

1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE, (FBC), 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 A. 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) 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.

3) SHIMS ARE REQUIRED AT EACH ANCHOR LOCATIONS 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.

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

7) DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS OF THE FBC, AS APPLICABLE. ALL CONFIGURATIONS SHOWN ARE AVAILABLE AS MULTIPLE PANELS AND IN POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS. MAXIMUM OVERALL FRAME SQUARE FOOTAGE IS 544.32 FT².

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ANCHOR SPACING.....	30-32
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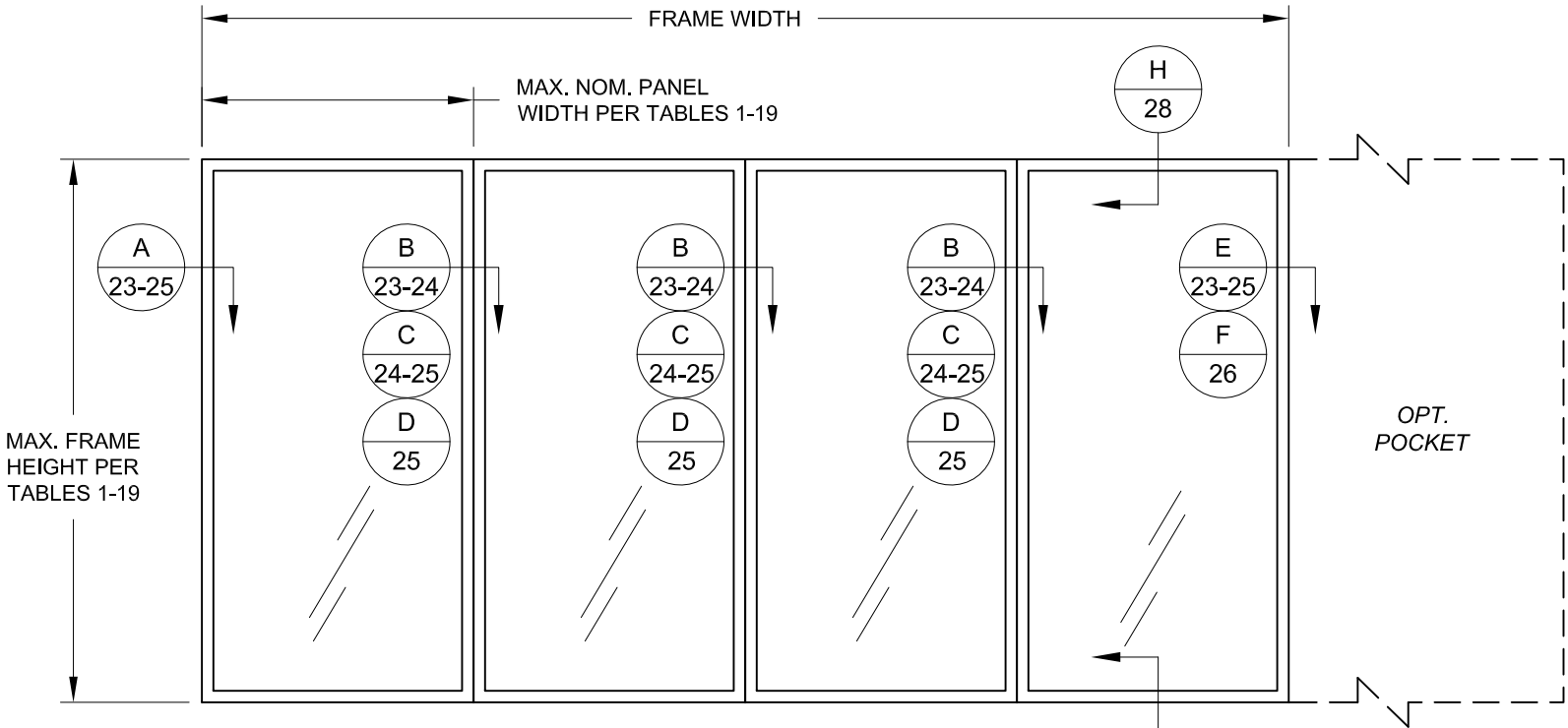
DESIGN PRESSURES..... 3-21 REVISIONS:

- | | | |
|------------------------|-------|--|
| GLAZING DETAILS..... | 22 | 1) ADDED SHEETS 31 & 32. |
| INSTALL. DETAILS..... | 23-28 | 2) ADDITIONAL ANCHOR CLUSTER LAYOUTS ON SHEETS 30-32. |
| ANCHOR LOCATIONS..... | 29 | 3) ADDED SETTING BLOCKS TO SHEET 28. |
| ANCHOR SPACING..... | 30-32 | 5) REMOVED OPTIONAL FRAME ANCHOR LOCATIONS. |
| EXTRUSIONS..... | 33-35 | 6) CLARIFIED CORNER ANCHOR DISTANCE ON SHEET 29. |
| BILL OF MATERIALS..... | 35 | 7) ADDED GLASS TYPES 9-12 (1/4" TP CAP) TO DP TABLES AND SHEET 22. |

ALSO SEE LIST OF TABLES ON SHEET 2.

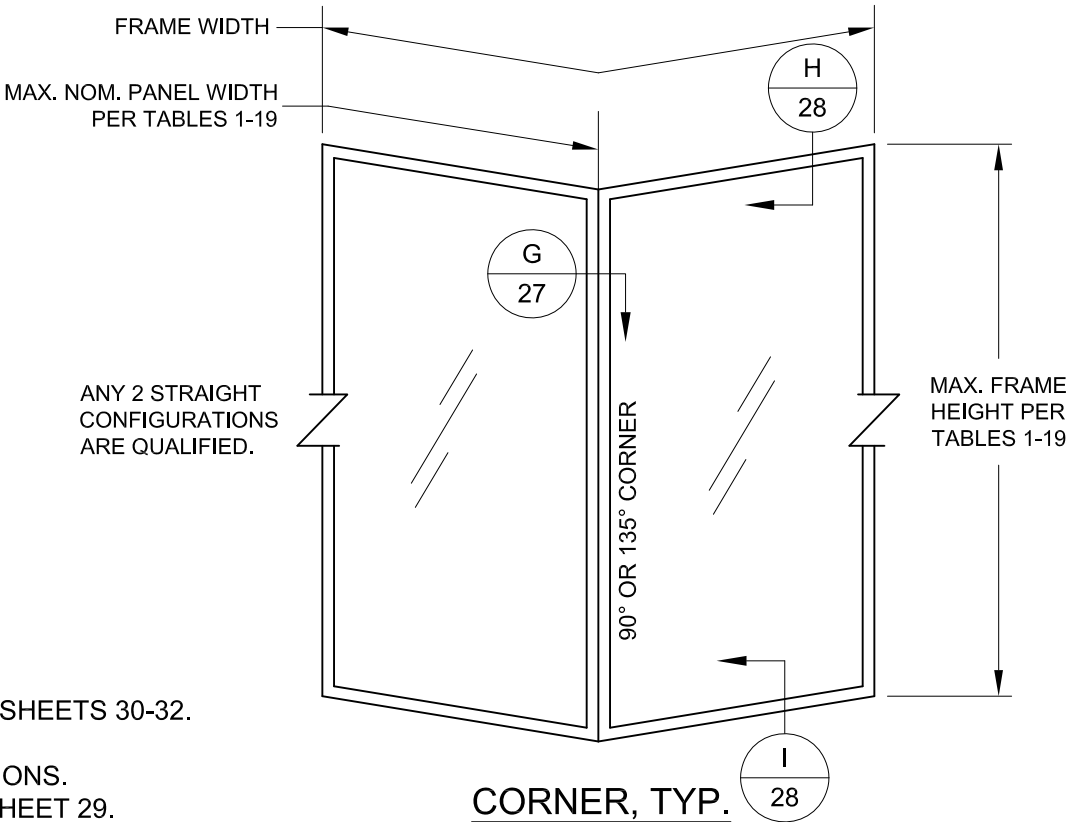
FLORIDA PRODUCT APPROVAL #16755

DESIGN PRESSURE RATING	IMPACT RATING
SEE TABLES 1 - 19	RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE



4-PANEL CONFIGURATION, TYP.

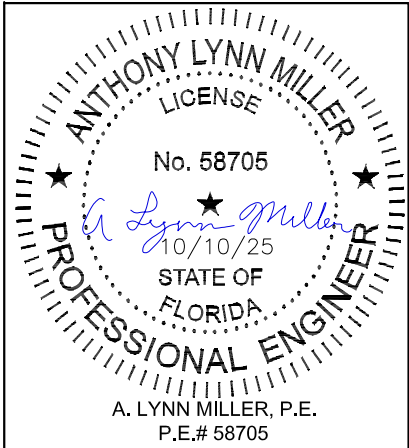
ADDITIONAL PANELS/CONFIGURATIONS ALLOWED



CORNER, TYP.

OUTSIDE CORNER SHOWN,
INSIDE CORNER SIMILAR.

 WINDOOR		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	
		WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432	
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ALUMINUM SLIDING GLASS DOOR (LM)	Date	07/10/22	
ELEVATION & GENERAL NOTES		Drawn By	JENS ROSOWSKI
SGD8100A	Sheet	1 OF 35	DWG No.
8100FPA-LM-3			



Rev.	SEE "REVISIONS" SHEET 1-JR	Date	10/10/25	Rev.#	F
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TABLE A:

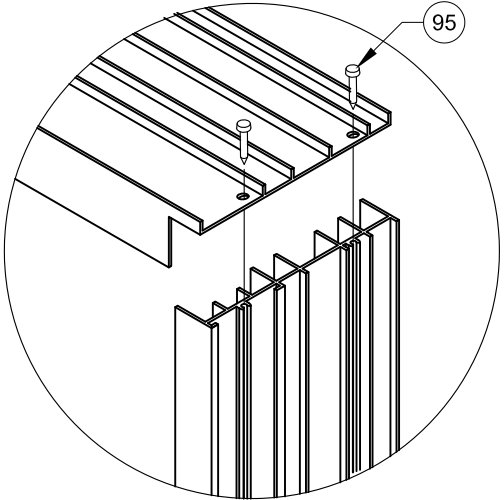
Anchor Group	Anchor Type	Substrate	Frame Member	Min. Edge Distance	Min. O.C. Distance	Min. Embedment or Metal Thickness
A	#14 Steel SMS (Gr. 5) or #14 SS SMS	Southern Pine (SG = 0.55)	All	5/8"	1"	1-3/8"
		6063-T5 Aluminum	All	3/8"	1"	0.071"
		A36 Steel	All	3/8"	1"	0.050"
		Steel Stud, Gr. 33	All	3/8"	1"	0.045" (18 Ga)
	1/4" DeWalt UltraCon+	Southern Pine (SG = 0.55)	All	1"	1"	1-3/8"
	1/4" 410 SS Elco CreteFlex	Southern Pine (SG = 0.55)	All	1"	1"	1-3/8"
	1/4" DeWalt UltraCon+	Concrete (min. 3.0 ksi)	All	1-1/2"	1-1/2"	1-3/4"
		Hollow or Grout-filled CMU (ASTM C90)	Jamb	1-1/2"	2-3/16"	1-1/4"
Hollow or Grout-filled CMU (ASTM C90)		Hookstrip	1-1/2"	2-3/16"	1-1/4"	
B	1/4" DeWalt UltraCon+	Concrete (min. 3.0 ksi)	All	2-1/2"	1-1/2"	1-3/4"
		Hollow or Grout-filled CMU (ASTM C90)	Jamb	2-1/2"	2-3/16"	1-1/4"
		Hollow or Grout-filled CMU (ASTM C90)	Hookstrip	2-1/2"	2"	1-1/4"
	1/4" 410 SS Elco CreteFlex	Concrete (min. 3.35 ksi)	All	2-1/2"	2"	1-3/4"
		Hollow or Grout-filled CMU (ASTM C90)	Jamb	2-1/2"	2-3/16"	1-1/4"
		Hollow or Grout-filled CMU (ASTM C90)	Hookstrip	2-1/2"	2"	1-1/4"

- 1) WHERE SUBSTRATE CONDITIONS REQUIRE ANCHORAGE FROM MORE THAN ONE ANCHOR GROUP, CHOOSE THE ANCHOR GROUP THAT REQUIRES THE GREATEST QUANTITY OF ANCHORS IN TABLES 1-19.
- 2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.
- 3) ANCHORS MUST BE OF SUFFICIENT LENGTH SO THAT A MINIMUM OF 3 THREADS EXTEND BEYOND METAL SUBSTRATE.

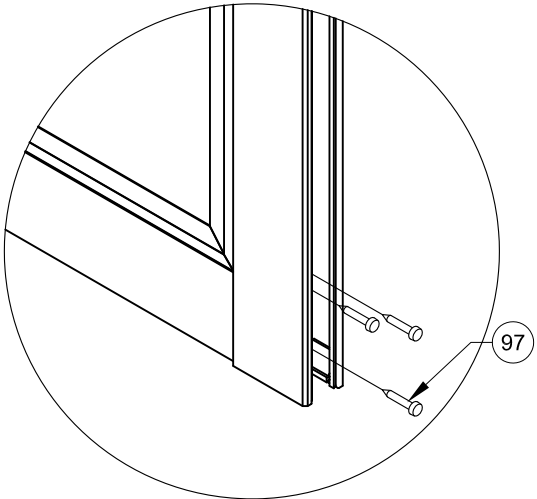
TABLE B:

Index to DP/Anchor Quantity Tables					
Table #	Sheet #	Door Configuration Angle:	Glass Types:	Interlock Type:	Stile Reinf. Required:
1	3	0°	3, 4, 5, 6, 10 & 11	Standard	Yes
2	4	90°	3, 4, 5, 6, 10 & 11	Standard	Yes
3	5	135°	3, 4, 5, 6, 10 & 11	Standard	Yes
4	6	0°	1, 2 & 9	Standard	No
5	7	0°, 90° or 135°	3, 4, 5, 6, 10 & 11	Standard	No
6	8	0°	5, 6 & 11	Standard	Yes, Dbl.
7	9	0°	1, 2 & 9	Narrow	No
8	10	0°	3, 4, 5, 6, 10 & 11	Narrow	Yes*
9	11	90° or 135°	1, 2 & 9	Narrow	Yes*
10	12	90° or 135°	3, 4, 5, 6, 10 & 11	Narrow	Yes*
11	13	0°, 90° or 135°	3, 4, 5, 6, 10 & 11	Narrow	No
12	14	0°	7, 8 & 12	Standard	No
13	15	90° or 135°	7, 8 & 12	Standard	No
14	16	0° or 90°	7, 8 & 12	Standard	Yes
15	17	135°	7, 8 & 12	Standard	Yes
16	18	0°	7, 8 & 12	Narrow	No
17	19	90° or 135°	7, 8 & 12	Narrow	No
18	20	0°	7, 8 & 12	Narrow	Yes*
19	21	90° or 135°	7, 8 & 12	Narrow	Yes*

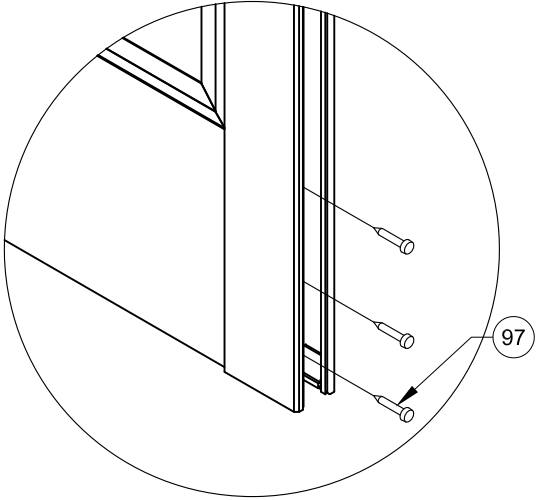
* REINFORCEMENT
REQUIRED IN
STILES OTHER
THAN THE NARROW
INTERLOCK STILE.



FRAME CORNER ASSEMBLY
2 TRACK SHOWN, OTHERS SIMILAR



PANEL CORNER ASSEMBLY
STANDARD BOTTOM RAIL



PANEL CORNER ASSEMBLY
TALL BOTTOM RAIL

PREPARED BY A. LYNN MILLER
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ALUMINUM SLIDING GLASS DOOR (LM)

ANCHOR TYPES/ TABLE INDEX

ANCHOR TYPES/ TABLE INDEX

SGD8100A

2 OF 35

8100FPA-LM-3

07/10/22

JENS ROSOWSKI

Rev. #

10/10/25

Rev.

SEE "REVISIONS" SHEET 1-JR

F

WINDOOR

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/10/25
STATE OF
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PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 1:

0° Configuration Reinforced Stiles Glass: 3, 4, 5, 6, 10, 11		Design Pressure and Anchor Quantities Required																																			
		Nominal Panel Width / Panel DLO Width / Anchor Location																																			
Standard Interlock:		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)				78" (Nom.)				84" (Nom.)			
		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)				64-5/16" (DLO)				70-5/16" (DLO)				76-5/16" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+125.3/-150				+125.3/-150				+125.3/-150				+125.3/-150				+125.3/-150				+125.3/-145.8				+125.3/-136.3				+120/-120				+117.6/-117.6			
80"	A	2	6	10	6	4	8	10	7	4	8	10	7	4	8	10	8	6	8	10	8	6	8	10	8	6	8	10	8	8	8	10	7	8	8	10	7
	B	2	6	10	6	2	6	10	6	4	6	10	7	4	6	10	7	4	6	10	7	6	6	10	7	6	6	10	7	6	6	10	6	6	6	10	6
Design Pressure:		+125.3/-150				+125.3/-150				+125.3/-150				+125.3/-150				+125.3/-149.3				+125.3/-137.9				+120/-120				+119.9/-119.9				+113/-113			
84"	A	2	8	10	7	4	8	10	7	4	8	10	8	4	8	10	8	6	10	10	9	6	8	10	8	6	8	10	8	8	8	10	8	8	8	10	7
	B	2	6	10	6	2	6	10	7	4	6	10	7	4	8	10	8	4	8	10	8	4	8	10	8	6	6	10	7	6	6	10	7	6	6	10	7
Design Pressure:		+125.3/-150				+125.3/-150				+125.3/-150				+125.3/-148.8				+125.3/-139				+114.8/-114.8				+111.1/-111.1				+108.6/-108.6							
90"	A	2	8	10	7	4	8	10	8	4	10	10	9	4	10	12	9	6	10	12	9	6	8	10	8	6	8	10	8	6	8	10	8				
	B	2	6	10	6	2	6	10	7	4	8	10	8	4	8	10	8	4	8	10	8	4	6	10	7	4	6	10	7	6	6	10	7				
Design Pressure:		+125.3/-150				+125.3/-150				+125.3/-142.7				+125.3/-132.2				+110/-110				+100.7/-100.7				+96.8/-96.8											
98"	A	2	8	12	8	4	10	12	9	4	10	12	9	4	10	12	9	4	8	12	8	4	8	12	8	6	8	12	8								
	B	2	6	12	7	2	8	12	8	4	8	12	8	4	8	12	8	4	6	12	7	4	6	12	7	4	6	12	7								
Design Pressure:		+125.3/-150				+125.3/-149				+125.3/-135.4				+125.2/-125.2				+100/-100				+94.9/-94.9															
102"	A	2	8	12	8	4	10	12	9	4	10	12	9	4	10	12	9	4	8	12	8	4	8	12	8												
	B	2	6	12	7	2	8	12	8	4	8	12	8	4	8	12	8	4	6	12	7	4	6	12	7												
Design Pressure:		+125.3/-150				+125.3/-138.7				+125.3/-125.7				+98.8/-98.8				+92.3/-92.3				+87.3/-87.3															
108"	A	2	10	12	9	4	10	12	9	4	10	12	9	4	8	12	8	4	8	12	8	4	8	12	8												
	B	2	8	12	8	2	8	12	8	2	8	12	8	2	6	12	7	4	6	12	7	4	6	12	7												
Design Pressure:		+125.3/-146.7				+125.3/-129.8				+117.3/-117.3				+92/-92				+85.7/-85.7																			
114"	A	2	10	12	9	2	10	12	9	4	10	12	9	4	8	12	8	4	8	12	8																
	B	2	8	12	8	2	8	12	8	2	8	12	8	2	6	12	7	4	6	12	7																
Design Pressure:		+125.3/-138				+121.9/-121.9				+110/-110				+86/-86				+80/-80																			
120"	A	2	10	14	9	2	10	14	9	4	10	14	9	4	8	14	8	4	8	14	8																
	B	2	8	14	8	2	8	14	8	2	8	14	8	2	6	14	8	4	6	14	8																
Design Pressure:		+122.7/-122.7				+106.4/-106.4				+82.7/-82.7				+75.4/-75.4																							
126"	A	2	10	14	9	2	8	14	8	2	8	14	8	2	8	14	8																				
	B	2	8	14	8	2	8	14	8	2	6	14	8	2	6	14	8																				
Design Pressure:		+106.4/-106.4				+92.2/-92.2				+77.8/-77.8				+64.5/-64.5																							
132"	A	2	8	14	9	2	8	14	9	2	8	14	9	2	8	14	9																				
	B	2	6	14	9	2	6	14	9	2	6	14	9	2	6	14	9																				
Design Pressure:		+93.3/-93.3				+82.1/-82.1				+73.7/-73.7																											
138"	A	2	8	14	9	2	8	14	9	2	8	14	9																								
	B	2	6	14	9	2	6	14	9	2	6	14	9																								
Design Pressure:		+88.9/-88.9				+78/-78				+70/-70																											
144"	A	2	8	16	9	2	8	16	9	2	8	16	9																								
	B	2	6	16	9	2	6	16	9	2	6	16	9																								

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 1A:

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||
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TABLE 2:

90° Configuration Reinforced Stiles Glass: 3, 4, 5, 6, 10, 11		Design Pressure and Anchor Quantities Required																																							
		Nominal Panel Width / Panel DLO Width / Anchor Location																																							
Standard Interlock:		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)				78" (Nom.)				84" (Nom.)							
		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)				64-5/16" (DLO)				70-5/16" (DLO)				76-5/16" (DLO)							
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip				
Design Pressure:		+120/-120				+120/-120				+120/-120				+120/-120				+120/-120				+120/-120				+120/-120				+120/-120				+120/-120				+117.6/-117.6			
80"	A	2	6	10	5	2	6	10	6	4	6	10	6	4	6	10	6	4	8	10	7	6	8	10	7	6	8	10	7	8	8	10	7	8	8	10	7				
	B	2	4	10	5	2	4	10	5	2	6	10	5	4	6	10	6	4	6	10	6	4	6	10	6	6	6	10	6	6	6	10	6	6	6	10	6				
Design Pressure:		+120/-120				+120/-120				+120/-120				+120/-120				+120/-120				+120/-120				+120/-120				+120/-120				+119.9/-119.9				+113/-113			
84"	A	2	6	10	6	2	6	10	6	4	6	10	6	4	8	10	7	4	8	10	7	6	8	10	7	6	8	10	8	8	8	10	8	8	8	10	7				
	B	2	4	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	7	6	6	10	7	6	6	10	7	6	6	10	7				
Design Pressure:		+120/-120				+120/-120				+120/-120				+120/-120				+120/-120				+114.8/-114.8				+111.1/-111.1				+108.6/-108.6											
90"	A	2	6	10	6	2	6	10	6	4	8	10	7	4	8	10	7	4	8	10	8	6	8	10	8	6	8	10	8	6	8	10	8								
	B	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	7	4	6	10	7	4	6	10	7	4	6	10	7	6	6	10	7								
Design Pressure:		+120/-120				+120/-120				+120/-120				+112.7/-112.7				+105.9/-105.9				+100.7/-100.7				+96.8/-96.8															
98"	A	2	6	12	7	2	8	12	7	4	8	12	8	4	8	12	8	4	8	12	8	4	8	12	8	6	8	12	8												
	B	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7												
Design Pressure:		+120/-120				+120/-120				+115.4/-115.4				+106.7/-106.7				+100/-100				+94.9/-94.9																			
102"	A	2	8	12	7	2	8	12	7	4	8	12	8	4	8	12	8	4	8	12	8	4	8	12	8																
	B	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7																
Design Pressure:		+120/-120				+118.2/-118.2				+107.1/-107.1				+98.8/-98.8				+92.3/-92.3				+87.3/-87.3																			
108"	A	2	8	12	7	2	8	12	8	4	8	12	8	4	8	12	8	4	8	12	8	4	8	12	8																
	B	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7																
Design Pressure:		+120/-120				+110.6/-110.6				+100/-100				+92/-92				+85.7/-85.7																							
114"	A	2	8	12	8	2	8	12	8	2	8	12	8	4	8	12	8	4	8	12	8																				
	B	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7																				
Design Pressure:		+117.6/-117.6				+103.9/-103.9				+93.8/-93.8				+86/-86				+80/-80																							
120"	A	2	8	14	8	2	8	14	8	2	8	14	8	4	8	14	8	4	8	14	8																				
	B	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	6	14	8																				
Design Pressure:		+103.7/-103.7				+91.4/-91.4				+82.4/-82.4				+75.4/-75.4																											
126"	A	2	8	14	8	2	8	14	8	2	8	14	8	2	8	14	8																								
	B	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8																								
Design Pressure:		+98.2/-98.2				+86.5/-86.5				+77.8/-77.8				+64.5/-64.5																											
132"	A	2	8	14	9	2	8	14	9	2	8	14	9	2	8	14	9																								
	B	2	6	14	9	2	6	14	9	2	6	14	9	2	6	14	9																								
Design Pressure:		+93.3/-93.3				+82.1/-82.1				+73.7/-73.7																															
138"	A	2	8	14	9	2	8	14	9	2	8	14	9																												
	B	2	6	14	9	2	6	14	9	2	6	14	9																												
Design Pressure:		+88.9/-88.9				+78/-78				+70/-70																															
144"	A	2	8	16	9	2	8	16	9	2	8	16	9																												
	B	2	6	16	9	2	6	16	9	2	6	16	9																												

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 2A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed

TABLE 3:

135° Configuration Reinforced Stiles Glass: 3, 4, 5, 6, 10, 11		Design Pressure and Anchor Quantities Required																																							
		Nominal Panel Width / Panel DLO Width / Anchor Location																																							
Standard Interlock:		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)				78" (Nom.)				84" (Nom.)							
		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)				64-5/16" (DLO)				70-5/16" (DLO)				76-5/16" (DLO)							
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip				
Design Pressure:		+105/-105				+105/-105				+105/-105				+105/-105				+105/-105				+105/-105				+105/-105				+105/-105				+105/-105				+105/-105			
80"	A	2	4	10	5	2	6	10	5	4	6	10	5	4	6	10	6	4	6	10	6	4	6	10	6	6	6	10	6	6	6	10	6	8	6	10	6				
	B	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	6	10	5	4	6	10	5	4	6	10	6	6	6	10	6	6	6	10	6				
Design Pressure:		+105/-105				+105/-105				+105/-105				+105/-105				+105/-105				+105/-105				+105/-105				+105/-105				+105/-105				+105/-105			
84"	A	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	6	8	10	7	6	8	10	7				
	B	2	4	10	6	2	4	10	6	2	4	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	6	6	10	6	6	6	10	6				
Design Pressure:		+105/-105				+105/-105				+105/-105				+105/-105				+105/-105				+105/-105				+103.7/-103.7				+95/-95											
90"	A	2	6	10	6	2	6	10	6	4	6	10	6	4	8	10	7	4	8	10	7	4	8	10	7	6	8	10	7	6	8	10	7								
	B	2	4	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	7	4	6	10	6								
Design Pressure:		+105/-105				+105/-105				+105/-105				+105/-105				+98.8/-98.8				+94/-94				+84.7/-84.7															
98"	A	2	6	12	7	2	6	12	7	4	8	12	7	4	8	12	7	4	8	12	7	4	8	12	7	4	8	12	7												
	B	2	4	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7												
Design Pressure:		+105/-105				+105/-105				+105/-105				+99.6/-99.6				+93.3/-93.3				+88.5/-88.5																			
102"	A	2	6	12	7	2	8	12	7	4	8	12	7	4	8	12	7	4	8	12	7	4	8	12	7																
	B	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7																
Design Pressure:		+105/-105				+105/-105				+100/-100				+92.2/-92.2				+86.2/-86.2				+76.4/-76.4																			
108"	A	2	6	12	7	2	8	12	7	2	8	12	7	4	8	12	7	4	8	12	7	4	8	12	7																
	B	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7																
Design Pressure:		+105/-105				+103.2/-103.2				+93.3/-93.3				+85.8/-85.8				+80/-80																							
114"	A	2	8	12	7	2	8	12	7	2	8	12	7	4	8	12	7	4	8	12	7																				
	B	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7																				
Design Pressure:		+105/-105				+97/-97				+87.5/-87.5				+80.3/-80.3				+70/-70																							
120"	A	2	8	14	8	2	8	14	8	2	8	14	8	2	8	14	8	4	8	14	8																				
	B	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	6	14	8																				
Design Pressure:		+103.7/-103.7				+91.4/-91.4				+82.4/-82.4				+75.4/-75.4																											
126"	A	2	8	14	8	2	8	14	8	2	8	14	8	2	8	14	8																								
	B	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8																								
Design Pressure:		+98.2/-98.2				+86.5/-86.5				+77.8/-77.8				+56.5/-56.5																											
132"	A	2	8	14	9	2	8	14	9	2	8	14	9	2	8	14	9																								
	B	2	6	14	9	2	6	14	9	2	6	14	9	2	6	14	9																								
Design Pressure:		+93.3/-93.3				+82.1/-82.1				+73.7/-73.7																															
138"	A	2	8	14	9	2	8	14	9	2	8	14	9																												
	B	2	6	14	9	2	6	14	9	2	6	14	9																												
Design Pressure:		+88.9/-88.9				+78/-78				+70/-70																															
144"	A	2	8	16	9	2	8	16	9	2	8	16	9																												
	B	2	6	16	9	2	6	16	9	2	6	16	9																												

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 3A:

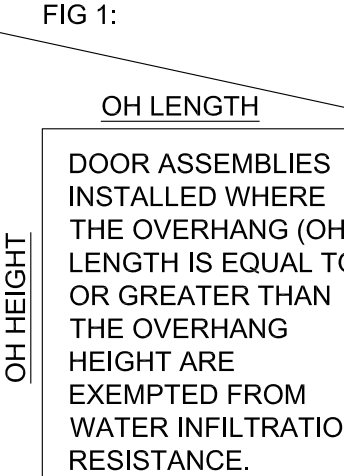
Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+80 psf
32	3-1/2"	+100 psf
33	4-1/4"	+105 psf

TABLE 4:

0° Configuration Non-reinf. Stiles Glass: 1, 2 & 9		Design Pressure and Anchor Quantities Required																			
		Nominal Panel Width / Panel DLO Width / Anchor Location																			
Standard Interlock:		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)			
		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+100/-100				+100/-100				+100/-100				+100/-100				+100/-100			
80"	A	2	4	10	5	2	6	10	5	2	6	10	5	4	6	10	5	4	6	10	6
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5
Design Pressure:		+100/-100				+100/-100				+100/-100				+100/-100				+99.6/-99.6			
84"	A	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	6	10	6	4	6	10	6
Design Pressure:		+100/-100				+100/-100				+100/-100				+94.8/-94.8				+89.6/-89.6			
90"	A	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	6	10	6	2	6	10	6	4	6	10	6
Design Pressure:		+100/-100				+99.7/-99.7				+90.8/-90.8				+84.1/-84.1				+70/-70			
98"	A	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7
	B	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	4	12	7
Design Pressure:		+100/-100				+94.8/-94.8				+86.2/-86.2				+79.6/-79.6							
102"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7				
	B	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7				
Design Pressure:		+99.6/-99.6				+88.3/-88.3				+80/-80											
108"	A	2	6	12	7	2	6	12	7	2	6	12	7								
	B	2	6	12	7	2	6	12	7	2	6	12	7								
Design Pressure:		+93.3/-93.3				+82.6/-82.6				+74.7/-74.7											
114"	A	2	6	12	7	2	6	12	7	2	6	12	7								
	B	2	6	12	7	2	6	12	7	2	6	12	7								
Design Pressure:		+87.8/-87.8				+77.6/-77.6				+70/-70											
120"	A	2	6	14	8	2	6	14	8	2	6	14	8								
	B	2	6	14	8	2	6	14	8	2	6	14	8								
Design Pressure:		+78.1/-78.1				+67.7/-67.7															
126"	A	2	6	14	8	2	6	14	8												
	B	2	6	14	8	2	4	14	8												
Design Pressure:		+67.7/-67.7				+58.7/-58.7															
132"	A	2	6	14	9	2	6	14	9												
	B	2	4	14	9	2	4	14	9												
Design Pressure:		+59.1/-59.1				+31.8/-31.8															
138"	A	2	6	14	9	2	4	14	9												
	B	2	4	14	9	2	4	14	9												
Design Pressure:		+51.9/-51.9																			
144"	A	2	4	16	9																
	B	2	4	16	9																

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.



- TABLE NOTES:
- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 4 AND TABLE 4A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 4 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

TABLE 4A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+80 psf
32	3-1/2"	+100 psf
33	4-1/4"	+100 psf

WINDOOR WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296 COPYRIGHT © 2025 WINDOOR, LLC, LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		07/10/22	
	ALUMINUM SLIDING GLASS DOOR (LM)		JENS ROSOWSKI		By	
	DP AND ANCHOR QTY TABLE		8100FPA-LM-3		6 OF 35	
SGD8100A						

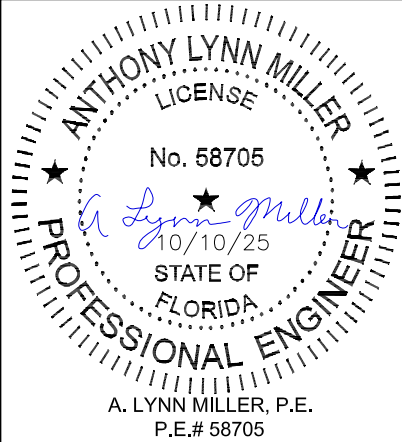


TABLE 5:

0°, 90° or 135° Config. Non-reinf. Stiles Glass: 3, 4, 5, 6, 10, 11		Design Pressure and Anchor Quantities Required																											
		Nominal Panel Width / Panel DLO Width / Anchor Location																											
Standard Interlock:		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)			
		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)				64-5/16" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+75/-75				+75/-75				+75/-75				+75/-75				+75/-75				+75/-75				+75/-75			
80"	A	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	6	10	5
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5
Design Pressure:		+75/-75				+75/-75				+75/-75				+75/-75				+75/-75				+75/-75				+75/-75			
84"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+75/-75				+75/-75				+75/-75				+75/-75				+75/-75				+71.8/-71.8				+69.4/-69.4			
90"	A	2	4	10	6	2	4	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+75/-75				+75/-75				+75/-75				+70.4/-70.4				+66.2/-66.2				+62.9/-62.9				+60.5/-60.5			
98"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7	4	4	12	7
Design Pressure:		+75/-75				+75/-75				+72.1/-72.1				+66.7/-66.7				+62.5/-62.5				+59.3/-59.3							
102"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7				
Design Pressure:		+75/-75				+73.9/-73.9				+67/-67				+61.7/-61.7				+57.7/-57.7				+54.5/-54.5							
108"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7				
Design Pressure:		+75/-75				+69.1/-69.1				+62.5/-62.5				+57.5/-57.5				+53.6/-53.6											
114"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7								
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7								
Design Pressure:		+73.5/-73.5				+64.9/-64.9				+58.6/-58.6				+53.8/-53.8				+50/-50											
120"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	6	14	8								
	B	2	4	14	8	2	4	14	8	2	4	14	8	2	4	14	8	4	4	14	8								
Design Pressure:		+67.1/-67.1				+58.2/-58.2				+51.7/-51.7				+46.7/-46.7															
126"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8												
	B	2	4	14	8	2	4	14	8	2	4	14	8	2	4	14	8												
Design Pressure:		+58.2/-58.2				+50.5/-50.5				+44.7/-44.7				+40.3/-40.3															
132"	A	2	6	14	9	2	4	14	9	2	4	14	9	2	4	14	9												
	B	2	4	14	9	2	4	14	9	2	4	14	9	2	4	14	9												
Design Pressure:		+50.8/-50.8				+44/-44				+39/-39																			
138"	A	2	4	14	9	2	4	14	9	2	4	14	9																
	B	2	4	14	9	2	4	14	9	2	4	14	9																
Design Pressure:		+44.6/-44.6				+38.6/-38.6				+34.1/-34.1																			
144"	A	2	4	16	9	2	4	16	9	2	4	16	9																
	B	2	4	16	9	2	4	16	9	2	4	16	9																

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 5A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+75 psf
32	3-1/2"	+75 psf
33	4-1/4"	+75 psf

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT ARE EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 5 AND TABLE 5A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 5 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

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07/10/22
ALUMINUM SLIDING GLASS DOOR (LM)

JENS ROSOWSKI
DP AND ANCHOR QTY TABLE

7 OF 35
SGD8100A

8100FPA-LM-3

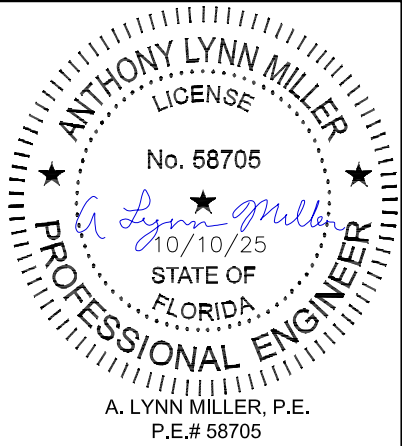


TABLE 6:

0° Configuration Double Reinf. Stiles Glass: 5, 6 & 11		Design Pressure and Anchor Quantities Required																											
		Nominal Panel Width / Panel DLO Width / Anchor Location																											
		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)			
Standard Interlock:		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)				64-5/16" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
80"	A	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
84"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
90"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
98"	A	2	4	12	7	2	4	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7	4	6	12	7
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
102"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	6	12	7	4	6	12	7
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
108"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	8	12	7
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
114"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	8	12	7	4	8	12	7
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
120"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	8	14	8	4	8	14	8	4	8	14	8
	B	2	4	14	8	2	4	14	8	2	6	14	8	2	6	14	8	4	6	14	8	4	6	14	8	4	6	14	8
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
126"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	8	14	8	4	8	14	8	4	8	14	8				
	B	2	4	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	6	14	8	4	6	14	8				
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
132"	A	2	6	14	9	2	6	14	9	2	8	14	9	2	8	14	9	4	8	14	9								
	B	2	4	14	9	2	6	14	9	2	6	14	9	2	6	14	9	4	6	14	9								
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
138"	A	2	6	14	9	2	6	14	9	2	8	14	9	2	8	14	9	4	8	14	9								
	B	2	4	14	9	2	6	14	9	2	6	14	9	2	6	14	9	4	6	14	9								
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
144"	A	2	6	16	9	2	8	16	9	2	8	16	9	2	8	16	9	4	10	16	9								
	B	2	6	16	9	2	6	16	9	2	6	16	9	2	6	16	9	4	8	16	9								

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 6A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+70 psf
32	3-1/2"	+70 psf
33	4-1/4"	+70 psf

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT ARE EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 6 AND TABLE 6A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 6 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

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ALUMINUM SLIDING GLASS DOOR (LM)

DP AND ANCHOR QTY TABLE

07/10/22

JENS ROSOWSKI

SGD8100A

No.

8 OF 35

8100FPA-LM-3

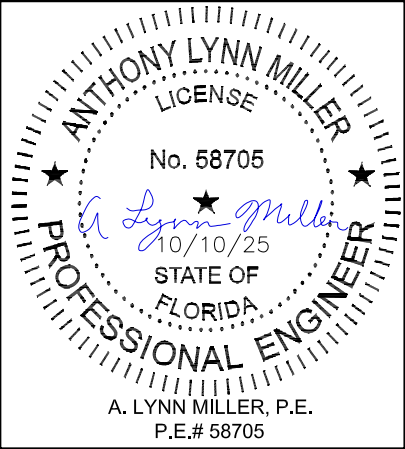


TABLE 7:

0° Configuration Non-reinf. Stiles Glass: 1, 2 & 9		Design Pressure and Anchor Quantities Required																											
		Nominal Panel Width / Panel DLO Width / Anchor Location																											
Narrow Interlock:		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)			
		30" (DLO)				36" (DLO)				42" (DLO)				48" (DLO)				54" (DLO)				60" (DLO)				66" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+80/-100				+80/-100				+80/-100				+80/-100				+80/-100				+80/-100				+80/-100			
80"	A	2	4	10	5	2	6	10	5	2	6	10	5	4	6	10	5	4	6	10	6	4	6	10	6	6	6	10	6
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	6	10	5	4	6	10	5
Design Pressure:		+80/-100				+80/-100				+80/-100				+80/-100				+80/-99.6				+80/-95.8							
84"	A	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6				
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	6	10	6	4	6	10	6	4	6	10	6				
Design Pressure:		+80/-100				+80/-100				+80/-100				+80/-94.8				+80/-89.6											
90"	A	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6								
	B	2	4	10	6	2	4	10	6	2	6	10	6	2	6	10	6	4	6	10	6								
Design Pressure:		+80/-100				+80/-100				+80/-93.3				+80/-86.6				+80/-81.5											
96"	A	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6								
	B	2	4	10	6	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6								
Design Pressure:		+80/-100				+80/-94.8				+80/-86.2				+79.6/-79.6															
102"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7												
	B	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7												
Design Pressure:		+80/-99.6				+80/-88.3				+80/-80																			
108"	A	2	6	12	7	2	6	12	7	2	6	12	7																
	B	2	6	12	7	2	6	12	7	2	6	12	7																
Design Pressure:		+80/-93.3				+80/-82.6				+74.7/-74.7																			
114"	A	2	6	12	7	2	6	12	7	2	6	12	7																
	B	2	6	12	7	2	6	12	7	2	6	12	7																
Design Pressure:		+80/-87.8				+77.6/-77.6				+70/-70																			
120"	A	2	6	14	8	2	6	14	8	2	6	14	8																
	B	2	6	14	8	2	6	14	8	2	6	14	8																
Design Pressure:		+78.1/-78.1				+67.7/-67.7																							
126"	A	2	6	14	8	2	6	14	8																				
	B	2	6	14	8	2	4	14	8																				
Design Pressure:		+67.7/-67.7				+58.7/-58.7																							
132"	A	2	6	14	9	2	6	14	9																				
	B	2	4	14	9	2	4	14	9																				
Design Pressure:		+59.1/-59.1																											
138"	A	2	6	14	9																								
	B	2	4	14	9																								
Design Pressure:		+51.9/-51.9																											
144"	A	2	4	16	9																								
	B	2	4	16	9																								

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

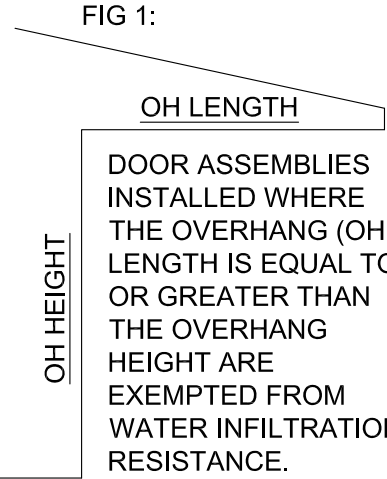


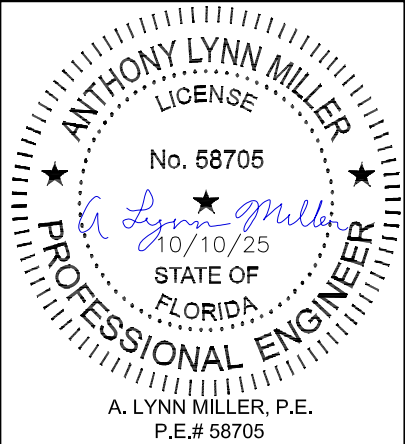
TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 7 AND TABLE 7A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 7 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

TABLE 7A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+80 psf
32	3-1/2"	+80 psf
33	4-1/4"	+80 psf

 WINDOOR		PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600			
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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (LM)		Date	07/10/22
		DP AND ANCHOR QTY TABLE		By	JENS ROSOWSKI
				Drawn	
		SGD8100A		Sheet	9 OF 35
				DWG No.	
				8100FPA-LM-3	



0° Configuration Reinforced Stiles Glass: 3, 4, 5, 6, 10, 11		Design Pressure and Anchor Quantities Required																																											
		Nominal Panel Width / Panel DLO Width / Anchor Location																																											
Narrow Interlock:		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)				78" (Nom.)				84" (Nom.)											
		30" (DLO)				36" (DLO)				42" (DLO)				48" (DLO)				54" (DLO)				60" (DLO)				66" (DLO)				72" (DLO)				78" (DLO)											
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip								
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70							
80"	A	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5	6	4	10	5				
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5	6	4	10	5				
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
84"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	6	10	6	4	6	10	6	6	6	10	6	6	6	10	6				
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6	6	4	10	6	6	4	10	6				
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
90"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	6	6	10	6	6	6	10	6				
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6	6	4	10	6	6	4	10	6				
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
98"	A	2	4	12	7	2	4	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7	6	6	12	7	6	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7	4	4	12	7	4	6	12	7	6	6	12	7	6	6	12	7				
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
102"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7	6	6	12	7	6	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7	4	6	12	7	4	6	12	7	6	6	12	7	6	6	12	7				
Design Pressure																																													

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+70 psf
32	3-1/2"	+70 psf
33	4-1/4"	+70 psf

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES
INSTALLED WHERE
THE OVERHANG (OH)
LENGTH IS EQUAL TO
OR GREATER THAN
THE OVERHANG
HEIGHT ARE
EXEMPTED FROM
WATER INFILTRATION
RESISTANCE.

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF TABLE 8 AND TABLE 8A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 8 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

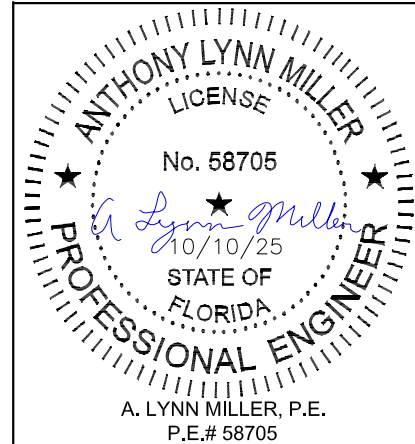


TABLE 9:

90° or 135° Config. Reinforced Stiles Glass: 1, 2 & 9		Design Pressure and Anchor Quantities Required																											
		Nominal Panel Width / Panel DLO Width / Anchor Location																											
Narrow Interlock:		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)			
		30" (DLO)				36" (DLO)				42" (DLO)				48" (DLO)				54" (DLO)				60" (DLO)				66" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+80/-100				+80/-100				+80/-100				+80/-100				+80/-100				+80/-100				+80/-100			
80"	A	2	4	10	5	2	6	10	5	2	6	10	5	4	6	10	5	4	6	10	6	4	6	10	6	6	6	10	6
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	6	10	5	4	6	10	5
Design Pressure:		+80/-100				+80/-100				+80/-100				+80/-100				+80/-99.6				+80/-95.8							
84"	A	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6				
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	6	10	6	4	6	10	6	4	6	10	6				
Design Pressure:		+80/-100				+80/-100				+80/-100				+80/-94.8				+80/-89.6											
90"	A	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6								
	B	2	4	10	6	2	4	10	6	2	6	10	6	2	6	10	6	4	6	10	6								
Design Pressure:		+80/-100				+80/-100				+80/-93.3				+80/-86.6				+80/-81.5											
96"	A	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6								
	B	2	4	10	6	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6								
Design Pressure:		+80/-100				+80/-94.8				+80/-86.2				+79.6/-79.6															
102"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7												
	B	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7												
Design Pressure:		+80/-99.6				+80/-88.3				+80/-80																			
108"	A	2	6	12	7	2	6	12	7	2	6	12	7																
	B	2	6	12	7	2	6	12	7	2	6	12	7																
Design Pressure:		+80/-93.3				+80/-82.6				+74.7/-74.7																			
114"	A	2	6	12	7	2	6	12	7	2	6	12	7																
	B	2	6	12	7	2	6	12	7	2	6	12	7																
Design Pressure:		+80/-87.8				+77.6/-77.6				+70/-70																			
120"	A	2	6	14	8	2	6	14	8	2	6	14	8																
	B	2	6	14	8	2	6	14	8	2	6	14	8																
Design Pressure:		+78.1/-78.1				+67.7/-67.7																							
126"	A	2	6	14	8	2	6	14	8																				
	B	2	6	14	8	2	4	14	8																				
Design Pressure:		+67.7/-67.7				+58.7/-58.7																							
132"	A	2	6	14	9	2	6	14	9																				
	B	2	4	14	9	2	4	14	9																				
Design Pressure:		+59.1/-59.1																											
138"	A	2	6	14	9																								
	B	2	4	14	9																								
Design Pressure:		+51.9/-51.9																											
144"	A	2	4	16	9																								
	B	2	4	16	9																								

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 9A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+80 psf
32	3-1/2"	+80 psf
33	4-1/4"	+80 psf

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

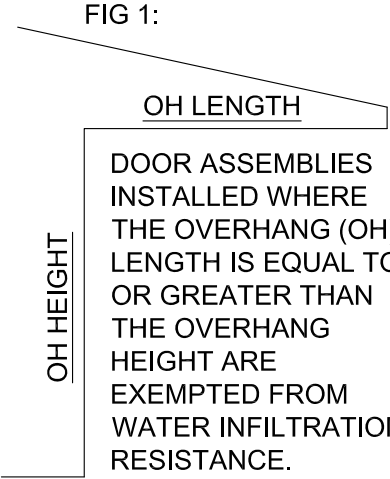


TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 9 AND TABLE 9A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 9 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

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ALUMINUM SLIDING GLASS DOOR (LM)

DP AND ANCHOR QTY TABLE

07/10/22

JENS ROSOWSKI

SGD8100A

DWG No.

11 OF 35

8100FPA-LM-3

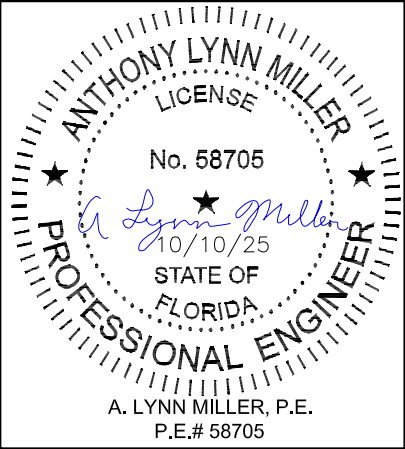


TABLE 10:

90° or 135° Config. Reinforced Stiles Glass: 3, 4, 5, 6, 10, 11		Design Pressure and Anchor Quantities Required																											
		Nominal Panel Width / Panel DLO Width / Anchor Location																											
Narrow Interlock:		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)			
		30" (DLO)				36" (DLO)				42" (DLO)				48" (DLO)				54" (DLO)				60" (DLO)				66" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
80"	A	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
84"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
90"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70							
98"	A	2	4	12	7	2	4	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7				
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70											
102"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	6	12	7				
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+65.5/-65.5							
108"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	6	12	7	4	6	12	7	4	6	12	7				
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+68.6/-68.6							
114"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7								
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	6	12	7	4	6	12	7								
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+68.8/-68.8				+60/-60			
120"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	6	14	8								
	B	2	4	14	8	2	4	14	8	2	6	14	8	2	6	14	8	4	6	14	8								
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+64.6/-64.6							
126"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8												
	B	2	4	14	8	2	6	14	8	2	6	14	8	2	6	14	8												
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+66.7/-66.7				+48.4/-48.4			
132"	A	2	6	14	9	2	6	14	9	2	6	14	9	2	6	14	9												
	B	2	4	14	9	2	6	14	9	2	6	14	9	2	6	14	9												
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+63.2/-63.2							
138"	A	2	6	14	9	2	6	14	9	2	6	14	9																
	B	2	4	14	9	2	6	14	9	2	6	14	9																
Design Pressure:		+70/-70				+66.9/-66.9				+60/-60																			
144"	A	2	6	16	9	2	6	16	9	2	6	16	9																
	B	2	6	16	9	2	6	16	9	2	6	16	9																

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 10A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+70 psf
32	3-1/2"	+70 psf
33	4-1/4"	+70 psf

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT ARE EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 10 AND TABLE 10A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 10 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

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07/10/22

ALUMINUM SLIDING GLASS DOOR (LM)

JENS ROSOWSKI

8100FPA-LM-3

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DP AND ANCHOR QTY TABLE

12 OF 35

SGD8100A

Series

Desc.

Title

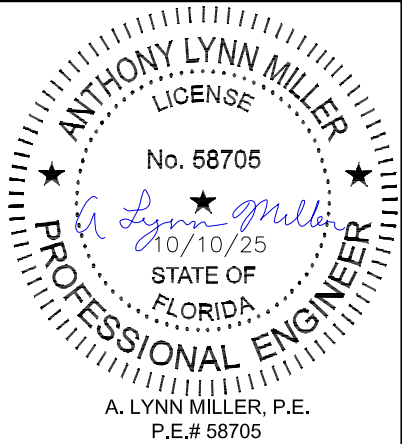


TABLE 11:

0°, 90° or 135° Config. Non-reinf. Stiles Glass: 3, 4, 5, 6, 10, 11		Design Pressure and Anchor Quantities Required																											
		Nominal Panel Width / Panel DLO Width / Anchor Location																											
Narrow Interlock:		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)			
		30" (DLO)				36" (DLO)				42" (DLO)				48" (DLO)				54" (DLO)				60" (DLO)				66" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
80"	A	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70			
84"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+70/-70				+69.4/-69.4			
90"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+70/-70				+70/-70				+70/-70				+70/-70				+66.2/-66.2				+62.9/-62.9				+60.5/-60.5			
98"	A	2	4	12	7	2	4	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7	4	4	12	7
Design Pressure:		+70/-70				+70/-70				+70/-70				+66.7/-66.7				+62.5/-62.5				+59.3/-59.3							
102"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7				
Design Pressure:		+70/-70				+70/-70				+67/-67				+61.7/-61.7				+57.7/-57.7				+54.5/-54.5							
108"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7				
Design Pressure:		+70/-70				+69.1/-69.1				+62.5/-62.5				+57.5/-57.5				+53.6/-53.6											
114"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7								
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7								
Design Pressure:		+70/-70				+64.9/-64.9				+58.6/-58.6				+53.8/-53.8				+50/-50											
120"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	6	14	8								
	B	2	4	14	8	2	4	14	8	2	4	14	8	2	4	14	8	4	4	14	8								
Design Pressure:		+67.1/-67.1				+58.2/-58.2				+51.7/-51.7				+46.7/-46.7															
126"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8												
	B	2	4	14	8	2	4	14	8	2	4	14	8	2	4	14	8												
Design Pressure:		+58.2/-58.2				+50.5/-50.5				+44.7/-44.7				+40.3/-40.3															
132"	A	2	6	14	9	2	4	14	9	2	4	14	9	2	4	14	9												
	B	2	4	14	9	2	4	14	9	2	4	14	9	2	4	14	9												
Design Pressure:		+50.8/-50.8				+44/-44				+39/-39																			
138"	A	2	4	14	9	2	4	14	9	2	4	14	9																
	B	2	4	14	9	2	4	14	9	2	4	14	9																
Design Pressure:		+44.6/-44.6				+38.6/-38.6				+34.1/-34.1																			
144"	A	2	4	16	9	2	4	16	9	2	4	16	9																
	B	2	4	16	9	2	4	16	9	2	4	16	9																

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 11A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+70 psf
32	3-1/2"	+70 psf
33	4-1/4"	+70 psf

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT ARE EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 11 AND TABLE 11A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 11 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

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ALUMINUM SLIDING GLASS DOOR (LM)

DP AND ANCHOR QTY TABLE

07/10/22

JENS ROSOWSKI

8100FPA-LM-3

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SGD8100A

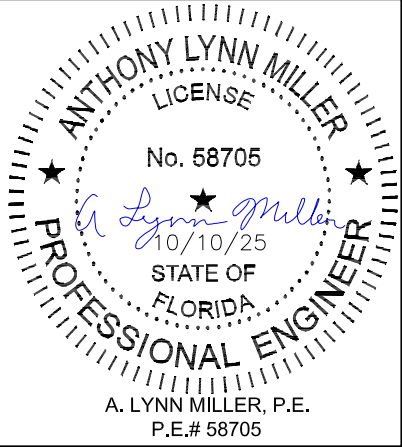


TABLE 12:

0° Config. Non-reinf. Stiles Glass: 7, 8 & 12		Design Pressure and Anchor Quantities Required																															
		Nominal Panel Width / Panel DLO Width / Anchor Location																															
Standard Stiles		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)				76" (Nom.)			
		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)				64-5/16" (DLO)				68-5/16" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+/-75			
80"	A	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	6	10	5	4	6	10	5
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+/-75				+/-75			
84"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-89.6				+/-71.8				+/-69.4				+/-67.9			
90"	A	2	4	10	6	2	4	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-84.1				+/-70				+/-62.9				+/-60.5							
98"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7	4	4	12	7				
Design Pressure:		+80/-90				+80/-90				+80/-86.2				+/-79.6				+/-62.5				+/-59.3											
102"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7								
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7								
Design Pressure:		+80/-90				+80/-88.3				+/-80				+/-61.7				+/-57.7				+/-54.5											
108"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7								
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7								
Design Pressure:		+80/-90				+80/-82.6				+/-74.7				+/-57.5				+/-53.6															
114"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7												
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7												
Design Pressure:		+80/-87.8				+/-77.6				+/-70				+/-53.8				+/-50															
120"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	6	14	8												
	B	2	4	14	8	2	4	14	8	2	4	14	8	2	4	14	8	4	4	14	8												
Design Pressure:		+/-78.1				+/-67.7				+/-51.7				+/-46.7																			
126"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8																
	B	2	4	14	8	2	4	14	8	2	4	14	8	2	4	14	8																
Design Pressure:		+/-59.1				+/-44				+/-39																							
133-13/16"	A	2	4	14	9	2	4	14	9	2	4	14	9																				
	B	2	4	14	9	2	4	14	9	2	4	14	9																				

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 12A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+80 psf
32	3-1/2"	+80 psf
33	4-1/4"	+80 psf

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT ARE EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 12 AND TABLE 12A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 12 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

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ALUMINUM SLIDING GLASS DOOR (LM)

By

JENS ROSOWSKI

DP AND ANCHOR QTY TABLE

No.

8100FFPA-LM-3

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SGD8100A

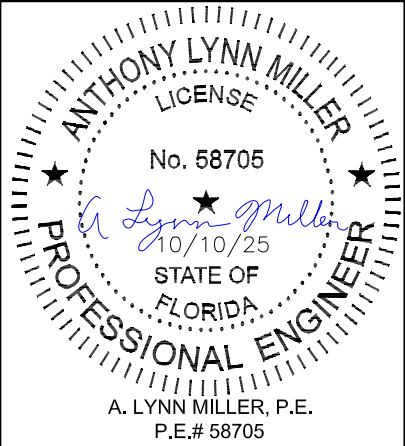


TABLE 13:

90° or 135° Config. Non-reinf. Stiles Glass: 7, 8 & 12 Standard Stiles		Design Pressure and Anchor Quantities Required																											
		Nominal Panel Width / Panel DLO Width / Anchor Location																											
		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)			
		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)				64-5/16" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+/-75				+/-75				+/-75				+/-75				+/-75				+/-75				+/-75			
80"	A	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	6	10	5
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5
Design Pressure:		+/-75				+/-75				+/-75				+/-75				+/-75				+/-75				+/-75			
84"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+/-75				+/-75				+/-75				+/-75				+/-71.8				+/-69.4				+/-67.9			
90"	A	2	4	10	6	2	4	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+/-75				+/-75				+/-75				+/-70.4				+/-66.2				+/-62.9				+/-60.5			
98"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7				
Design Pressure:		+/-75				+/-75				+/-72.1				+/-66.7				+/-62.5				+/-59.3							
102"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7				
Design Pressure:		+/-75				+/-73.9				+/-67				+/-61.7				+/-57.7				+/-54.5							
108"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7				
Design Pressure:		+/-75				+/-69.1				+/-62.5				+/-57.5				+/-53.6											
114"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7								
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7								
Design Pressure:		+/-73.5				+/-64.9				+/-58.6				+/-53.8				+/-50											
120"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	6	14	8								
	B	2	4	14	8	2	4	14	8	2	4	14	8	2	4	14	8	4	4	14	8								
Design Pressure:		+/-67.1				+/-58.2				+/-51.7				+/-46.7															
126"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8												
	B	2	4	14	8	2	4	14	8	2	4	14	8	2	4	14	8												
Design Pressure:		+/-50.8				+/-44				+/-39																			
133-13/16"	A	2	4	14	9	2	4	14	9	2	4	14	9																
	B	2	4	14	9	2	4	14	9	2	4	14	9																

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.

JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.

CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.

MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT ARE EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 13 AND TABLE 13A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 13 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

TABLE 13A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+75 psf
32	3-1/2"	+75 psf
33	4-1/4"	+75 psf

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07/10/22

ALUMINUM SLIDING GLASS DOOR (LM)

DP AND ANCHOR QTY TABLE

JENS ROSOWSKI

SGD8100A

DWG No.

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Sheet

8100FPA-LM-3

Series Desc.

TABLE 14:

0° or 90° Config. Reinf. Stiles Glass: 7, 8 & 12		Design Pressure and Anchor Quantities Required																											
		Nominal Panel Width / Panel DLO Width / Anchor Location																											
		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)			
Standard Stiles		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)				64-5/16" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90			
80"	A	2	6	10	6	4	8	10	7	4	8	10	7	4	8	10	8	6	8	10	8	6	8	10	8	6	8	10	7
	B	2	6	10	6	2	6	10	6	4	6	10	7	4	6	10	7	4	6	10	7	6	6	10	7	6	6	10	6
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90			
84"	A	2	8	10	7	4	8	10	7	4	8	10	8	4	8	10	8	6	10	10	9	6	8	10	8	6	8	10	8
	B	2	6	10	6	2	6	10	7	4	6	10	7	4	8	10	8	4	8	10	8	4	8	10	8	6	6	10	7
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90			
90"	A	2	8	10	7	4	8	10	8	4	10	10	9	4	10	12	9	6	10	12	9	6	8	10	8	6	8	10	8
	B	2	6	10	6	2	6	10	7	4	8	10	8	4	8	10	8	4	8	10	8	4	6	10	7	4	6	10	7
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+77/-90			
98"	A	2	8	12	8	4	10	12	9	4	10	12	9	4	10	12	9	4	8	12	8	4	8	12	8	6	8	12	8
	B	2	6	12	7	2	8	12	8	4	8	12	8	4	8	12	8	4	6	12	7	4	6	12	7	4	6	12	7
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+78.5/-90							
102"	A	2	8	12	8	4	10	12	9	4	10	12	9	4	10	12	9	4	8	12	8	4	8	12	8				
	B	2	6	12	7	2	8	12	8	4	8	12	8	4	8	12	8	4	6	12	7	4	6	12	7				
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+76.5/-87.3							
108"	A	2	10	12	9	4	10	12	9	4	10	12	9	4	8	12	8	4	8	12	8	4	8	12	8				
	B	2	8	12	8	2	8	12	8	2	8	12	8	2	6	12	7	4	6	12	7	4	6	12	7				
Design Pressure:		+80/-90				+80/-90				+80/-87.4				+80/-88.9				+79.3/-85.7											
114"	A	2	10	12	9	2	10	12	9	4	10	12	9	4	8	12	8	4	8	12	8								
	B	2	8	12	8	2	8	12	8	2	8	12	8	2	6	12	7	4	6	12	7								
Design Pressure:		+80/-90				+80/-90				+80/-81.2				+80/-81.8				+77.9/-80											
120"	A	2	10	14	9	2	10	14	9	4	10	14	9	4	8	14	8	4	8	14	8								
	B	2	8	14	8	2	8	14	8	2	8	14	8	2	6	14	8	4	6	14	8								
Design Pressure:		+80/-90				+80/-86.2				+/-76.4				+/-75.4															
126"	A	2	10	14	9	2	8	14	8	2	8	14	8	2	8	14	8												
	B	2	8	14	8	2	8	14	8	2	6	14	8	2	6	14	8												
Design Pressure:		+80/-90				+80/-82.1				+/-71.1																			
133-13/16"	A	2	8	14	9	2	8	14	9	2	8	14	9																
	B	2	6	14	9	2	6	14	9	2	6	14	9																

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 14A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+80 psf
32	3-1/2"	+80 psf
33	4-1/4"	+80 psf

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT ARE EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 14 AND TABLE 14A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 14 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

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ALUMINUM SLIDING GLASS DOOR (LM)

DP AND ANCHOR QTY TABLE

07/10/22

JENS ROSOWSKI

8100FPA-LM-3

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SGD8100A

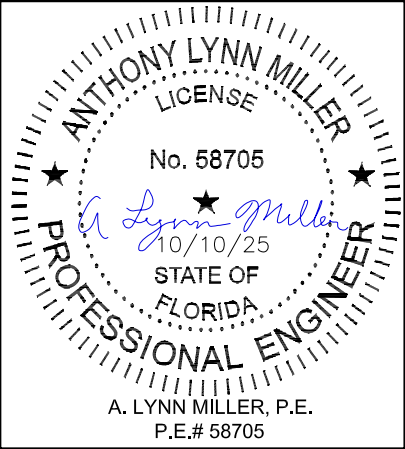


TABLE 15:

135° Config. Reinf. Stiles Glass: 7, 8 & 12		Design Pressure and Anchor Quantities Required																															
		Nominal Panel Width / Panel DLO Width / Anchor Location																															
Standard Stiles		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)				76" (Nom.)			
		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)				64-5/16" (DLO)				68-5/16" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90			
80"	A	2	6	10	6	4	8	10	7	4	8	10	7	4	8	10	8	6	8	10	8	6	8	10	8	6	8	10	8	8	8	10	7
	B	2	6	10	6	2	6	10	6	4	6	10	7	4	6	10	7	4	6	10	7	6	6	10	7	6	6	10	7	6	6	10	6
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90			
84"	A	2	8	10	7	4	8	10	7	4	8	10	8	4	8	10	8	6	10	10	9	6	8	10	8	6	8	10	8	8	8	10	8
	B	2	6	10	6	2	6	10	7	4	6	10	7	4	8	10	8	4	8	10	8	4	8	10	8	6	6	10	7	6	6	10	7
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+79.8/-90			
90"	A	2	8	10	7	4	8	10	8	4	10	10	9	4	10	12	9	6	10	12	9	6	8	10	8	6	8	10	8	6	8	10	8
	B	2	6	10	6	2	6	10	7	4	8	10	8	4	8	10	8	4	8	10	8	4	6	10	7	4	6	10	7	6	6	10	7
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+77/-84.7							
98"	A	2	8	12	8	4	10	12	9	4	10	12	9	4	10	12	9	4	8	12	8	4	8	12	8	6	8	12	8				
	B	2	6	12	7	2	8	12	8	4	8	12	8	4	8	12	8	4	6	12	7	4	6	12	7	4	6	12	7				
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+78.5/-88.5											
102"	A	2	8	12	8	4	10	12	9	4	10	12	9	4	10	12	9	4	8	12	8	4	8	12	8								
	B	2	6	12	7	2	8	12	8	4	8	12	8	4	8	12	8	4	6	12	7	4	6	12	7								
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-86.2				+/-76.4											
108"	A	2	10	12	9	4	10	12	9	4	10	12	9	4	8	12	8	4	8	12	8	4	8	12	8								
	B	2	8	12	8	2	8	12	8	2	8	12	8	2	6	12	7	4	6	12	7	4	6	12	7								
Design Pressure:		+80/-90				+80/-90				+80/-87.4				+80/-85.8				+79.3/-80															
114"	A	2	10	12	9	2	10	12	9	4	10	12	9	4	8	12	8	4	8	12	8												
	B	2	8	12	8	2	8	12	8	2	8	12	8	2	6	12	7	4	6	12	7												
Design Pressure:		+80/-90				+80/-90				+80/-81.2				+80/-80.3				+/-70															
120"	A	2	10	14	9	2	10	14	9	4	10	14	9	4	8	14	8	4	8	14	8												
	B	2	8	14	8	2	8	14	8	2	8	14	8	2	6	14	8	4	6	14	8												
Design Pressure:		+80/-90				+80/-86.2				+/-76.4				+/-75.4																			
126"	A	2	10	14	9	2	8	14	8	2	8	14	8	2	8	14	8																
	B	2	8	14	8	2	8	14	8	2	6	14	8	2	6	14	8																
Design Pressure:		+80/-90				+80/-82.1				+/-71.1																							
133-13/16"	A	2	8	14	9	2	8	14	9	2	8	14	9																				
	B	2	6	14	9	2	6	14	9	2	6	14	9																				

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 15A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+80 psf
32	3-1/2"	+80 psf
33	4-1/4"	+80 psf

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT ARE EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 15 AND TABLE 15A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 15 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

 WINDOOR		WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (LM)		07/10/22		JENS ROSOWSKI		8100FPA-LM-3	
						Date					
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600				REGISTRATION #29296				COPYRIGHT © 2025 WINDOOR, LLC. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.			
Series		Desc.		Title		DP AND ANCHOR QTY TABLE		Drawn By		DWC No.	
SGD8100A		Sheet		17 OF 35		ALUMINUM SLIDING GLASS DOOR (LM)					

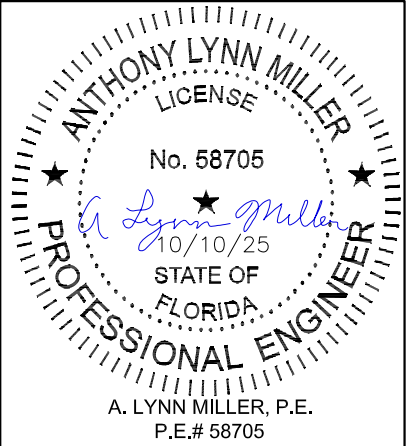


TABLE 16:

0° Config. Non-reinf. Stiles Glass: 7, 8 & 12		Design Pressure and Anchor Quantities Required																															
		Nominal Panel Width / Panel DLO Width / Anchor Location																															
Narrow Stiles		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)				74" (Nom.)			
		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)				64-5/16" (DLO)				66-5/16" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+/-70			
80"	A	2	4	10	5	2	6	10	5	2	6	10	5	4	6	10	5	4	6	10	6	4	6	10	6	6	6	10	6	4	4	10	5
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	6	10	5	4	6	10	5	4	4	10	5
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+80/-90				+/-70				+/-70			
84"	A	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-90				+80/-89.6				+/-70				+/-69.4				+/-67.9			
90"	A	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+80/-90				+80/-90				+80/-90				+80/-86.6				+80/-81.5				+/-62.9				+/-60.5							
98"	A	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	4	12	7	4	4	12	7	4	4	12	7				
Design Pressure:		+80/-90				+80/-90				+80/-86.2				+/-79.6				+/-62.5				+/-59.3											
102"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7								
	B	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	4	12	7	4	4	12	7								
Design Pressure:		+80/-90				+80/-88.3				+/-80				+/-61.7				+/-57.7				+/-54.5											
108"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7								
	B	2	6	12	7	2	6	12	7	2	6	12	7	2	4	12	7	4	4	12	7	4	4	12	7								
Design Pressure:		+80/-90				+80/-82.6				+/-74.7				+/-57.5				+/-53.6															
114"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7												
	B	2	6	12	7	2	6	12	7	2	6	12	7	2	4	12	7	4	4	12	7												
Design Pressure:		+80/-87.8				+/-77.6				+/-70				+/-53.8				+/-50															
120"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	6	14	8												
	B	2	6	14	8	2	6	14	8	2	6	14	8	2	4	14	8	4	4	14	8												
Design Pressure:		+/-78.1				+/-67.7				+/-51.7				+/-46.7																			
126"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8																
	B	2	6	14	8	2	4	14	8	2	4	14	8	2	4	14	8																
Design Pressure:		+/-59.1				+/-44				+/-39																							
133-13/16"	A	2	6	14	9	2	6	14	9	2	4	14	9																				
	B	2	4	14	9	2	4	14	9	2	4	14	9																				

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.

JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.

CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.

MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 16A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+80 psf
32	3-1/2"	+80 psf
33	4-1/4"	+80 psf

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT ARE EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 16 AND TABLE 16A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 16 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

 WINDOOR	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600				
	WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		REGISTRATION #29296		
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ALUMINUM SLIDING GLASS DOOR (LM)		Date	JENS ROSOWSKI		
DP AND ANCHOR QTY TABLE		By	JENS ROSOWSKI		
SGD8100A		18 OF 35		DWG No.	8100FPA-LM-3
Series		Sheet			
Desc.					

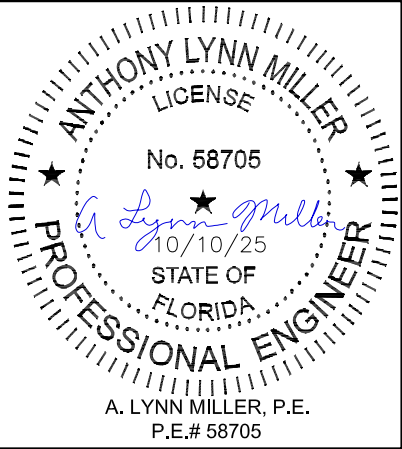


TABLE 17:

90° or 135° Config. Non-reinf. Stiles Glass: 7, 8 & 12		Design Pressure and Anchor Quantities Required																							
		Nominal Panel Width / Panel DLO Width / Anchor Location																							
		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)			
Narrow Stiles		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70			
80"	A	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70			
84"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-69.4			
90"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-66.2				+/-62.9			
98"	A	2	4	12	7	2	4	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7
Design Pressure:		+/-70				+/-70				+/-70				+/-66.7				+/-62.5				+/-59.3			
102"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7				
Design Pressure:		+/-70				+/-70				+/-67				+/-61.7				+/-57.7				+/-54.5			
108"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7				
Design Pressure:		+/-70				+/-69.1				+/-62.5				+/-57.5				+/-53.6							
114"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7				
Design Pressure:		+/-70				+/-64.9				+/-58.6				+/-53.8				+/-50							
120"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	6	14	8				
	B	2	4	14	8	2	4	14	8	2	4	14	8	2	4	14	8	4	4	14	8				
Design Pressure:		+/-67.1				+/-58.2				+/-51.7				+/-46.7											
126"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8								
	B	2	4	14	8	2	4	14	8	2	4	14	8	2	4	14	8								
Design Pressure:		+/-50.8				+/-44				+/-39															
133-13/16"	A	2	6	14	9	2	4	14	9	2	4	14	9												
	B	2	4	14	9	2	4	14	9	2	4	14	9												

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 17A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+70 psf
32	3-1/2"	+70 psf
33	4-1/4"	+70 psf

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT ARE EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 17 AND TABLE 17A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 17 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

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WINDOOR

WINDOOR, LLC
104 TRIPLE DIAMOND BLVD
N VENICE, FL 34275
(833) 554-5432

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ALUMINUM SLIDING GLASS DOOR (LM)

DP AND ANCHOR QTY TABLE

07/10/22

JENS ROSOWSKI

19 OF 35

SGD8100A

DWG No.

8100FFPA-LM-3

Series

Desc.

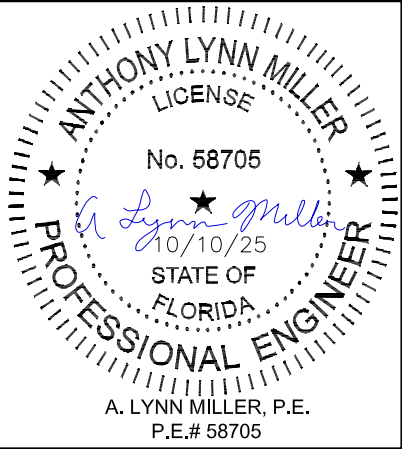


TABLE 18:

0° Config. Reinf. Stiles Glass: 7, 8 & 12		Design Pressure and Anchor Quantities Required																															
		Nominal Panel Width / Panel DLO Width / Anchor Location																															
Narrow Stiles		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)				74" (Nom.)			
		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)				64-5/16" (DLO)				66-5/16" (DLO)			
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70			
80"	A	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70			
84"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70			
90"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70			
98"	A	2	4	12	7	2	4	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7	4	6	12	7	4	6	12	7
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+69.8/-70							
102"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7	4	6	12	7				
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70											
108"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7								
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	6	12	7	4	6	12	7	4	6	12	7								
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70															
114"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7												
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	6	12	7	4	6	12	7												
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70															
120"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	6	14	8												
	B	2	4	14	8	2	4	14	8	2	6	14	8	2	6	14	8	4	6	14	8												
Design Pressure:		+/-70				+/-70				+/-70				+/-70																			
126"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8																
	B	2	4	14	8	2	6	14	8	2	6	14	8	2	6	14	8																
Design Pressure:		+/-70				+/-70				+/-69.6				+65.4/-67.2																			
133-13/16"	A	2	6	14	9	2	6	14	9	2	6	14	9	2	6	14	9																
	B	2	4	14	9	2	6	14	9	2	6	14	9	2	6	14	9																

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.

JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.

CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.

MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 18A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+70 psf
32	3-1/2"	+70 psf
33	4-1/4"	+70 psf

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT ARE EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 18 AND TABLE 18A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 18 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

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

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104 TRIPLE DIAMOND BLVD
N VENICE, FL 34275
(833) 554-5432

ALUMINUM SLIDING GLASS DOOR (LM)

DP AND ANCHOR QTY TABLE

07/10/22

JENS ROSOWSKI

8100FPA-LM-3

20 OF 35

SGD8100A

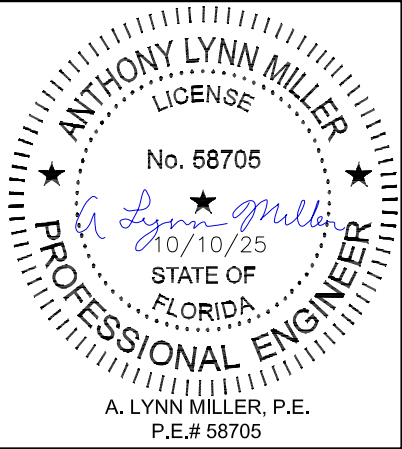


TABLE 19:

90° or 135° Config. Reinf. Stiles Glass: 7, 8 & 12		Design Pressure and Anchor Quantities Required																																			
		Nominal Panel Width / Panel DLO Width / Anchor Location																																			
Narrow Stiles		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)				66" (Nom.)				72" (Nom.)				74" (Nom.)							
		28-5/16" (DLO)				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)				58-5/16" (DLO)				64-5/16" (DLO)				66-5/16" (DLO)							
Frame Height	Anchor Group	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip	MidPanel	Cluster	Jamb	Hookstrip				
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70			
80"	A	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5				
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5	4	4	10	5				
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70			
84"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	6	10	6	4	6	10	6				
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6				
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70			
90"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6	4	6	10	6				
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6	4	4	10	6				
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70							
98"	A	2	4	12	7	2	4	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7	4	6	12	7								
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7	4	6	12	7								
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-70				+/-70											
102"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7												
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7	4	4	12	7	4	4	12	7	4	6	12	7								
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-70				+/-65.5															
108"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7	4	6	12	7												
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	6	12	7	4	6	12	7	4	6	12	7												
Design Pressure:		+/-70				+/-70				+/-70				+/-70				+/-68.6																			
114"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7																
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	6	12	7	4	6	12	7																
Design Pressure:		+/-70				+/-70				+/-70				+/-68.8				+/-60																			
120"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8	4	6	14	8																
	B	2	4	14	8	2	4	14	8	2	6	14	8	2	6	14	8	4	6	14	8																
Design Pressure:		+/-70				+/-70				+/-70				+/-64.6																							
126"	A	2	6	14	8	2	6	14	8	2	6	14	8	2	6	14	8																				
	B	2	4	14	8	2	6	14	8	2	6	14	8	2	6	14	8																				
Design Pressure:		+/-70				+/-70				+/-63.2																											
133-13/16"	A	2	6	14	9	2	6	14	9	2	6	14	9																								
	B	2	4	14	9	2	6	14	9	2	6	14	9																								

HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.
CLUSTER = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL AT THE MEETING POINT OF 2 PANELS.
MIDPANEL = TOTAL # OF ANCHORS THROUGH THE HEAD & SILL REQUIRED AT THE MIDSPAN OF PANEL.

TABLE 19A:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-1/2"	See Fig. 1
29	1-3/4"	+45 psf
30	2-1/4"	+60 psf
31	3"	+70 psf
32	3-1/2"	+70 psf
33	4-1/4"	+70 psf

THE MAXIMUM DP AT THIS SIZE. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE NOTES, THIS SHEET.

FIG 1:

OH LENGTH

OH HEIGHT

DOOR ASSEMBLIES INSTALLED WHERE THE OVERHANG (OH) LENGTH IS EQUAL TO OR GREATER THAN THE OVERHANG HEIGHT ARE EXEMPTED FROM WATER INFILTRATION RESISTANCE.

TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 19 AND TABLE 19A DETERMINES THE WATER LIMITED (+) DP.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED. IF SO, +DP'S FROM ONLY TABLE 19 MAY BE USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

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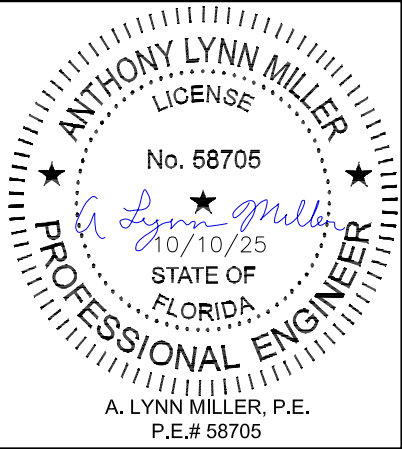
ALUMINUM SLIDING GLASS DOOR (LM)

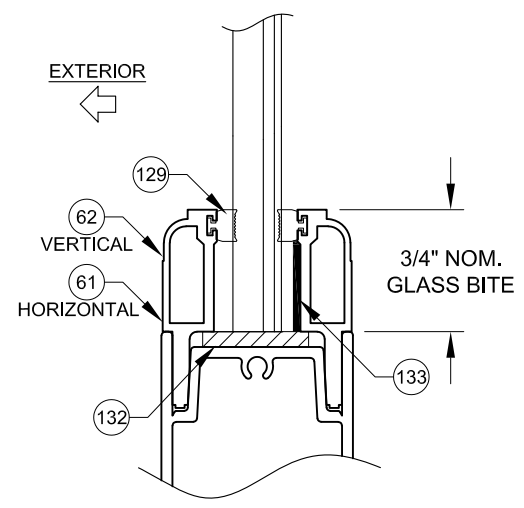
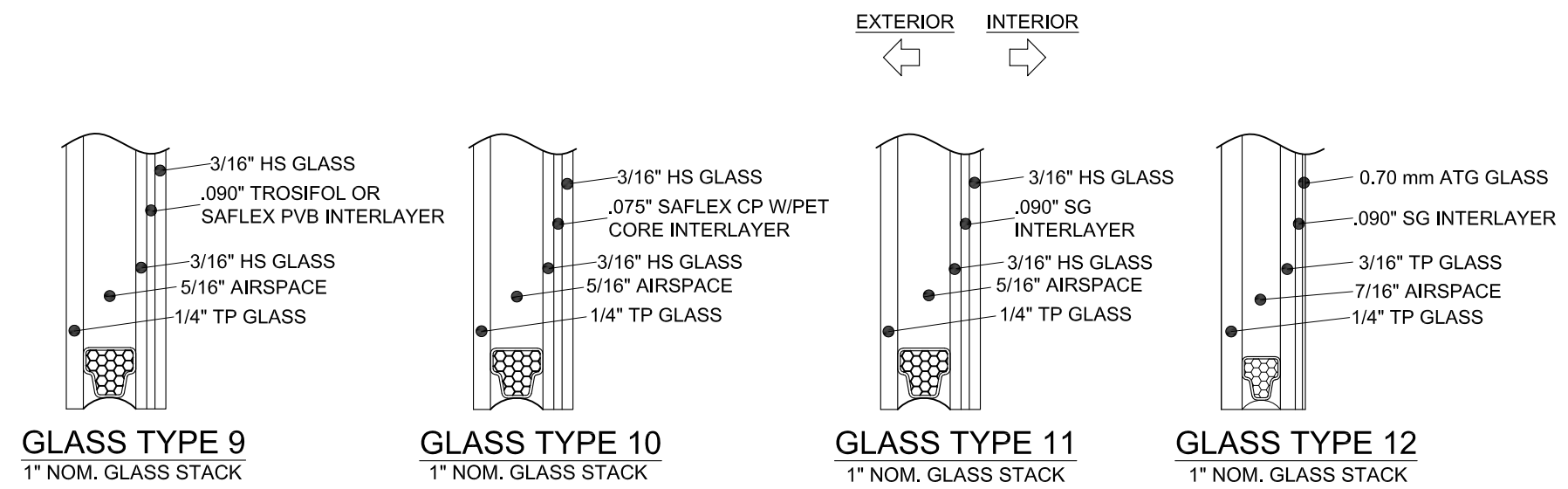
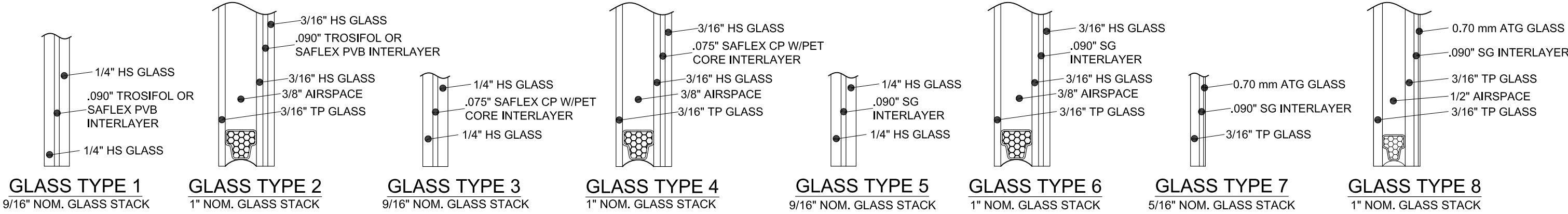
DP AND ANCHOR QTY TABLE

8100FPA-LM-3

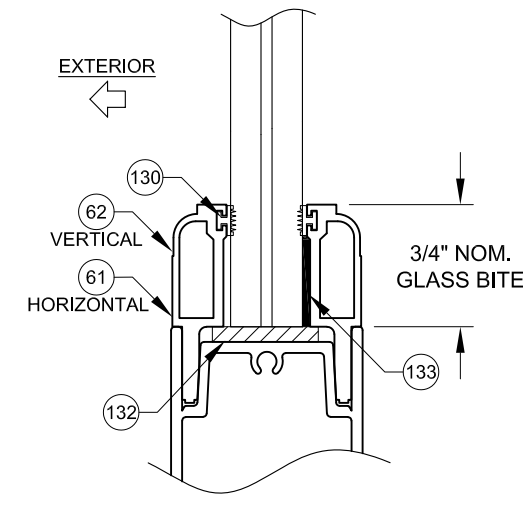
21 OF 35

SGD8100A

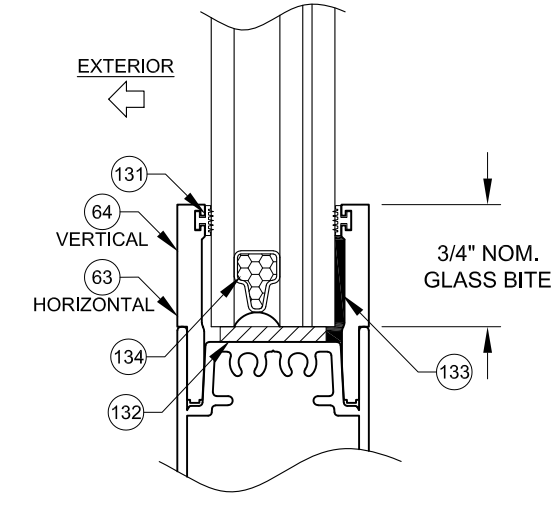




TYP. LAMI. GLAZING DETAIL
5/16" NOM. GLASS STACK



TYP. LAMI. GLAZING DETAIL
9/16" NOM. GLASS STACK



TYP. LAMI. IG GLAZING DETAIL
1" NOM. GLASS STACK

TABLE C:

Glass Type	Description (Listed from Exterior to Interior)
1	9/16" LAMI: 1/4" HS - 0.090" Trosifol or Saflex PVB - 1/4" HS
2	1" LAMI IG: 3/16" TP Cap - 3/8" Airspace - 3/16" HS - 0.090" Trosifol or Saflex PVB - 3/16" HS
3	9/16" LAMI: 1/4" HS - 0.075" Saflex CP with PET Core - 1/4" HS
4	1" LAMI IG: 3/16" TP Cap - 3/8" Airspace - 3/16" HS - 0.075" Saflex CP with PET Core - 3/16" HS
5	9/16" LAMI: 1/4" HS - 0.090" SG - 1/4" HS
6	1" LAMI IG: 3/16" TP Cap - 3/8" Airspace - 3/16" HS - 0.090" SG - 3/16" HS
7	5/16" LAMI: 3/16" TP - 0.090" SG - 0.70mm ATG
8	1" LAMI IG: 3/16" TP Cap - 1/2" Airspace - 3/16" TP - 0.090" SG - 0.70mm ATG
9	1" LAMI IG: 1/4" TP Cap - 3/8" Airspace - 3/16" HS - 0.090" Trosifol or Saflex PVB - 3/16" HS
10	1" LAMI IG: 1/4" TP Cap - 3/8" Airspace - 3/16" HS - 0.075" Saflex CP with PET Core - 3/16" HS
11	1" LAMI IG: 1/4" TP Cap - 3/8" Airspace - 3/16" HS - 0.090" SG - 3/16" HS
12	1" LAMI IG: 1/4" TP Cap - 1/2" Airspace - 3/16" TP - 0.090" SG - 0.70mm ATG

HS = HEAT STRENGTHENED
TP = TEMPERED
TROSIFOL PVB & SG (SENTRYGLAS) INTERLAYERS BY KURARAY AMERICA, INC.
SAFLEX PVB INTERLAYER BY EASTMAN CHEMICAL COMPANY

PREPARED BY A. LYNN MILLER
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07/10/22
JENS ROSOWSKI
ALUMINUM SLIDING GLASS DOOR (LM)
GLAZING DETAILS
SGD8100A

8100FPA-LM-3
22 OF 35
2025

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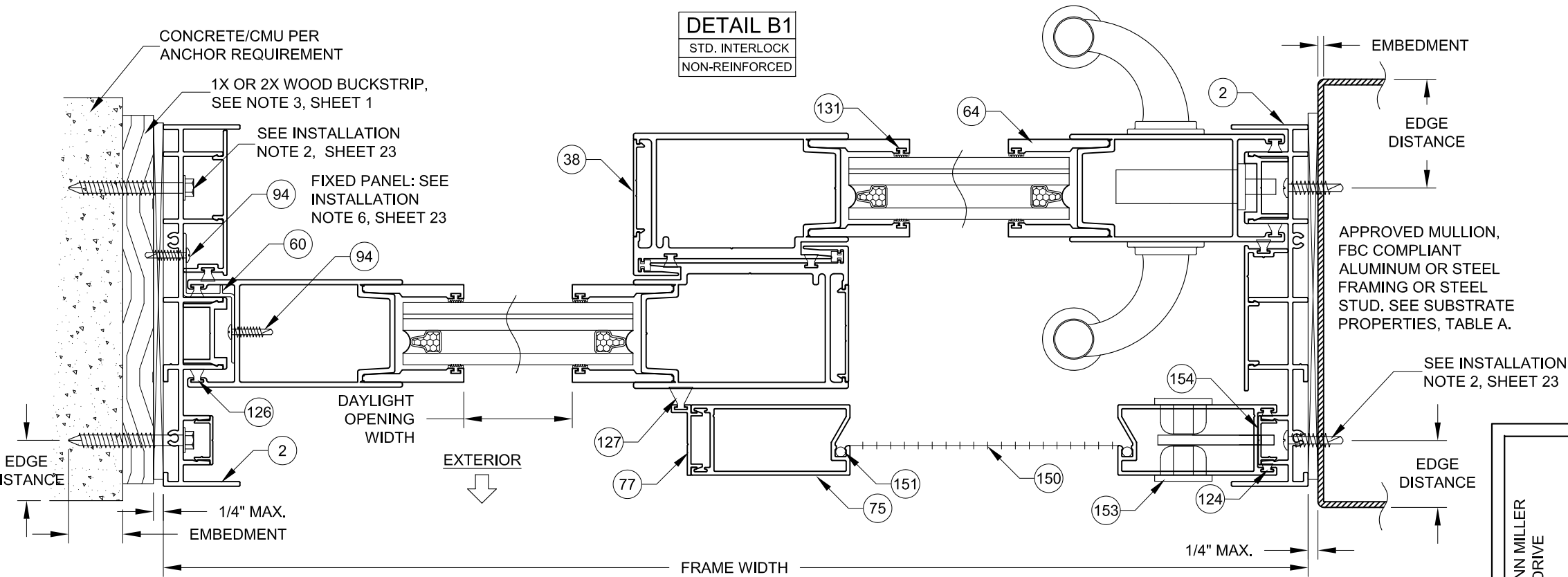
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LICENSE
No. 58705
10/10/25
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

INSTALLATION NOTES:

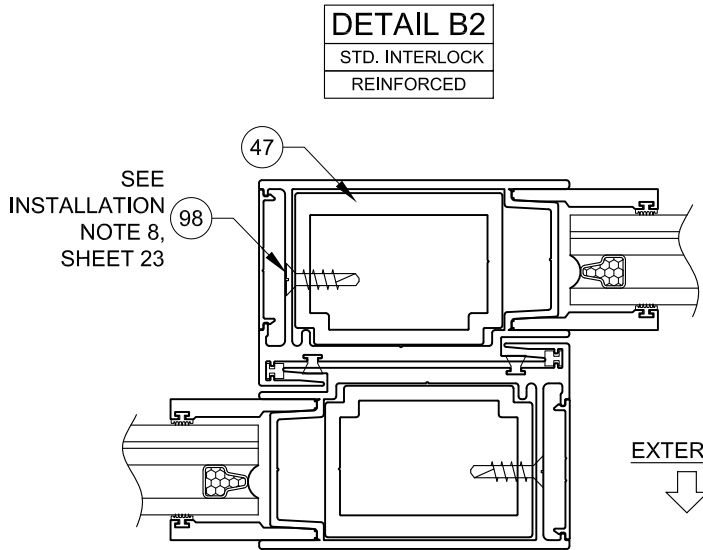
- 1) DETAILS APPLY TO 2, 3, 4 AND 5 TRACK CONFIGURATIONS. INSTALLATION ANCHORS AND SUBSTRATE DETAILS MAY APPLY TO ANY FRAME LOCATION.
- 2) SEE TABLE A FOR SPECIFIC REQUIREMENTS PER THE ANCHOR AND SUBSTRATE BEING USED.
- 3) SEE SHEETS 29 - 32 FOR ANCHOR LOCATIONS & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1-19.
- 4) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- 5) IF A PANEL IS TO BE FIXED INLINE TO ANOTHER PANEL (OO), INSTALL ANCHORS AS SHOWN AT 4" FROM TOP AND BOTTOM OF PANEL AND AT MIDPOINT. 6 ANCHORS TOTAL.
- 6) IF A PANEL IS TO BE FIXED TO THE JAMB, USE A Z-CLIP AT 24" FROM TOP AND BOTTOM OF PANEL AND AT MIDPOINT. 3 Z-CLIPS TOTAL, EACH WITH 6 ANCHORS.
- 7) ATTACH SILL INSERT TO SILL PAN AT 4" FROM EACH END AND MAX. 18" O.C.
- 8) IF REINFORCEMENT IS REQUIRED AND SHOWN ATTACHED WITH AN ANCHOR, USE AN ANCHOR AT 6" FROM TOP AND BOTTOM OF PANEL AND AT MIDPOINT.
- 9) SEE TABLES 1-19 FOR REINFORCEMENT REQUIREMENTS. ALL REINFORCEMENTS ARE APPROXIMATELY THE FULL LENGTH OF THE EXTRUSION.
- 10) SILL RISER (IF USED) VARIES WITH DESIGN PRESSURE REQUIREMENTS AND MUST BE FULLY SEALED BETWEEN THE RISER AND SILL.
- 11) IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT, MAX. 1/4" THICK & 3400 PSI MIN., (DONE BY OTHERS) 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.
- 12) SILL WEEPHOLES ARE 1" X 3/16" AND ARE LOCATED AT 6" FROM EACH JAMB AND AT THE MEETING POINT OF 2 ADJACENT PANELS.
- 13) STANDARD ANCHOR LOCATIONS SHOWN. ANCHORS MAY BE LOCATED IN ANY ADJACENT TRACK AS REQUIRED TO MEET MIN. EDGE DISTANCE CONSTRAINTS.

NOTES:

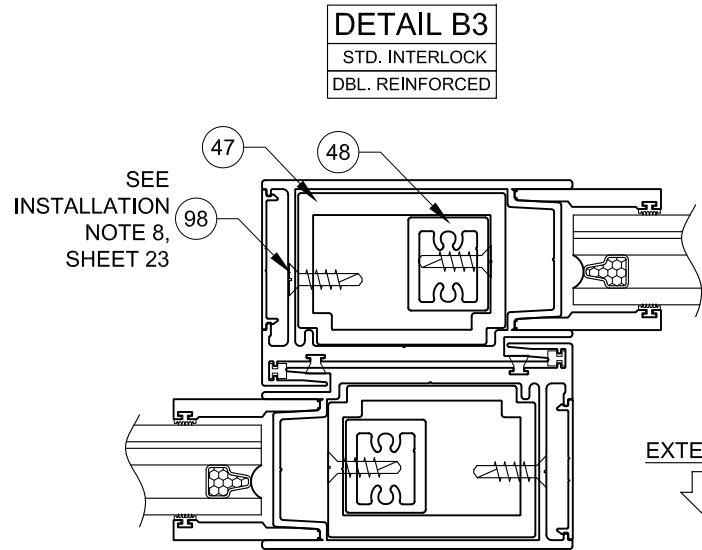
- 1) GLAZING MAY BE EITHER MONOLITHIC OR INSULATED IN ANY CONFIGURATION.



HORIZONTAL X-SECTION
OX, 2P-2T, WITH BOX SCREEN



HORIZONTAL X-SECTION



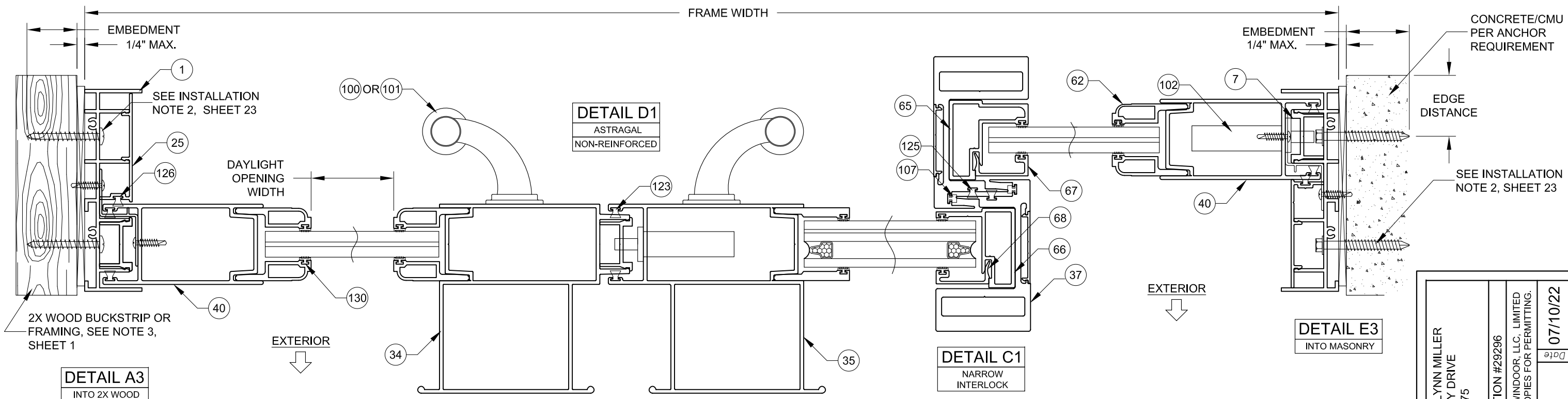
HORIZONTAL X-SECTION

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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (LM)	
INSTALLATION DETAILS 1		By	JENS ROSOWSKI
SGD8100A		No.	8100FPA-LM-3
23 OF 35			

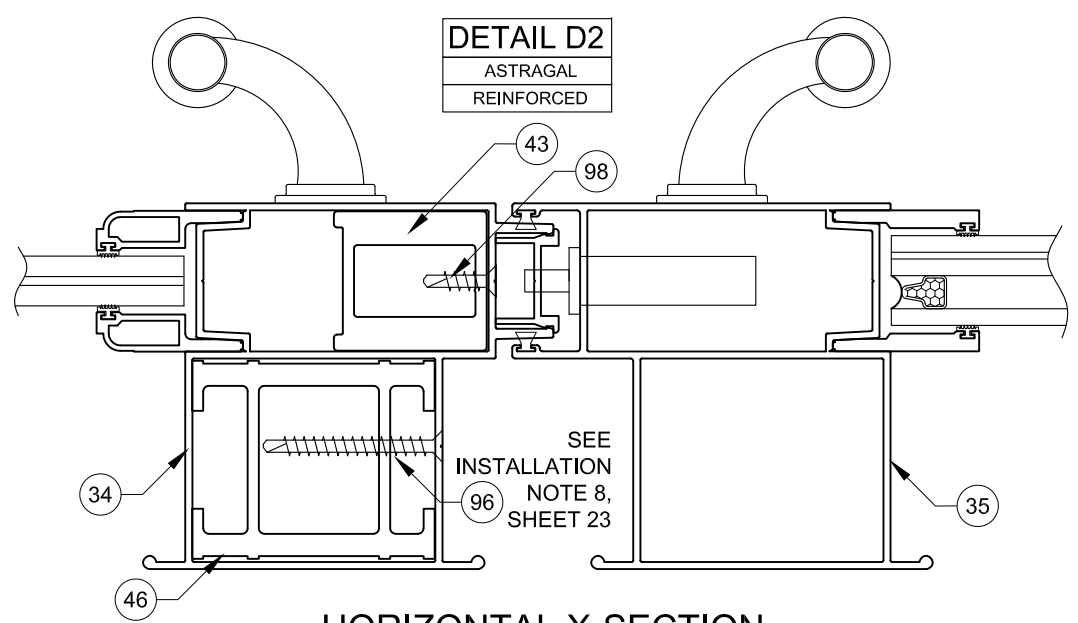
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PROFESSIONAL ENGINEER
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P.E.# 58705

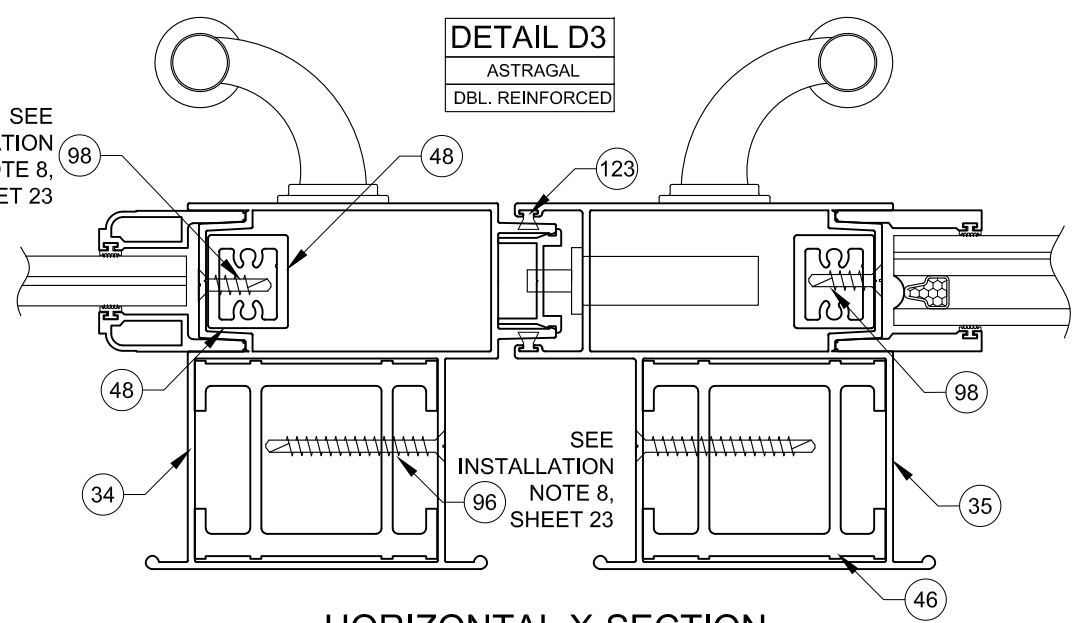
- DLO WIDTH = NOM. STD. PANEL WIDTH - 7-11/16"
- DLO WIDTH = NOM. NARROW INTERLOCK PANEL WIDTH - 6" (1 SIDE W/ NARROW INTERLOCK)



HORIZONTAL X-SECTION
OXX, 3P-2T, WITHOUT SCREEN



HORIZONTAL X-SECTION



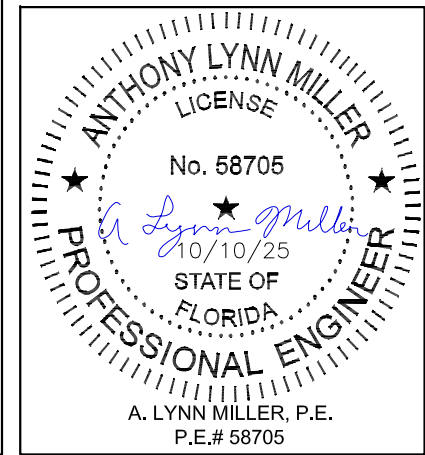
HORIZONTAL X-SECTION

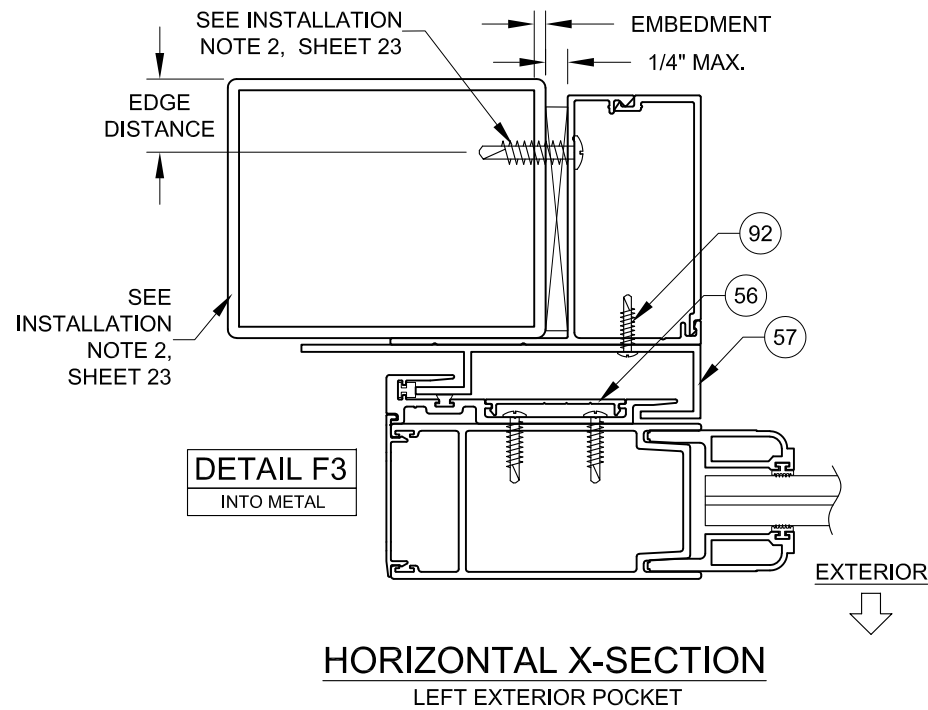
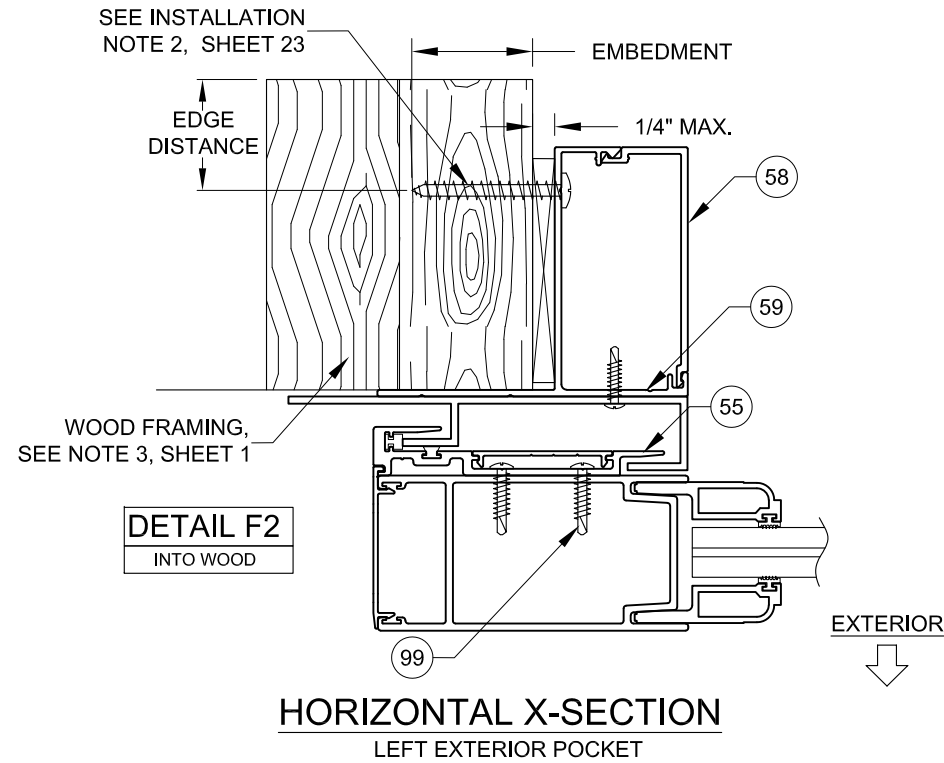
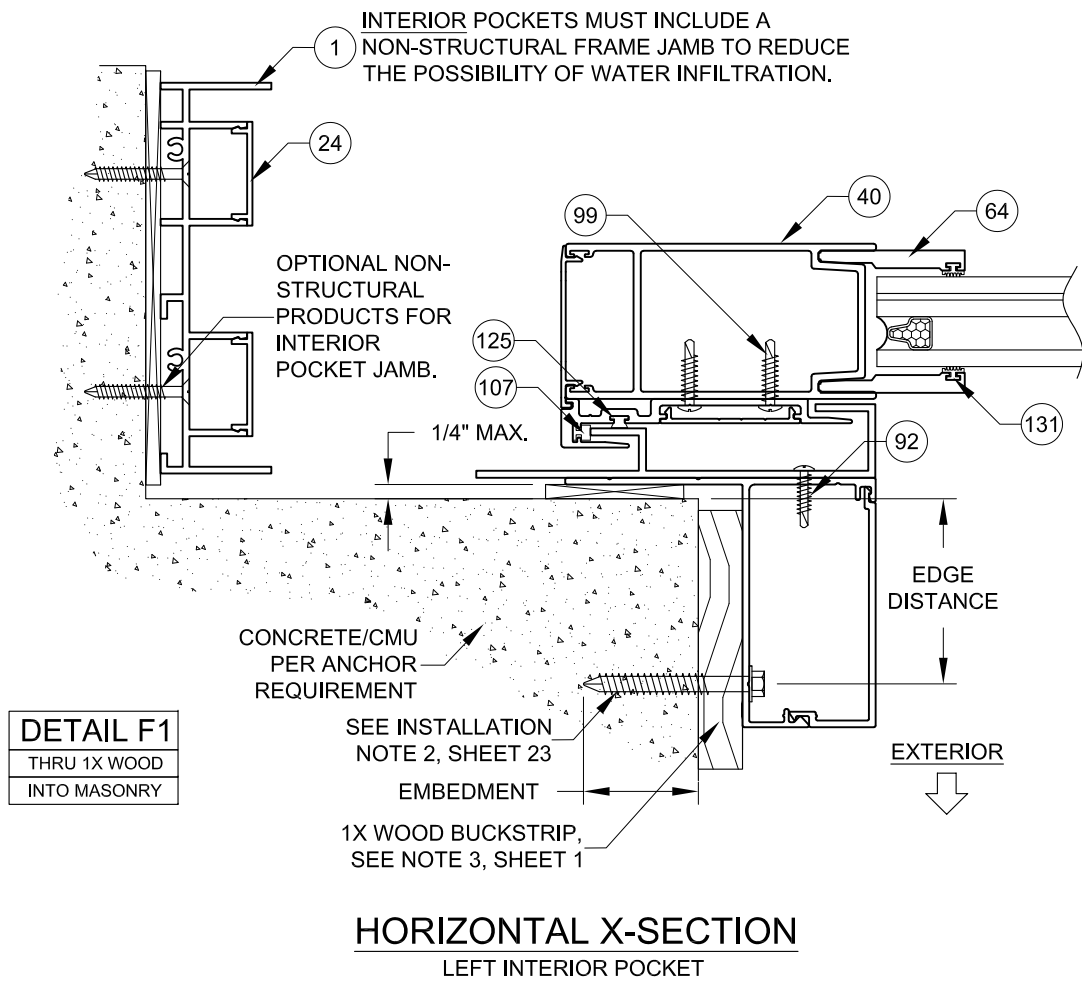
NOTES:

- 1) SEE INSTALLATION NOTES, SHEET 23.
- 2) GLAZING MAY BE EITHER MONOLITHIC OR INSULATED IN ANY CONFIGURATION.

- DLO WIDTH = NOM. STD. PANEL WIDTH - 7-11/16"
- DLO WIDTH = NOM. NARROW INTERLOCK PANEL WIDTH - 6" (1 SIDE W/ NARROW INTERLOCK)

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ALUMINUM SLIDING GLASS DOOR (LM)		Date	07/10/22
INSTALLATION DETAILS		Drawn By	JENS ROSOWSKI
Sheet	25 OF 35	DWG No.	8100FPA-LM-3
Series	SGD8100A	Desc.	





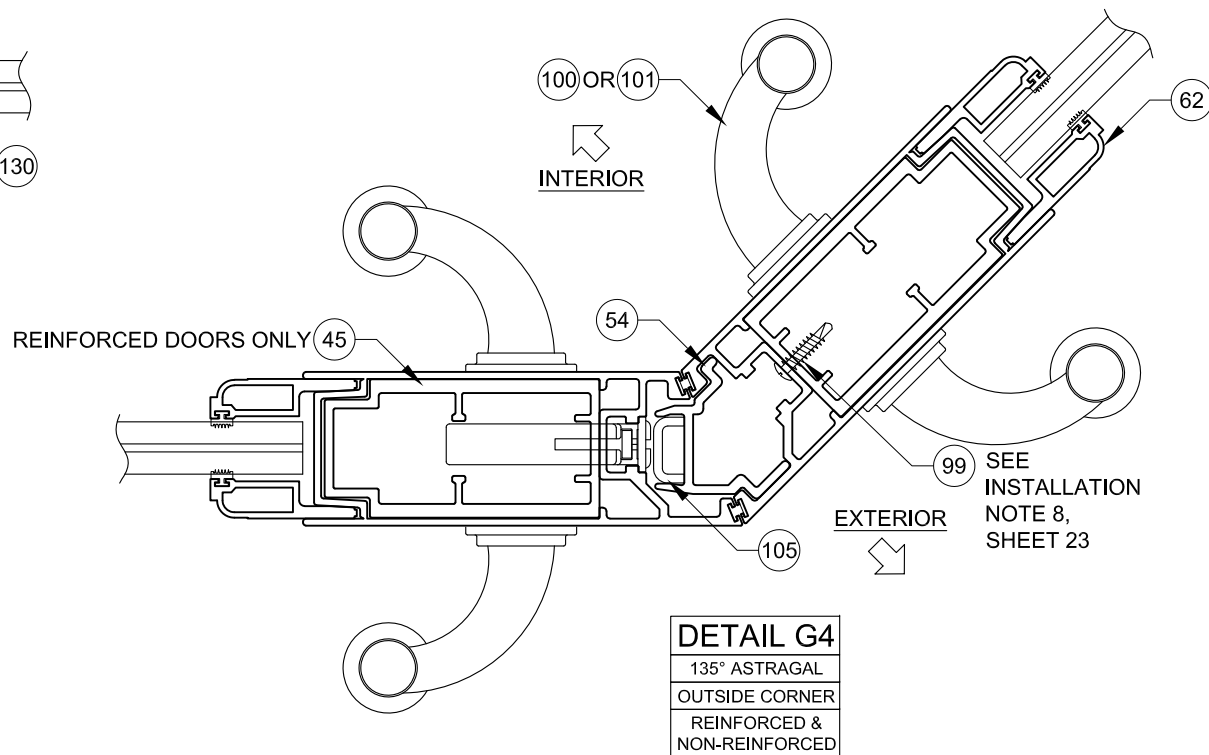
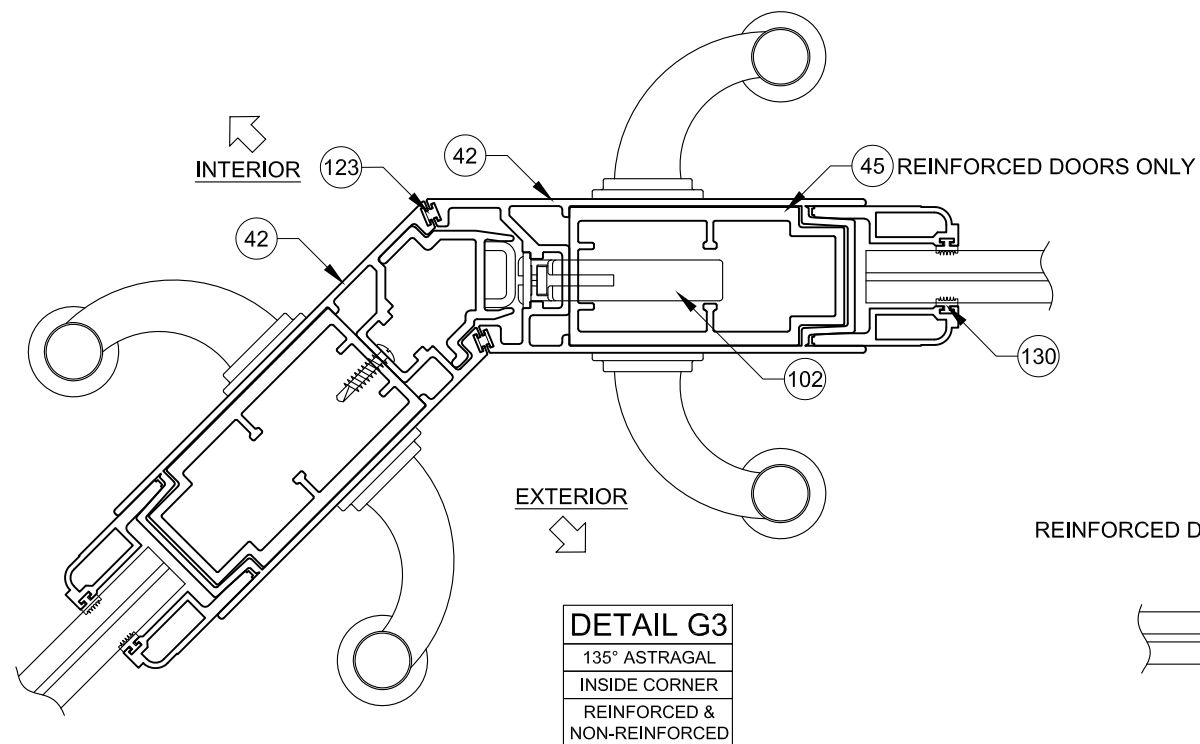
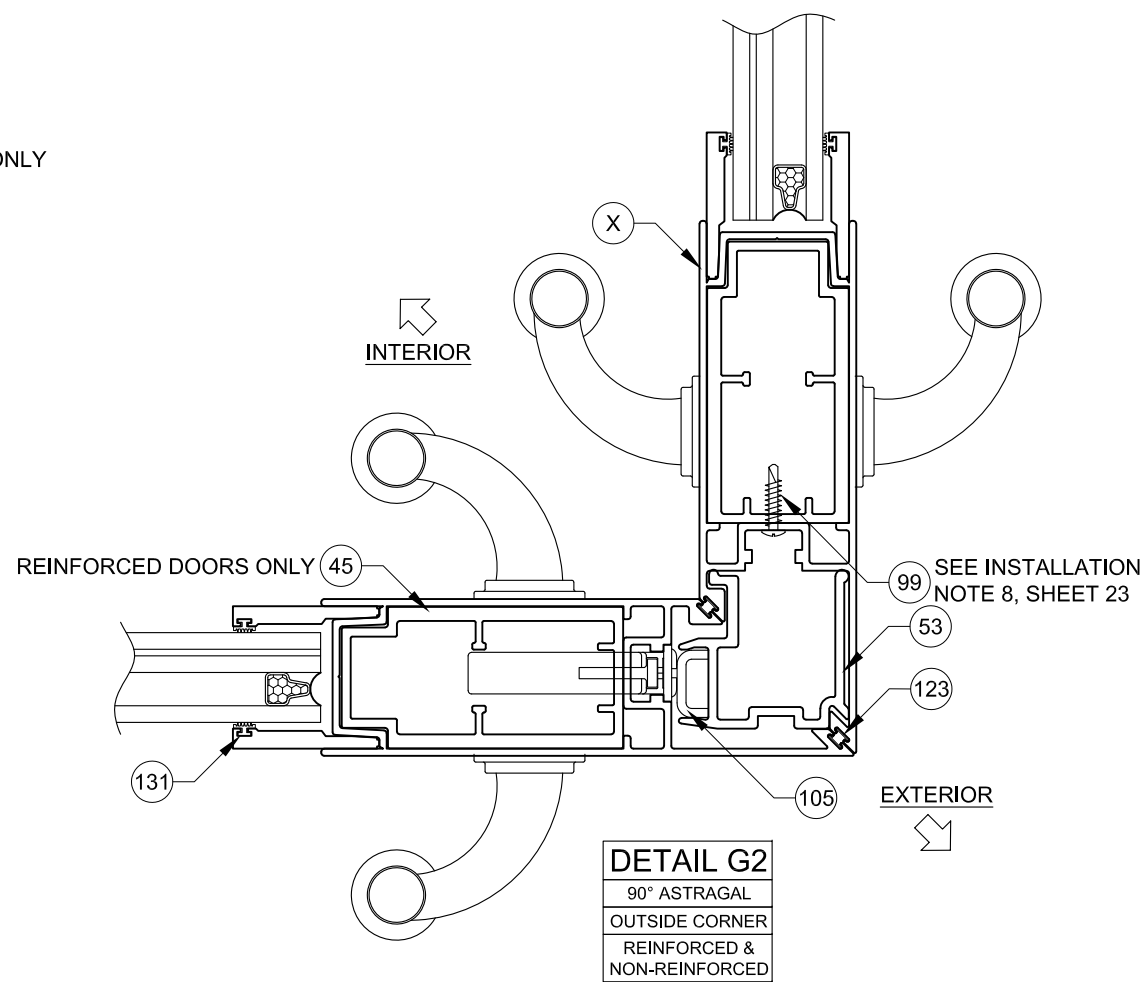
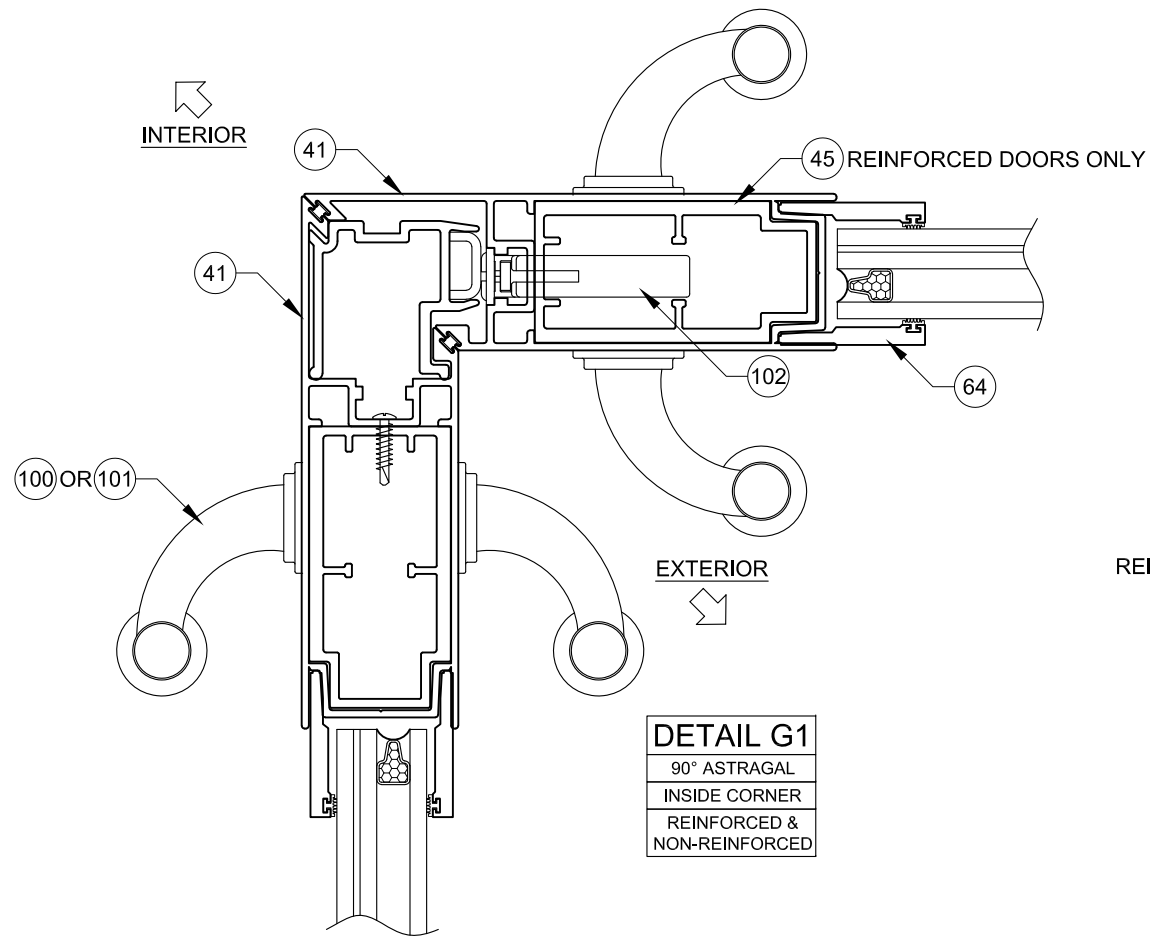
NOTES:

- 1) SEE INSTALLATION NOTES, SHEET 23.
- 2) GLAZING MAY BE EITHER MONOLITHIC OR INSULATED IN ANY CONFIGURATION.

- DLO WIDTH = NOM. STD. PANEL WIDTH - 7-11/16"
- DLO WIDTH = NOM. NARROW INTERLOCK PANEL WIDTH - 6" (1 SIDE W/ NARROW INTERLOCK)

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WINDOOR		INSTALLATION DETAILS		8100FPA-LM-3	
SGD8100A		26 OF 35		DWG No.	
Series		Desc.		Title	

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/10/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



NOTES:

- 1) GLAZING MAY BE EITHER MONOLITHIC OR INSULATED IN ANY CONFIGURATION.

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	WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432	CORNER DETAILS		27 OF 35	SGD8100A		

ANTHONY LYNN MILLER

LICENSE

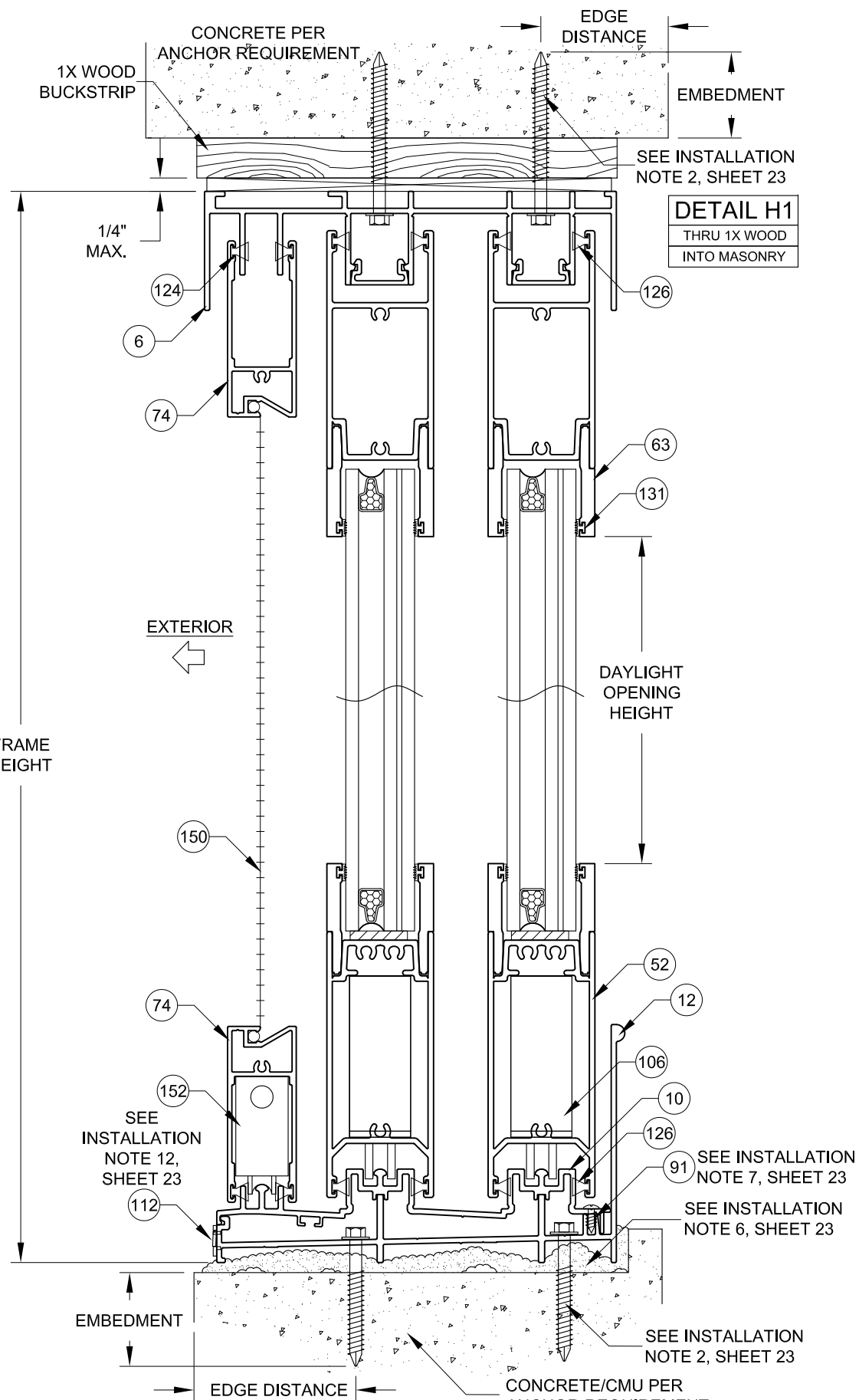
No. 58705

10/10/25

STATE OF FLORIDA

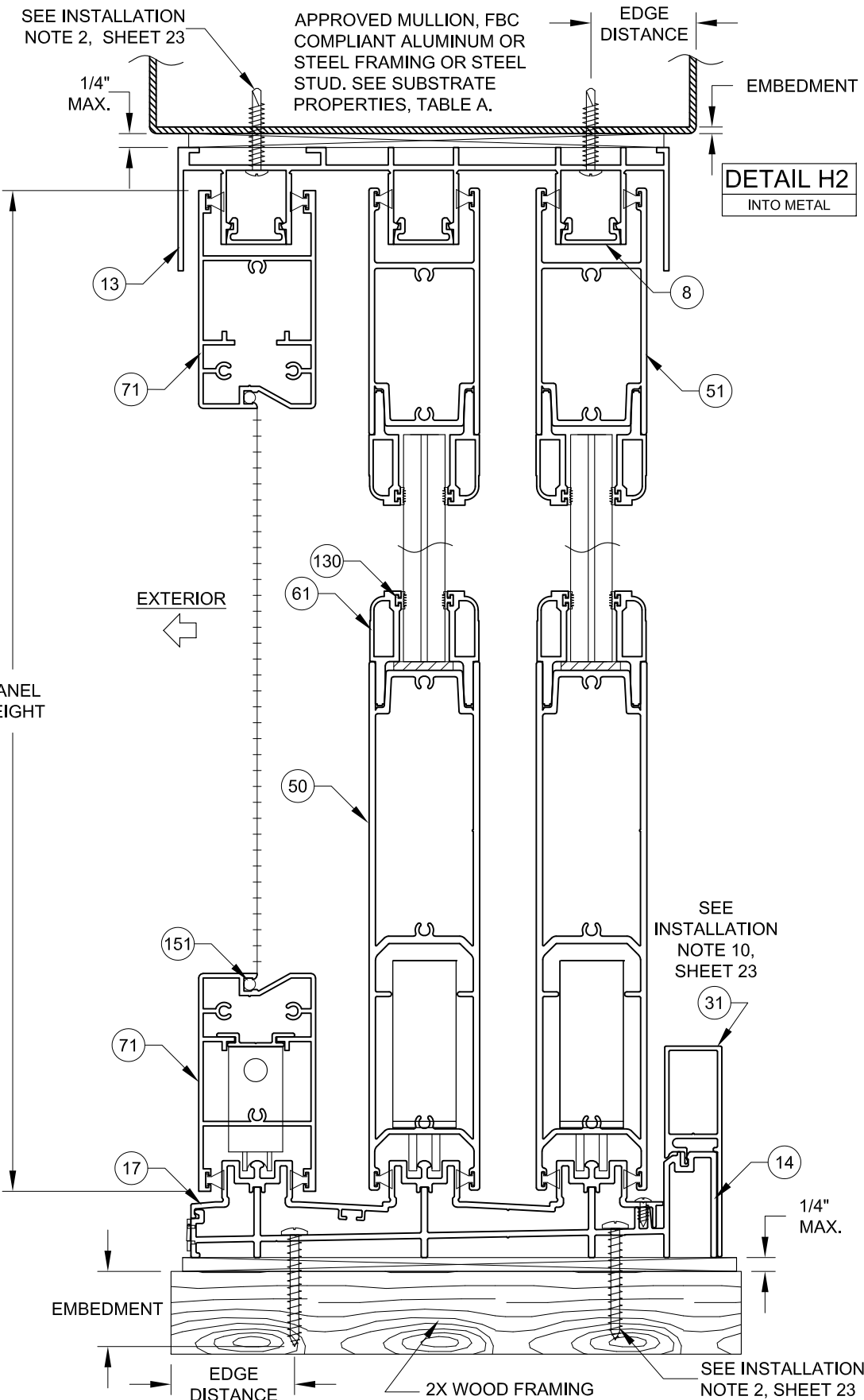
PROFESSIONAL ENGINEER

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



VERTICAL X-SECTION
2 TRACKS WITH STANDARD SCREEN

DETAIL I1
INTO MASONRY



VERTICAL X-SECTION
2 TRACKS WITH BOX SCREEN

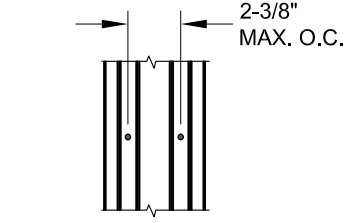
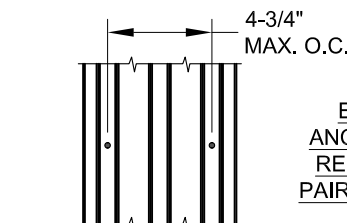
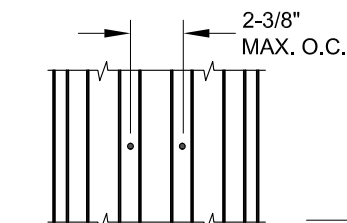
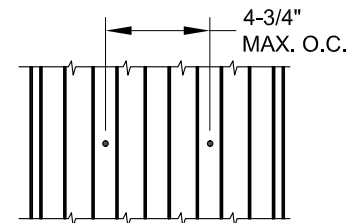
DETAIL I2
INTO 2X WOOD

- DLO HEIGHT = PANEL HEIGHT - 9-1/2" (STD. BOT. RAIL)
- DLO HEIGHT = PANEL HEIGHT - 5-7/8" (TALL BOT. RAIL)
- PANEL HEIGHT = DOOR HEIGHT - 1-9/16"

NOTES:
1) SEE INSTALLATION NOTES, SHEET 23.
2) GLAZING MAY BE EITHER MONOLITHIC OR INSULATED IN ANY CONFIGURATION.

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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N. VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (LM)	
INSTALLATION DETAILS		By	JENS ROSOWSKI
SGD8100A		DWG No.	8100FPA-LM-3
28 OF 35		Sheet	
Series		Desc.	

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/10/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



JAMB ANCHOR O.C.
2, 3, 4 & 5 TRACK

EACH JAMB
ANCHOR SHOWN
REPRESENTS A
PAIR OF ANCHORS

21" MAX. O.C.,
SEE TABLES 1-19
FOR QUANTITY.

SILL WEEPHOLES ARE 1" X
3/16" AND ARE LOCATED AT
6" FROM EACH JAMB AND AT
THE MEETING POINT OF 2
ADJACENT PANELS.

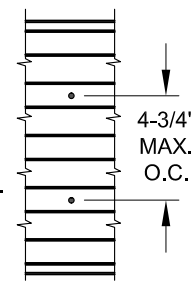
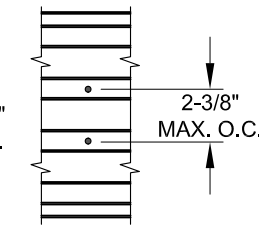
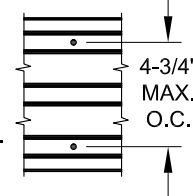
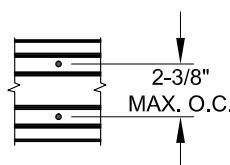
EACH HEAD
ANCHOR SHOWN
REPRESENTS A
PAIR OF ANCHORS

ANCHOR PAIR AT
EACH CORNER.

24" MAX. O.C.,
ADDITIONAL ANCHOR
PAIR MAY BE REQUIRED
FOR LONGER SPANS,
SEE TABLES 1-19.

SEE SHEETS 30-32 FOR
ANCHOR CLUSTER
SPACING, TABLES 1-19
FOR QUANTITY.

HEAD ANCHOR O.C.
2, 3, 4 & 5 TRACK



HOOKSTRIP
(SINGLE ROW OF
ANCHORS)

POCKET
WALL
UNDER
SEPARATE
APPROVAL

17" MAX. O.C.,
SEE TABLES 1-19
FOR QUANTITY.

144" MAX.
FRAME
HEIGHT

DAYLIGHT
OPENING
HEIGHT

DAYLIGHT
OPENING
WIDTH

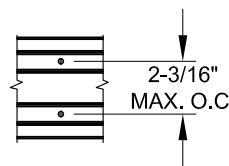
EACH SILL
ANCHOR SHOWN
REPRESENTS A
PAIR OF ANCHORS

24" MAX. O.C.,
ADDITIONAL ANCHOR
PAIR MAY BE REQUIRED
FOR LONGER SPANS,
SEE TABLES 1-19.

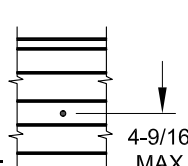
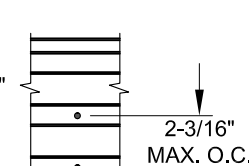
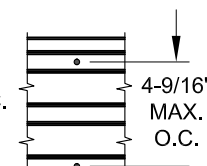
SEE SHEETS 30-32 FOR
ANCHOR CLUSTER
SPACING, TABLES 1-19
FOR QUANTITY.

ANCHOR PAIR AT
EACH CORNER.

ANCHOR LOCATIONS
XXXXP SHOWN, OTHERS SIMILAR



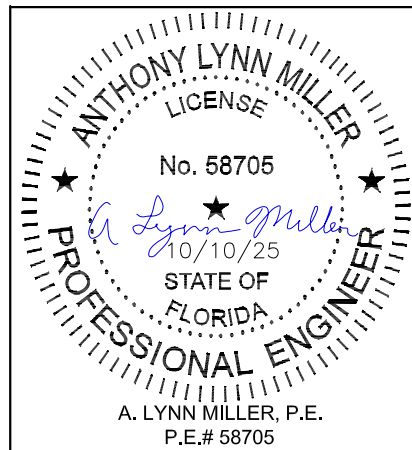
SILL ANCHOR O.C.
2, 3, 4 & 5 TRACK

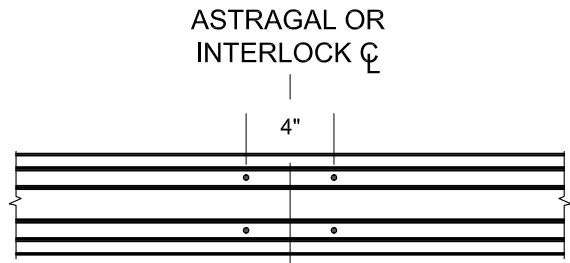


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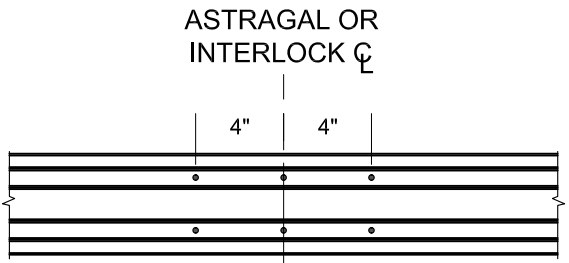
1) TYPICAL MAX. O.C.
DIMENSIONS SHOWN.

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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N. VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (LM)	ANCHOR LOCATIONS	SGD8100A	29 OF 35

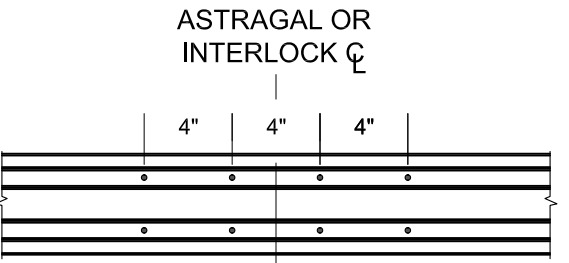




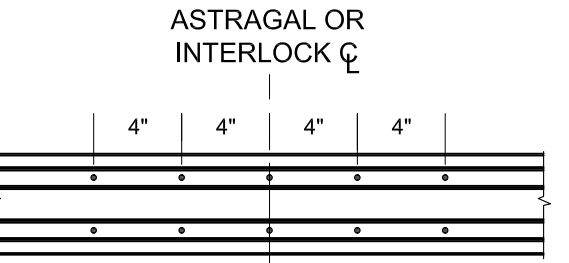
4 ANCHOR CLUSTER O.C.
2 TRACKS, STRAIGHT UNIT



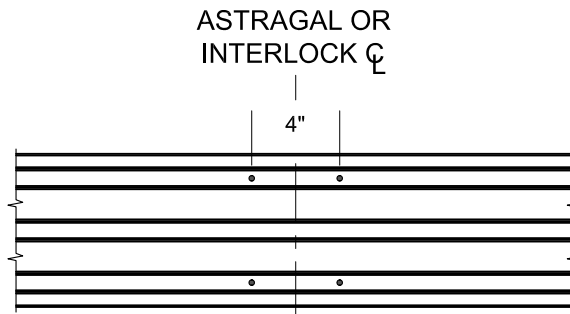
6 ANCHOR CLUSTER O.C.
2 TRACKS, STRAIGHT UNIT



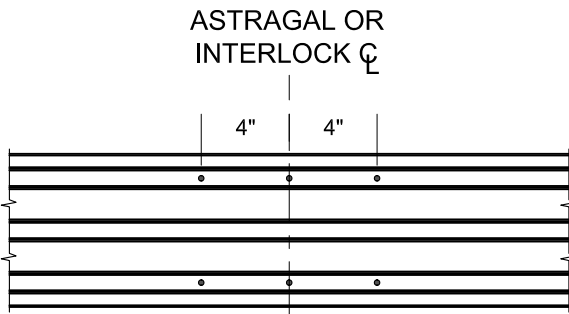
8 ANCHOR CLUSTER O.C.
2 TRACKS, STRAIGHT UNIT



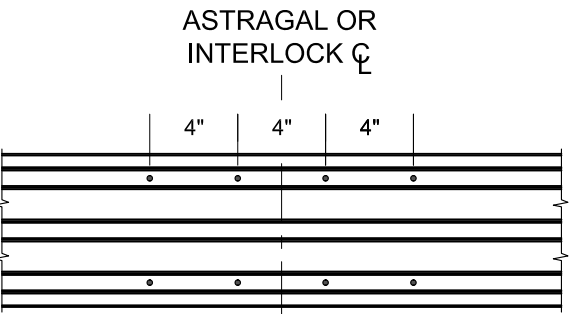
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2 TRACKS, STRAIGHT UNIT



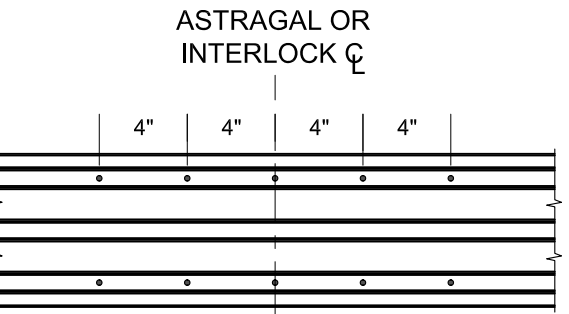
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3 TRACKS, STRAIGHT UNIT



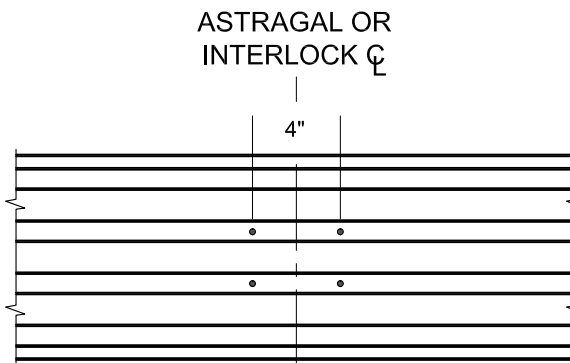
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3 TRACKS, STRAIGHT UNIT



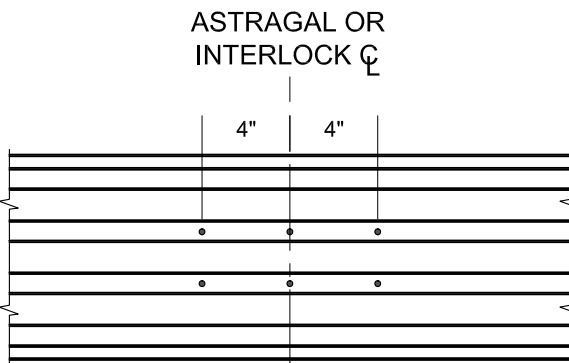
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3 TRACKS, STRAIGHT UNIT



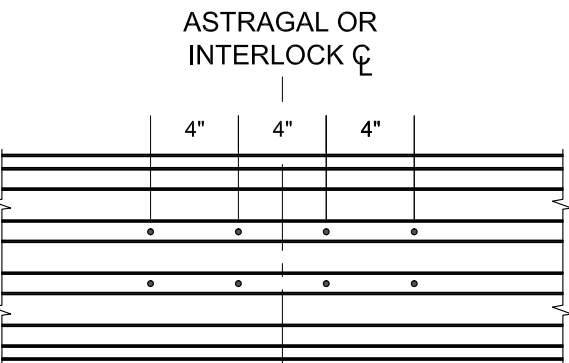
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3 TRACKS, STRAIGHT UNIT



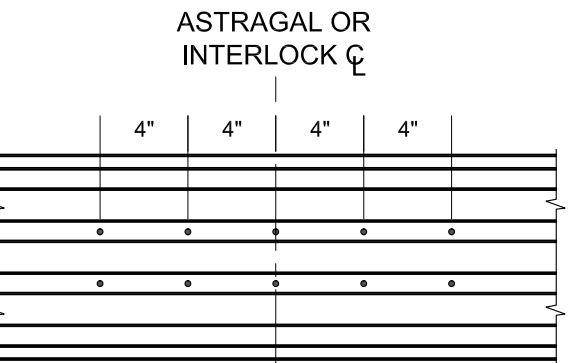
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4 TRACKS, STRAIGHT UNIT



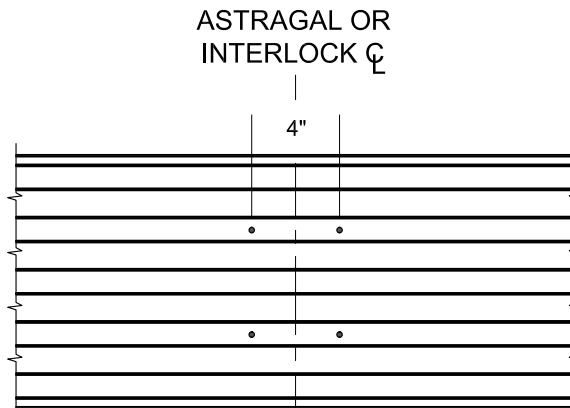
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4 TRACKS, STRAIGHT UNIT



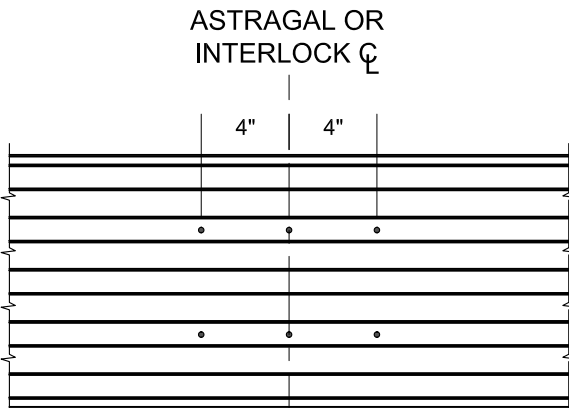
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4 TRACKS, STRAIGHT UNIT



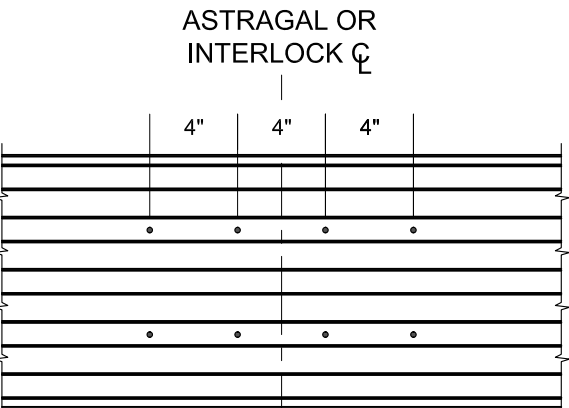
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4 TRACKS, STRAIGHT UNIT



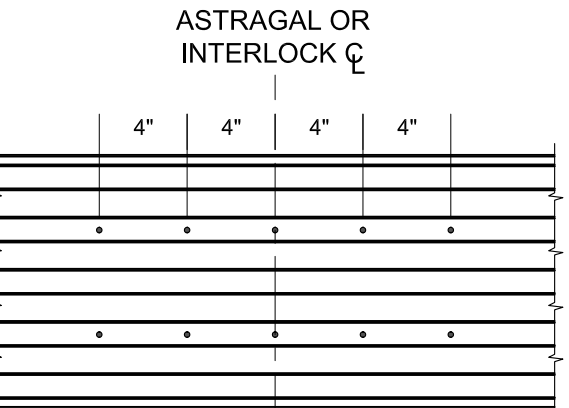
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5 TRACKS, STRAIGHT UNIT



6 ANCHOR CLUSTER O.C.
5 TRACKS, STRAIGHT UNIT



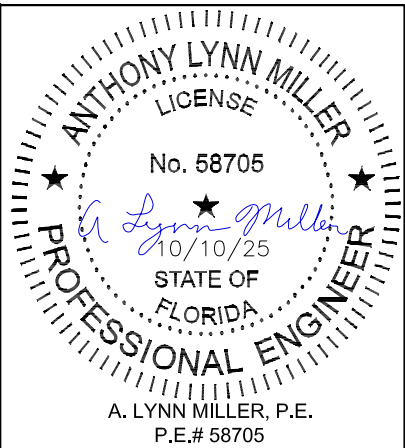
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5 TRACKS, STRAIGHT UNIT



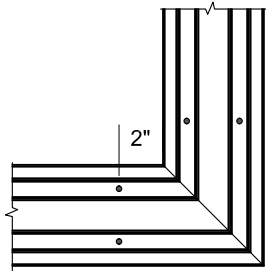
10 ANCHOR CLUSTER O.C.
5 TRACKS, STRAIGHT UNIT

- NOTES:
- 1) TYPICAL MAX. O.C. DIMENSIONS SHOWN.
 - 2) HEAD SHOWN, SILL SIMILAR.

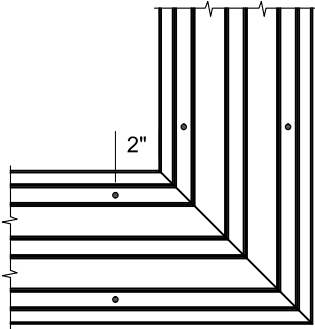
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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (LM)		ANCHOR SPACING		SGD8100A		30 OF 35	
WINDOOR		No.		DWG		Sheet		Title	
ASTRAGAL OR INTERLOCK C		By		Date		Desc.		Series	



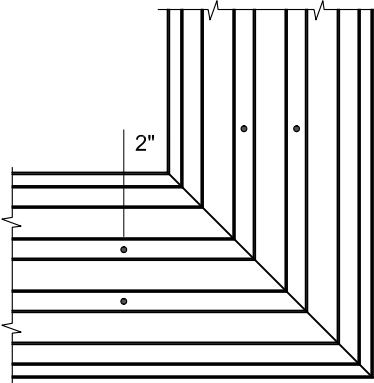
Rev.	10/10/25	F
Date	10/10/25	
SEE "REVISIONS" SHEET 1-JR		



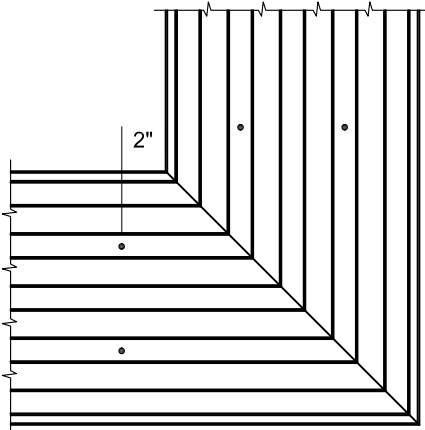
4 ANCHOR CLUSTER O.C.
2 TRACK, 90° UNIT



4 ANCHOR CLUSTER O.C.
3 TRACK, 90° UNIT



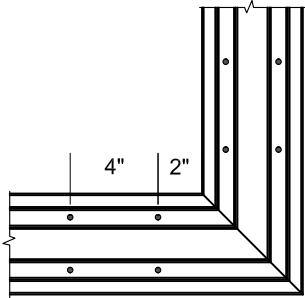
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4 TRACK, 90° UNIT



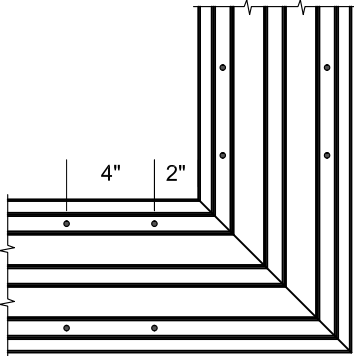
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5 TRACK, 90° UNIT

NOTES:

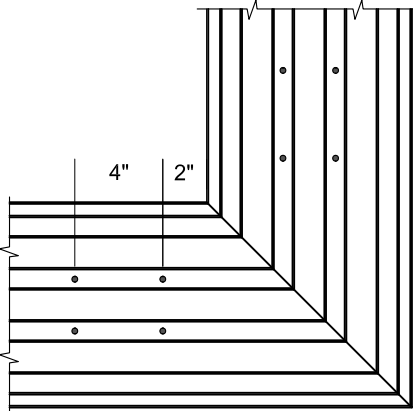
- 1) TYPICAL MAX. O.C. DIMENSIONS SHOWN.
- 2) CORNER TRACKS MAY BE INSIDE OR OUTSIDE.
- 3) CORNER ANCHOR CLUSTERS WILL BE PUNCHED IN MULTIPLES OF 4. EQUAL NUMBERS OF ANCHORS WILL BE ON EACH SIDE OF THE CORNER MITER.



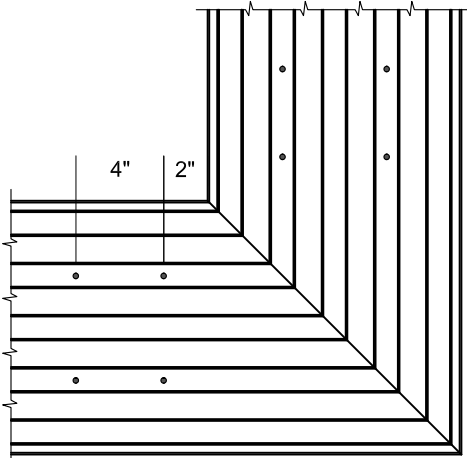
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2 TRACK, 90° UNIT



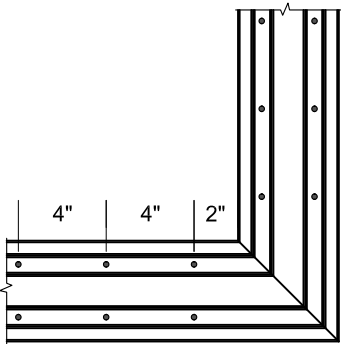
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3 TRACK, 90° UNIT



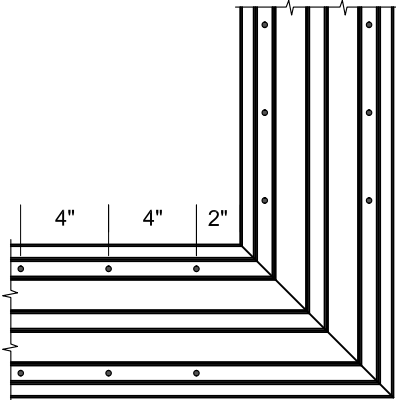
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4 TRACK, 90° UNIT



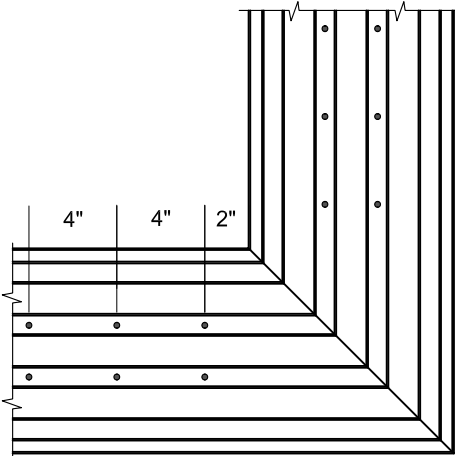
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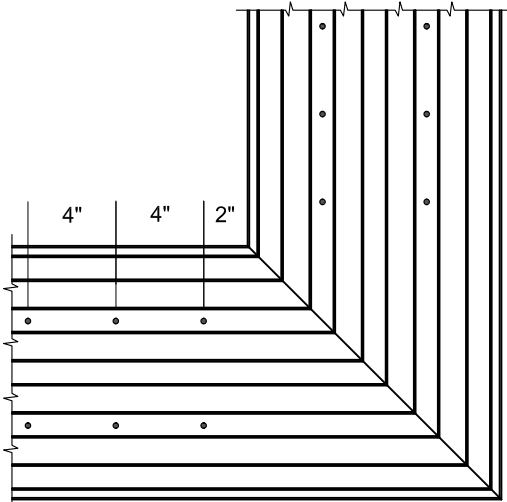
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2 TRACK, 90° UNIT



12 ANCHOR CLUSTER O.C.
3 TRACK, 90° UNIT

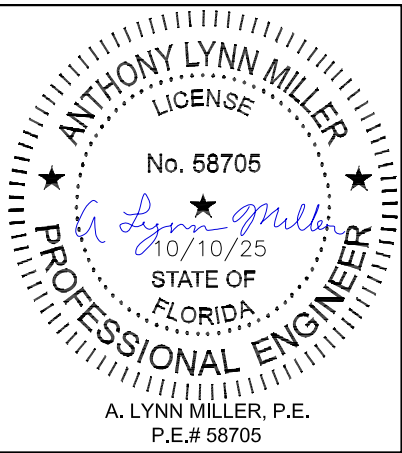


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4 TRACK, 90° UNIT

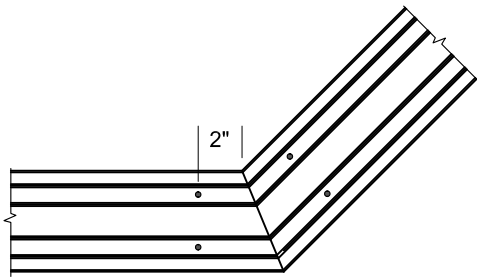


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5 TRACK, 90° UNIT

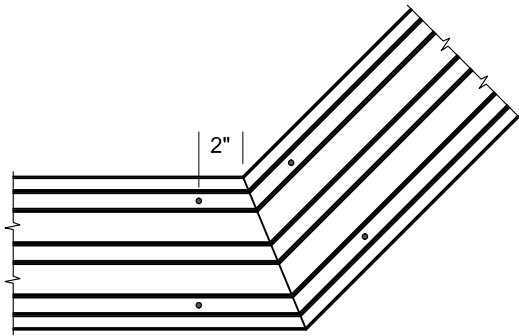
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ANCHOR SPACING		By		Date	
SGD8100A		31 OF 35		8100FPA-LM-3	
Series		Desc.		Sheet	



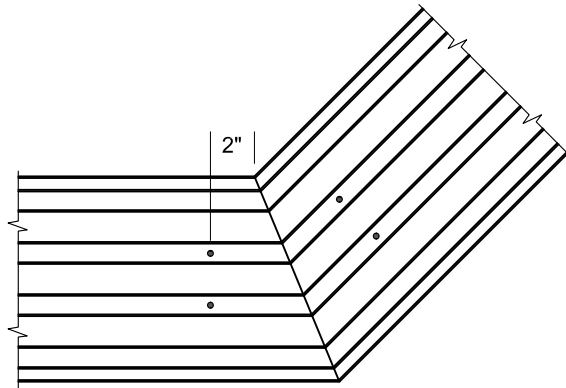
Rev.	10/10/25	F
Date	10/10/25	
See "REVISIONS" SHEET 1-JR		



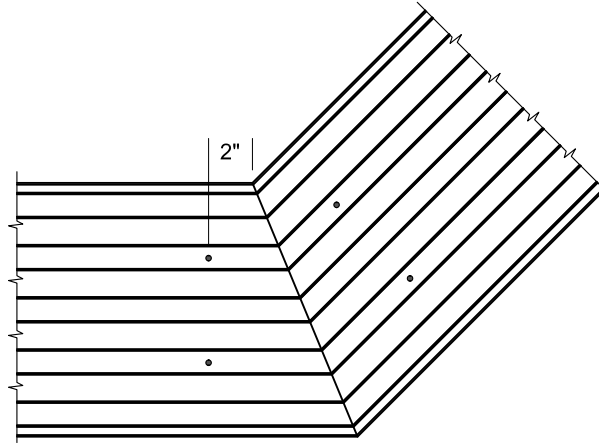
4 ANCHOR CLUSTER O.C.
2 TRACK, 135° UNIT



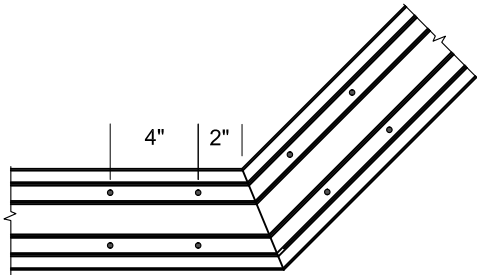
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3 TRACK, 135° UNIT



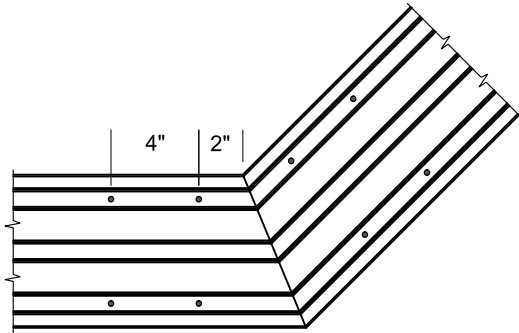
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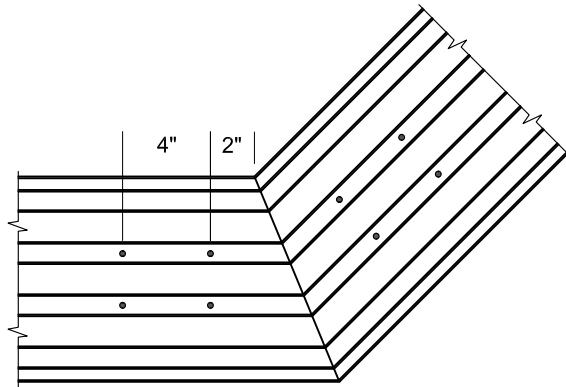
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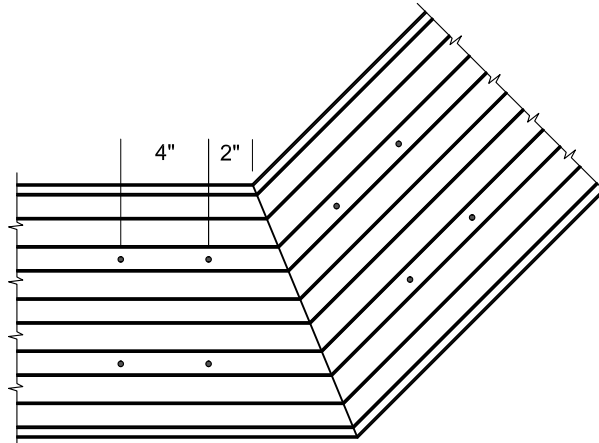
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2 TRACK, 135° UNIT



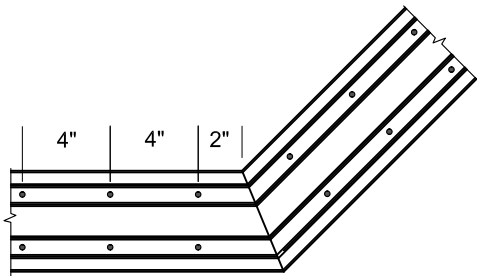
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3 TRACK, 135° UNIT



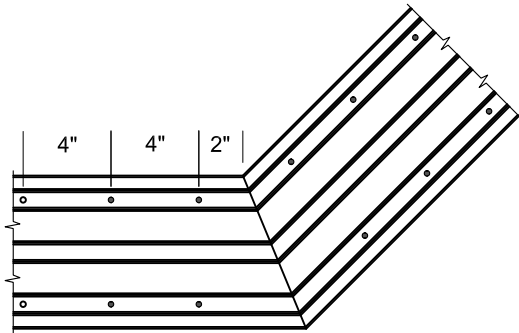
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4 TRACK, 135° UNIT



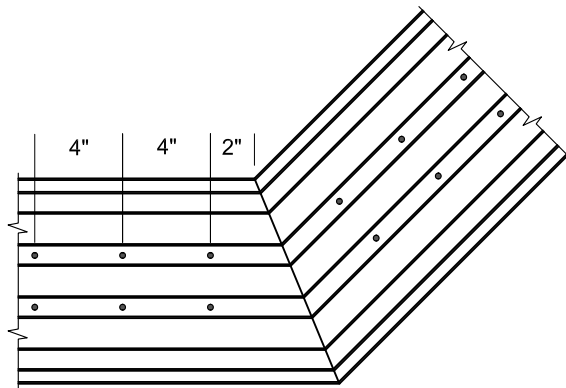
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5 TRACK, 135° UNIT



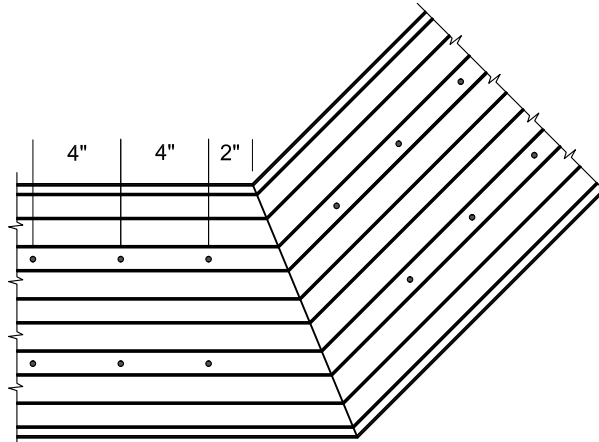
12 ANCHOR CLUSTER O.C.
2 TRACK, 135° UNIT



12 ANCHOR CLUSTER O.C.
3 TRACK, 135° UNIT



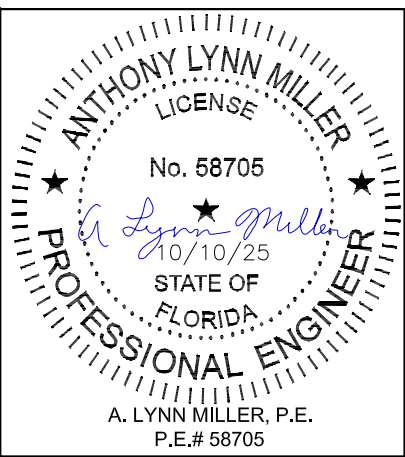
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4 TRACK, 135° UNIT



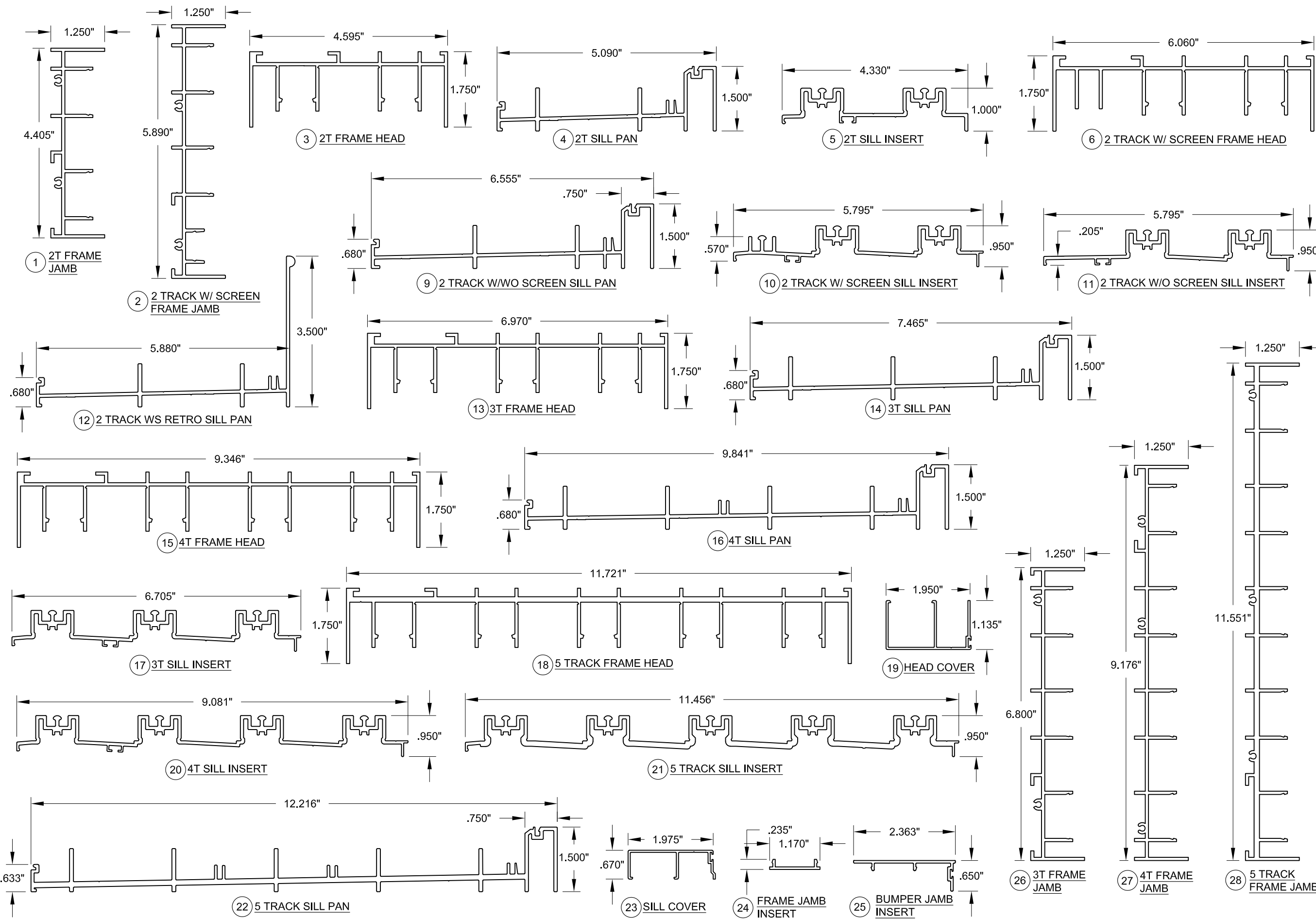
12 ANCHOR CLUSTER O.C.
5 TRACK, 135° UNIT

- NOTES:
- 1) TYPICAL MAX. O.C. DIMENSIONS SHOWN.
 - 2) CORNER TRACKS MAY BE INSIDE OR OUTSIDE.
 - 3) CORNER ANCHOR CLUSTERS WILL BE PUNCHED IN MULTIPLES OF 4. EQUAL NUMBERS OF ANCHORS WILL BE ON EACH SIDE OF THE CORNER MITER.

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			Date		
ALUMINUM SLIDING GLASS DOOR (LM)			By	ANCHOR SPACING	32 OF 35
ANCHOR SPACING			No.		
SGD8100A	Series		Desc.		Sheet



ANTHONY LYNN MILLER
LICENSE
No. 58705
10/10/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



- 7 STILE JAMB INSERT
- 8 FRAME HEAD INSERT

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EXTRUSIONS 1		By	JENS ROSOWSKI
SGD8100A		DWG No.	8100FPA-LM-3
33 OF 35		Sheet	

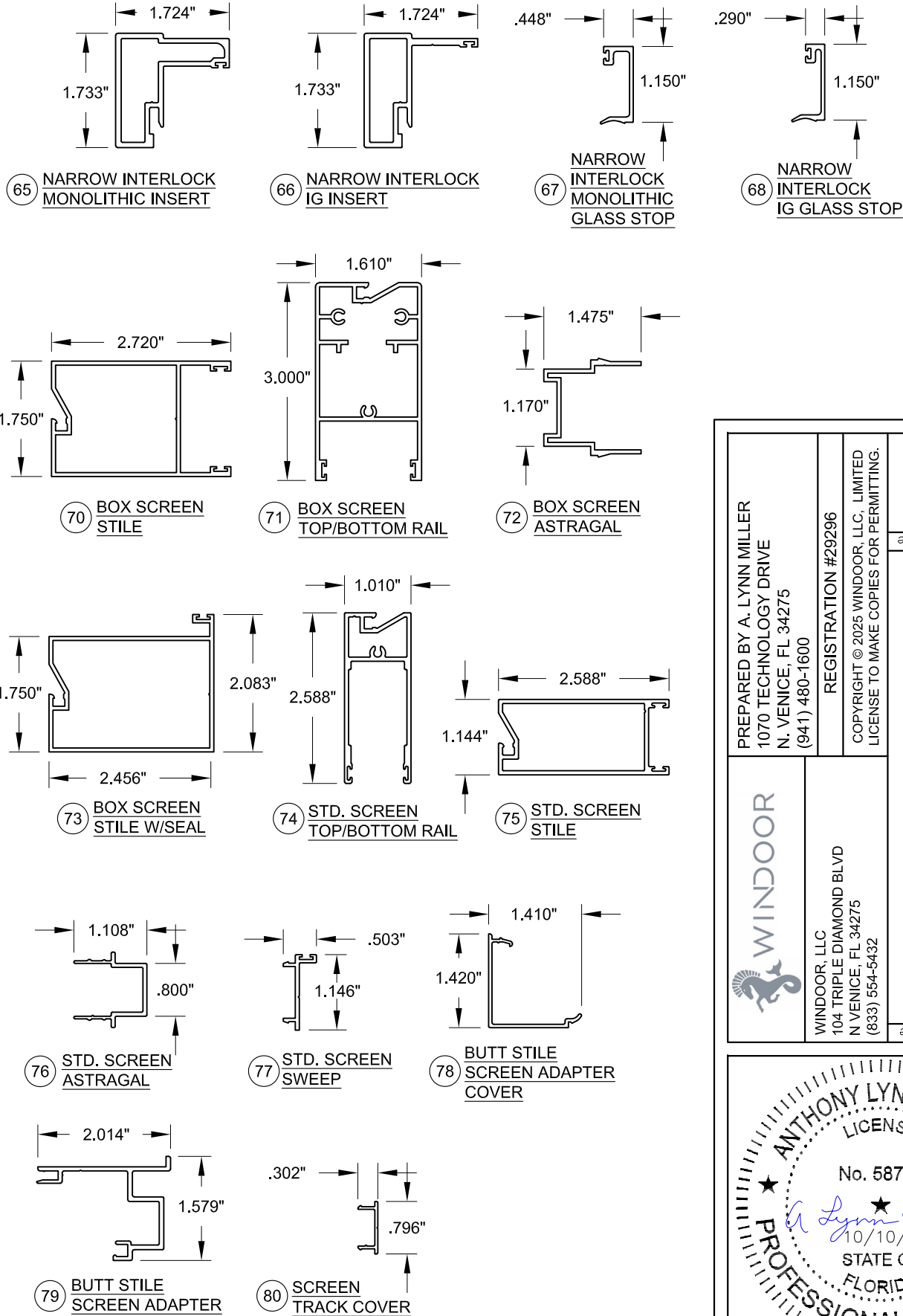
WINDOOR

ANTHONY LYNN MILLER
LICENSE
No. 58705
10/10/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE D:

ITEM #	PART #	DESCRIPTION	MATERIAL
1	11002067	2T FRAME JAMB	ALUM. 6063-T6
2	11004788	2T W/ SCREEN FRAME JAMB	ALUM. 6063-T6
3	11002068	2T FRAME HEAD	ALUM. 6063-T6
4	11044116	2T SILL PAN	ALUM. 6063-T6
5	11044122	2T SILL INSERT	ALUM. 6063-T6
6	11004641	2T W/ SCREEN FRAME HEAD	ALUM. 6063-T6
7	11002726	STILE JAMB INSERT	ALUM. 6063-T6
8	11001882	FRAME HEAD INSERT	ALUM. 6063-T6
9	11044119	2T W/WO SCREEN SILL PAN	ALUM. 6063-T6
10	11044121	2T W/ SCREEN SILL INSERT	ALUM. 6063-T6
11	11044115	2T W/O SCREEN SILL INSERT	ALUM. 6063-T6
12	11044120	2T W/WO SCREEN RETRO SILL PAN	ALUM. 6063-T6
13	11002180	3T FRAME HEAD	ALUM. 6063-T6
14	11044123	3T SILL PAN	ALUM. 6063-T6
15	11002071	4T FRAME HEAD	ALUM. 6063-T6
16	11044118	4T SILL PAN	ALUM. 6063-T6
17	11044117	3T SILL INSERT	ALUM. 6063-T6
18	11010443	5T FRAME HEAD	ALUM. 6063-T6
19	11002210	HEAD COVER	ALUM. 6063-T6
20	11044124	4T SILL INSERT	ALUM. 6063-T6
21	11010445	5T SILL INSERT	ALUM. 6063-T6
22	11010446	5T SILL PAN	ALUM. 6063-T6
23	11002208	SILL COVER	ALUM. 6063-T6
24	11001883	FRAME JAMB INSERT	ALUM. 6063-T6
25	11006679	BUMPER JAMB INSERT	ALUM. 6063-T6
26	11002181	3T FRAME JAMB	ALUM. 6063-T6
27	11002070	4T FRAME JAMB	ALUM. 6063-T6
28	11010444	5T FRAME JAMB	ALUM. 6063-T6
29	12003693	1-3/4" SILL RISER	ALUM. 6063-T6
30	12003652	2-1/4" SILL RISER	ALUM. 6063-T6
31	12003653	3" SILL RISER	ALUM. 6063-T6
32	12003654	3-1/2" SILL RISER	ALUM. 6063-T6
33	12003655	4-1/4" SILL RISER	ALUM. 6063-T6
34	12004750	MALE BUTTSTILE, EXT.	ALUM. 6063-T6
35	12004767	FEMALE BUTTSTILE, EXT.	ALUM. 6063-T6
36	12004826	BUTTSTILE INTERLOCK	ALUM. 6063-T6
37	12010407	NARROW INTERLOCK	ALUM. 6063-T6
38	11004751	INTERLOCK COVER	ALUM. 6063-T6
39	12005044	INTERLOCK STILE	ALUM. 6063-T6
40	12001871	LOCKSTILE	ALUM. 6063-T6
41	12005889	90° CORNER STILE	ALUM. 6063-T6
42	12005811	135° CORNER STILE	ALUM. 6063-T6
43	12002642	BUTTSTILE REINF. T, SERIES 6000	ALUM. 6063-T6
44	12003570	BUTTSTILE REINFORCEMENT	ALUM. 6061-T6
45	12007870	90° & 135° CORNER STILE REINF.	ALUM. 6063-T6
46	12003916	ASTRAGAL REINFORCEMENT	ALUM. 6063-T6
47	12005045	INTERLOCK REINFORCMENT	ALUM. 6063-T6
48	12003569	SUPPLEMENT INTERLOCK REINF.	ALUM. 6061-T6
50	12004766	TALL BOTTOM RAIL	ALUM. 6063-T6
51	12001869	TOP RAIL	ALUM. 6063-T6
52	12004723	BOTTOM RAIL	ALUM. 6063-T6
53	11005890	90° CORNER CLIP	ALUM. 6063-T6
54	11005821	135° CORNER CLIP	ALUM. 6063-T6
55	11003684	HOOK STRIP	ALUM. 6063-T6
56	11004755	PLAIN STILE INTERLOCK COVER	ALUM. 6063-T6
57	11005044	PLAIN STILE ADDON INTERLOCK	ALUM. 6063-T6
58	11004476	HOOK STRIP WALL COVER	ALUM. 6063-T6
59	11004477	HOOK STRIP WALL MOUNT	ALUM. 6063-T6
60	12005391	Z-CLIP	ALUM. 6063-T6

ITEM #	PART #	DESCRIPTION	MATERIAL
61	12001877	9/16" HORIZONTAL GLASS STOP	ALUM. 6063-T6
62	12001878	9/16" VERTICAL GLASS STOP	ALUM. 6063-T6
63	11001879	1" HORIZONTAL GLASS STOP	ALUM. 6063-T6
64	11001880	1" VERTICAL GLASS STOP	ALUM. 6063-T6
65	12010548	NARROW INTERLOCK MONO. INSERT	ALUM. 6063-T6
66	12010547	NARROW INTERLOCK IG INSERT	ALUM. 6063-T6
67	11009987	NARROW INTERLOCK MONO. GLASS STOP	ALUM. 6063-T6
68	11004533	NARROW INTERLOCK IG GLASS STOP	ALUM. 6063-T6
70	12002728	BOX SCREEN STILE	ALUM. 6063-T6
71	12002727	BOX SCREEN TOP/BOTTOM RAIL	ALUM. 6063-T6
72	11005072	BOX SCREEN ASTRAGAL	ALUM. 6063-T6
73	12002729	BOX SCREEN STILE W/SEAL	ALUM. 6063-T6
74	12002300	STANDARD SCREEN TOP/BOTTOM RAIL	ALUM. 6063-T6
75	12002395	STANDARD SCREEN STILE	ALUM. 6063-T6
76	11005072	STANDARD SCREEN ASTRAGAL	ALUM. 6063-T6
77	11002209	STANDARD SCREEN SWEEP	ALUM. 6063-T6
78	11007729	BUTT STILE SCREEN ADAPTER COVER	ALUM. 6063-T6
79	11005366	BUTT STILE SCREEN ADAPTER	ALUM. 6063-T6
91	131018	#8 X 3/8" PH TYPE B SS	STAINLESS STEEL
92	131017	#8 X 1/2" PH TEK SCREW	STAINLESS STEEL
93	131016/35	#8 X 3/4" PH SMS, SCREEN ASSEMBLY	STAINLESS STEEL
94	131022	#8 X 3/4" PH TEK SCREW	STAINLESS STEEL
95	131020	#7 X 1" PH SMS, FRAME ASSEMBLY	STAINLESS STEEL
96	131011	#8 X 2" FH TEK SCREW	STAINLESS STEEL
97	131005	#10 X 1-1/4" PH SMS, PANEL ASSEMBLY	STAINLESS STEEL
98	131009	#10 X 3/4" FH TEK SCREW	STAINLESS STEEL
99	131004	#10 X 3/4" PH TEK SCREW, Z-CLIP	STAINLESS STEEL
100	1414	OLYMPUS HANDLE SET	
101	7500 A04	SIGNITURE HANDLE SET	
102	2468	DUAL POINT LOCK & KEEPER SET	STAINLESS STEEL
103	715449	LOCK OPERATING GEAR (CORNER)	
104	896624	LOCK LINKAGE (CORNER)	
105	81H01	KEEPERS (CORNER)	STAINLESS STEEL
106	1988-9000	TANDEM ROLLER	NYLON/SS
107	121049	INTERLOCK BUMPER	RUBBER
108	LCS068-N5	SNAP IN SILL GATE	PLASTIC
109	NPG	PANEL GUIDE	NYLON
120	NRAHP	PANEL ADJUSTMENT HOLE PLUG	NYLON
121	P7569AM	DUST PAD 1.244" X 0.750" X 2.34"	
122	122019	FINSEAL 0.187" X 0.130", SCREEN	
123	W231417K0	FINSEAL 0.187" X 0.140"	
124	122014	FINSEAL 0.187" X 0.400", SCREEN	
125	122002	FINSEAL 0.187" X 0.240"	
126	122003	FINSEAL 0.187" X 0.350"	
129	23083	5/16" GLAZING VINYL	VINYL 80-85 DURO.
130	121007	9/16" GLAZING VINYL	VINYL 80-85 DURO.
131	121006	1" GLAZING VINYL	VINYL 80-85 DURO.
132	121000	SETTING BLOCK, 1/8"X 1-1/4" X 2"	VINYL 80-85 DURO.
133		SIKA 552, DOW 791 OR 983	SILICONE
134		IG GLASS SPACER	VARIES
150		SCREEN	
151	121067	SCREEN SPLINE	
152	114003	SCREEN ROLLER	STAINLESS STEEL
153		SCREEN HANDLE/LOCK/KEEPER KIT	VARIES
154	1100-4501	SCREEN TRACK COVER	ALUM. 6063-T6
155	121004	9/16" GLAZING VINYL	VINYL 80-85 DURO.
156	23083	ATG GLAZING VINYL	SANTOPRENE.



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ALUMINUM SLIDING GLASS DOOR (LM)

07/10/22

JENS ROSOWSKI

By

BOM & EXTRUSIONS

Sheet

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35 OF 35

DWG No.

8100FPA-LM-3

Date

Rev.

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No. 58705
10/10/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
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P.E.# 58705