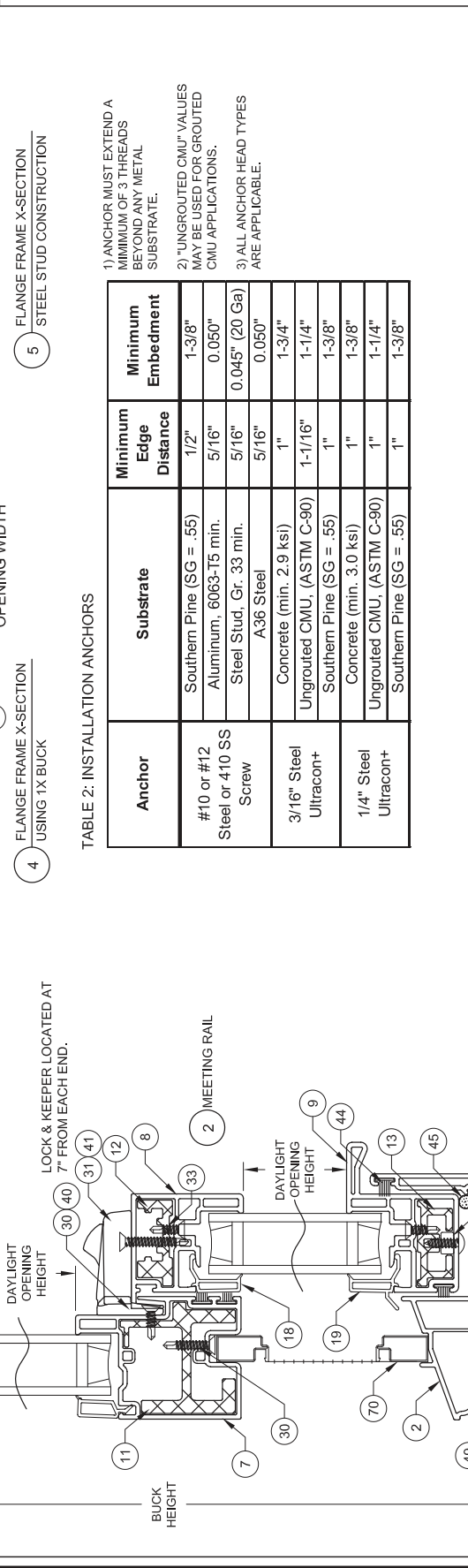
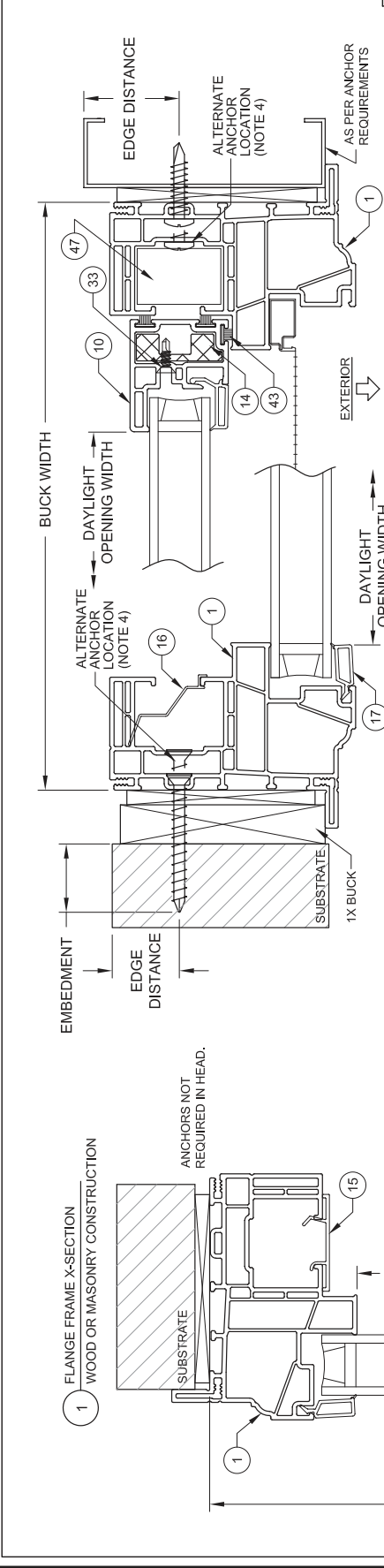


TABLE 2: INSTALLATION ANCHORS

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.	5/16"	0.045" (20 Ga)
	A36 Steel	5/16"	0.050"
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"

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.



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"
	Aluminum, 6063-T5 min.	5/16"	0.050"
	Steel Stud, Gr. 33 min.	5/16"	0.045" (20 Ga)
	A36 Steel	5/16"	0.050"
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"

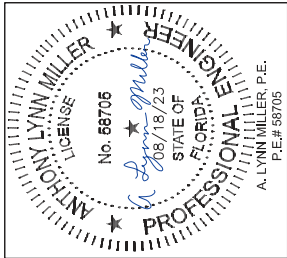
- 1) ANCHOR MUST EXTEND A MINIMUM OF 3 THREADS BEYOND ANY METAL SUBSTRATE.
- 2) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 3) ALL ANCHOR HEAD TYPES ARE APPLICABLE.

INSTALLATION NOTES:

- 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 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	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		CGI WINDOWS AND DOORS 3730 W. 104TH STREET HIALEAH, FL 33018		VINYL SINGLE HUNG WINDOW (NI) 04/14/23	EQUAL-LEG INSTALLATION SECTION VIEWS	Sheet 3 OF 6 DWG No.	SH800V SH800V-FPA-NI
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SH800V

4 OF 6

SH800V-FPA-NI

Impact Resistant Windows & Doors

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Prepared by A. LYNN MILLER

Drawn By LOGAN YODER

DATE 04/14/23

FIN INSTALLATION SECTION VIEWS

ANTHONY LYNN MILLER

PROFESSIONAL ENGINEER

FLORIDA

STATE OF

08/18/23

No. 68705

LICENSE

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P.E.# 58705

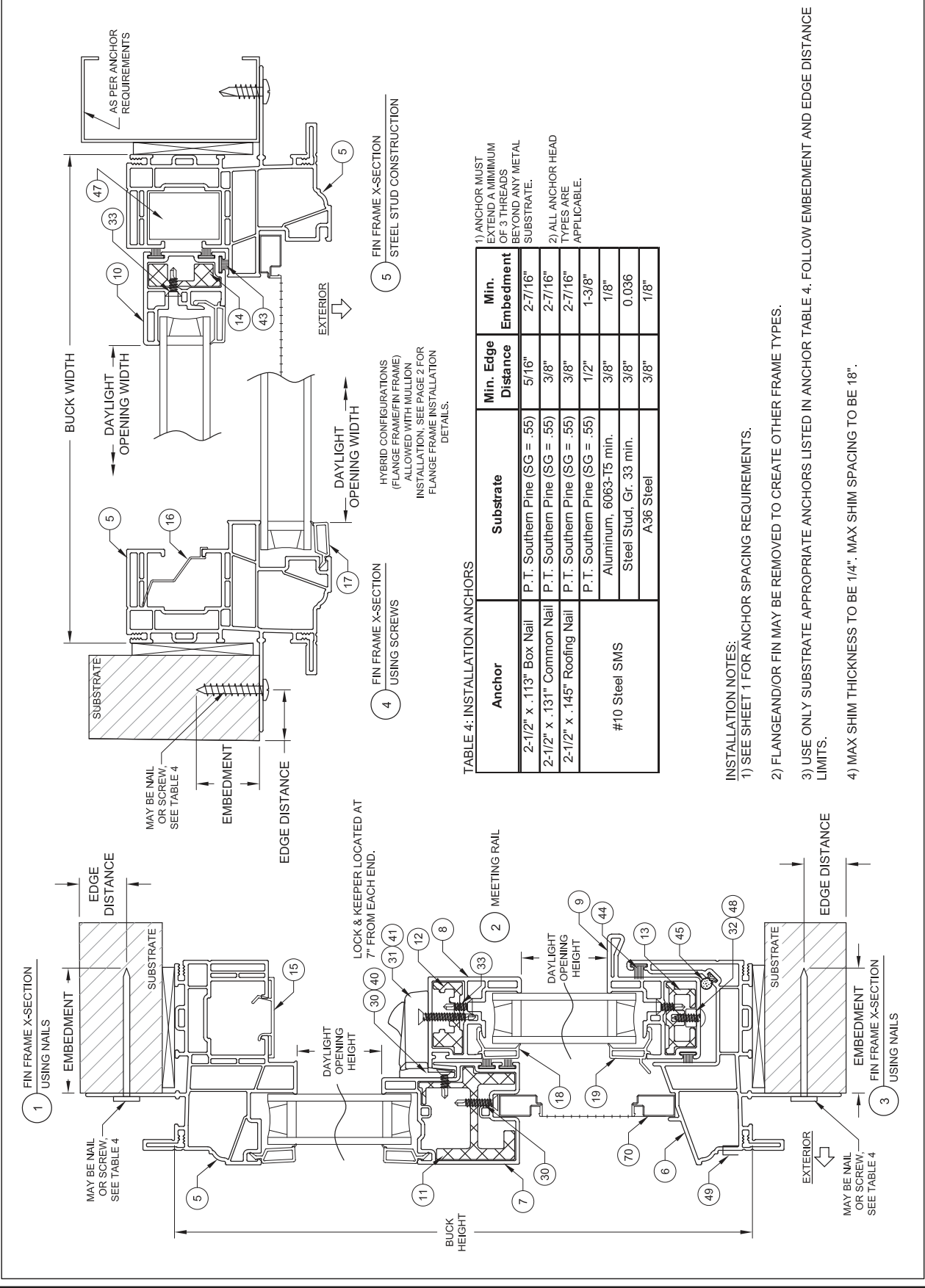
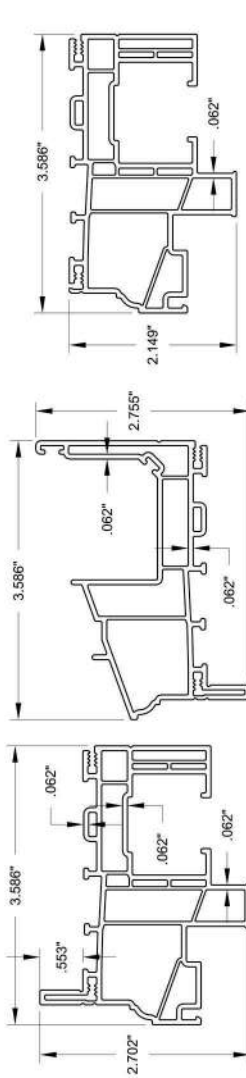


TABLE 5:

#	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	Insulated Glass Spacer	
61		Insulated Glass Spacer	
62	7061	Setting Block, 1/8" x 7/8" x 2"	EPDM
70	6244	Screen Frame	Aluminum

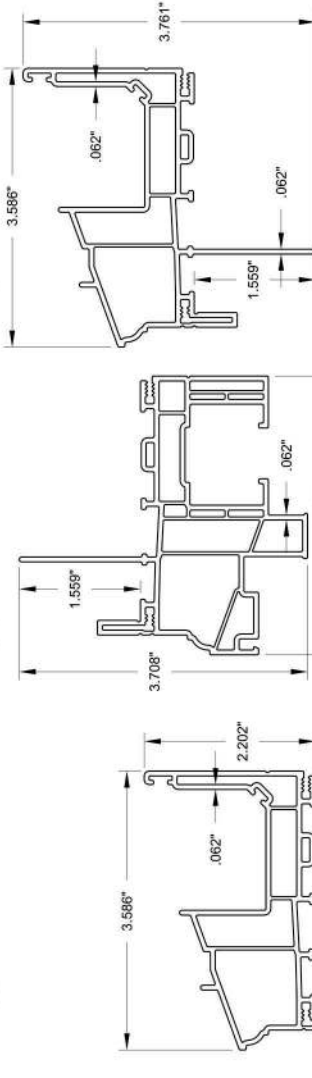
THE APPROVED, RIGID PVC EXTERIOR EXTRUSIONS ARE TO BE PRODUCED BY EXTRUDERS' LICENSEES UNDER "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



① HEAD & JAMB, w/FLANGE

② SILL, w/FLANGE

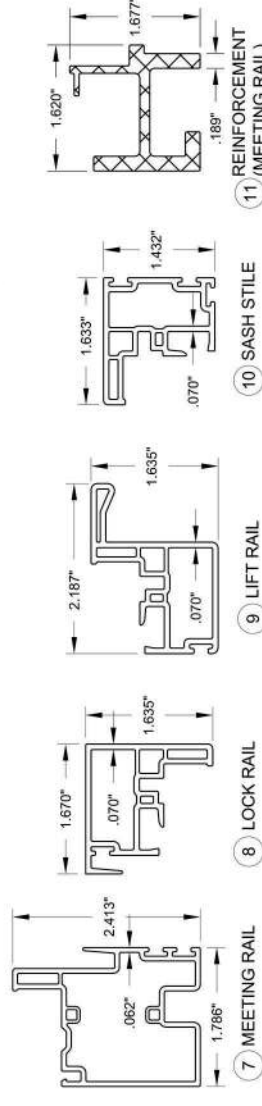
③ HEAD & JAMB, EQUAL LEG



④ SILL, EQUAL LEG

⑤ HEAD & JAMB, w/NAILING FIN

⑥ SILL, w/NAILING FIN



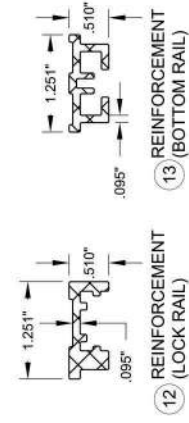
⑦ MEETING RAIL

⑧ LOCK RAIL

⑨ LIFT RAIL

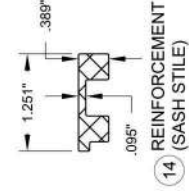
⑩ SASH STILE

⑪ REINFORCEMENT (MEETING RAIL)

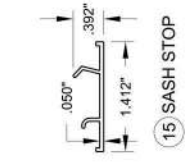


⑫ REINFORCEMENT (LOCK RAIL)

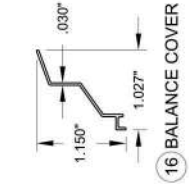
⑬ REINFORCEMENT (BOTTOM RAIL)



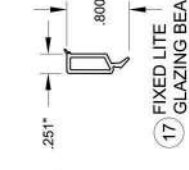
⑭ REINFORCEMENT (SASH STILE)



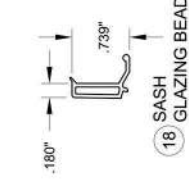
⑮ SASH STOP



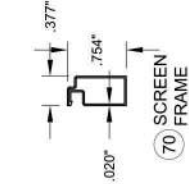
⑯ BALANCE COVER



⑰ FIXED LITE GLAZING BEAD



⑱ SASH GLAZING BEAD



⑳ SCREEN FRAME

PREPARED BY A. LYNN MILLER
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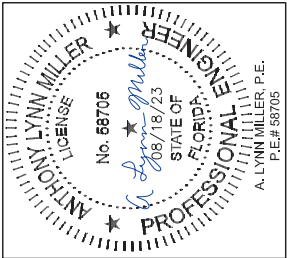
VINYL SINGLE HUNG WINDOW (NI)
04/14/23

EXTRUSIONS & BOM
LOGAN YODER

SH800V
5 OF 6

SH800V-FPA-NI

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



Serial	SH800V	Sheet	6 OF 6	DWG No.	
Desc. Title	GLASS DETAILS				
Drawn By	LOGAN YODER				
Date	04/14/23				
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CGI Windows & Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			PREPARED BY A. LYNN MILLER		

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Date	08/17/23
Rev. #	A

