

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

FLORIDA PRODUCT APPROVAL #16755

DESIGN PRESSURE RATING	IMPACT RATING
SEE TABLES 1 - 2	NOT RATED FOR MISSILE IMPACT RESISTANCE

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 REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS.

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.

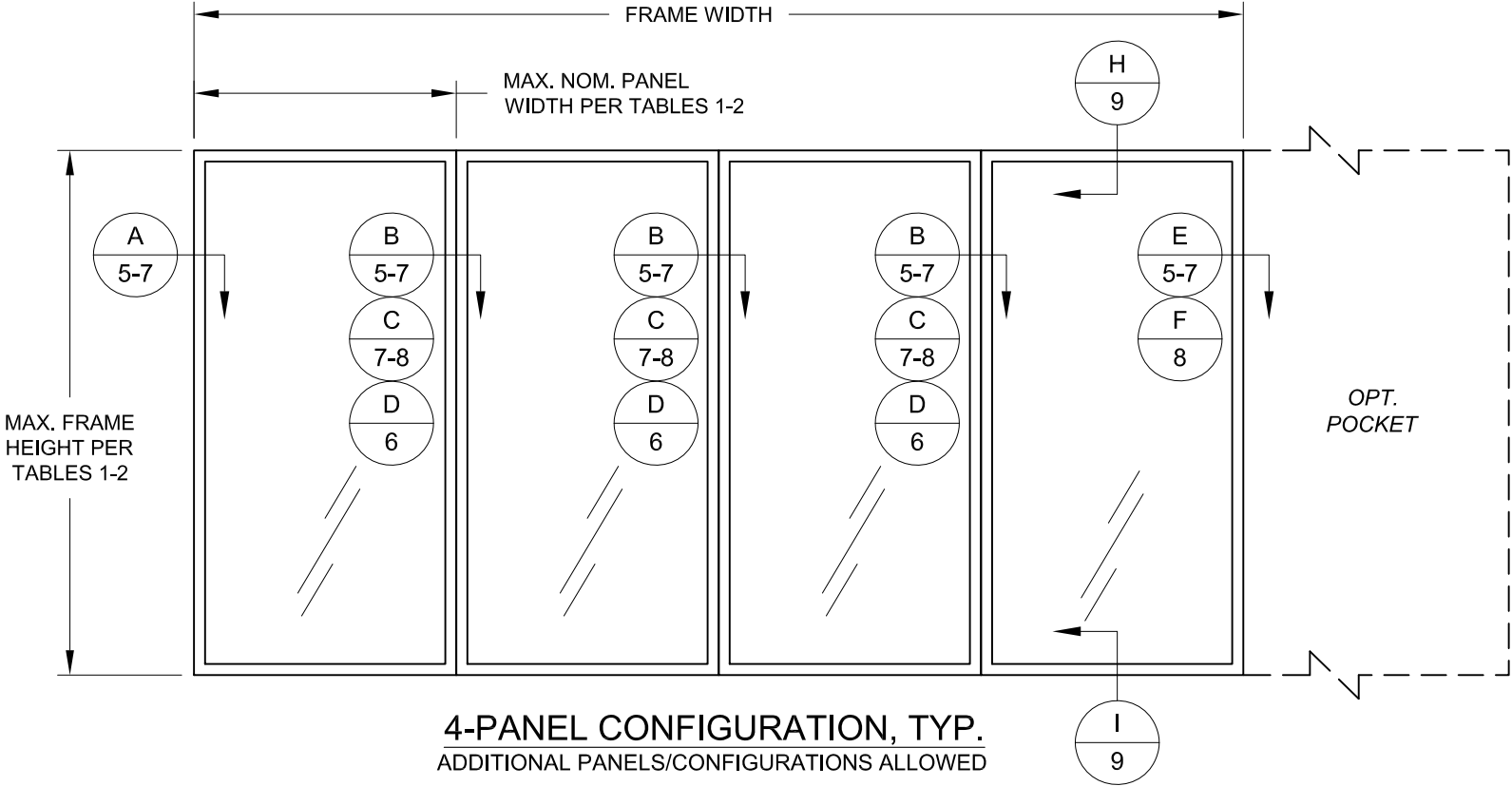


TABLE A:

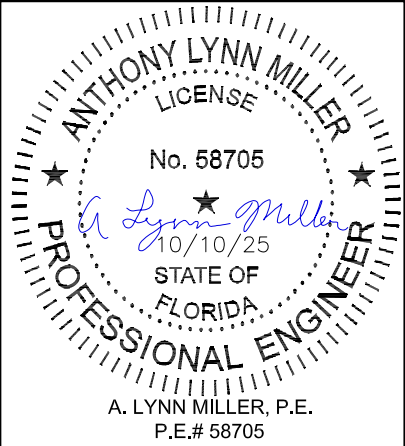
Index to DP/Anchor Quantity Tables					
Table #	Sheet #	Door Configuration Angle:	Glass Types:	Interlock Type:	Stile Reinf. Required:
1	3	0°	All	All	No
2	4	0°	All	Standard	Yes

REVISIONS:

- 1) ADDED SHEET 11.
- 2) ADDITIONAL ANCHOR CLUSTER LAYOUTS ON SHEET 11.
- 3) ADDED SETTING BLOCKS TO SHEET 9.
- 5) REMOVED OPTIONAL FRAME ANCHOR LOCATIONS.
- 6) CLARIFIED CORNER ANCHOR DISTANCE ON SHEET 10.
- 7) REMOVED UNREINFORCED DOORS OVER 120", SHEET 3.
- 8) REMOVED UNUSED EXTRUSIONS, SHEETS 13 & 14.

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 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.		ALUMINUM SLIDING GLASS DOOR (NI) HVHZ		07/10/22	
								Title	Date		
Series Desc.	ELEVATION & GENERAL NOTES			Drawn By	JENS ROSOWSKI			8100-NI-HVHZ			
SGD8100A		Sheet		1 OF 14		DWG No.					

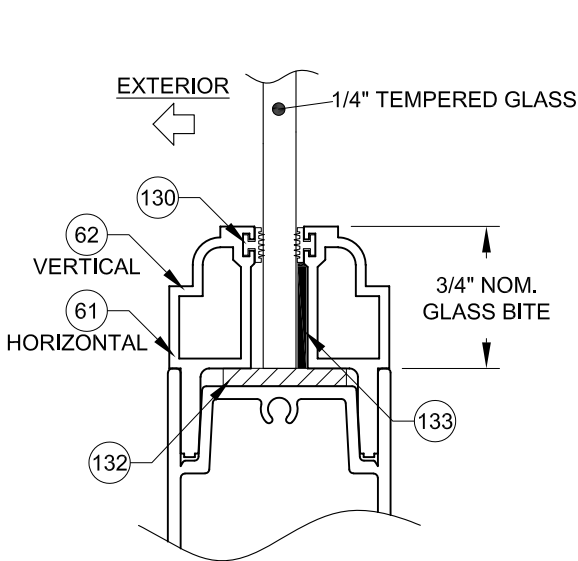


Rev. #	B
Date	10/10/25
Rev.	SEE "REVISIONS" SHEET 1-JR

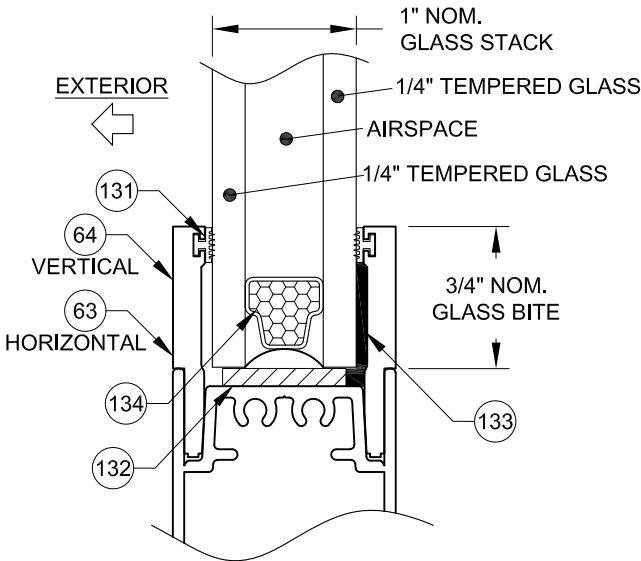
TABLE D:

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 1-2.
- 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.



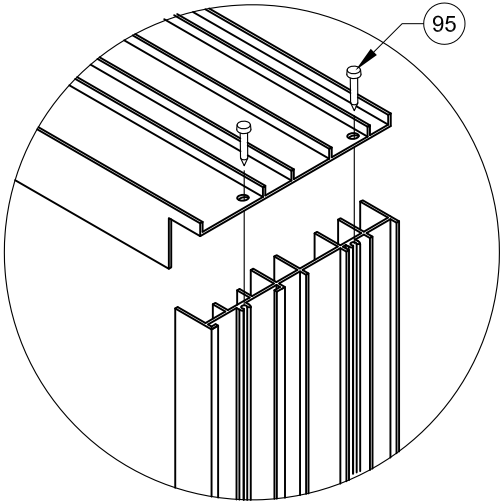
GLASS TYPE 1



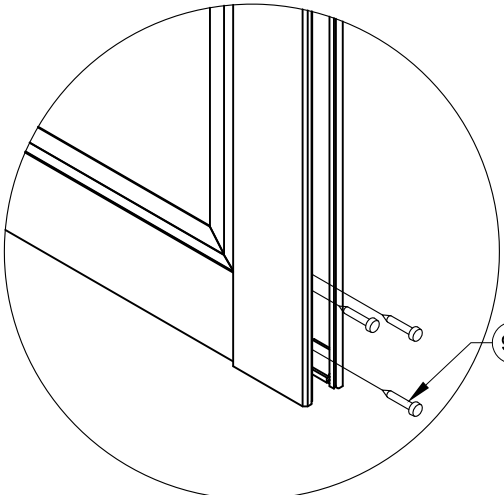
GLASS TYPE 2

TABLE B:

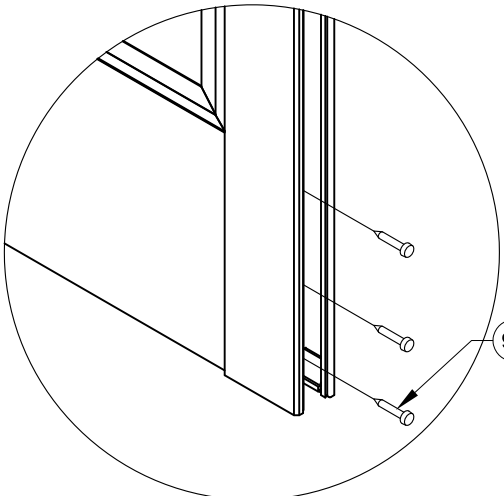
Glass Type	Description
1	1/4" MONO: 1/4" Tempered
2	1/4" IG: 1/4" Tempered - Airspace - 1/4" Tempered



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 (NI) HVHZ

ELEVATION & GENERAL NOTES

SGD8100A

By JENS ROSOWSKI

Date 07/10/22

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8100-NI-HVHZ

Series Desc. Title

Sheet

DWG No.

Rev. #

10/10/25

B

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10/10/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
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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:				34-5/16" (DLO)				40-5/16" (DLO)				46-5/16" (DLO)				52-5/16" (DLO)			
		Narrow Interlock:				30" (DLO)				36" (DLO)				42" (DLO)				48" (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:		+103.2/-103.2				+93/-93				+85.7/-85.7				+80.5/-80.5				+76.8/-76.8			
80"	A	2	4	10	5	2	4	10	5	2	4	10	5	2	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
Design Pressure:		+97/-97				+87.1/-87.1				+80/-80				+74.9/-74.9				+71.1/-71.1			
84"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	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
Design Pressure:		+88.9/-88.9				+79.5/-79.5				+72.7/-72.7				+67.7/-67.7				+64/-64			
90"	A	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6				
	B	2	4	10	6	2	4	10	6	2	4	10	6	2	4	10	6				
Design Pressure:		+80/-80				+71.2/-71.2				+64.9/-64.9				+60.1/-60.1				+50/-50			
98"	A	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7				
Design Pressure:		+76.2/-76.2				+67.7/-67.7				+61.5/-61.5				+56.9/-56.9							
102"	A	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7				
Design Pressure:		+71.1/-71.1				+63.1/-63.1				+57.1/-57.1				+39.4/-39.4							
108"	A	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7				
	B	2	4	12	7	2	4	12	7	2	4	12	7	2	4	12	7				
Design Pressure:		+66.7/-66.7				+59/-59				+53.3/-53.3											
114"	A	2	4	12	7	2	4	12	7	2	4	12	7								
	B	2	4	12	7	2	4	12	7	2	4	12	7								
Design Pressure:		+62.7/-62.7				+55.4/-55.4				+50/-50											
120"	A	2	4	14	8	2	4	14	8	2	4	14	8								
	B	2	4	14	8	2	4	14	8	2	4	14	8								

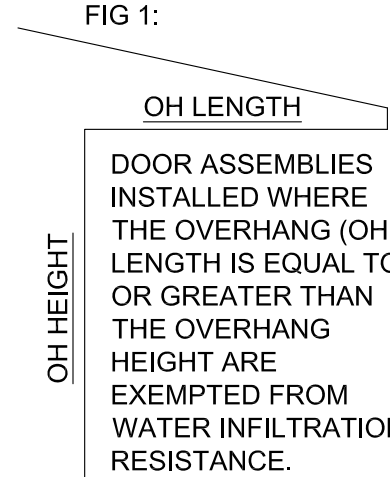
HOOKSTRIP = TOTAL # OF ANCHORS REQUIRED THROUGH THE HOOKSTRIP, PERPENDICULAR TO THE GLASS.

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 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 2 & 10 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 (NI) HVHZ
DP AND ANCHOR QTY TABLE 1

07/10/22
JENS ROSOWSKI

SGD8100A

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8100-NI-HVHZ

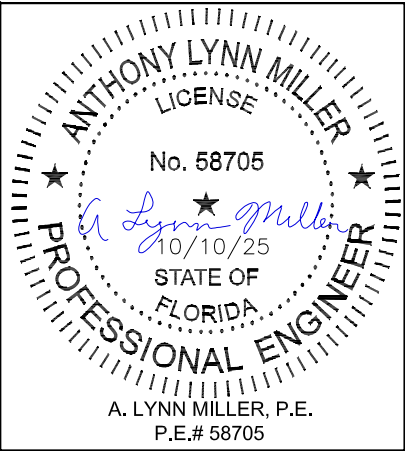
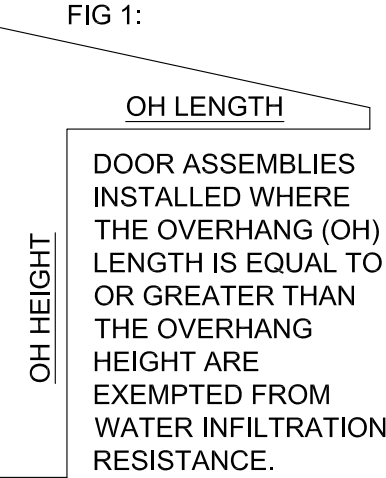


TABLE 2:

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/-148.5			
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/-149.7				+125.3/-142.2			
84"	A	2	8	10	7	4	8	10	7	4	8	10	8	4	8	10	8	6	8	10	8
	B	2	6	10	6	2	6	10	7	4	6	10	7	4	8	10	7	4	8	10	7
Design Pressure:		+125.3/-150				+125.3/-150				+125.3/-145.5				+125.3/-135.4				+125.3/-128			
90"	A	2	8	10	7	4	8	10	8	4	8	10	8	4	8	10	8	4	8	10	8
	B	2	6	10	6	2	6	10	7	4	8	10	8	4	8	10	7	4	8	10	7
Design Pressure:		+125.3/-150				+125.3/-142.5				+125.3/-129.7				+120.2/-120.2				+100/-100			
98"	A	2	8	12	8	4	8	12	8	4	8	12	8	4	8	12	8	4	8	12	7
	B	2	6	12	7	2	8	12	7	2	8	12	7	4	8	12	7	4	6	12	7
Design Pressure:		+125.3/-150				+125.3/-135.4				+123.1/-123.1				+113.8/-113.8							
102"	A	2	8	12	8	4	8	12	8	4	8	12	8	4	8	12	8				
	B	2	6	12	7	2	8	12	7	2	8	12	8	4	8	12	8				
Design Pressure:		+125.3/-142.2				+125.3/-126.1				+114.3/-114.3				+78.7/-78.7							
108"	A	2	8	12	8	2	8	12	8	4	8	12	8	2	6	12	7				
	B	2	8	12	7	2	8	12	7	2	8	12	7	2	6	12	7				
Design Pressure:		+125.3/-133.3				+118/-118				+106.7/-106.7											
114"	A	2	8	12	8	2	8	12	8	4	8	12	8								
	B	2	8	12	7	2	8	12	8	2	8	12	8								
Design Pressure:		+125.3/-125.5				+110.8/-110.8				+100/-100											
120"	A	2	8	14	8	2	8	14	8	2	8	14	8								
	B	2	8	14	8	2	8	14	8	2	8	14	8								
Design Pressure:		+69.3/-69.3				+60.2/-60.2															
126"	A	2	6	14	8	2	6	14	8												
	B	2	4	14	8	2	4	14	8												
Design Pressure:		+60.1/-60.1				+52.1/-52.1															
132"	A	2	6	14	9	2	6	14	9												
	B	2	4	14	9	2	4	14	9												
Design Pressure:		+52.5/-52.5				+45.4/-45.4															
138"	A	2	4	14	9	2	4	14	9												
	B	2	4	14	9	2	4	14	9												
Design Pressure:		+46.1/-46.1																			
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 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 2 & 10 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 (NI) HVHZ

07/10/22

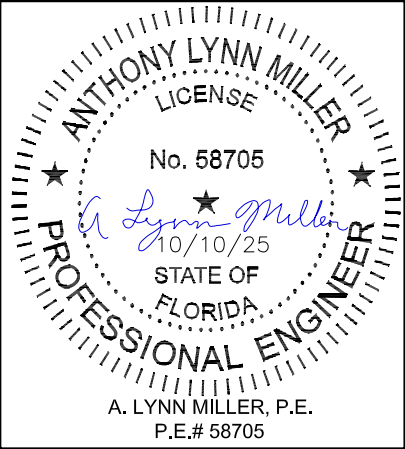
By JENS ROSOWSKI

DP AND ANCHOR QTY TABLE 2

SGD8100A

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8100-NI-HVHZ

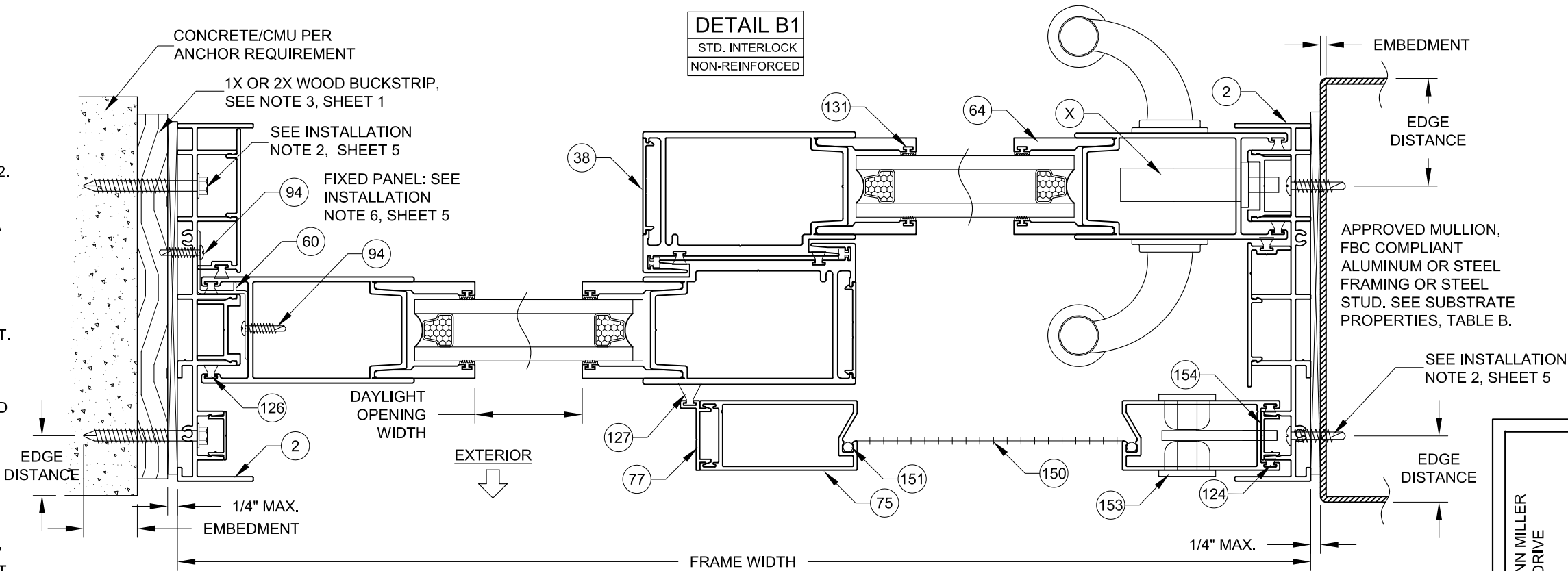


INSTALLATION NOTES:

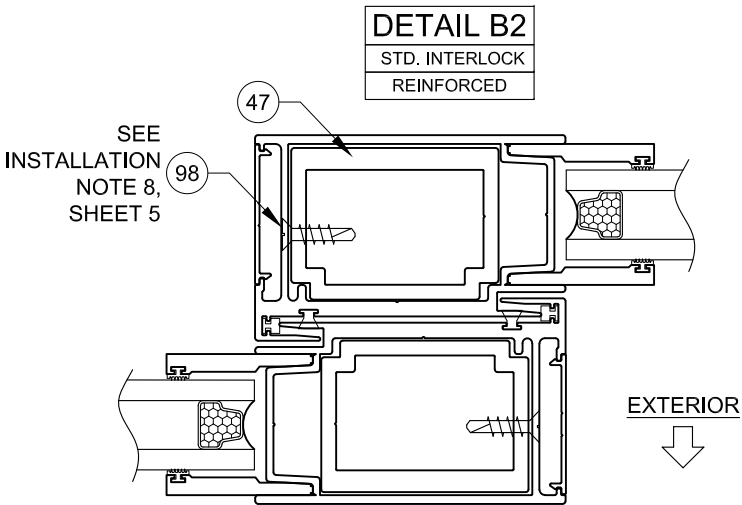
- 1) DETAILS APPLY TO 2, 3, 4 AND 5 TRACK CONFIGURATIONS. INSTALLATION ANCHORS AND SUBSTRATE DETAILS MAY APPLY TO ANY FRAME LOCATION.
- 2) SEE TABLE B FOR SPECIFIC REQUIREMENTS PER THE ANCHOR AND SUBSTRATE BEING USED.
- 3) SEE SHEETS 2 & 10 FOR ANCHOR LOCATIONS & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1-2.
- 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 1-2 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.



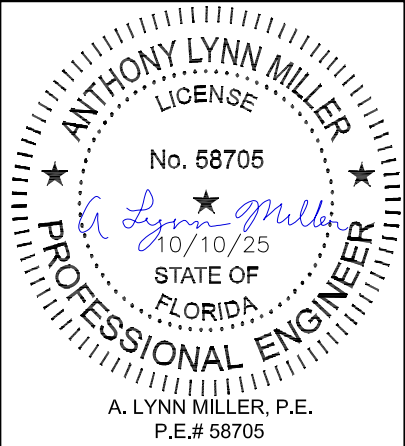
HORIZONTAL X-SECTION
OX, 2P-2T, WITH BOX SCREEN

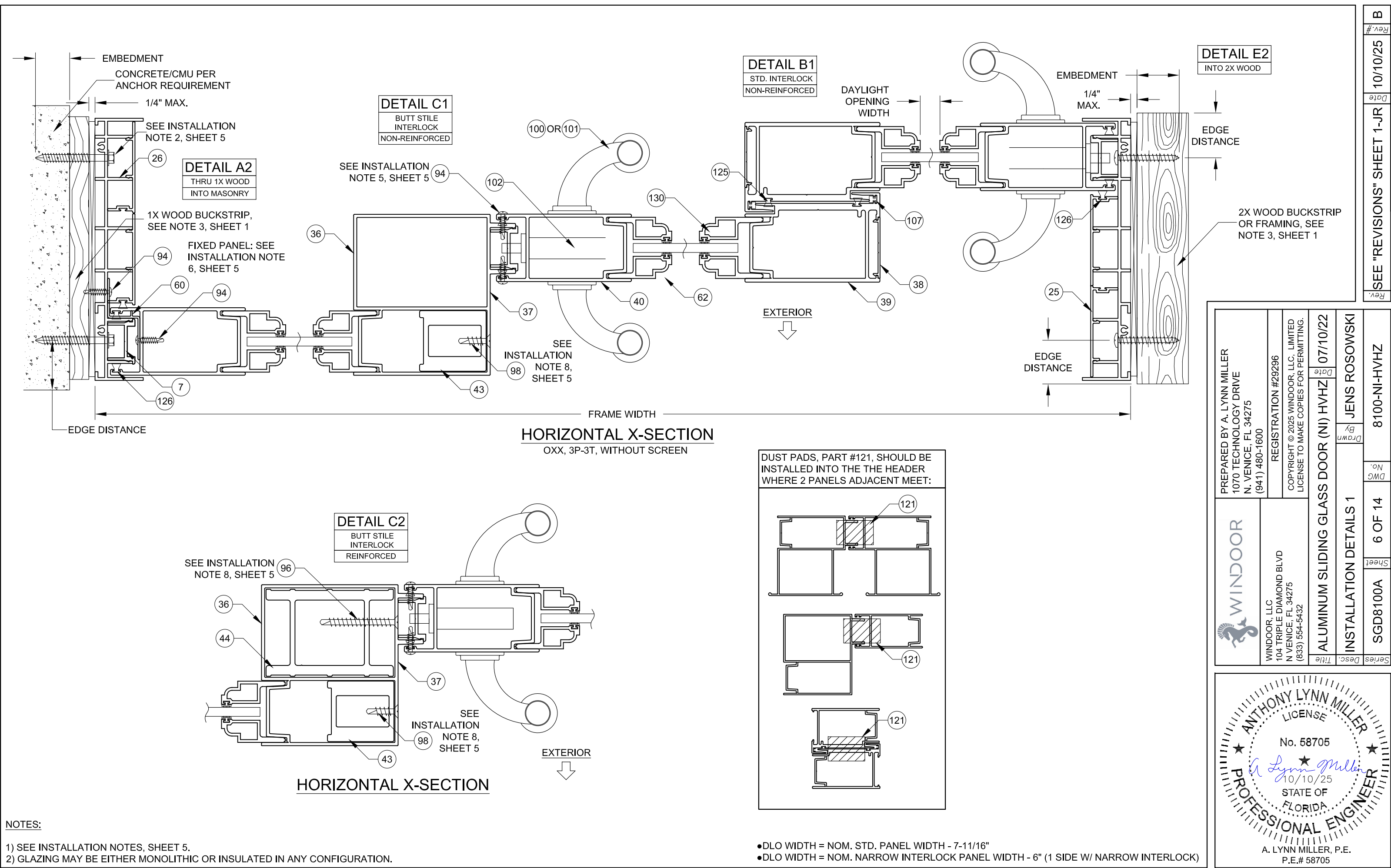


HORIZONTAL X-SECTION

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

 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.	
Title	ALUMINUM SLIDING GLASS DOOR (NI) HVHZ			Date	07/10/22
Series Desc.	INSTALLATION DETAILS 1		By	JENS ROSOWSKI	
Sheet	SGD8100A	5 OF 14	DWG No.	8100-NI-HVHZ	

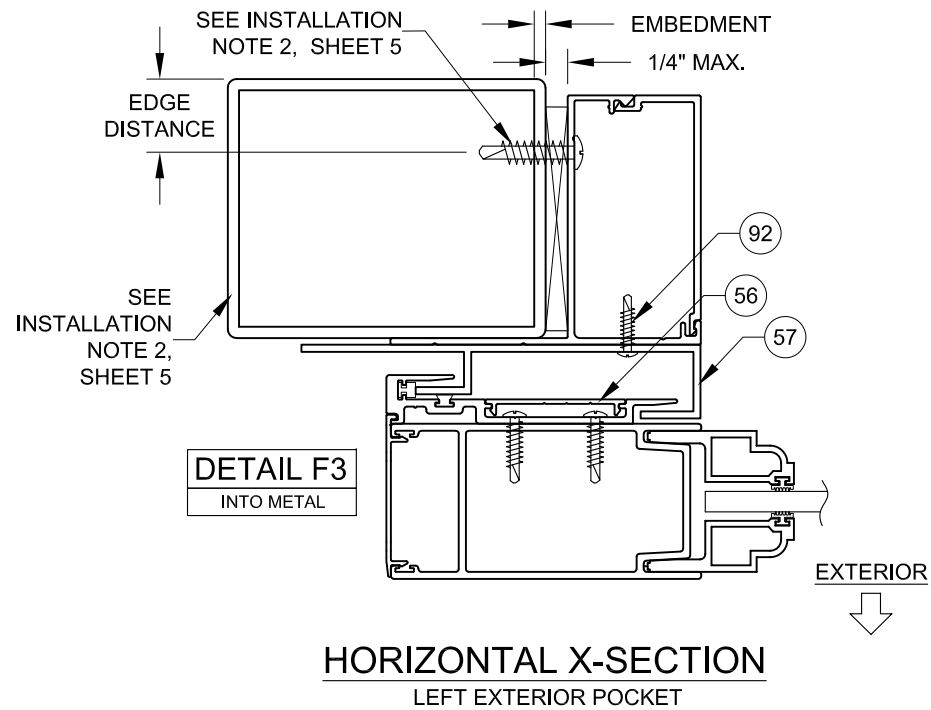
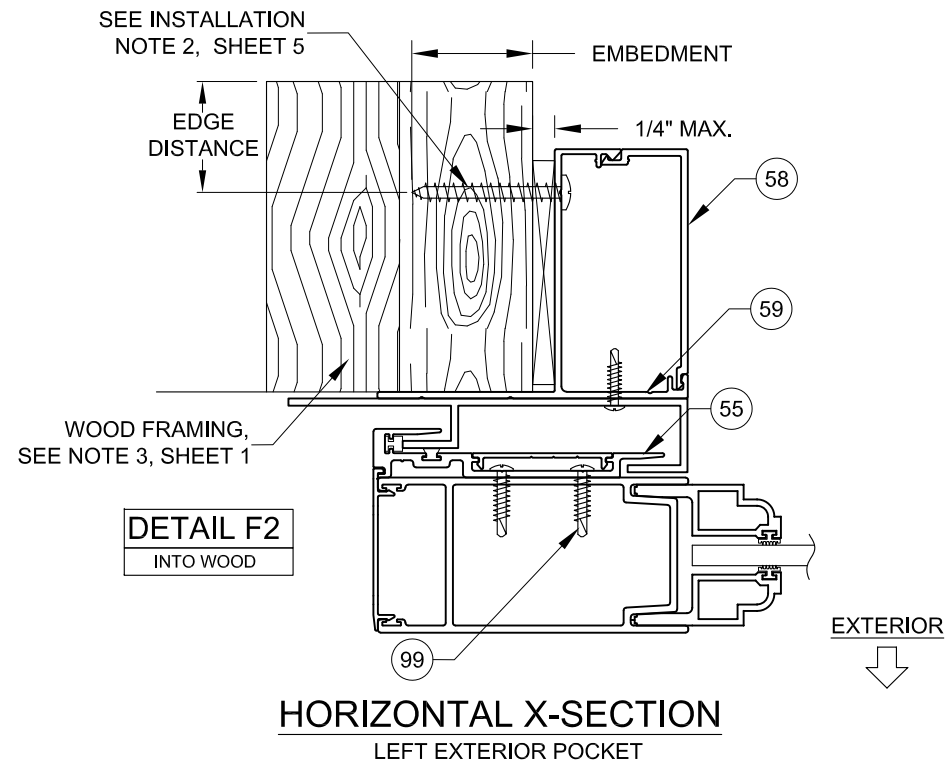
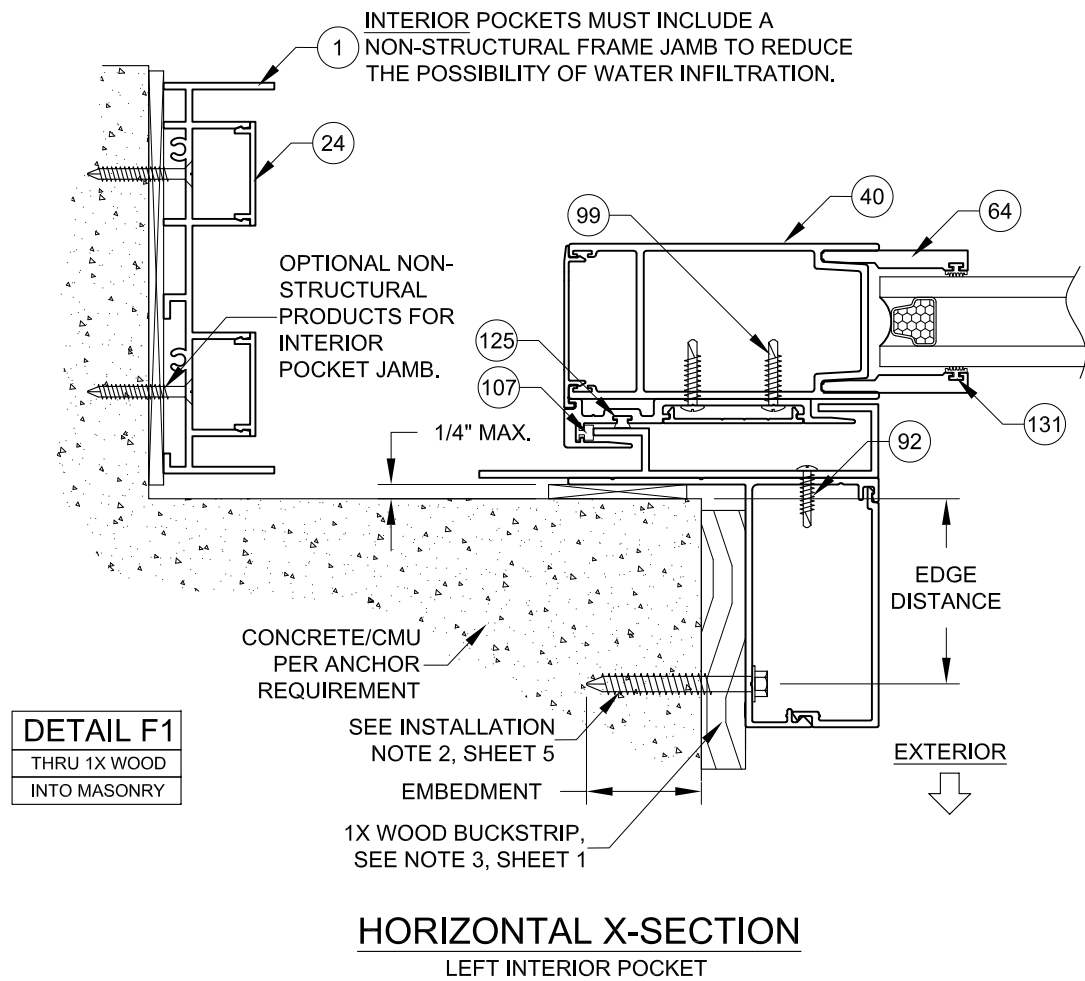




Rev. #	10/10/25	B
Date	10/10/25	
Rev.	SEE "REVISIONS" SHEET 1-JR	

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296	07/10/22
WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		COPYRIGHT © 2025 WINDOOR, LLC. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	
ALUMINUM SLIDING GLASS DOOR (NI) HVHZ		By JENS ROSOWSKI	Date 07/10/22
INSTALLATION DETAILS 1		No. 6 OF 14	DWG
SGD8100A		Sheet	6 OF 14
Series		Desc.	8100-NI-HVHZ

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

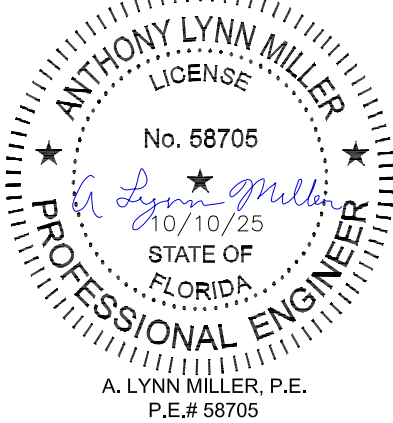


NOTES:

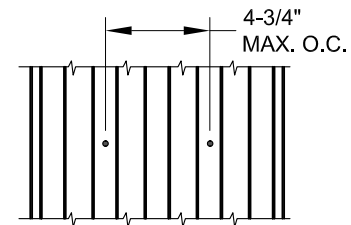
- 1) SEE INSTALLATION NOTES, SHEET 5.
- 2) GLAZING MAY BE EITHER MONOLITHIC OR INSULATED IN ANY CONFIGURATION.

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

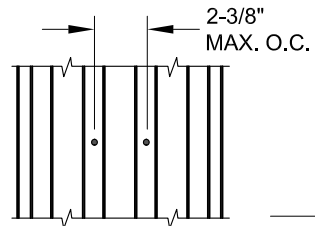
	PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2025 WINDOOR, LLC, LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	07/10/22	JENS ROSOWSKI	8100-NI-HVHZ
	WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432	ALUMINUM SLIDING GLASS DOOR (NI) HVHZ	07/10/22		
INSTALLATION DETAILS 1			By	8 OF 14	
SGD8100A			Date	8 OF 14	



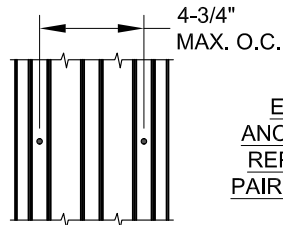
ANTHONY LYNN MILLER
LICENSE
No. 58705
10/10/25
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



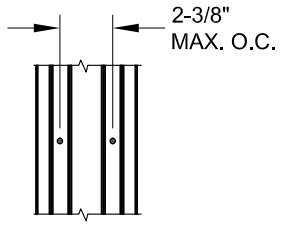
4-3/4"
MAX. O.C.



2-3/8"
MAX. O.C.



4-3/4"
MAX. O.C.



2-3/8"
MAX. O.C.

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

21" MAX. O.C.,
SEE TABLES 1-2
FOR QUANTITY.

6" MAX.

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 1-2.

SEE SHEET 11 FOR
ANCHOR CLUSTER
SPACING, TABLES 1-2
FOR QUANTITY.

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

2-3/8"
MAX. O.C.

4-3/4"
MAX.
O.C.

2-3/8"
MAX. O.C.

4-3/4"
MAX.
O.C.

HOOKSTRIP
(SINGLE ROW OF
ANCHORS)

POCKET
WALL
UNDER
SEPARATE
APPROVAL

17" MAX. O.C.,
SEE TABLES 1-2
FOR QUANTITY.

144" MAX.
FRAME
HEIGHT

DAYLIGHT
OPENING
WIDTH

DAYLIGHT
OPENING
HEIGHT

ANCHOR PAIR AT
EACH CORNER.

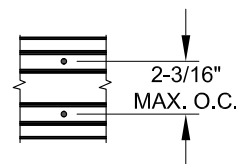
6" MAX.

EACH SILL
ANCHOR SHOWN
REPRESENTS A
PAIR OF ANCHORS

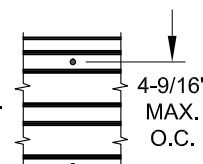
24" MAX. O.C.,
ADDITIONAL ANCHOR
PAIR MAY BE REQUIRED
FOR LONGER SPANS,
SEE TABLES 1-2.

SEE SHEET 11 FOR
ANCHOR CLUSTER
SPACING, TABLES 1-2
FOR QUANTITY.

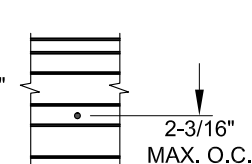
ANCHOR LOCATIONS
XXXXP SHOWN, OTHERS SIMILAR



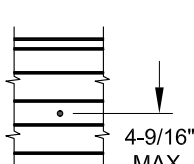
2-3/16"
MAX. O.C.



4-9/16"
MAX.
O.C.



2-3/16"
MAX. O.C.



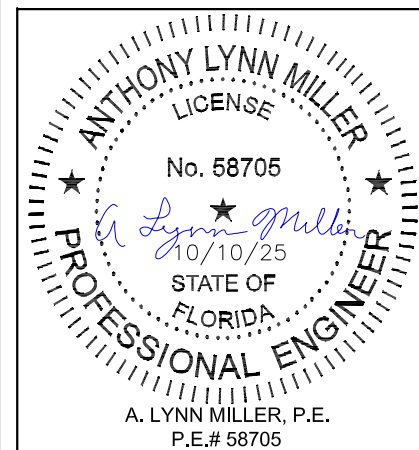
4-9/16"
MAX.
O.C.

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

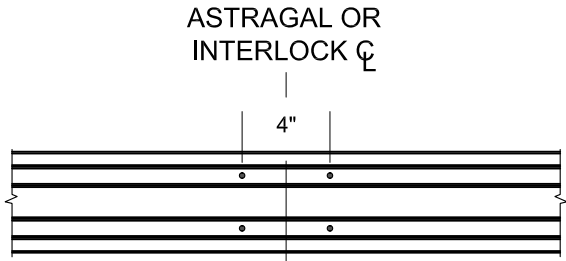
NOTES:

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

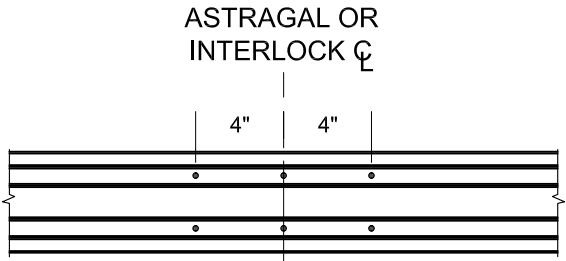
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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N. VENICE, FL 34275 (833) 554-5432		ANCHOR LOCATIONS	JENS ROSOWSKI
ALUMINUM SLIDING GLASS DOOR (NI) HVHZ		10 OF 14	8100-NI-HVHZ
SGD8100A			



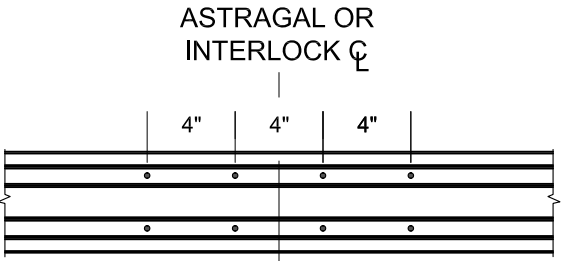
Rev. #	10/10/25	B
Date	10/10/25	
Rev.	SEE "REVISIONS" SHEET 1-JR	



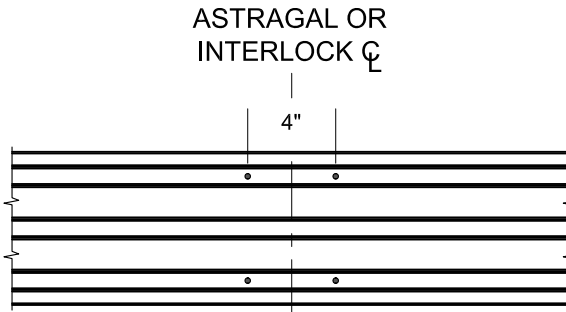
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2 TRACKS, STRAIGHT UNIT



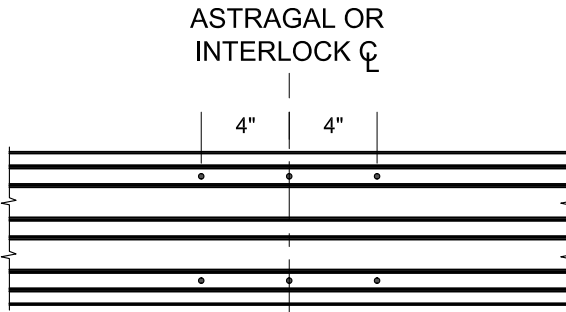
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2 TRACKS, STRAIGHT UNIT



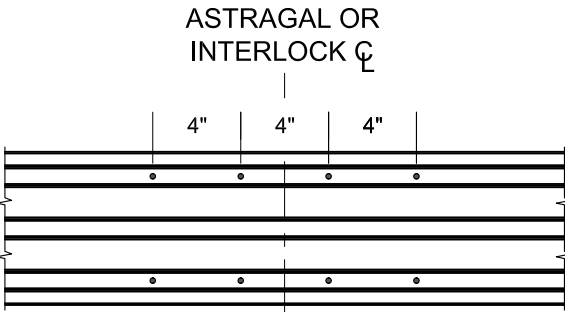
8 ANCHOR CLUSTER O.C.
2 TRACKS, STRAIGHT UNIT



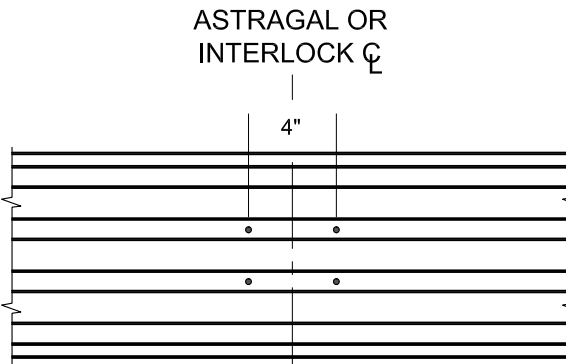
4 ANCHOR CLUSTER O.C.
3 TRACKS, STRAIGHT UNIT



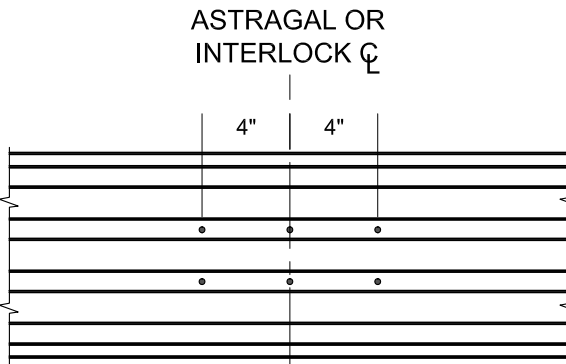
6 ANCHOR CLUSTER O.C.
3 TRACKS, STRAIGHT UNIT



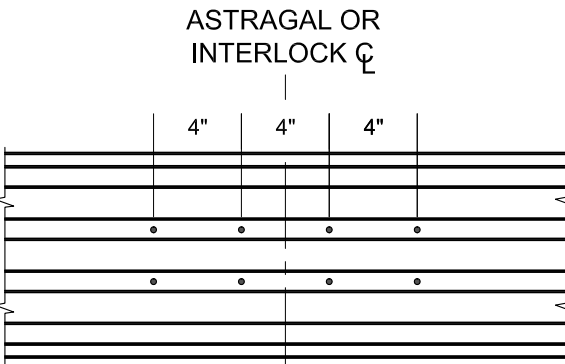
8 ANCHOR CLUSTER O.C.
3 TRACKS, STRAIGHT UNIT



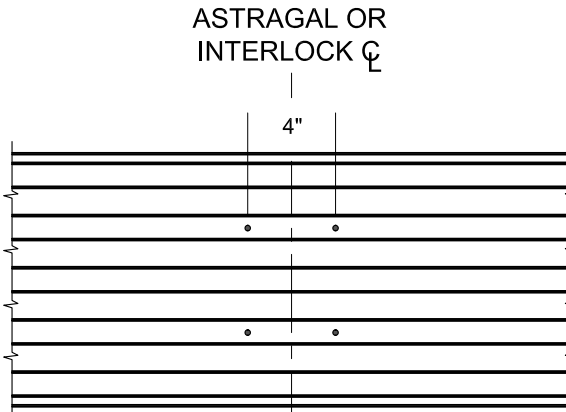
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4 TRACKS, STRAIGHT UNIT



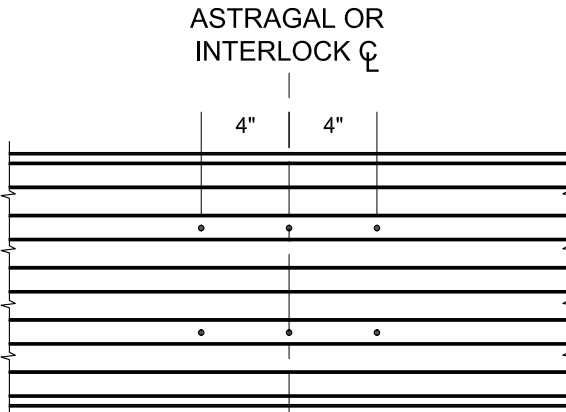
6 ANCHOR CLUSTER O.C.
4 TRACKS, STRAIGHT UNIT



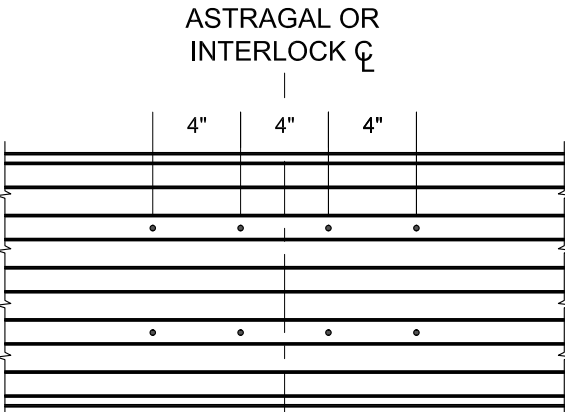
8 ANCHOR CLUSTER O.C.
4 TRACKS, STRAIGHT UNIT



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



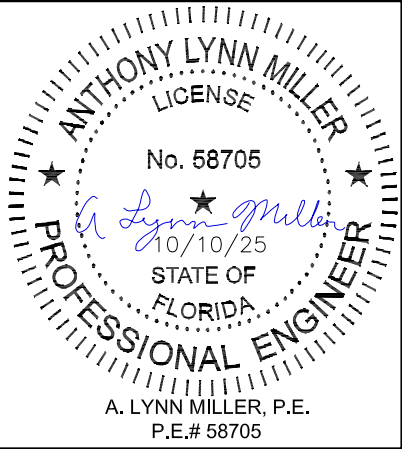
6 ANCHOR CLUSTER O.C.
5 TRACKS, STRAIGHT UNIT



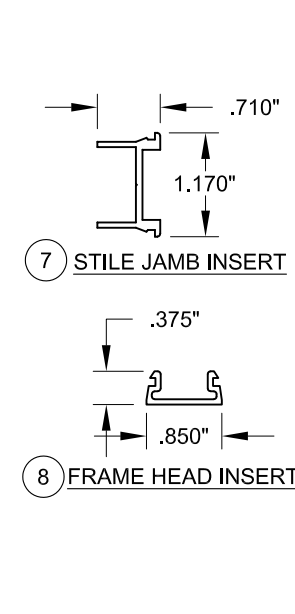
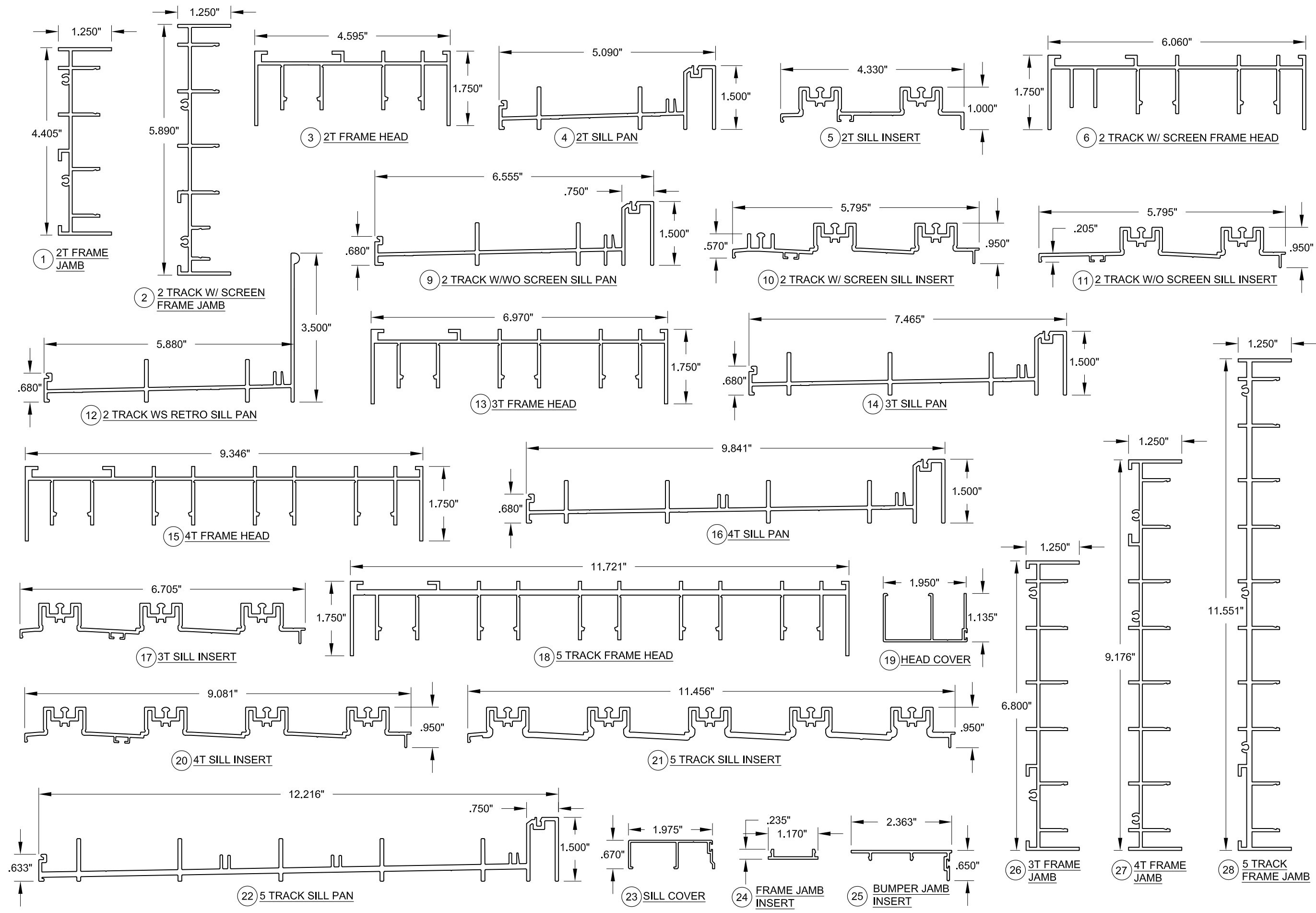
8 ANCHOR CLUSTER O.C.
5 TRACKS, STRAIGHT UNIT

- 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 (NI) HVHZ		JENS ROSOWSKI	
ANCHOR SPACING		11 OF 14		8100-NI-HVHZ	
SGD8100A		11 OF 14		8100-NI-HVHZ	

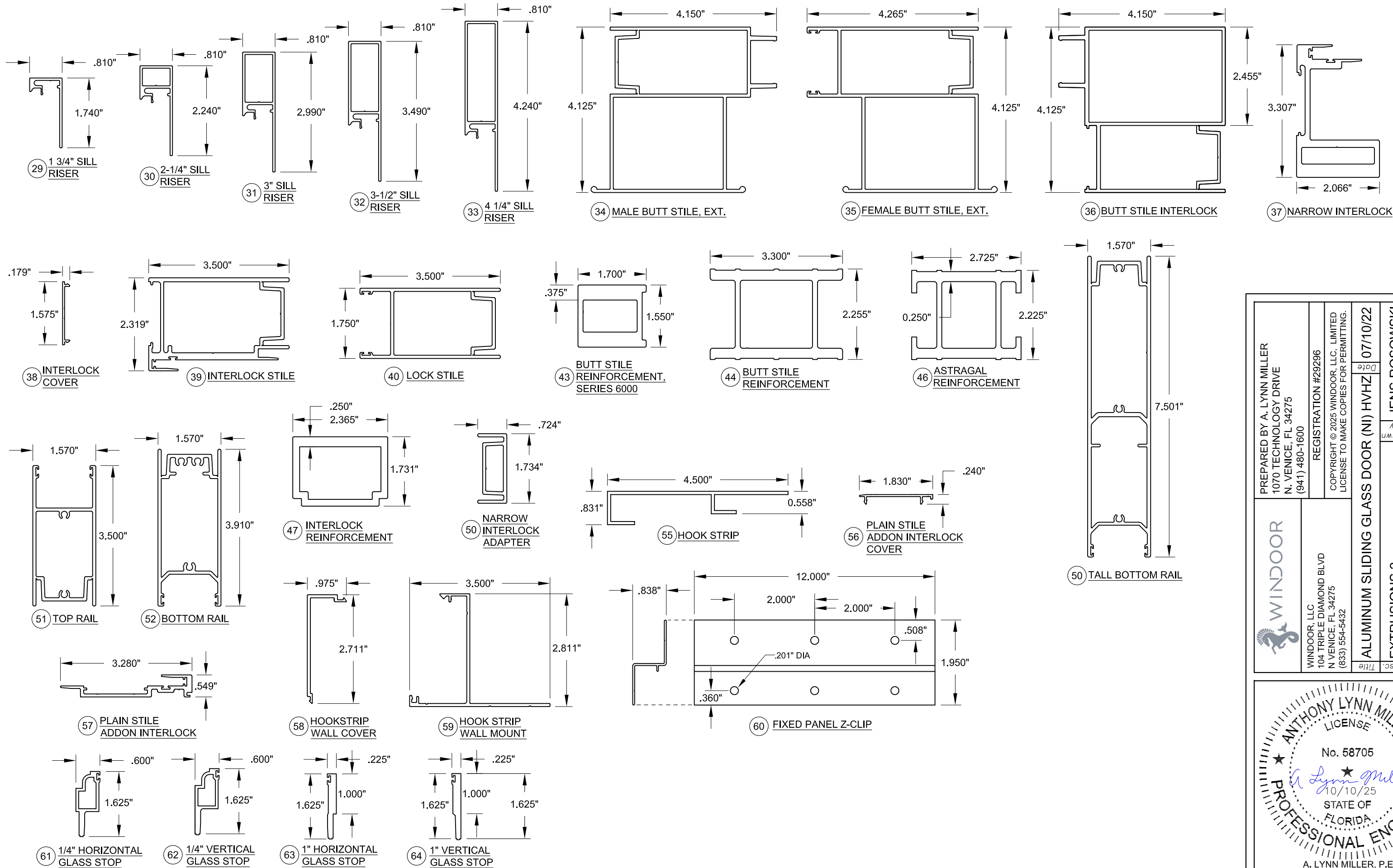


Rev.	10/10/25	B
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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N. VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (NI) HVHZ	
EXTRUSIONS 1		By JENS ROSOWSKI	Date
SGD8100A		No. 12 OF 14	Rev. 10/10/25
Series		Desc.	
8100-NI-HVHZ		SEE "REVISIONS" SHEET 1-JR	

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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WINDOOR, LLC 104 TRIPLE DIAMOND BLVD N VENICE, FL 34275 (833) 554-5432		ALUMINUM SLIDING GLASS DOOR (NI) HVHZ		JENS ROSOWSKI	
EXTRUSIONS 2		13 OF 14		8100-NI-HVHZ	
SGD8100A		Sheet		DWG	
No.		By		Date	

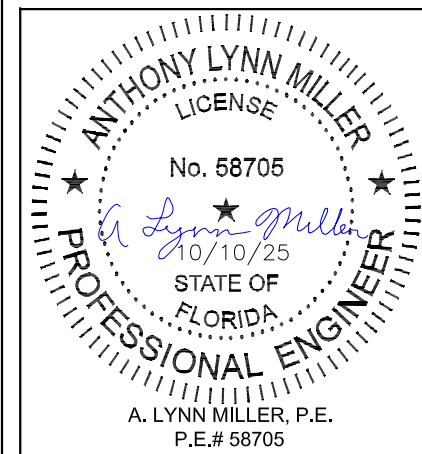
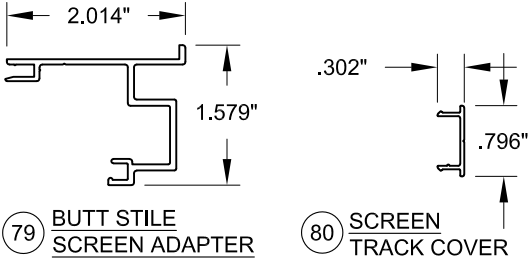
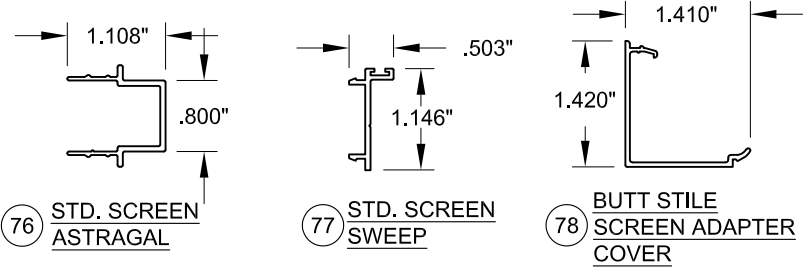
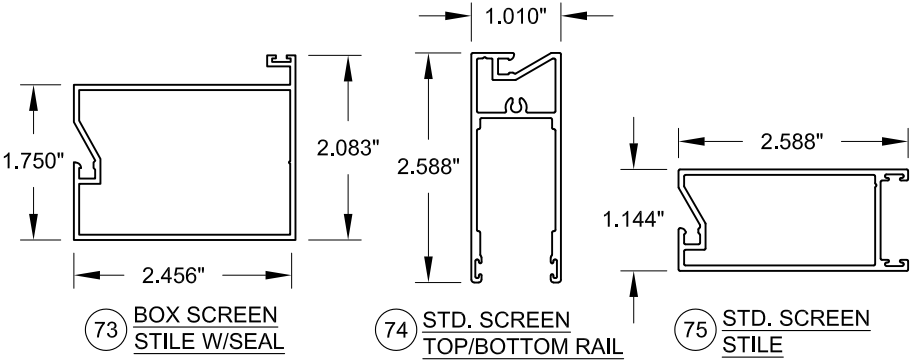
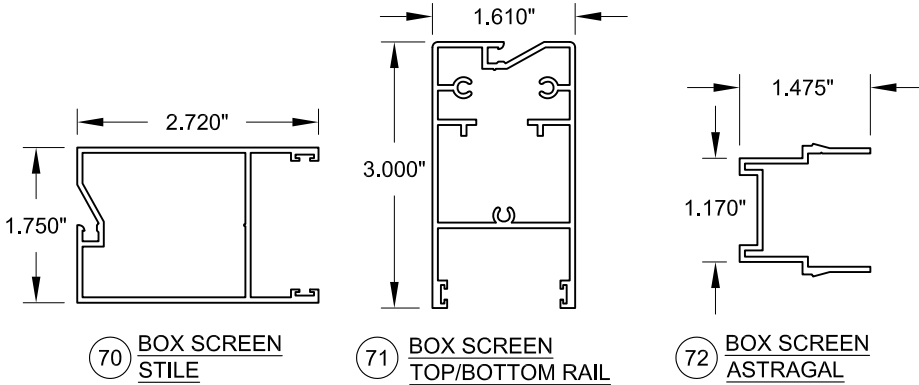
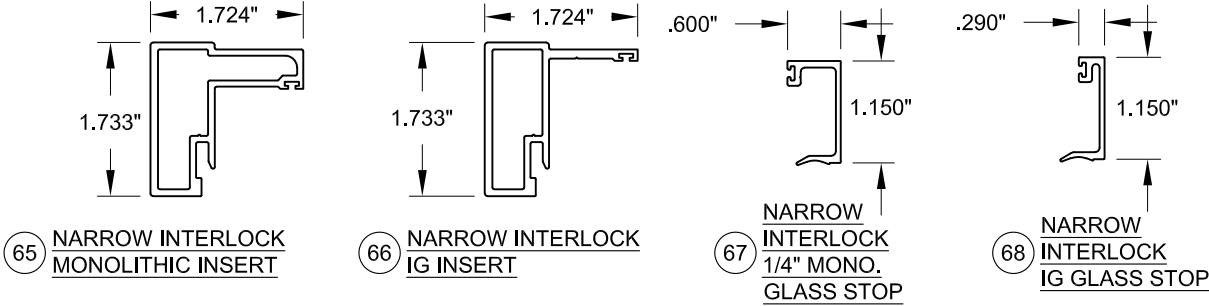


TABLE E:

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	12001876	1/4" HORIZONTAL GLASS STOP	ALUM. 6063-T6
62	12001875	1/4" 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	11004534	NARROW INTERLOCK 1/4" 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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	BOM & EXTRUSIONS		14 OF 14		SGD8100A	

