

SERIES 8100A SMALL MISSILE IMPACT-RESISTANT
2, 3, 4 & 5 TRACK SLIDING GLASS DOOR
W/WO EXT./INT. POCKETS;
0° (STRAIGHT), 90° OR 135° CONFIGURATIONS

- 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 AND INSTALLED ABOVE A HEIGHT OF 30 FT.
- 3) MASONRY ANCHORS MAY BE USED INTO WOOD AS PER TABLE 1. 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.
- 5) 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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EXTRUSIONS.....	22-24
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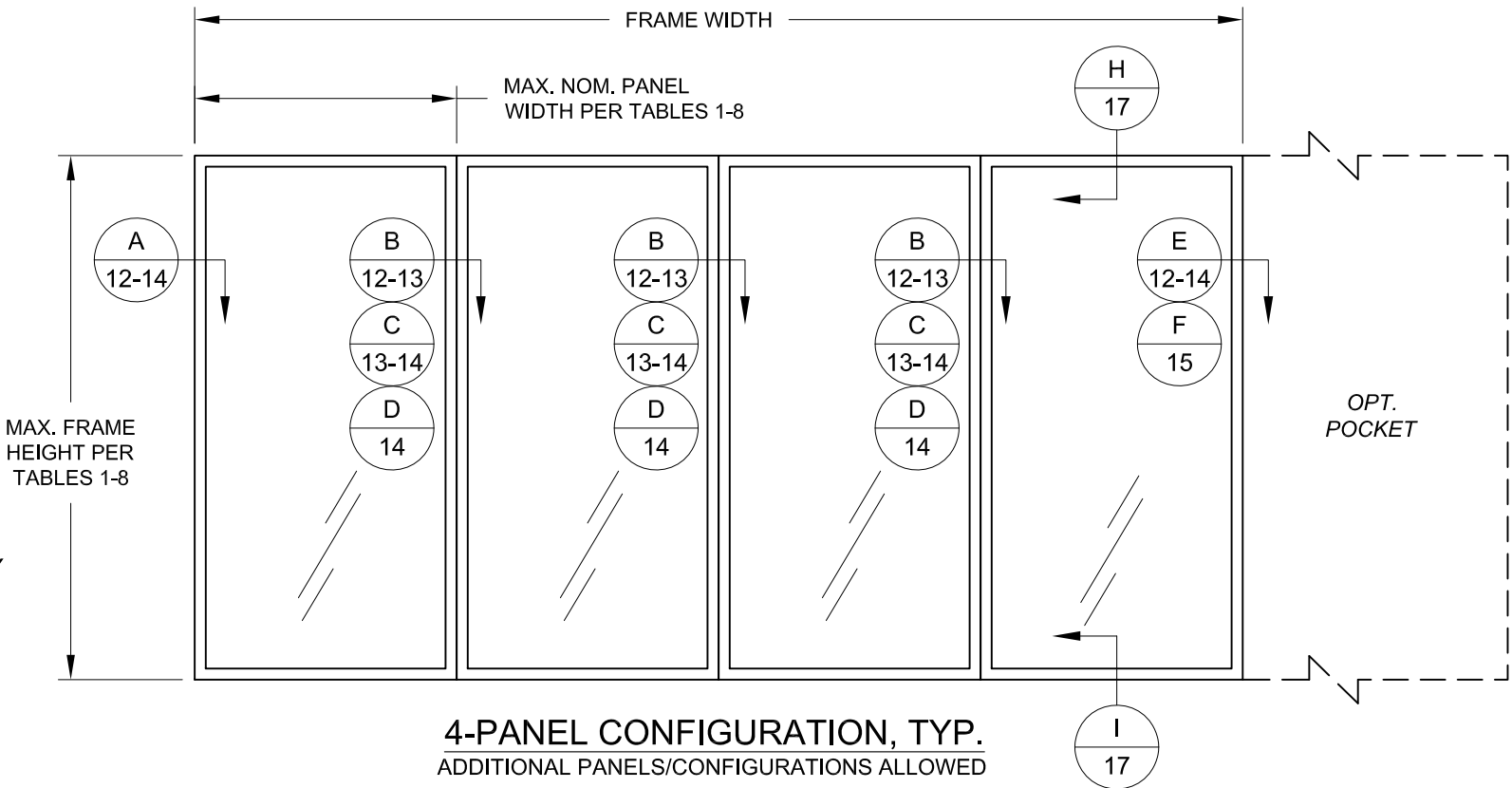
ALSO SEE LIST OF TABLES ON SHEET 2.

REVISIONS:

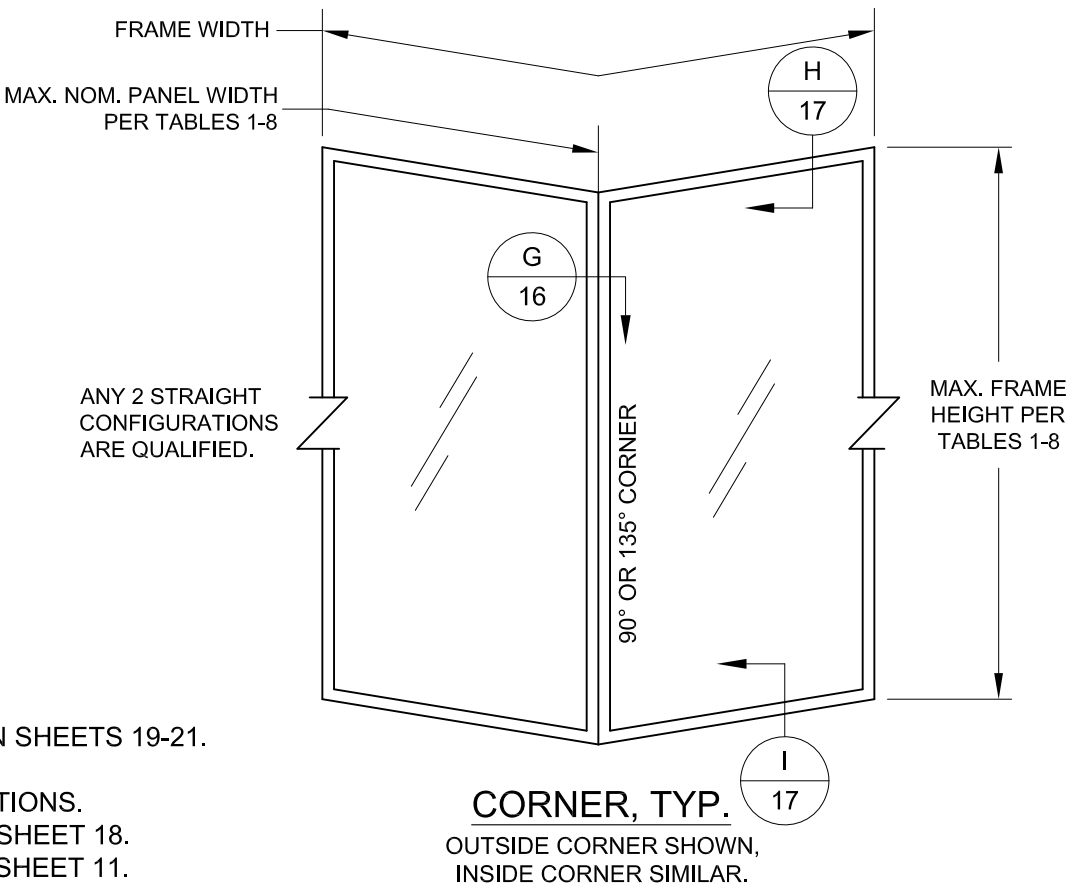
- 1) ADDED SHEETS 20 & 21.
2) ADDITIONAL ANCHOR CLUSTER LAYOUTS ON SHEETS 19-21.
3) ADDED SETTING BLOCKS TO SHEET 17.
5) REMOVED OPTIONAL FRAME ANCHOR LOCATIONS.
6) CLARIFIED CORNER ANCHOR DISTANCE ON SHEET 18.
7) ADDED GLASS TYPES 5 & 6 (1/4" TP CAP) TO SHEET 11.

FLORIDA PRODUCT APPROVAL #16755

DESIGN PRESSURE RATING	IMPACT RATING
SEE TABLES 1 - 8	RATED FOR SMALL MISSILE IMPACT RESISTANCE



4-PANEL CONFIGURATION, TYP.
ADDITIONAL PANELS/CONFIGURATIONS ALLOWED



CORNER, TYP.
OUTSIDE CORNER SHOWN,
INSIDE CORNER SIMILAR.

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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (SM)	ELEVATION & GENERAL NOTES	SGD8100A	1 OF 24
WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (SM)	ELEVATION & GENERAL NOTES	SGD8100A	1 OF 24

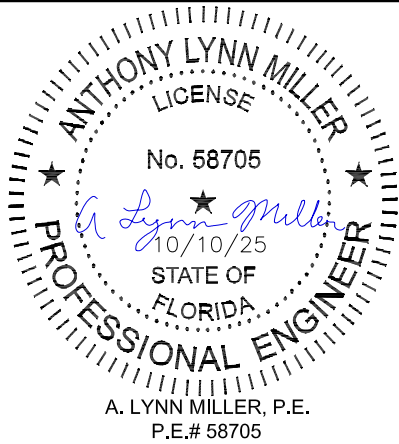


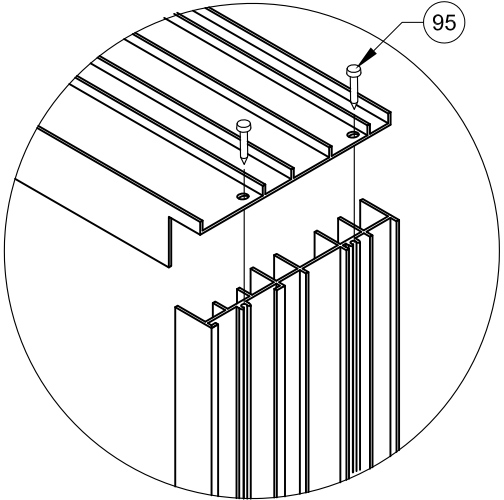
TABLE A:

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"

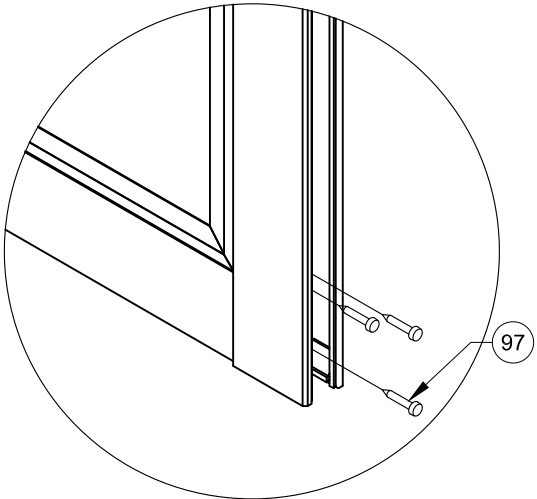
- 1) WHERE SUBSTRATE CONDITIONS REQUIRE ANCHORAGE FROM MORE THAN ONE ANCHOR GROUP, CHOOSE THE ANCHOR GROUP THAT REQUIRES THE GREATEST QUANTITY OF ANCHORS IN TABLES 1-8.
- 2) ALL ANCHOR HEAD TYPES ARE APPLICABLE.
- 3) ANCHORS MUST BE OF SUFFICIENT LENGTH SO THAT A MINIMUM OF 3 THREADS EXTEND BEYOND METAL SUBSTRATE.

Index to DP/Anchor Quantity Tables					
Table #	Sheet #	Door Configuration Angle:	Glass Types:	Interlock Type:	Stile Reinf. Required:
1	3	0°	All	Standard	No
2	4	90° & 135°	All	Standard	No
3	5	0°	All	Standard	Yes
4	6	90°	All	Standard	Yes
5	7	135°	All	Standard	Yes
6	8	0°	All	Narrow	No
7	9	90° & 135°	All	Narrow	No
8	10	0°, 90° & 135°	All	Narrow	Yes*

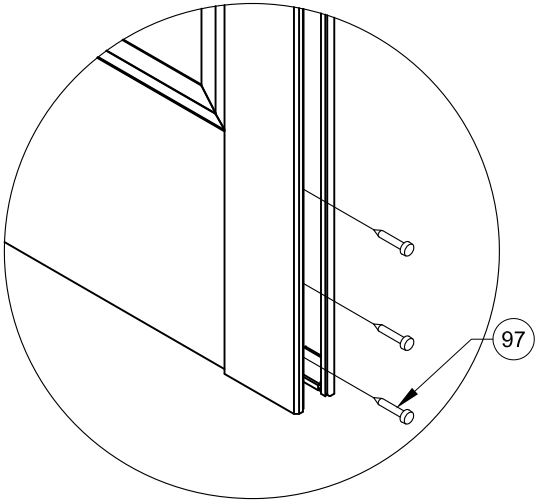
* REINFORCEMENT REQUIRED IN STILES OTHER THAN THE NARROW INTERLOCK STILE.



FRAME CORNER ASSEMBLY
2 TRACK SHOWN, OTHERS SIMILAR



PANEL CORNER ASSEMBLY
STANDARD BOTTOM RAIL



PANEL CORNER ASSEMBLY
TALL BOTTOM RAIL

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ALUMINUM SLIDING GLASS DOOR (SM)

ELEVATION & GENERAL NOTES

SGD8100A

By
JENS ROSOWSKI

Date
07/10/22

DWG No.
2 OF 24

Sheet
8100-SM

ANTHONY LYNN MILLER
LICENSE
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STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

TABLE 1:

0° Configuration Non-reinf. Stiles All Glass Types		Design Pressure and Anchor Quantities Required																			
		Nominal Panel Width / Panel DLO Width / Anchor Location																			
		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)			
Standard Interlock:		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				+55.1/-55.1							
108"	A	2	6	12	7	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	2	4	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:		+48.5/-48.5				+42.1/-42.1															
126"	A	2	4	14	8	2	4	14	8												
	B	2	4	14	8	2	4	14	8												
Design Pressure:		+42.1/-42.1				+36.5/-36.5															
132"	A	2	4	14	9	2	4	14	9												
	B	2	4	14	9	2	4	14	9												
Design Pressure:		+36.7/-36.7				+31.8/-31.8															
138"	A	2	4	14	9	2	4	14	9												
	B	2	4	14	9	2	4	14	9												
Design Pressure:		+32.3/-32.3																			
144"	A	2	4	16	9																
	B	2	2	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:

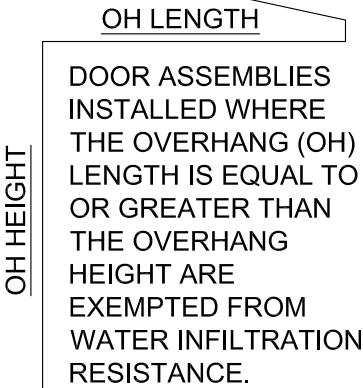


TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 1 AND TABLE C 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 SHOWN IN TABLE 1 MAY BE USED.
- 3) SEE SHEETS 18-21 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

TABLE C:

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"	+125.3 psf

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ALUMINUM SLIDING GLASS DOOR (SM)

DP AND ANCHOR QTY TABLE 1

07/10/22

JENS ROSOWSKI

8100-SM

3 OF 24

SGD8100A

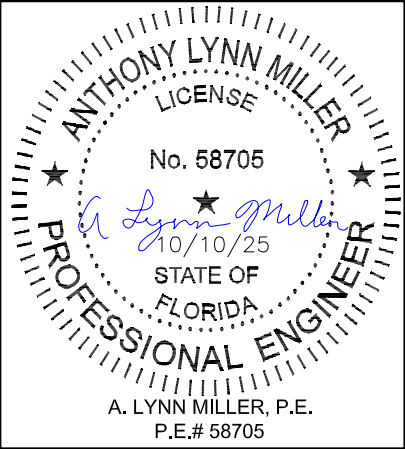


TABLE 2:

90° or 135° Config. Non-reinf. Stiles All Glass Types		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:		+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	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:		+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				
	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:		+75/-75				+75/-75				+75/-75				+75/-75				+75/-75											
90"	A	2	4	10	6	2	4	10	6	2	6	10	6	2	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								
Design Pressure:		+75/-75				+75/-75				+75/-75				+70.4/-70.4				+66.2/-66.2											
98"	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:		+75/-75				+75/-75				+72.1/-72.1				+66.7/-66.7															
102"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7												
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7												
Design Pressure:		+75/-75				+73.9/-73.9				+67/-67				+61.7/-61.7															
108"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7												
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7												
Design Pressure:		+75/-75				+69.1/-69.1				+62.5/-62.5																			
114"	A	2	6	12	7	2	6	12	7	2	6	12	7																
	B	2	4	12	7	2	4	12	7	2	4	12	7																
Design Pressure:		+73.5/-73.5				+64.9/-64.9				+58.6/-58.6																			
120"	A	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																
Design Pressure:		+67.1/-67.1				+58.2/-58.2																							
126"	A	2	6	14	8	2	6	14	8																				
	B	2	4	14	8	2	4	14	8																				
Design Pressure:		+58.2/-58.2				+50.5/-50.5																							
132"	A	2	6	14	9	2	4	14	9																				
	B	2	4	14	9	2	4	14	9																				
Design Pressure:		+50.8/-50.8				+44/-44																							
138"	A	2	4	14	9	2	4	14	9																				
	B	2	4	14	9	2	4	14	9																				
Design Pressure:		+44.6/-44.6																											
144"	A	2	4	16	9																								
	B	2	4	16	9																								

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

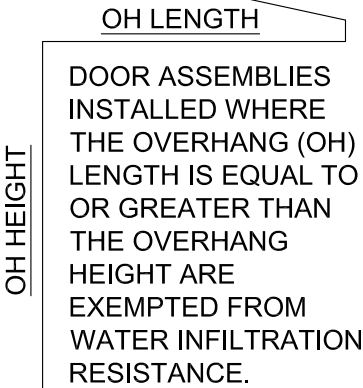
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.

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 2 AND TABLE C 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 SHOWN IN TABLE 2 MAY BE USED.
- 3) SEE SHEETS 18-21 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

TABLE C:

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"	+125.3 psf

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		4 OF 24	Sheet	
DP AND ANCHOR QTY TABLE 2		SGD8100A		
Series		Desc.		
8100-SM				

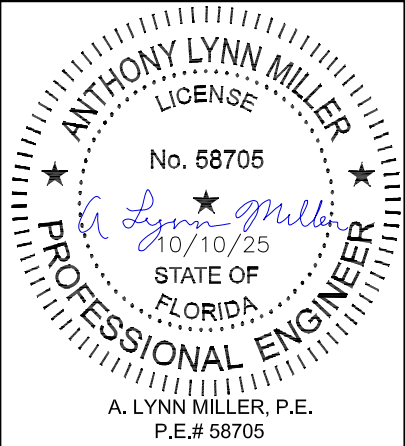


TABLE 3:

0° Configuration Reinforced Stiles All Glass Types		Design Pressure and Anchor Quantities Required																			
		Nominal Panel Width / Panel DLO Width / Anchor Location																			
		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)			
Standard Interlock:		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:		+125.3/-150				+125.3/-150				+125.3/-150				+125.3/-150				+125.3/-145.8			
80"	A	2	6	10	6	4	8	10	7	4	8	10	7	4	8	10	8	6	8	10	8
	B	2	6	10	6	2	6	10	6	4	6	10	7	4	6	10	7	4	6	10	7
Design Pressure:		+125.3/-150				+125.3/-150				+125.3/-150				+125.3/-149.3				+125.3/-137.9			
84"	A	2	8	10	7	4	8	10	7	4	8	10	8	4	8	10	8	6	10	10	9
	B	2	6	10	6	2	6	10	7	4	6	10	7	4	8	10	8	4	8	10	8
Design Pressure:		+125.3/-150				+125.3/-150				+125.3/-150				+125.3/-148.8				+125.3/-139			
90"	A	2	8	10	7	4	8	10	8	4	10	10	9	4	10	12	9	6	10	12	9
	B	2	6	10	6	2	6	10	7	4	8	10	8	4	8	10	8	4	8	10	8
Design Pressure:		+125.3/-150				+125.3/-150				+125.3/-142.7				+125.3/-132.2				+110/-110			
98"	A	2	8	12	8	4	10	12	9	4	10	12	9	4	10	12	9	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
Design Pressure:		+125.3/-150				+125.3/-149				+125.3/-135.4				+125.2/-125.2							
102"	A	2	8	12	8	4	10	12	9	4	10	12	9	4	10	12	9				
	B	2	6	12	7	2	8	12	8	4	8	12	8	4	8	12	8				
Design Pressure:		+125.3/-150				+125.3/-138.7				+125.3/-125.7				+86.6/-86.6							
108"	A	2	10	12	9	4	10	12	9	4	10	12	9	4	8	12	7				
	B	2	8	12	8	2	8	12	8	2	8	12	8	2	6	12	7				
Design Pressure:		+125.3/-146.7				+125.3/-129.8				+117.3/-117.3											
114"	A	2	10	12	9	2	10	12	9	4	10	12	9								
	B	2	8	12	8	2	8	12	8	2	8	12	8								
Design Pressure:		+125.3/-138				+121.9/-121.9				+110/-110											
120"	A	2	10	14	9	2	10	14	9	4	10	14	9								
	B	2	8	14	8	2	8	14	8	2	8	14	8								
Design Pressure:		+76.3/-76.3				+66.2/-66.2															
126"	A	2	6	14	8	2	6	14	8												
	B	2	4	14	8	2	4	14	8												
Design Pressure:		+66.1/-66.1				+57.3/-57.3															
132"	A	2	6	14	9	2	6	14	9												
	B	2	4	14	9	2	4	14	9												
Design Pressure:		+57.7/-57.7				+50/-50															
138"	A	2	6	14	9	2	6	14	9												
	B	2	4	14	9	2	4	14	9												
Design Pressure:		+50.7/-50.7																			
144"	A	2	4	16	9																
	B	2	4	16	9																

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

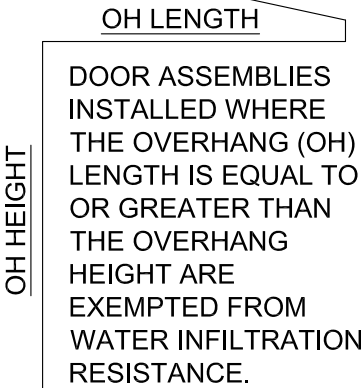
JAMB = TOTAL # OF ANCHORS THROUGH THE JAMB.

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 3 AND TABLE C 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 SHOWN IN TABLE 3 MAY BE USED.
- 3) SEE SHEETS 18-21 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

TABLE C:

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"	+125.3 psf

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WINDOOR, LLC
104 TRIPLE DIAMOND BLVD
N VENICE, FL 34275
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ALUMINUM SLIDING GLASS DOOR (SM)

DP AND ANCHOR QTY TABLE 3

07/10/22

JENS ROSOWSKI

8100-SM

5 OF 24

SGD8100A

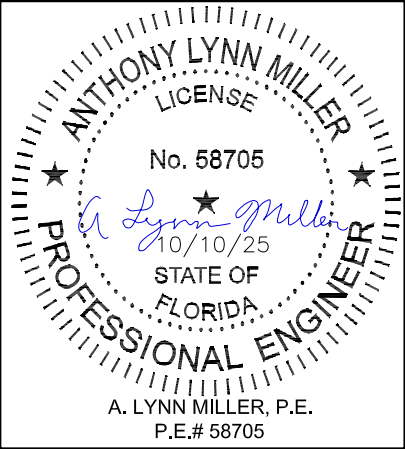


TABLE 4:

90° Configuration Reinforced Styles All Glass Types		Design Pressure and Anchor Quantities Required																			
		Nominal Panel Width / Panel DLO Width / Anchor Location																			
		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)			
Standard Interlock:		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:		+120/-120				+120/-120				+120/-120				+120/-120				+120/-120			
80"	A	2	6	10	5	2	6	10	6	4	6	10	6	4	6	10	6	4	8	10	7
	B	2	4	10	5	2	4	10	5	2	6	10	5	4	6	10	6	4	6	10	6
Design Pressure:		+120/-120				+120/-120				+120/-120				+120/-120				+120/-120			
84"	A	2	6	10	6	2	6	10	6	4	6	10	6	4	8	10	7	4	8	10	7
	B	2	4	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	7
Design Pressure:		+120/-120				+120/-120				+120/-120				+120/-120							
90"	A	2	6	10	6	2	6	10	6	4	8	10	7	4	8	10	7	6	8	10	7
	B	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	7	4	6	10	7
Design Pressure:		+120/-120				+120/-120				+120/-120				+105.9/-105.9							
98"	A	2	6	12	7	2	8	12	7	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	8	12	7	4	6	12	7
Design Pressure:		+120/-120				+120/-120				+120/-120				+113.8/-113.8							
102"	A	2	8	12	7	2	8	12	7	4	8	12	8	4	8	12	8				
	B	2	6	12	7	2	6	12	7	2	6	12	7	4	8	12	8				
Design Pressure:		+120/-120				+120/-120				+114.3/-114.3				+98.8/-98.8							
108"	A	2	8	12	7	2	8	12	8	4	8	12	8	4	8	12	8				
	B	2	6	12	7	2	6	12	7	2	8	12	7	2	6	12	7				
Design Pressure:		+120/-120				+118/-118				+106.7/-106.7											
114"	A	2	8	12	8	2	8	12	8	4	8	12	8								
	B	2	6	12	7	2	8	12	8	2	8	12	8								
Design Pressure:		+120/-120				+110.8/-110.8				+100/-100											
120"	A	2	8	14	8	2	8	14	8	2	8	14	8								
	B	2	6	14	8	2	8	14	8	2	8	14	8								
Design Pressure:		+118.5/-118.5				+104.5/-104.5															
126"	A	2	8	14	8	2	8	14	8												
	B	2	8	14	8	2	8	14	8												
Design Pressure:		+112.3/-112.3				+98.8/-98.8															
132"	A	2	8	14	9	2	8	14	9												
	B	2	8	14	9	2	8	14	9												
Design Pressure:		+106.7/-106.7				+70.4/-70.4															
138"	A	2	8	14	9	2	6	14	9												
	B	2	8	14	9	2	6	14	9												
Design Pressure:		+101.6/-101.6																			
144"	A	2	8	16	9																
	B	2	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.

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:

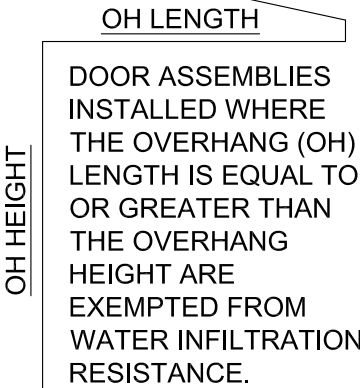


TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 4 AND TABLE C 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 SHOWN IN TABLE 4 MAY BE USED.
- 3) SEE SHEETS 18-21 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

TABLE C:

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"	+125.3 psf

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		By	JENS ROSOWSKI
WINDOOR 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (SM)		DP AND ANCHOR QTY TABLE 4
	SGD8100A		6 OF 24
Series		Desc.	8100-SM

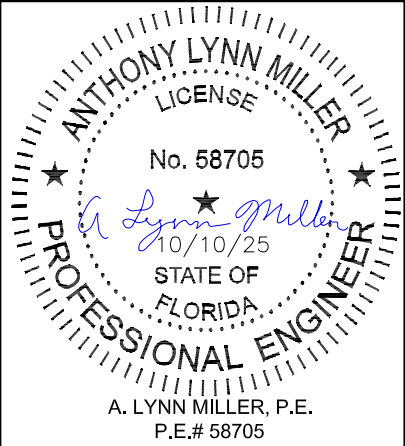


TABLE 5:

135° Configuration Reinforced Stiles All Glass Types		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:		+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
	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
Design Pressure:		+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				
	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				
Design Pressure:		+105/-105				+105/-105				+105/-105				+105/-105				+105/-105											
90"	A	2	6	10	6	2	6	10	6	4	6	10	6	4	8	10	7	4	8	10	7								
	B	2	4	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	6	10	6								
Design Pressure:		+105/-105				+105/-105				+105/-105				+105/-105				+92.6/-92.6											
98"	A	2	6	12	7	2	6	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								
Design Pressure:		+105/-105				+105/-105				+105/-105				+99.6/-99.6															
102"	A	2	6	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												
Design Pressure:		+105/-105				+105/-105				+100/-100				+86.4/-86.4															
108"	A	2	6	12	7	2	8	12	7	2	8	12	7	4	8	12	7												
	B	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7												
Design Pressure:		+105/-105				+103.2/-103.2				+93.3/-93.3																			
114"	A	2	8	12	7	2	8	12	7	2	8	12	7																
	B	2	6	12	7	2	6	12	7	2	6	12	7																
Design Pressure:		+105/-105				+97/-97				+87.5/-87.5																			
120"	A	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																
Design Pressure:		+103.7/-103.7				+91.4/-91.4																							
126"	A	2	8	14	8	2	8	14	8																				
	B	2	6	14	8	2	6	14	8																				
Design Pressure:		+98.2/-98.2				+86.5/-86.5																							
132"	A	2	8	14	9	2	8	14	9																				
	B	2	6	14	9	2	6	14	9																				
Design Pressure:		+93.3/-93.3				+61.6/-61.6																							
138"	A	2	8	14	9	2	6	14	9																				
	B	2	6	14	9	2	6	14	9																				
Design Pressure:		+88.9/-88.9																											
144"	A	2	8	16	9																								
	B	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.

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:

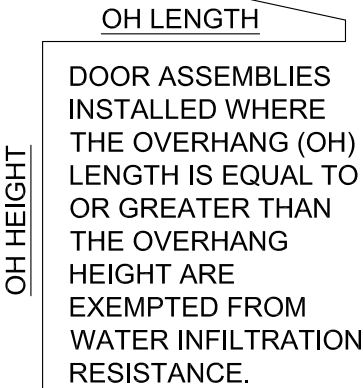


TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 5 AND TABLE C 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 SHOWN IN TABLE 5 MAY BE USED.
- 3) SEE SHEETS 18-21 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

TABLE C:

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"	+125.3 psf

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ALUMINUM SLIDING GLASS DOOR (SM)

DP AND ANCHOR QTY TABLE 5

07/10/22

JENS ROSOWSKI

8100-SM

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

TABLE 6:

0° Configuration Non-reinf. Stiles All Glass Types		Design Pressure and Anchor Quantities Required																			
		Nominal Panel Width / Panel DLO Width / Anchor Location																			
		36" (Nom.)				42" (Nom.)				48" (Nom.)				54" (Nom.)				60" (Nom.)			
Narrow Interlock:		30" (DLO)				36" (DLO)				42" (DLO)				48" (DLO)				54" (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:		+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
	B	2	4	10	5	2	4	10	5	2	4	10	5	2	4	10	5	4	4	10	5
Design Pressure:		+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
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	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/-99.7				+80/-90.8				+80/-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:		+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				+55.1/-55.1							
108"	A	2	6	12	7	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	2	4	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:		+48.5/-48.5				+42.1/-42.1															
126"	A	2	4	14	8	2	4	14	8												
	B	2	4	14	8	2	4	14	8												
Design Pressure:		+42.1/-42.1				+36.5/-36.5															
132"	A	2	4	14	9	2	4	14	9												
	B	2	4	14	9	2	4	14	9												
Design Pressure:		+36.7/-36.7				+31.8/-31.8															
138"	A	2	4	14	9	2	4	14	9												
	B	2	4	14	9	2	4	14	9												
Design Pressure:		+32.3/-32.3																			
144"	A	2	4	16	9																
	B	2	2	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:

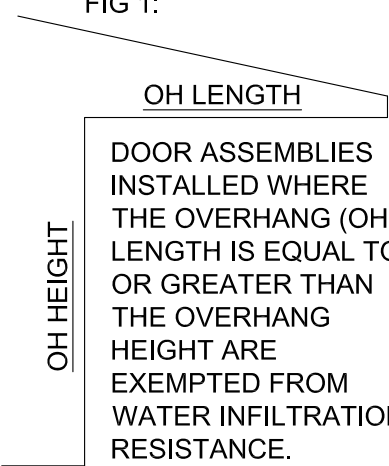


TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED,THE LESSER VALUES OF TABLE 6 AND TABLE C 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 SHOWN IN TABLE 6 MAY BE USED.
- 3) SEE SHEETS 18-21 FOR ANCHOR LOCATIONS & SPACING.
- 4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

TABLE C:

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"	+125.3 psf

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ALUMINUM SLIDING GLASS DOOR (SM)

DP AND ANCHOR QTY TABLE 6

07/10/22

JENS ROSOWSKI

8 OF 24

SGD8100A

8100-SM

8 OF 24

SGD8100A

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

TABLE 7:

90° or 135° Config. Non-reinf. Stiles All Glass Types		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.)			
Narrow Interlock:		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:		+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	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:		+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				
	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:		+75/-75				+75/-75				+75/-75				+75/-75				+75/-75											
90"	A	2	4	10	6	2	4	10	6	2	6	10	6	2	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								
Design Pressure:		+75/-75				+75/-75				+75/-75				+75/-75				+66.2/-66.2											
98"	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:		+75/-75				+75/-75				+75/-75				+71.1/-71.1															
102"	A	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7												
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7												
Design Pressure:		+75/-75				+75/-75				+71.4/-71.4				+61.7/-61.7															
108"	A	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7												
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7												
Design Pressure:		+75/-75				+73.7/-73.7				+66.7/-66.7																			
114"	A	2	6	12	7	2	6	12	7	2	6	12	7																
	B	2	4	12	7	2	4	12	7	2	4	12	7																
Design Pressure:		+75/-75				+69.3/-69.3				+62.5/-62.5																			
120"	A	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																
Design Pressure:		+74.1/-74.1				+65.3/-65.3																							
126"	A	2	6	14	8	2	6	14	8																				
	B	2	4	14	8	2	4	14	8																				
Design Pressure:		+70.2/-70.2				+61.8/-61.8																							
132"	A	2	6	14	9	2	6	14	9																				
	B	2	4	14	9	2	4	14	9																				
Design Pressure:		+66.7/-66.7				+44/-44																							
138"	A	2	6	14	9	2	4	14	9																				
	B	2	4	14	9	2	4	14	9																				
Design Pressure:		+63.5/-63.5																											
144"	A	2	6	16	9																								
	B	2	4	16	9																								

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

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

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ALUMINUM SLIDING GLASS DOOR (SM)

DP AND ANCHOR QTY TABLE 7

07/10/22

JENS ROSOWSKI

8100-SM

9 OF 24

SGD8100A

Professional Engineer Seal for Anthony Lynn Miller, License No. 58705, State of Florida, dated 10/10/25.

TABLE 8:

0°, 90° or 135° Config. Reinforced Stiles All Glass Types		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 Interlock:		30" (DLO)				36" (DLO)				42" (DLO)				48" (DLO)				54" (DLO)				60" (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:		+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
	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
Design Pressure:		+80/-100				+80/-100				+80/-100				+80/-100				+80/-100				+80/-100			
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/-100				+80/-100							
90"	A	2	6	10	6	2	6	10	6	2	6	10	6	4	6	10	6	4	8	10	7				
	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/-100				+80/-100				+80/-92.6							
98"	A	2	6	12	7	2	6	12	7	2	8	12	7	4	8	12	7	4	8	12	7				
	B	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7	4	6	12	7				
Design Pressure:		+80/-100				+80/-100				+80/-100				+80/-99.6											
102"	A	2	6	12	7	2	6	12	7	2	8	12	7	4	8	12	7								
	B	2	4	12	7	2	6	12	7	2	6	12	7	2	6	12	7								
Design Pressure:		+80/-100				+80/-100				+80/-100				+80/-86.4											
108"	A	2	6	12	7	2	8	12	7	2	8	12	7	4	8	12	7								
	B	2	6	12	7	2	6	12	7	2	6	12	7	2	6	12	7								
Design Pressure:		+80/-100				+80/-100				+80/-93.3															
114"	A	2	6	12	7	2	8	12	7	2	8	12	7												
	B	2	6	12	7	2	6	12	7	2	6	12	7												
Design Pressure:		+80/-100				+80/-97				+80/-87.5															
120"	A	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												
Design Pressure:		+80/-100				+80/-91.4																			
126"	A	2	8	14	8	2	8	14	8																
	B	2	6	14	8	2	6	14	8																
Design Pressure:		+80/-98.2				+80/-86.5																			
132"	A	2	8	14	9	2	8	14	9																
	B	2	6	14	9	2	6	14	9																
Design Pressure:		+80/-93.3				+61.6/-61.6																			
138"	A	2	8	14	9	2	6	14	9																
	B	2	6	14	9	2	6	14	9																
Design Pressure:		+80/-88.9																							
144"	A	2	8	16	9																				
	B	2	6	16	9																				

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

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 8 AND TABLE C 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 SHOWN IN TABLE 8 MAY BE USED.

3) SEE SHEETS 18-21 FOR ANCHOR LOCATIONS & SPACING.

4) TABLE APPLIES TO ALL FRAMES WITH 2-5 TRACKS AND ALL PANEL CONFIGURATIONS.

TABLE C:

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"	+125.3 psf

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ALUMINUM SLIDING GLASS DOOR (SM)

DP AND ANCHOR QTY TABLE 8

07/10/22

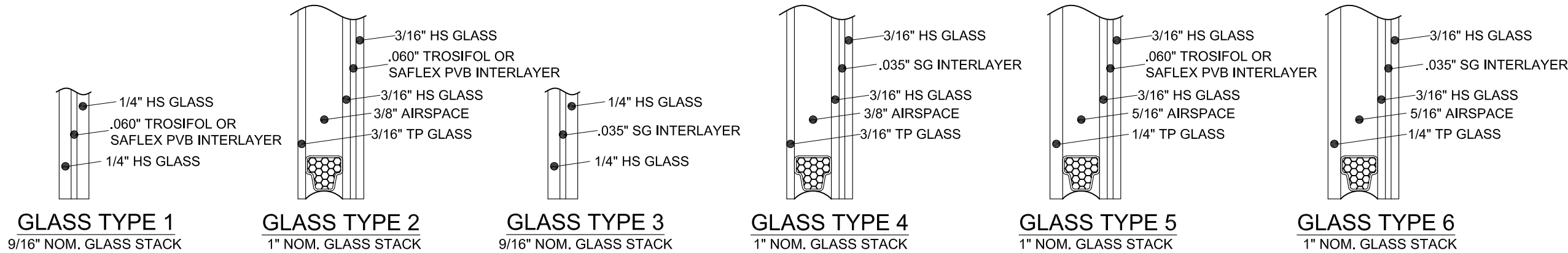
JENS ROSOWSKI

8100-SM

10 OF 24

SGD8100A

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PROFESSIONAL ENGINEER
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P.E.# 58705



EXTERIOR

INTERIOR

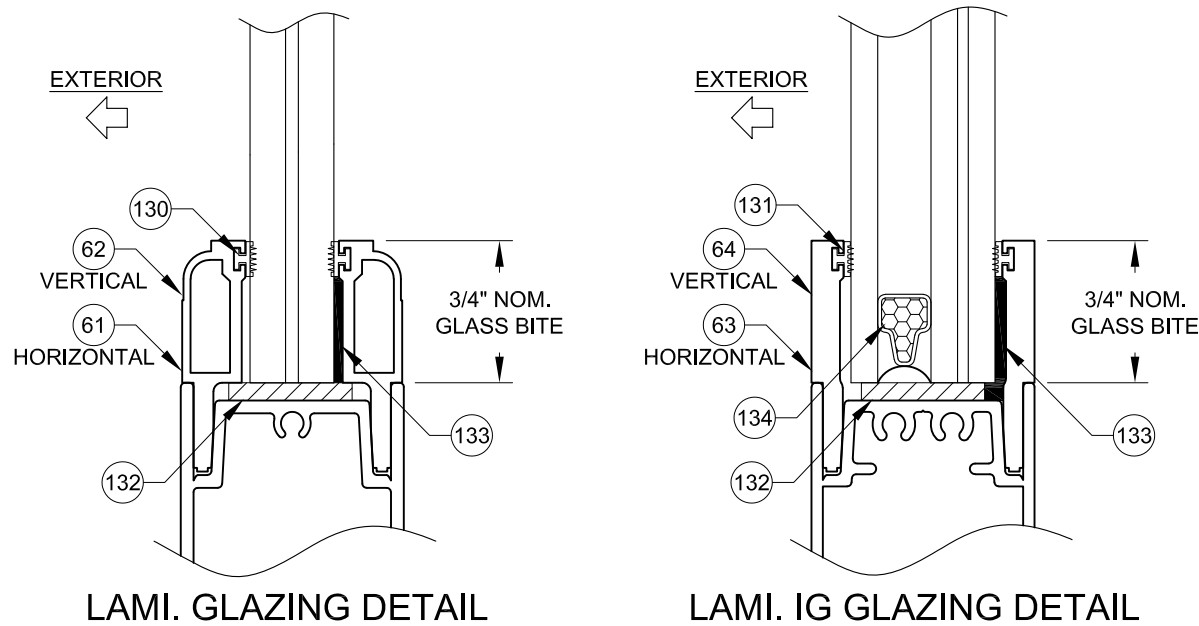


TABLE D:	
Glass Type	SM Glazing Description (Listed from Exterior to Interior)
1	9/16" LAMI: 1/4" HS - 0.060" PVB - 1/4" HS
2	1" LAMI IG: 3/16" TP Cap - 3/8" Airspace - 3/16" HS - 0.060" PVB - 3/16" HS
3	9/16" LAMI: 1/4" HS - 0.035" SG - 1/4" HS
4	1" LAMI IG: 3/16" TP Cap - 3/8" Airspace - 3/16" HS - 0.035" SG - 3/16" HS
5	1" LAMI IG: 1/4" TP Cap - 5/16" Airspace - 3/16" HS - 0.060" PVB - 3/16" HS
6	1" LAMI IG: 1/4" TP Cap - 5/16" Airspace - 3/16" HS - 0.035" SG - 3/16" HS

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

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ALUMINUM SLIDING GLASS DOOR (SM)

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JENS ROSOWSKI

8100-SM

11 OF 24

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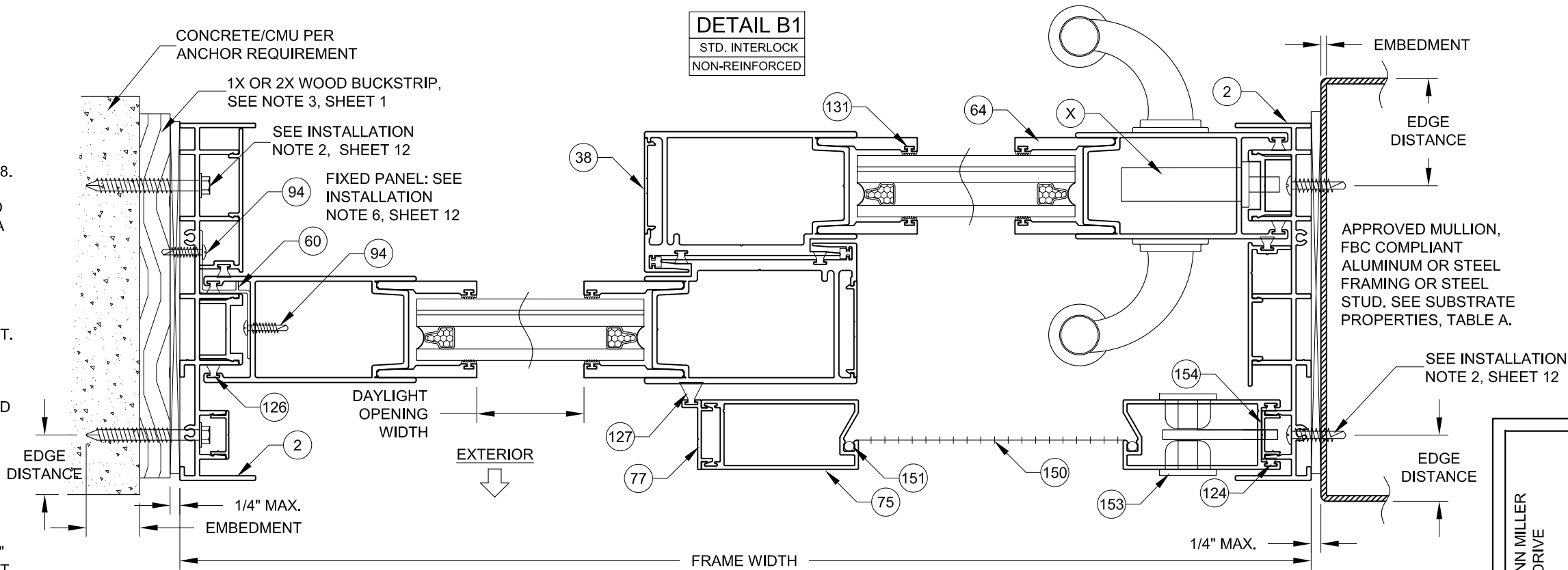
ANTHONY LYNN MILLER
LICENSE
No. 58705
10/10/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

INSTALLATION NOTES:

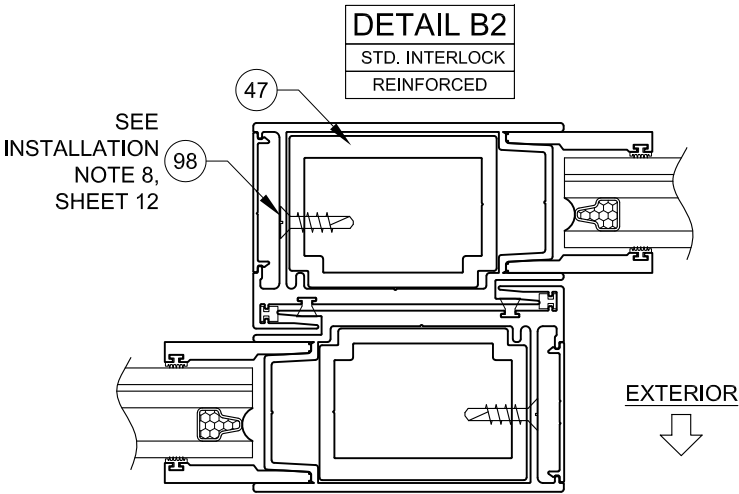
- 1) DETAILS APPLY TO 2, 3, 4 AND 5 TRACK CONFIGURATIONS. INSTALLATION ANCHORS AND SUBSTRATE DETAILS MAY APPLY TO ANY FRAME LOCATION.
- 2) SEE TABLE A FOR SPECIFIC REQUIREMENTS PER THE ANCHOR AND SUBSTRATE BEING USED.
- 3) SEE SHEETS 18-21 FOR ANCHOR LOCATIONS & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1-8.
- 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 1-8 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.



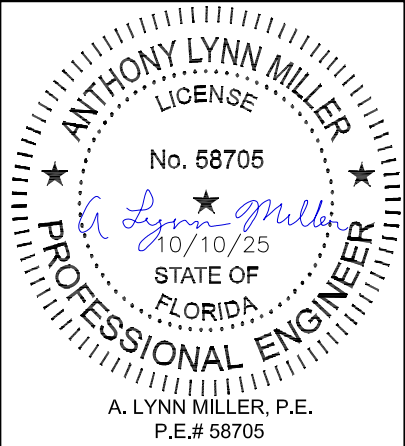
HORIZONTAL X-SECTION
OX, 2P-2T, WITH BOX SCREEN



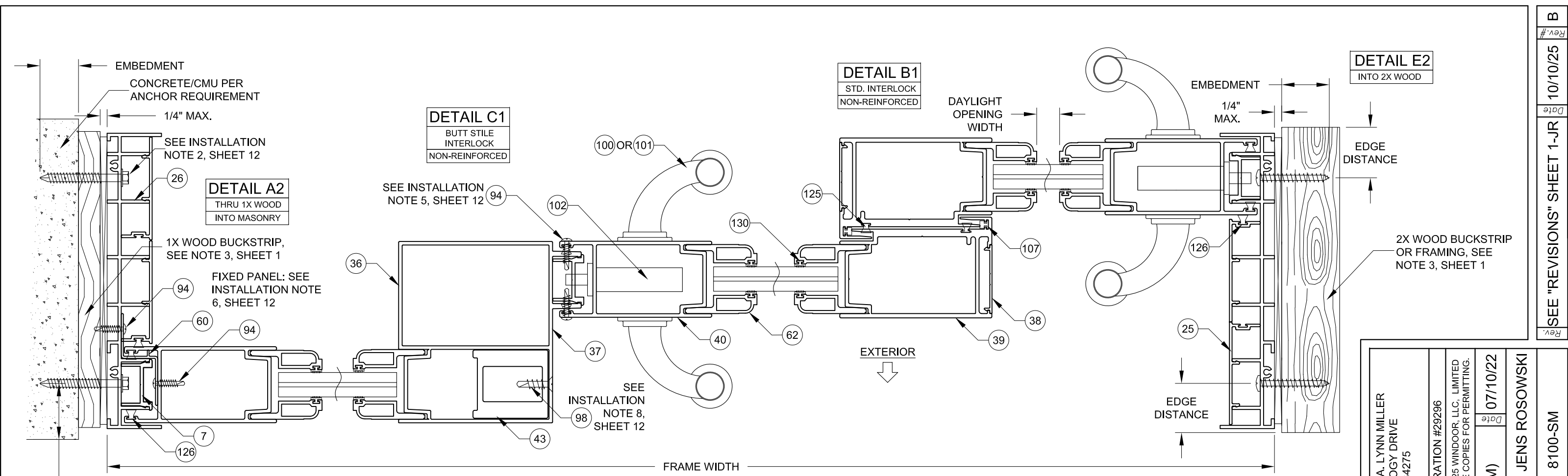
HORIZONTAL X-SECTION

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

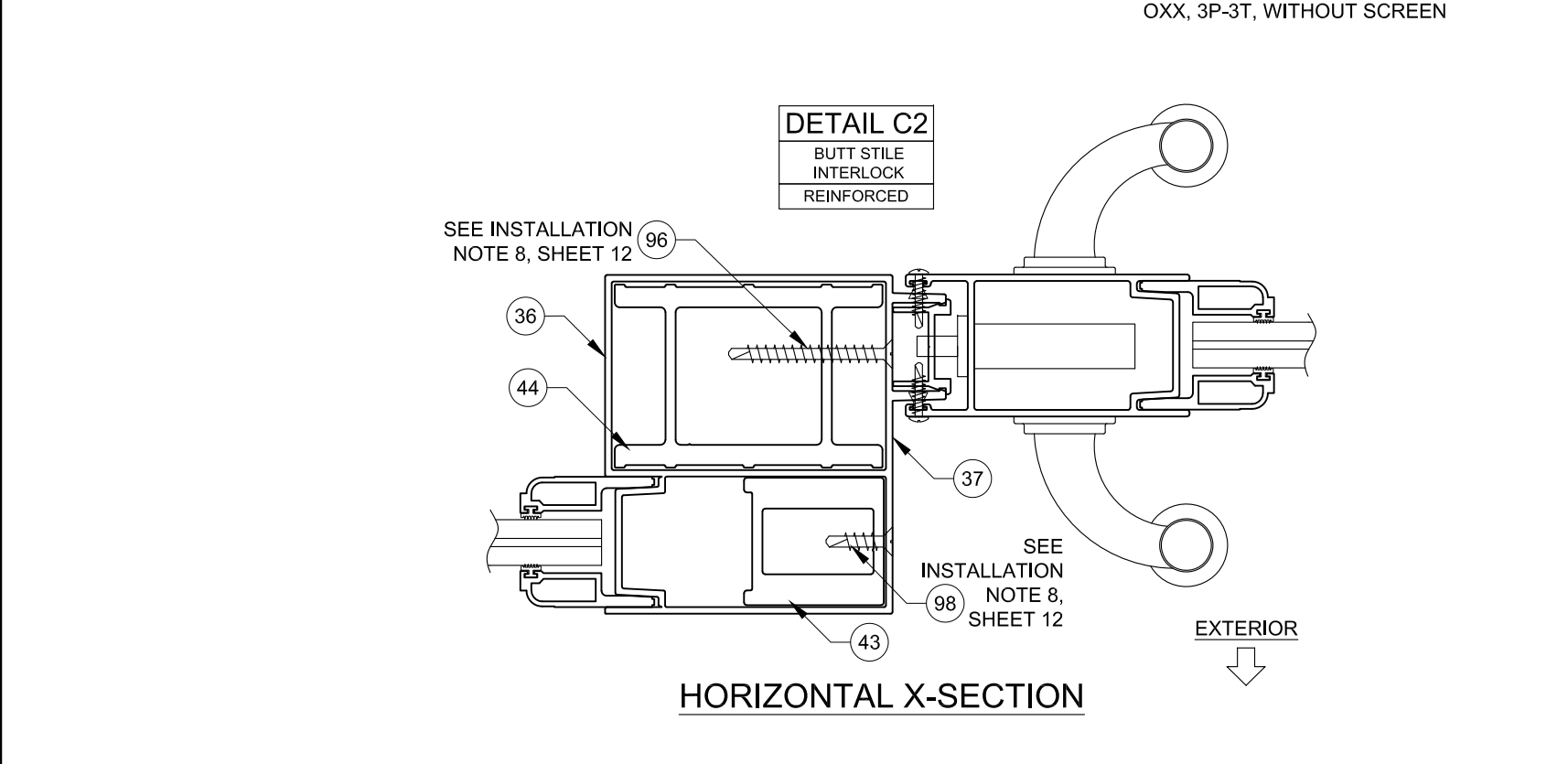
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Title	ALUMINUM SLIDING GLASS DOOR (SM)			Date	07/10/22
Series Desc.	INSTALLATION DETAILS 1			Drawn By	JENS ROSOWSKI
SGD8100A		Sheet		12 OF 24	
				DWG No.	
				8100-SM	



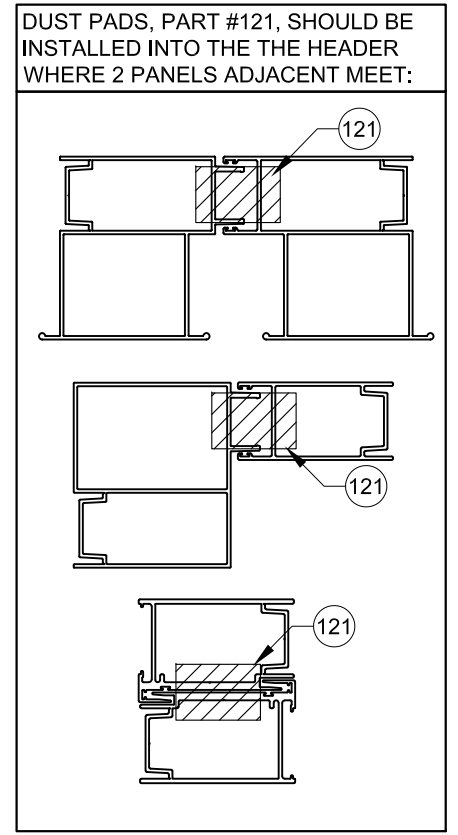
Rev.	SEE "REVISIONS" SHEET 1-JR	Date	10/10/25	Rev. #	B
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HORIZONTAL X-SECTION
OXX, 3P-3T, WITHOUT SCREEN



HORIZONTAL X-SECTION



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

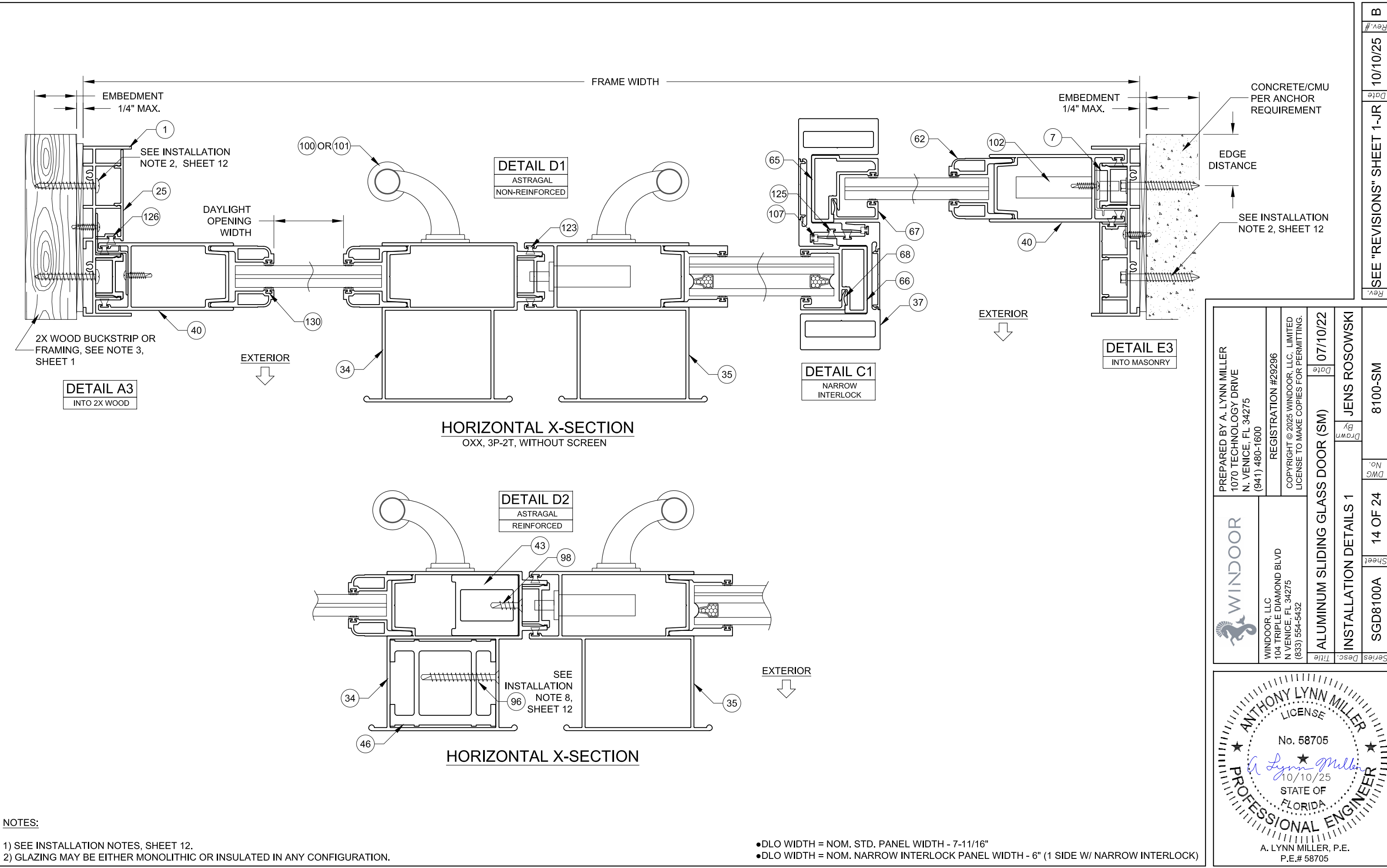
NOTES:

- 1) SEE INSTALLATION NOTES, SHEET 12.
- 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 (SM)		INSTALLATION DETAILS 1		SGD8100A
Series		Desc.		Sheet		DWG
Title		By		No.		13 OF 24

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

Rev. #	10/10/25	Date	10/10/25	Rev.
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B				



NOTES:

- 1) SEE INSTALLATION NOTES, SHEET 12.
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 (SM)

INSTALLATION DETAILS 1

SGD8100A

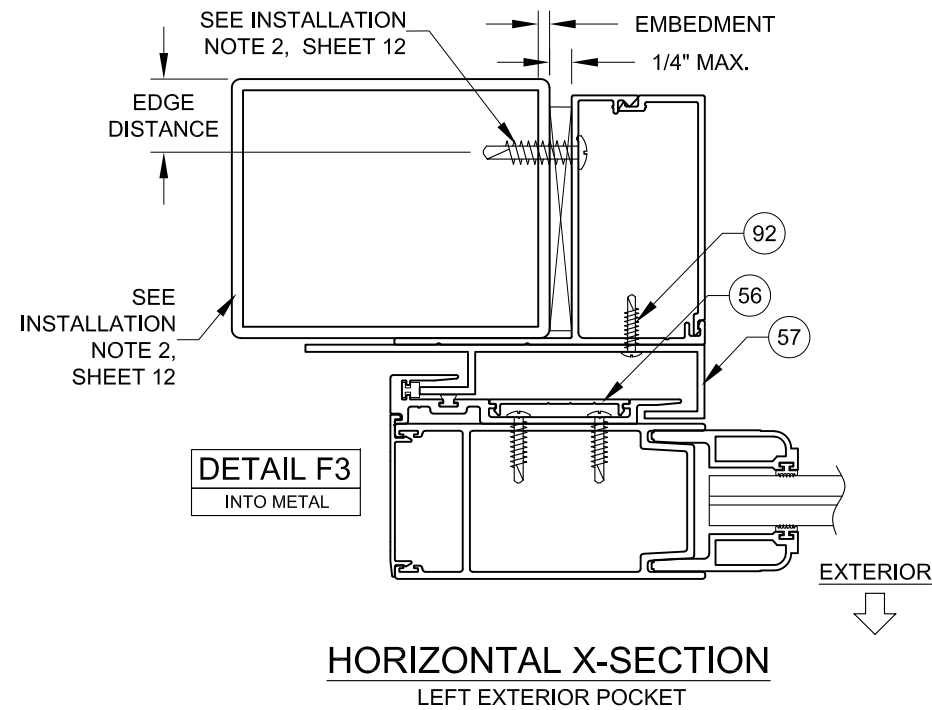
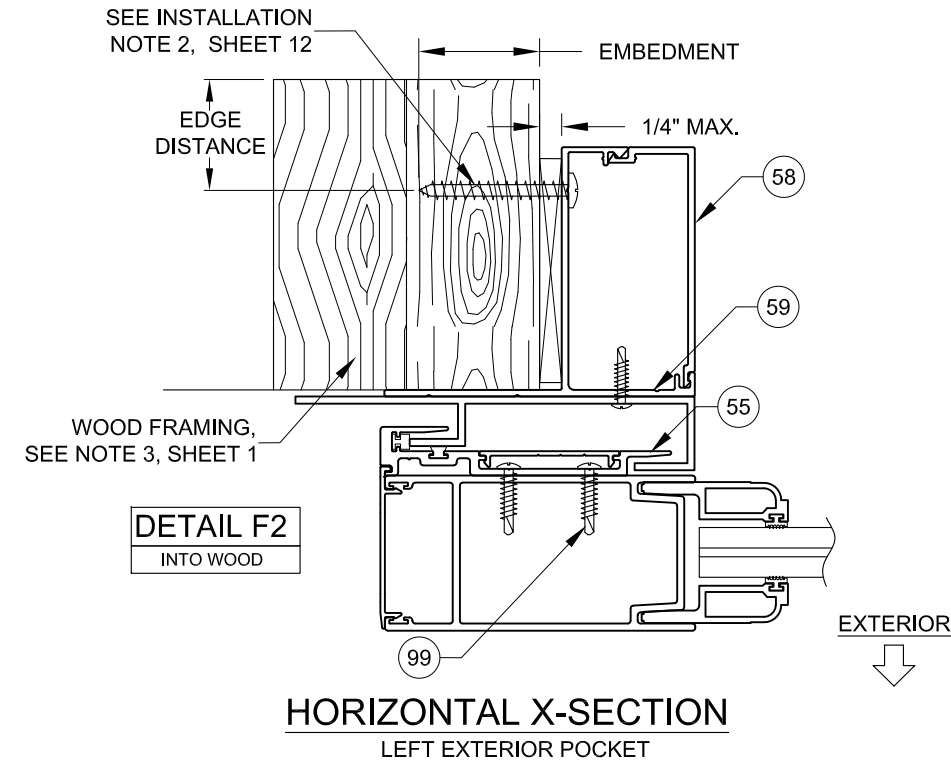
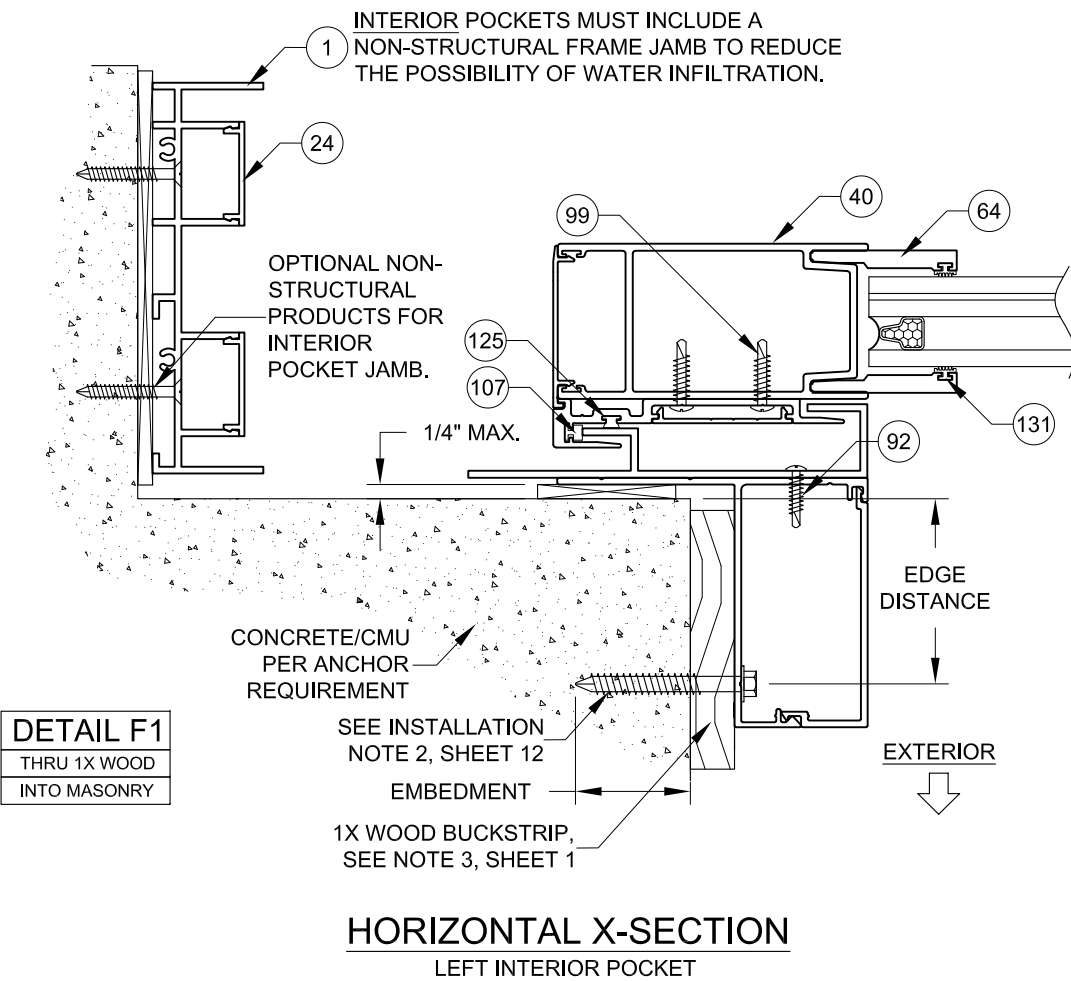
By
JENS ROSOWSKI

Date
07/10/22

8100-SM

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No. 58705
10/10/25
STATE OF
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Rev.#				



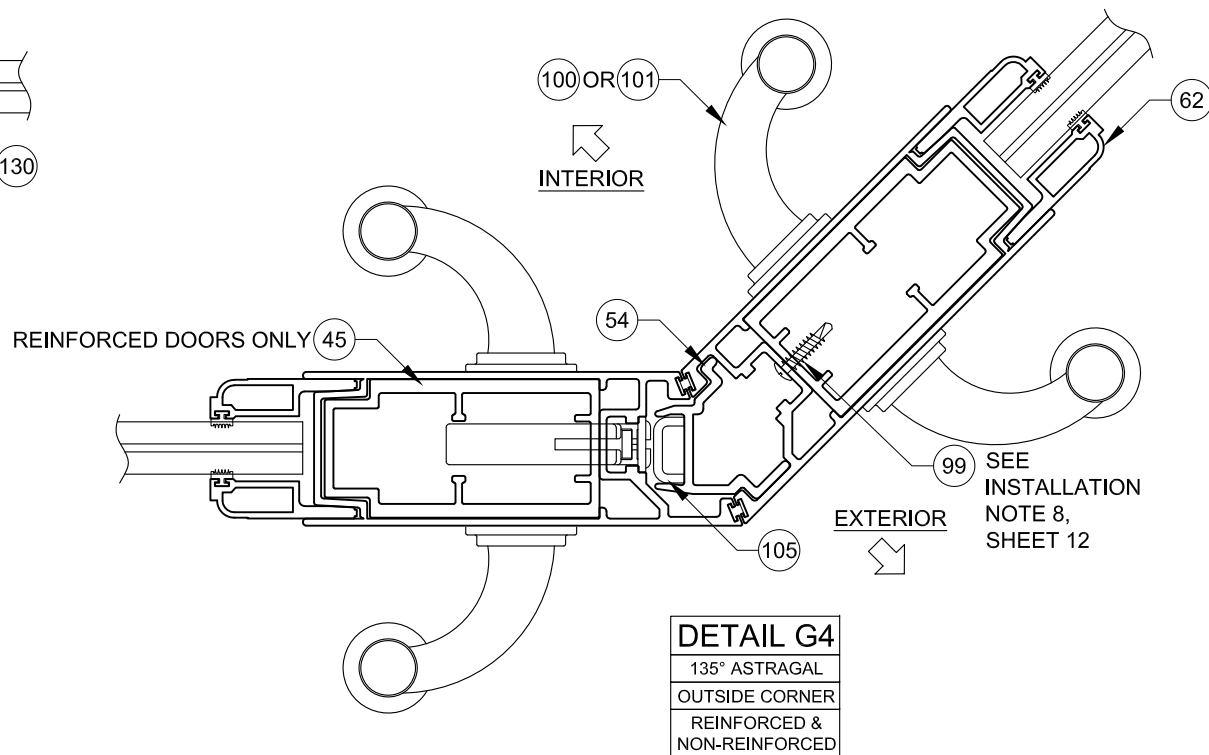
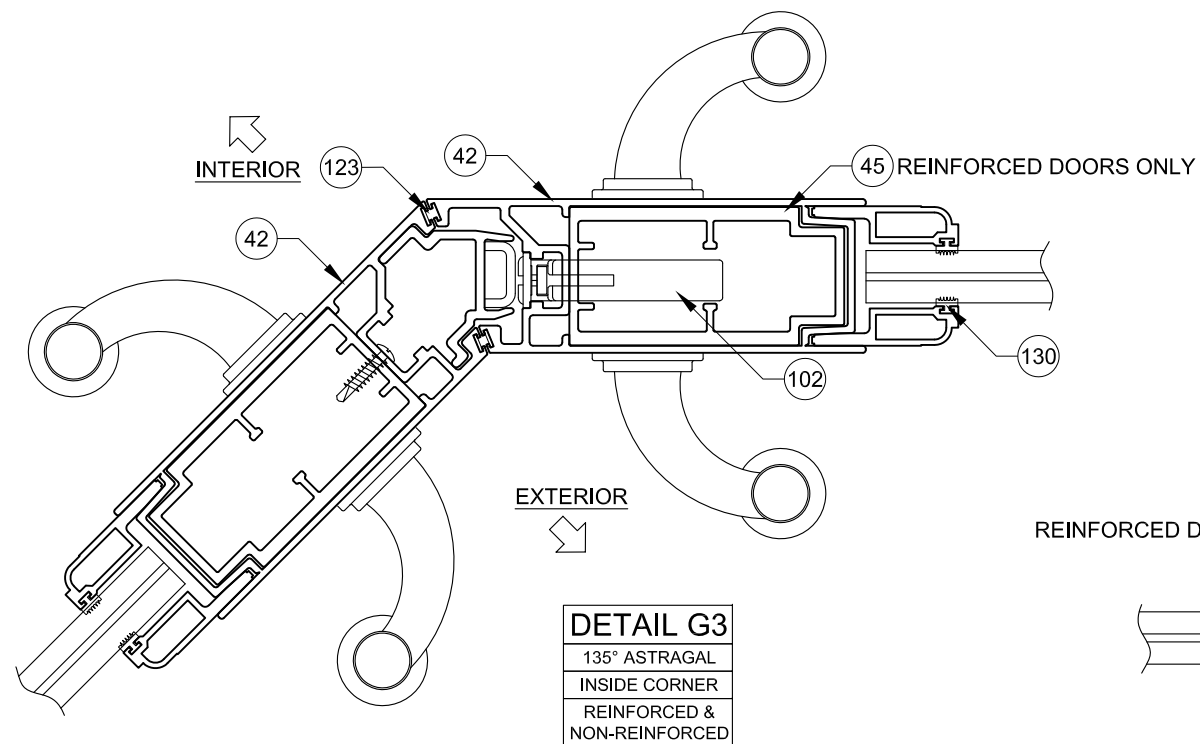
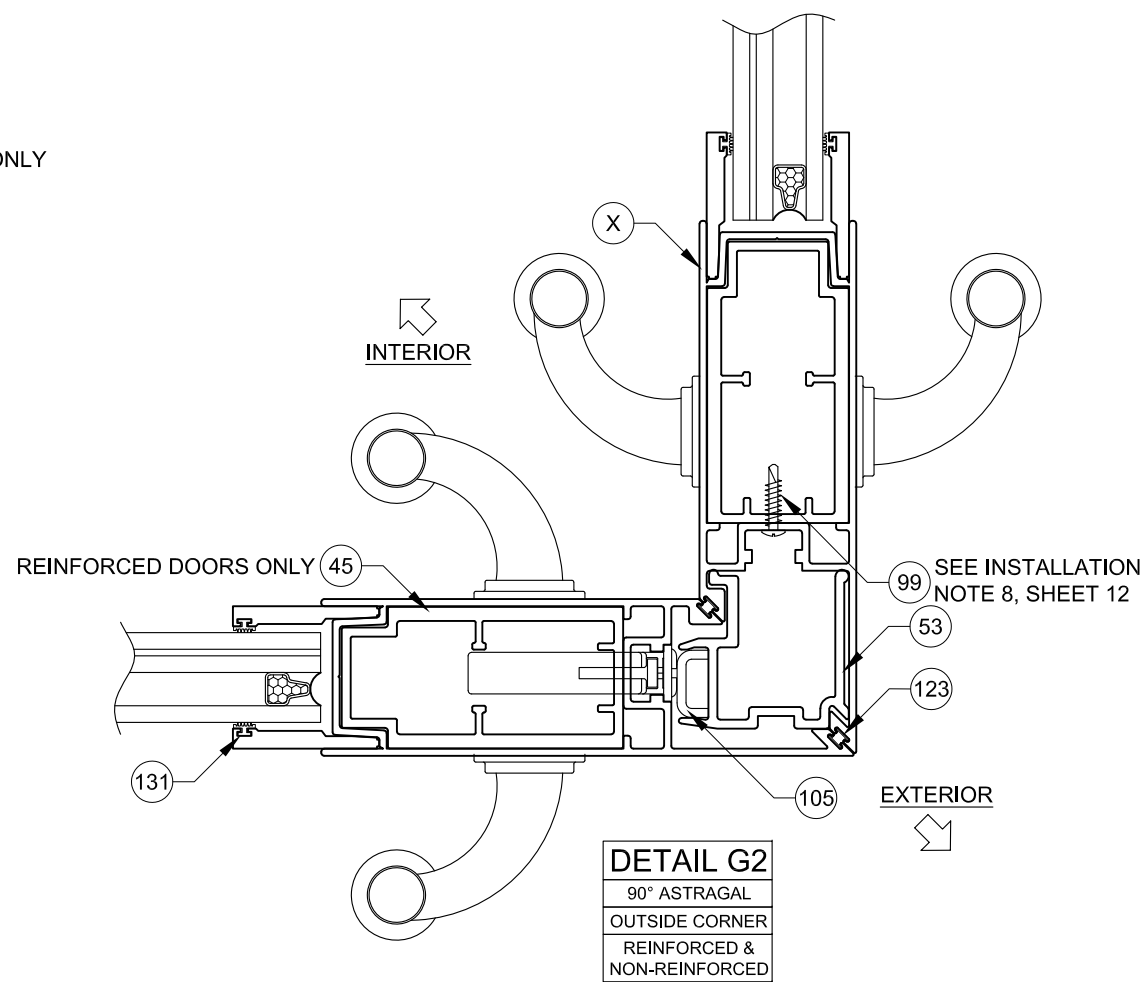
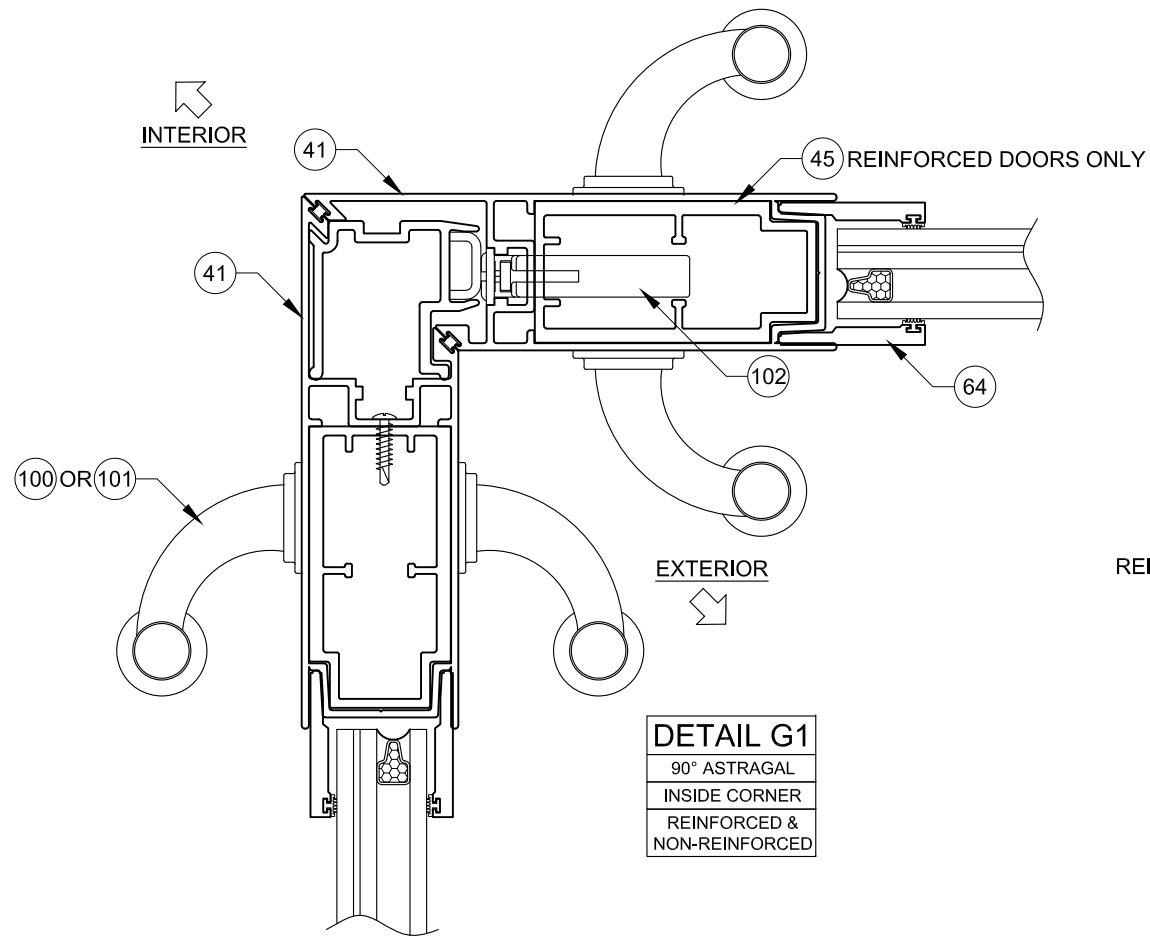
NOTES:

- 1) SEE INSTALLATION NOTES, SHEET 12.
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, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (SM)		JENS ROSOWSKI	
WINDOOR		INSTALLATION DETAILS 1		8100-SM	
SGD8100A		15 OF 24		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



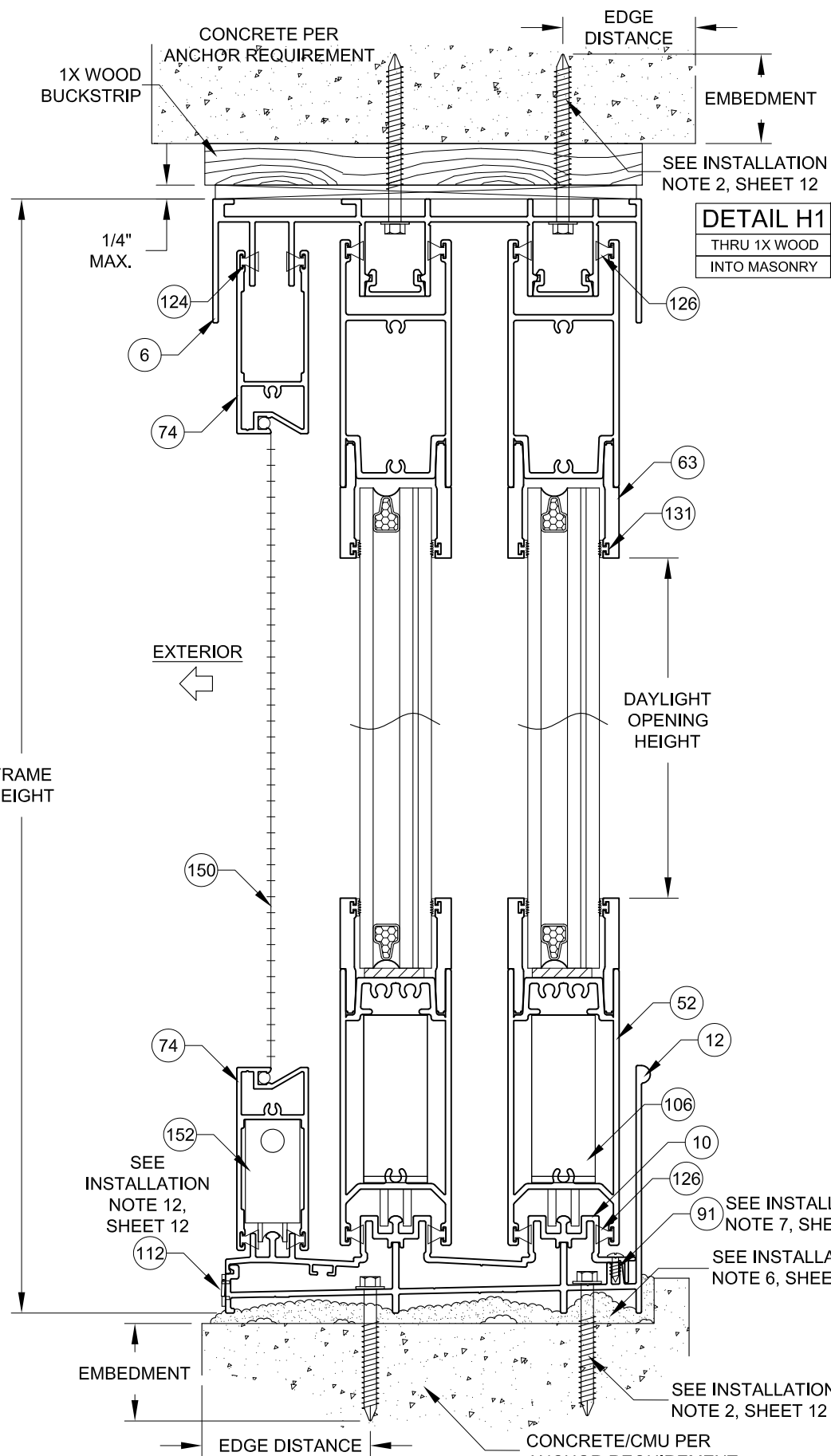
NOTES:

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	

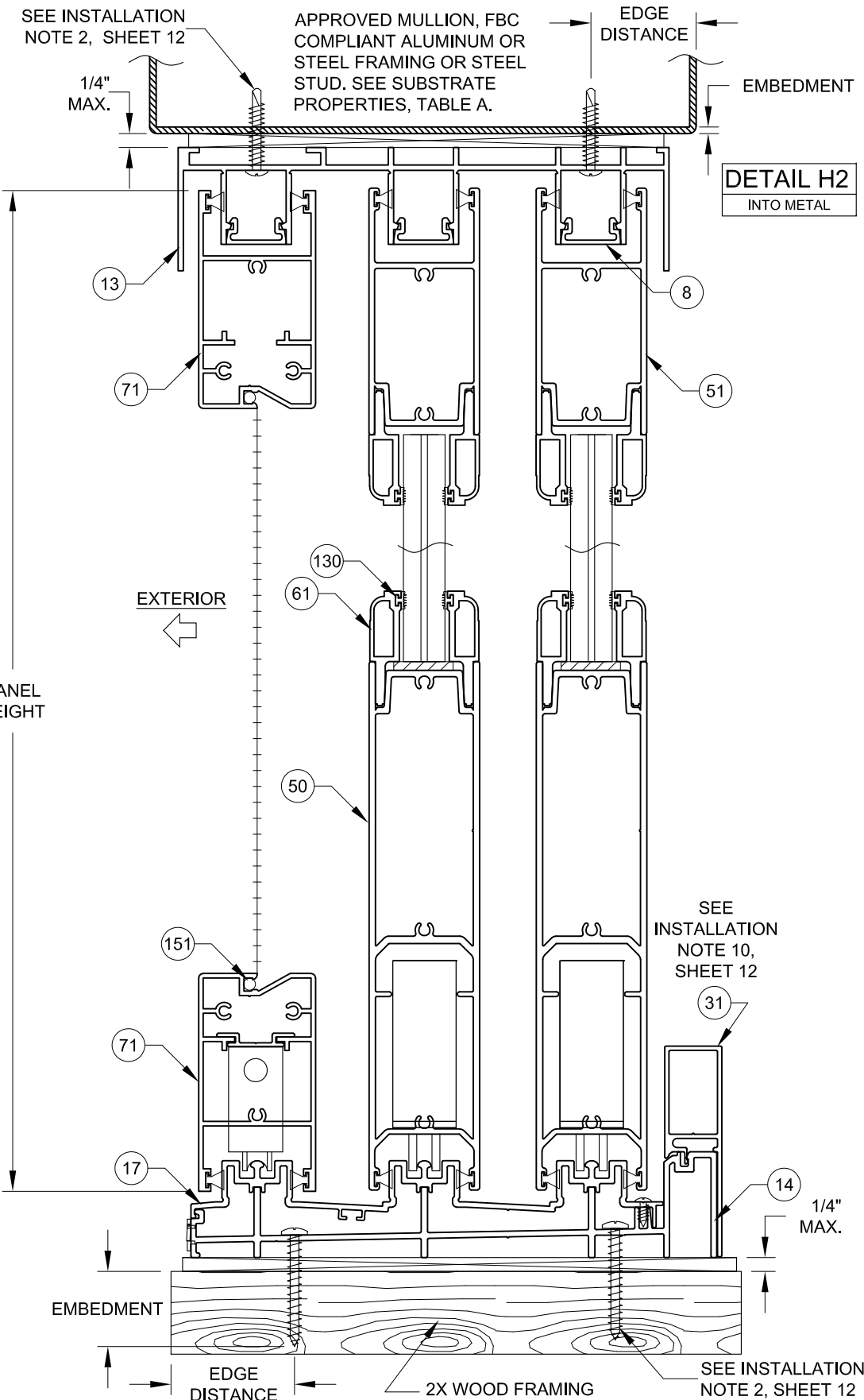
ALUMINUM SLIDING GLASS DOOR (SM)	Date07/10/22
CORNER DETAILS	ByJENS ROSOWSKI
SGD8100A	8100-SM
16 OF 24	

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P.E.# 58705



VERTICAL X-SECTION
2 TRACKS WITH STANDARD SCREEN

DETAIL I2
INTO MASONRY



VERTICAL X-SECTION
2 TRACKS WITH BOX SCREEN

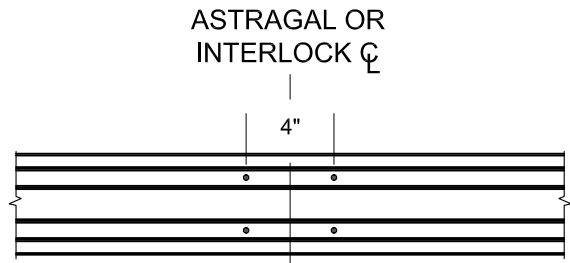
DETAIL I2
INTO 2X WOOD

- 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"

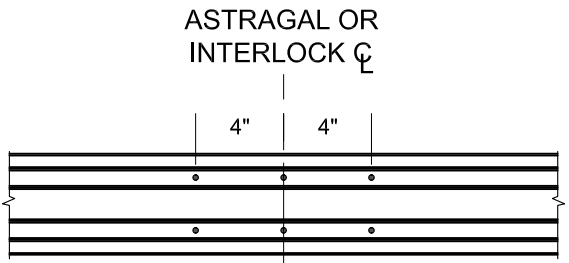
NOTES:
1) SEE INSTALLATION NOTES, SHEET 12.
2) GLAZING MAY BE EITHER MONOLITHIC OR INSULATED IN ANY CONFIGURATION.

	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	JENS ROSOWSKI	8100-SM
	ALUMINUM SLIDING GLASS DOOR (SM)				
WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N. VENICE, FL 34275 (833) 554-5432		INSTALLATION DETAILS 1	17 OF 24	SGD8100A	

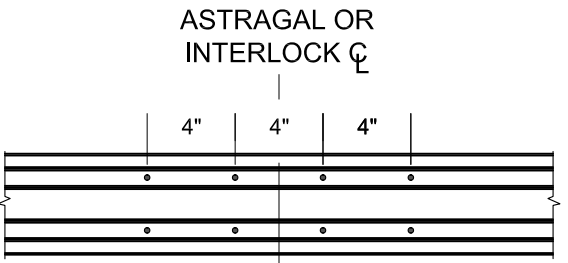
ANTHONY LYNN MILLER
LICENSE
No. 58705
10/10/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



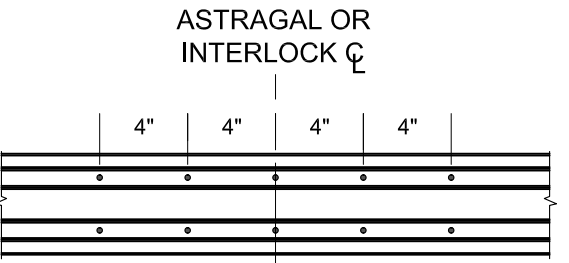
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2 TRACKS, STRAIGHT UNIT



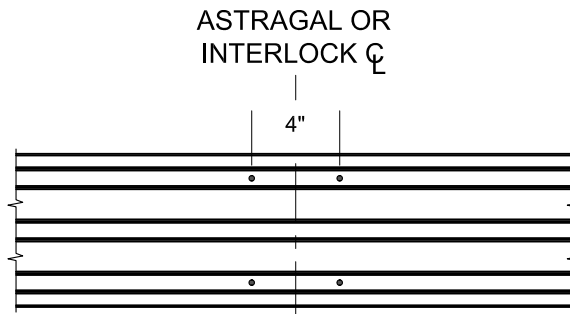
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2 TRACKS, STRAIGHT UNIT



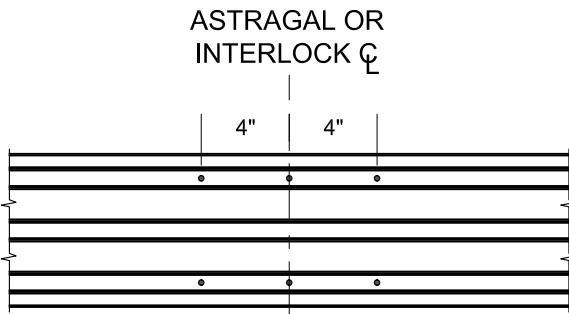
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2 TRACKS, STRAIGHT UNIT



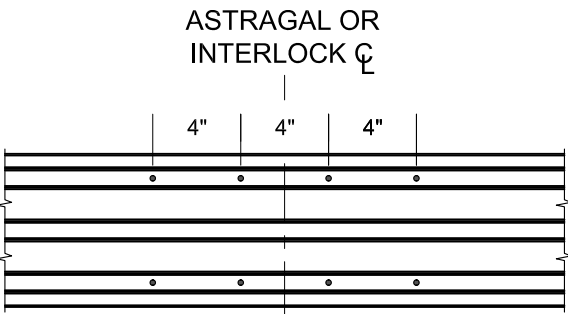
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2 TRACKS, STRAIGHT UNIT



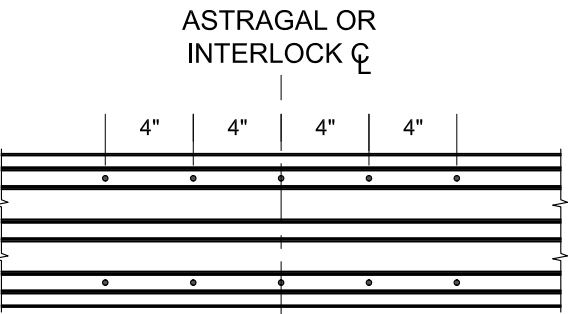
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3 TRACKS, STRAIGHT UNIT



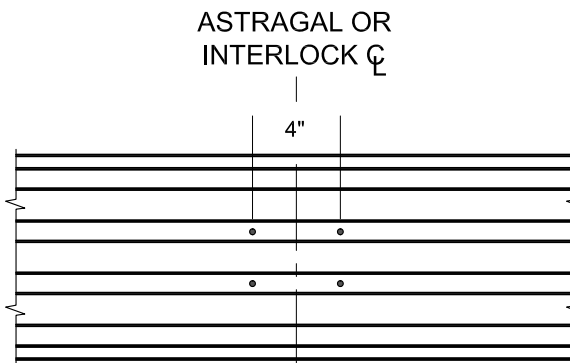
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3 TRACKS, STRAIGHT UNIT



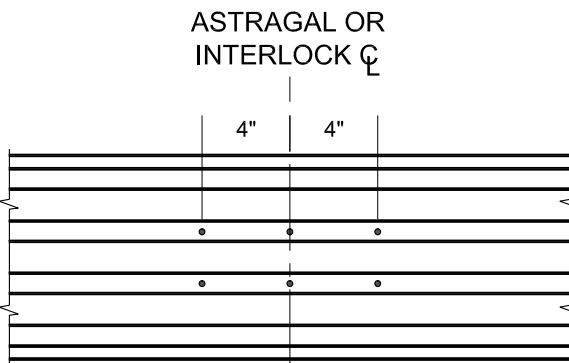
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3 TRACKS, STRAIGHT UNIT



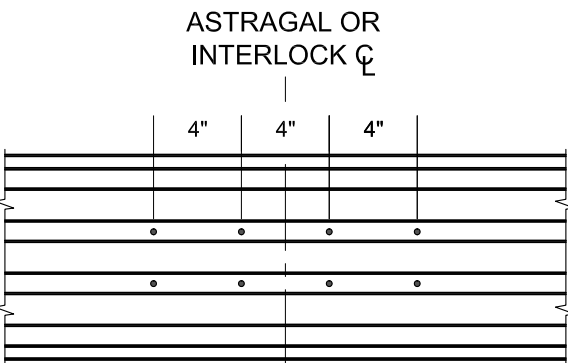
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3 TRACKS, STRAIGHT UNIT



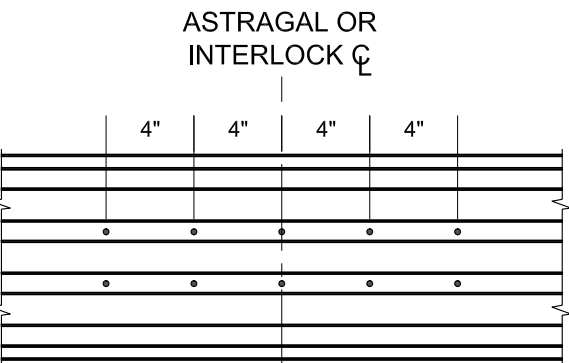
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4 TRACKS, STRAIGHT UNIT



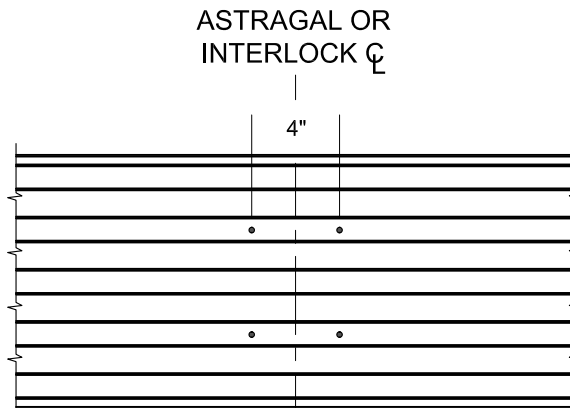
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4 TRACKS, STRAIGHT UNIT



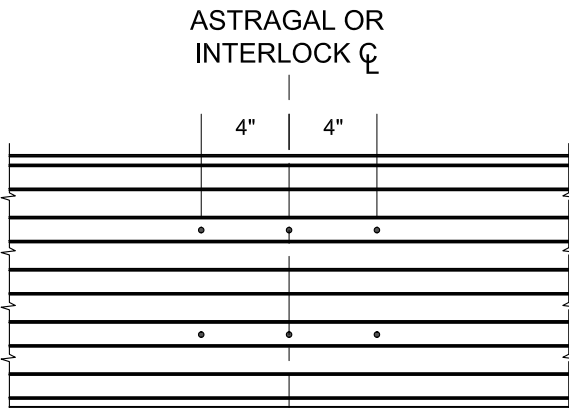
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4 TRACKS, STRAIGHT UNIT



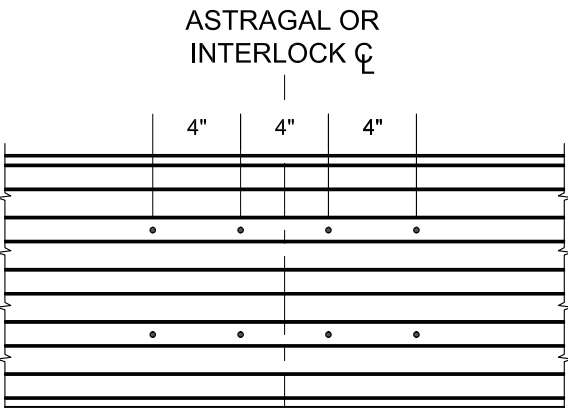
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4 TRACKS, STRAIGHT UNIT



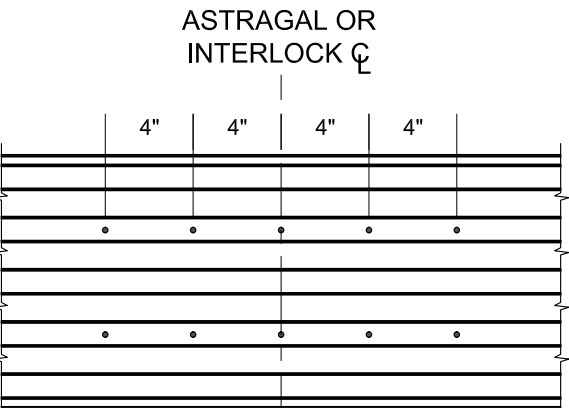
4 ANCHOR CLUSTER O.C.
5 TRACKS, STRAIGHT UNIT



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



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

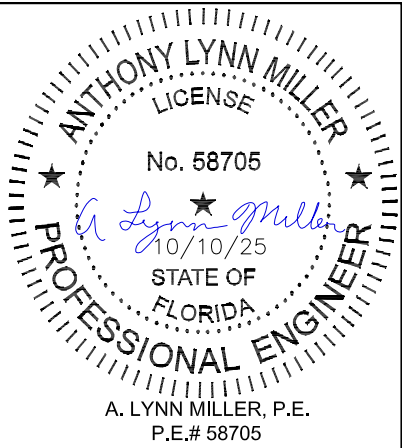


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5 TRACKS, STRAIGHT UNIT

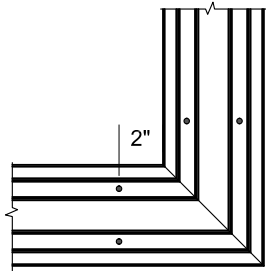
NOTES:

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

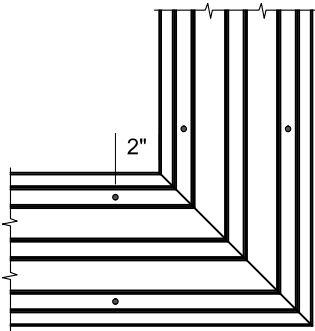
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WINDOOR		WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (SM)		ANCHOR SPACING		SGD8100A	
No.		19 OF 24		Sheet		Desc.		Series	



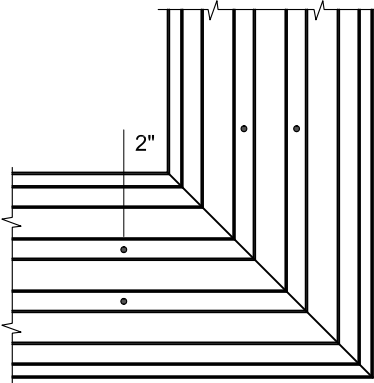
Rev.	10/10/25	B
Date	10/10/25	
See "REVISIONS" SHEET 1-JR		



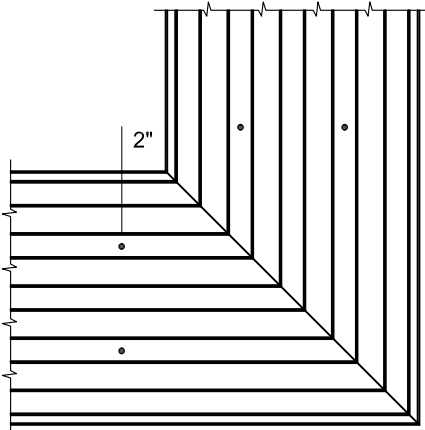
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2 TRACK, 90° UNIT



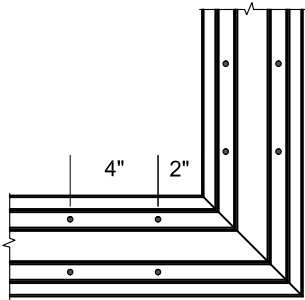
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3 TRACK, 90° UNIT



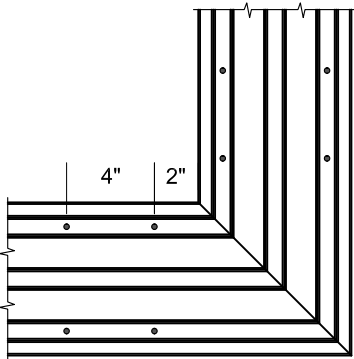
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4 TRACK, 90° UNIT



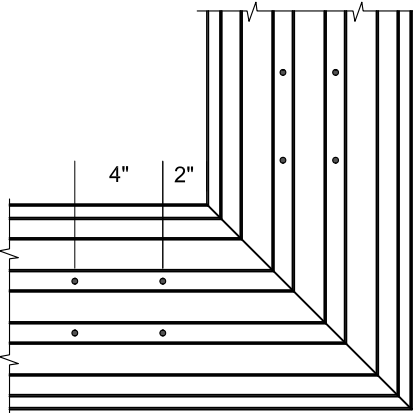
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5 TRACK, 90° UNIT



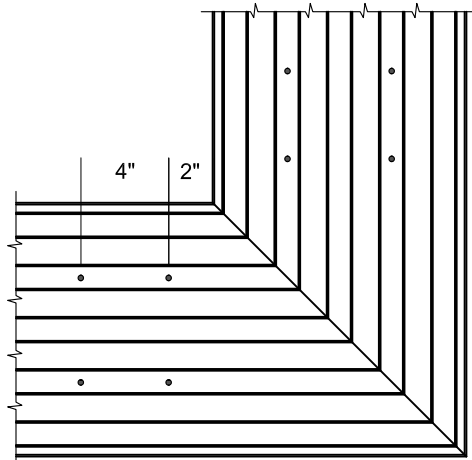
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2 TRACK, 90° UNIT



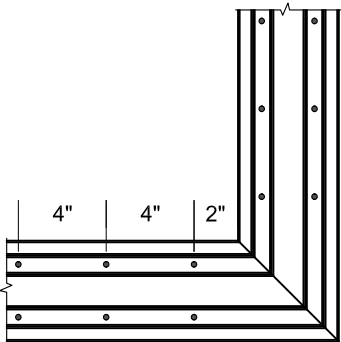
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3 TRACK, 90° UNIT



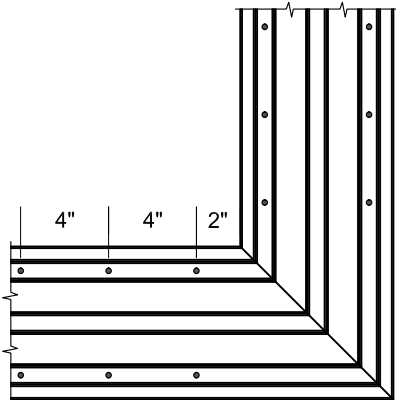
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4 TRACK, 90° UNIT



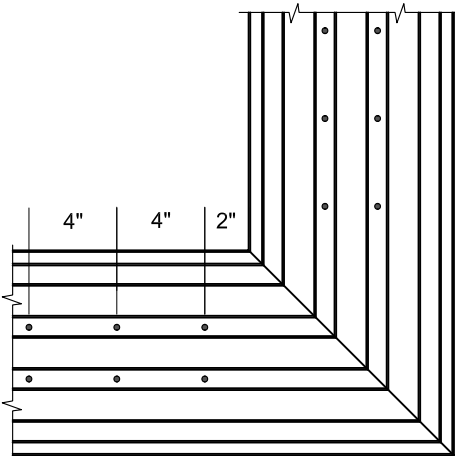
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5 TRACK, 90° UNIT



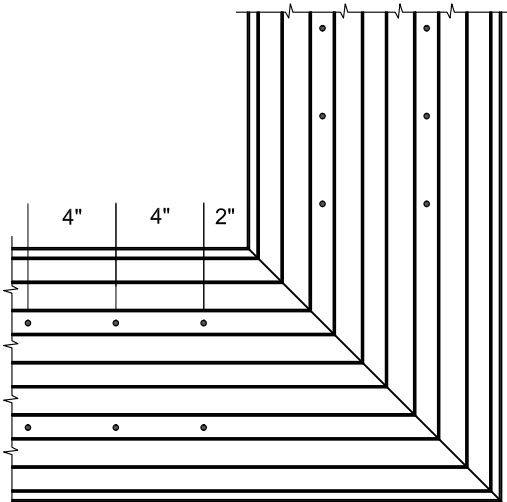
12 ANCHOR CLUSTER O.C.
2 TRACK, 90° UNIT



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



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



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

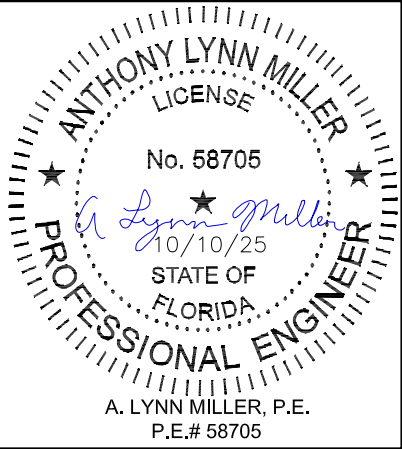
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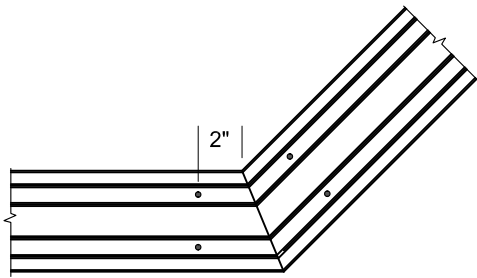
2) CORNER TRACKS MAY BE
INSIDE OR OUTSIDE.

3) CORNER ANCHOR CLUSTERS
WILL BE PUNCHED IN MULTIPLES
OF 4. EQUAL NUMBERS OF
ANCHORS WILL BE ON EACH SIDE
OF THE CORNER MITER.

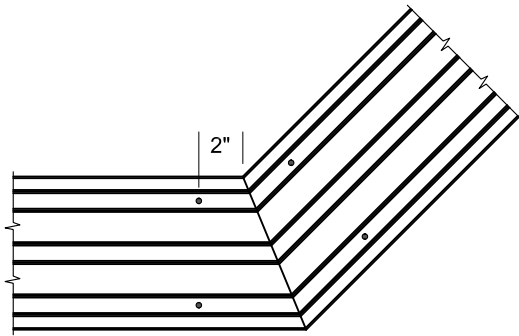
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ALUMINUM SLIDING GLASS DOOR (SM)		Date		07/10/22	
ANCHOR SPACING		By		JENS ROSOWSKI	
SGD8100A		No.		8100-SM	
		20 OF 24			
		Sheet			



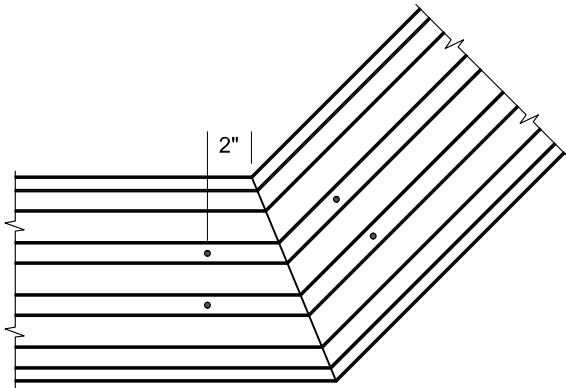
ANTHONY LYNN MILLER
LICENSE
No. 58705
10/10/25
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



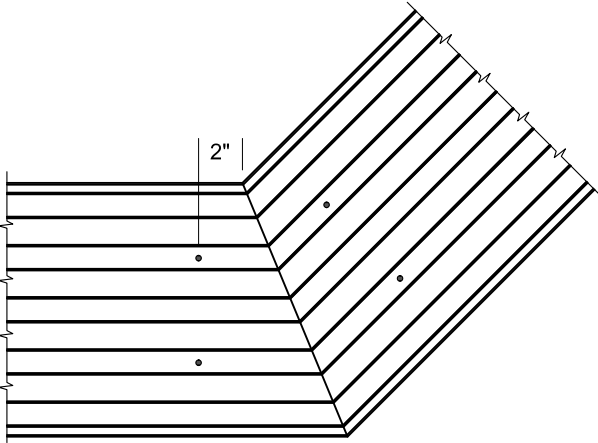
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2 TRACK, 135° UNIT



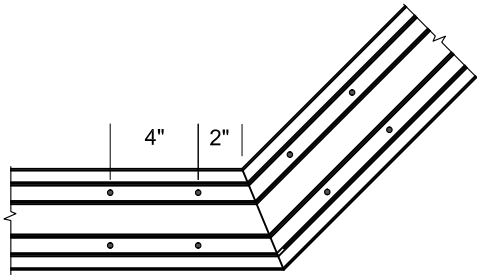
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3 TRACK, 135° UNIT



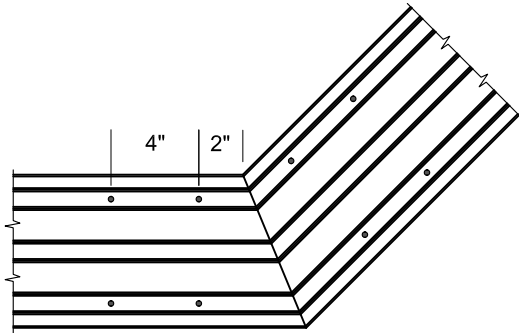
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4 TRACK, 135° UNIT



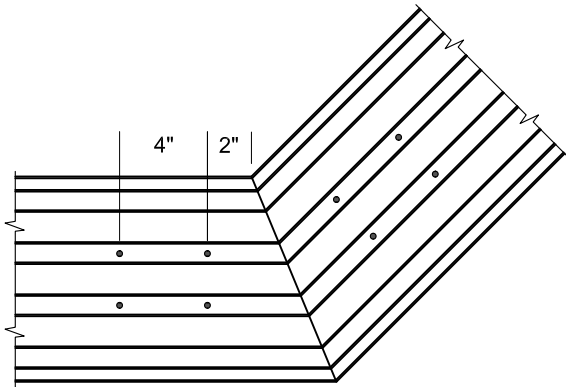
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5 TRACK, 135° UNIT



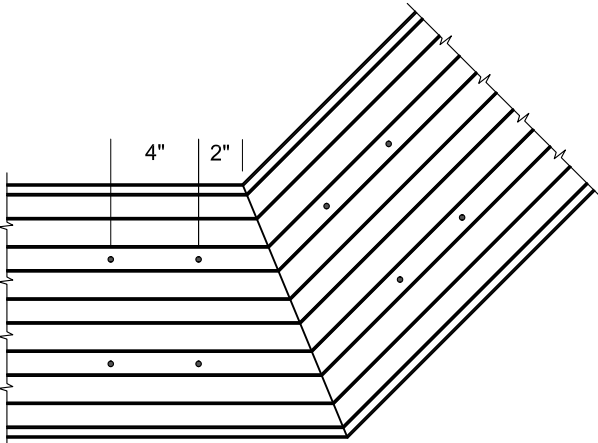
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2 TRACK, 135° UNIT



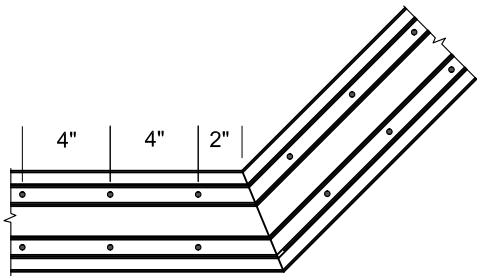
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3 TRACK, 135° UNIT



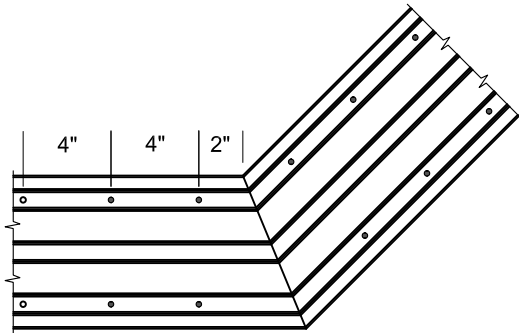
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4 TRACK, 135° UNIT



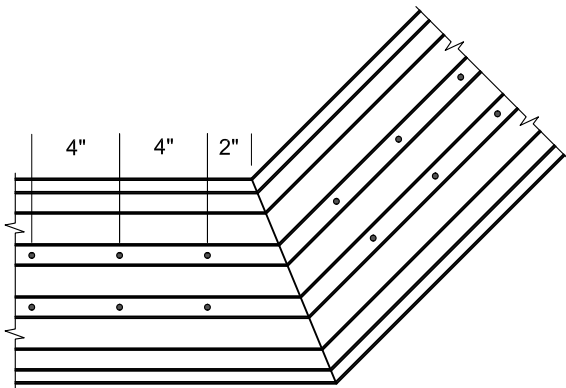
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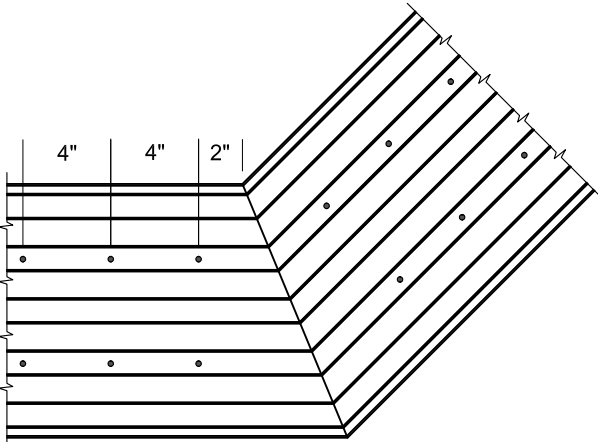
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2 TRACK, 135° UNIT



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3 TRACK, 135° UNIT



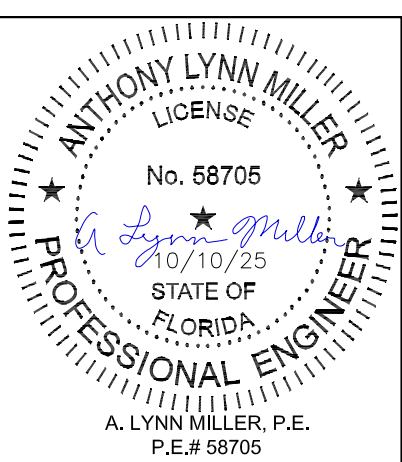
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4 TRACK, 135° UNIT



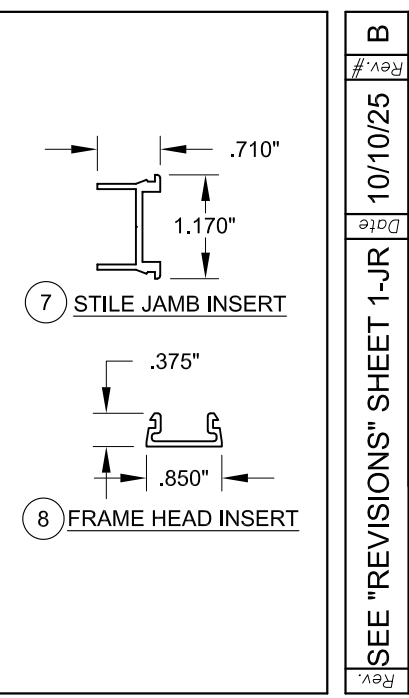
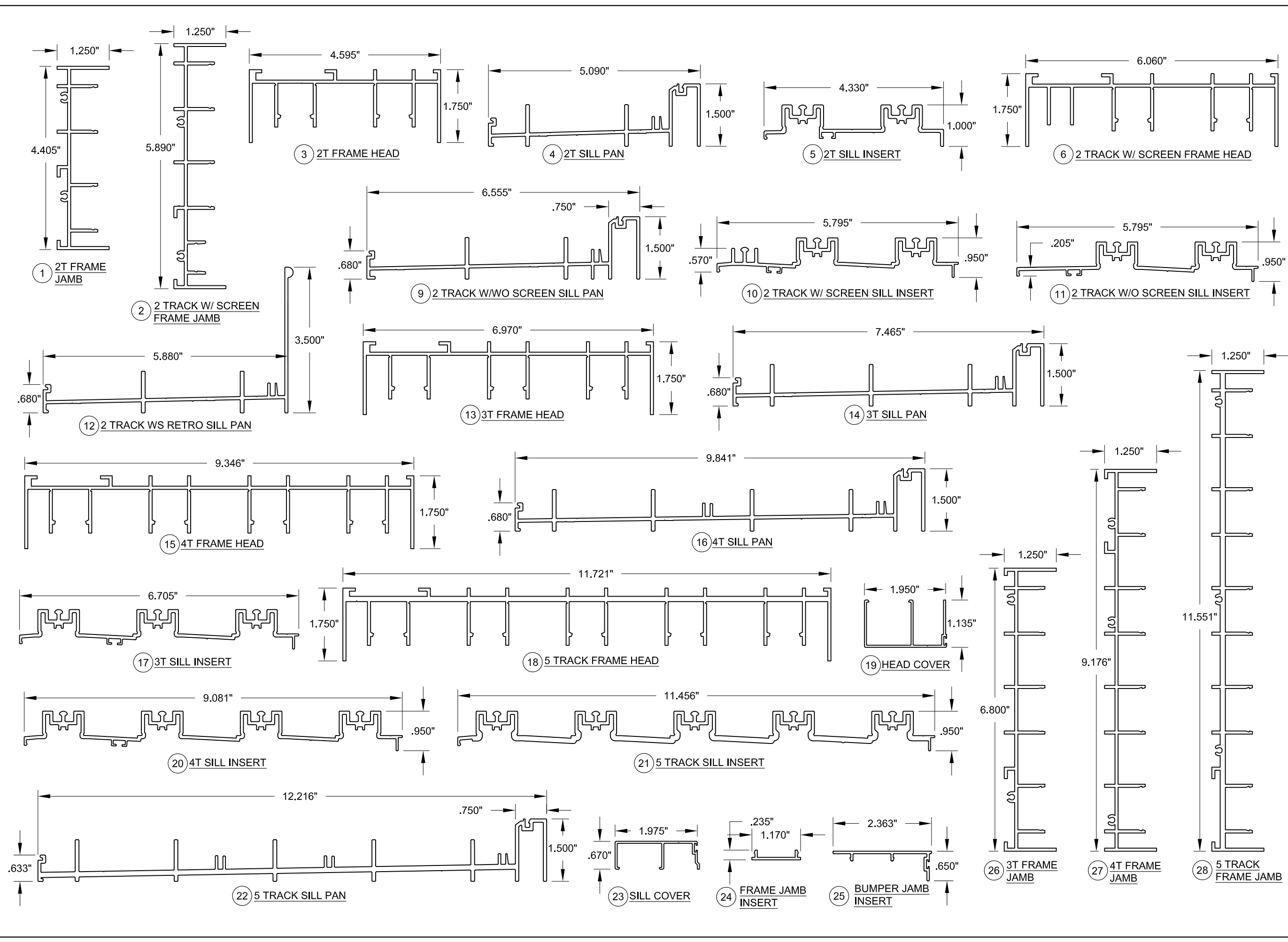
12 ANCHOR CLUSTER O.C.
5 TRACK, 135° UNIT

- 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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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (SM)		JENS ROSOWSKI	
ANCHOR SPACING		21 OF 24		8100-SM	
SGD8100A		Sheet		DWG	
No.		By		Date	

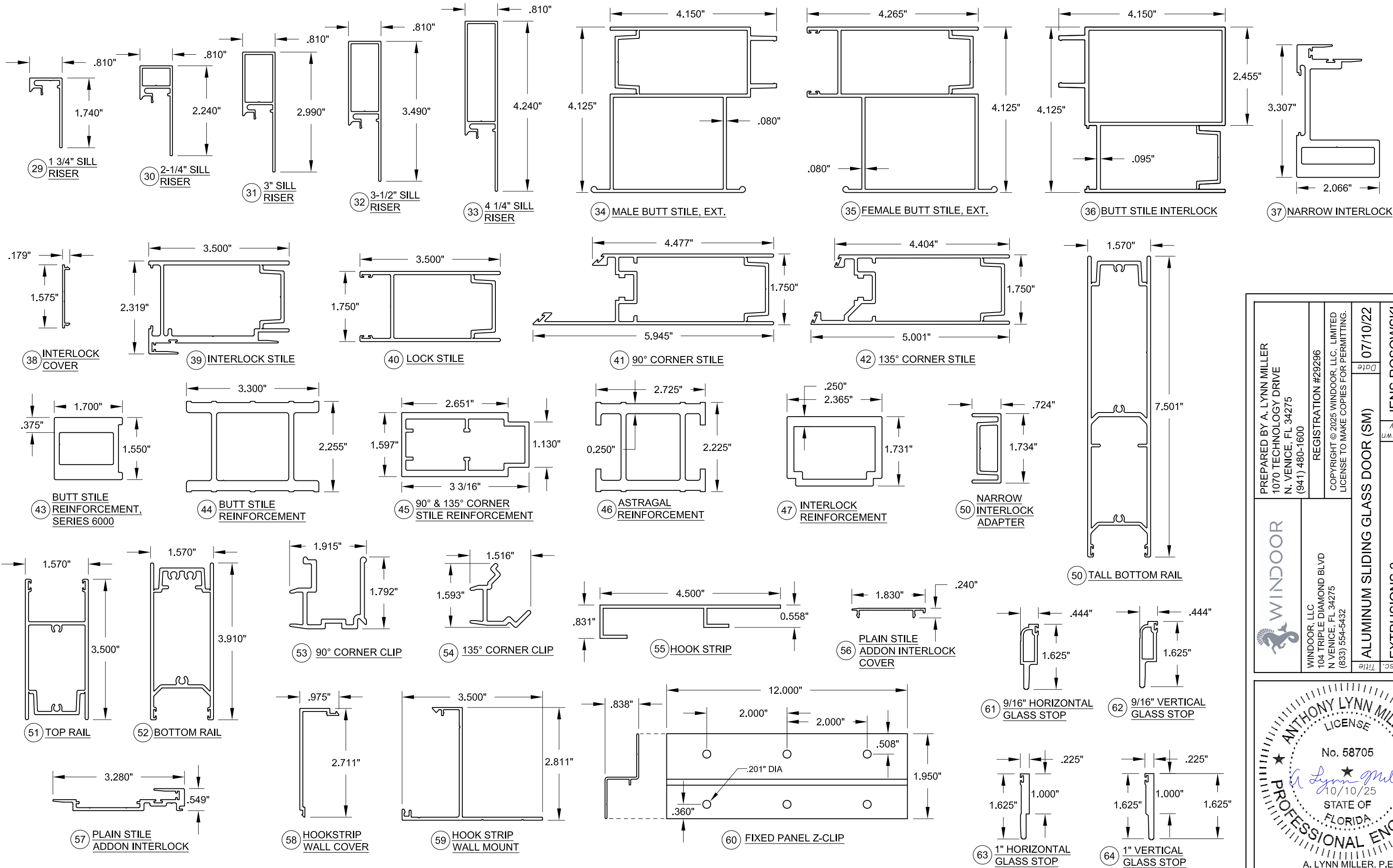


Rev.	10/10/25	B
SEE "REVISIONS" SHEET 1-JR		

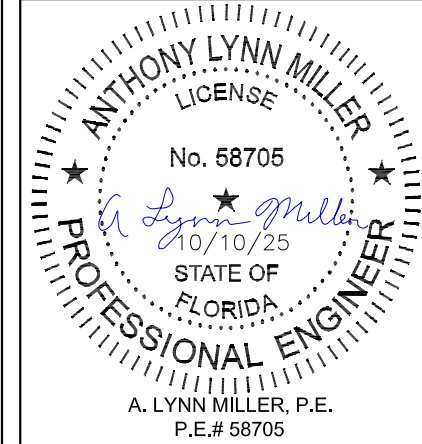


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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N. VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (SM)	
EXTRUSIONS 1		By	JENS ROSOWSKI
SGD8100A		DWG No.	8100-SM
22 OF 24		Sheet	

ANTHONY LYNN MILLER
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10/10/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



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				104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432			
SGD8100A		23 OF 24		DWG No.		8100-SM	
Sheet		By		Drawn		JENS ROSOWSKI	
Title		ALUMINUM SLIDING GLASS DOOR (SM)		Date		07/10/22	
Desc.		EXTRUSIONS 2					



SEE "REVISIONS" SHEET 1-JR

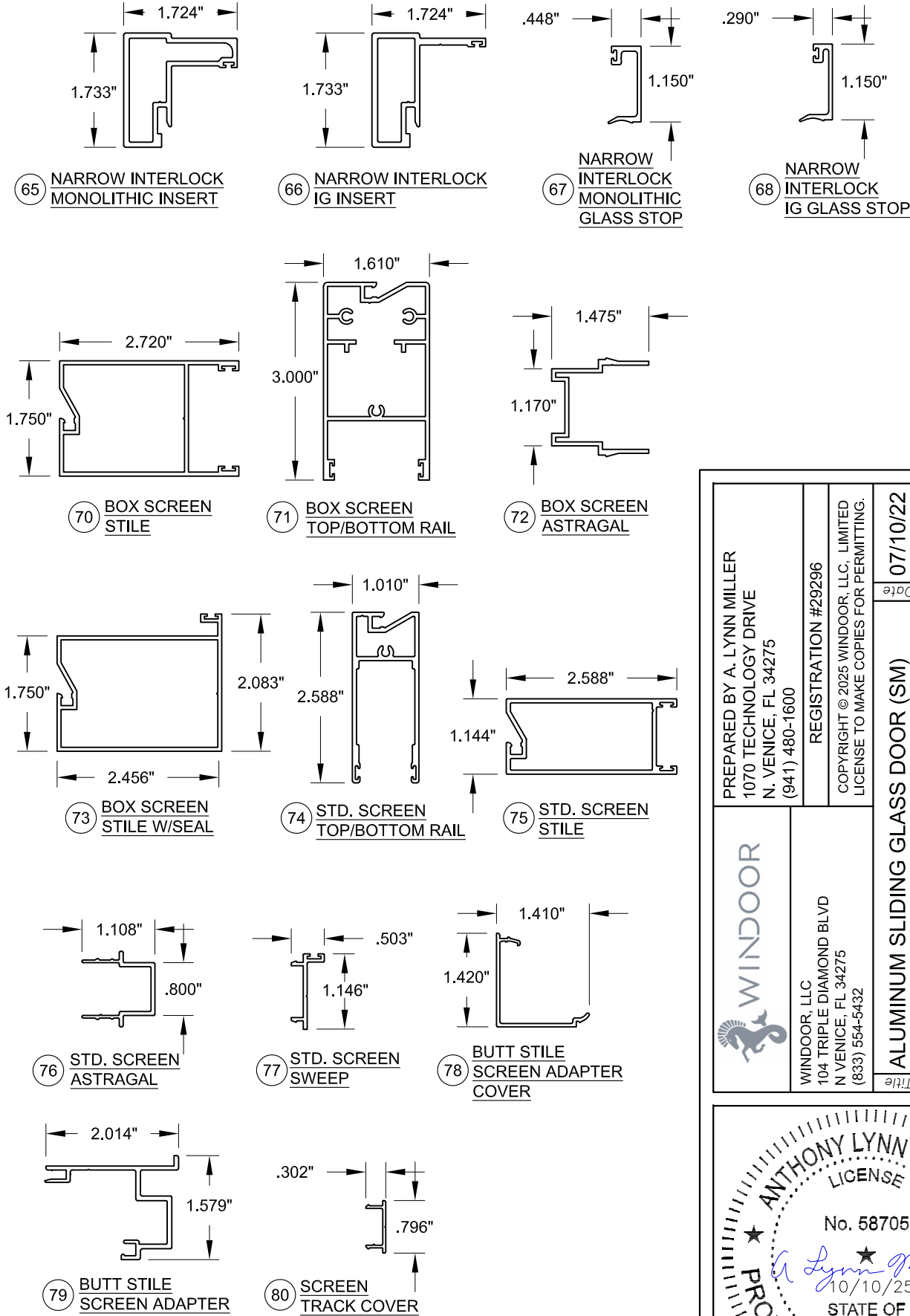
10/10/25

B

TABLE E:

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
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"	
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



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07/10/22

ALUMINUM SLIDING GLASS DOOR (SM)

By

JENS ROSOWSKI

No.

8100-SM

24 OF 24

SGD8100A

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