

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

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

DESIGN PRESSURE RATING
VARIABLE, SEE SHEETS 4 & 5

- 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, 30# 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.
- 8) 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.
- 9) 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.
- 10) SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER THE FLORIDA BUILDING CODE.
- 11) REFERENCES: TEST REPORTS FTL-7393, 7396, 7402, 7403, 7404 & 7418.

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"	
B	#10 Steel SMS (G5) #10 410 S.S. SMS #10 18-8 S.S. SMS	P.T. Southern Pine (SG=0.55)	1/2"	1-3/8"	
		Aluminum, 6063-T5*	5/16"	0.063"	
		Steel, A36*	5/16"	0.063"	
		Steel Stud, A653 Gr. 33*	5/16"	0.063"	
		3/16" Ultracon+	P.T. Southern Pine (SG=0.55)	1/2"	1-3/8"
	Ungrouted CMU, (ASTM C-90)		2-1/2"	1-1/4"	
	Concrete (min. 3 ksi)		1-1/8"	1-3/4"	
	1/4" Ultracon+		Ungrouted CMU, (ASTM C-90)	1-1/16"	1-1/4"
	C	#12 Steel SMS (G5) #12 410 S.S. SMS #12 18-8 S.S. SMS	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"	
Steel Stud, A653 Gr. 33*			3/8"	0.071" (14 Ga)	
1/4" Ultracon+		P.T. Southern Pine (SG=0.55)	1"	1-3/8"	
		Grouted CMU, (ASTM C-90)	1-1/8"	1-3/4"	
		Concrete (min. 3 ksi)	1-1/4"	1-3/8"	
1/4" 410 S.S. CreteFlex		Concrete (min. 3.35 ksi)	1"	1-3/4"	
		Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"	
1/4" 18-8 S.S. Aggre-Gator		P.T. Southern Pine (SG=0.55)	1"	1-3/8"	
		Concrete (min. 3.27 ksi)	1-1/2"	1-3/8"	
		Ungrouted CMU, (ASTM C-90)	4"	1-1/4"	
D		1/4" Ultracon+	Concrete (min. 3 ksi)	2-1/2"	1-3/8"
		1/4" 410 S.S. CreteFlex	Concrete (min. 3.35 ksi)	2-1/2"	1-3/4"

- 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.

TABLE A:

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

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

TABLE 2:

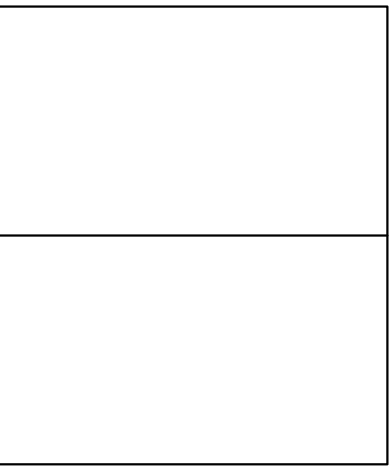
Type #	Description	Where Used:
1	1-3/16" Lami. IG (1/8" T - 11/16" Air - 1/8" An - .090" PVB - 1/8" An)	Door
2	1-3/16" Lami. IG (3/16" T - 5/8" Air - 1/8" An - .090" PVB - 1/8" An)	
3	1-3/16" Lami. IG (1/8" T - 9/16" Air - 3/16" An - .090" SG - 3/16" An)	Sidelite & Transom (SLT/TR)
4	1-3/16" Lami. IG (3/16" T - 1/2" Air - 3/16" An - .090" SG - 3/16" An)	
5	1-3/16" Lami. IG (1/8" T - 9/16" Air - 3/16" An - .090" PVB - 3/16" An)	
6	1-3/16" Lami. IG (3/16" T - 1/2" Air - 3/16" An - .090" PVB - 3/16" An)	

"PVB" = .090" TROSIFOL® PVB INTERLAYER BY KURARAY AMERICA, INC.

"SG" = .090" SENTRYGLAS® INTERLAYER BY KURARAY AMERICA, INC.

GUIDE TO SHEETS:

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Revision: E) REMOVE 1/4" & 3/16" ULTRACON

PREPARED BY A. LYNN MILLER
1070 TECHNOLOGY DRIVE
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PGI

Custom Windows and Doors

1070 TECHNOLOGY DRIVE
N. VENICE, FL 34275
(941) 480-1600

REGISTRATION #29296

VINYL FRENCH DOOR (LM)

06/12/11

A. MORLESIN

FD5555FPA-LM

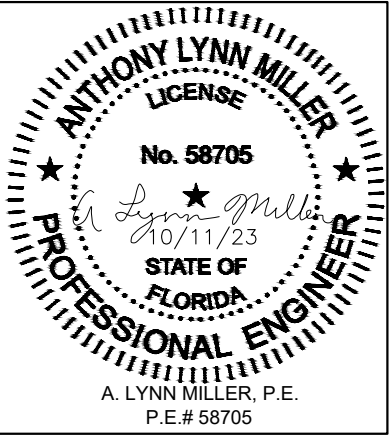
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FD5555

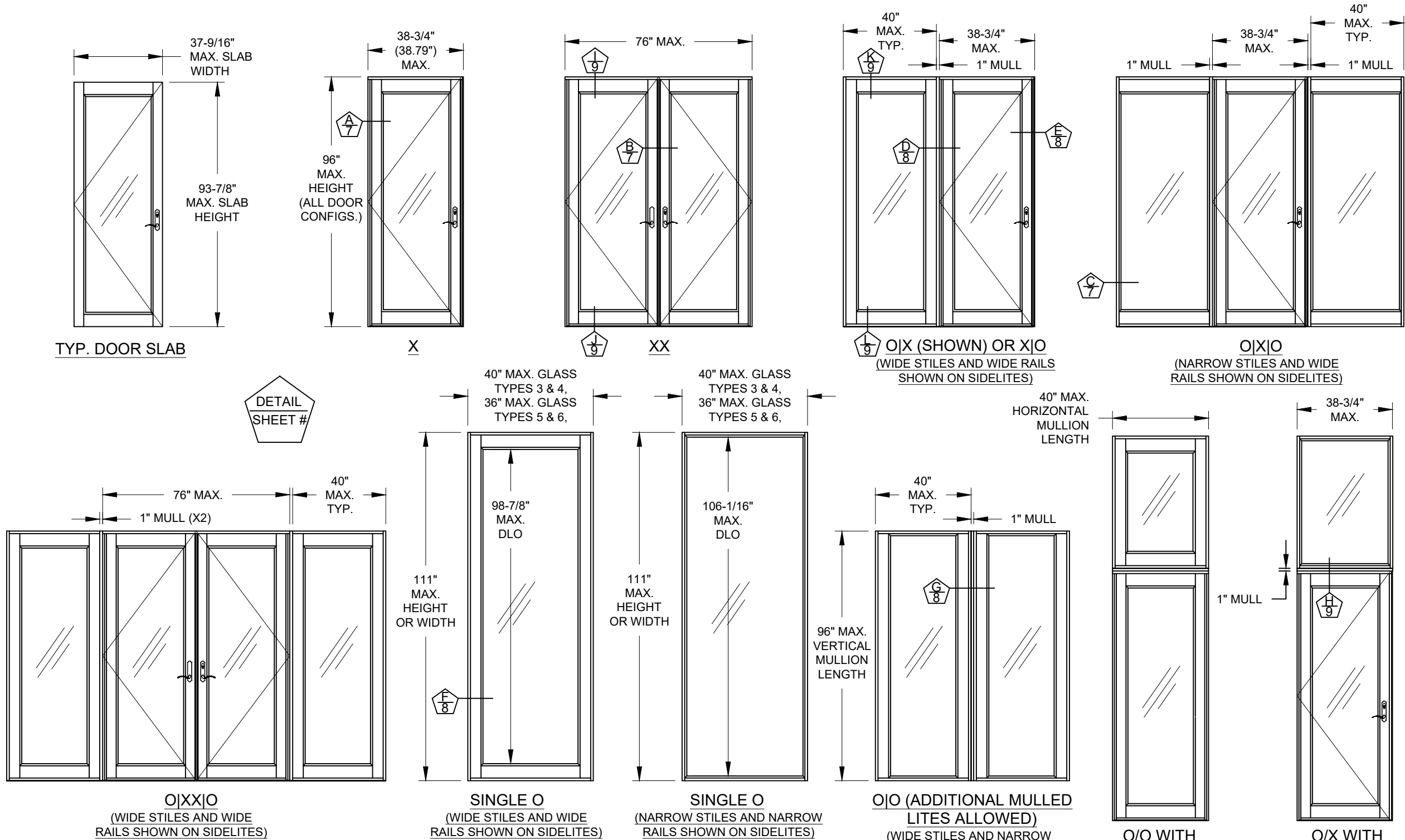
1 OF 11

FD5555FPA-LM

D



EXAMPLE CONFIGURATIONS

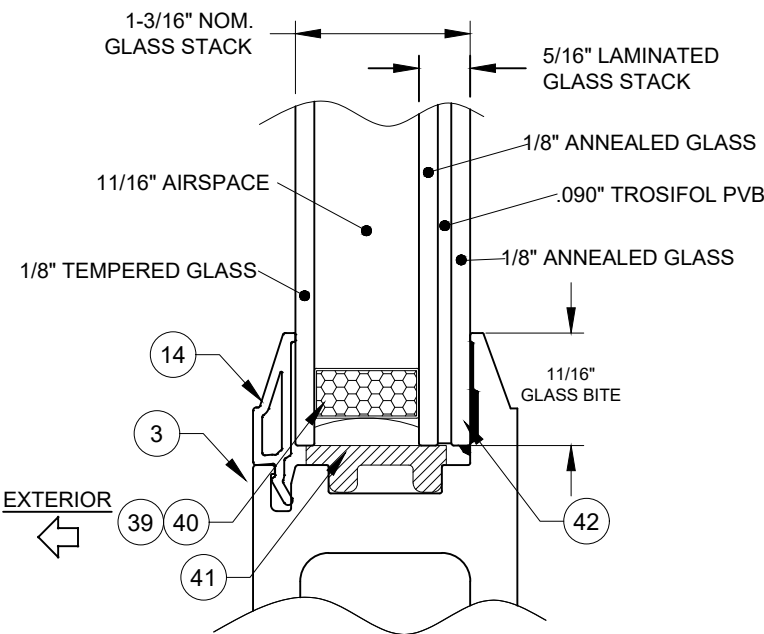


- NOTES:
- 1) SINGLE DOORS MAY BE LEFT OR RIGHT-HANDED.
 - 2) MULLIONS SHOWN ARE STANDARD 1" FRENCH DOOR MULLIONS PER THIS APPROVAL.
 - 3) MULLED CONFIGURATIONS NOT SHOWN MAY BE POSSIBLE USING OTHER MULLION TYPES, SEE SEPARATE APPROVAL.
 - 4) FRENCH DOOR MULLION IS LIMITED TO 96" IN VERTICAL APPLICATIONS AND 40" IN HORIZONTAL APPLICATIONS.
 - 5) NARROW OR WIDE STILES AND RAILS MAY BE MIXED WITHIN THE SAME SL/TR OR MULLED ASSEMBLY.
 - 6) ADDITIONAL CONFIGURATIONS USING THE 1" FRENCH DOOR MULLION ARE POSSIBLE. USE THE ABOVE DRAWINGS AS A REFERENCE FOR SIZE LIMITATIONS.

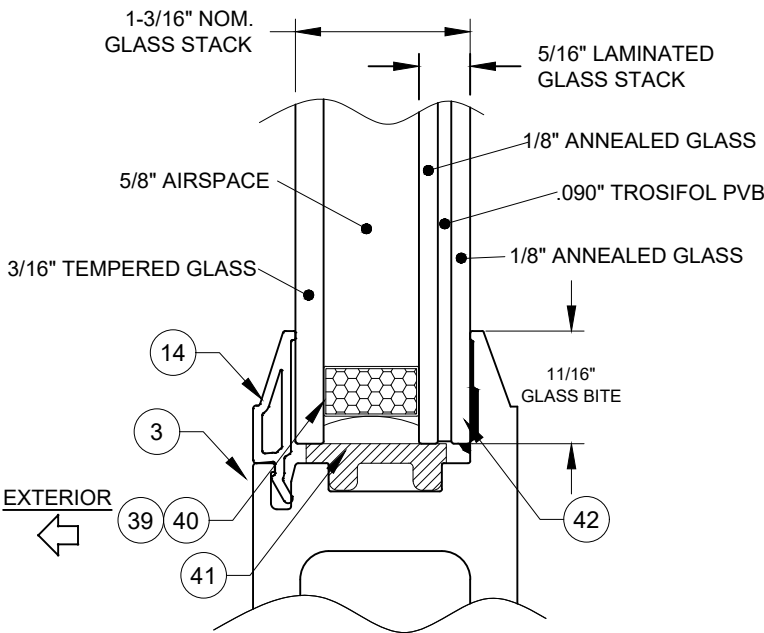
Revision: E) NO CHANGES IN THIS SHEET.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	06/12/11	A. MORLESIN	FD5555FPA-LM	D
PGI Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL FRENCH DOOR (LM)	EXAMPLES CONFIGURATIONS.	FD5555	2 OF 11	Sheet
ANTHONY LYNN MILLER LICENSE No. 58705 10/11/23 STATE OF FLORIDA PROFESSIONAL ENGINEER A. LYNN MILLER, P.E. P.E.# 58705	Date	By	DWG	Rev.	Title

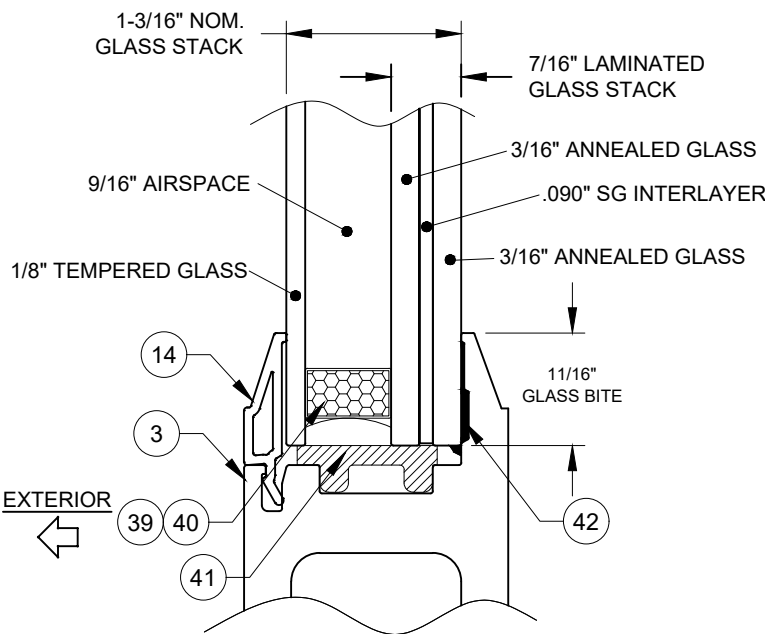
DOOR
GLAZING DETAILS



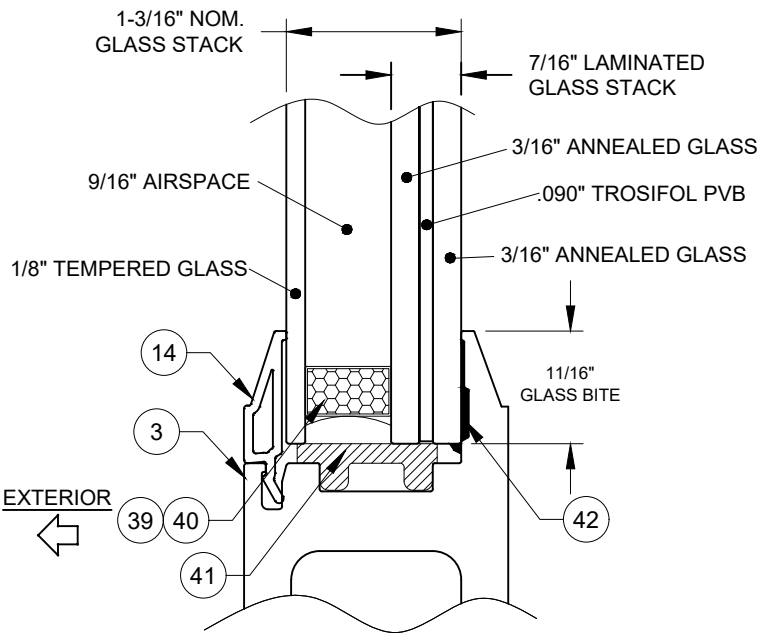
GLASS TYPE 1



GLASS TYPE 2

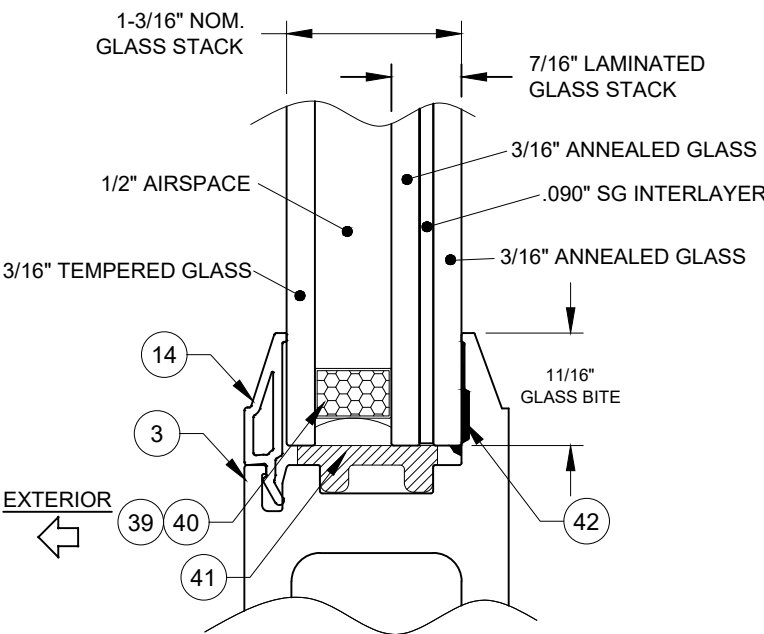


GLASS TYPE 3

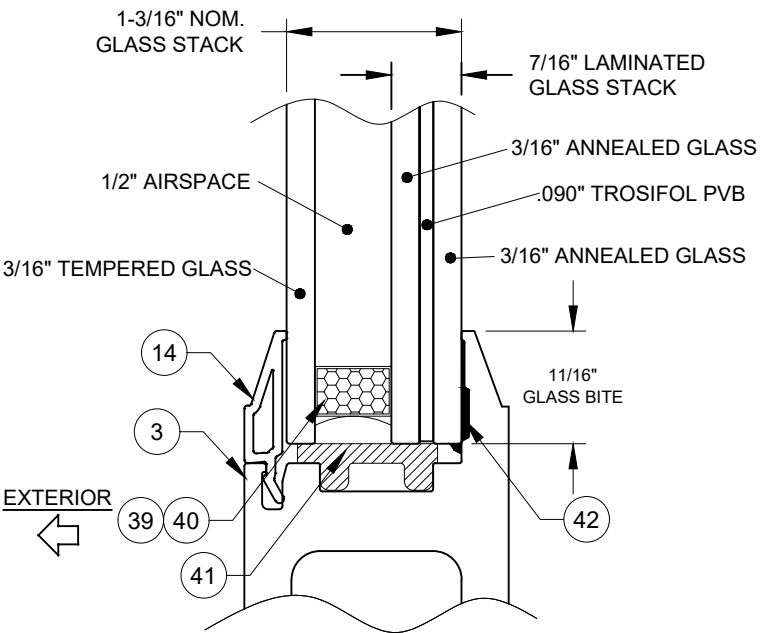


GLASS TYPE 5

SIDELITE & TRANSOM
GLAZING DETAILS



GLASS TYPE 4

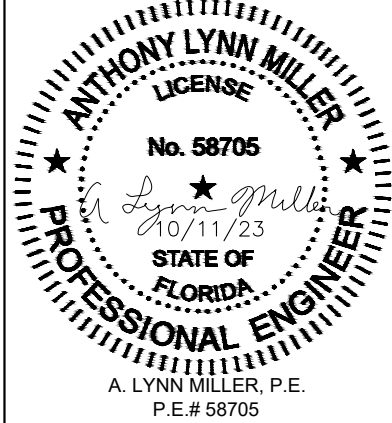


GLASS TYPE 6

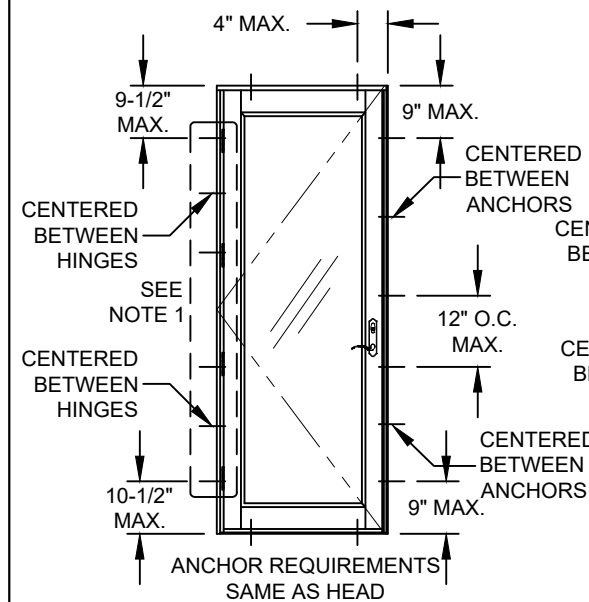
TROSIFOL PVB & SENTRYGLAS (SG) INTERLAYERS MANUFACTURED BY KURARAY AMERICA, INC.

Revision: 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				
		Date		06/12/11					
		By		A. MORLESIN					
		No.		FD5555FPA-LM					
Series		FD5555		3 OF 11		DWG		Rev.	
Desc.		VINYL FRENCH DOOR (LM)		GLASS TYPES.					

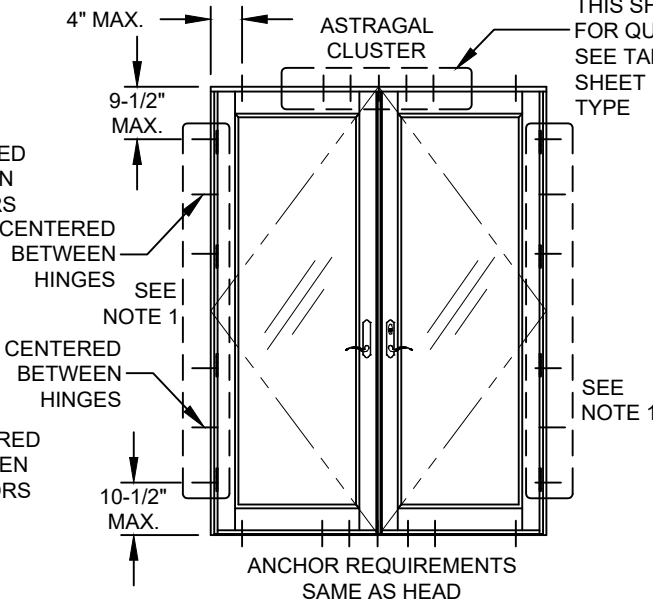


**SINGLE DOOR
INSTALLATION
(X)**



X

**DOUBLE DOOR
INSTALLATION
(XX)**



XX, (USING ASTRAGAL)

TABLE 3:
DOOR DESIGN PRESSURE

+/-50.0 PSF	Glass Type 1
+/-70.0 PSF	Glass Type 2

TABLE 4:
XX Door: Astragal Cluster Anchors Required @ Head & Sill

Door Height (in)	Door Width (in)							
	Anchor Group A-D	Anchor Group A&B	Anchor Group C&D	Anchor Group A&B	Anchor Group C&D	Anchor Group A&B	Anchor Group C	Anchor Group D
80	4	4	4	5	4	5	4	4
96	4	5	4	6	4	6	5	4

**TRANSOM-TO-DOOR (X/O) OR TRANSOM-TO-SIDELITE (O/O)
MULLION ATTACHMENT& INSTALLATION**

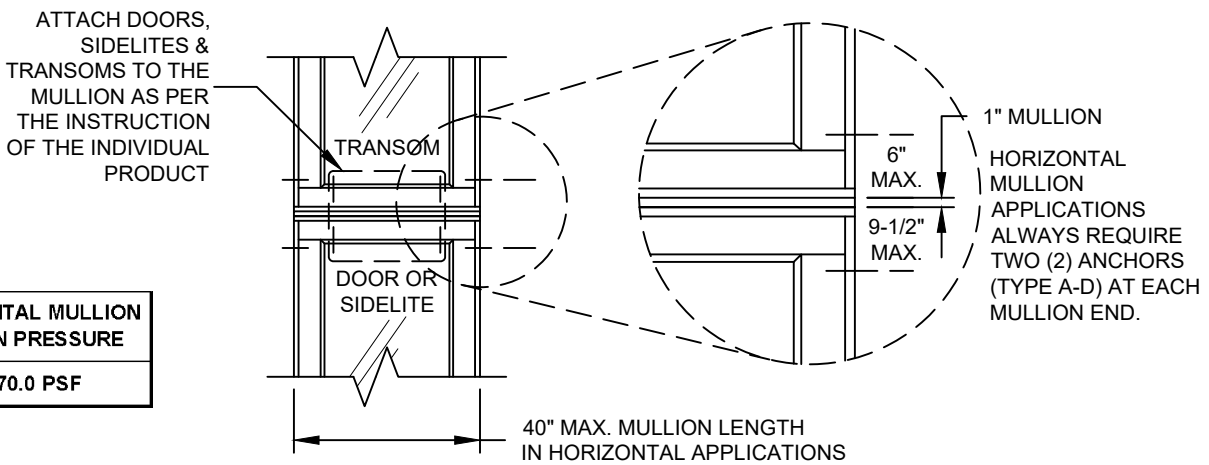


TABLE 7:
HORIZONTAL MULLION DESIGN PRESSURE

+/-70.0 PSF

**SIDELITE-TO-SIDELITE
MULLION INSTALLATION
(O/O, O/O/O, ETC.)**

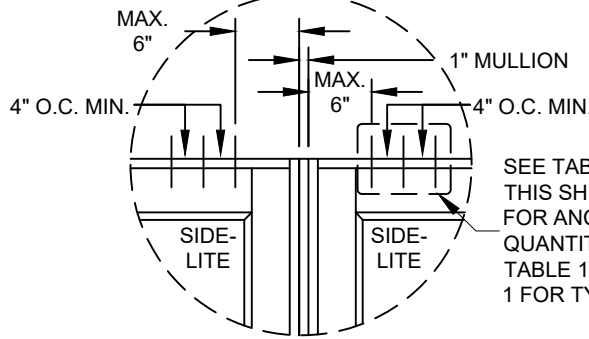
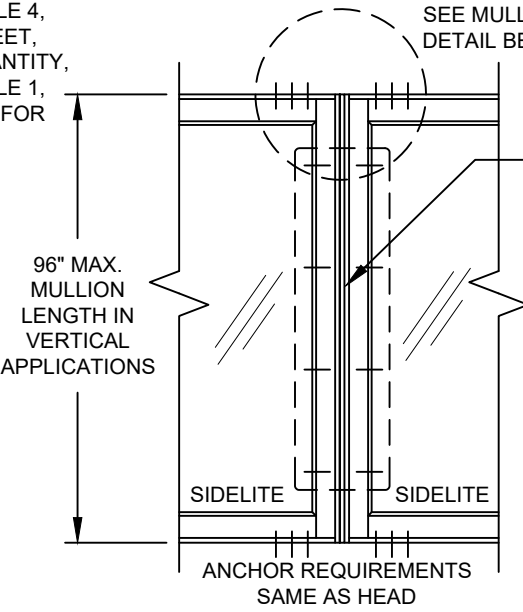


TABLE 5:
VERTICAL MULLION DESIGN PRESSURE

+/-70.0 PSF

**SIDELITE-TO-DOOR
MULLION INSTALLATION
(X/O, O/X, X/X, O/X/O, X/O/X, O/XX/O, ETC)**

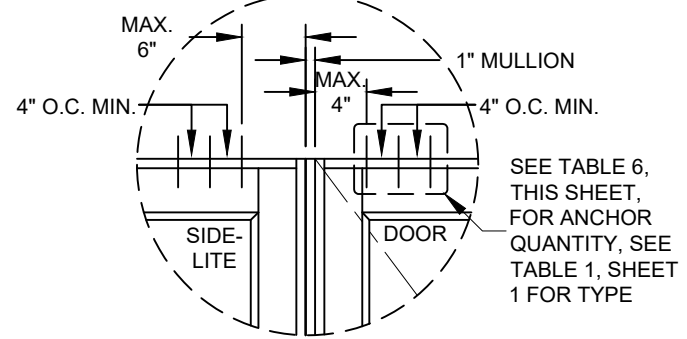
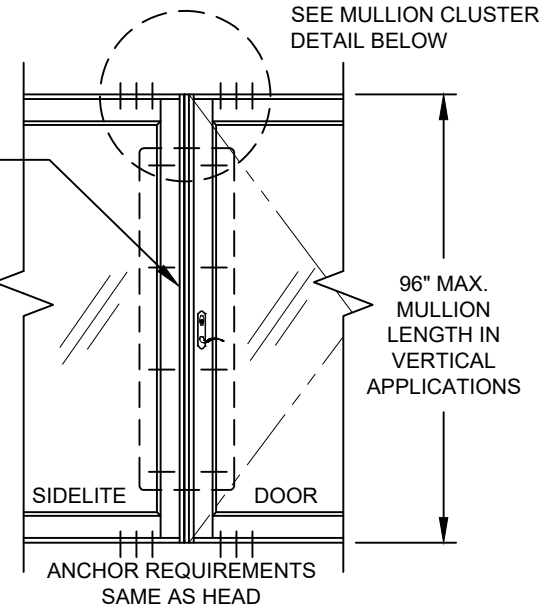


TABLE 6:
Anchors Required for a Vertical Mullion (each mullion end)

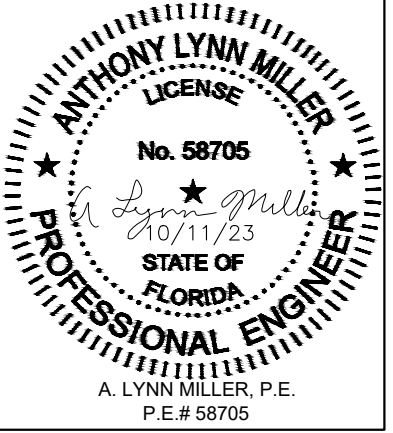
Mullion Height (in)	Door or Sidelite/Transom Width (in)											
	Anchor Group A-D	Anchor Group A-C	Anchor Group D	Anchor Group A&B	Anchor Group C	Anchor Group D	Anchor Group A&B	Anchor Group C	Anchor Group D	Anchor Group A&B	Anchor Group C	Anchor Group D
80	N/A	2	1	2	2	1	3	2	1	N/A	N/A	N/A
96	N/A	2	1	3	2	1	3	3	2	N/A	N/A	N/A

FOR "O/XX/O" AND SIMILAR CONFIGURATIONS CONTAINING A DOUBLE DOOR (XX), USE ONLY HALF OF THE FRAME WIDTH OF THE DOUBLE DOOR WHEN USING THIS TABLE.

- INSTRUCTIONS:**
- 1) DOOR HINGE JAMBS OF ALL HEIGHTS TO ALWAYS BE ANCHORED WITH SIX ANCHORS. SEE TABLE 1, SHEET 1, FOR ALL APPROVED ANCHORS. FOUR OF THE SIX ANCHORS MUST BE INSTALLED THROUGH THE HINGES, ONE AT EACH HINGE LOCATION (RECOMMENDED #10 FLATHEAD SMS OR 3/16" FLATHEAD ULTRACON FOR EACH HINGE ANCHOR).
 - 2) FOR A MULLED UNIT, DETERMINE THE DESIGN PRESSURE OF EACH COMPONENT IN THAT CONFIGURATION. FOR EXAMPLE, ON AN "X/O" CONFIGURATION, THE DP FOR THE DOOR, THE MULLION AND THE SIDELITE 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.

Revision:
E) NO CHANGES IN THIS SHEET.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	06/12/11	By	A. MORLESIN	DWG No.	FD5555FPA-LM	Rev.	D
		VINYL FRENCH DOOR (LM)		DP & ANCHORAGE		4 OF 11	FD5555	Sheet	



SIDELITE/TRANSOM INSTALLATION (O)

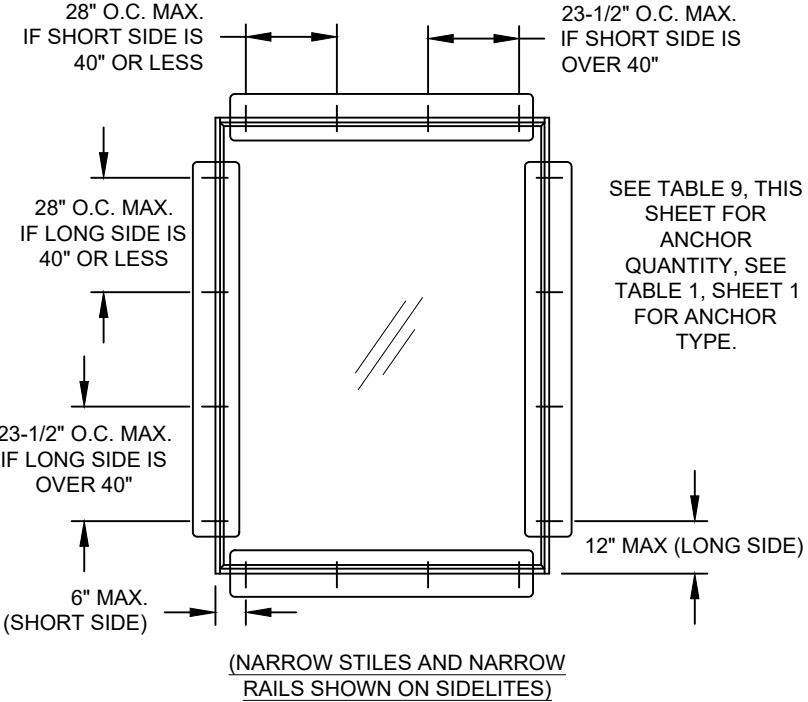
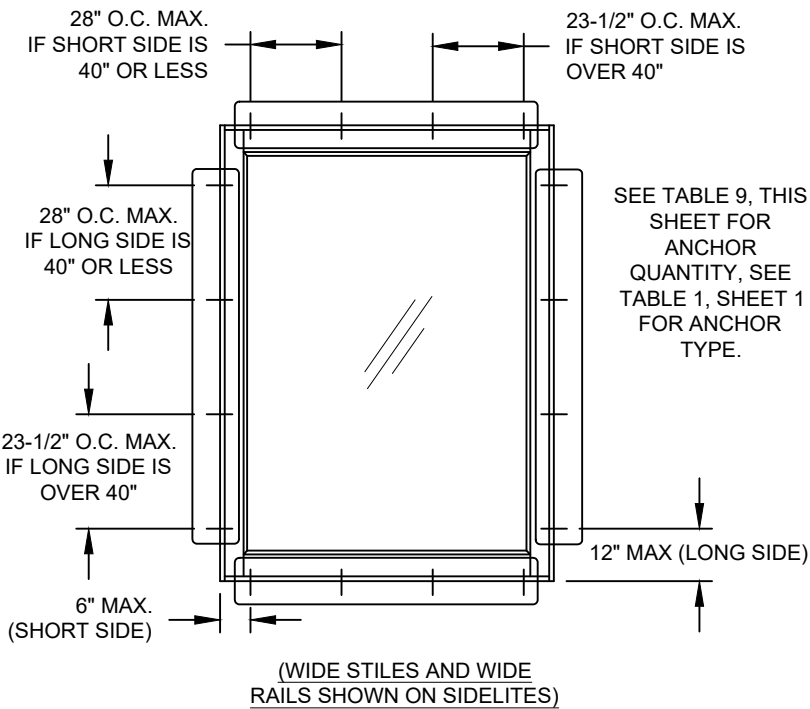


TABLE 8:

WINDOW DESIGN PRESSURE	
+/-70.0 PSF	All Glass Types

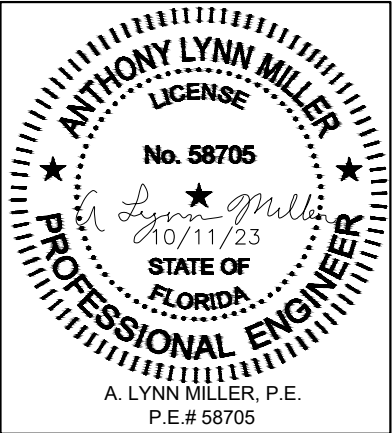
NOTES:
1) NARROW OR WIDE STILES AND RAILS MAY BE MIXED WITHIN THE SAME SIDELITE/TRANSOM OR MULLED ASSEMBLY.
2) SIDELITE/TRANSOM MAY BE A SINGLE, STAND-ALONE UNIT.
3) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE SHORT OR LONG DIMENSION.

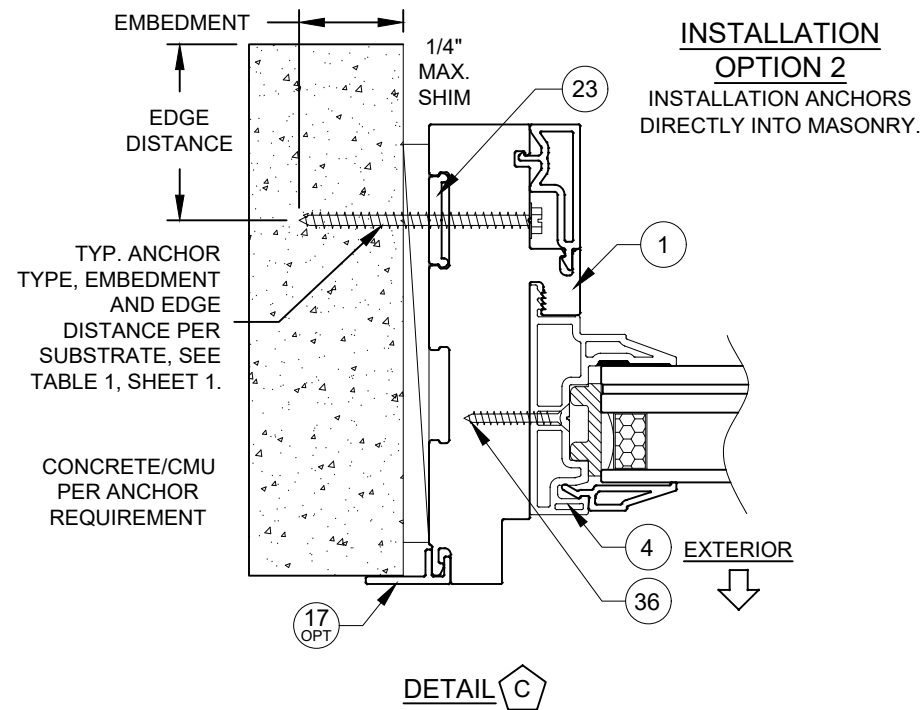
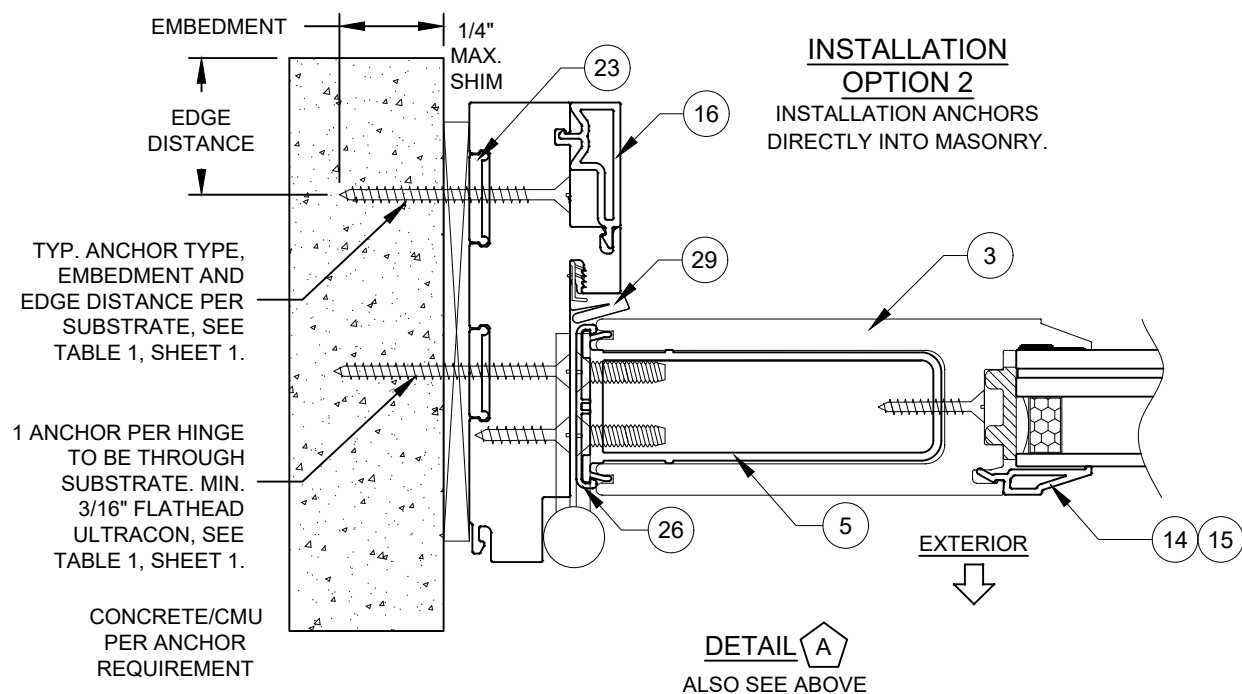
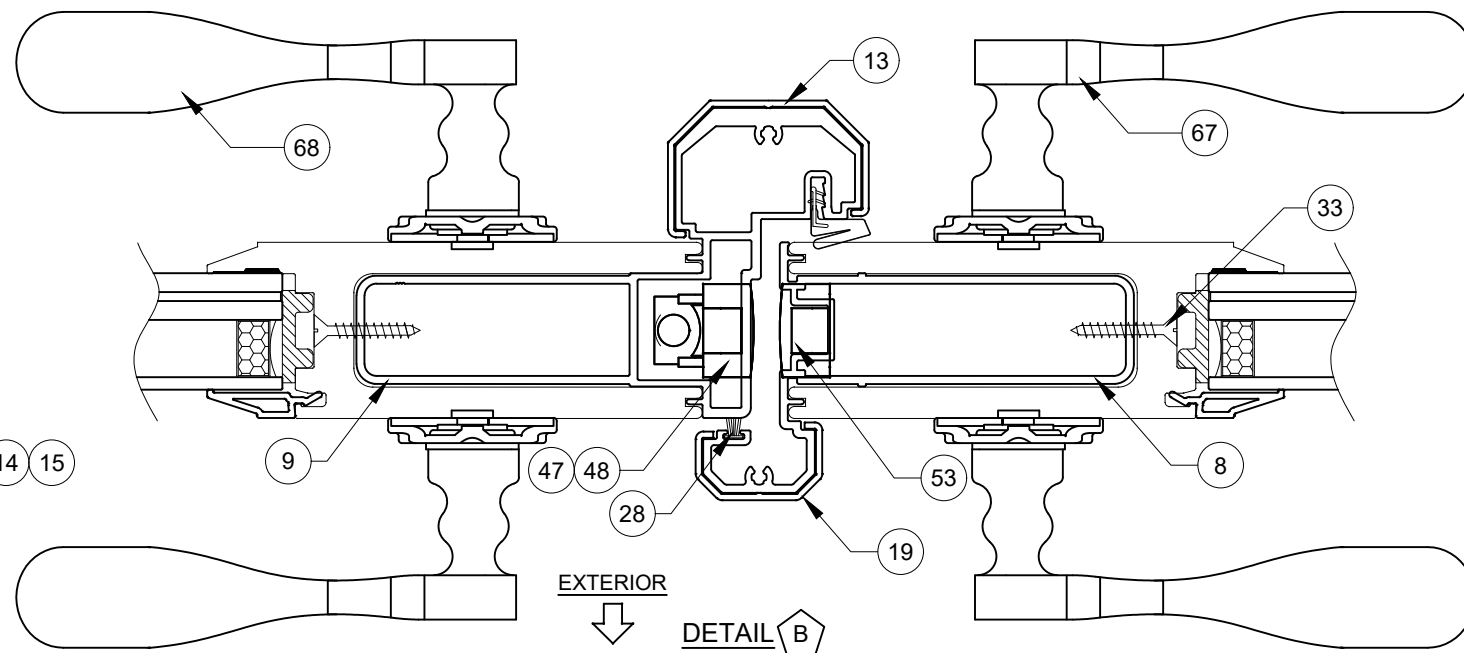
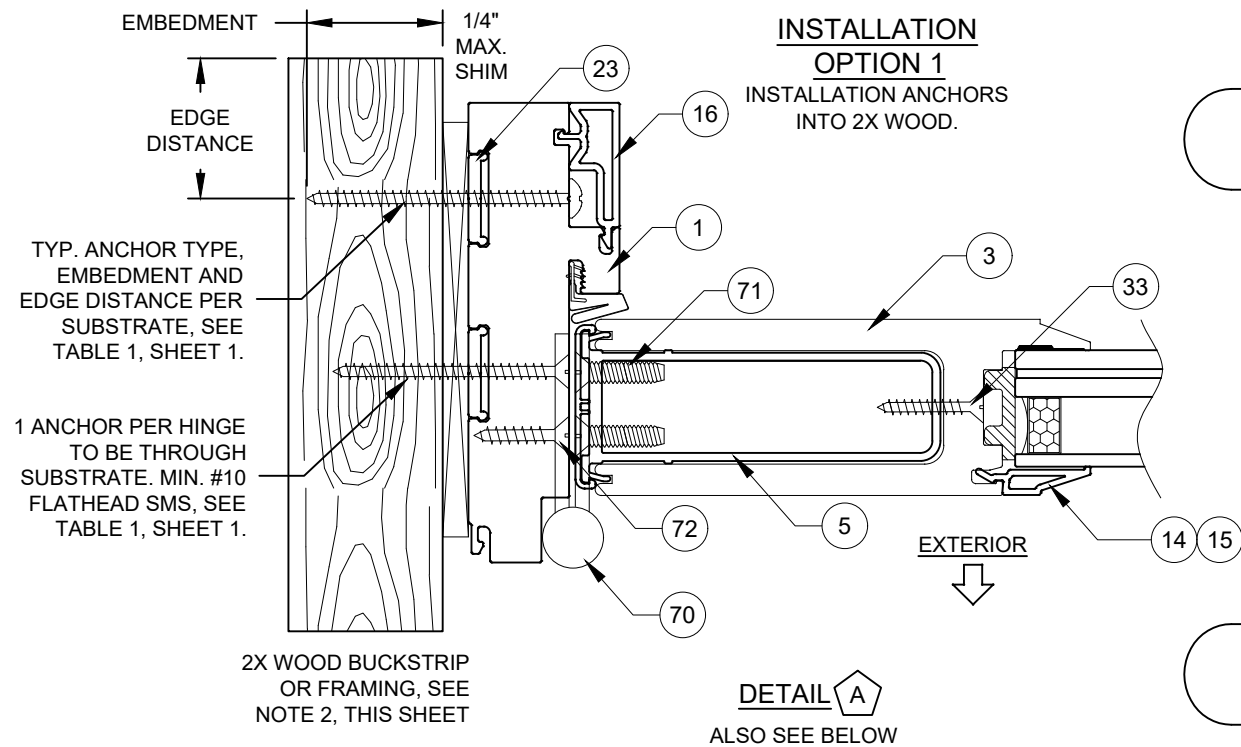
TABLE 9:

			Sidelite/Transom Anchor Quantity																																
			Long Side (in)																																
			63-3/16		66-5/8		68		70		72		76		78		82		84		88		92		96		98		104			108		111	
			Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	Anchor Group A	Anchor Groups B-D	
Short Side (in)	24	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2		
		Long Side	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	6	5	5	6	6	6	6	
	28	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		Long Side	4	4	4	4	4	4	4	4	4	4	5	4	5	4	5	4	5	5	5	5	6	5	6	5	6	5	6	5	5	7	6	7	6
	32	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
		Long Side	4	4	4	4	4	4	4	4	4	5	4	5	4	5	4	5	4	6	5	6	5	6	5	6	5	7	5	7	5	5	7	6	8
	36	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		Long Side	4	4	5	4	5	4	5	4	5	4	5	4	5	4	6	4	6	5	6	5	7	5	7	5	7	5	8	5	5	7	6	8	6
	38-3/4	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
		Long Side	4	4	5	4	5	4	5	4	5	4	6	4	6	4	6	4	6	5	7	5	7	5	7	5	8	5	8	5	5	8	6	9	6
40	Short Side	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
	Long Side	4	4	5	4	5	4	5	4	5	4	6	4	6	4	6	4	6	5	7	5	7	5	8	5	8	5	8	5	5	9	6	9	6	

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PGT Custom Windows and Doors		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		06/12/11		Rev.		
						Date				
						By				
						Drawn				
						A. MORLESIN				
VINYL FRENCH DOOR (LM)		DP & ANCHORAGES		FD5555		5 OF 11		Sheet	FD5555FPA-LM	D
Title		Desc.								





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.
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- 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.

Revision:

E) NO CHANGES IN THIS SHEET.

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

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

REGISTRATION #29296

Date 06/12/11

By A. MORLESIN

Rev. D

FD5555FPA-LM

DWG No.

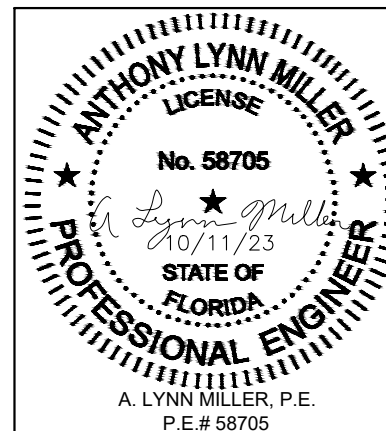
6 OF 11

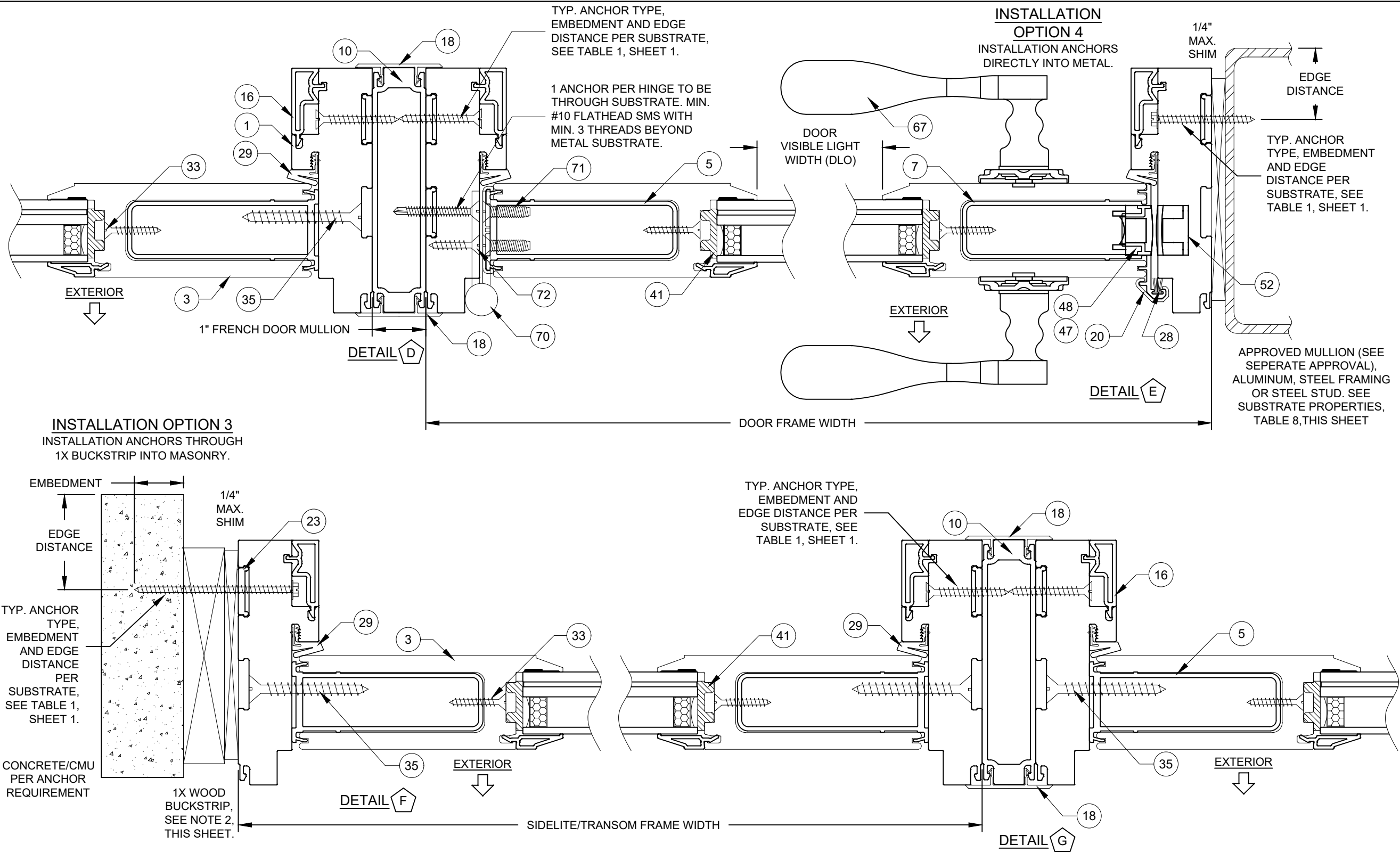
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FD5555

VINYL FRENCH DOOR (LM)

INSTALLATION DETAILS.





INSTALLATION NOTES:

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Revision: E) NO CHANGES IN THIS SHEET.

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

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

REGISTRATION #29296

Date 06/12/11

By A. MORLESIN

D Rev. D

FD5555FFPA-LM

DWG No.

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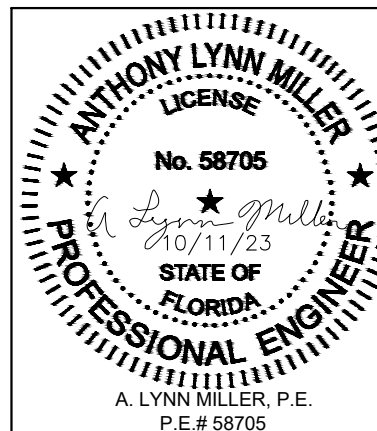
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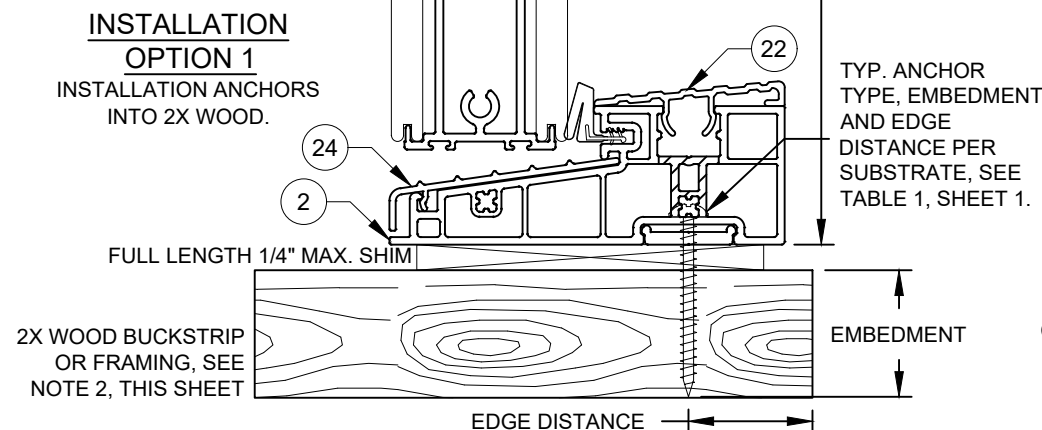
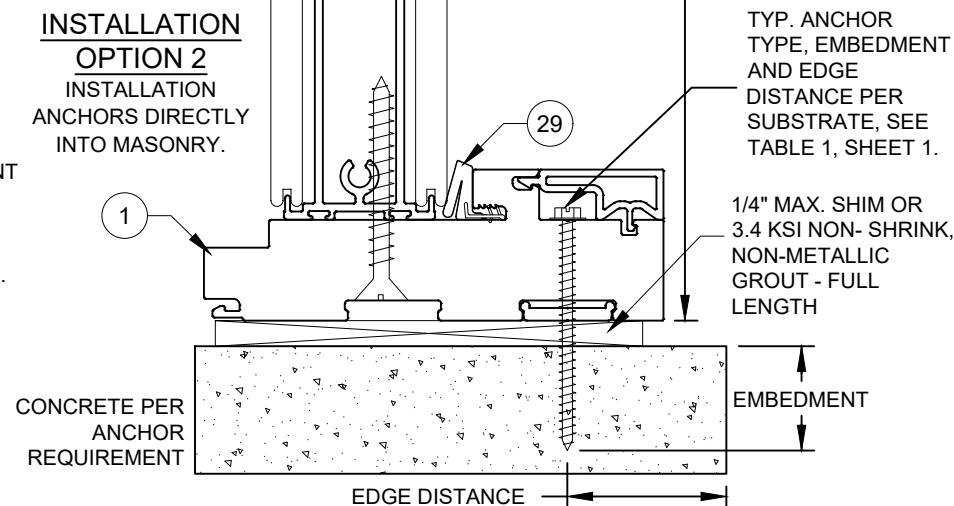
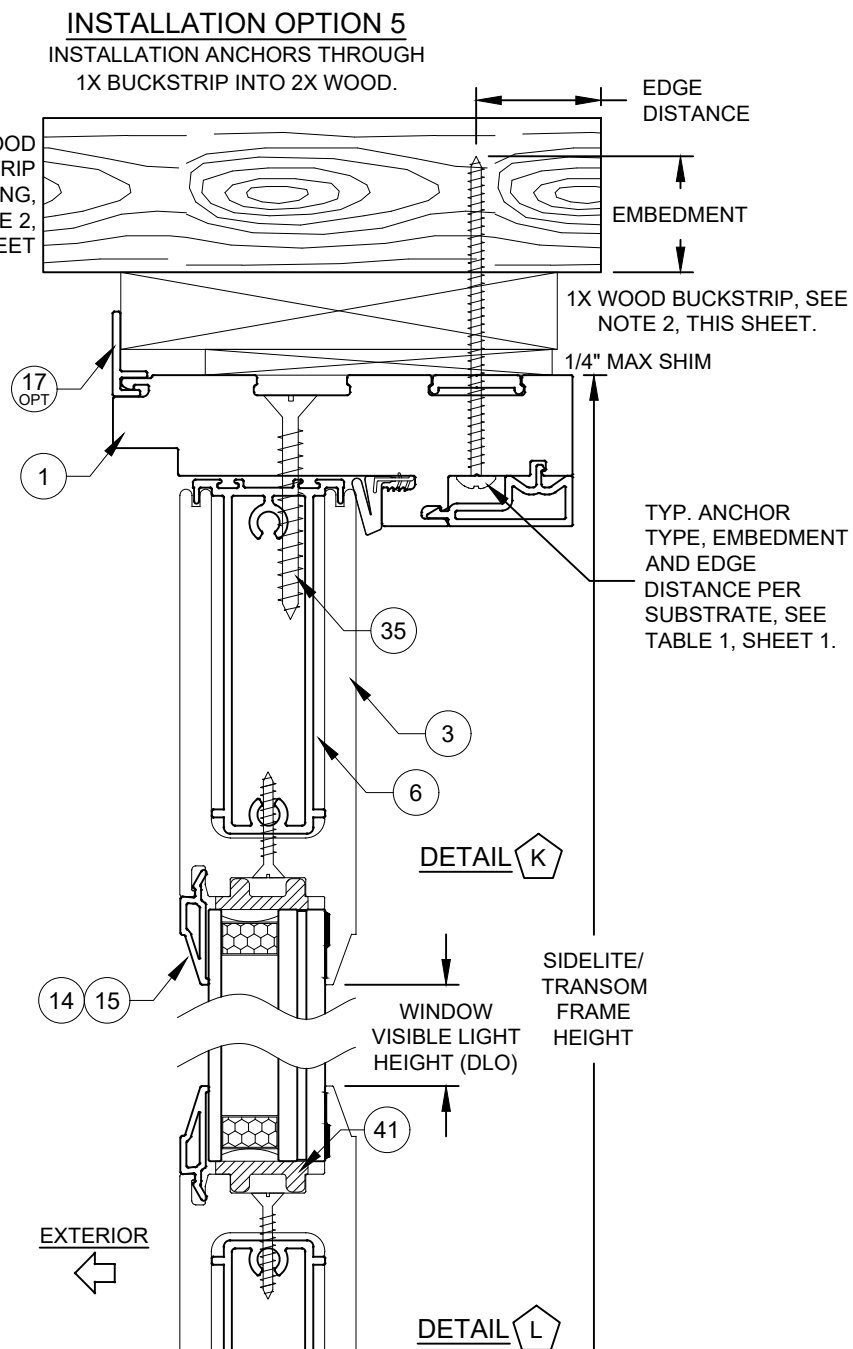
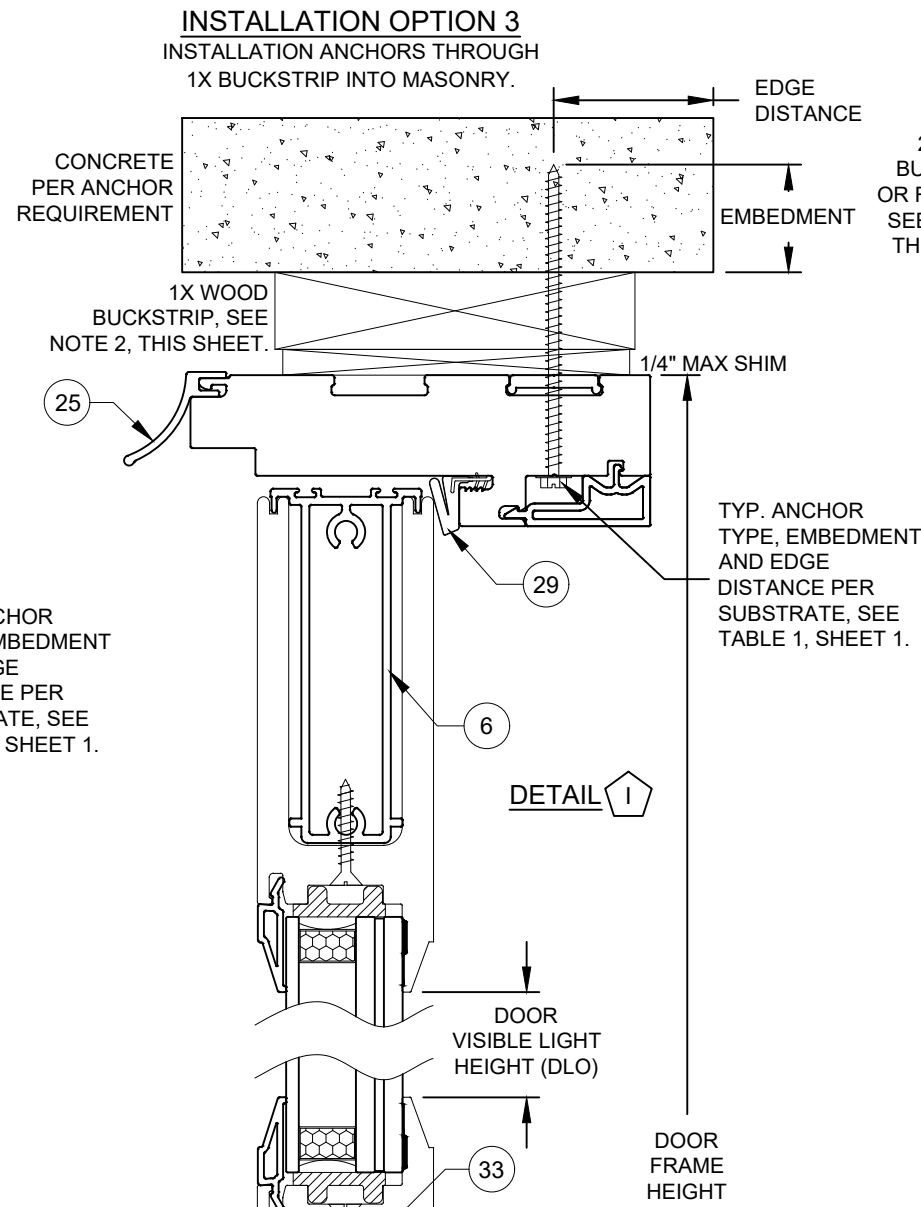
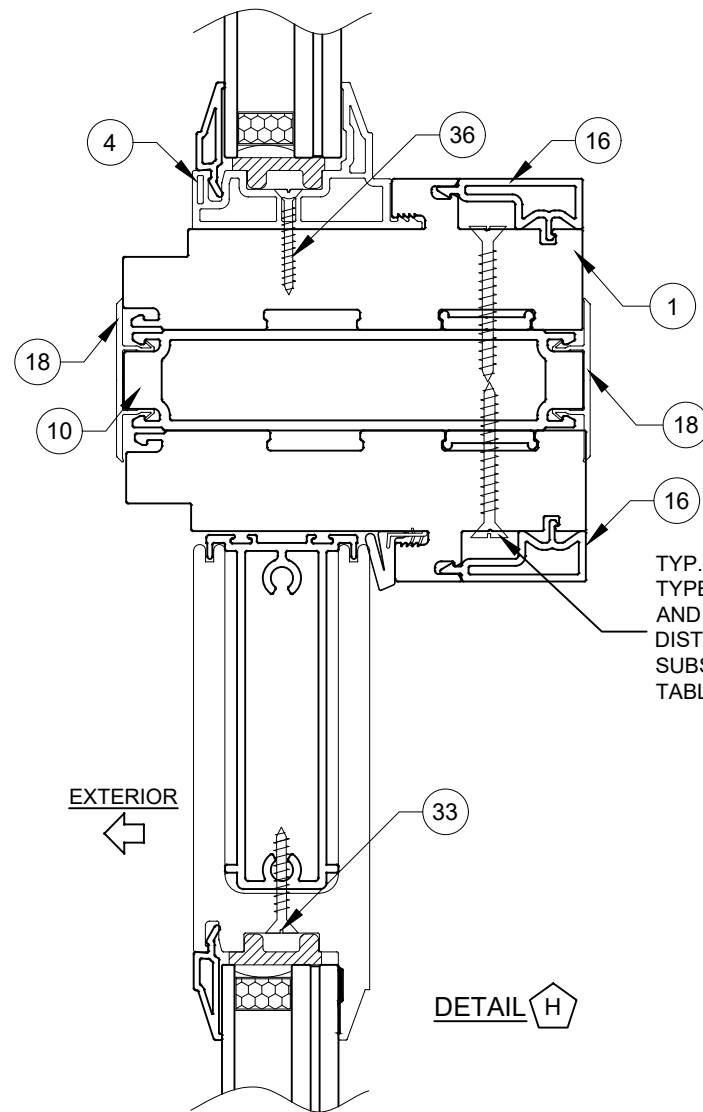
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Series

VINYL FRENCH DOOR (LM)

INSTALLATION DETAILS.



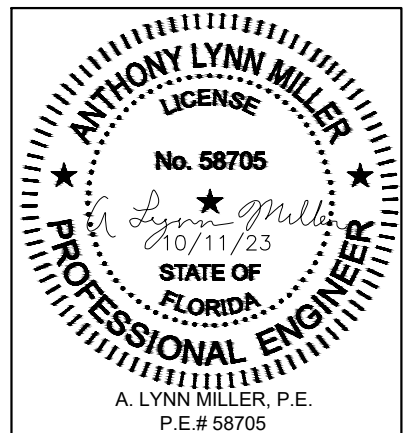


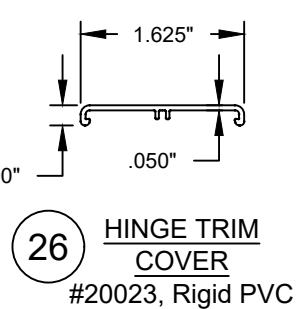
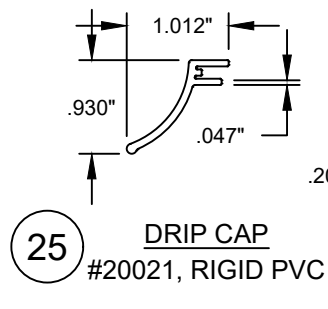
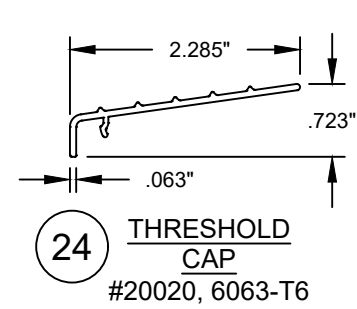
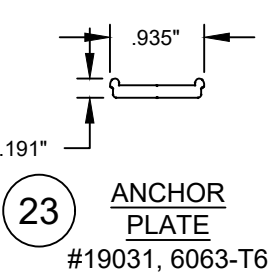
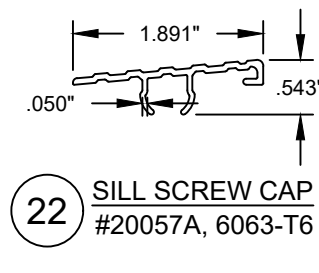
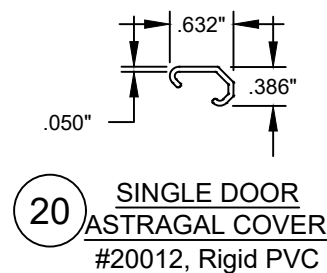
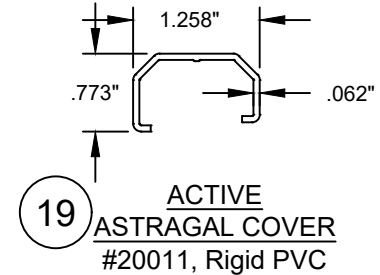
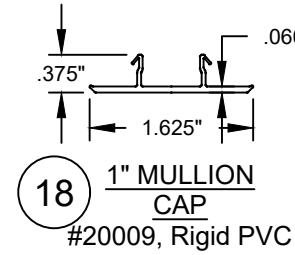
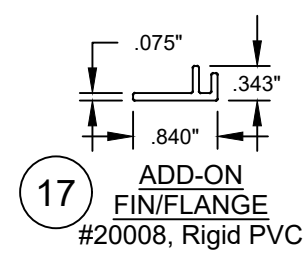
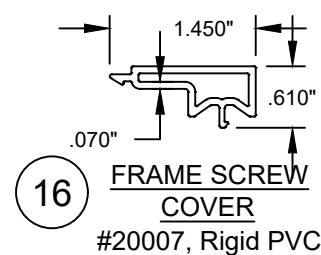
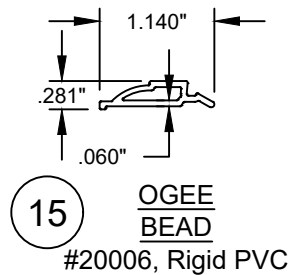
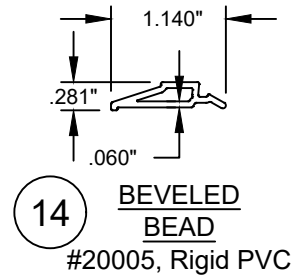
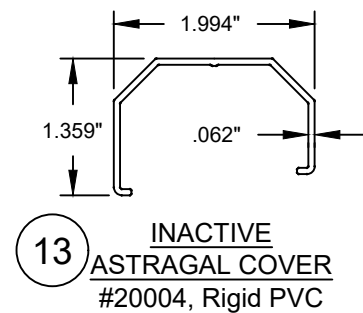
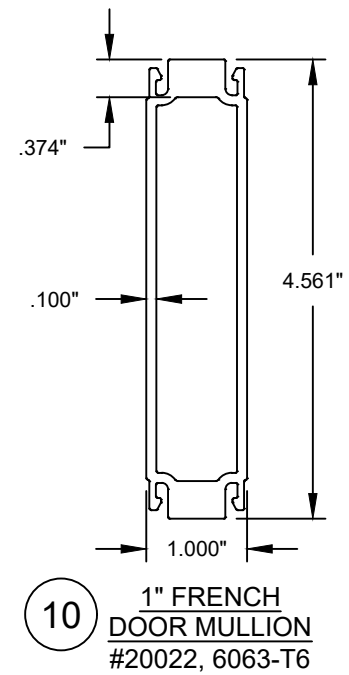
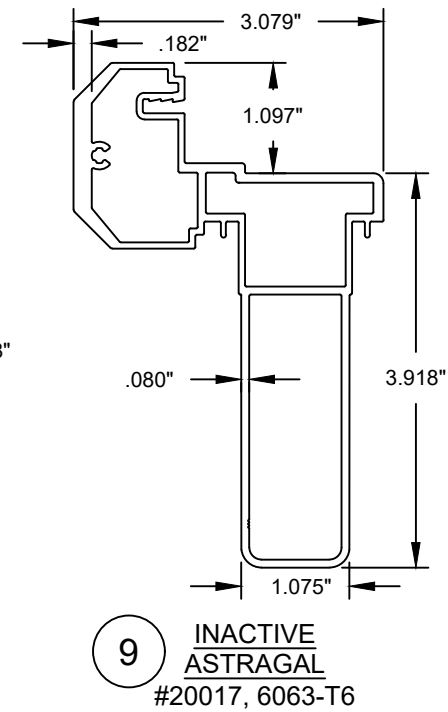
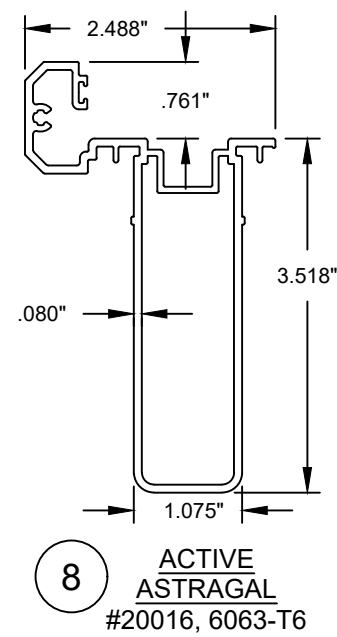
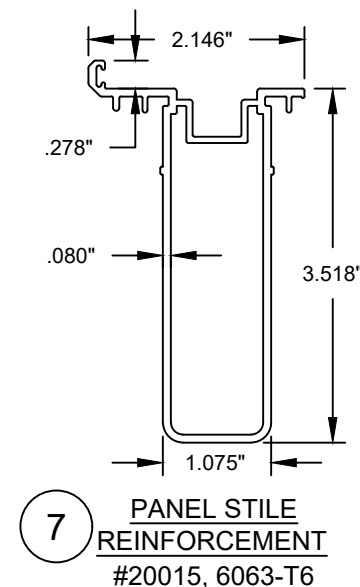
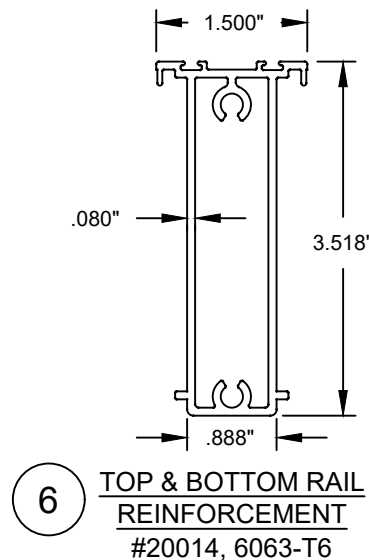
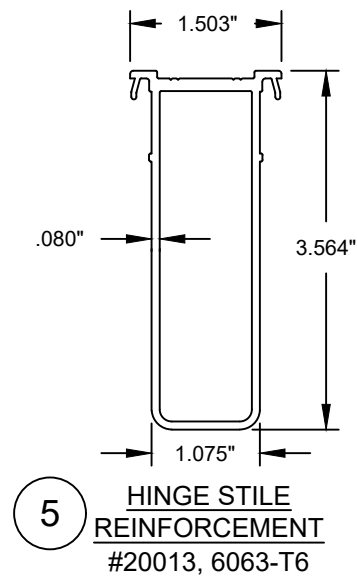
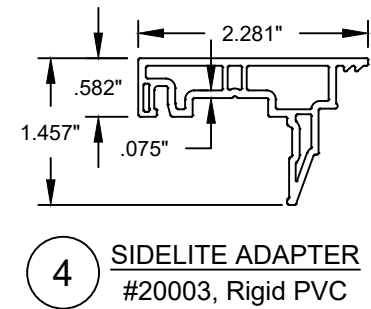
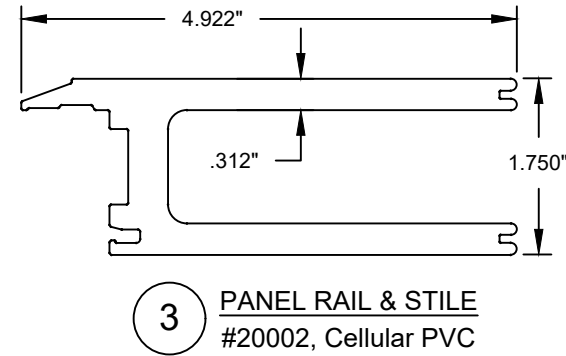
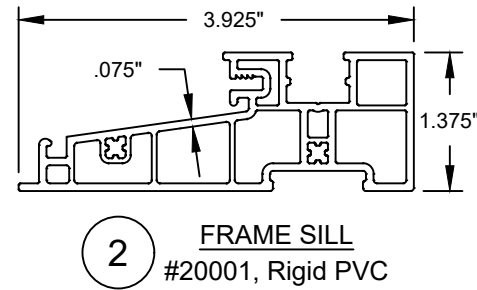
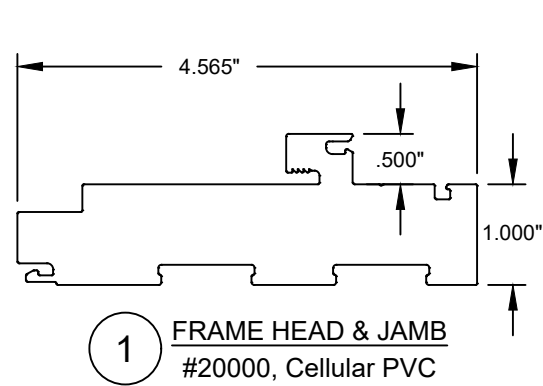
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 Custom Windows and Doors	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		06/12/11		Rev.	D	
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600				Date				
			VINYL FRENCH DOOR (LM)		A. MORLESIN		FD5555FPA-LM		
			INSTALLATION DETAILS.		By				
Series	FD5555	Sheet	8 OF 11	DWG No.					





Revision: E) NO CHANGES IN THIS SHEET.

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	Custom Windows and Doors 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		
	VINYL FRENCH DOOR (LM)				
	Title		Date		
EXTRUSIONS.		A. MORLESIN		06/12/11	
FD5555		9 OF 11		Rev.	
Sheet		DWG No.		D	
Series		FD5555FPA-LM			

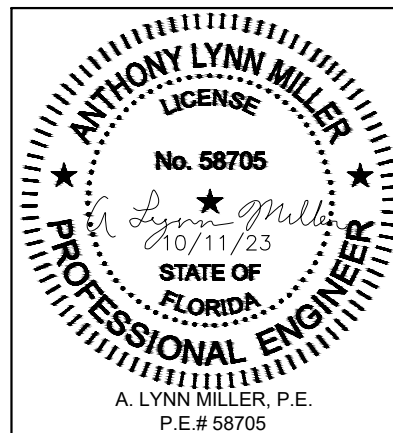
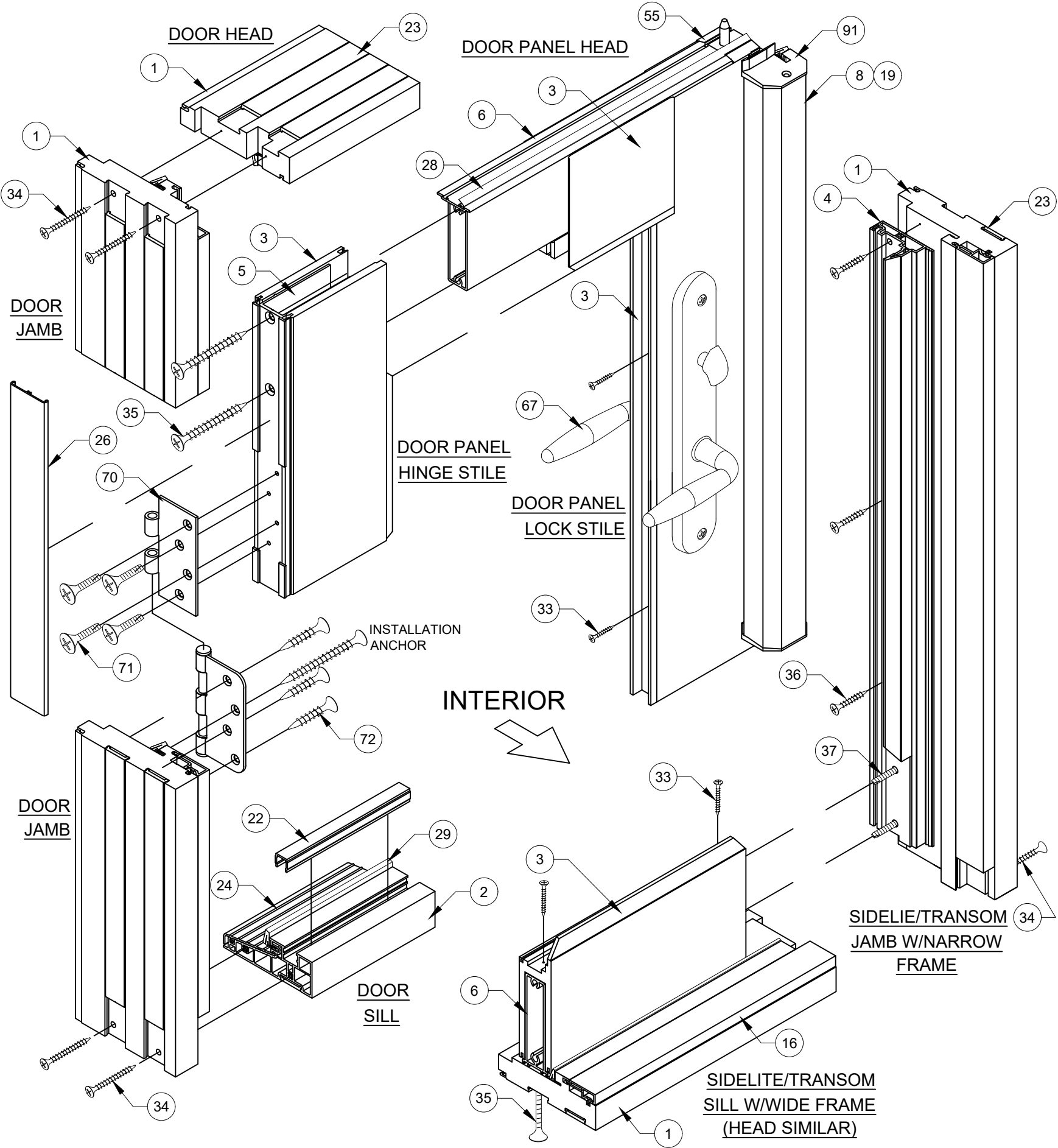


TABLE 10:

#	PGT Part #	Description	Material
1	20000	Door & Sidelite/Transom Main Frame	Cellular PVC
2	20001	Door Frame Sill	Rigid PVC
3	20002	Panel Stile & Rail	Cellular PVC
4	20003	Sidelite Adapter	Rigid PVC
5	20013	Hinge Stile Reinforcement	Alum., 6063-T6
6	20014	Panel Rail Reinforcement	Alum., 6063-T6
7	20015	Panel Stile Reinforcement	Alum., 6063-T6
8	20016	Active Astragal	Alum., 6063-T6
9	20017	Inactive Astragal	Alum., 6063-T6
10	20022	1" French Door Mullion	Alum., 6063-T6
13	20004	Inactive Astragal Cover	Rigid PVC
14	20005	1-1/16" Bevel Bead	Rigid PVC
15	20006	1-1/16" Ogee Bead	Rigid PVC
16	20007	Screw Cover	Rigid PVC
17	20008	Add-on Fin/Flange	Rigid PVC
18	20009	1" Mullion Cap	Rigid PVC
19	20011	Active Astragal Cover	Rigid PVC
20	20012	Single Door Astragal Cover	Rigid PVC
22	20057A	Sill Screw Cover	Rigid PVC
23	19031	Anchor Plate	Alum., 6063-T6
24	20020	Threshold Cover	Alum., 6063-T6
25	20021	Drip Cap	Rigid PVC
26	20023	Hinge Trim Cover	Rigid PVC
28		Fin Weatherstrip	
29	1671/3	Frame Weatherstrip	
31	714FPT410XW	Frame-to-Wide Slab Screw: #14 X 1-1/2" Phil. FH	Stainless Steel
32	7S101X	Frame-to-Narrow Slab Screw: #10 X 1" Phil. FH	Stainless Steel
33	78X1FPT410	Reinforcement Screw: #8 X 1" Phil. FH	Stainless Steel
34	710X2FPAX	Frame Assembly Screw: #10 X 2" Phil. FH	Stainless Steel
35	714FPT410XW	W-W Slab Assembly Screw: #14 X 1-1/2" Phil. FH	Stainless Steel
36	7S101X	N-N Slab Assembly Screw: #10 X 1" Phil. FH	Stainless Steel
37	71420X2.25	N-W Slab Assembly Screw: #14 X 2-1/4" Phil. FH	Stainless Steel
39		DuraSeal Spacer	
40	62689	SuperSpacer	
41	720026	Setting Block, (Duro.=85 +/- 5)	EPDM
42		Backbedding: Dow-791, 983, 995 or GE-7700	Silicone
43		Argon Gas	
44	6HL5140	Hot Melt Butyl	
47 - 73 see Hardware BOM, Table 9, Sheet 12			
90	20033	Inactive Astragal Cap	Acetal
91	20035	Active Astragal Cap	Acetal

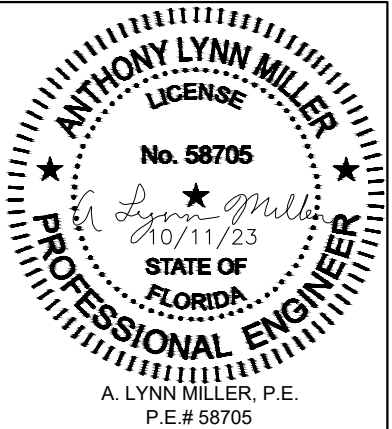
DAYLITE OPENING (DLO) SIZES

WHEN USING PART # 3: (WIDE RAILS OR STILES)
X DOOR FRAME HEIGHT - 12.1 = DLO HEIGHT
X DOOR FRAME WIDTH - 12.3 = DLO WIDTH
(XX DOOR FRAME HEIGHT) - 12.1 = DLO HEIGHT
(XX DOOR FRAME WIDTH / 2) - 11.5 = DLO WIDTH
SLT/TR FRAME HEIGHT - 12.1 = DLO HEIGHT
SLT/TR FRAME WIDTH - 12.1 = DLO WIDTH
WHEN USING PART # 4: (NARROW RAILS OR STILES)
SLT/TR FRAME HEIGHT - 4.9 = DLO HEIGHT
SLT/TR FRAME WIDTH - 4.9 = DLO WIDTH



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				Title		Date		Rev.	
				VINYL FRENCH DOOR (LM)		A. MORLESIN		D	
				BOM & ASSEMBLY DETAILS.		By Drawn		FD5555FFPA-LM	
				FD5555		10 OF 11		DWG No.	
Sheet									



HARDWARE DETAILS & LOCATIONS

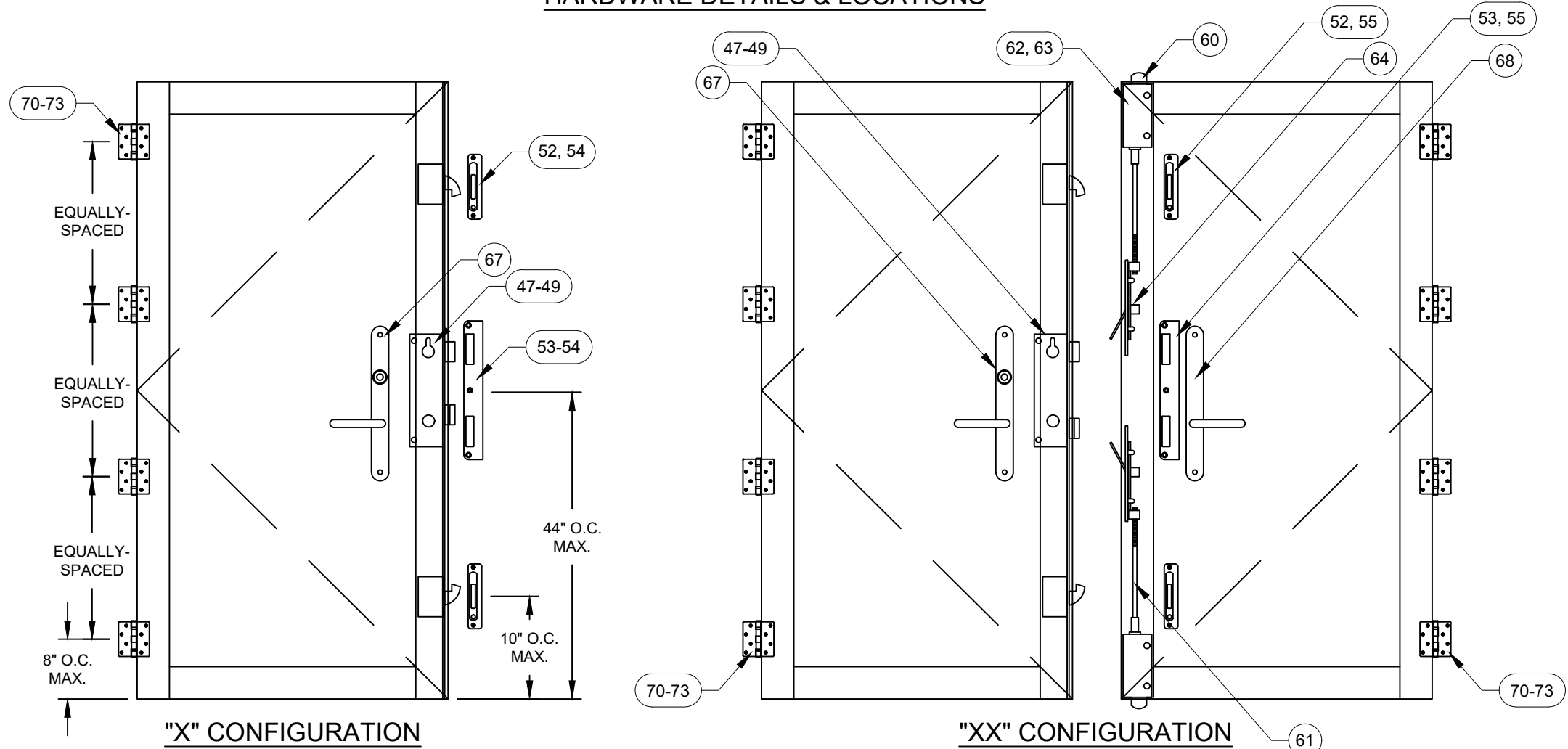
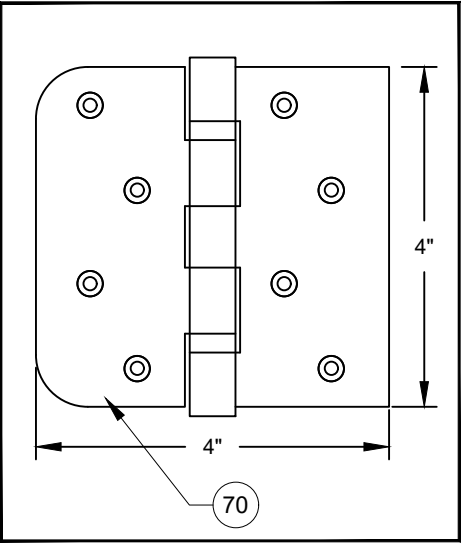


TABLE 11:

#	PGT Part #	Description	Material
47	666032701	P3000 3-PT Rhino Lock (6'8")	
48	666032702	P3000 3-PT Rhino Lock (over 6'8")	
49	71032X1FPFX	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	7S101X	Strike Plate Screw, (X): #10 X 1" Phil. FH	410 S.S.
55	78X12PFHUX	Strike Plate Screw, (XX): #8 X 1/2" Phil. FH	410 S.S.
60	7SB1202	Flush Bolt (XX)	
61	7803725	Flush Bolt Rod (XX)	
62	420034	Flush Bolt Guides (XX)	
63	7832X12FPXP	Flush Bolt Screw: 8-32 X 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	71032X1FPFX	Hinge, Slab Screw: #10-32 X 1" Phil FH	Stainless Steel
72	7S101X	Hinge, Frame Screw: #10 X 1" Phil. FH	Stainless Steel

HINGE DETAIL:



Revision: E) NO CHANGES IN THIS SHEET.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	Date	06/12/11	By	A. MORLESIN	DWG No.	FD5555FFPA-LM	Rev.	D
		VINYL FRENCH DOOR (LM)		HARDWARE.		11 OF 11	FD5555		

