



[BCIS Home](#) | [Log In](#) | [User Registration](#) | [Hot Topics](#) | [Submit Surcharge](#) | [Stats & Facts](#) | [Publications](#) | [Contact Us](#) | [BCIS Site Map](#) | [Links](#) | [Search](#)



Product Approval
USER: Public User

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



FL #

FL1435-R27

Application Type

Revision

Code Version

2023

Application Status

Approved

Comments

Archived



Product Manufacturer

PGT Industries

Address/Phone/Email

1070 Technology Drive
North Venice, FL 34275
(941) 486-0100 Ext 21140
jrosowski@pgtindustries.com

Authorized Signature

Jens Rosowski
jrosowski@pgtindustries.com

Technical Representative

Lynn Miller, P.E.

Address/Phone/Email

1070 Technology Dr
N Venice, FL 34275
(941) 486-0100 Ext 21142
lmiller@pgtindustries.com

Quality Assurance Representative

Address/Phone/Email

Category

Windows

Subcategory

Single Hung

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer



Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report

A. Lynn Miller, P.E.

Florida License

PE-58705

Quality Assurance Entity

Keystone Certifications, Inc.

Quality Assurance Contract Expiration Date

12/31/2032

Validated By

Steven M. Urlich, PE



Validation Checklist - Hardcopy Received

Certificate of Independence

[FL1435_R27_COI_Cert of Independence.pdf](#)

Referenced Standard and Year (of Standard)

Standard

Year

AAMA/WDMA/CSA 101/IS2/A440

2011

ASTM E1886

2013

ASTM E1996

2012

ASTM E283

2004

ASTM E330

2002

Equivalence of Product Standards
Certified By

Florida Licensed Professional Engineer or Architect

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

10/19/2023

Date Validated

10/20/2023

Date Pending FBC Approval

10/27/2023

Date Approved

12/12/2023

Summary of Products

FL #	Model, Number or Name	Description
1435.1	SH-5400	EnergyVue Vinyl Single Hung Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see the Installation Instructions for design pressure, size and anchorage information.		Installation Instructions FL1435_R27_II_SH5400-NI - REV D.pdf Verified By: A. Lynn Miller, P.E. 58705 Created by Independent Third Party: No Evaluation Reports FL1435_R27_AE_Eng_Eval - SH5400 - REV D.pdf Created by Independent Third Party: No
1435.2	SH-5500	WinGuard Vinyl Single Hung Window
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the Installation Instructions for design pressure, size and anchorage information.		Installation Instructions FL1435_R27_II_SH5500LMI - REV C.pdf Verified By: A. Lynn Miller, P.E. 58705 Created by Independent Third Party: No Evaluation Reports FL1435_R27_AE_Eng_Eval - SH5500 - REV C1.pdf Created by Independent Third Party: No

[Back](#)

[Next](#)

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

The State of Florida is an AA/EEO employer. [Copyright 2007-2013 State of Florida](#). :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:



Credit Card
Safe

SECURITYMETRICS

SERIES SH5500 IMPACT RESISTANT VINYL SINGLE HUNG WINDOW

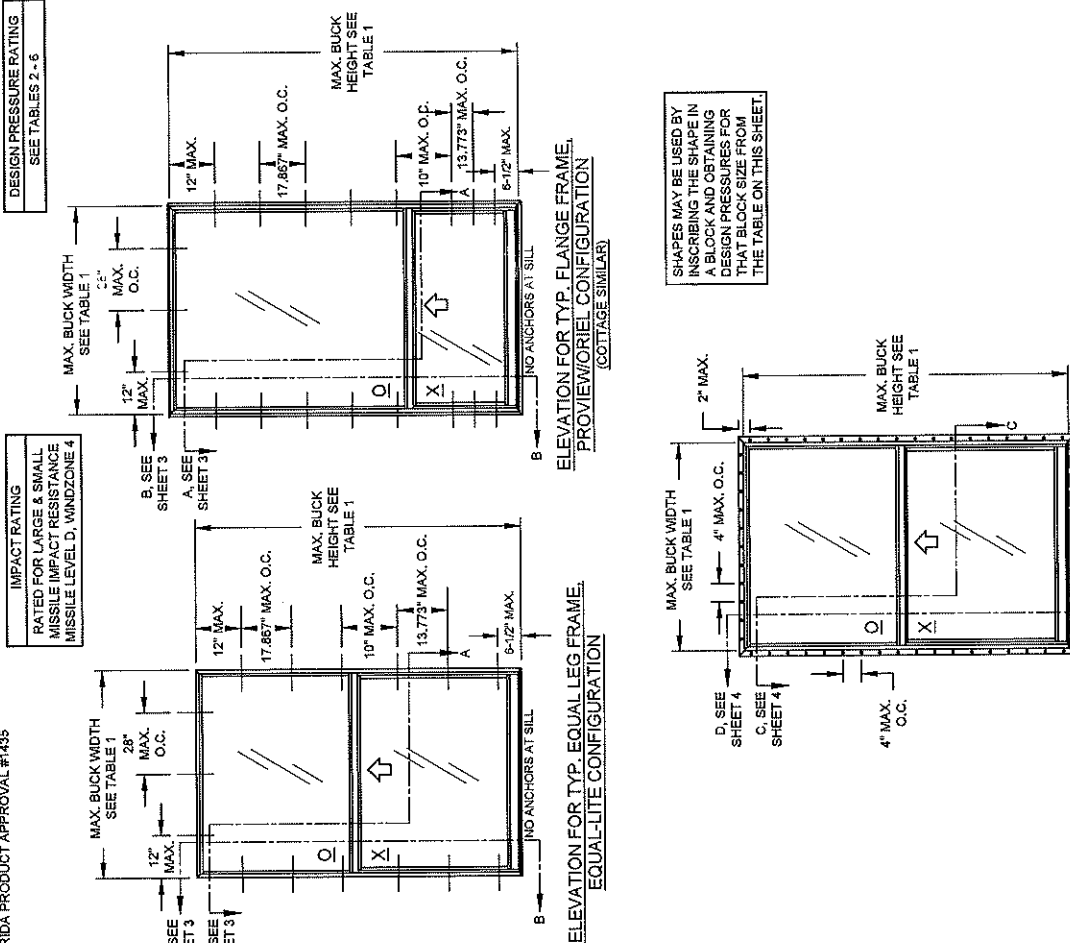
- THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE.
- SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLES 2 & 3. ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X 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. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH. ANCHORS AND FRAME CORNERS SHOULD BE SEALED. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE WINDOW.
- 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.
- FRAME FLANGES OR INTEGRAL FINS MAY BE TRIMMED IN-FIELD TO CREATE EQUAL-LEG FRAME.

TABLE 1:

Window Buck Size	Width	Height	Configuration	Reinf. Level	Design Pressure		Certification (CAR) Number
					(+) psf	(-) psf	
52-1/8"	84"	84"	Equal-lite	R1	50.0	50.0	LC-PG50
52-1/8"	84"	84"	Std. ProView				
52-1/8"	91-13/16"	91-13/16"	Custom Sash				
52-1/8"	84"	84"	Equal-lite	R2	65.0	70.0	LC-PG65
52-1/8"	84"	84"	Std. ProView				
52-1/8"	91-13/16"	91-13/16"	Custom Sash				

MIN. SASH HEIGHT = WINDOW BUCK HEIGHT - 50.136 (APPLIES TO ANY HEIGHT 91.78" OR LESS).

FLORIDA PRODUCT APPROVAL #1435



ELEVATION FOR TYP. FIN OR J-CHANNEL FRAME,
EQUAL-LITE CONFIGURATION
(SIMILAR ANCHOR DIMENSIONS FOR OTHER CONFIGURATIONS)

SHAPES MAY BE USED BY
INSCRIBING THE SHAPE IN
A BLOCK AND OBTAINING
DESIGN PRESSURES FOR
THAT BLOCK SIZE FROM
THE TABLE ON THIS SHEET.

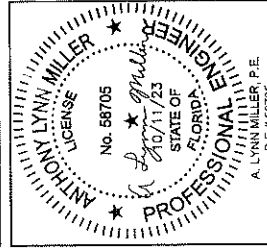
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 490-1800

PGT
Custom Windows and Doors
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 490-1800

REGISTRATION #28296

DATE 06/12/11
BY A. MORLESIN
DRAWN 1 OF 4
SHEET SH5500

GENERAL NOTES & ELEVATION.



Revision:
D) UPDATED TO FBC
2023.

DESIGN PRESSURE RATING
SEE TABLES 2-6

IMPACT RATING
RATED FOR LARGE & SMALL
MISSILE IMPACT RESISTANCE
MISSILE LEVEL D, WINDZONE 4

TABLE 2: ANCHORS INSTALLED THROUGH FRAME

Anchor	Substrate	Min. Edge Distance	Min. Embedment
#10 SMS (steel, 18-8 S.S. or 410 S.S.) Max. DP of 50.0 psf	P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
	Steel, A36	3/8"	0.050"
	Steel Stud, A653 Gr. 33	3/8"	0.0346" (20 Ga.)
	Aluminum, 6063-T5	3/8"	0.0713" (14 Ga.)
#12 SMS (steel, 18-8 S.S. or 410 S.S.)	P.T. Southern Pine (SG=0.55)	9/16"	1-3/8"
	Steel, A36	3/8"	0.050"
	Steel Stud, A653 Gr. 33	3/8"	0.0346" (20 Ga.)
	Aluminum, 6063-T5	3/8"	0.0713" (14 Ga.)
3/16" Ultracon+ Max. DP of 50.0 psf	P.T. Southern Pine (SG=0.55)	7/16"	1-3/8"
	Concrete (min. 3 ksi)	1"	1-3/8"
	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
1/4" Ultracon+	Concrete (min. 3 ksi)	1-3/16"	1-3/4"
	Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
	Concrete (min. 3.35 ksi)	1"	1-3/4"
1/4" Crete-Flex (410 S.S.)	Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"
	Concrete (min. 3.275 ksi)	1-1/2"	1-3/8"
	P.T. Southern Pine (SG=0.55)	1"	1-3/8"
	Ungrouted CMU, (ASTM C-90)	2"	1-1/4"

TABLE 3: ANCHORS INSTALLED THROUGH INTEGRAL FIN

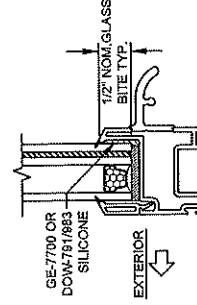
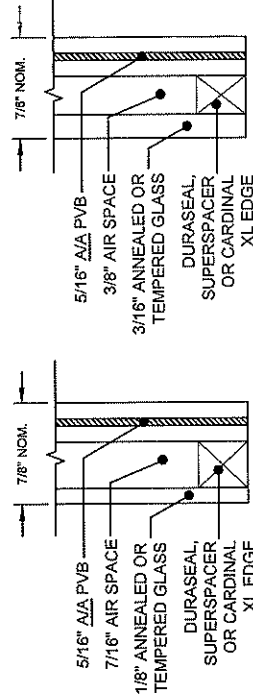
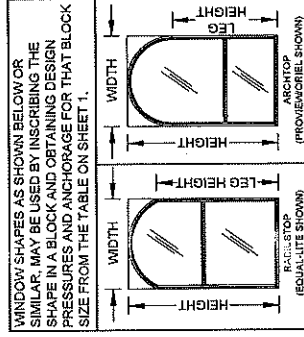
Anchor	Substrate	Min. Edge Distance	Min. Embedment
2-1/2" x .131" Common Nail Max. DP of 50.0	P.T. Southern Pine (SG=55)	9/16"	2-7/16"
	P.T. Southern Pine (SG=55)	9/16"	2-7/16"
	P.T. Southern Pine (SG=55)	9/16"	2-7/16"
	P.T. Southern Pine (SG=55)	3/4"	1-3/8"
#10 SMS (steel, 18-8 S.S. or 410 S.S.)	Aluminum, 6063-T5	3/8"	0.0713" (14 Ga.)
	Steel Stud, Gr. 33	3/8"	0.0346" (20 Ga.)
	Steel, A36	3/8"	0.050"

ANCHOR NOTES FOR TABLES 2 & 3:

- "UNGRADED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- PANHEAD, FLATHEAD OR HEXHEAD ARE ACCEPTABLE.
- ANCHOR LENGTH TO BE SO THAT A MIN. OF 3 THREADS EXTEND BEYOND THE METAL SUBSTRATE.

TABLE 4: REINFORCEMENT TYPES

Level	Reinforcement			
	Upper Lite Bottom Rail	Lower Lite Top Rail	Bottom Rail	Side Rails
R1	B	A	A	A
R2	C	A	A	A



DI REMOVED 1/4" & 3/6" ULTRA CON FROM ANCHOR TABLES.

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

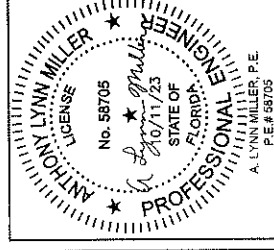
PGT
Custom Windows and Doors
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #28296

ANCHOR & GLAZING DETAILS.

ANCHOR
By: A. MORLESIN
Date: 06/12/11

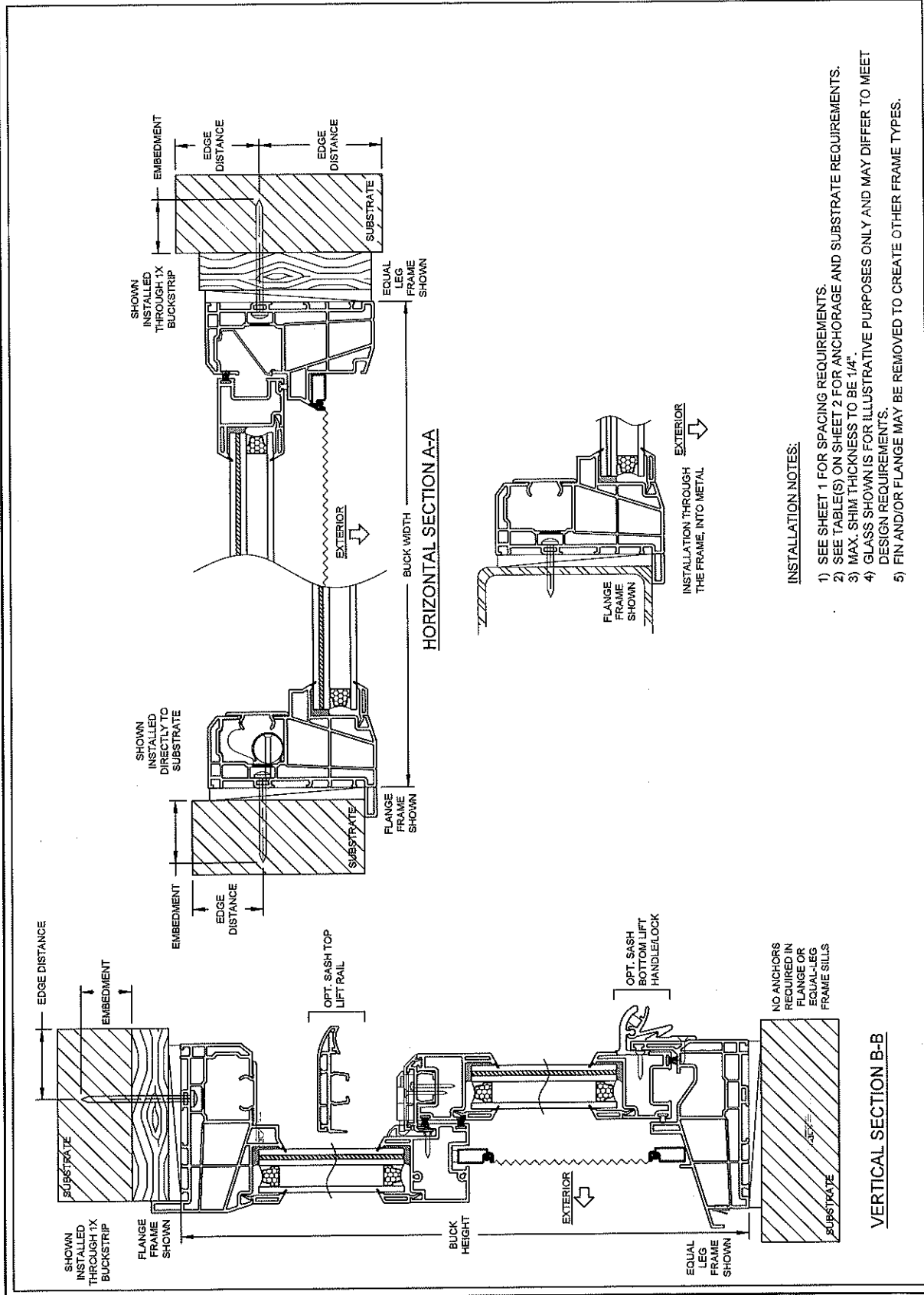
Sheet: 2 OF 4
DWG No.: SH5500FPA-LM
C



PGT Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1800 PREPARED BY A. LYNN MILLER REGISTRATION #28298		Date: 06/12/11 Title: VINYL SINGLE HUNG WINDOW (LM) Drawn By: A. MORLESIN Check By: A. MORLESIN SHS500FPA-LM Rev: C	Sheet: 3 OF 4 DWG No: SHS500FPA-LM Rev: C
---	--	--	---

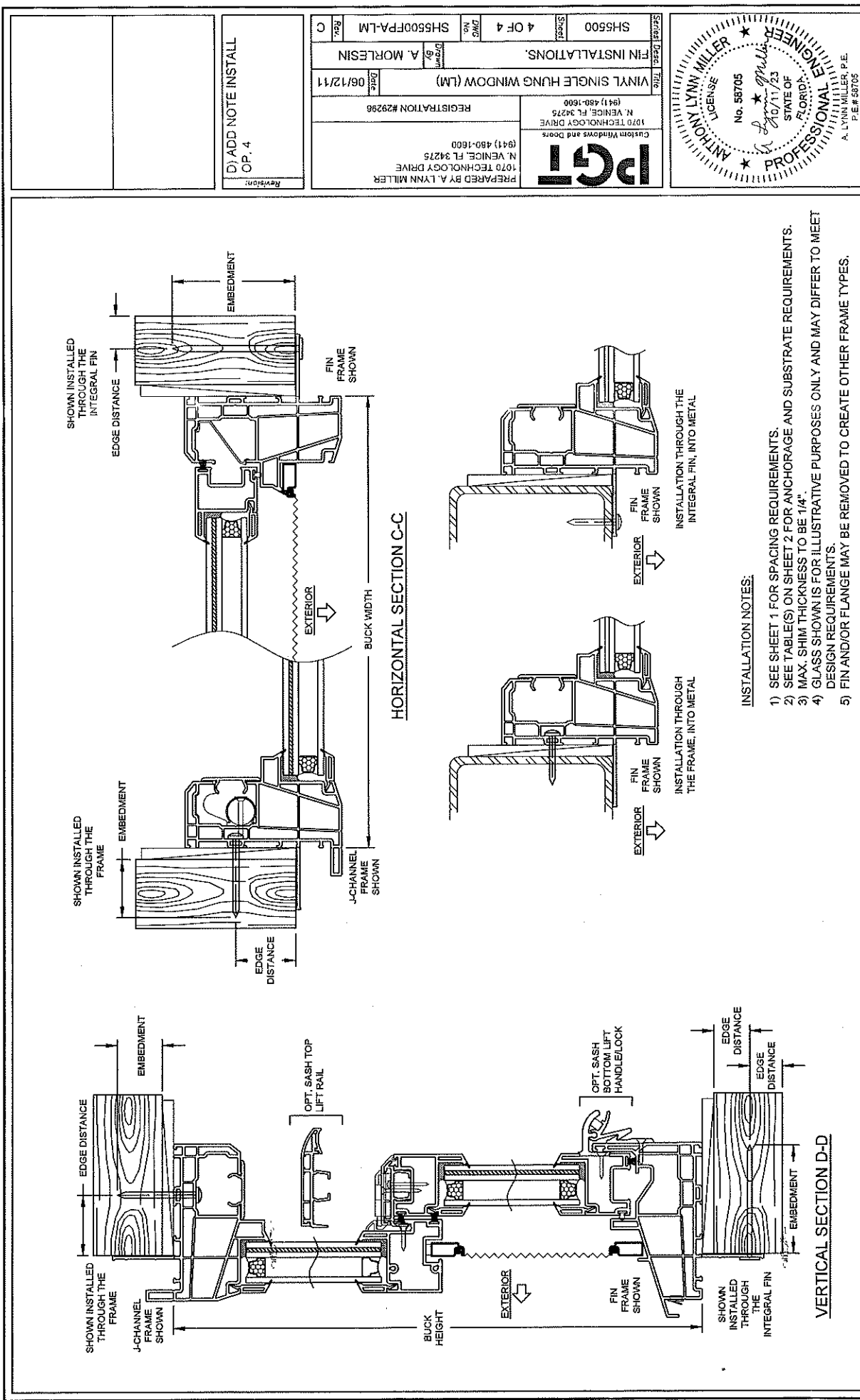
ANTHONY LYNN MILLER
 LICENSE No. 58705
 10/11/23
 STATE OF FLORIDA
PROFESSIONAL ENGINEER
 A. LYNN MILLER, P.E.
 P.E. #58705

DI NO CHANGES IN THIS SHEET.



INSTALLATION NOTES:

- 1) SEE SHEET 1 FOR SPACING REQUIREMENTS.
- 2) SEE TABLE(S) ON SHEET 2 FOR ANCHORAGE AND SUBSTRATE REQUIREMENTS.
- 3) MAX. SHIM THICKNESS TO BE 1/4".
- 4) GLASS SHOWN IS FOR ILLUSTRATIVE PURPOSES ONLY AND MAY DIFFER TO MEET DESIGN REQUIREMENTS.
- 5) FIN AND/OR FLANGE MAY BE REMOVED TO CREATE OTHER FRAME TYPES.



D) ADD NOTE INSTALL
OP. 4

Sheet	SH5500	4 OF 4	DWG No.	SH5500PPA-LM	Rev.	C
Project	FIN INSTALLATIONS.					
Title	VINYL SINGLE HUNG WINDOW (LM)					
Date	06/12/11					
REGISTRATION #29296			PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			
PGT			Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			

ANTHONY LYNN MILLER
No. 58705
10/11/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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



Product Approval
USER: Public User

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



FL #

Application Type

Code Version

Application Status

FL331-R20

Revision

2023

Approved

Comments

Archived



Product Manufacturer

Address/Phone/Email

PGT Industries

1070 Technology Drive
North Venice, FL 34275
(941) 486-0100 Ext 21140
jrosowski@pgtindustries.com

Authorized Signature

Jens Rosowski
jrosowski@pgtindustries.com

Technical Representative

Address/Phone/Email

Lynn Miller, P.E.
1070 Technology Dr
N Venice, FL 34275
(941) 486-0100 Ext 21142
lmiller@pgtindustries.com

Quality Assurance Representative

Address/Phone/Email

Category

Subcategory

Exterior Doors

Swinging Exterior Door Assemblies

Compliance Method

Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer

☐ Evaluation Report - Hardcopy Received

Florida Engineer or Architect Name who developed the Evaluation Report

A. Lynn Miller, P.E.

Florida License

PE-58705

Quality Assurance Entity

Keystone Certifications, Inc.

Quality Assurance Contract Expiration Date

12/31/2032

Validated By

Steven M. Urlich, PE

☒ Validation Checklist - Hardcopy Received

Certificate of Independence

[FL331 R20 COI Cert of Independence.pdf](#)

Referenced Standard and Year (of Standard)

Standard

Year

AAMA 450

2010

AAMA/WDMA/CSA 101/I.S.2/A440

2008

ASTM E-1886

2013

ASTM E-1996

2012

Equivalence of Product Standards Certified By

Florida Licensed Professional Engineer or Architect
[FL331 R20 Equiv ASTM E1886-04-05 to E1886-13a and E1996-05-06-09-12 to E1996-17 Equivalency Letter 2020-09-09.pdf](#)

Sections from the Code

Product Approval Method

Method 1 Option D

Date Submitted

10/19/2023

Date Validated

10/20/2023

Date Pending FBC Approval

10/27/2023

Date Approved

12/12/2023

Summary of Products

FL #	Model, Number or Name	Description
331.1	CD-290	Aluminum Hinged Cabana Door
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see the Installation Instructions for design pressure, size and anchorage information.		Installation Instructions FL331_R20_II_CD290_NI_Rev_C.pdf Verified By: A. Lynn Miller, P.E. 58705 Created by Independent Third Party: No Evaluation Reports FL331_R20_AE_Eng_Eval - CD290 - REV C.pdf Created by Independent Third Party: No
331.2	FD-5455	Vinyl French Door & Sidelite/Transom
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: No Design Pressure: N/A Other: Please see the Installation Instructions for design pressure, size and anchorage information.		Installation Instructions FL331_R20_II_FD5455FPA-NI - REV E.pdf Verified By: A. Lynn Miller, P.E. 58705 Created by Independent Third Party: No Evaluation Reports FL331_R20_AE_Eng_Eval - FD5455 - REV E.pdf Created by Independent Third Party: No
331.3	FD-5555	Vinyl French Door & Sidelite/Transom
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: Yes Design Pressure: N/A Other: Please see the Installation Instructions for design pressure, size and anchorage information.		Installation Instructions FL331_R20_II_FD5555FPA-LM - REV D.pdf Verified By: A. Lynn Miller, P.E. 58705 Created by Independent Third Party: No Evaluation Reports FL331_R20_AE_Eng_Eval - FD5555 - REV D1.pdf Created by Independent Third Party: No

[Back](#)

[Next](#)

Contact Us :: 2601 Blair Stone Road, Tallahassee FL 32399 Phone: 850-487-1824

The State of Florida is an AA/EEO employer. Copyright 2007-2013 State of Florida. :: [Privacy Statement](#) :: [Accessibility Statement](#) :: [Refund Statement](#)

Under Florida law, email addresses are public records. If you do not want your e-mail address released in response to a public-records request, do not send electronic mail to this entity. Instead, contact the office by phone or by traditional mail. If you have any questions, please contact 850.487.1395. *Pursuant to Section 455.275(1), Florida Statutes, effective October 1, 2012, licensees licensed under Chapter 455, F.S. must provide the Department with an email address if they have one. The emails provided may be used for official communication with the licensee. However email addresses are public record. If you do not wish to supply a personal address, please provide the Department with an email address which can be made available to the public. To determine if you are a licensee under Chapter 455, F.S., please click [here](#).

Product Approval Accepts:



GENERAL NOTES: SERIES FD5555 LARGE & SMALL MISSILE
IMPACT-RESISTANT, VINYL REINFORCED, OUTSWING
FRENCH DOOR & SIDELITE/TRANSOM (SL/ITR)

- 1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- 3) MATERIALS USED FOR ANCHOR EVALUATIONS WERE SOUTHERN PINE, ASTM C90 CONCRETE MASONRY UNITS AND CONCRETE WITH MIN. KSI PER ANCHOR TYPE.
- 4) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 1, THIS SHEET. 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. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.
- 5) IF SILL IS TIGHT TO SUBSTRATE, GROUT IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT, 3400 PSI MIN. (DONE BY OTHERS) MAX. 1/4" SHIM SPACE FOR GROUT) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE. AND TRANSFER SHEAR LOAD TO SUBSTRATE. IF SUBSTRATE IS WOOD, 3/8" FELT PAPER OR MASTIC IS REQUIRED BETWEEN THE GROUT AND WOOD SUBSTRATE, OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION, COMPLYING WITH THE FBC.
- 6) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE THE EMBEDMENT SHOWN ON TABLE 1. THIS SHEET. NARROW JOINT SEALANT IS USED ON ALL FOUR CORNERS OF THE FRAME. EXTERIOR INSTALLATION ANCHORS SHOULD BE SEALED. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 7) SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE DOOR, SIDELITE OR TRANSOM.
- 8) DESIGN PRESSURES:
A. NEGATIVE DESIGN LOADS BASED ON STRUCTURAL TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.
- 9) THE ANCHORAGE METHODS SHOWN HAVE BEEN DESIGNED TO RESIST THE WINDLOADS 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.
- 10) ALL RIGID AND CELLULAR PVC MANUFACTURED BY ENERGI FENESTRATION SOLUTIONS USA, INC. OR VISION EXTRUSION, LTD. HAS BEEN TESTED TO COMPLY WITH THE FLORIDA BUILDING CODE FOR PLASTICS.
- 11) SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER THE FLORIDA BUILDING CODE.
- 11) REFERENCES: TEST REPORTS FTL-7383, 7386, 7402, 7403, 7404 & 7418.

TABLE A:

Product	Size	DP	Product Rating
Mullion	96"	+/-70 psf	DP +/-70
Door	38-3/4" x 96" (X)	+/-50 psf *	R-PG70
Door	76" x 96" (XX)	+/-70 psf	R-PG70
Sidelite or Transom	40" x 111"	+/-70 psf	R-PG70

* IMPACT CYCLE DESIGN PRESSURE IS LIMITED FOR UNITS USING GLASS TYPE 1.

TABLE 2:

Type #	Description	Where Used:
1	1-3/16" Lami. IG (1/8" T - 1/16" Air - 1/8" An - 090° PVB - 1/8" An)	Door
2	1-3/16" Lami. IG (3/16" T - 5/8" Air - 1/8" An - 090° PVB - 1/8" An)	Door
3	1-3/16" Lami. IG (1/8" T - 9/16" Air - 3/16" An - 090° SG - 3/16" An)	Sidelite & Transom
4	1-3/16" Lami. IG (3/16" T - 1/2" Air - 3/16" An - 090° SG - 3/16" An)	Transom
5	1-3/16" Lami. IG (1/8" T - 9/16" Air - 3/16" An - 090° PVB - 3/16" An)	(SL/ITR)
6	1-3/16" Lami. IG (3/16" T - 1/2" Air - 3/16" An - 090° PVB - 3/16" An)	(SL/ITR)

*PVB = 090° TROISFOL® PVB INTERLAYER BY KURARAY AMERICA, INC.
*SG = .090° SENTRYGLASS® INTERLAYER BY KURARAY AMERICA, INC.

GUIDE TO SHEETS:

GENERAL NOTES.....	1
ELEVATIONS.....	2
GLAZING DETAILS.....	3
DESIGN PRESSURES.....	4-5
SIDELITE/TRANSOM ANCHORS.....	4-5
INSTALLATION.....	6-8
EXTRUSION PROFILES.....	9
PARTS LIST.....	10
CORNER DETAILS.....	10
HARDWARE DETAILS.....	11

DESIGN PRESSURE RATING
VARIES, SEE SHEETS 4 & 5

IMPACT RATING
RATED FOR LARGE & SMALL
MISSILE IMPACT RESISTANCE
MISSILE LEVEL D, WINDZONE 4

TABLE 1:

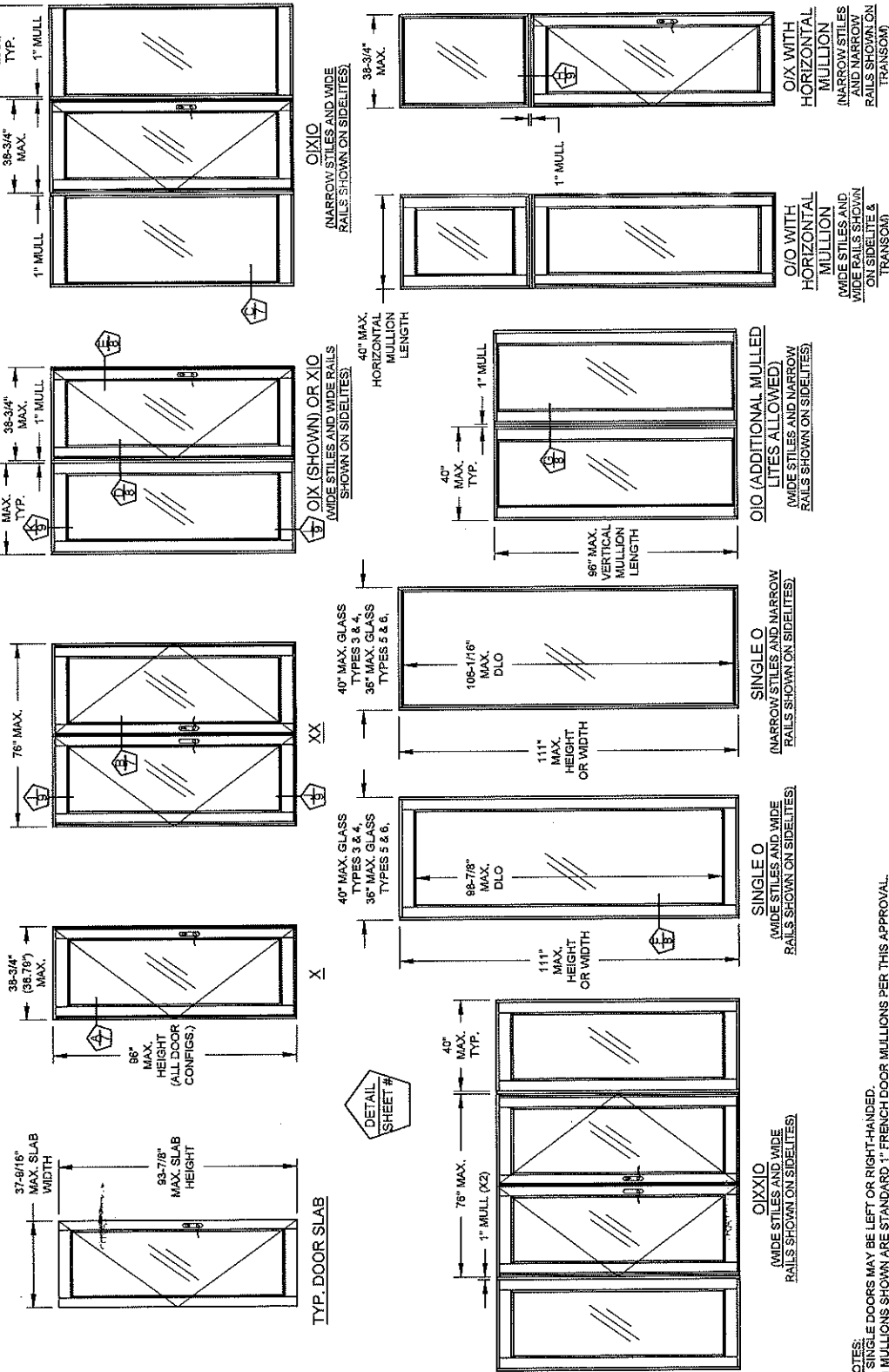
Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment
A	3/16" Ultracon+	Concrete (min. 3 ksi)	1-1/8"	1-3/4"
		Ungrouted CMU, (ASTM C-90)	1"	1-1/4"
		P.T. Southern Pine (SG=0.55)	1/2"	1-3/8"
B	#10 Steel SMS (G5) #10 410 S.S. SMS #10 18-8 S.S. SMS	Aluminum, 6063-T5*	5/16"	0.063"
		Steel, A36*	5/16"	0.063"
		Steel Stud, A653 Gr. 33*	5/16"	0.063"
		P.T. Southern Pine (SG=0.55)	1/2"	1-3/8"
		Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"
C	1/4" Ultracon+	Concrete (min. 3 ksi)	1-1/8"	1-3/4"
		Ungrouted CMU, (ASTM C-90)	1-1/8"	1-3/4"
		P.T. Southern Pine (SG=0.55)	9/16"	1-3/8"
		Aluminum, 6063-T5*	3/8"	0.071"
		Steel, A36*	3/8"	0.071"
D	1/4" 410 S.S. CreteFlex	Steel Stud, A653 Gr. 33*	3/8"	0.071" (14 G8)
		Ungrouted CMU, (ASTM C-90)	1-1/8"	1-3/4"
		Concrete (min. 3 ksi)	1-1/4"	1-3/8"
		Concrete (min. 3.35 ksi)	2-1/2"	1-1/4"
		Ungrouted CMU, (ASTM C-90)	2-1/2"	1-3/8"
E	1/4" 18-8 S.S. Aggie-Gator	Concrete (min. 3.27 ksi)	1-1/2"	1-3/8"
		Ungrouted CMU, (ASTM C-90)	4"	1-1/4"
		Concrete (min. 3 ksi)	2-1/2"	1-3/8"
		Concrete (min. 3.35 ksi)	2-1/2"	1-3/4"
		Ungrouted CMU, (ASTM C-90)	2-1/2"	1-3/8"

- 1) * MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
2) UNGROUTED CMU VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
3) ALL ANCHOR HEAD TYPES ARE ACCEPTABLE.

FD5555
1 OF 11
GENERAL NOTES.
VINYL FRENCH DOOR (LM)
REGISTRATION #29296
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
PGT
CUSTOM WINDOWS AND DOORS
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600
A. LYNN MILLER, P.E.
No. 53705
FLORIDA
PROFESSIONAL ENGINEER
ANTHONY LYNN MILLER
LICENSE

E) REMOVE 1/4" & 3/16" ULTRA CON

EXAMPLE CONFIGURATIONS



- NOTES:
- 1) SINGLE DOORS MAY BE LEFT OR RIGHT-HANDED.
 - 2) MULLIONS SHOWN ARE STANDARD 1" FRENCH DOOR MULLIONS PER THIS APPROVAL.
 - 3) MULLED CONFIGURATIONS NOT SHOWN MAY BE POSSIBLE USING OTHER MULLION TYPES. SEE SEPARATE APPROVAL.
 - 4) FRENCH DOOR MULLION IS LIMITED TO 86" IN VERTICAL APPLICATIONS AND 40" IN HORIZONTAL APPLICATIONS.
 - 5) NARROW OR WIDE STILES AND RAILS MAY BE MIXED WITHIN THE SAME SLT/R OR MULLED ASSEMBLY.
 - 6) ADDITIONAL CONFIGURATIONS USING THE 1" FRENCH DOOR MULLION ARE POSSIBLE. USE THE ABOVE DRAWINGS AS A REFERENCE FOR SIZE LIMITATIONS.

Prepared by A. LYNN MILLER
 1070 TECHNOLOGY DRIVE
 N. VENICE, FL 33425
 (941) 480-1600

Custom Windows and Doors
 1070 TECHNOLOGY DRIVE
 N. VENICE, FL 33425
 (941) 480-1600

REGISTRATION #29296

Date 06/12/11

By A. MORLESIN

Drawn 2 OF 11

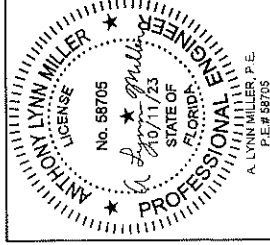
Sheet FD5555

Serial Date 7/1/11

FD5555

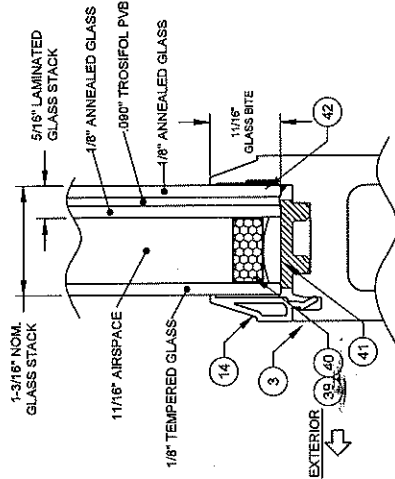
EXAMPLES CONFIGURATIONS.

VINYL FRENCH DOOR (LM)

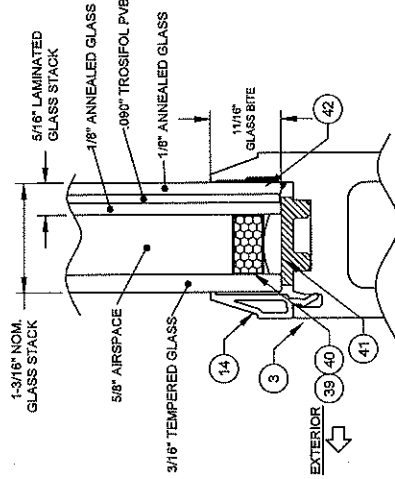


E) NO CHANGES IN THIS SHEET.

DOOR GLAZING DETAILS

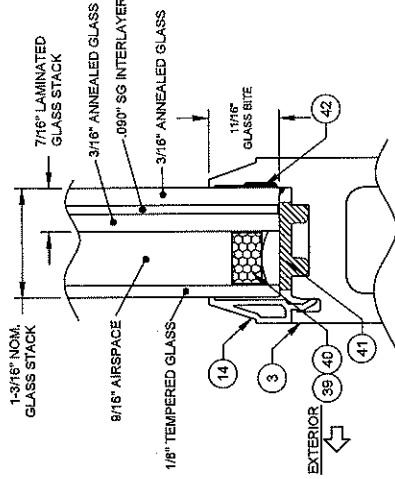


GLASS TYPE 1

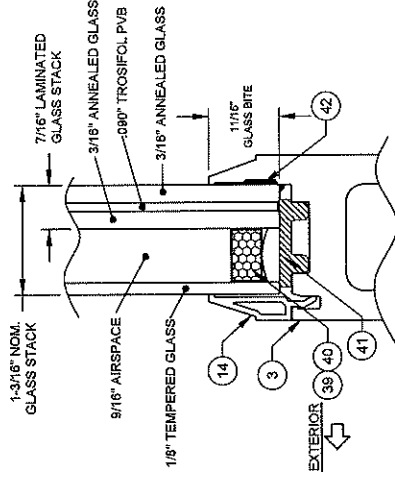


GLASS TYPE 2

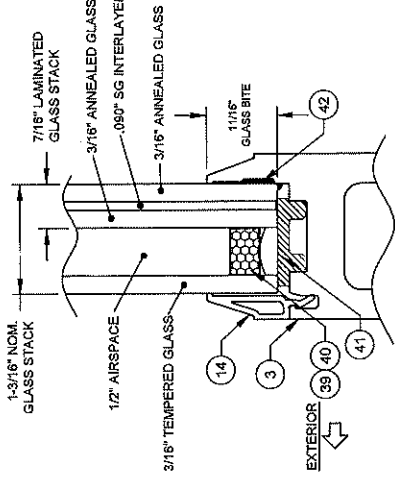
SIDELITE & TRANSOM GLAZING DETAILS



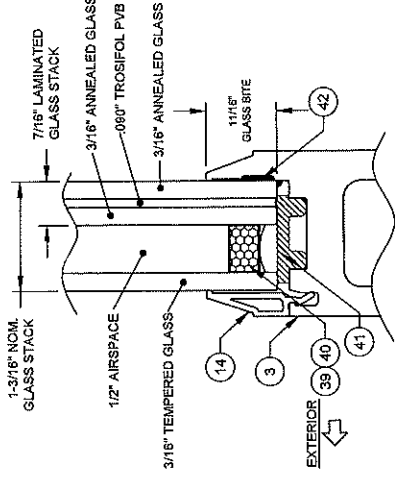
GLASS TYPE 3



GLASS TYPE 5



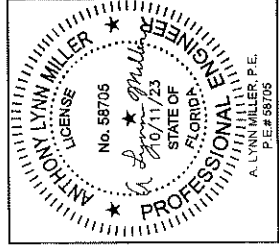
GLASS TYPE 4



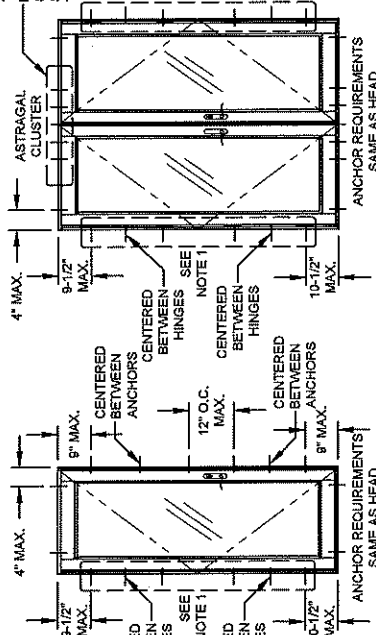
GLASS TYPE 6

E) NO CHANGES IN
THIS SHEET.

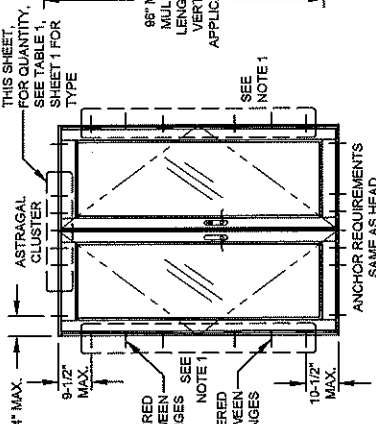
PGT Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600
REGISTRATION #29296 06/12/11		VINYL FRENCH DOOR (LM) GLASS TYPES.
Sheet 3 OF 11	Date 06/12/11	Project FD5555FPA-LM



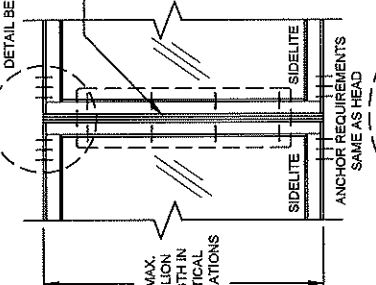
(X)



(xx)



(OIO, OIOIO, ETC.)



(X|O, O|X, X|X, O|X|O, X|O|X, O|X|O, ETC)

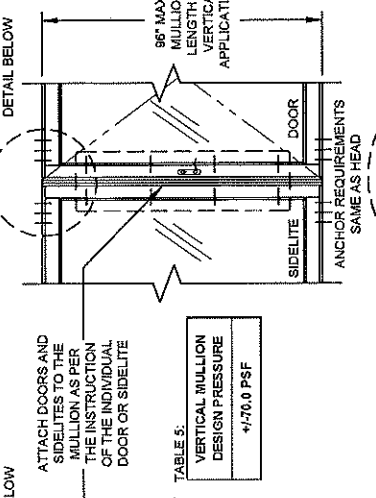


TABLE 3:

DOOR DESIGN PRESSURE	
+/-50.0 PSF	Glass Type 1
+/-70.0 PSF	Glass Type 2

TABLE 4:

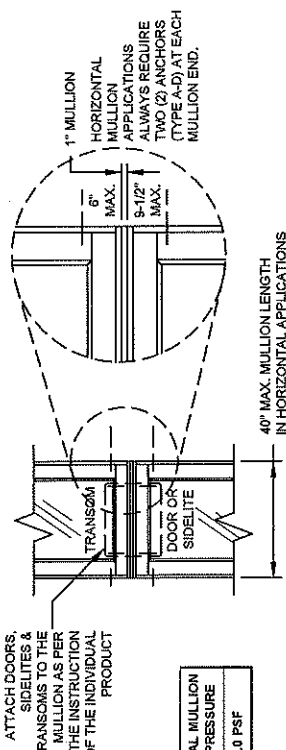
Door Height (m)	Door Width (m)				Door Width (m)	Door Height (m)
	48	60	72	76		
80	Anchor Group A-D	Anchor Group A&B	Anchor Group C&D	Anchor Group A&B	Anchor Group C	Anchor Group D
96	4	4	4	5	4	4
	4	5	4	6	4	4
	4	5	4	6	5	4

TABLE 8:

		Door or Slotted Tapered Width (ft)				Door or Slotted Tapered Width (ft)			
		12		24		32		35-34	
Mullion Height (in)	Group A-D	Anchor Group A-C	Anchor Group D	Anchor Group A-B	Anchor Group C	Anchor Group D	Anchor Group A-B	Anchor Group C	Anchor Group D
	80	N/A	2	1	2	2	1	N/A	N/A
SLUTR		1	2	1	2	1	3	2	1
Door	Group A-B	N/A	2	1	3	2	1	N/A	N/A
	96	1	2	1	3	2	1	3	2
SLUTR		1	2	1	3	2	1	3	2

TABLE 7:

HORIZONTAL MULLION DESIGN PRESSURE	+/-70.0 PSF
---------------------------------------	-------------



INSTRUCTIONS: 1) DOOR HINGE JAWBS OF ALL HEIGHTS TO ALWAYS BE ANCHORED WITH SIX ANCHORS. SEE TABLE 1, SHEET 1. FOR EACH APPROVED ANCHORS. FOUR OF THE SIX ANCHORS MUST BE INSTALLED THROUGH THE HINGES, ONE AT EACH HINGE LOCATION (RECOMMENDED #10 FLATHEAD NUTS OR 3/16" FLATHEAD ULTRA-CON FOR EACH HINGE ANCHOR). 2) FOR A WELDED UNIT, DETERMINE THE DESIGN PRESSURE OF EACH COMPONENT IN THAT CONFIGURATION. FOR EXAMPLE, ON AN "XIO" CONFIGURATION, THE DP FOR THE DOOR, THE MULLION AND THE SIDLITE MUST EACH BE DETERMINED. THE LOWEST DP APPLIES TO THE ENTIRE ASSEMBLY.

NOTES:

- 1) SINGLE DOOR MAY BE LEFT OR RIGHT-HANDED.
- 2) MULLIONS SHOWN ARE STANDARD 1" FRENCH DOOR MULLIONS.
- 3) MULLED CONFIGURATIONS NOT SHOWN MAY BE POSSIBLE USING OTHER MULLION TYPES, SEE SEPARATE APPROVAL. THE LOWEST COMPONENT DP IS TO BE THE OVERALL ASSEMBLY DP.
- 4) FRENCH DOOR MULLION IS LIMITED TO 96" IN VERTICAL APPLICATIONS AND 40" IN HORIZONTAL APPLICATIONS.
- 5) NARROW OR WIDE STILES AND RAILS MAY BE MIXED WITHIN THE SAME Sidelite/TRANSOM OR MULLED ASSEMBLY.
- 6) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34245 (941) 480-1600		CUSTOM WINDOWS AND DOORS 1070 TECHNOLOGY DRIVE N. VENICE, FL 34245 (941) 480-1600		VINYL FRENCH DOOR (LM) DATE: 06/12/11		DP & ANCHORAGE BY: A. MORLESIN		FD5555 4 OF 11 DWG No.		FDS555FP-A-LM Rev.	
--	--	--	--	--	--	-----------------------------------	--	------------------------------	--	-----------------------	--

SIDELITE/TRANSOM INSTALLATION (O)

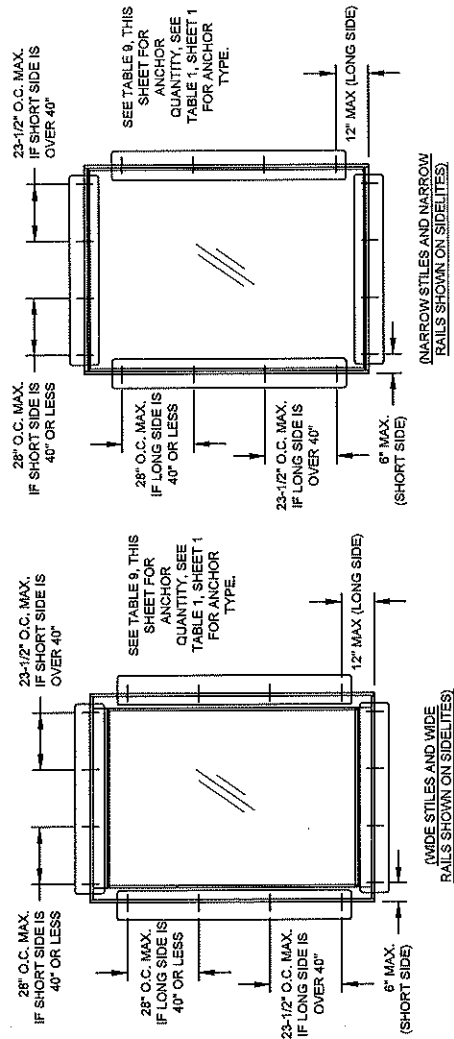


TABLE 8:

WINDOW DESIGN PRESSURE	All Glass Types
+/-70.0 PSF	

NOTES:
 1) NARROW OR WIDE STILES AND RAILS MAY BE MIXED WITHIN THE SAME SIDELITE/TRANSOM OR MULLED ASSEMBLY.
 2) SIDELITE/TRANSOM MAY BE A SINGLE, STAND-ALONE UNIT.
 3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.

TABLE 9:

Sidelite/Transom Anchor Quantity		Long Side (in)															
		63-3/16	66-5/8	68	70	72	76	78	82	84	88	92	95	98	104	108	111
Short Side (in)	Anchor Group A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Anchor Group B-D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
24	Anchor Group A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Anchor Group B-D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
28	Anchor Group A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Anchor Group B-D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
32	Anchor Group A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Anchor Group B-D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
36	Anchor Group A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Anchor Group B-D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
38-3/4	Anchor Group A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Anchor Group B-D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
40	Anchor Group A	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
	Anchor Group B-D	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
	Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4

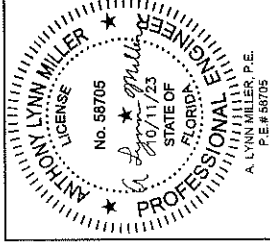
E) NO CHANGES IN THIS SHEET.

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

Custom Windows and Doors
 1070 TECHNOLOGY DRIVE
 N. VENICE, FL 34275
 (941) 480-1600

DP & ANCHORAGES
 VINYL FRENCH DOOR (LM)
 06/12/11
 A. MORLESIN
 5 OF 11
 FD5555
 Sheet

REGISTRATION #29296
 Date
 06/12/11



INSTALLATION OPTION 1
INSTALLATION ANCHORS
INTO 2X WOOD.

1/4\" MAX. SHIM

EMBEDMENT

EDGE DISTANCE

TYP. ANCHOR TYPE, EMBEDMENT AND EDGE DISTANCE PER SUBSTRATE, SEE TABLE 1, SHEET 1.

1 ANCHOR PER HINGE TO BE THROUGH SUBSTRATE, MIN. #10 FLAT-HEAD SMS, SEE TABLE 1, SHEET 1.

2X WOOD BUCKSTRIP OR FRAMING, SEE NOTE 2, THIS SHEET

DETAIL A
ALSO SEE BELOW

INSTALLATION OPTION 2
INSTALLATION ANCHORS
DIRECTLY INTO MASONRY.

1/4\" MAX. SHIM

EMBEDMENT

EDGE DISTANCE

TYP. ANCHOR TYPE, EMBEDMENT AND EDGE DISTANCE PER SUBSTRATE, SEE TABLE 1, SHEET 1.

1 ANCHOR PER HINGE TO BE THROUGH SUBSTRATE, MIN. 3/16\" FLAT-HEAD ULTRA-CON, SEE TABLE 1, SHEET 1.

CONCRETE/CMU PER ANCHOR REQUIREMENT

DETAIL A
ALSO SEE ABOVE

INSTALLATION OPTION 2
INSTALLATION ANCHORS
DIRECTLY INTO MASONRY.

1/4\" MAX. SHIM

EMBEDMENT

EDGE DISTANCE

TYP. ANCHOR TYPE, EMBEDMENT AND EDGE DISTANCE PER SUBSTRATE, SEE TABLE 1, SHEET 1.

CONCRETE/CMU PER ANCHOR REQUIREMENT

DETAIL C

INSTALLATION NOTES:

- 1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLE 1, SHEET 1. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE DOOR, SIDELITE OR TRANSOM.
- 2) WOOD BUCKS DEPICTED ON THIS SHEET AS "1X", ARE THICKS WHOSE TOTAL THICKNESS IS LESS THAN 1-1/2". 1X WOOD BUCKS ARE OPTIONAL. IF UNIT CAN BE INSTALLED DIRECTLY TO MASONRY, WOOD BUCKS DEPICTED AS "2X" ARE 1-1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- 3) FOR ATTACHMENT TO METAL: THE STRUCTURAL MEMBER SHALL BE OF A SIZE TO PROVIDE FULL SUPPORT TO THE FRAME OF THE DOOR, SIDELITE OR TRANSOM.
- 4) IF APPLICABLE, LOWEST DESIGN PRESSURE FROM DOOR, SIDELITE, TRANSOM OR MULLION APPLIES TO THE WHOLE SYSTEM.

PGT
Custom Windows and Doors
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

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

REGISTRATION #29296

DATE: 06/12/11

PROJECT: VINYL FRENCH DOOR (LM)

INSTALLATION DETAILS.

DESIGNED BY: A. MORLESIN

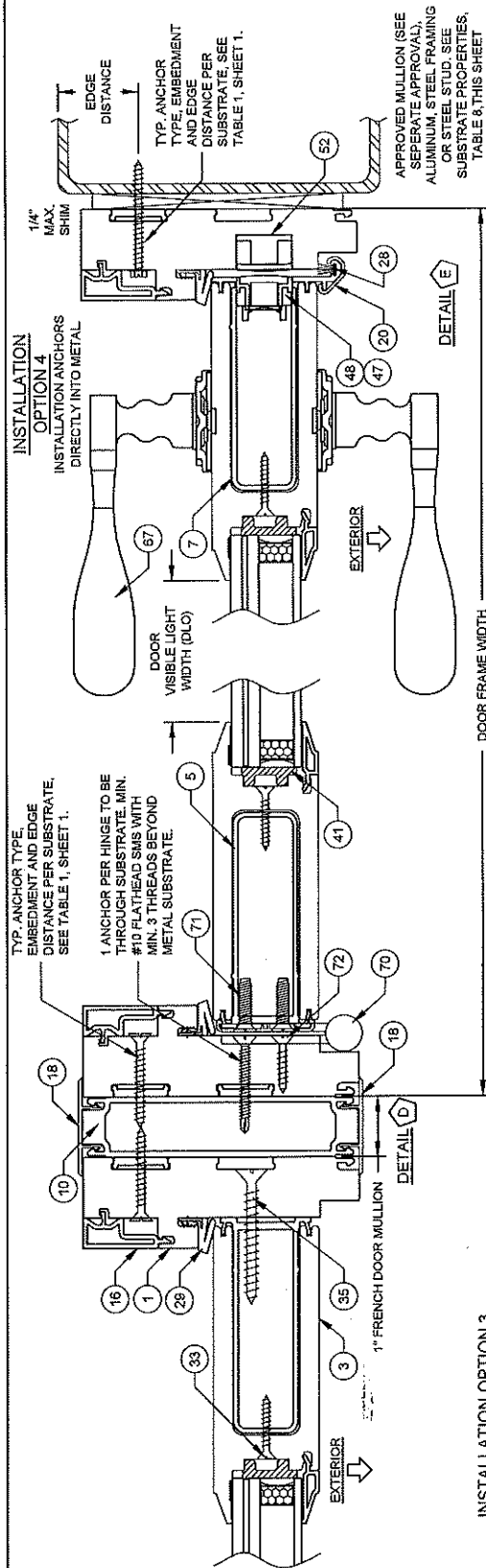
SHEET: 6 OF 11

NO. 58705

FD5555

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/11/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E. #58705

E) NO CHANGES IN THIS SHEET.



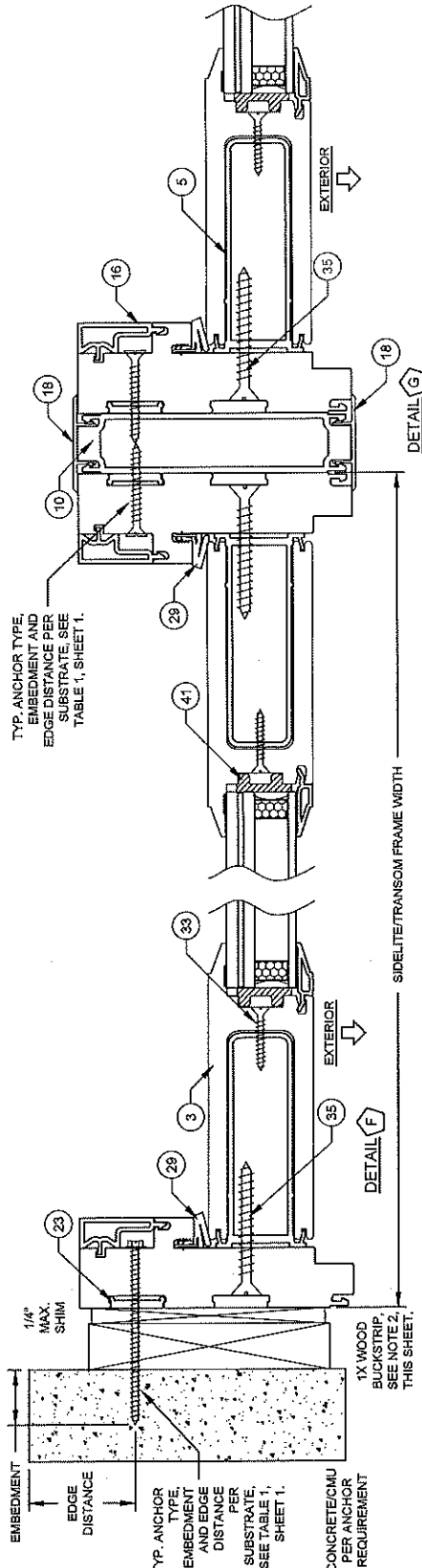
INSTALLATION OPTION 3 INSTALLATION ANCHORS THROUGH 1X BUCKSTRIP INTO MASONRY.

EMBEDMENT

TYP. ANCHOR
 TYPE,
 EMBEDMENT
 AND EDGE
 DISTANCE
 PER
 SUBSTRATE,
 SEE TABLE 1,
 SHEET 1

CONCRETE/CMU
PER ANCHOR
REQUIREMENT

1X WOOD
BUCKSTRIP,
SEE NOTE 2,
THIS SHEET.

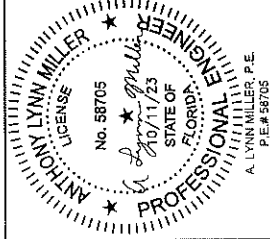


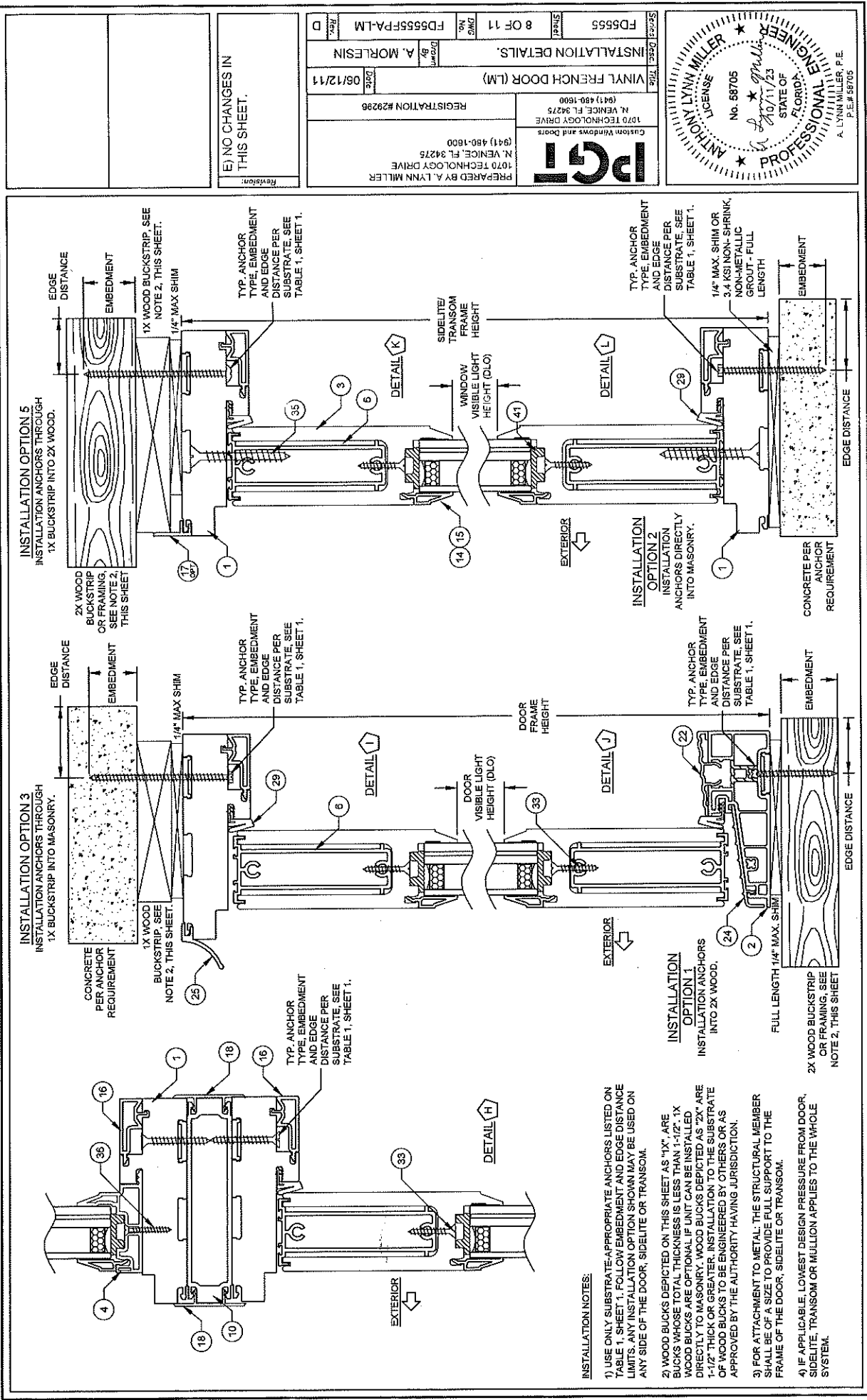
INSTALLATION NOTES:

- ANY USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLE 1, SHEET 1, FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE DOOR, SILLITE OR TRANSOM.
- 1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLE 1, SHEET 1, FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE DOOR, SILLITE OR TRANSOM.
- 2) WOOD BUCKS DEPICTED ON THIS SHEET AS "1X" ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1-1/2". 1X WOOD BUCKS ARE OPTIONAL IF UNIT CAN BE INSTALLED DIRECTLY TO MASONRY.
- 3) WOOD BUCKS DEPICTED AS "2X" ARE 1-1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- 4) IF APPLICABLE, LOWEST DESIGN PRESSURE FROM DOOR, SILLITE, TRANSOM OR MULLION SUPPORTS TO THE FRAME OF THE DOOR, SILLITE OR TRANSOM.
- 5) IF APPLICABLE, LOWEST DESIGN PRESSURE FROM DOOR, SILLITE, TRANSOM OR MULLION SUPPORTS TO THE FRAME OF THE DOOR, SILLITE OR TRANSOM.

		Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 33475 (941) 480-1600		REGISTRATION #29296 (941) 480-1600	
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 33475 (941) 480-1600		VINYL FRENCH DOOR (LM) 06/12/14		INSTALLATION DETAILS A. MORLESIN	
Section	FD5555	Serial	7 OF 11	DWG No.	FD5555FPA-LM
Date					

NO CHANGES IN THIS SHEET.





PGT
Custom Windows and Doors
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

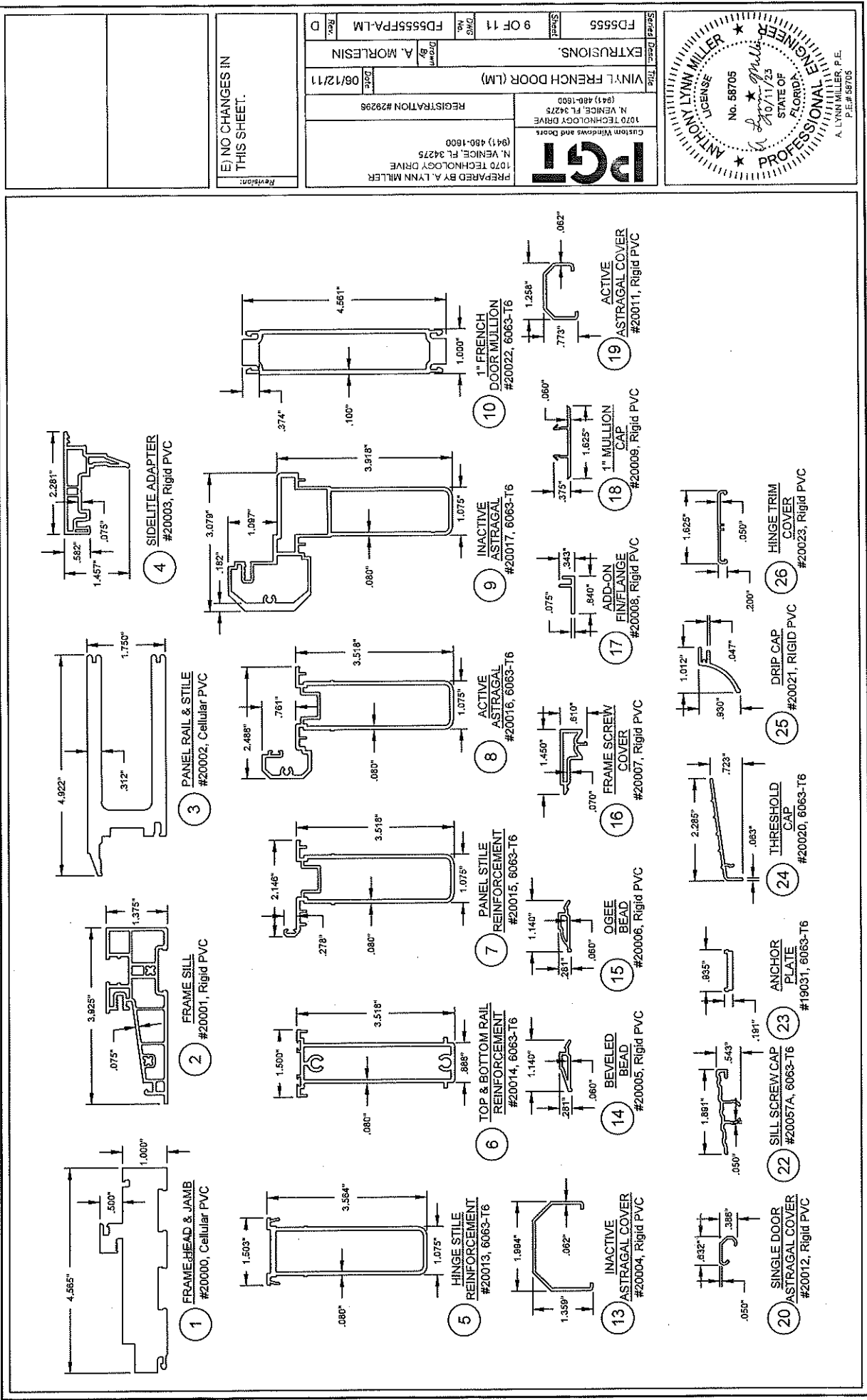
PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296
06/12/11
A. MORLESIN

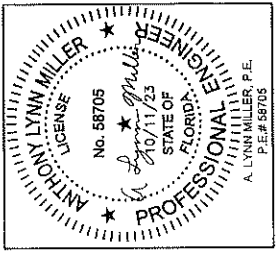
FD5555
8 OF 11
VINYL FRENCH DOOR (LM)
INSTALLATION DETAILS.

ANTHONY LYNN MILLER
No. 58705
10/11/23
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

E) NO CHANGES IN THIS SHEET.



PREPARED BY A. LYNN MILLER
 1070 TECHNOLOGY DRIVE
 N. VENICE, FL 34275
 (941) 480-1800
 REGISTRATION #29296
 VINYL FRENCH DOOR (LM)
 06/12/11
 A. MORLESIN
 FD5555
 9 OF 11
 9 OF 11
 FD5555FPA-LM
 D



E) NO CHANGES IN THIS SHEET.
 REVISIONS:

HARDWARE DETAILS & LOCATIONS

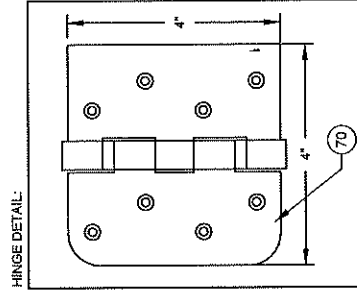
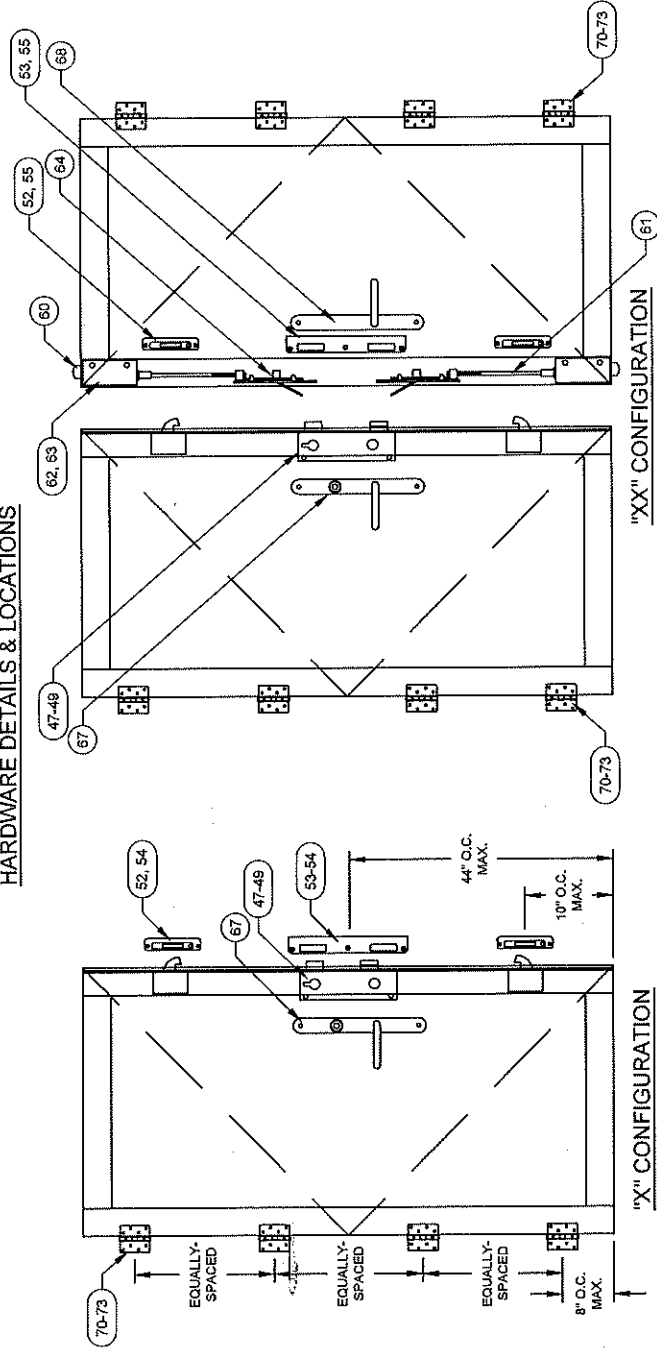


TABLE 11:

#	P&T Part #	Description	Material
47	66032701	P3000 3-PT Rhino Lock (68")	
48	66032702	P3000 3-PT Rhino Lock (over 68")	
49	71032X1FFFX	Rhino Lock Screw: 10-32 X 1" Phil. FH	
52	20027	Adjustable Strike Plate Assembly	Stainless Steel
53	20028	Center Strike Plate Assembly	Stainless Steel
54	75101X	Strike Plate Screw, (X): #10 X 1" Phil. FH	410 S.S.
55	78X12PFLUX	Strike Plate Screw, (XX): #8 X 1 1/2" Phil. FH	410 S.S.
60	75B1202	Flush Bolt (XX)	
61	7803725	Flush Bolt Rod (XX)	
62	420034	Flush Bolt Guides (XX)	
63	7832X12FPXP	Flush Bolt Screw: 8-32 X 1 1/2" Phil. FH	
64	48033N	Guide Pin (XX)	
65	78036	Flush Bolt Strike Plate (XX)	Stainless Steel
66	7832X12FPXP	Flush Bolt Strike Plate Screw, (XX): #8 X 3/4" Phil. FH	410 S.S.
67	varies	Handle/Lever	
68	varies	Dummy Handle/Lever	
70	20025	Butt Hinge	Stainless Steel
71	71032X1FFFX	Hinge Slab Screw: #10-32 X 1" Phil. FH	Stainless Steel
72	75101X	Hinge Frame Screw: #10 X 1" Phil. FH	Stainless Steel

E) NO CHANGES IN THIS SHEET.

PGT Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600
Title: VINYL FRENCH DOOR (LM) Drawn By: A. MORLESIN Date: 06/12/11	Project: FD5555 Drawing No: 11 OF 11 Revision: D	REGISTRATION #29296

