

SERIES FD-5555, WITH TRITON GLASS
IMPACT-RESISTANT, VINYL, REINFORCED, OUTSWING
FRENCH DOOR & SIDELITE/TRANSOM (SLT/TR)

FLORIDA PRODUCT APPROVAL #331

DESIGN PRESSURE RATING	WATER PRESSURE RATING	IMPACT RATING
VARIES, SEE SHEETS 4 & 5	15% OF THE (+) DESIGN PRESSURE UNLESS NOTED OTHERWISE	RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE

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

2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.

3) 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.

4) IF SILL IS TIGHT TO SUBSTRATE, GROUT IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT AT 3.4 KSI MIN. PER ASTM C1107, (DONE BY OTHERS). MAX. 1/4" SHIM SPACE FOR GROUT WHICH 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.

5) 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. 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.

6) 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. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE DOOR, SIDELITE OR TRANSOM.

7) 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.

C. DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.

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 (INCLUDING ADOPTED STANDARDS) FOR CORROSION RESISTANCE.

9) ALL RIGID PVC AND RIGID CELLULAR PVC MANUFACTURED BY VISION EXTRUSIONS, 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.

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	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+	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	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+		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		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) ANY ANCHOR FROM THE ABOVE TABLE IS ACCEPTABLE TO BE USED ALONG A DOOR JAMB, REGARDLESS OF ANCHOR GROUP CHOSEN.

TABLE 2:

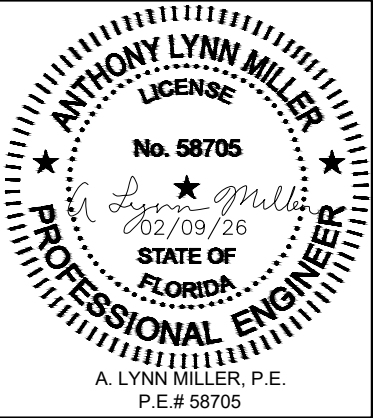
Type #	Description	Where Used:
1	7/8" Lami. I.G.: 1/8" TP - 1/2" AIR - 1/8" AN - .090" PVB - 0.7 mm ATG	Door
2	1-3/16" Lami. I.G.: 3/16" TP - 11/16" AIR - 3/16" AN - .090" PVB - 0.7 mm ATG	Door
3	1-3/16" Lami. I.G.: 3/16" TP - 11/16" AIR - 3/16" HS - .090" PVB - 0.7 mm ATG	Sidelite/Transom

"AN" = ANNEALED
"HS" HEAT STRENGTH
"TP" = TEMPERED
"PVB" = .090" TROSIFOL® PVB INTERLAYER BY KURARAY AMERICA, INC.

GUIDE TO SHEETS:

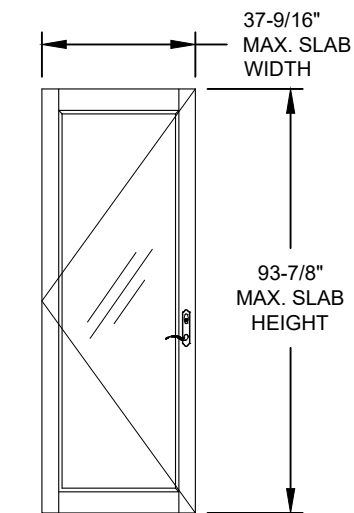
GENERAL NOTES.....	1
ELEVATIONS.....	2
GLAZING DETAILS.....	3
DESIGN PRESSURES.....	4-5
ANCHORS.....	4-6
INSTALLATION.....	7-9
EXTRUSION PROFILES.....	10
PARTS LIST.....	11-12
CORNER DETAILS.....	11
HARDWARE DETAILS.....	12

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		By	A MORLESIN
		VINYL FRENCH DOOR & SDLT/(TRSM) (LM)	
PGT Custom Windows and Doors 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	GENERAL NOTES	Sheet	1 OF 12
		DWG	No.
		FD5555DG-LM	
FD-5555			

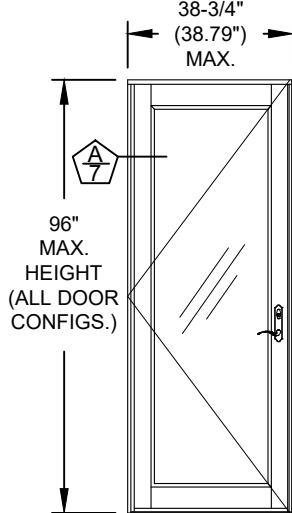


Rev.	B
Date	02/09/26
UPDATE GLASS TYPE 1	

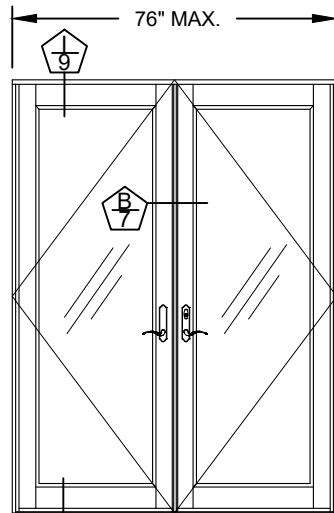
EXAMPLE CONFIGURATIONS



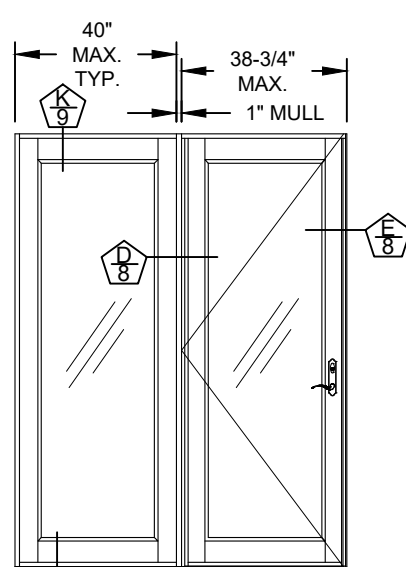
TYP. DOOR SLAB



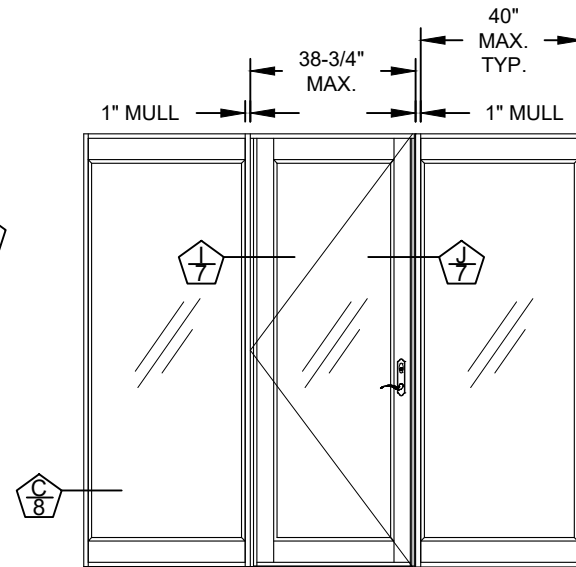
X



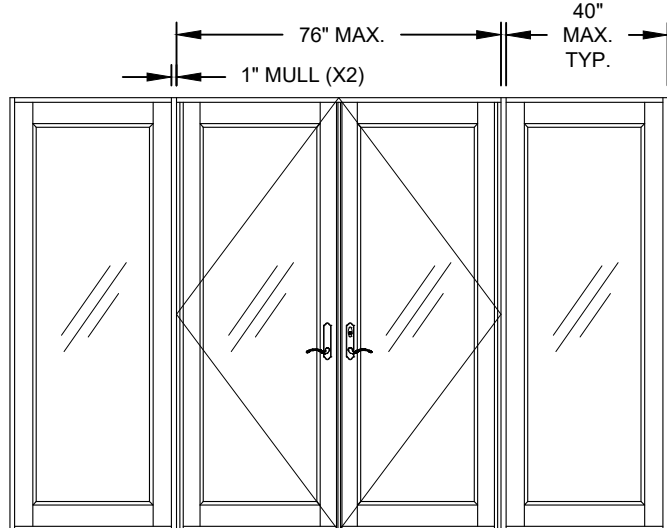
XX



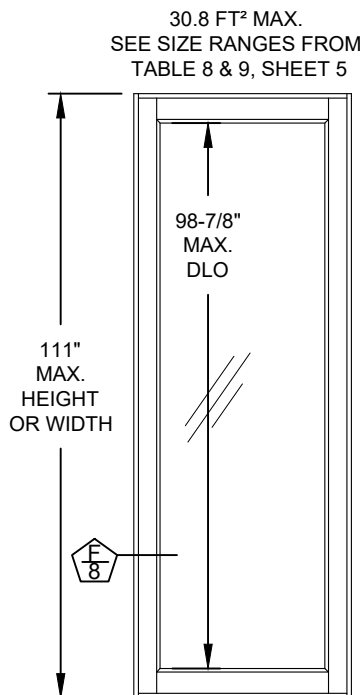
O|X (SHOWN) OR X|O
(WIDE STILES AND WIDE RAILS
SHOWN ON SIDELITES)



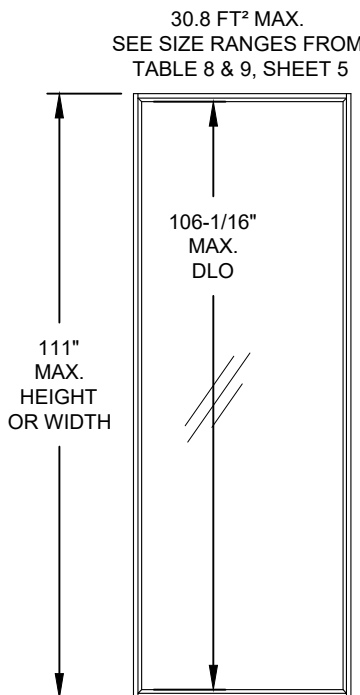
O|X|O
(NARROW STILES AND WIDE
RAILS SHOWN ON SIDELITES)



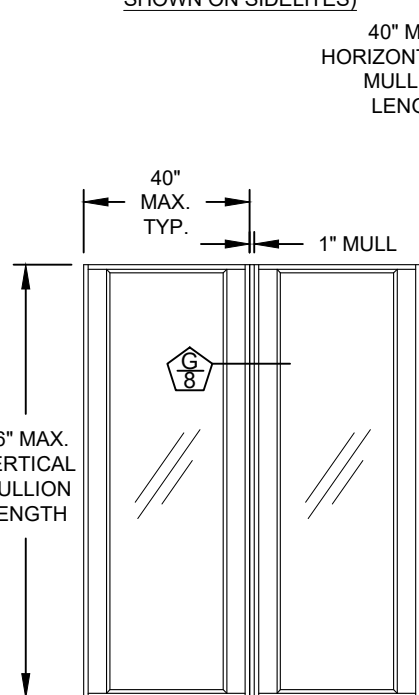
O|XX|O
(WIDE STILES AND WIDE
RAILS SHOWN ON SIDELITES)



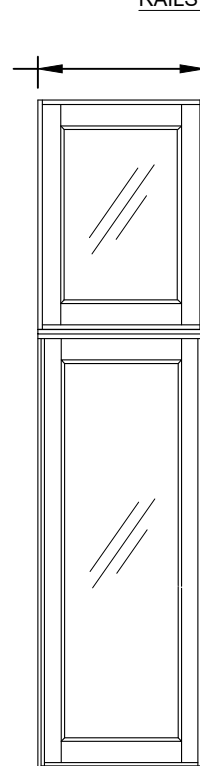
SINGLE O
(WIDE STILES AND WIDE
RAILS SHOWN ON SIDELITES)



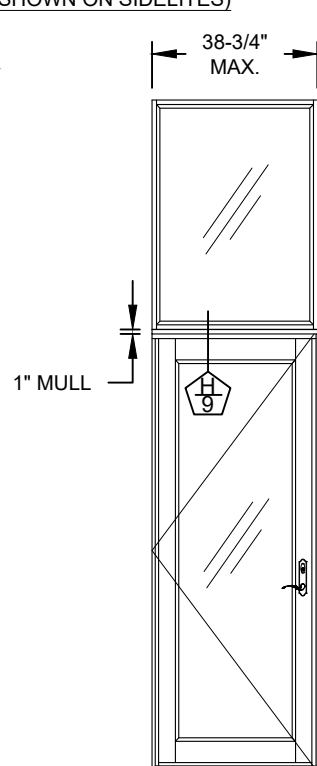
SINGLE O
(NARROW STILES AND NARROW
RAILS SHOWN ON SIDELITES)



O|O (ADDITIONAL MULLED
LITES ALLOWED)
(WIDE STILES AND NARROW
RAILS SHOWN ON SIDELITES)



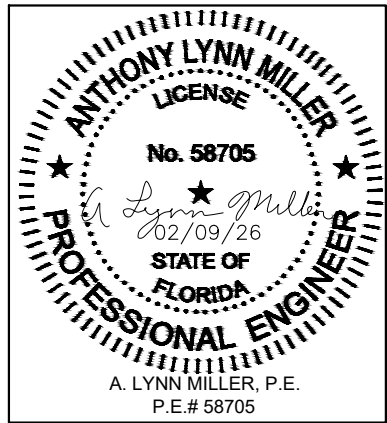
O|O WITH
HORIZONTAL
MULLION
(WIDE STILES AND
WIDE RAILS SHOWN
ON SIDELITE &
TRANSOM)



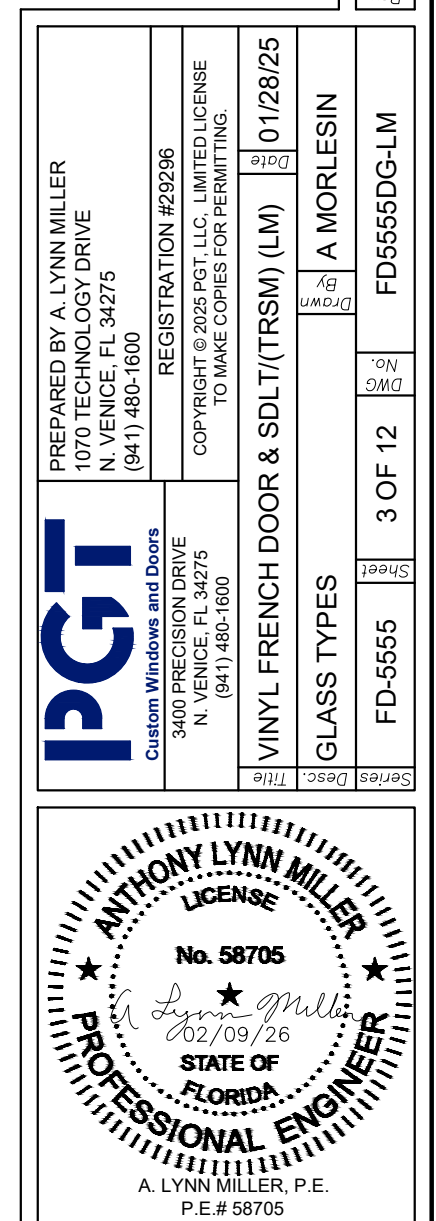
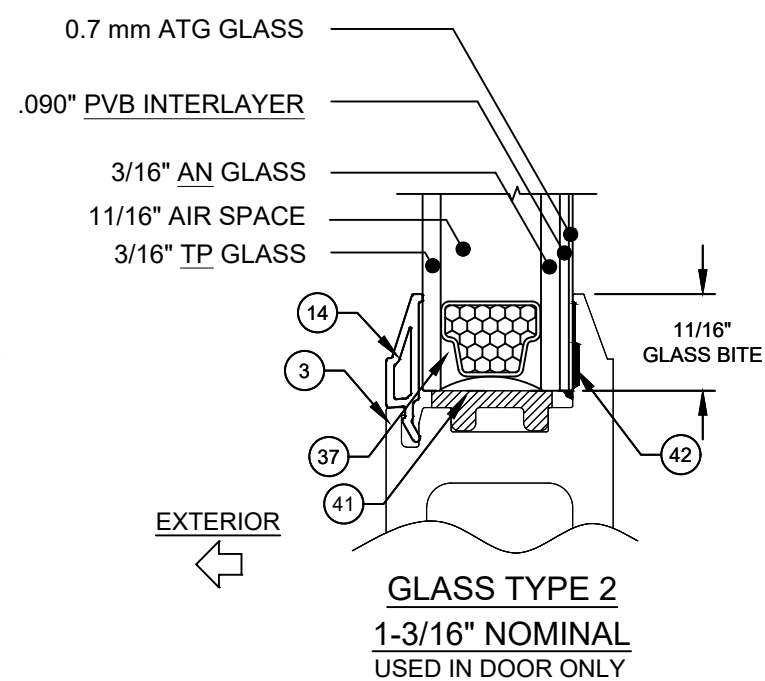
O|X WITH
HORIZONTAL
MULLION
(NARROW STILES
AND NARROW
RAILS SHOWN ON
TRANSOM)

- NOTES:
- 1) SINGLE DOORS MAY BE LEFT OR RIGHT-HANDED.
 - 2) MULLIONS SHOWN ARE STANDARD 1" FRENCH DOOR MULLIONS PER THIS NOA.
 - 3) MULLED CONFIGURATIONS NOT SHOWN MAY BE POSSIBLE USING OTHER MULLION TYPES, SEE SEPARATE NOA.
 - 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 SLT/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.

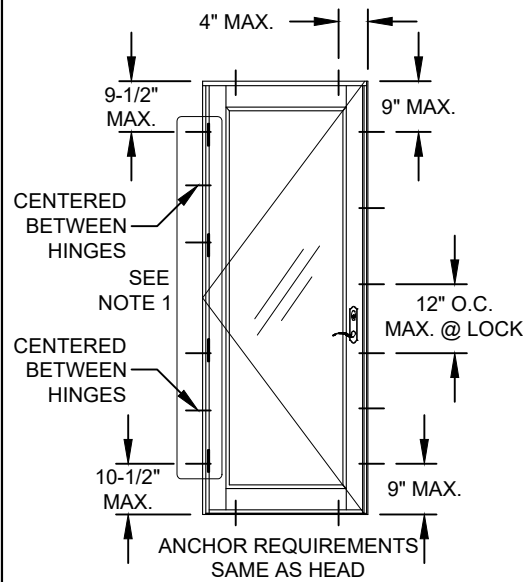
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EXAMPLE CONFIGURATIONS		2 OF 12		FD-5555	
FD-5555		2 OF 12		FD5555DG-LM	



Rev. #	02/09/26	B
Date		
NO CHANGES THIS SHEET		



SINGLE DOOR
INSTALLATION
(X)

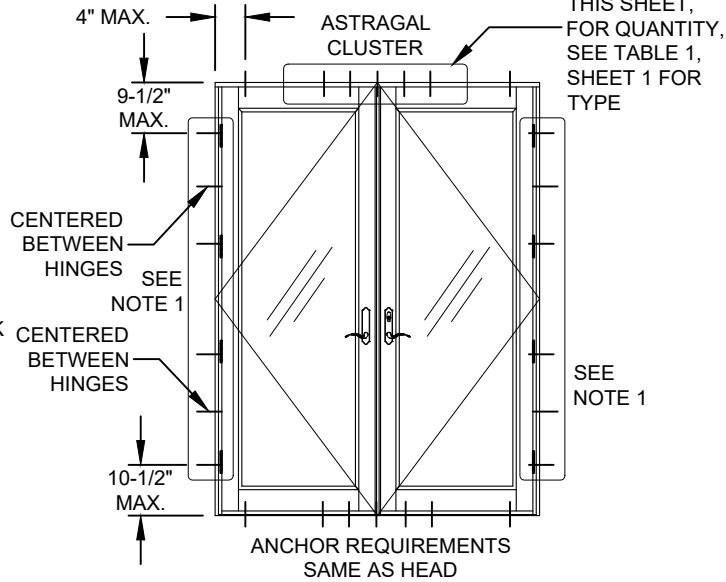


X

TABLE 3:

X & XX Door: Design Pressure	
+/-50.0 PSF	Glass Type 1
+/-70.0 PSF	Glass Type 2

DOUBLE DOOR
INSTALLATION
(XX)



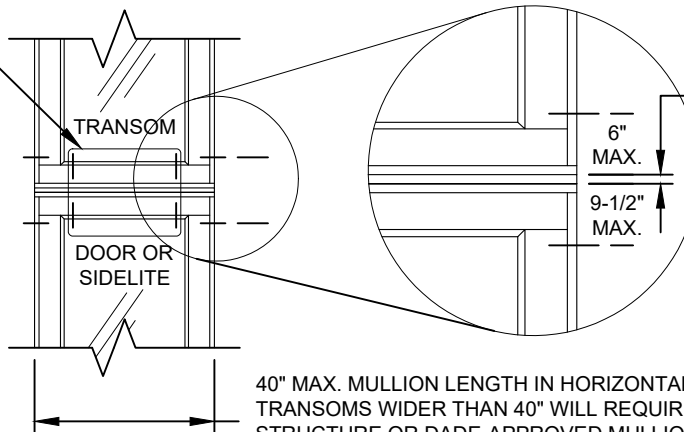
XX, (USING ASTRAGAL)

TABLE 4:

XX Door: Astragal Cluster Anchors Required @ Head & Sill								
Door Height (in)	Door Width (in)							
	48	60	72	76	80	96	120	144
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

ATTACH DOORS, SIDELITES & TRANSOMS TO THE MULLION AS PER THE INSTRUCTION OF THE INDIVIDUAL PRODUCT



40" MAX. MULLION LENGTH IN HORIZONTAL APPLICATIONS. TRANSOMS WIDER THAN 40" WILL REQUIRE ADDITIONAL STRUCTURE OR DADE-APPROVED MULLION BETWEEN TRANSOM AND DOOR/SIDELITE.

TABLE 7:

HORIZONTAL MULLION DESIGN PRESSURE
+/-70.0 PSF

SIDELITE-TO-SIDELITE
MULLION INSTALLATION
(O/O)

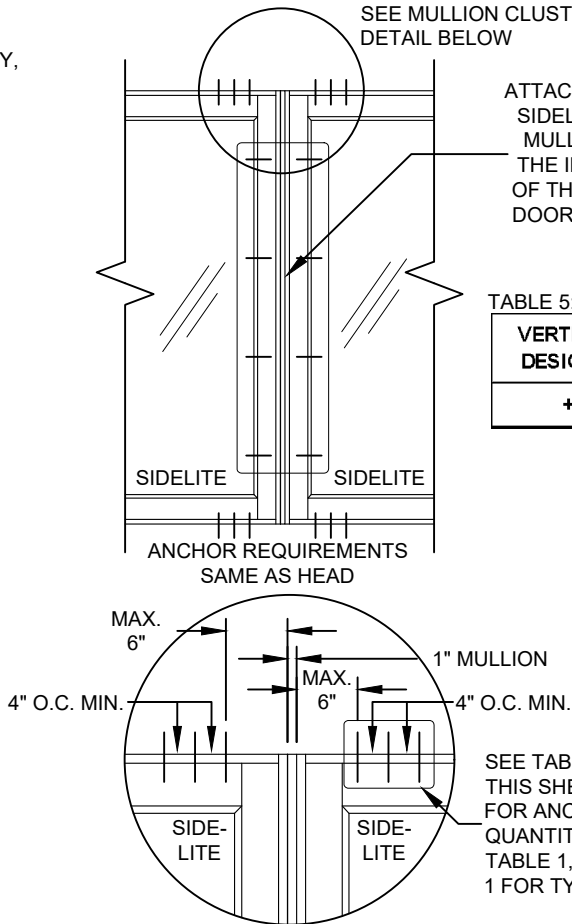


TABLE 6:

		Anchors Required for a Vertical Mullion (each mullion end)											
		Door or Sidelite/Transom Width (in)											
Door	SLT/TR	Mullion Height (in)											
			12	24	32	38-3/4	40	48	60	72	80	96	120
Door	SLT/TR	80	N/A	2	1	2	2	1	3	2	1	3	2
Door	SLT/TR	96	N/A	2	1	3	2	1	3	3	2	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.

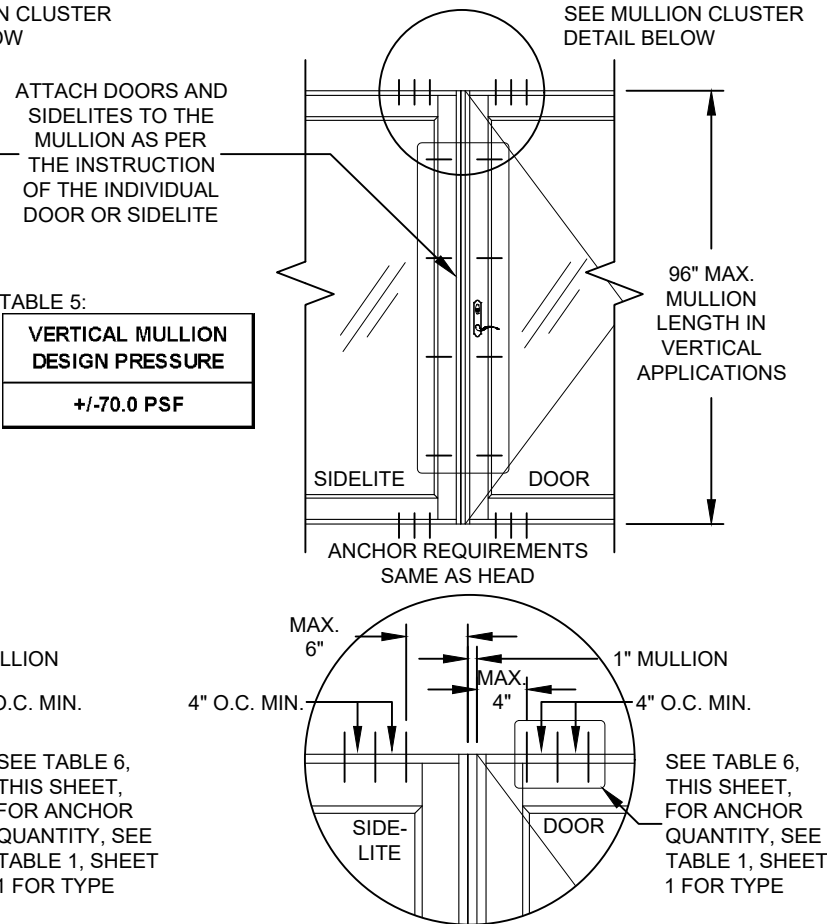
INSTRUCTIONS:

- 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 ULTRA CON 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 NOA. 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.

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



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DP AND ANCHORAGE		4 OF 12		FD-5555	
FD-5555		4 OF 12		FD5555DG-LM	

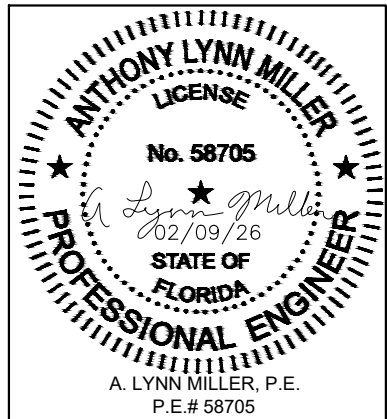
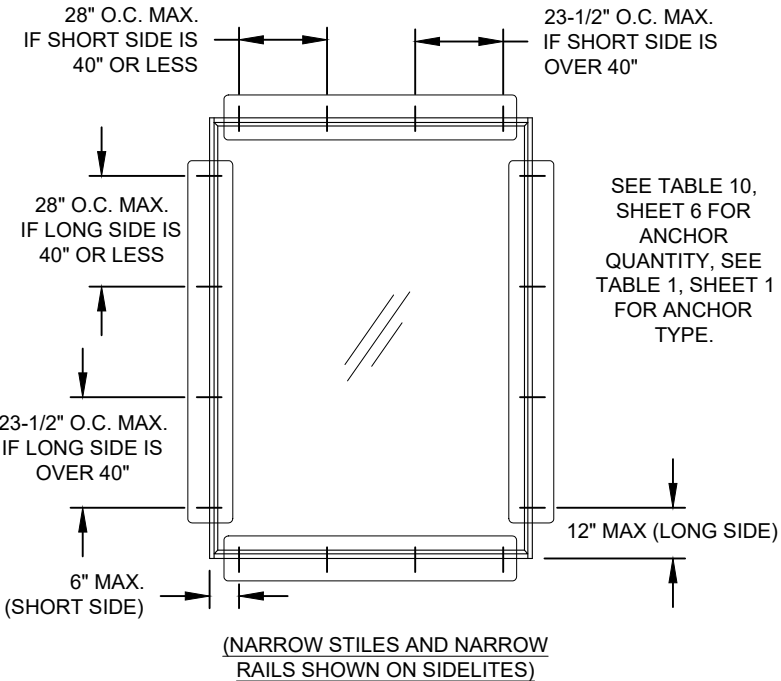
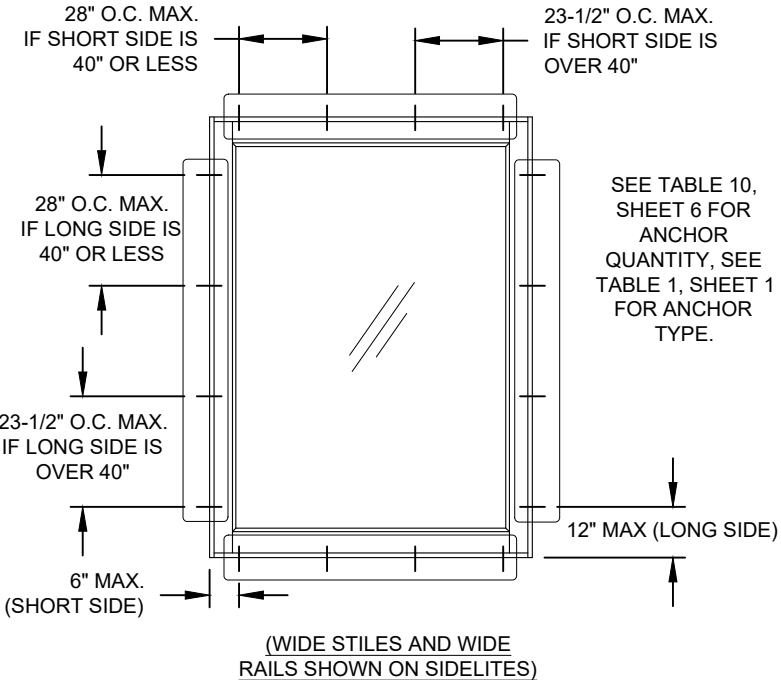


TABLE 8:

		Sidelite/Transom Design Pressure (+/-, psf) for Glass Type 3															
		Long Side (in)															
		63-3/16	66	68	70	72	76	78	82	84	88	92	96	98	104	108	111
Short Side (in)	24	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
	28	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
	32	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
	36	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
	38-3/4	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
	40	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70
	42	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.6	+/-68.5		
	44	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.6	+/-68.6	+/-67.7	+/-67.3			
	46	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.4	+/-68.7	+/-67.6	+/-66.5	+/-65.6				
	48	+/-70	+/-70	+/-70	+/-70	+/-70	+/-69.9	+/-69.1	+/-67.6	+/-67	+/-65.8	+/-64.7					
	50	+/-70	+/-70	+/-70	+/-70	+/-70	+/-68.4	+/-67.6	+/-66	+/-65.4	+/-64.1						
	52	+/-70	+/-70	+/-70	+/-70	+/-69.1	+/-67.1	+/-66.2	+/-64.6	+/-63.9							
	54	+/-70	+/-70	+/-70	+/-69.2	+/-68	+/-65.9	+/-65	+/-63.4								
	56	+/-70	+/-70	+/-69.7	+/-68.3	+/-67.1	+/-64.9	+/-63.9									
	58	+/-70	+/-70	+/-69	+/-67.6	+/-66.3	+/-64										
	60	+/-70	+/-70	+/-68.5	+/-67	+/-65.6											
	62	+/-70	+/-69.8	+/-68	+/-66.5												
	64	+/-70	+/-69.6	+/-67.7													
	66-5/8	+/-69.1	+/-68.9														

- 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.
 - 4) SIDELITE/TRANSOM MUST USE GLASS TYPE 3.

SIDELITE/TRANSOM INSTALLATION (O)



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VINYL FRENCH DOOR & SDLT/(TRSM) (LM)
01/28/25

By
A MORLESIN

SIDELITE DP AND ANCHORAGE

FD-5555

No.
5 OF 12

FD5555DG-LM

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/09/26
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

Rev. #

02/09/26

Date

NO CHANGES THIS SHEET

Rev.

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 Group B	Anchor Groups C-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	2	2	
		Long Side	4	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	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	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	6
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		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	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	
	42	Short Side	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				
		Long Side	5	4	5	4	5	4	5	4	5	4	6	4	6	4	6	4	7	5	7	5	7	5	8	5	8	5	8	6	5					
	44	Short Side	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3						
		Long Side	5	4	5	4	5	4	5	4	6	4	6	4	6	4	7	4	7	5	7	5	7	5	8	5	8	5								
	46	Short Side	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3									
		Long Side	5	4	5	4	5	4	6	4	6	4	6	4	6	4	7	4	7	5	7	5	7	5	8	5										
	48	Short Side	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3											
		Long Side	5	4	5	4	5	4	6	4	6	4	6	4	6	4	7	4	7	5	7	5	7	5												
50	Short Side	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3														
	Long Side	5	4	5	4	5	4	6	4	6	4	6	4	6	4	7	4	7	5	7	5															
52	Short Side	4	3	4	3	4	3	4	3	4	3	3	3	3	3	3	3	3	3																	
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54	Short Side	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3																			
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56	Short Side	4	3	4	3	4	3	4	3	4	3	4	3	4	3																					
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58	Short Side	4	3	4	3	4	3	4	3	4	3	4	3																							
	Long Side	5	4	6	4	6	4	6	4	6	4	6	4																							
60	Short Side	5	4	5	4	5	4	4	4	4	4																									
	Long Side	5	4	6	4	6	4	6	4	6	4																									
62	Short Side	5	4	5	4	5	4	5	4																											
	Long Side	5	4	6	4	6	4	6	4	6	4																									
63-3/16	Short Side	5	4	5	4	5	4																													
	Long Side	5	4	6	4	6	4																													
66-5/8	Short Side	5	4	6	4																															
	Long Side	6	4	6	4																															

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.

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

PGT

Custom Windows and Doors

3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600

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VINYL FRENCH DOOR & SDLT/(TRSM) (LM)

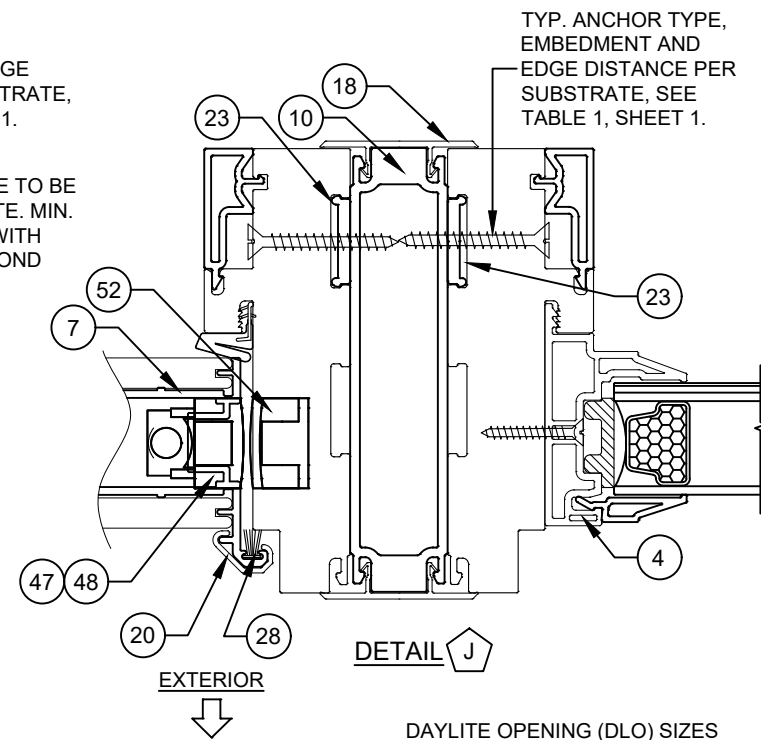
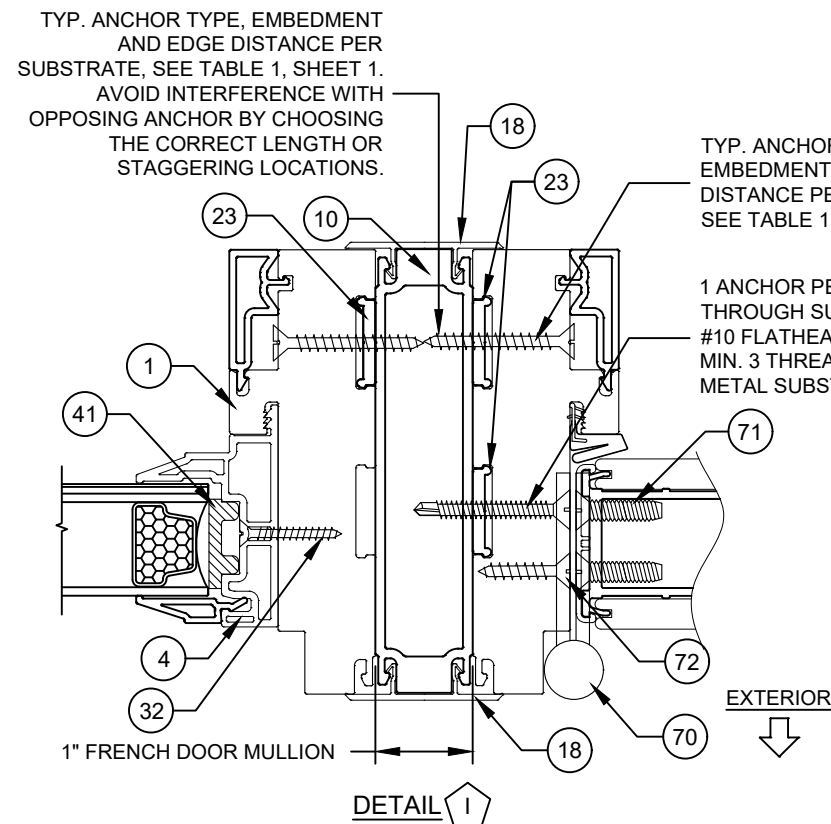
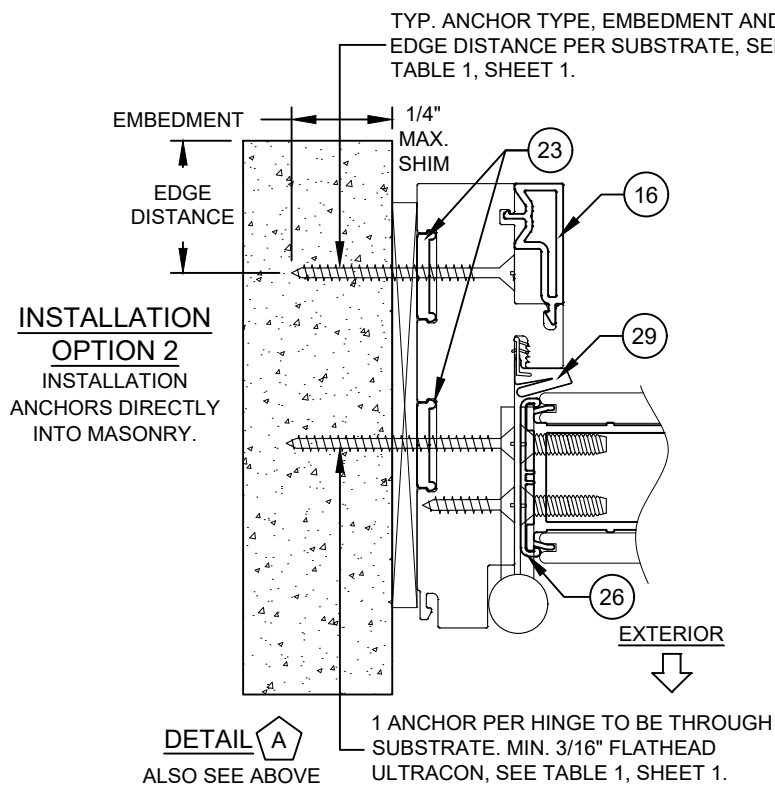
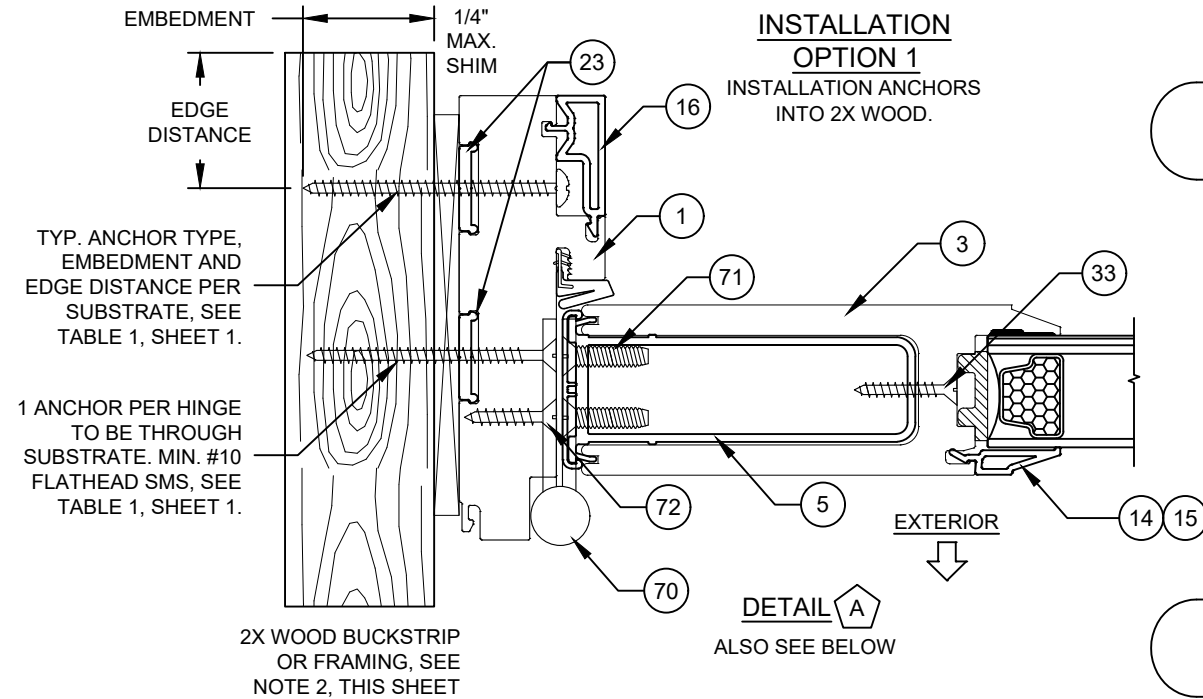
A MORLESIN

SIDELITE ANCHOR QUANTITY

6 OF 12

FD-5555

FD5555DG-LM



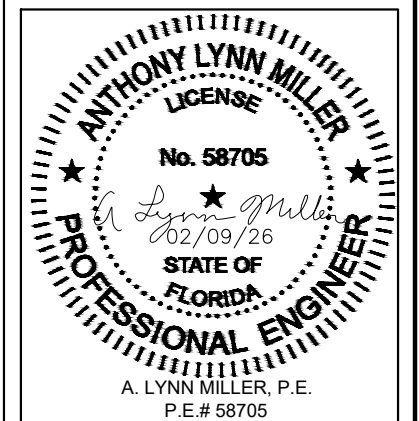
INSTALLATION NOTES:

- 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 BUCKS 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.

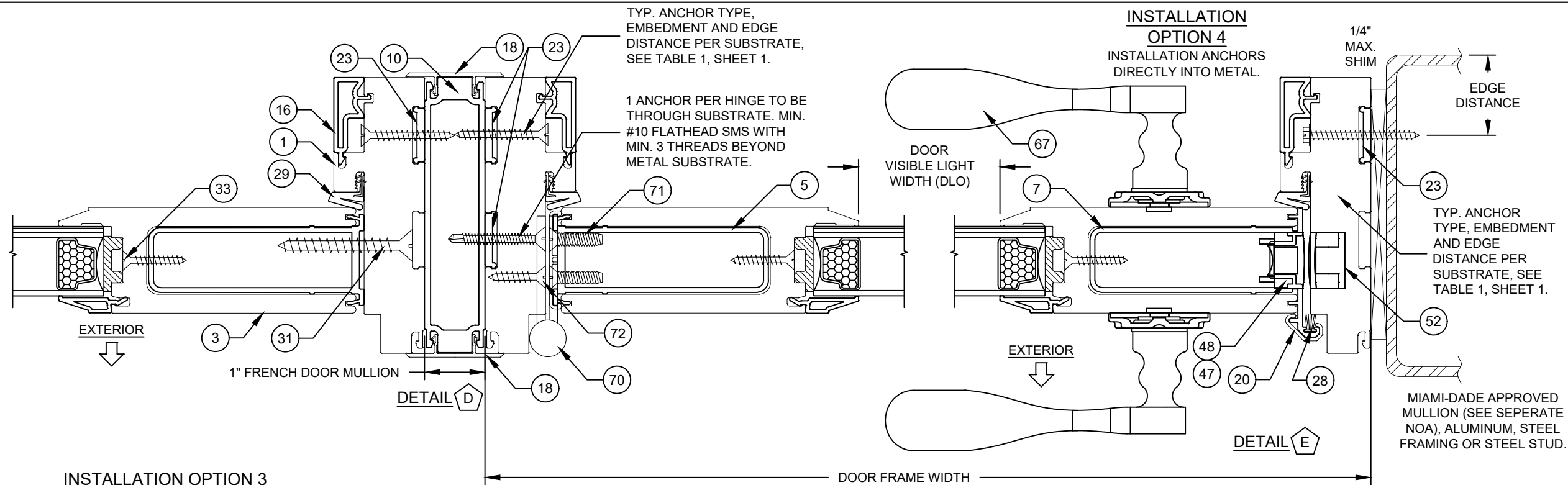
WHEN USING PART # 3: (WIDE RAILS OR STILES)
X DOOR FRAME HEIGHT - 12.1 = DLO HEIGHT
X DOOR FRAME WIDTH - 12.3 = DLO WIDTH
(XX DOOR FRAME HEIGHT) - 12.1 = DLO HEIGHT
(XX DOOR FRAME WIDTH / 2) - 11.5 = DLO WIDTH
SLT/TR FRAME HEIGHT - 12.1 = DLO HEIGHT
SLT/TR FRAME WIDTH - 12.1 = DLO WIDTH

WHEN USING PART # 4: (NARROW RAILS OR STILES)
SLT/TR FRAME HEIGHT - 4.9 = DLO HEIGHT
SLT/TR FRAME WIDTH - 4.9 = DLO WIDTH

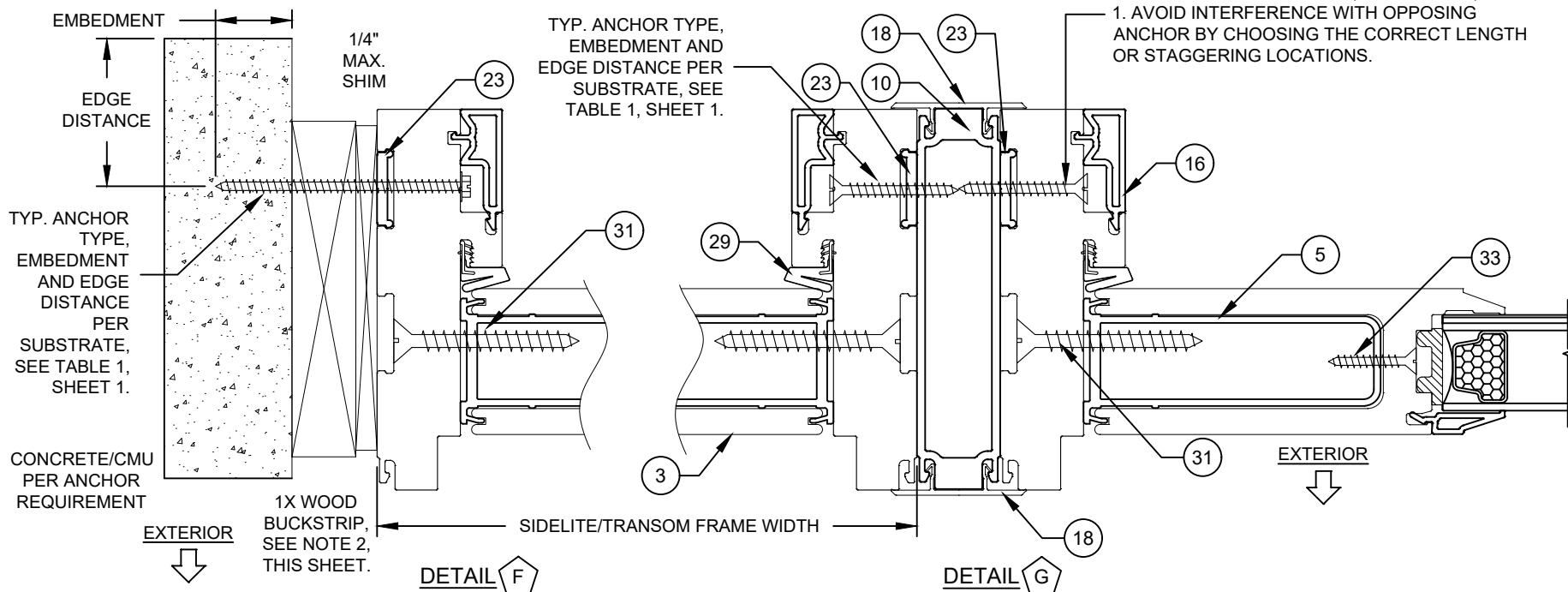
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FD-5555		7 OF 12		FD5555DG-LM	
INSTALLATION DETAILS		By		Date	
Sheet		DWG		Rev.	



Rev. # 02/09/26
Date
NO CHANGES THIS SHEET
Rev.

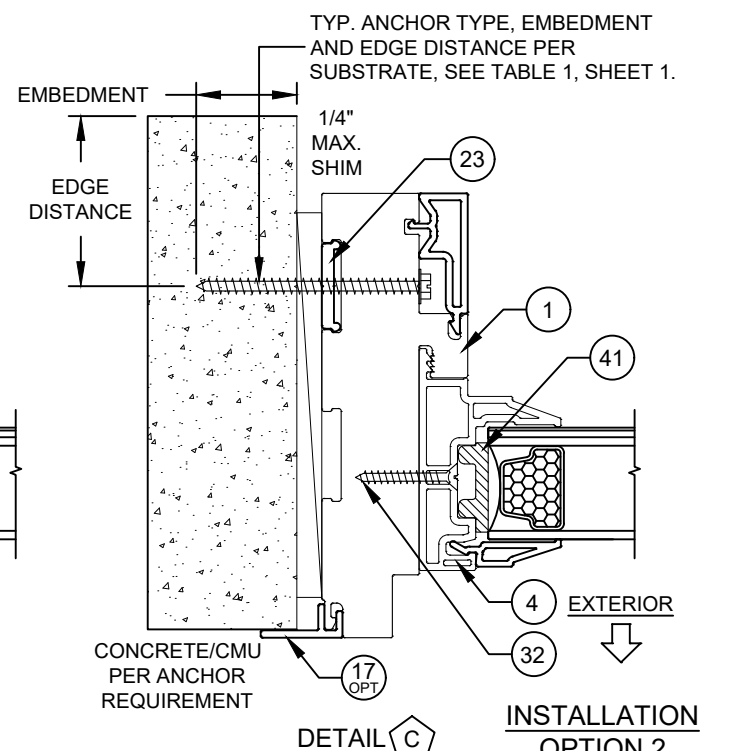


INSTALLATION OPTION 3 INSTALLATION ANCHORS THROUGH 1X BUCKSTRIP INTO MASONRY.

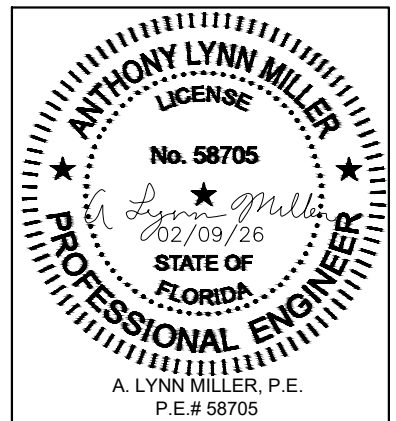


INSTALLATION NOTES:

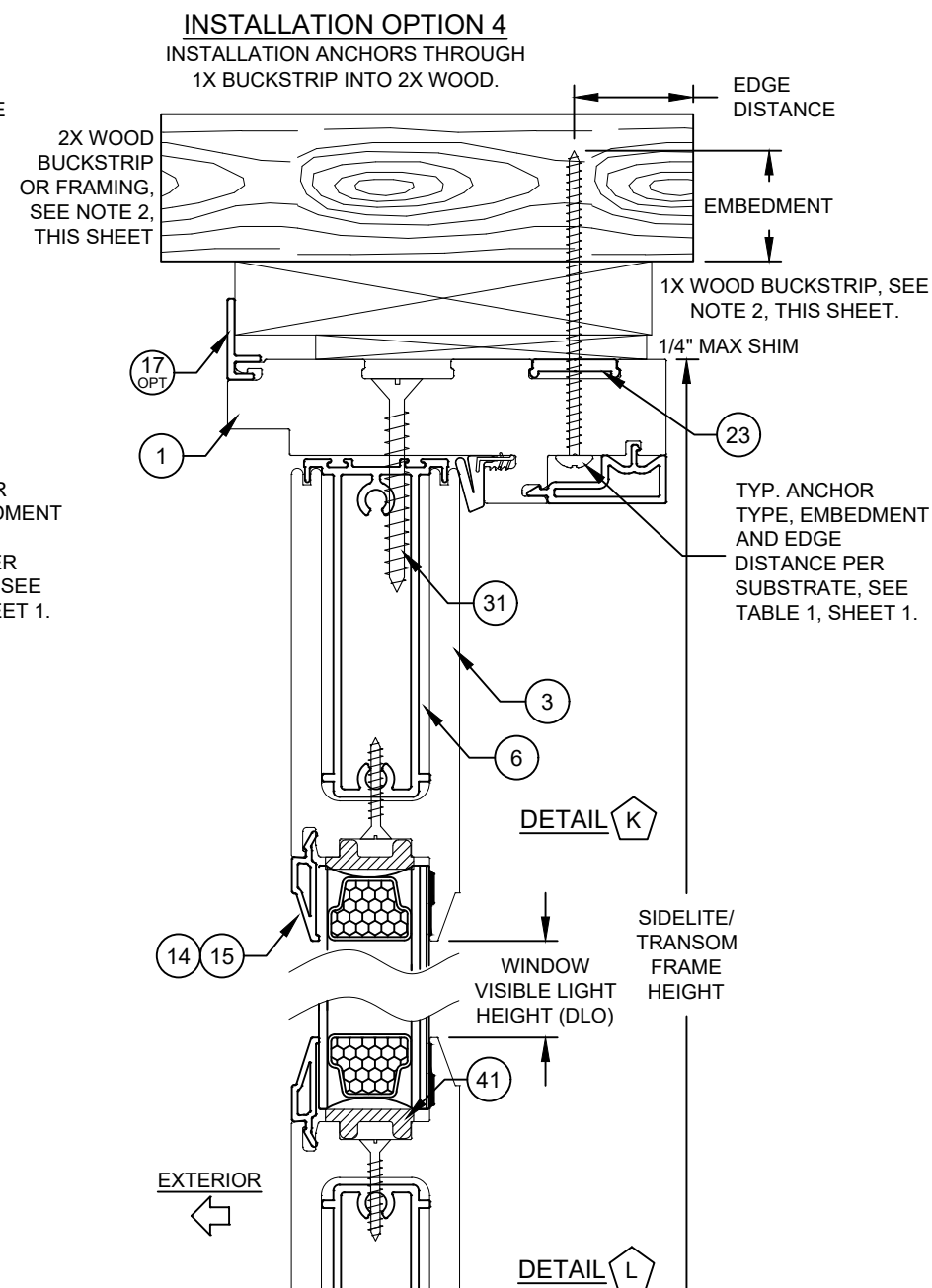
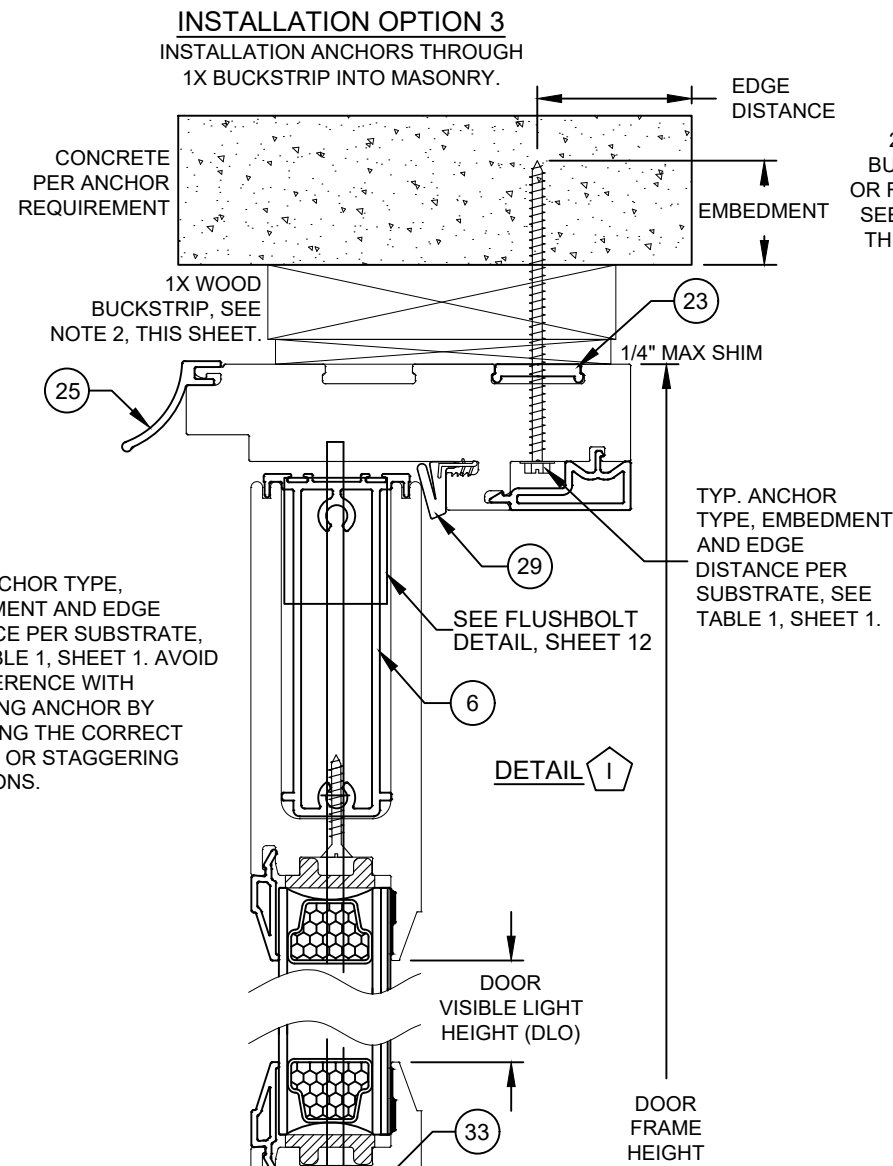
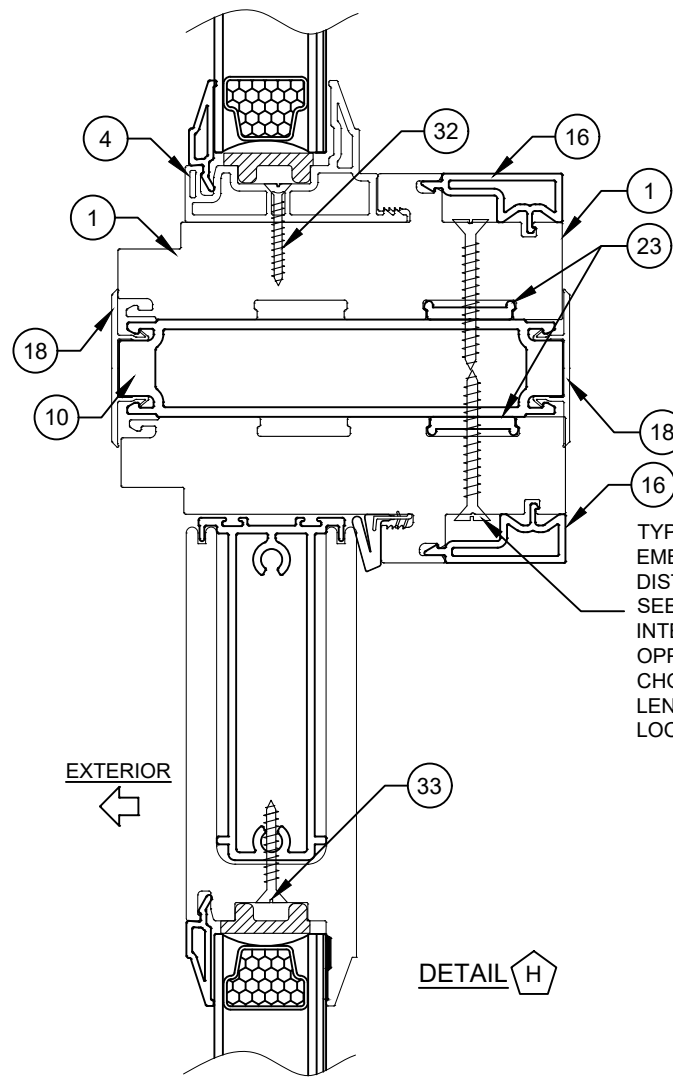
- 1) USE ONLY SUBSTRATE-APPROPRIATE ANCHORS LISTED ON TABLE 1, SHEET 1. FOLLOW EMBEDMENT AND EDGE DISTANCE LIMITS. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE DOOR, SIDELITE OR TRANSOM.
- 2) WOOD BUCKS DEPICTED ON THIS SHEET AS "1X", ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1-1/2". 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.



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FD-5555		8 OF 12		FD5555DG-LM	
INSTALLATION DETAILS		By		Date	
Sheet		DWC		Date	
Title		No.		Date	



Rev.	02/09/26	NO CHANGES THIS SHEET
Date	02/09/26	
Rev.		



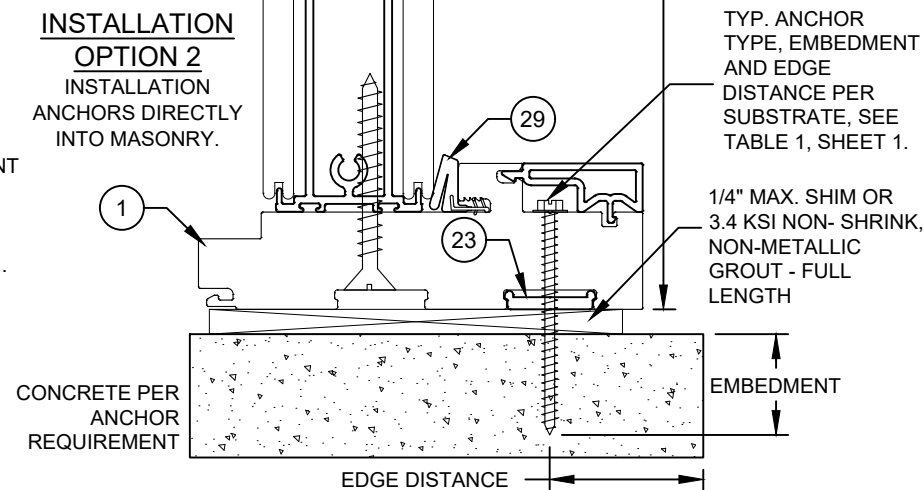
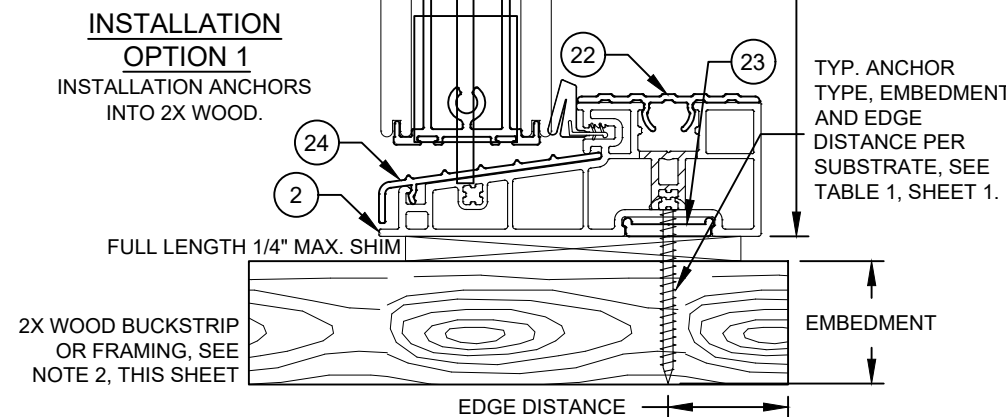
INSTALLATION NOTES:

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.

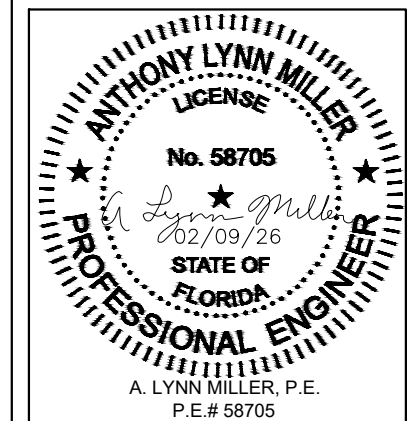
2) WOOD BUCKS DEPICTED ON THIS SHEET AS "1X", ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1-1/2". 1X WOOD BUCKS ARE OPTIONAL IF UNIT CAN BE INSTALLED DIRECTLY TO MASONRY. WOOD BUCKS DEPICTED AS "2X" ARE 1-1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.

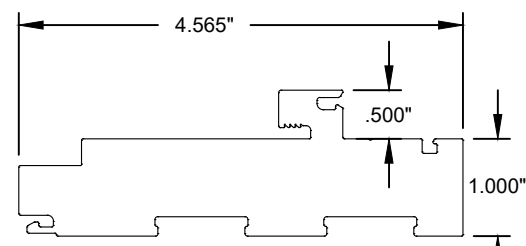
3) FOR ATTACHMENT TO METAL: THE STRUCTURAL MEMBER SHALL BE OF A SIZE TO PROVIDE FULL SUPPORT TO THE FRAME OF THE DOOR, SIDELITE OR TRANSOM.

4) IF APPLICABLE, LOWEST DESIGN PRESSURE FROM DOOR, SIDELITE, TRANSOM OR MULLION APPLIES TO THE WHOLE SYSTEM.

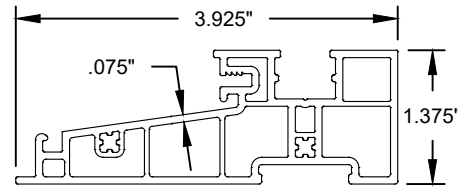


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VINYL FRENCH DOOR & SDLT/(TRSM) (LM)		A MORLESIN Drawn By	9 OF 12 DWG No.	FD5555DGLM Series
INSTALLATION DETAILS		FD-5555 Sheet	9 OF 12	FD5555DGLM

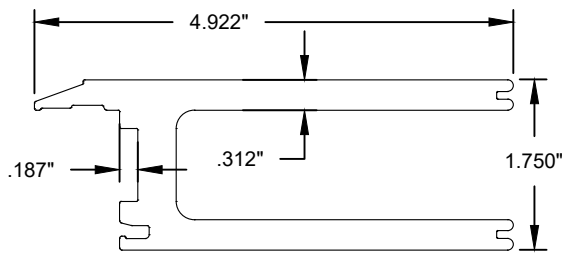




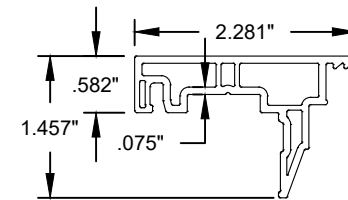
1 **FRAME HEAD & JAMB**
#20000, Rigid Cellular PVC



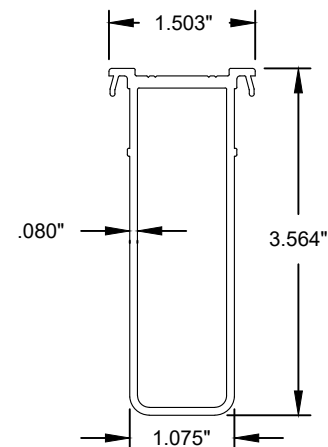
2 **FRAME SILL**
#20001, Rigid PVC



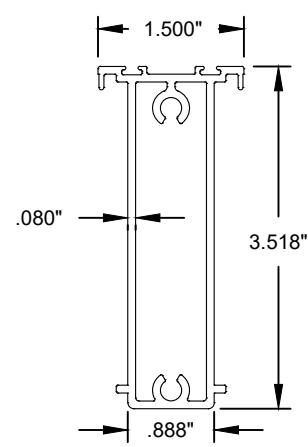
3 **PANEL RAIL & STILE**
#20002, Rigid Cellular PVC



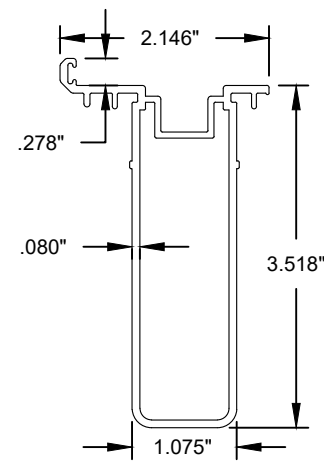
4 **SIDELITE ADAPTER**
#20003, Rigid PVC



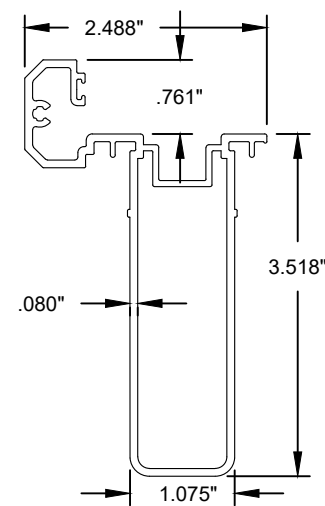
5 **HINGE STILE
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#20013, 6063-T6



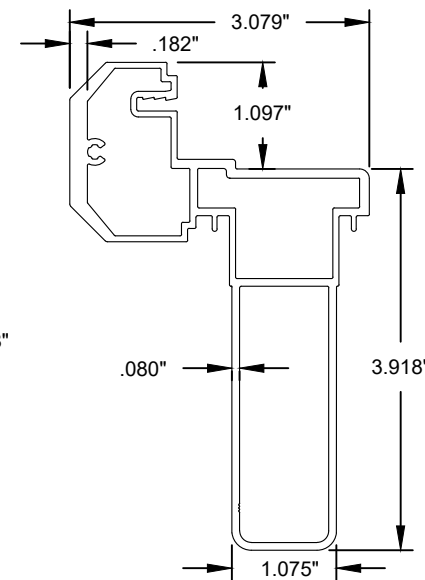
6 **TOP & BOTTOM RAIL
REINFORCEMENT**
#20014, 6063-T6



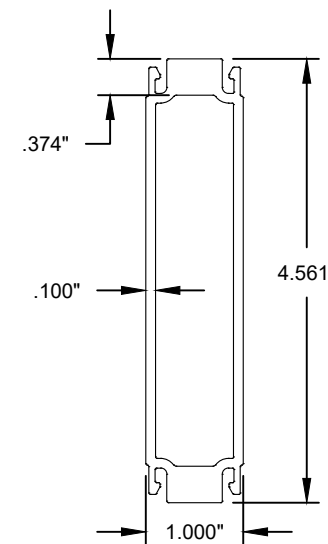
7 **PANEL STILE
REINFORCEMENT**
#20015, 6063-T6



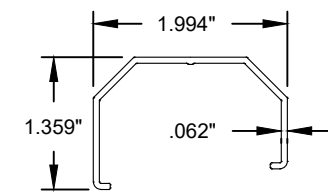
8 **ACTIVE
ASTRAGAL**
#20016, 6063-T6



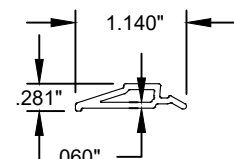
9 **INACTIVE
ASTRAGAL**
#20017, 6063-T6



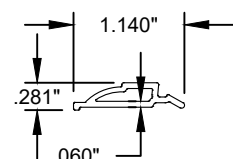
10 **1\" FRENCH
DOOR MULLION**
#20022, 6063-T6



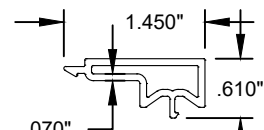
13 **INACTIVE
ASTRAGAL COVER**
#20004, Rigid PVC



14 **BEVELED
BEAD**
#20005, Rigid PVC



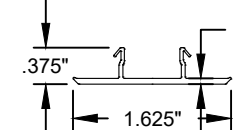
15 **OGEE
BEAD**
#20006, Rigid PVC



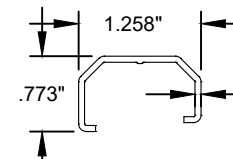
16 **FRAME SCREW
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#20007, Rigid PVC



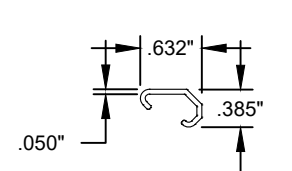
17 **ADD-ON
FIN/FLANGE**
#20008, Rigid PVC



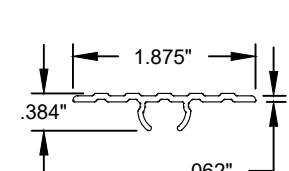
18 **1\" MULLION
CAP**
#20009, Rigid PVC



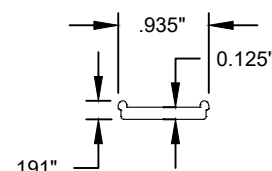
19 **ACTIVE
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#20011, Rigid PVC



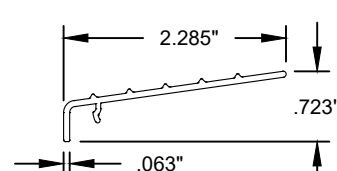
20 **SINGLE DOOR
ASTRAGAL COVER**
#20012, Rigid PVC



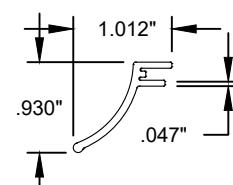
22 **THRESHOLD
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#20057, 6063-T5



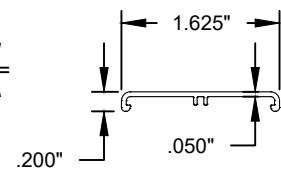
23 **ANCHOR
PLATE**
#19031, 6063-T6



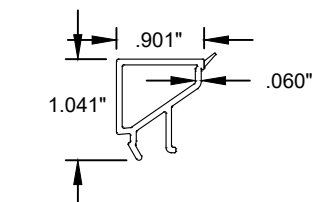
24 **THRESHOLD
CAP**
#20020, 6063-T6



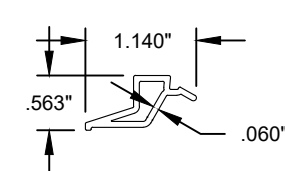
25 **DRIP CAP**
#20021, 6063-T6



26 **HINGE TRIM
COVER**
#20023, Rigid PVC



27 **7/16\" SQUARE
BEAD**
#20047, Rigid PVC



30 **7/8\" BEVELED
BEAD**
#20024, Rigid PVC

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	VINYL FRENCH DOOR & SDLT/(TRSM) (LM)		01/28/25	
	EXTRUSIONS		A MORLESIN	
Series	Desc.	Sheet	DWG	No.
FD-5555	10 OF 12			
FD5555DG-LM				

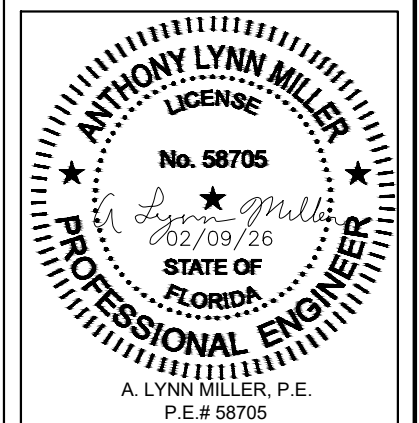
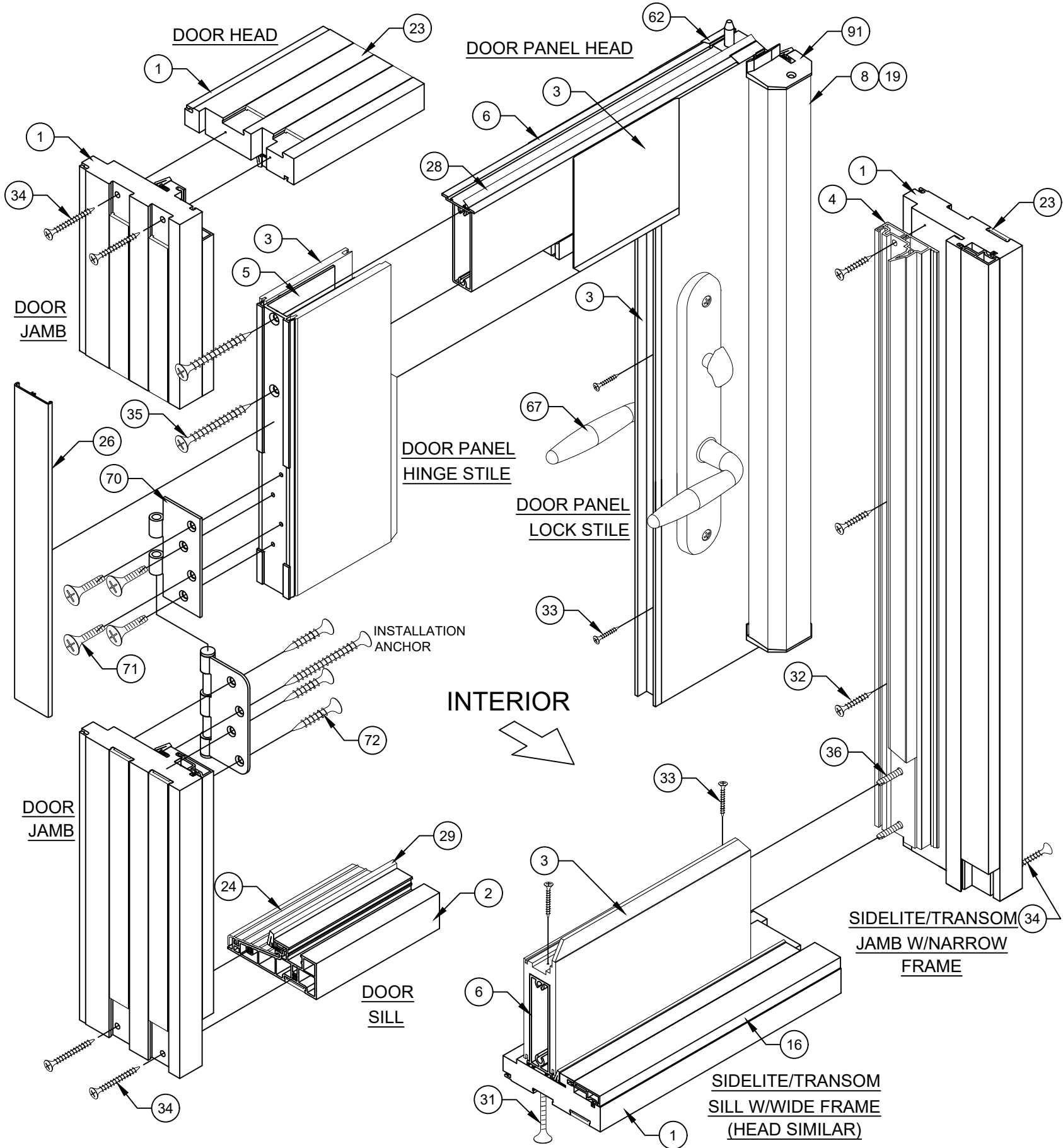
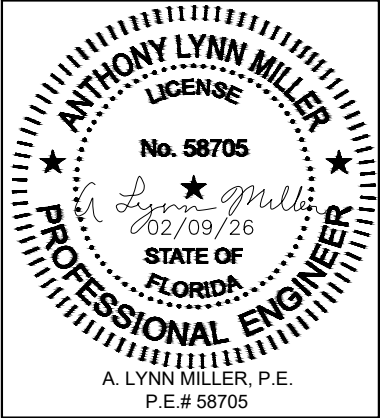


TABLE 10:

#	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	Rigid PVC
9	20017	Inactive Astragal	Rigid PVC
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	20057	Threshold Cover	Alum., 6063-T5
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
27	20047	7/16" Square Bead	Rigid PVC
28		Fin Weatherstrip	
29	1671/3	Frame Weatherstrip	
30	20024	7/8" Beveled Bead	Rigid PVC
31	714FPT410XW	Frame-to-Wide Slab Screw. #14 X 1-1/2" Ph. FH, 16.625" O.C.	Stainless Steel
32	7S101X	Frame-to-Nar. Slab Screw. #10 X 1" Ph. FH, 28" O.C.	Stainless Steel
33	78X1FPT410	Reinforcement Screw. #8 X 1" Ph. FH, 18" O.C.	Stainless Steel
34	710X2FPAX	Frame Assembly Screw. #10 X 2" Ph. FH	Stainless Steel
35	714FPT410XW	W-W Slab Assembly Screw. #14 X 1-1/2" Ph. FH	Stainless Steel
36	71420X2.25	N-W Slab Assembly Screw. #14 X 2-1/4" Ph. FH	Stainless Steel
37		IG Spacer System	Varies
41	20026	Setting Block, 85 +/- 5 duro.	Vinyl
42		Backbedding: Dow-995 or GE-7700 or Dow 791 or Dow 983	Silicone
47 - 73 see Hardware BOM, Table 12, Sheet 12			
90	20033	Inactive Astragal Cap	Acetal
91	20035	Active Astragal Cap	Acetal

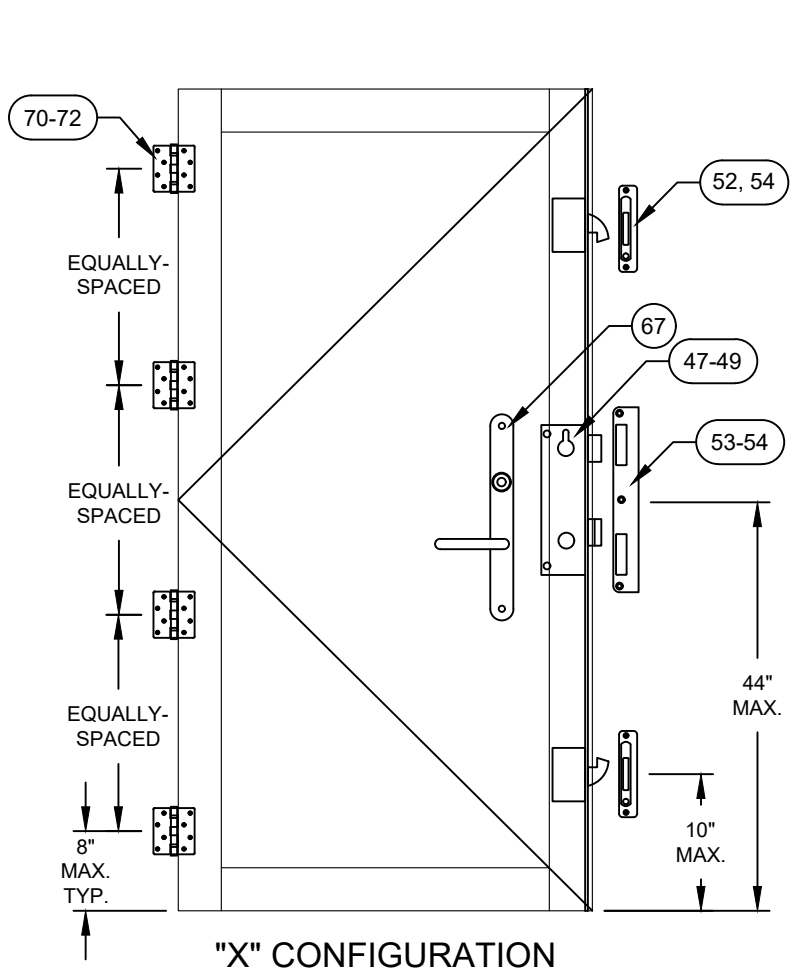


PGT Custom Windows and Doors 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296 COPYRIGHT © 2025 PGT, LLC. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	
	VINYL FRENCH DOOR & SIDLITE/TRANSOM (LM)		01/28/25	
BOM & ASSEMBLY DETAILS		A MORLESIN		FD-5555
11 OF 12		DWG		FD5555DGLM

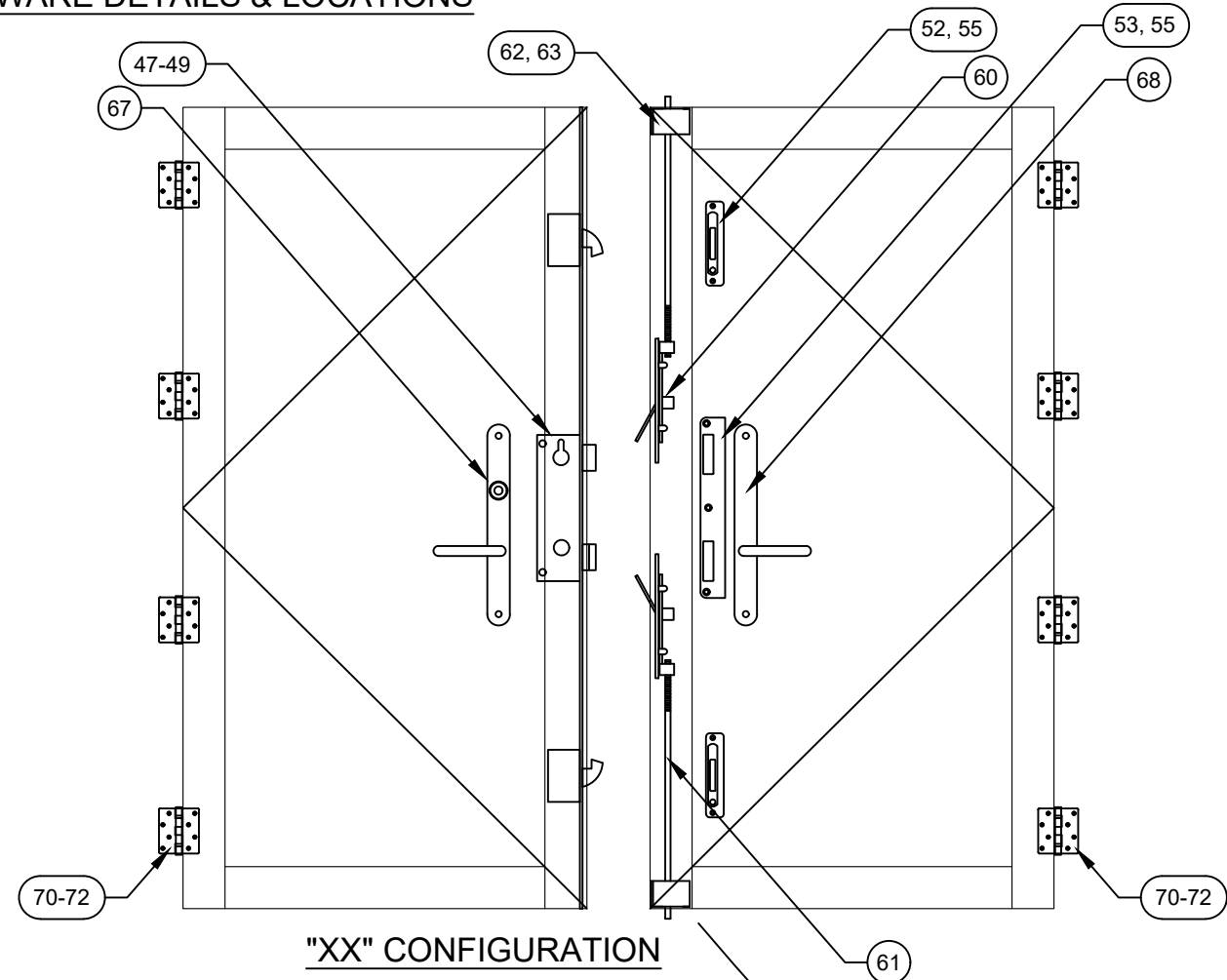


HARDWARE DETAILS & LOCATIONS

Rev. # 02/09/26
Date
NO CHANGES THIS SHEET
Rev. B



"X" CONFIGURATION

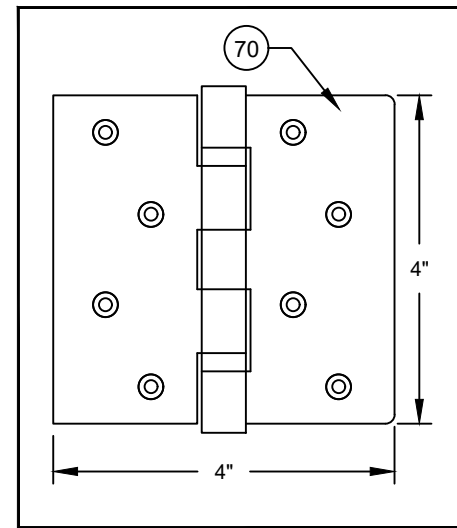


"XX" CONFIGURATION

TABLE 11:

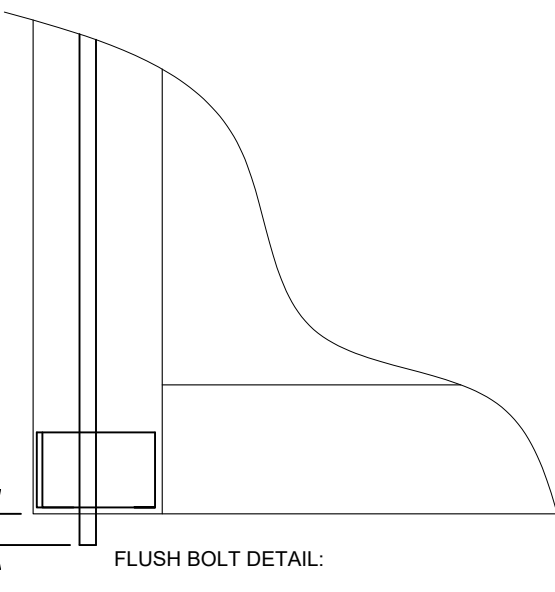
#	PGT Part #	Description	Material
47	666032701	P3000 3-PT Rhino Lock (6'8"), Amesbury Inc.	Stainless Steel
48	666032702	P3000 3-PT Rhino Lock (over 6'8"), Amesbury Inc.	Stainless Steel
49	71032X1FPFX	Rhino Lock Screw: 10-32 X 1" Phil. FH	Stainless Steel
52	20027	Adjustable Strike Plate Assembly, Amesbury Inc.	Stainless Steel
53	20028	Center Strike Plate Assembly, Amesbury Inc.	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 Guide (XX)	
63	7832X12FPXP	Flush Bolt Guide Screw: 8-32 X 1/2" Phil. FH	
64	48033N	Guide Pin (XX)	
65	78036	Flush Bolt Strike Plate (XX), Amesbury Inc.	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, Amesbury Inc.	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:



9/16" BEYOND PANEL

FLUSH BOLT DETAIL:



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1070 TECHNOLOGY DRIVE
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FD-5555
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12 OF 12
DWG
Sheet

01/28/25
Date
By

12 OF 12
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