

**SERIES SGD5470 VINYL, NON-IMPACT RESISTANT SLIDING GLASS DOOR INCLUDING POCKETS, 90° / 135° CORNERS & FIN ADDON**

**IMPACT RATING**  
NOT RATED FOR MISSILE IMPACT RESISTANCE

**DESIGN PRESSURE RATING**  
SEE TABLES 1, 2 & B1, B2 ON SHEETS 7 & 8

**GENERAL NOTES:**

- 1) GLAZING TYPE OPTIONS: SEE GLAZING DETAILS ON SHEET 10.
- 2) DESIGN PRESSURES:
  - A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS PER ASTM E1300.
  - B. POSITIVE DESIGN LOADS BASED ON TESTED PRESSURE, WATER TEST PRESSURE AND GLASS PER ASTM E1300.
- 3) ANCHORAGE: THE 33-1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC).
- 4) SHUTTERS ARE REQUIRED PER FBC REQUIREMENTS, AS APPLICABLE.
- 5) INSTALLATION SCREWS & FRAME SPLICES TO BE SEALED WITH NARROW JOINT SEALANT. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
- 6) REFERENCES (NOA'S): ELCO ULTRACON, CRETEFLEX & AGGREGATOR ANCHOR NOA'S, VISION EXTRUSION, LTD. WHITE RIGID PVC NOA, VE 1000 TAN 202 AND LIGHTER SHADES (NON-WHITE) RIGID PVC NOA AND BROWN COATED (PAINTED OR LAMINATED) WHITE RIGID PVC NOA  
REFERENCES (TEST REPORTS): FTL-6367, 6368, 6369, 6370, 6371 & 8545; EXOVA-10-002-792(A) & 10-006-10231; CAMBRIDGE 535753-09;
- 7) DOOR SIZES MUST BE VERIFIED FOR COMPLIANCE WITH EGRESS REQUIREMENTS PER THE FBC, AS APPLICABLE.
- 8) DRAWINGS DEPICT EXTERIOR-GLAZING, HOWEVER INTERIOR-GLAZING MAY BE SUBSTITUTED.
- 9) THE 5470 SERIES SLIDING GLASS DOOR MAY ALSO BE KNOWN AS THE 470 SERIES.

**ANCHOR NOTES:**

- 1) FOR CONCRETE/CMU SUBSTRATE APPLICATIONS, SEE TABLE A ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
- 2) FOR OTHER SUBSTRATE APPLICATIONS SEE TABLE A ON THIS SHEET.
- 3) WOOD BUCKS DEPICTED AS 1X ARE LESS THAN 1-1/2" THICK. PROPERLY SECURED, 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE OR CMU. 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. BUCK DESIGN AND INSTAL- LATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE BUILDING OFFICIAL.
- 4) 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.

**INSTRUCTIONS:**

- 1) KNOWING THE REQUIRED DESIGN PRESSURE OF THE OPENING, THE ANCHOR REQUIREMENTS FOR THE SLIDING GLASS DOORS MAY BE DETERMINED FROM DESIGN PRESSURE TABLES 1 OR 2, DEPENDING ON THE REINFORCEMENT LEVEL DESIRED.
- 2) LOCATE THE SLIDING GLASS DOOR SIZE ON THE TABLE, USING THE FRAME HEIGHT AND THE NOMINAL PANEL WIDTH IF YOUR EXACT SIZE IS NOT LISTED, ROUND UP TO THE NEXT GREATER LISTED WIDTH AND/OR HEIGHT.
- 3) CHOOSE WHICH ANCHOR GROUP (A-D) IS MOST APPLICABLE. ANCHORS ARE DEFINED IN TABLE A, THIS SHEET, ALONG WITH THE CORRESPONDING SUBSTRATE, MINIMUM EMBEDMENT AND MINIMUM EDGE DISTANCE.
- 4) FROM THE DESIGN PRESSURE TABLES (TABLES 1 OR 2), VERIFY THAT THE OPENING'S REQUIRED DESIGN PRESSURE IS MET OR EXCEEDED. USE THE ANCHOR QUANTITIES SHOWN.
- 5) INSTALL AS PER THE GUIDELINES OF THIS SHEET-SET.
- 6) ADDITIONALLY, SEE THE EXAMPLE ON SHEET 9.

GENERAL NOTES.....	1
EXAMPLE CONFIGS.....	2
INSTALL DETAILS.....	3-6
DP/ANCHOR TABLES.....	7-8
EXAMPLE.....	9
GLAZING DETAILS.....	10
ANCHOR LOCATIONS.....	11-16
PANEL TYPES.....	17
EXTRUSIONS.....	18
ACCESSORIES.....	19
SCREEN DETAILS.....	20
PARTS LIST.....	21
FIN ADDON INSTALL.....	22-25

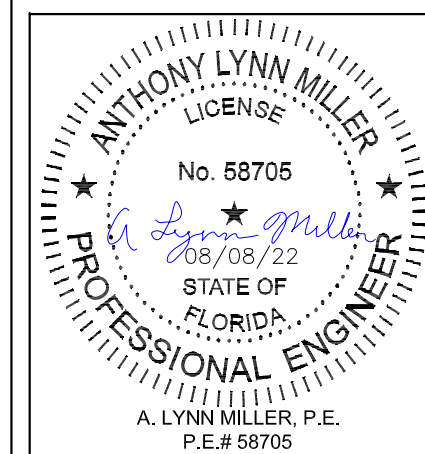
Nominal Panel Size		Design Pressure		Product Rating
Width	Height	(+) psf	(-) psf	
60"	96"	60	60	LC-PG60
48"	120"	60	65	LC-PG60
48"	96"	60	60	LC-PG60
48"	96"	80	80	LC-PG80

TABLE A:

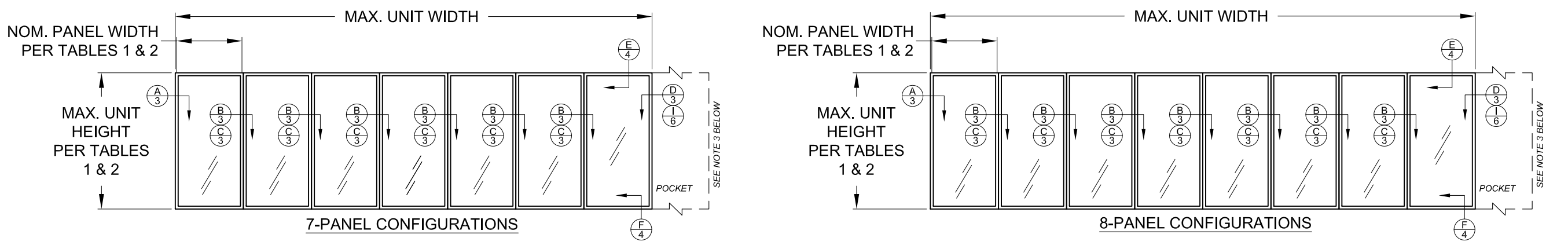
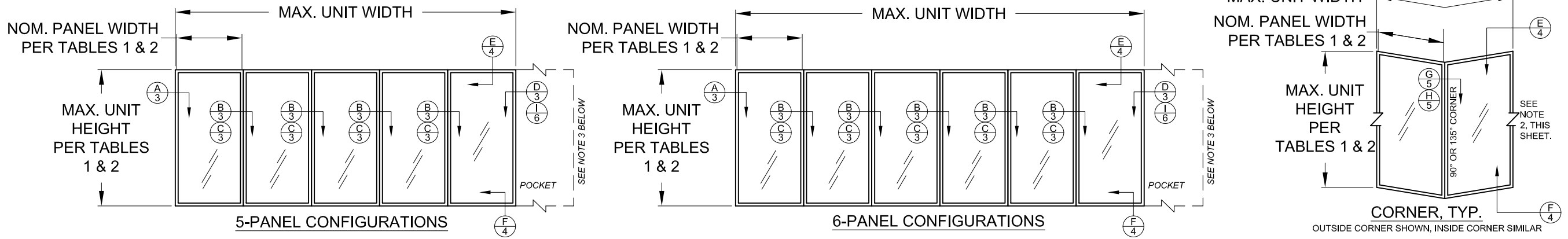
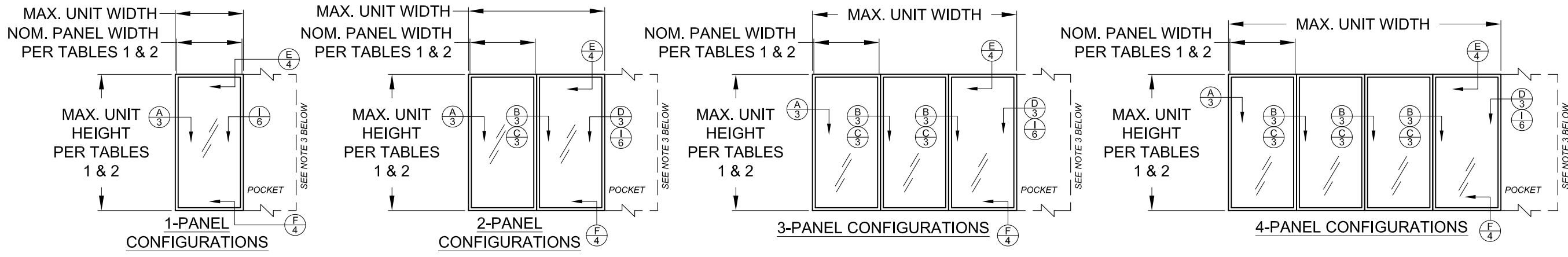
Group	Anchor	Substrate	Frame Member	Min. Edge Distance	Min. Embedment
A	#12, steel SMS (G5) or 410 S.S. SMS, (min. 11 threads/in)	P.T. Southern Pine (SG=0.55)	Head/Sill/Jamb	9/16"	1-3/8"
			P-hook	9/16"	1-3/8"
		Aluminum, 6063-T5* (0.125" min. thickness)	Head/Sill/Jamb	3/8"	1/8"
			P-hook	3/8"	1/8"
		Steel, A36* (0.060" min. thickness)	Head/Sill/Jamb	3/8"	0.060"
			P-hook	3/8"	0.060"
	Steel Stud, A653 Gr. 33* (0.071" min. thickness)	Head/Sill/Jamb	3/8"	0.071" (14 Ga.)	
		P-hook	3/8"	0.071" (14 Ga.)	
	1/4" Elco Ultracon	P.T. Southern Pine (SG=0.55)	Head/Sill/Jamb	1"	1-3/8"
			P-hook	1"	1-3/8"
			Head/Sill/Jamb	1"	1-3/8"
	1/4" DeWalt Ultracon+	P.T. Southern Pine (SG=0.55)	P-hook	1"	1-3/8"
Head/Sill/Jamb			1"	1-3/8"	
1/4" Elco 410 S.S. CreteFlex	P.T. Southern Pine (SG=0.55)	Head/Sill/Jamb	1"	1-3/8"	
		P-hook	1"	1-3/8"	
B	#12, steel wood screw (G5)	P.T. Southern Pine (SG=0.55)	Head/Sill/Jamb	9/16"	1-3/8"
			P-hook	9/16"	1-3/8"
C	1/4" Elco Ultracon	Concrete (min. 2.85 ksi)	P-hook	1"	1-3/8"
			Head/Sill/Jamb	1-3/16"	1-3/8"
		UngROUTED CMU, (ASTM C-90)	Jamb	1"	1-1/4"
			P-hook	1"	1-1/4"
		Concrete (min. 3.00 ksi)	P-hook	1"	1-3/8"
			Head/Sill/Jamb	1-1/2"	1-3/8"
	UngROUTED CMU, (ASTM C-90)	Jamb	1"	1-1/4"	
		P-hook	1"	1-1/4"	
	1/4" Elco 410 S.S. CreteFlex	UngROUTED CMU, (ASTM C-90)	Jamb	1-3/4"	1-1/4"
			P-hook	1-3/4"	1-1/4"
		Concrete (min. 3.35 ksi)	Head/Sill/Jamb	1-3/16"	1-3/4"
			P-hook	1"	1-3/4"
	1/4" Elco 18-8 S.S. Aggre-Gator	Concrete (min. 2.22 ksi)	Head/Sill/Jamb	1-1/2"	1-3/8"
			P-hook	1-1/2"	1-3/8"
		UngROUTED CMU, (ASTM C-90)	Jamb	2"	1-1/4"
			P-hook	2"	1-1/4"
		P.T. Southern Pine (SG=0.55)	Head/Sill/Jamb	1"	1-3/8"
			P-hook	1"	1-3/8"
D	1/4" Elco Ultracon	Concrete (min. 2.85 ksi)	Head/Sill/Jamb	2-1/2"	1-3/8"
			P-hook	2-1/2"	1-3/8"
		UngROUTED CMU, (ASTM C-90)	Jamb	2-1/2"	1-1/4"
			P-hook	2-1/2"	1-1/4"
	1/4" DeWalt Ultracon+	Concrete (min. 3.00 ksi)	Head/Sill/Jamb	2-1/2"	1-3/8"
			P-hook	2-1/2"	1-3/8"
		UngROUTED CMU, (ASTM C-90)	Jamb	2-1/2"	1-1/4"
			P-hook	2-1/2"	1-1/4"
	1/4" Elco 410 S.S. CreteFlex	Concrete (min. 3.35 ksi)	Head/Sill/Jamb	2-1/2"	1-3/4"
			P-hook	2-1/2"	1-3/8"
		UngROUTED CMU, (ASTM C-90)	Jamb	2-1/2"	1-1/4"
			P-hook	2-1/2"	1-1/4"

- 1) \* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
- 2) FOR STEEL STUDS, MIN. FU=45 KSI & MIN. FY=33 KSI.
- 3) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.
- 4) ALL ANCHOR HEAD TYPES APPLICABLE.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	Date: 06/12/11	JENS ROSOWSKI By:	No. 1 OF 25 DWG	Sheet SGD5470V	Title VINYL SLIDING GLASS DOOR (NI)
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600					

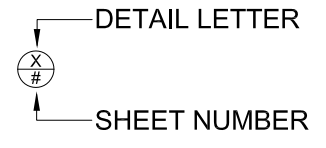


Rev. # 08/01/22  
 Date  
 UPDATED CERT. METHOD  
 Rev.



**CONFIGURATIONS NOTES:**

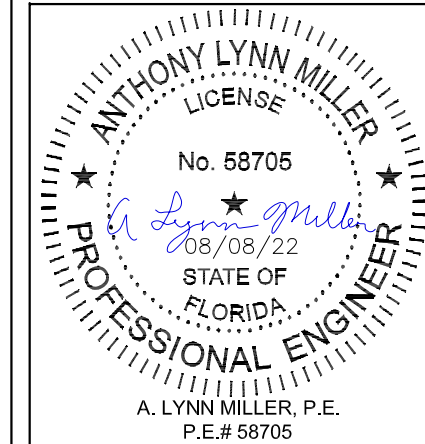
- 1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS. EXAMPLE: 4-PANEL XXXX IN POCKET (p) CONFIGURATION CAN BE pXXXXp, pXXXX OR XXXXp. OXXX IN POCKET CONFIGURATION CAN BE OXXXp.
- 2) 90° & 135° CORNER CONFIGURATIONS ARE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.
- 3) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- 4) FOR NOM. PANEL WIDTH, SEE TABLES 1 & 2.

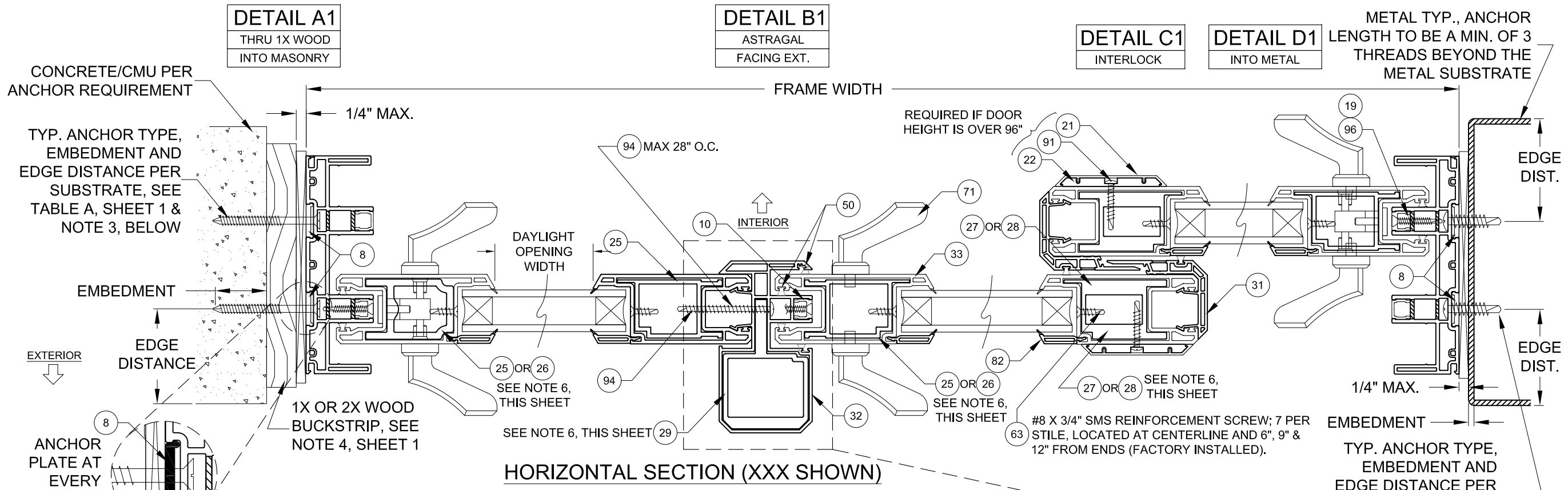


"X" = OPERABLE PANEL  
 "O" = INOPERABLE PANEL  
 "p" = POCKET

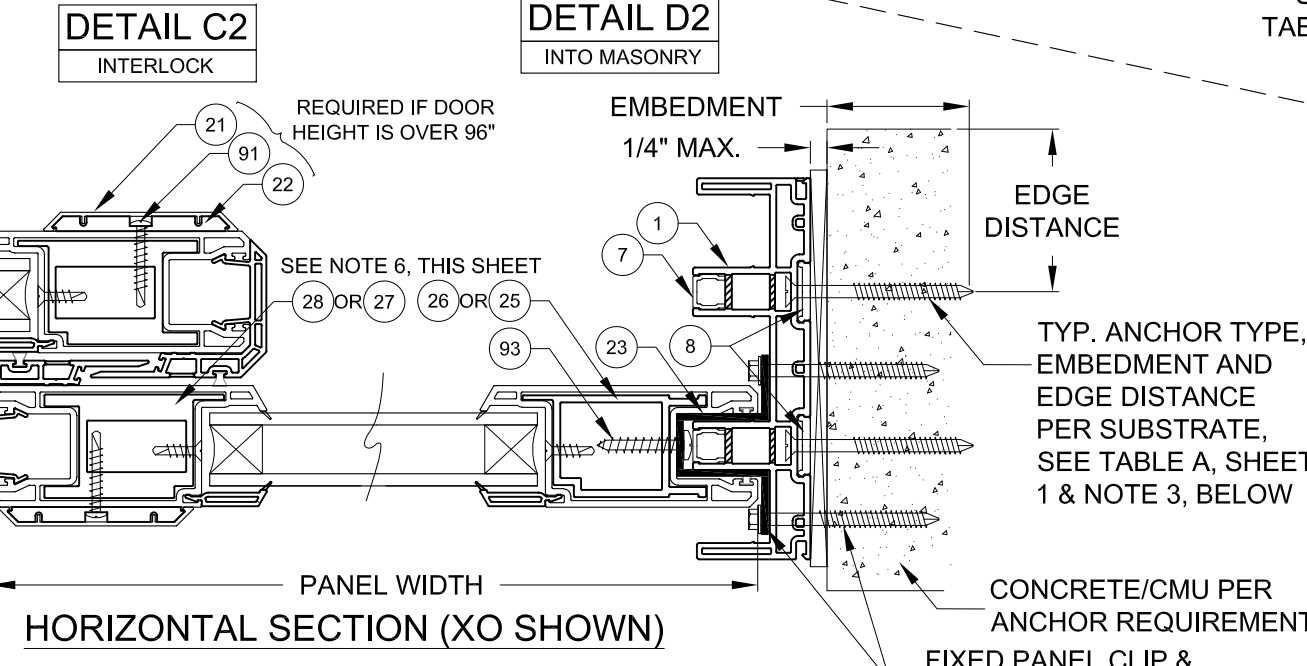
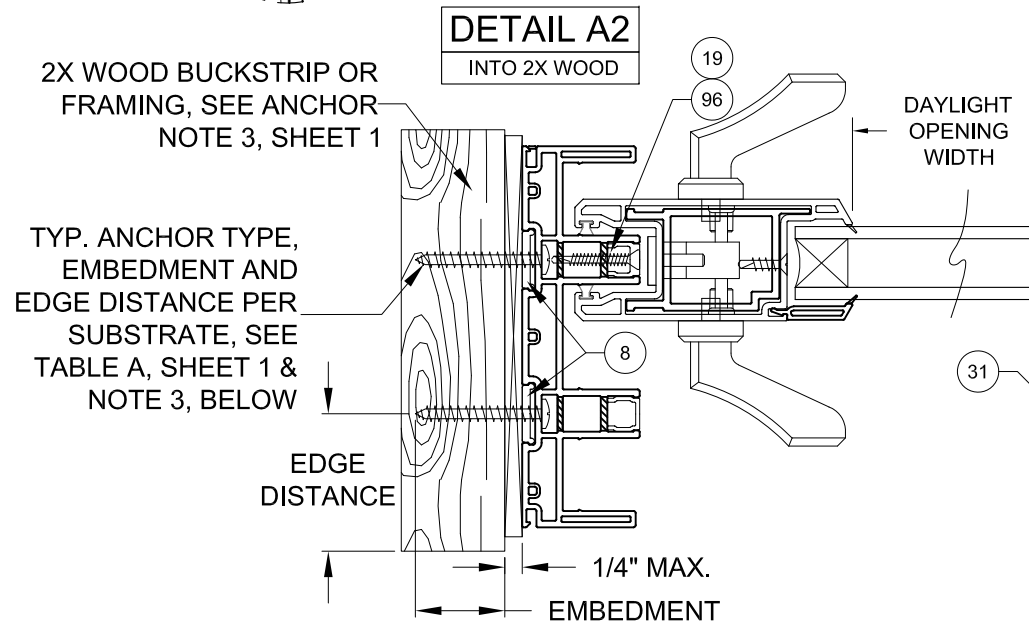
DLO WIDTH = NOMINAL PANEL WIDTH - 7-3/8"  
 DLO WIDTH = ACTUAL PANEL WIDTH - 8-9/16"  
 DLO HEIGHT = DOOR UNIT HEIGHT - 11-1/16"  
 PANEL HEIGHT = DOOR UNIT HEIGHT - 2-1/2"

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	Date: 06/12/11 By: JENS ROSOWSKI	No. DWG: 2 OF 25 Sheet: 2 OF 25	Series: SG5470V Desc: EXAMPLE CONFIGURATIONS Title: VINYL SLIDING GLASS DOOR (NI)
	SG5470FPA-NI			



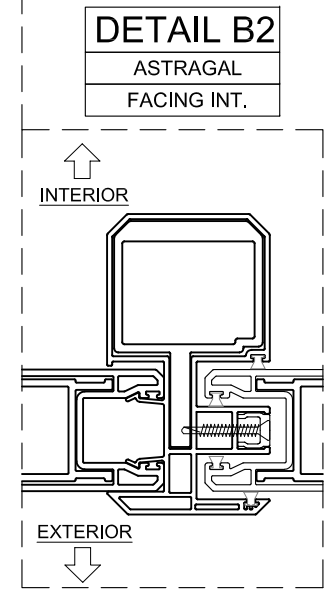
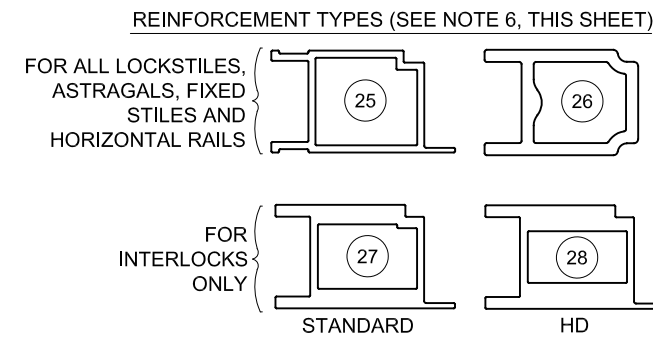


HORIZONTAL SECTION (XXX SHOWN)



HORIZONTAL SECTION (XO SHOWN)

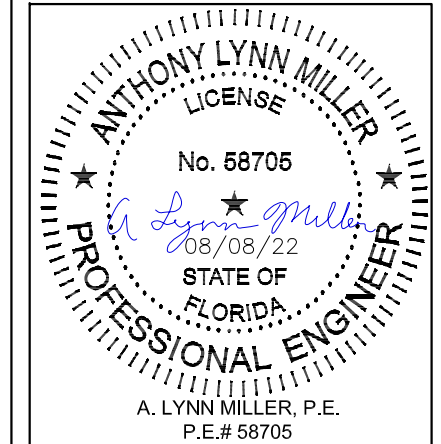
- NOTES**
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
  - 2) REFER TO ANCHOR NOTES, SHEET 1.
  - 3) SEE SHEET 13 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
  - 4) CONTINUOUS ANCHOR PLATE, ITEM #8, IS REQUIRED AT ALL FRAME ANCHOR LOCATIONS.
  - 5) PANEL WIDTH DOES NOT INCLUDE INTERLOCK OR ASTRAGAL ADD-ON.
  - 6) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS. ALL REINFORCEMENTS ARE APPROXIMATELY THE FULL LENGTH OF THE EXTRUSION. REFER TO TEST REPORTS FOR EXACT DIMENSIONS.
  - 7) SEE SHEET 20 FOR SCREEN DETAILS.



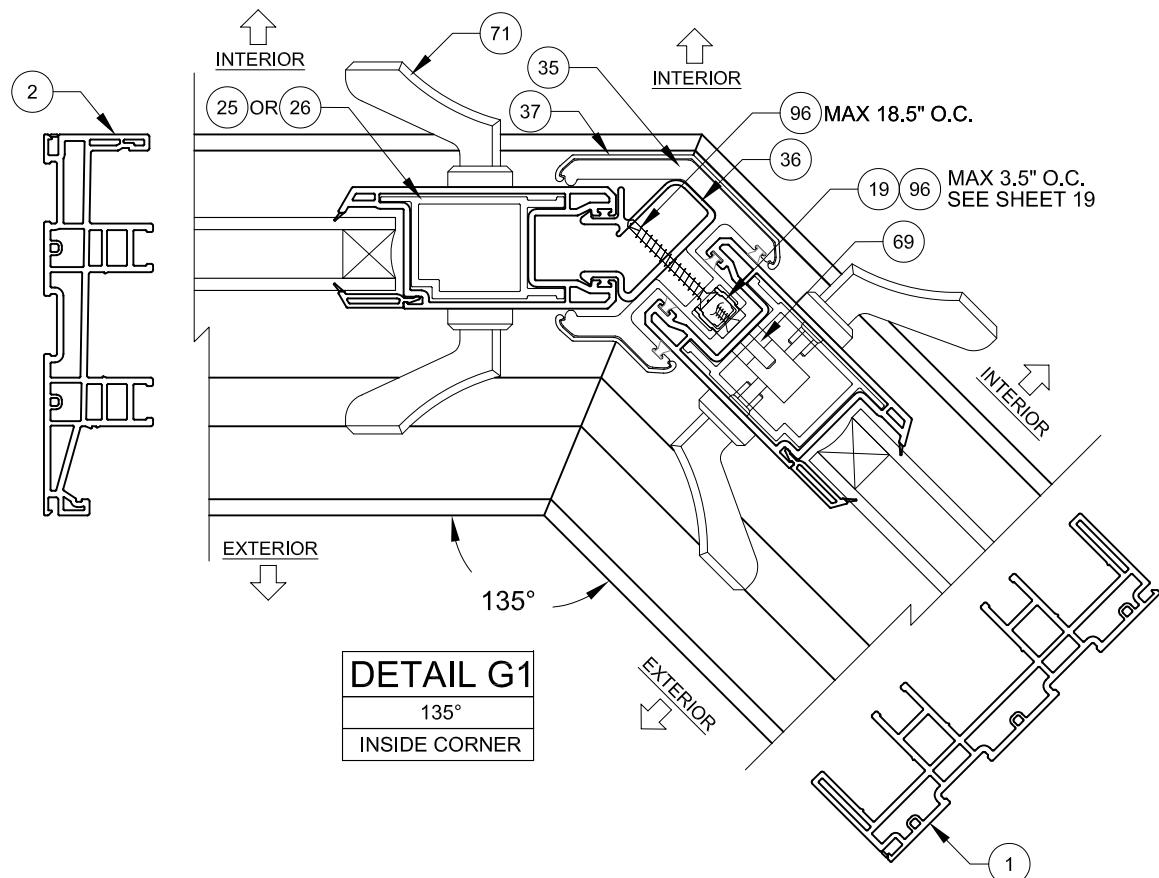
ASTRAGAL MAY BE INSTALLED IN EITHER INTERIOR OR EXTERIOR DIRECTION. ALL PARTS IDENTICAL.

Rev.#	C
Date	08/01/22
Rev.	UPDATED CERT. METHOD

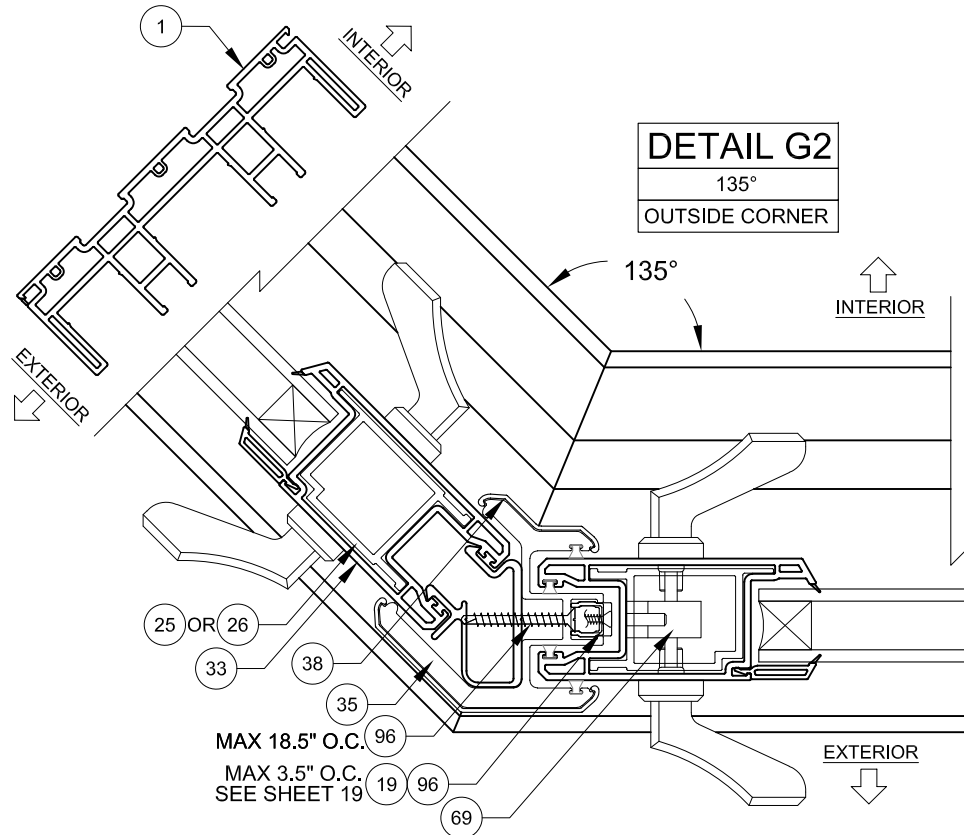
Prepared by	A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600
Registration	#29296
Copyright	© 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.
Date	06/12/11
Drawn by	JENS ROSOWSKI
DWG No.	3 OF 25
Sheet	SGD5470V
Series	SGD5470FPA-NI
VINYL SLIDING GLASS DOOR (NI)	
INSTALLATION, HORZ. SECTIONS	



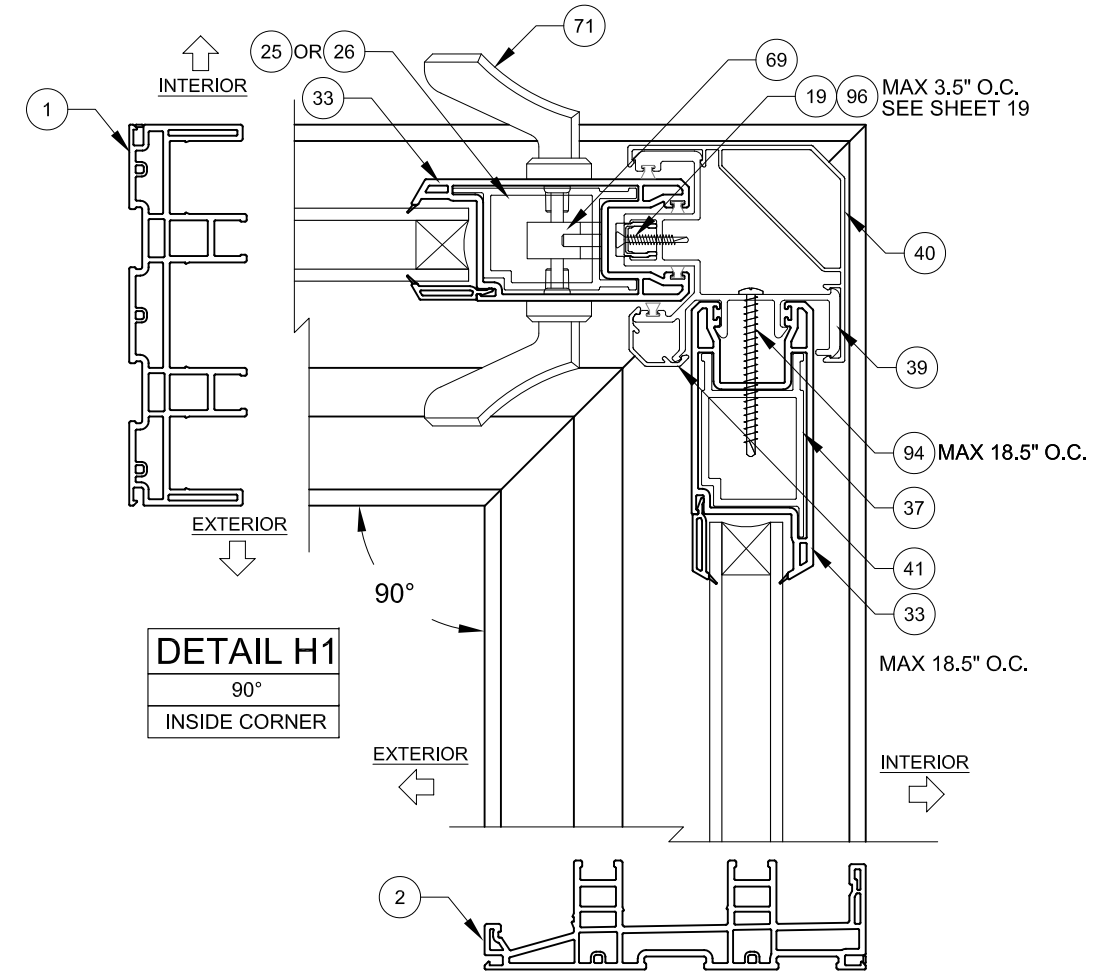




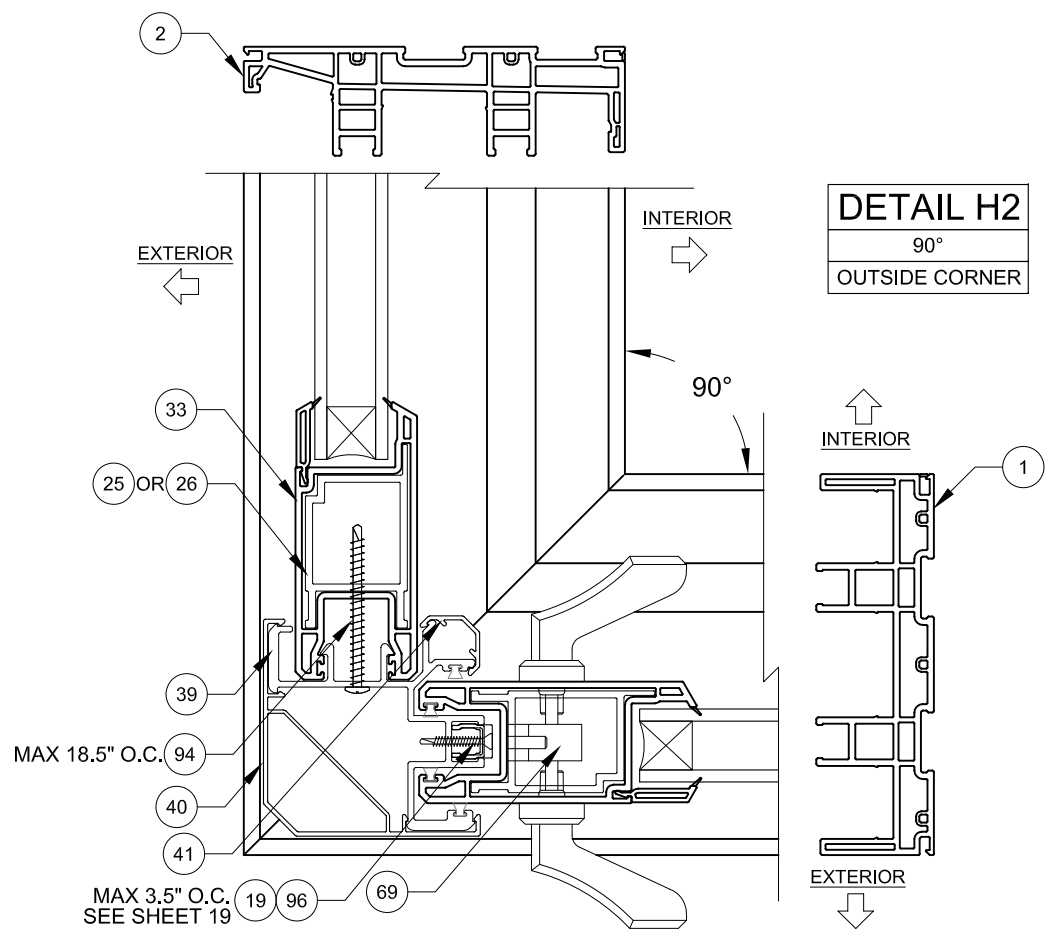
**DETAIL G1**  
135°  
INSIDE CORNER



**DETAIL G2**  
135°  
OUTSIDE CORNER



**DETAIL H1**  
90°  
INSIDE CORNER

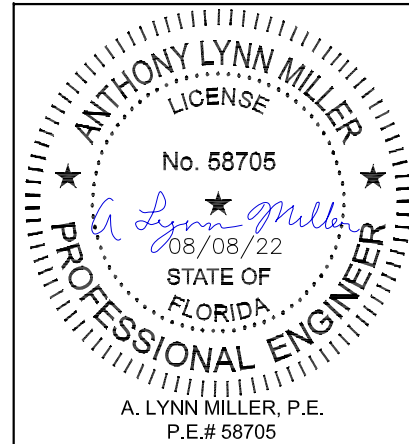


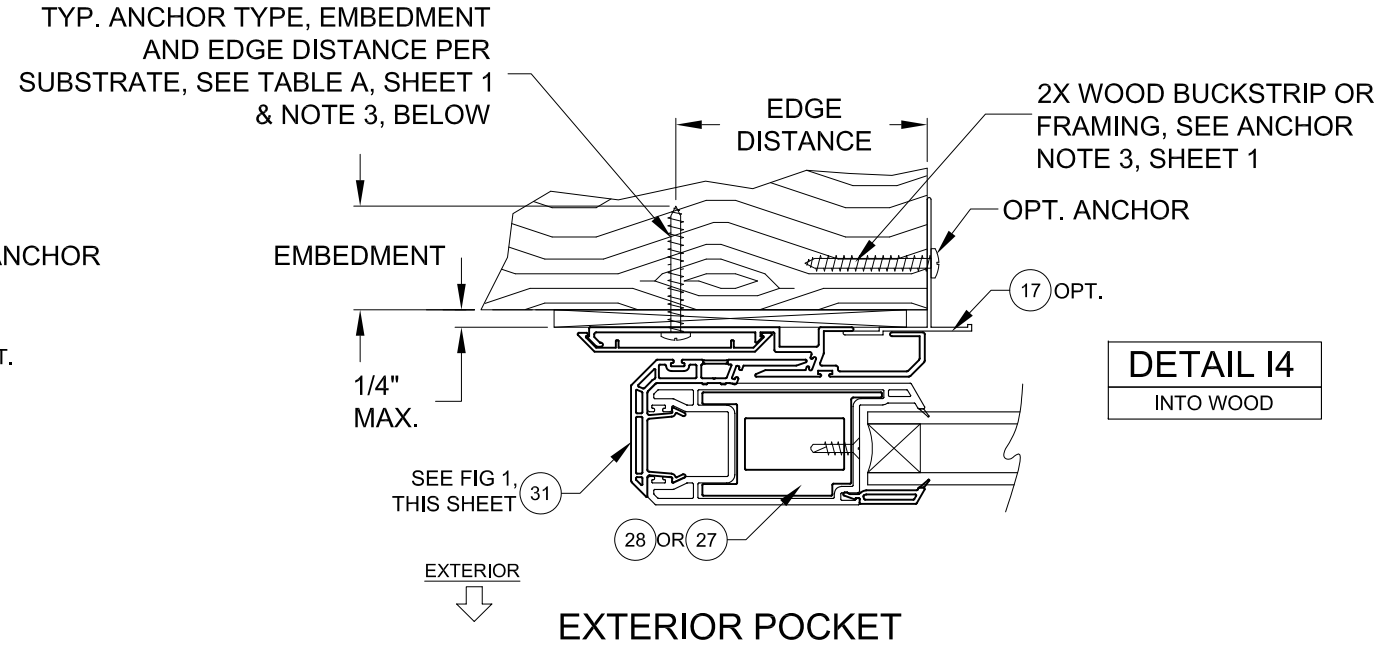
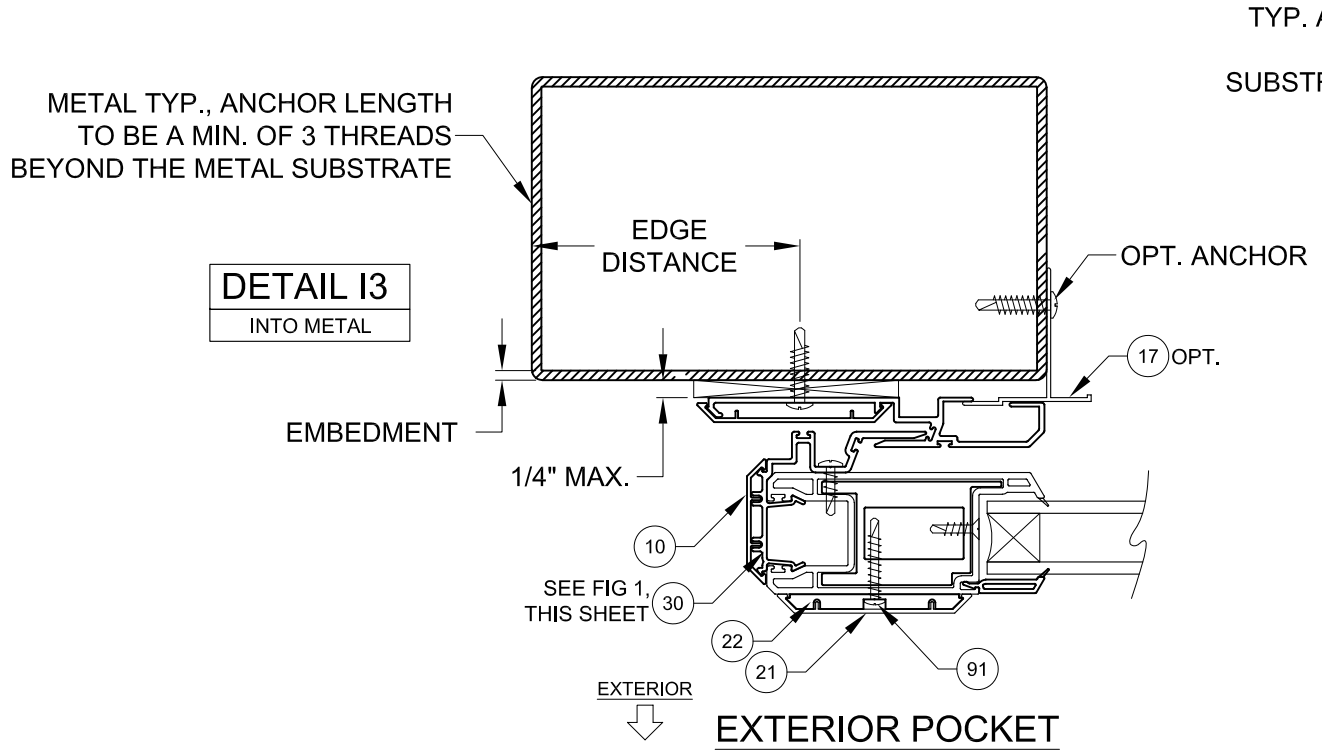
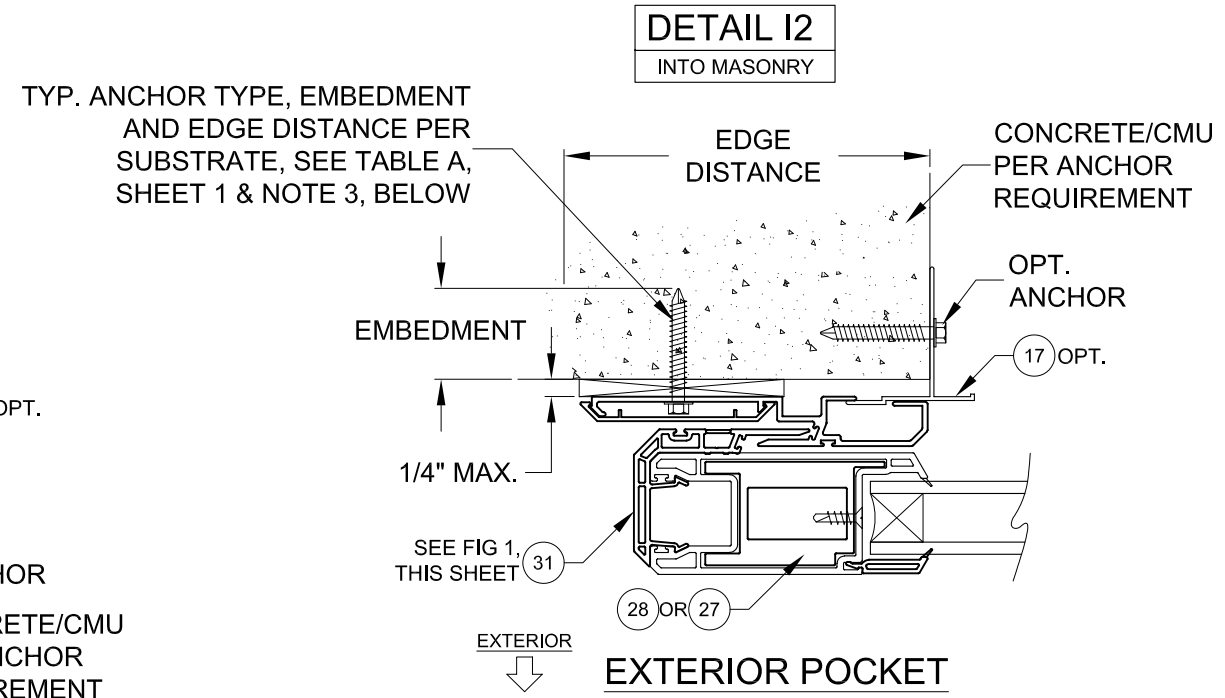
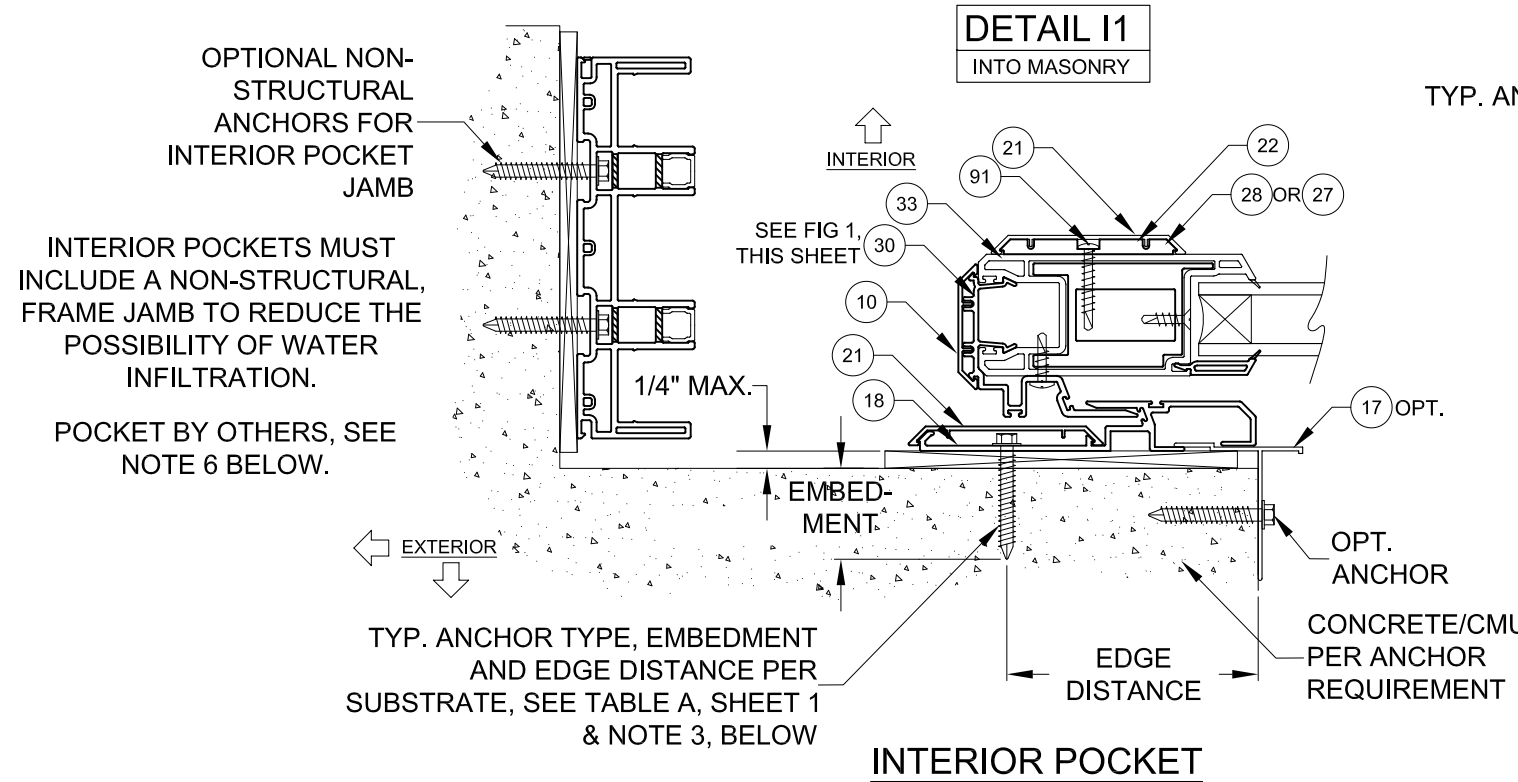
**DETAIL H2**  
90°  
OUTSIDE CORNER

- NOTES**
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
  - 2) SEE SHEETS 14 & 15 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
  - 3) CORNER ASTRAGAL MAY BE EITHER TO THE INTERIOR OR EXTERIOR, DEPENDING ON CONFIGURATION.

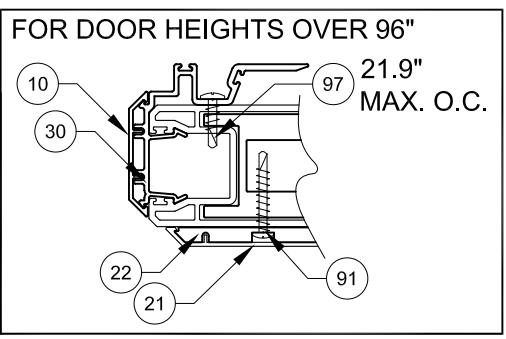
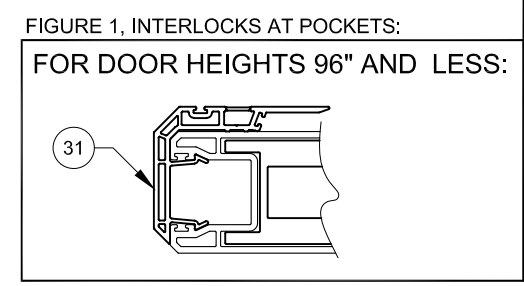
Rev.#	C
Date	08/01/22
Rev.	UPDATED CERT. METHOD

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	06/12/11 Date	JENS ROSOWSKI Drawn By	SGD5470FPA-NI No.
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (NI) Series Title	CORNER ASTRAGAL Desc.	5 OF 25 Sheet





- NOTES**
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
  - 2) REFER TO ANCHOR NOTES, SHEET 1.
  - 3) SEE SHEET 13 FOR ANCHOR LOCATION & SPACING, FOR ANCHOR QUANTITIES, SEE TABLES 1 & 2.
  - 4) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS.
  - 5) INTERIOR OR EXTERIOR POCKETS APPLICABLE FOR ALL INSTALLATION METHODS.
  - 6) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.



PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	Date: 06/12/11	Drawn By: JENS ROSOWSKI Desc: VINYL SLIDING GLASS DOOR (NI) Title: INSTALLATION, P-HOOK	DWG No.: 6 OF 25 Sheet: SGD5470V	Series: SGD5470FPA-NI
	VINYL SLIDING GLASS DOOR (NI)				

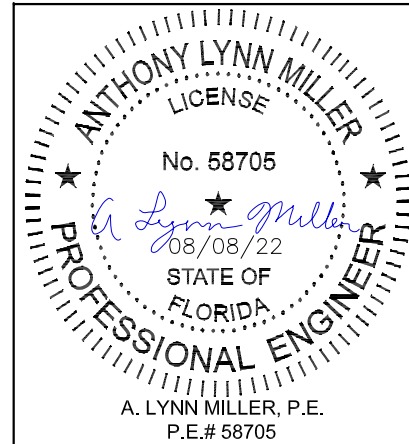


TABLE 1:

Design Pressure (DP) and Anchor Quantities Required															
Use this table for: Astragal Reinforcement #29 Lockstile Reinforcement #25 or #26 Std. Interlock Reinforcement #27		Door Unit Height													
		80"				84"				96"					
		68-15/16" DLO Height				72-15/16" DLO Height				84-15/16" DLO Height					
		Anchor Group				Anchor Group				Anchor Group					
		A	B	C	D	A	B	C	D	A	B	C	D		
Nominal Panel Width	24"	16-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	5	5	5	5	5	5	5	5	5	5	5	5
			P-hook	7	7	7	7	7	7	7	7	8	8	8	8
	30"	22-5/8" DLO	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	5	5	5	5	5	5	5	5	5	5	5	5
			P-hook	7	7	7	7	7	7	7	7	8	8	8	8
	36"	28-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf			
			Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1
			Jamb	5	5	5	5	5	5	5	5	5	5	5	5
			P-hook	7	7	7	7	7	7	7	7	8	8	8	8
42"	34-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				
		Head/Sill	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	
		Jamb	5	5	5	5	5	5	5	5	5	5	5	5	
		P-hook	7	7	7	7	7	7	7	7	8	8	8	8	
48"	40-5/8" DLO Width	Design Pressure	+60 / -60 psf				+60 / -60 psf				+60 / -60 psf				
		Head/Sill	C3+2	C3+1	C3+1	C3+1	C3+2	C3+1	C3+1	C3+1	C5+2	C3+1	C3+1	C3+1	
		Jamb	5	5	5	5	5	5	5	5	5	5	6	5	
		P-hook	7	7	7	7	7	7	7	7	8	8	8	8	

USED IN EXAMPLE ON SHEET 9

ANCHORAGE TYPE PER SUBSTRATE REQUIRED TO ACHIEVE THE DESIGN PRESSURE, USING THE ANCHOR QUANTITIES LISTED BELOW. SEE TABLE A, SHEET 1 FOR COMPLETE ANCHOR LIMITATIONS.

THE MAXIMUM DP AT THESE ANCHOR QUANTITIES. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE B1, THIS SHEET.

# OF ANCHORS THROUGH THE HEAD & SILL. (EX: FOR C3+1, 3 ANCHORS CLUSTERED AT PANEL MEETING POINT AND 1 ANCHOR REQUIRED AT MIDSPAN OF PANEL).

TOTAL # OF ANCHORS THROUGH THE JAMB.

THE # OF ANCHORS REQUIRED THROUGH THE P-HOOK, PERPENDICULAR TO THE GLASS.

TABLE B1:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-11/16"	See Note 2
42	2-1/2"	+38.7 psf
43	3-1/2"	+60.0 psf
44	4-1/16"	+80.0 psf
45	4-5/8"	+100.0 psf

FIG 1:

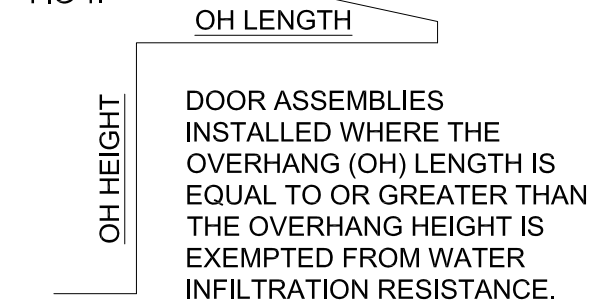


TABLE NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 1 AND TABLE B1 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; OTHERWISE, +DP'S SHOWN IN TABLE 1 MAY BE USED.
- 3) SEE SILL RISER TYPES ON SHEET 4.
- 4) SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 5) REFER TO ANCHOR NOTES, SHEET 1.
- 6) SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING

DLO WIDTH = NOMINAL PANEL WIDTH - 7-3/8"  
 DLO WIDTH = ACTUAL PANEL WIDTH - 8-9/16"  
 DLO HEIGHT = DOOR UNIT HEIGHT - 11-1/16"  
 PANEL HEIGHT = DOOR UNIT HEIGHT - 2-1/2"

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	06/12/11 Date	JENS ROSOWSKI Drawn By	SGD5470FPA-NI No. DWG
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (NI) DP AND ANCHORAGE	7 OF 25 Sheet	SGD5470V Series Desc. Title

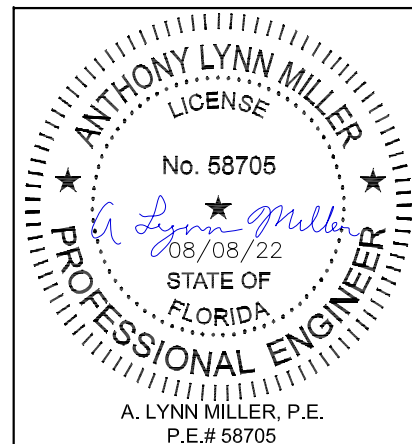


TABLE 2:

Use this table for: Astragal Reinforcement #29 Lockstile Reinforcement #25 HD Interlock Reinforcement #28		Design Pressure (DP) and Anchor Quantities Required																						
		Door Unit Height																						
		80"				84"				96"				108"				120"						
		68-15/16" DLO Height				72-15/16" DLO Height				84-15/16" DLO Height				96-15/16" DLO Height				108-15/16" DLO Height						
Nominal Panel Width		DLO Width		Design Pressure		Anchor Group				Anchor Group				Anchor Group				Anchor Group						
						A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D			
24"	16-5/8"	+80 / -80 psf																						
		Head/Sill		C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	
		Jamb		5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6	
		P-hook		7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10	
	30"	22-5/8"	+80 / -80 psf																					
			Head/Sill		C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C5+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C5+1	C3+1	C3+1	C3+1
			Jamb		5	5	5	5	5	5	5	5	5	5	5	5	6	6	6	6	6	6	6	6
			P-hook		7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10
	36"	28-5/8"	+80 / -80 psf																					
			Head/Sill		C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C3+1	C5+1	C3+1	C5+1	C3+1	C5+1	C3+1	C3+1	C3+1	C5+1	C3+1	C3+1	C3+1
			Jamb		5	5	5	5	5	5	5	5	5	5	6	5	6	6	6	6	6	6	6	6
			P-hook		7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10
42"	34-5/8"	+80 / -80 psf																						
		Head/Sill		C5+2	C3+1	C3+1	C3+1	C5+2	C3+1	C3+1	C3+1	C5+2	C3+1	C5+1	C3+1	C5+1	C3+1	C5+1	C3+1	C5+1	C5+1	C5+1	C3+1	
		Jamb		5	5	5	5	5	5	6	5	5	5	7	5	6	6	6	6	6	6	7	6	
		P-hook		7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10	
48"	40-5/8"	+80 / -80 psf																						
		Head/Sill		C5+2	C3+2	C5+2	C3+1	C5+2	C3+2	C5+2	C3+1	C5+2	C5+2	C5+2	C3+1	C5+2	C3+1	C5+2	C3+1	C5+2	C5+1	C5+2	C3+1	
		Jamb		5	5	6	5	5	5	6	5	5	5	7	5	6	6	7	6	6	6	8	6	
		P-hook		7	7	7	7	7	7	7	7	8	8	8	8	9	9	9	9	10	10	10	10	
54"	46-5/8"	+60 / -60 psf																						
		Head/Sill		C3+2	C3+1	C3+2	C3+1	C3+2	C3+1	C3+2	C3+1	C5+2	C3+1	C5+2	C3+1	Not available in these sizes								
		Jamb		5	5	5	5	5	5	5	5	5	5	6	5	Not available in these sizes								
		P-hook		7	7	7	7	7	7	7	7	8	8	8	8	Not available in these sizes								
60"	52-5/8"	+60 / -60 psf																						
		Head/Sill		C3+2	C3+2	C3+2	C3+1	C5+2	C3+2	C3+2	C3+1	C5+2	C3+2	C5+2	C3+1	Not available in these sizes								
		Jamb		5	5	5	5	5	5	5	5	5	5	6	5	Not available in these sizes								
		P-hook		7	7	7	7	7	7	7	7	8	8	8	8	Not available in these sizes								

ANCHORAGE TYPE PER SUBSTRATE REQUIRED TO ACHIEVE THE DESIGN PRESSURE, USING THE ANCHOR QUANTITIES LISTED BELOW. SEE TABLE A, SHEET 1 FOR COMPLETE ANCHOR LIMITATIONS.

THE MAXIMUM DP AT THESE ANCHOR QUANTITIES. ADDITIONALLY, THE MAXIMUM POSITIVE DP DUE TO THE SILL HEIGHT MUST ALSO BE CONSIDERED, SEE TABLE B1, THIS SHEET.

# OF ANCHORS THROUGH THE HEAD & SILL. (EX: FOR C3+1, 3 ANCHORS CLUSTERED AT PANEL MEETING POINT AND 1 ANCHOR REQUIRED AT MIDSPAN OF PANEL).

TOTAL # OF ANCHORS THROUGH THE JAMB.

THE # OF ANCHORS REQUIRED THROUGH THE P-HOOK, PERPENDICULAR TO THE GLASS.

FIG 1:

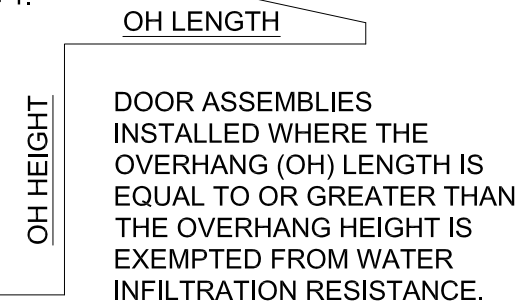


TABLE B2:

Water-Limited (+) Design Pressure		
Sill Riser	Nom. Sill Height	Max. (+) DP Allowed
None	1-11/16"	See Note 2
42	2-1/2"	+38.7 psf
43	3-1/2"	+60.0 psf
44	4-1/16"	+80.0 psf
45	4-5/8"	+100.0 psf

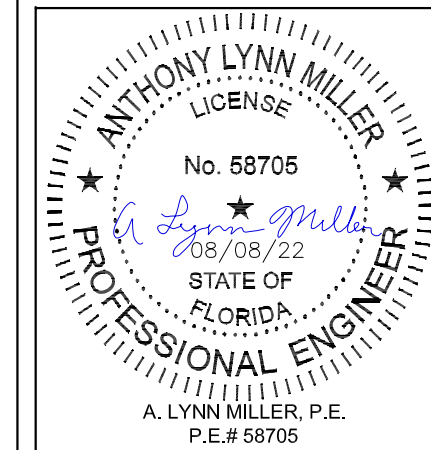
TABLE NOTES:

- IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 1 AND TABLE B1 DETERMINES THE WATER LIMITED (+) DP.
- IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED; OTHERWISE, +DP'S SHOWN IN TABLE 1 MAY BE USED.
- SEE SILL RISER TYPES ON SHEET 4.
- SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- REFER TO ANCHOR NOTES, SHEET 1.
- SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING

DLO WIDTH = NOMINAL PANEL WIDTH - 7-3/8"  
 DLO WIDTH = ACTUAL PANEL WIDTH - 8-9/16"  
 DLO HEIGHT = DOOR UNIT HEIGHT - 11-1/16"  
 PANEL HEIGHT = DOOR UNIT HEIGHT - 2-1/2"

Rev. # 08/01/22  
 Date  
 UPDATED CERT. METHOD  
 Rev.

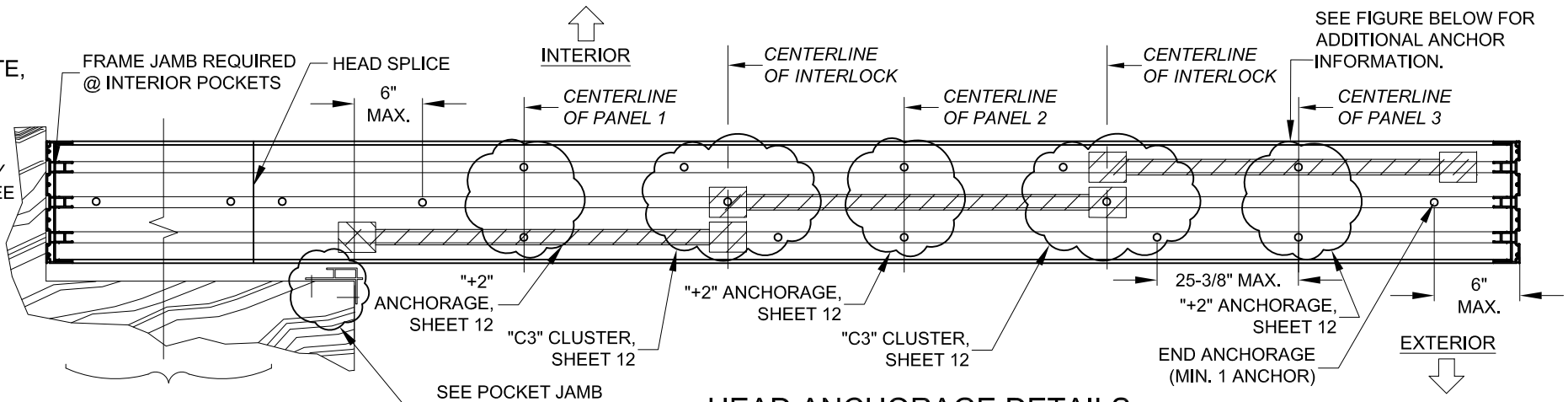
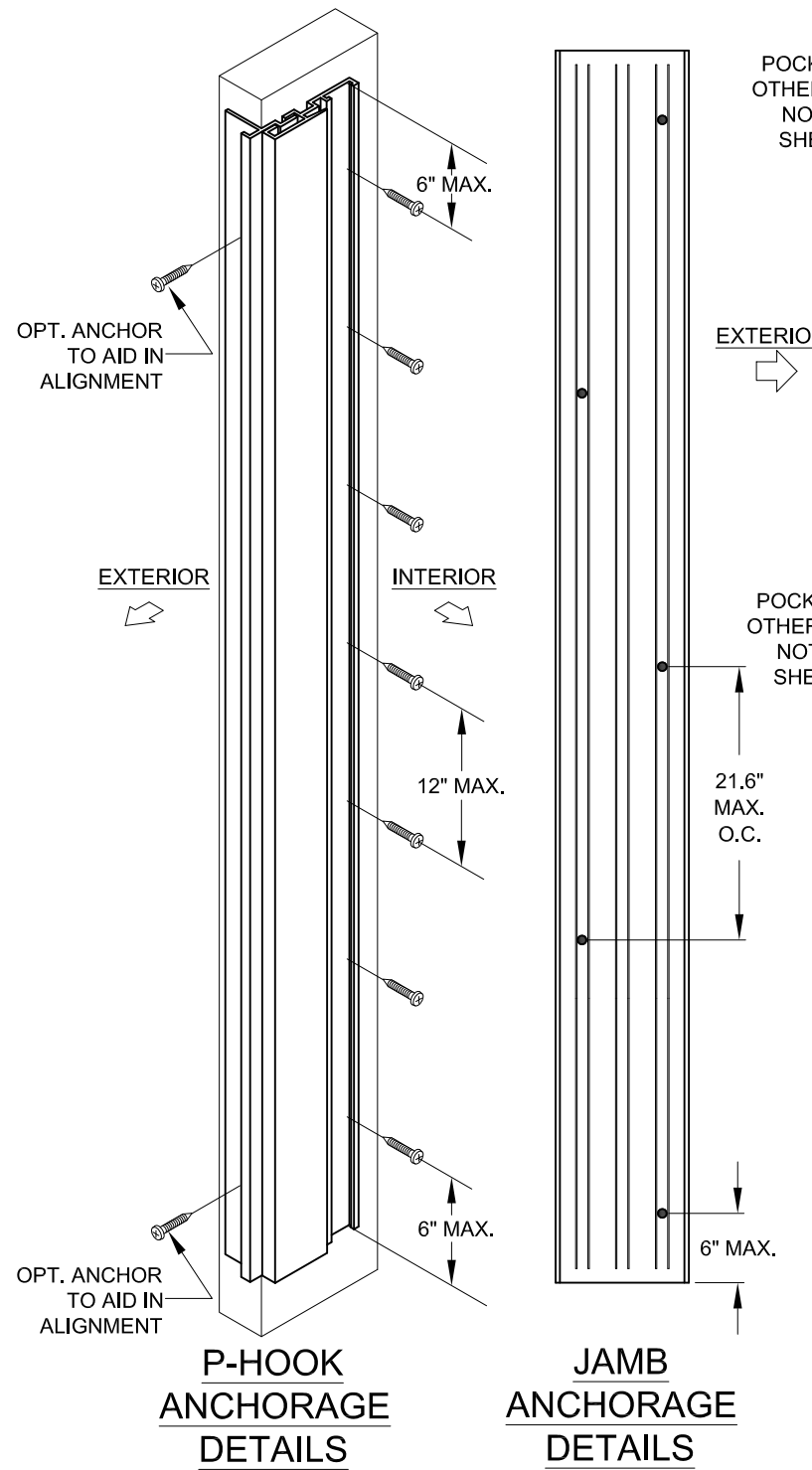
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296	DATE	JENS ROSOWSKI D.P. AND ANCHORAGE SGD5470V	8 OF 25 SHEET	SGD5470FPA-NI
	COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	06/12/11			
1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		VINYL SLIDING GLASS DOOR (NI)		SERIES	



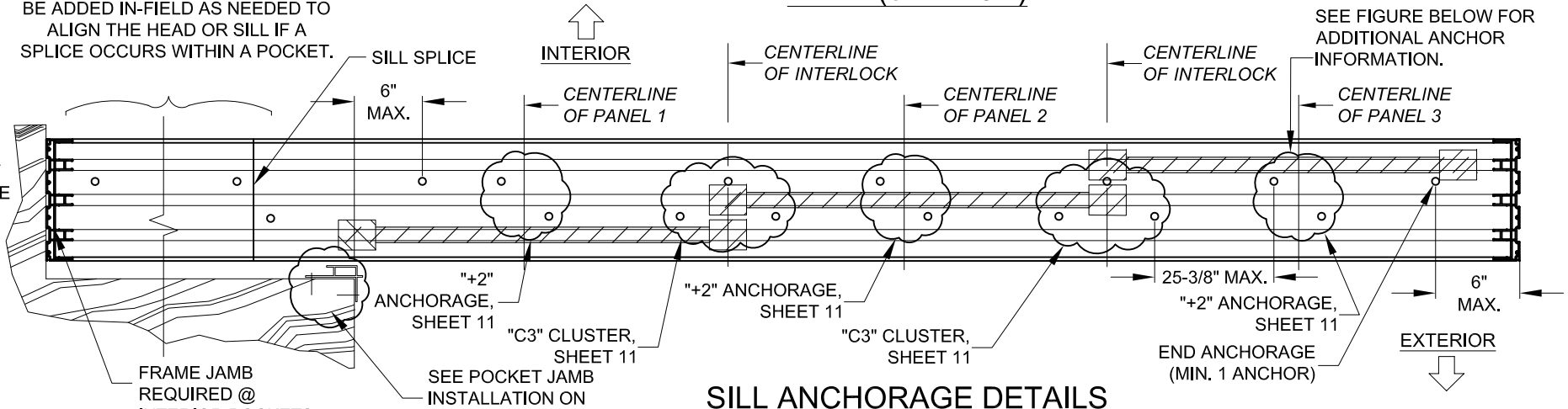


**EXAMPLE:**

3-PANEL, 3 TRACK, STRAIGHT CONFIGURATION - PXXX,  
 INTERIOR MOUNT POCKET, 48" X 84" NOM. PANELS,  
 LAMINATED, IG GLAZING, ANCHOR GROUP A IN WOOD SUBSTRATE,  
 PROJECT DESIGN PRESSURE REQUIRED: +48.2/-58.6 PSF



**HEAD ANCHORAGE DETAILS  
 PXXX (3-TRACK)**



**SILL ANCHORAGE DETAILS  
 PXXX (3-TRACK)**

1) KNOWING THE PRODUCT'S REQUIREMENTS, SCAN THROUGH TABLES 1 & 2 FOR A DESIGN PRESSURE THAT MEETS OR EXCEEDS THE REQUIREMENT OF +48.2/-58.6 AT A NOM. PANEL SIZE OF 48" X 84". FROM TABLE 1, SHEET 7, THE DESIGN PRESSURE IS +60/-60 WHICH EXCEEDS THE PROJECT DESIGN PRESSURE REQUIREMENTS.

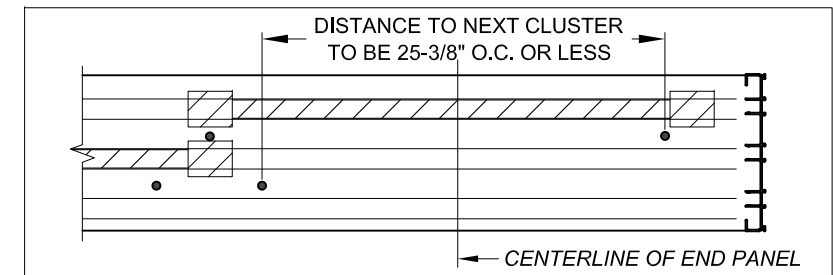
FOR WOOD INSTALLATION USING ANY ANCHOR IN GROUP A (SEE TABLE A), TABLE 1 SHOWS ANCHOR REQUIREMENTS OF \_\_\_\_\_

Head/Sill Jamb	C3+2
P-hook	5
	7

2) ANCHOR LOCATION DETAILS, CAN BE FOUND ON:  
 HEAD (CLUSTER ANCHORS): SHEET 12 FOR THE "C3" CLUSTER ANCHORS AT THE INTERLOCK/ASTRAGAL.  
 HEAD (INTERMEDIATE ANCHORS): SHEET 12 FOR THE "+2 ANCHORS AT THE MIDSPAN OF EACH PANEL.  
 SILL (CLUSTER ANCHORS): SHEET 11 FOR THE "C3" CLUSTER ANCHORS AT THE INTERLOCK/ASTRAGAL.  
 SILL (INTERMEDIATE ANCHORS): SHEET 11 FOR THE "+2 ANCHORS AT THE MIDSPAN OF EACH PANEL.  
 JAMB: 5 ANCHORS, SHEET 13 FOR GEN. LAYOUT.  
 P-HOOK: 7 ANCHORS, SHEET 13 FOR GENERAL LAYOUT.

3) INSTALLATION DETAILS INTO WOOD CAN BE FOUND ON:  
 HEAD & SILL: SHEET 4  
 JAMB: SHEET 3  
 P-HOOK: SHEET 6

**END PANEL ANCHOR EXCEPTION:**



FOR SILL (SHOWN) AND HEAD, ANCHORS AT THE MIDPOINT OF END PANELS ARE ONLY REQUIRED IF THE O.C. DISTANCE TO THE NEXT ANCHOR CLUSTER IS OVER 25-3/8", OTHERWISE ANCHORS ARE NOT REQUIRED AS PER THE FIGURE ABOVE:

- FOR PRODUCT REFERENCES, ALSO SEE:
- A) SHEET 2 FOR ALLOWABLE CONFIGURATIONS AND EXACT LOCATIONS OF CROSS-SECTION DRAWINGS.
  - B) SHEET 10 FOR SPECIFIC GLAZING TYPES.
  - C) SHEET 17 FOR ALLOWABLE PANEL TYPES AND CALL NAMES.
  - D) SHEETS 4 & 18 FOR EXTRUSION CROSS-SECTION DRAWINGS.
  - E) SHEET 19 FOR INSTALLATION OF ADDITIONAL ACCESSORIES.
  - F) SHEET 21 FOR A BILL OF MATERIALS.

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

REGISTRATION #29296  
 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE  
 TO MAKE COPIES FOR PERMITTING.

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

VINYL SLIDING GLASS DOOR (NI)  
 ANCHOR SPACING & EXAMPLE

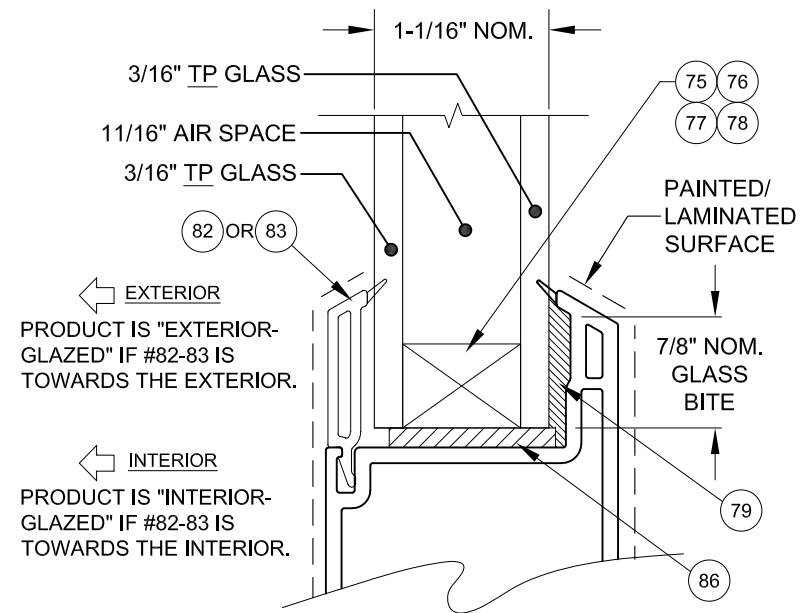
By: JENS ROSOWSKI  
 Date: 06/12/11

No. 9 OF 25  
 Sheet

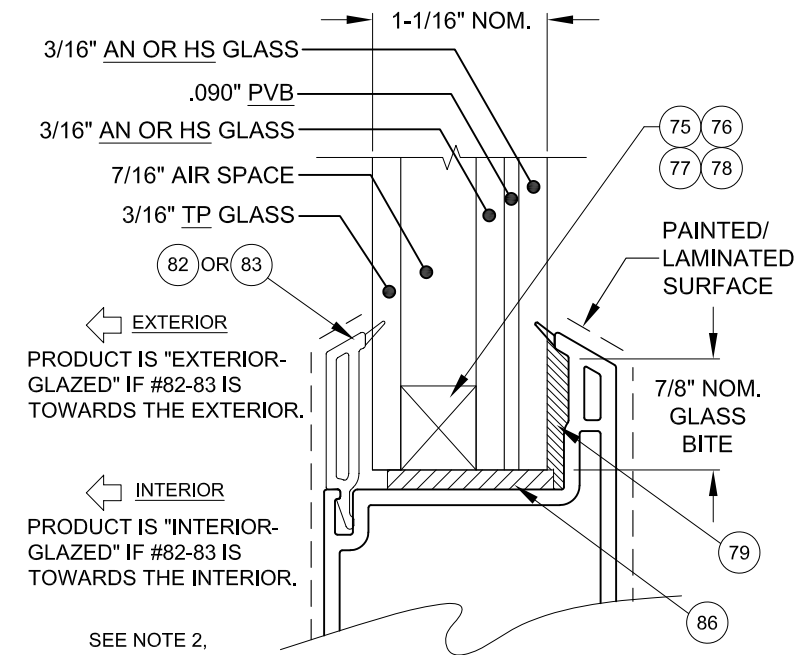
SGD5470V  
 Series

SGD5470FPA-NI  
 Desc.

ANTHONY LYNN MILLER  
 LICENSE  
 No. 58705  
 08/08/22  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 A. LYNN MILLER, P.E.  
 P.E.# 58705

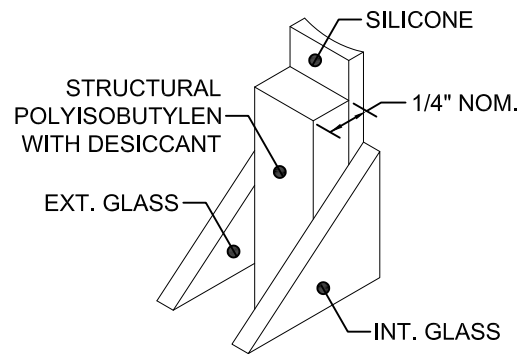


GLASS TYPE 1

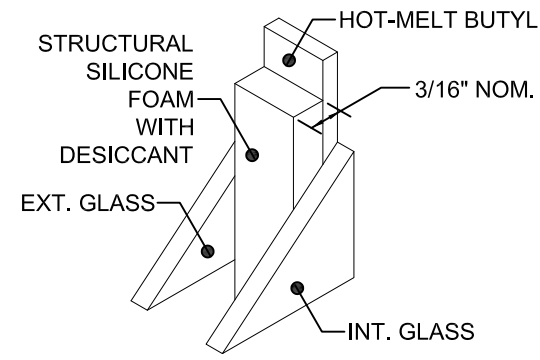


GLASS TYPE 2 (AN/AN)  
GLASS TYPE 3 (HS/HS)

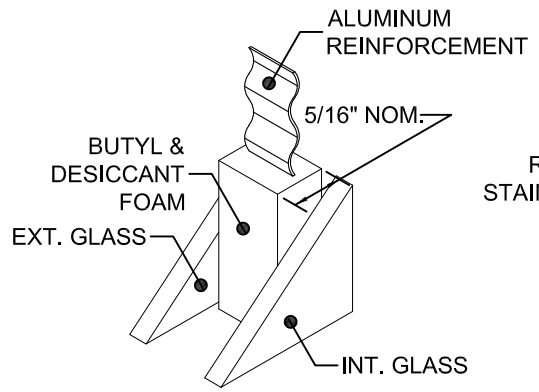
SEE NOTE 2, THIS SHEET



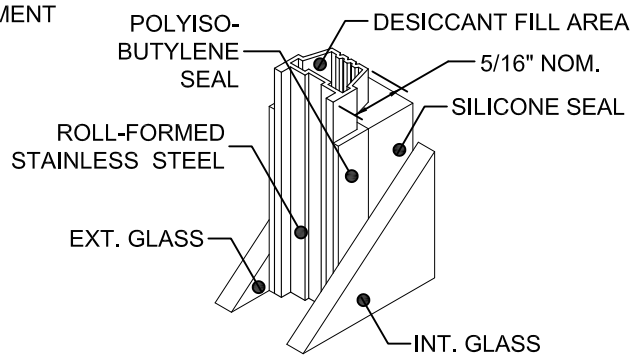
75 KODISPACE  
4SG TPS



76 SUPER  
SPACER<sup>®</sup> NXT<sup>™</sup>



77 DURASEAL<sup>®</sup>  
SPACER

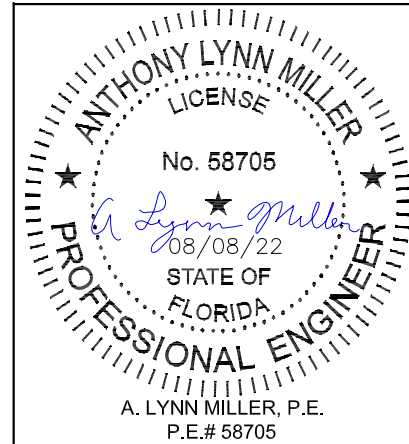


78 XL EDGE<sup>™</sup>  
SPACER

PVB = KURARAY TROSIFOL PVB  
INTERLAYER BY KURARAY AMERICA, INC.  
AN = ANNEALED  
HS = HEAT-STRENGTHENED  
TP = TEMPERED

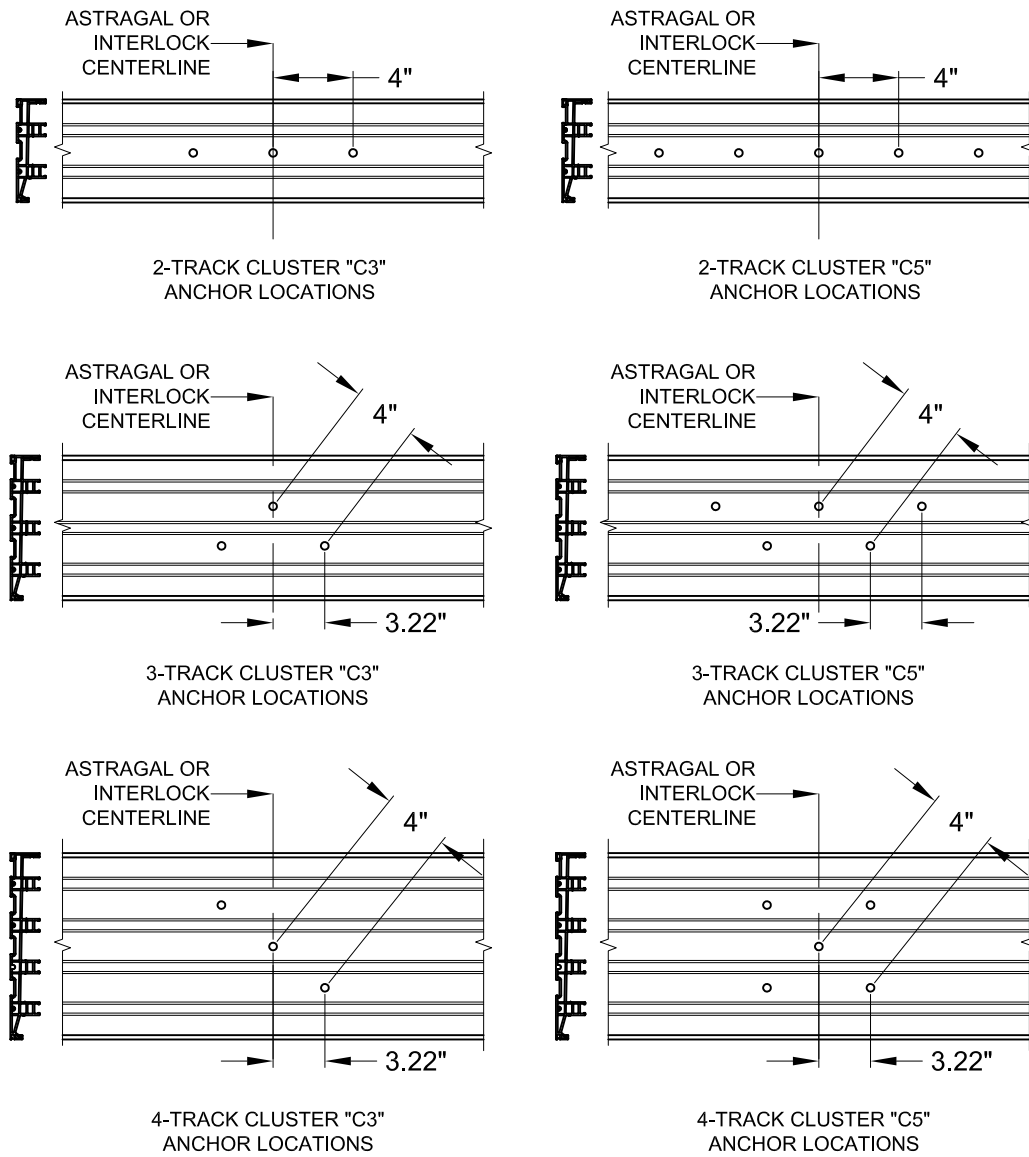
- NOTES:  
1) BACKBEDDING SURFACES SHALL NOT BE PAINTED OR LAMINATED.  
2) PRODUCT MAY BE EITHER INTERIOR OR EXTERIOR GLAZED, PROVIDED THAT THE "HS" SURFACE OF A LAMINATED GLAZING UNIT IS ADHERED TO THE GLAZING LEG, IF APPLICABLE.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	06/12/11 Date	JENS ROSOWSKI By	SGD5470FPA-NI No. DWG
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (NI) Title	10 OF 25 Sheet	10 OF 25 No. DWG
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (NI) Desc. Title	SGD5470V Series	10 OF 25 Sheet



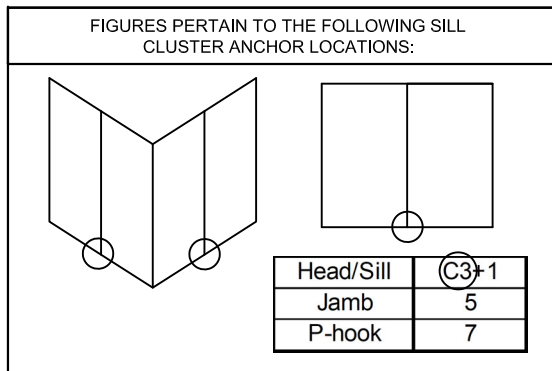
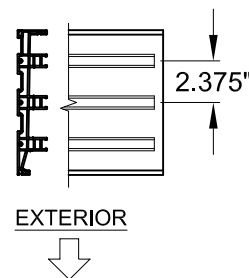
A. LYNN MILLER, P.E.  
P.E.# 58705

### SILL CLUSTER ANCHORS LAYOUT:

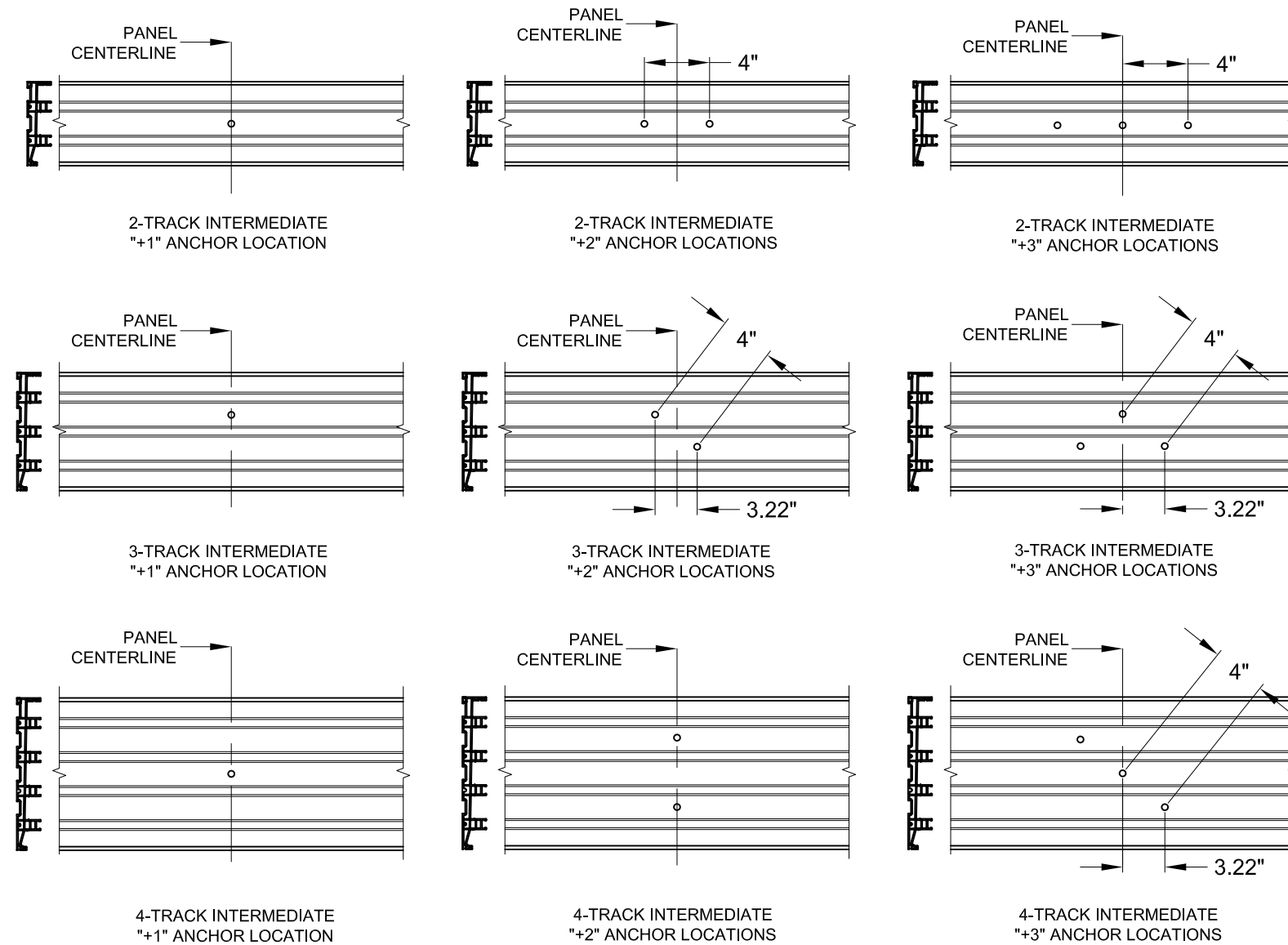


**NOTES:**

- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:

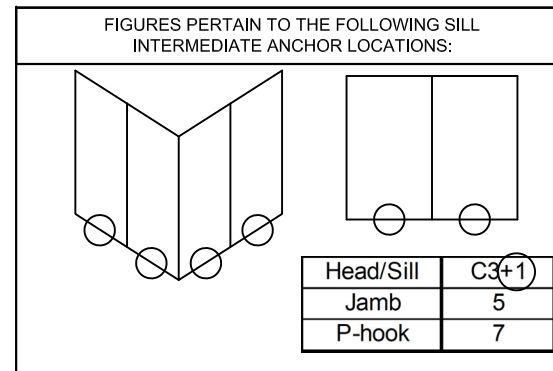
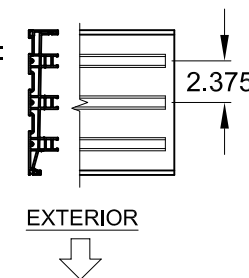


### SILL "+" INTERMEDIATE ANCHORS LAYOUT:



**NOTES:**

- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:



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

REGISTRATION #29296  
COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE  
TO MAKE COPIES FOR PERMITTING.

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

VINYL SLIDING GLASS DOOR (NI)

ANCHOR LOCATIONS A

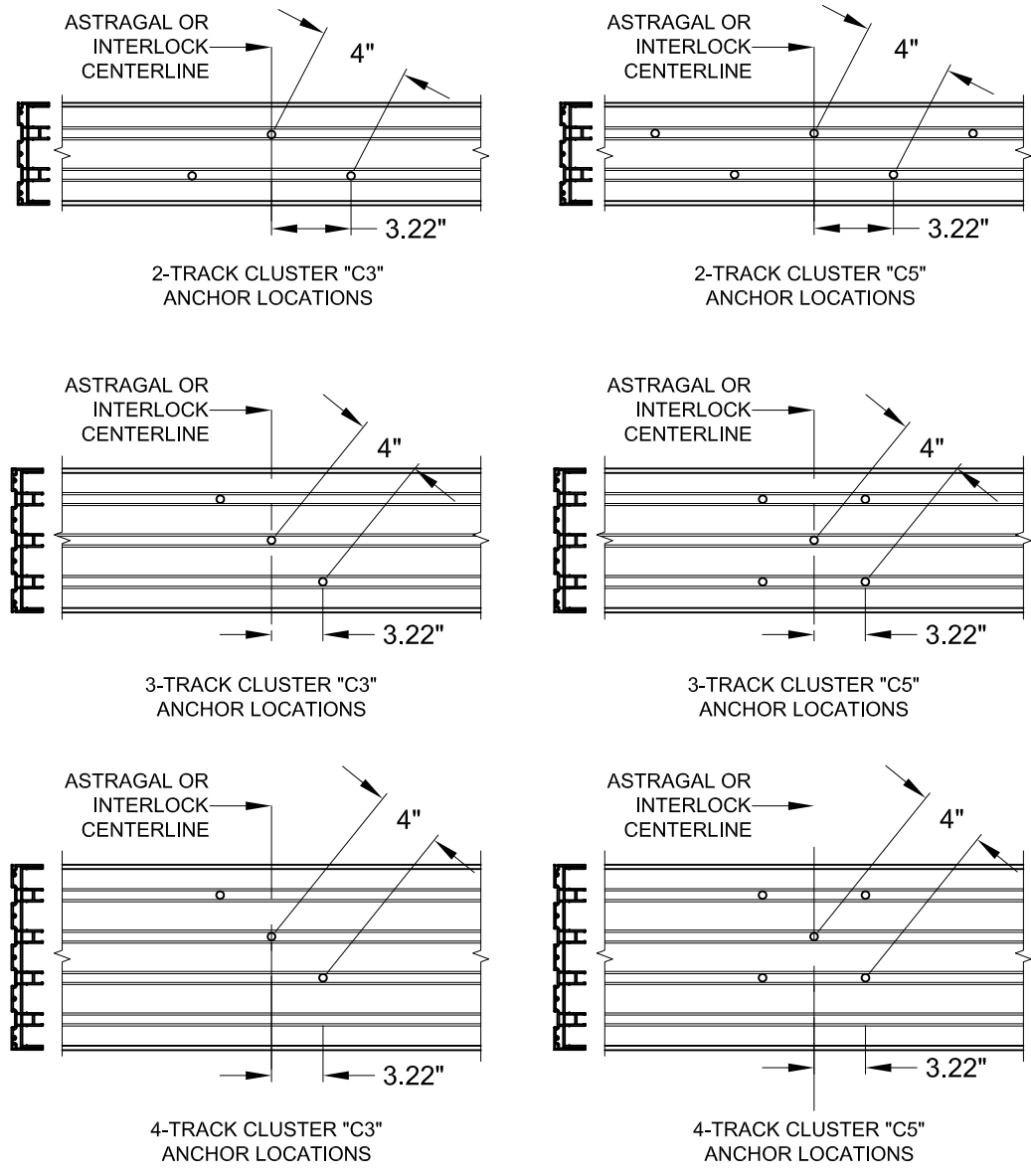
JENS ROSOWSKI

06/12/11

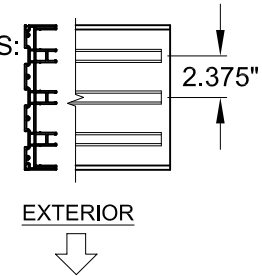
SGD5470V 11 OF 25 SGD5470FPA-NI

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
08/08/22  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705

### HEAD CLUSTER ANCHORS LAYOUT:



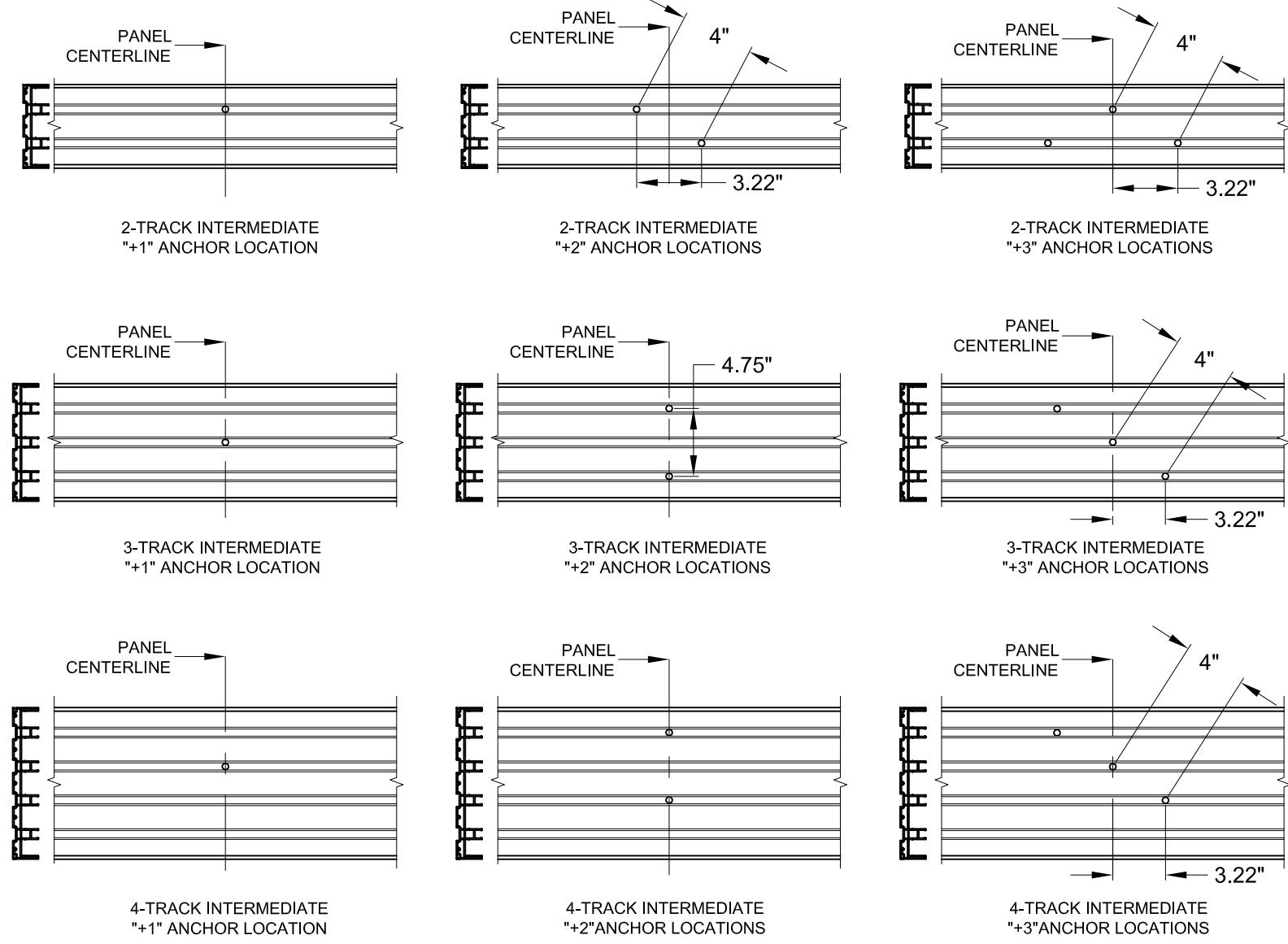
- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
  - 2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS:



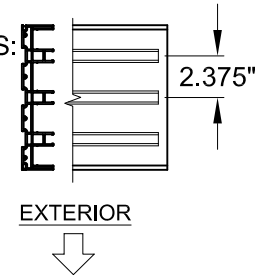
FIGURES PERTAIN TO THE FOLLOWING HEAD CLUSTER ANCHOR LOCATIONS:

Head/Sill	C3+1
Jamb	5
P-hook	7

### HEAD "+" INTERMEDIATE ANCHORS LAYOUT:



- NOTES:
- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
  - 2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS:



FIGURES PERTAIN TO THE FOLLOWING HEAD INTERMEDIATE ANCHOR LOCATIONS:

Head/Sill	C3+1
Jamb	5
P-hook	7

Rev. # 08/01/22 Date 08/08/22 Updated Cert. Method C

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

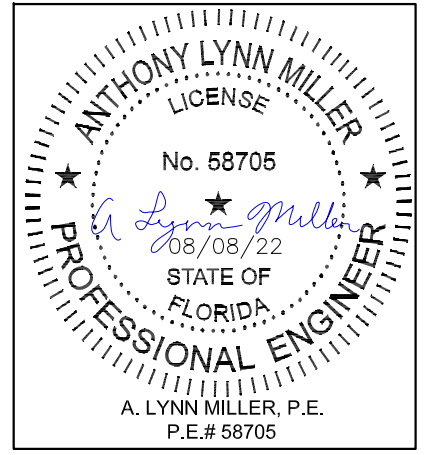
REGISTRATION #29296  
COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE  
TO MAKE COPIES FOR PERMITTING.

VINYL SLIDING GLASS DOOR (NI)  
ANCHOR LOCATIONS B

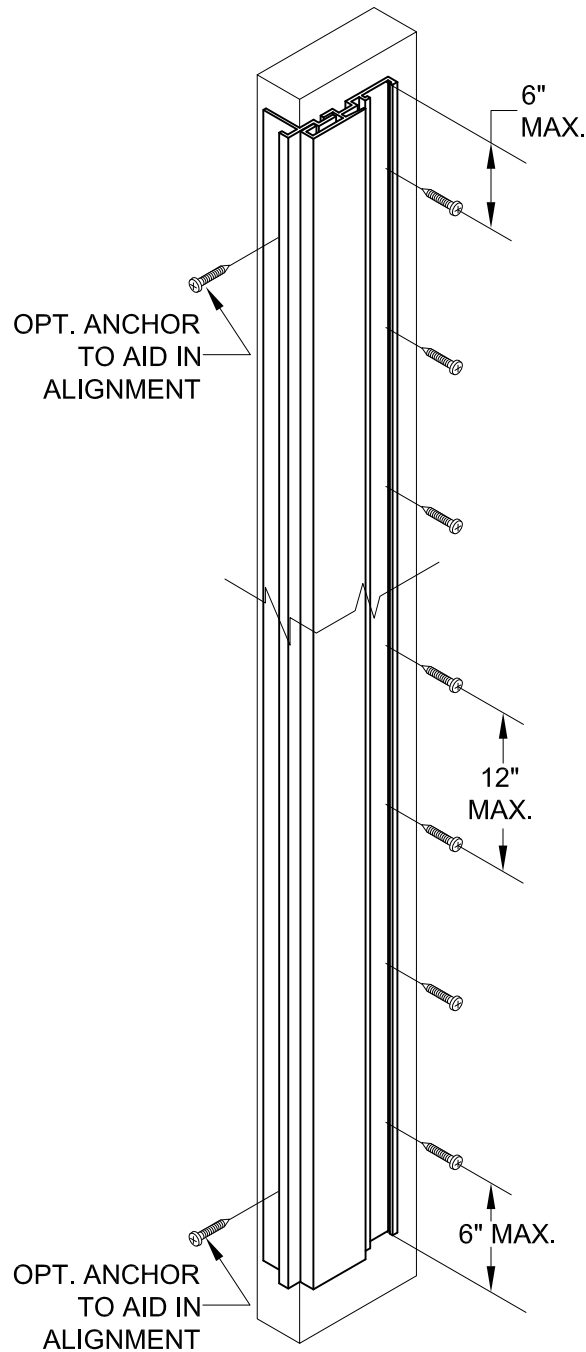
JENS ROSOWSKI  
Drawn By

SGD5470V 12 OF 25 SGD5470FPA-NI  
Sheet DWG No.

06/12/11  
Date

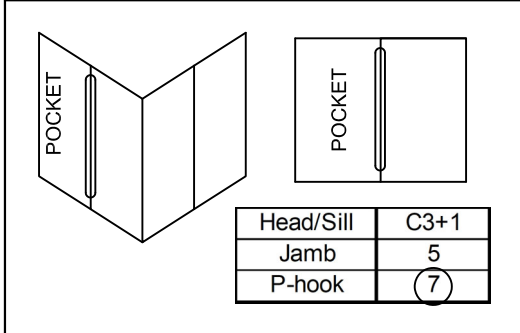


**P-HOOK ANCHORS LAYOUT:**

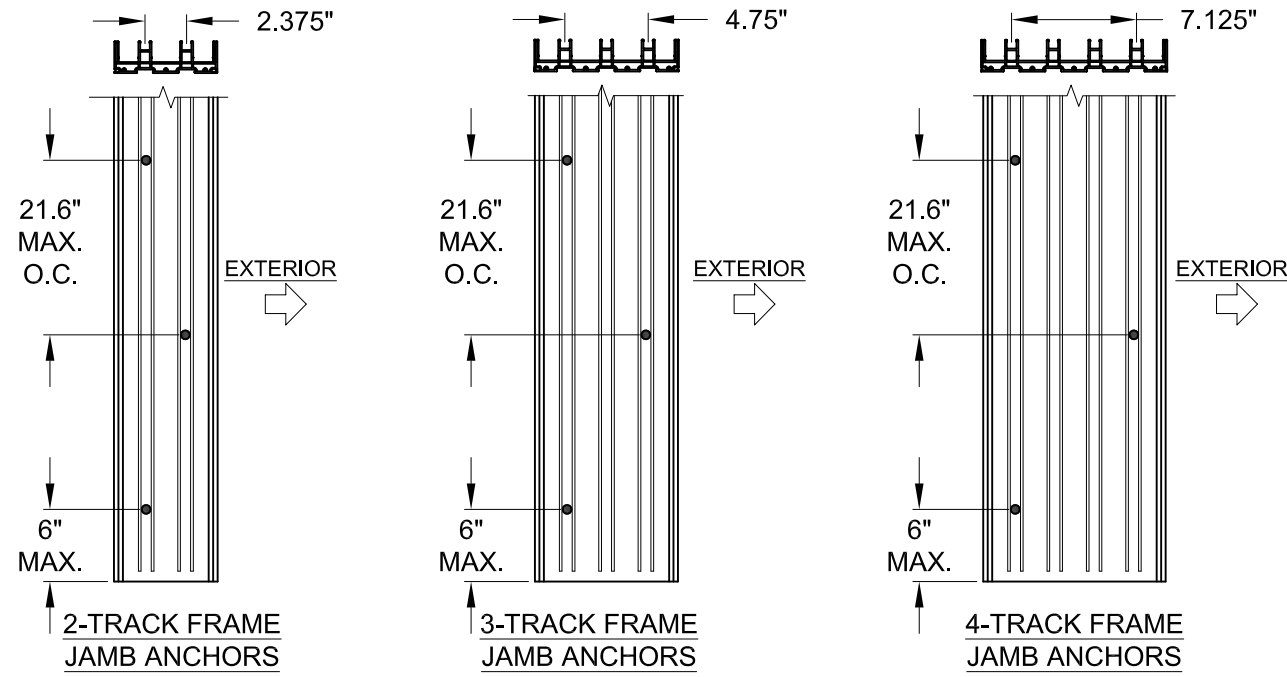


**NOTES:**  
 1) SEE TABLES 1 & 2 FOR EXACT QUANTITY OF ANCHORS REQUIRED IN THE P-HOOK.

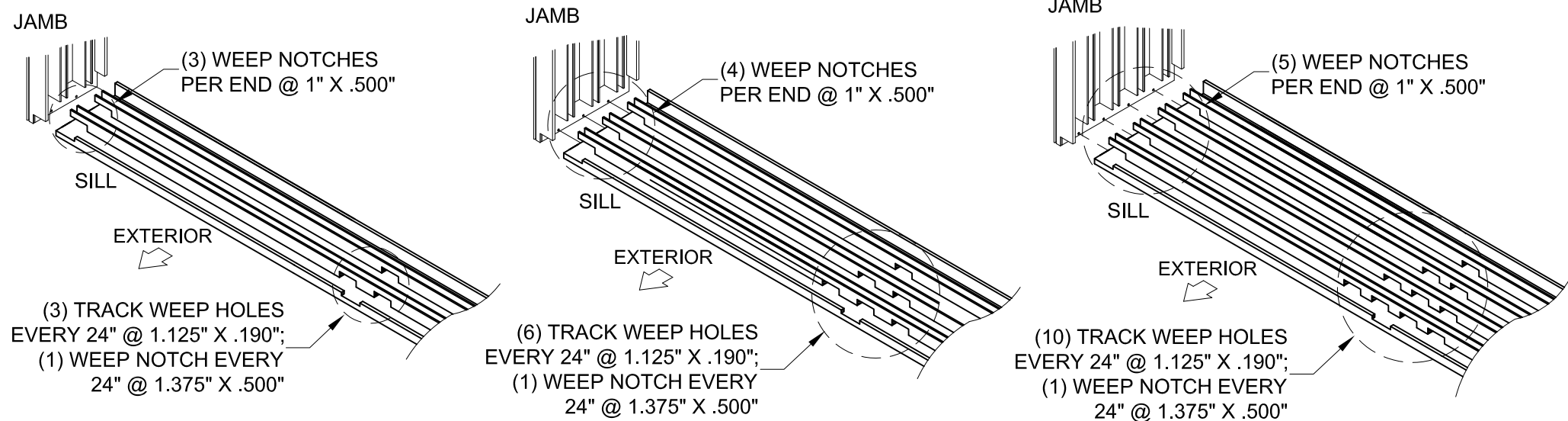
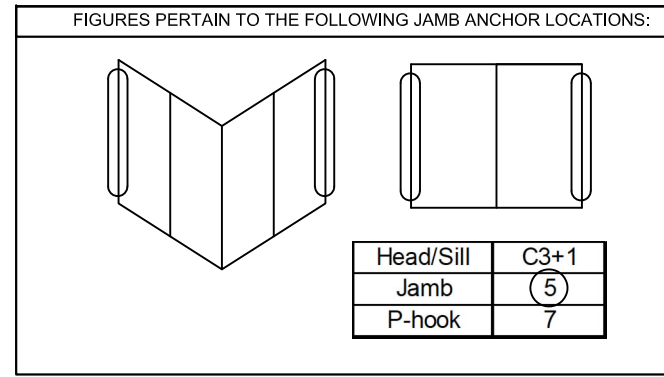
FIGURES PERTAIN TO THE FOLLOWING POCKET JAMB (P-HOOK) ANCHOR LOCATIONS:



**JAMB ANCHORS LAYOUT, (PARTIAL VIEW):**



**NOTE:**  
 1) STANDARD ANCHOR LOCATIONS SHOWN. FOR 3 AND 4-TRACK JAMBS, ANCHORS MAY BE LOCATED IN ADJACENT TRACKS (SIMILAR TO THE 2-TRACK JAMB) AS REQUIRED TO MEET MIN. EDGE DISTANCE CONSTRAINTS.



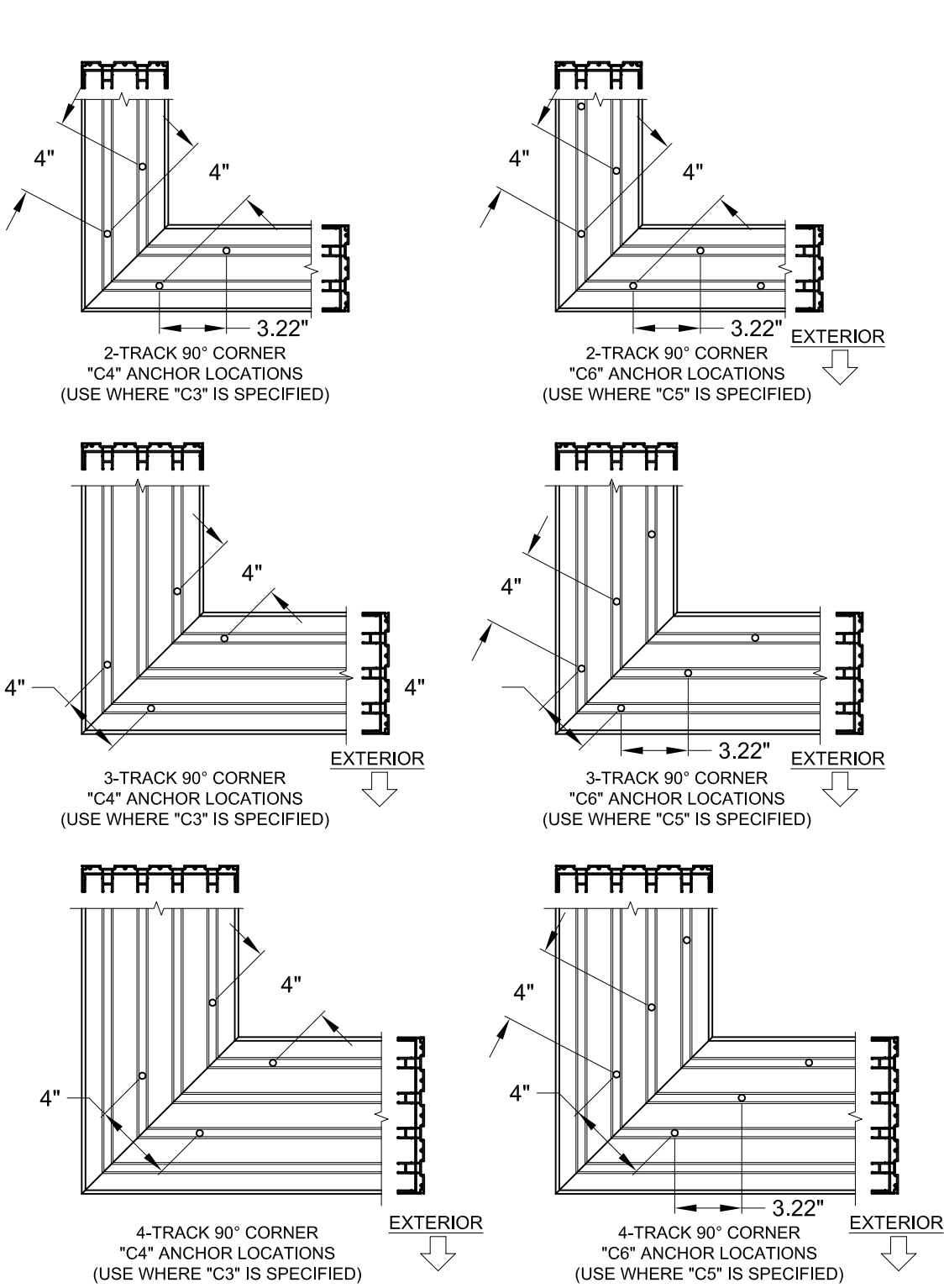
**SILL WEEPHOLE LAYOUT (2, 3 & 4 TRACKS)**

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	Date: 06/12/11	Drawn By: JENS ROSOWSKI Title: ANCHOR LOCATIONS C	No. DWG: 13 OF 25 Sheet: 13 OF 25	Series: SGD5470V Desc. Title: VINYL SLIDING GLASS DOOR (NI) No. SGD5470FPA-NI
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	Date: 06/12/11			

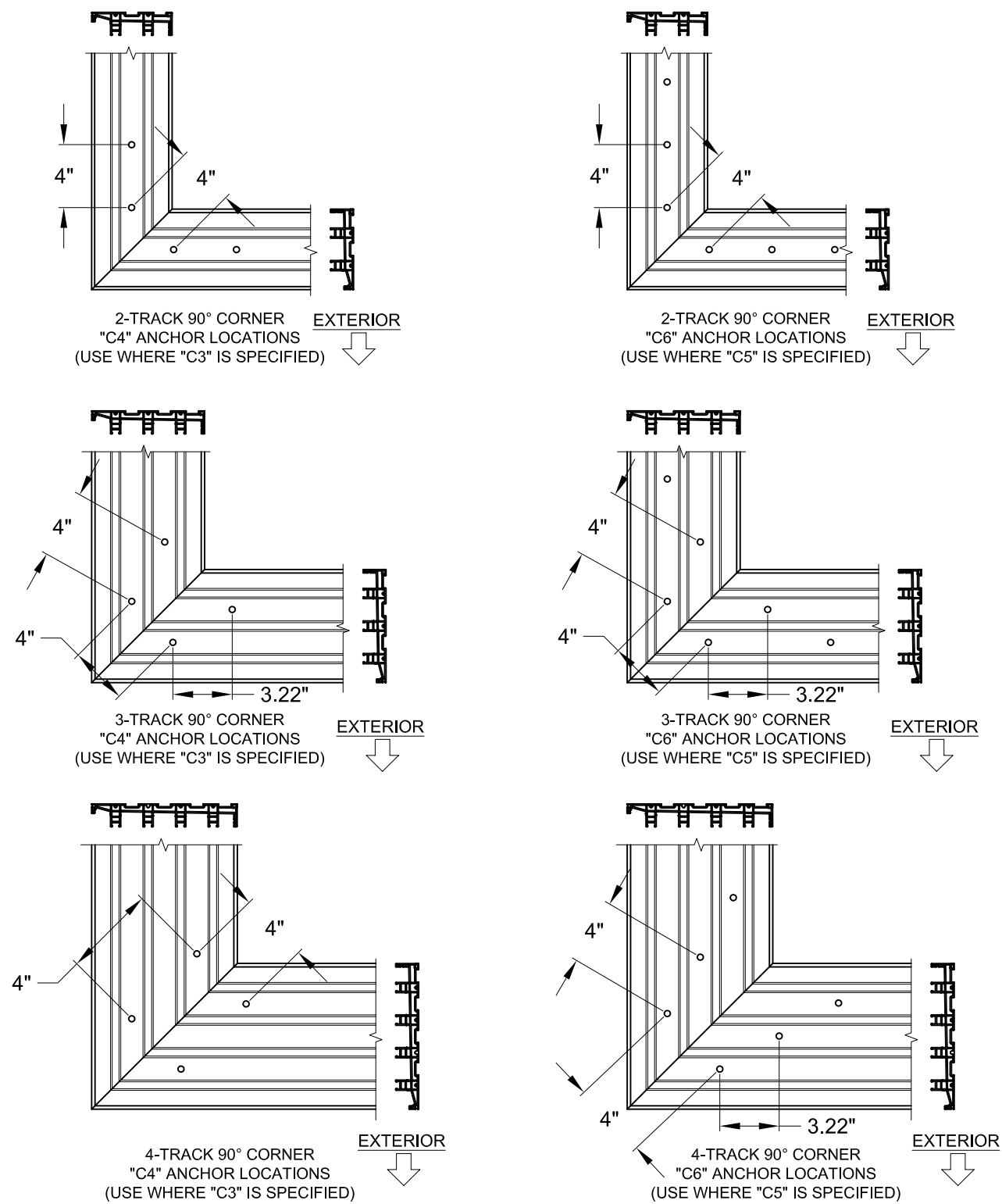
ANTHONY LYNN MILLER  
 LICENSE  
 No. 58705  
 08/08/22  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 A. LYNN MILLER, P.E.  
 P.E.# 58705

Rev. # 08/01/22  
 Date  
 Updated Cert. Method  
 Rev.

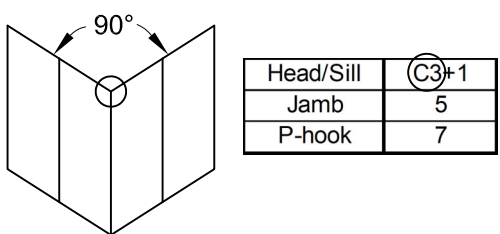
**HEAD 90° CORNER CLUSTER ANCHORS LAYOUT:**



**SILL 90° CORNER CLUSTER ANCHORS LAYOUT:**

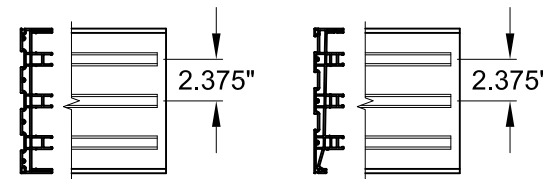


FIGURES PERTAIN TO THE FOLLOWING 90° CORNER HEAD ANCHOR LOCATIONS:



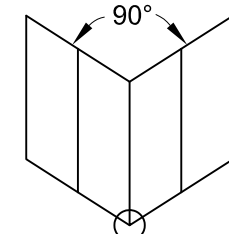
**NOTES:**

- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.
- 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:



FIGURES PERTAIN TO THE FOLLOWING 90° CORNER SILL ANCHOR LOCATIONS:

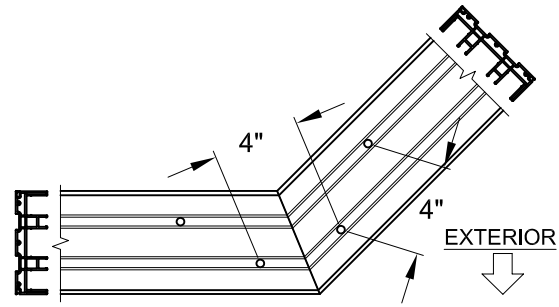
Head/Sill	(C3)+1
Jamb	5
P-hook	7



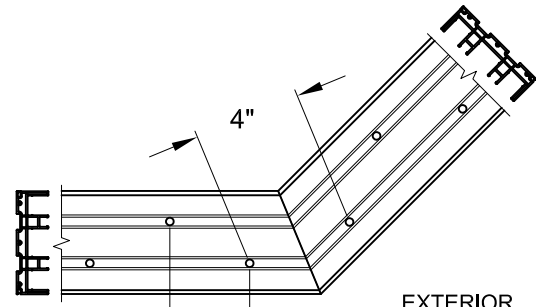
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	Date: 06/12/11	By: JENS ROSOWSKI	No. DWG: SGD5470FPA-NI
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (NI)	ANCHOR LOCATIONS D	Sheet: 14 OF 25

ANTHONY LYNN MILLER  
 LICENSE  
 No. 58705  
 08/08/22  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 A. LYNN MILLER, P.E.  
 P.E.# 58705

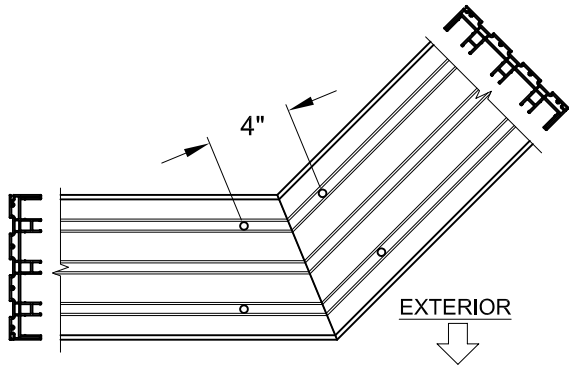
## HEAD 135° CORNER CLUSTER ANCHORS LAYOUT:



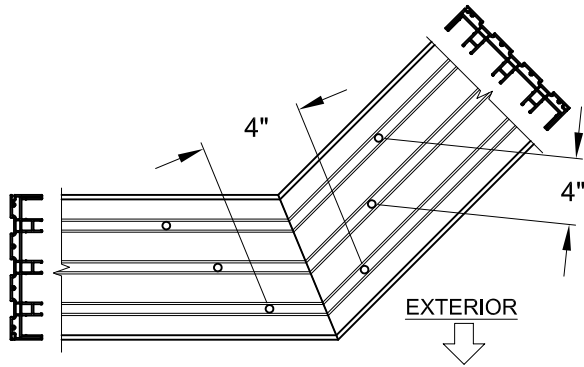
2-TRACK 135° CORNER  
"C4" ANCHOR LOCATIONS  
(USE WHERE "C3" IS SPECIFIED)



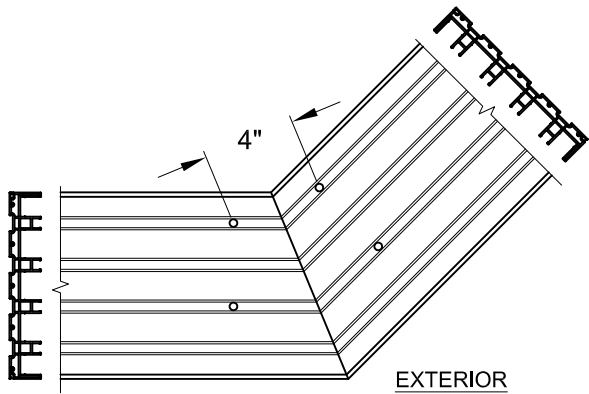
2-TRACK 135° CORNER  
"C6" ANCHOR LOCATIONS  
(USE WHERE "C5" IS SPECIFIED)



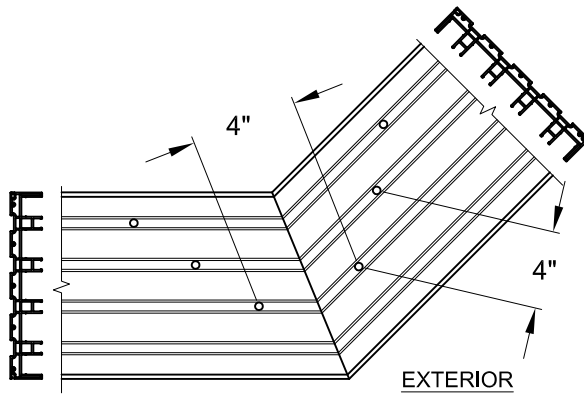
3-TRACK 135° CORNER  
"C4" ANCHOR LOCATIONS  
(USE WHERE "C3" IS SPECIFIED)



3-TRACK 135° CORNER  
"C6" ANCHOR LOCATIONS  
(USE WHERE "C5" IS SPECIFIED)

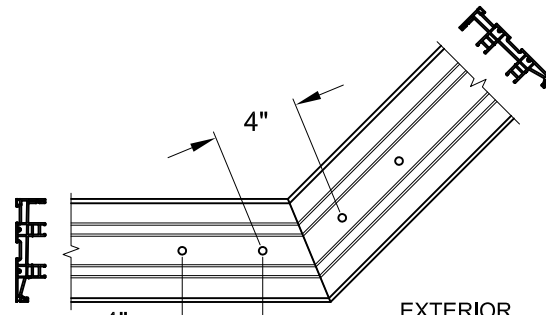


4-TRACK 135° CORNER  
"C4" ANCHOR LOCATIONS  
(USE WHERE "C3" IS SPECIFIED)

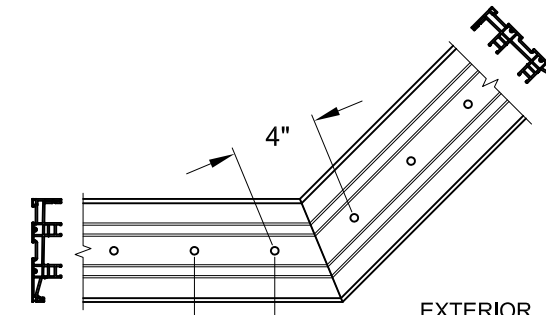


4-TRACK 135° CORNER  
"C6" ANCHOR LOCATIONS  
(USE WHERE "C5" IS SPECIFIED)

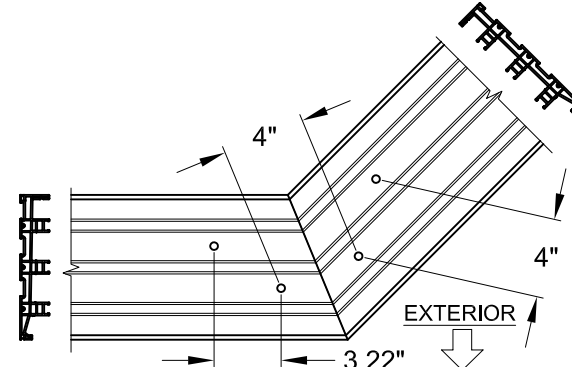
## SILL 135° CORNER CLUSTER ANCHORS LAYOUT:



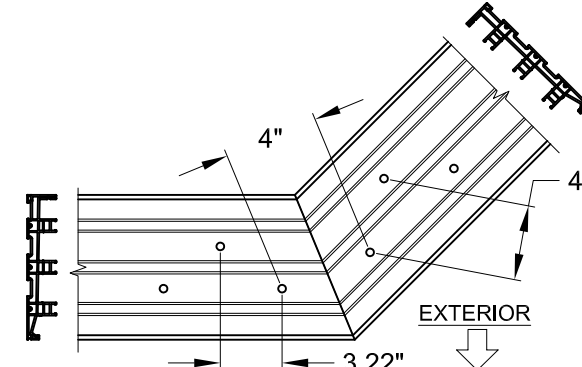
2-TRACK 135° CORNER  
"C4" ANCHOR LOCATIONS  
(USE WHERE "C3" IS SPECIFIED)



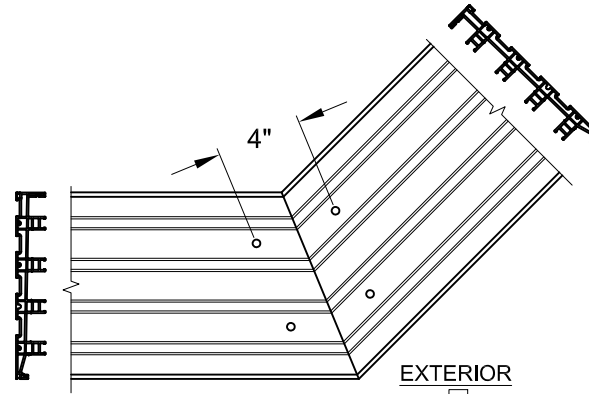
2-TRACK 135° CORNER  
"C6" ANCHOR LOCATIONS  
(USE WHERE "C5" IS SPECIFIED)



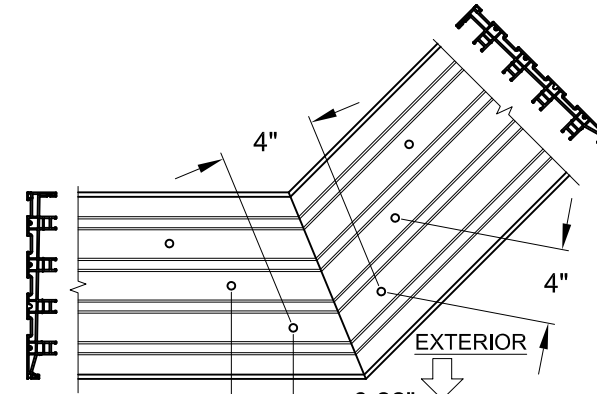
3-TRACK 135° CORNER  
"C4" ANCHOR LOCATIONS  
(USE WHERE "C3" IS SPECIFIED)



3-TRACK 135° CORNER  
"C6" ANCHOR LOCATIONS  
(USE WHERE "C5" IS SPECIFIED)

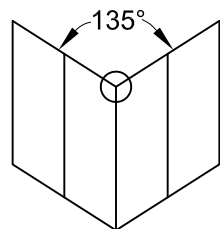


4-TRACK 135° CORNER  
"C4" ANCHOR LOCATIONS  
(USE WHERE "C3" IS SPECIFIED)



4-TRACK 135° CORNER  
"C6" ANCHOR LOCATIONS  
(USE WHERE "C5" IS SPECIFIED)

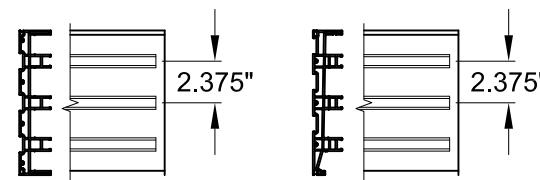
FIGURES PERTAIN TO THE FOLLOWING 135° CORNER HEAD ANCHOR LOCATIONS:



Head/Sill	(C3)+1
Jamb	5
P-hook	7

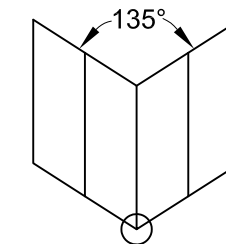
### NOTES:

- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.
- 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:



FIGURES PERTAIN TO THE FOLLOWING 90° CORNER SILL ANCHOR LOCATIONS:

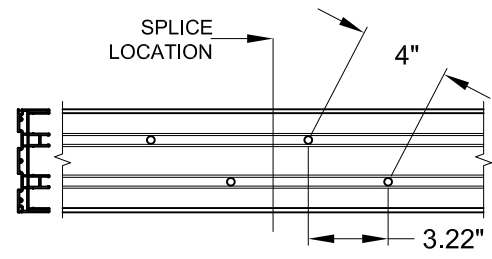
Head/Sill	(C3)+1
Jamb	5
P-hook	7



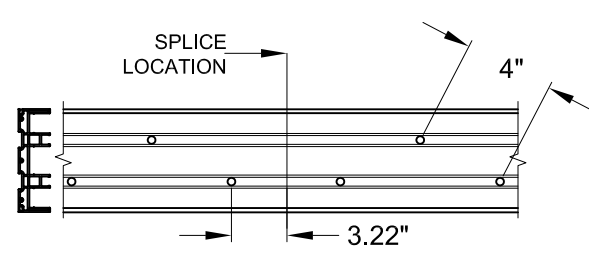
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	Date 06/12/11	Drawn By JENS ROSOWSKI	No. DWG 15 OF 25	Sheet SGD5470V
	VINYL SLIDING GLASS DOOR (NI)				

ANTHONY LYNN MILLER  
 LICENSE  
 No. 58705  
 08/08/22  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 A. LYNN MILLER, P.E.  
 P.E.# 58705

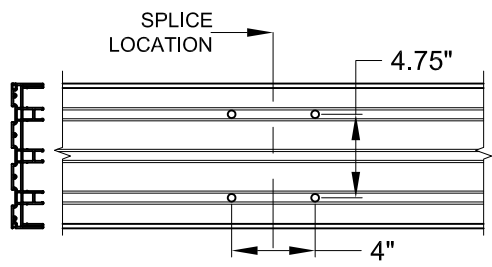
### HEAD SPLICE ANCHORS @ INTERLOCK OR ASTRAGAL:



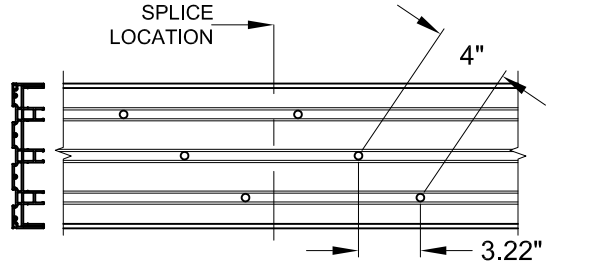
2-TRACK SPLICE  
"C4" ANCHOR LOCATIONS  
(USE WHERE "C3" IS SPECIFIED)



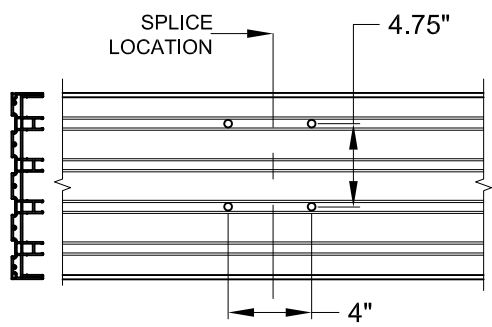
2-TRACK SPLICE  
"C6" ANCHOR LOCATIONS  
(USE WHERE "C5" IS SPECIFIED)



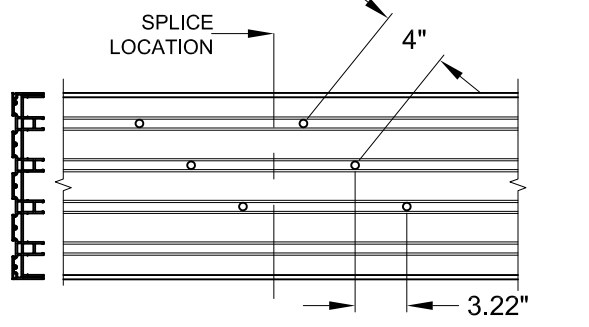
3-TRACK SPLICE  
"C4" ANCHOR LOCATIONS  
(USE WHERE "C3" IS SPECIFIED)



3-TRACK SPLICE  
"C6" ANCHOR LOCATIONS  
(USE WHERE "C5" IS SPECIFIED)

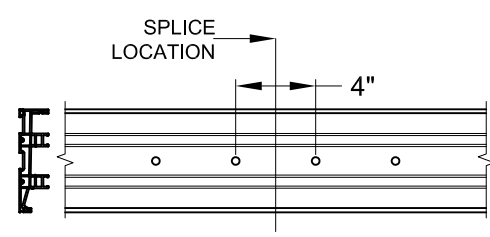


4-TRACK SPLICE  
"C4" ANCHOR LOCATIONS  
(USE WHERE "C3" IS SPECIFIED)

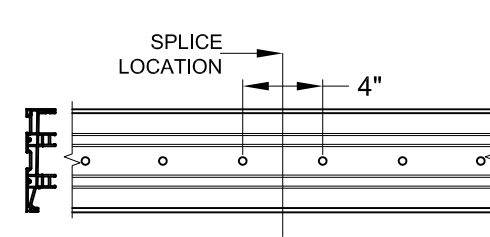


4-TRACK SPLICE  
"C6" ANCHOR LOCATIONS  
(USE WHERE "C5" IS SPECIFIED)

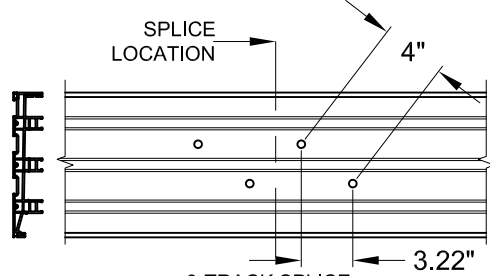
### SILL SPLICE ANCHORS @ INTERLOCK OR ASTRAGAL:



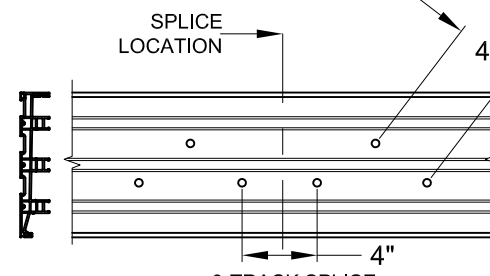
2-TRACK SPLICE  
"C4" ANCHOR LOCATIONS  
(USE WHERE "C3" IS SPECIFIED)



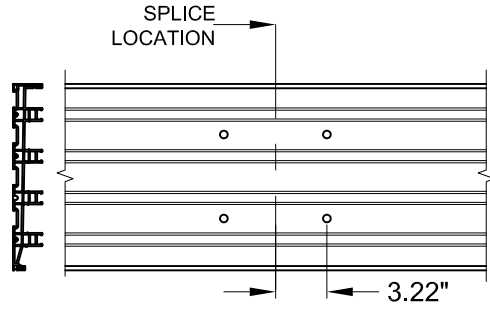
2-TRACK SPLICE  
"C6" ANCHOR LOCATIONS  
(USE WHERE "C5" IS SPECIFIED)



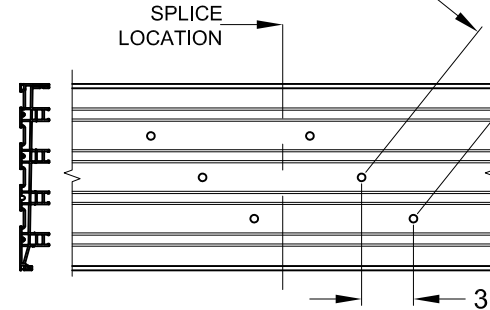
3-TRACK SPLICE  
"C4" ANCHOR LOCATIONS  
(USE WHERE "C3" IS SPECIFIED)



3-TRACK SPLICE  
"C6" ANCHOR LOCATIONS  
(USE WHERE "C5" IS SPECIFIED)

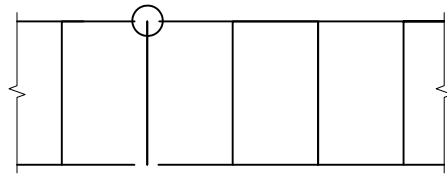


4-TRACK SPLICE  
"C4" ANCHOR LOCATIONS  
(USE WHERE "C3" IS SPECIFIED)



4-TRACK SPLICE  
"C6" ANCHOR LOCATIONS  
(USE WHERE "C5" IS SPECIFIED)

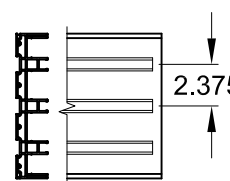
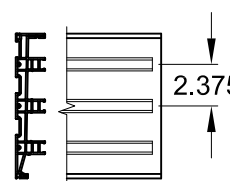
FIGURES PERTAIN TO THE FOLLOWING SPLICED HEAD ANCHOR LOCATIONS:



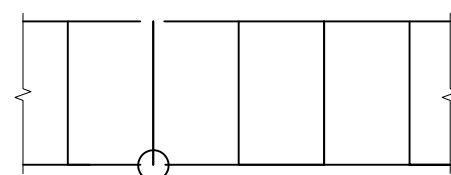
Head/Sill	(C3)+1
Jamb	5
P-hook	7

#### NOTES:

- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) ABOVE FIGURES ARE FOR SPLICES OCCURRING AT THE ASTRAGAL OR INTERLOCK. FOR SPLICES OCCURRING INSIDE OF A POCKET, SEE THE EXAMPLE ON SHEET 9.
- 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS AND SILLS:
 



- 4) POCKET WALL OR CAVITY IS NOT PART OF THIS APPROVAL AND IS TO BE DESIGNED BY OTHERS AND REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

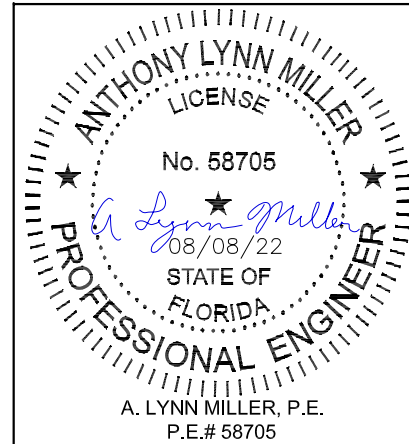
FIGURES PERTAIN TO THE FOLLOWING SPLICED SILL ANCHOR LOCATIONS:



Head/Sill	(C3)+1
Jamb	5
P-hook	7

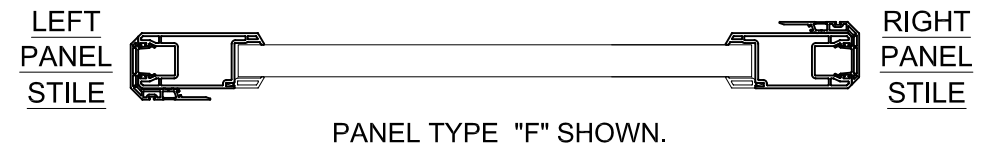
Rev. #	C
Date	08/01/22
Method	UPDATED CERT. METHOD

Prepared by	A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600
Registration	#29296
Copyright	© 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.
Date	06/12/11
Drawn by	JENS ROSOWSKI
No. DWG	16 OF 25
Series	SGD5470V
Sheet	SGD5470FPA-NI
Desc.	VINYL SLIDING GLASS DOOR (NI) ANCHOR LOCATIONS F





PANEL TYPES INTERIOR OR EXTERIOR GLAZED		PANEL'S RIGHT STILE TYPE										
		SINGLE INTERLOCK OUT	SINGLE INTERLOCK IN	FIXED STILE	LOCKSTILE W/ HANDLE	ASTRAGAL BOX OUT	ASTRAGAL BOX IN	OUTSIDE 90° ASTRAGAL RECEIVER	INSIDE 90° ASTRAGAL RECEIVER	OUTSIDE 135° ASTRAGAL RECEIVER	INSIDE 135° ASTRAGAL RECEIVER	
PANEL'S LEFT STILE TYPE	SINGLE INTERLOCK OUT		<i>E</i>	<i>F</i>	<i>PP</i>	<i>K</i>	<i>L</i> <small>(BOX OUT)</small>	<i>L</i> <small>(BOX IN)</small>	<i>TC</i>	<i>TA</i>	<i>TV</i>	<i>TW</i>
	SINGLE INTERLOCK IN		<i>B</i>	<i>H</i>	<i>P</i>	<i>A</i>	<i>C</i> <small>(BOX OUT)</small>	<i>C</i> <small>(BOX IN)</small>	<i>SC</i>	<i>SA</i>	<i>SV</i>	<i>SW</i>
	FIXED STILE		<i>RR</i>	<i>R</i>			<i>S</i> <small>(BOX OUT)</small>	<i>S</i> <small>(BOX IN)</small>	<i>FC</i>	<i>FD</i>	<i>FV</i>	<i>FW</i>
	LOCKSTILE W/ HANDLE		<i>D</i>	<i>M</i>			<i>J</i> <small>(BOX OUT)</small>	<i>J</i> <small>(BOX IN)</small>				
	ASTRAGAL BOX OUT		<i>LR</i> <small>(BOX OUT)</small>		<i>T</i> <small>(BOX OUT)</small>	<i>U</i> <small>(BOX OUT)</small>						
	ASTRAGAL BOX IN			<i>N</i> <small>(BOX IN)</small>	<i>T</i> <small>(BOX IN)</small>	<i>U</i> <small>(BOX IN)</small>						
	OUT. 90° ASTRAGAL RECEIVER		<i>CT</i>	<i>CS</i>	<i>CF</i>							
	IN. 90° ASTRAGAL RECEIVER		<i>AT</i>	<i>AS</i>	<i>DF</i>							
	OUT. 135° ASTRAGAL RECEIVER		<i>VT</i>	<i>VS</i>	<i>VF</i>							
	IN. 135° ASTRAGAL RECEIVER		<i>WT</i>	<i>WS</i>	<i>WF</i>							



- PANEL NOTES:
- 1) SEE DP/ANCHOR TABLES 1 & 2, SHEETS 7-8 FOR PANEL SIZES & DESIGN PRESSURE.
  - 2) PANEL TYPES NOT SHOWN ARE NOT REQUIRED FOR ANY CONFIGURATIONS AND ARE NOT AVAILABLE.
  - 3) MAXIMUM NOMINAL PANEL WIDTH FOR ALL PANEL CONFIGURATIONS IS 60".
  - 4) PANEL TYPE MAY BE EITHER EXTERIOR (STANDARD) OR INTERIOR GLAZED, BOTH TYPES QUALIFIED BY THIS APPROVAL, SEE DETAILS SHEET 10.

SCREEN PANEL TYPES			
<i>C</i>	DOUBLE INTERLOCK		ASTRAGAL
<i>M</i>	LOCKSTILE		DOUBLE INTERLOCK
<i>J</i>	LOCKSTILE		ASTRAGAL
<i>SD</i>	SINGLE INTERLOCK		DOUBLE INTERLOCK
<i>A</i>	DOUBLE INTERLOCK		LOCKSTILE
<i>U</i>	ASTRAGAL		LOCKSTILE
<i>DS</i>	DOUBLE INTERLOCK		SINGLE INTERLOCK

Rev. # 08/01/22  
Date  
UPDATED CERT. METHOD  
Rev.

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

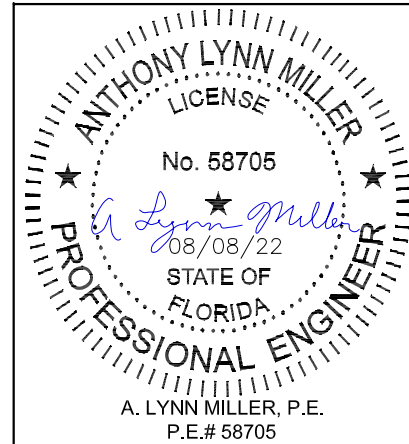
REGISTRATION #29296  
COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE  
TO MAKE COPIES FOR PERMITTING.

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

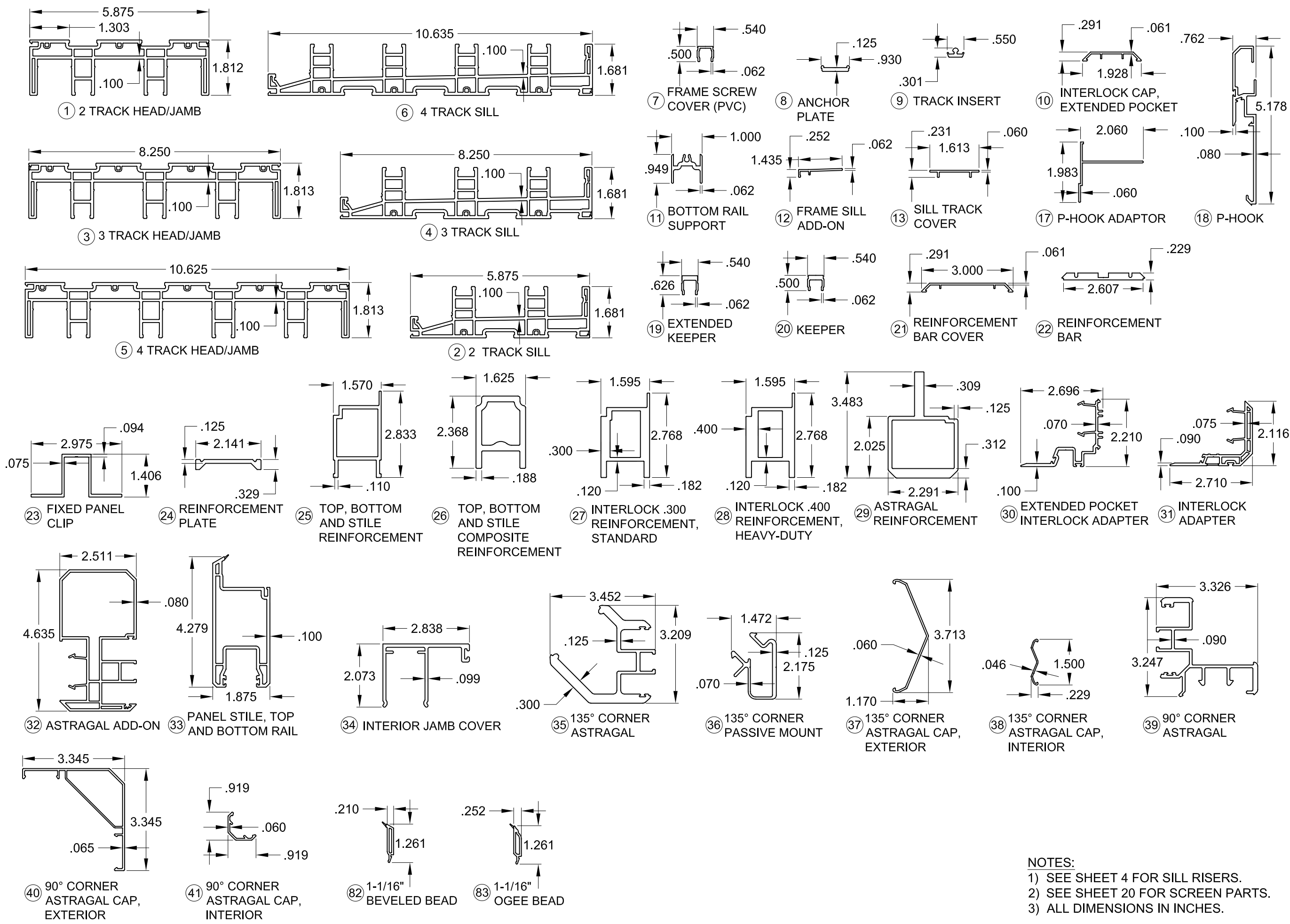
VINYL SLIDING GLASS DOOR (NI)

JENS ROSOWSKI  
By  
Date 06/12/11

SGD5470V  
17 OF 25  
SGD5470FPA-NI

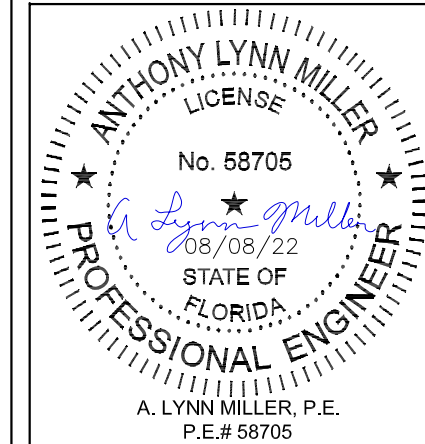


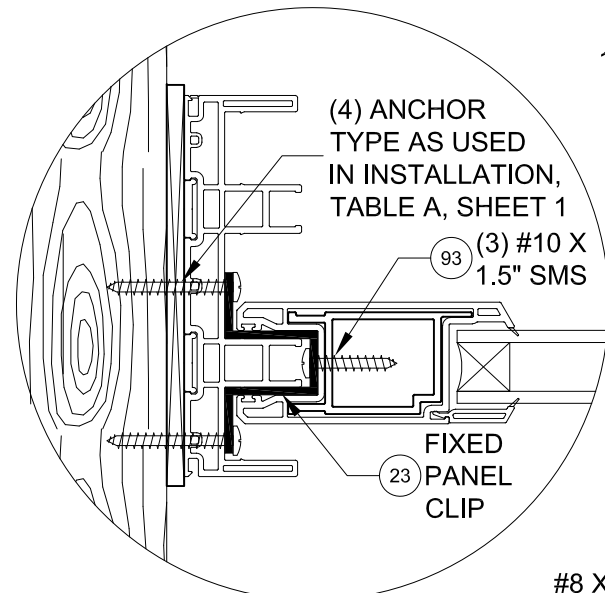
A. LYNN MILLER, P.E.  
P.E.# 58705



NOTES:  
 1) SEE SHEET 4 FOR SILL RISERS.  
 2) SEE SHEET 20 FOR SCREEN PARTS.  
 3) ALL DIMENSIONS IN INCHES.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	Date 06/12/11	Drawn By JENS ROSOWSKI No. DWG 18 OF 25 Sheet 18 OF 25
	VINYL SLIDING GLASS DOOR (NI) EXTRUSIONS	Title	

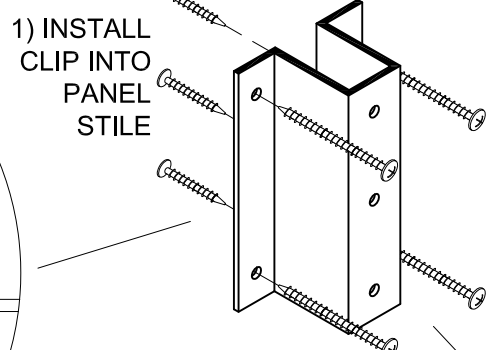




(4) ANCHOR TYPE AS USED IN INSTALLATION, TABLE A, SHEET 1

(3) #10 X 1.5\"/>

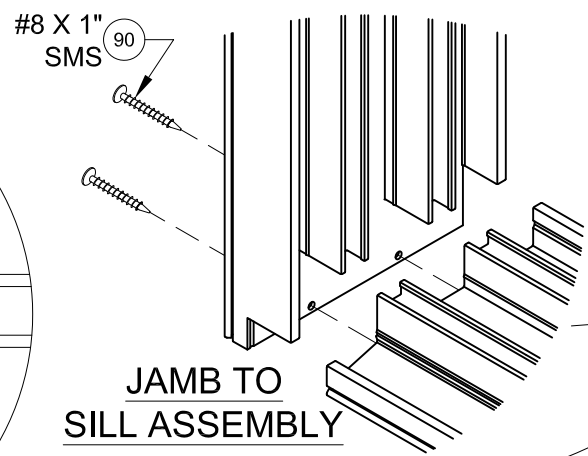
FIXED PANEL CLIP



1) INSTALL CLIP INTO PANEL STILE

2) INSTALL CLIP INTO FRAME JAMB & SUBSTRATE, SEE TABLE 1

**FIXED PANEL CLIP**  
INSTALL ONE CLIP AT THE MIDSPAN OF EACH PANEL-TO-FRAME JAMB LOCATION.



#8 X 1\"/>

21 BAR COVER

22 REINF. BAR #8 X 1-1/4\"/>

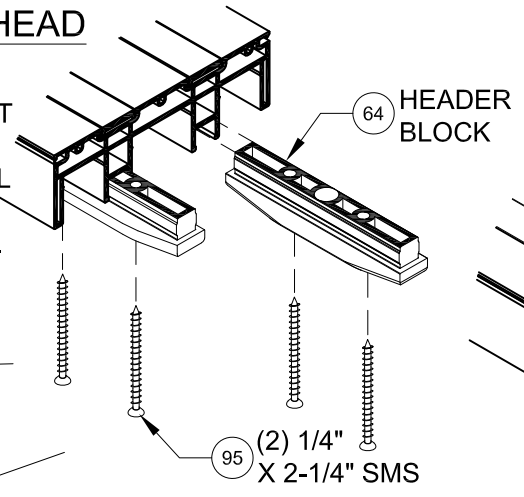
**JAMB TO SILL ASSEMBLY**

**REINFORCEMENT PLATE**

ATTACH WITH #8 X 1-1/4\"/>

**HEADER BLOCK TO HEAD ATTACHMENT**

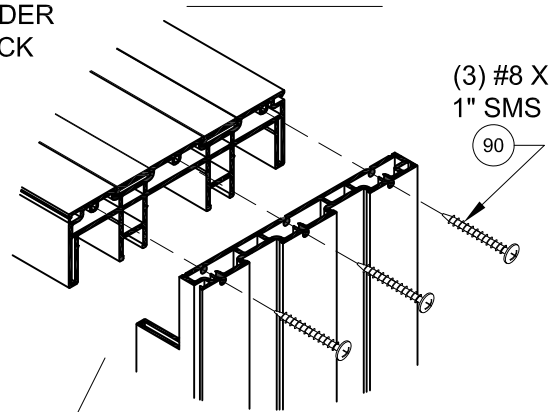
INSTALL ONE BLOCK AT EACH INTERLOCK. AT ASTRAGAL, INSTALL ONE BLOCK THAT SPANS BOTH PANELS.



64 HEADER BLOCK

95 (2) 1/4\"/>

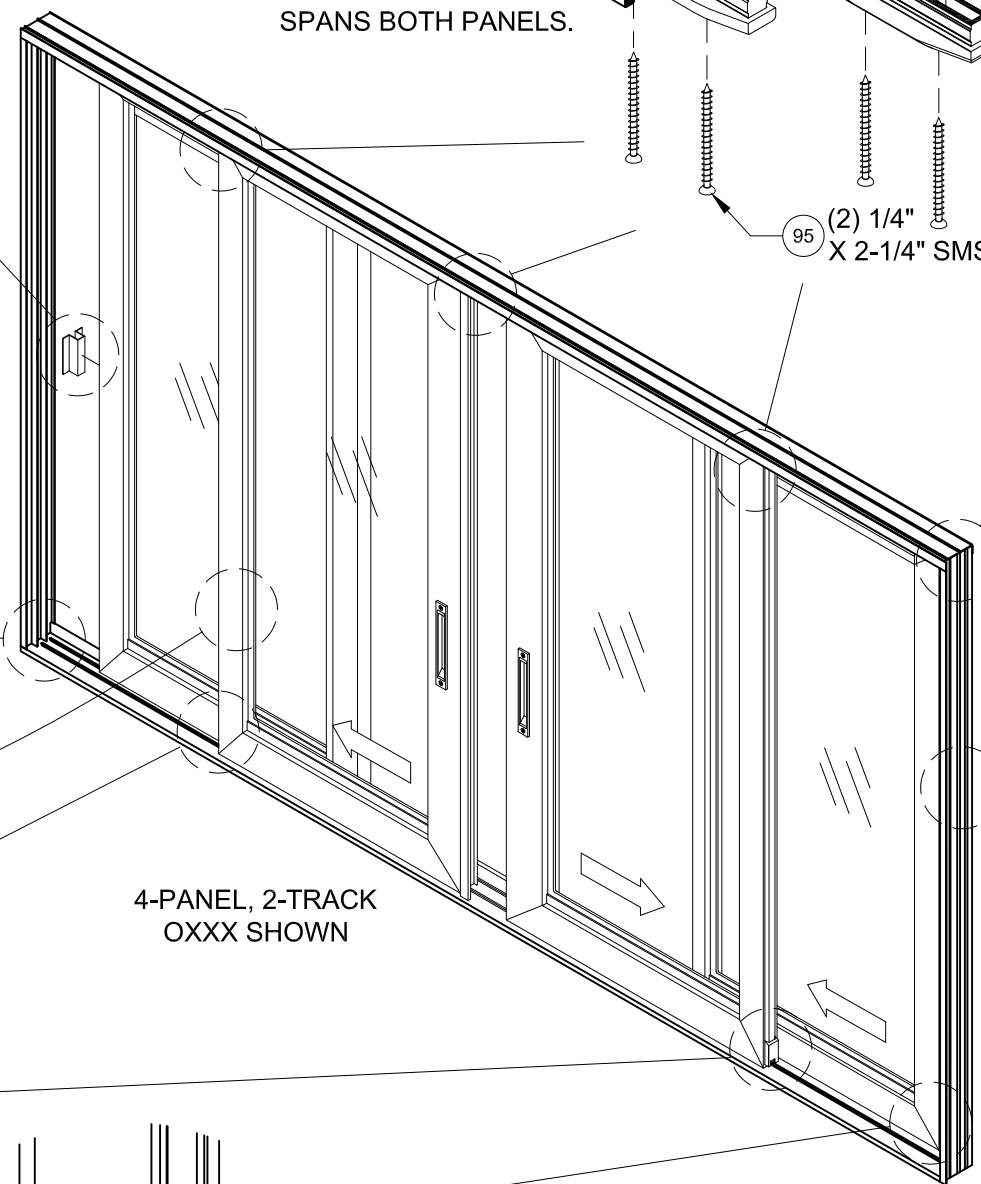
**JAMB TO HEAD ASSEMBLY**



(3) #8 X 1\"/>

**NOTES**

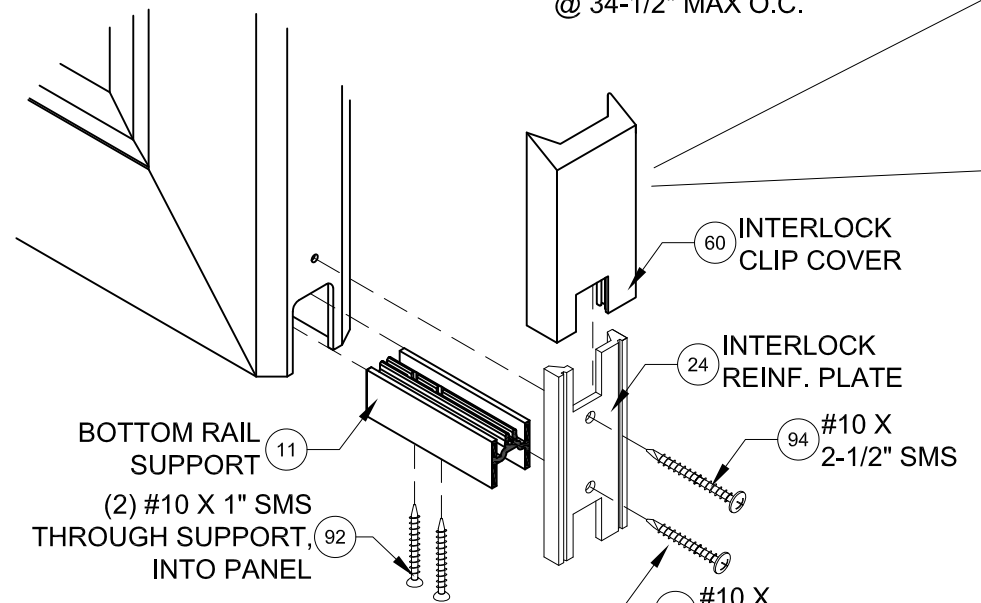
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 2) SEE SHEETS 11-16 FOR ANCHOR LOCATION & SPACING.
- 3) SEE TABLES 1 & 2 FOR REINFORCEMENT REQUIREMENTS.
- 4) CONTINUOUS ANCHOR PLATE, ITEM #8, IS REQUIRED AT ALL FRAME ANCHOR LOCATIONS.



4-PANEL, 2-TRACK OXXX SHOWN

INTERIOR

EXTERIOR



BOTTOM RAIL SUPPORT 11

(2) #10 X 1\"/>

**INTERLOCK SILL RETAINER CLIP ATTACHMENT**

INSTALL ONE ASSEMBLY AT EACH INTERLOCK

60 INTERLOCK CLIP COVER

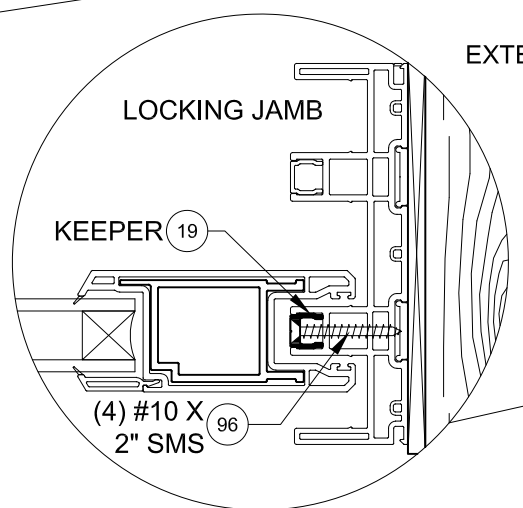
24 INTERLOCK REINF. PLATE

94 #10 X 2-1/2\"/>

93 #10 X 1-1/2\"/>

**PANEL ASSEMBLY**

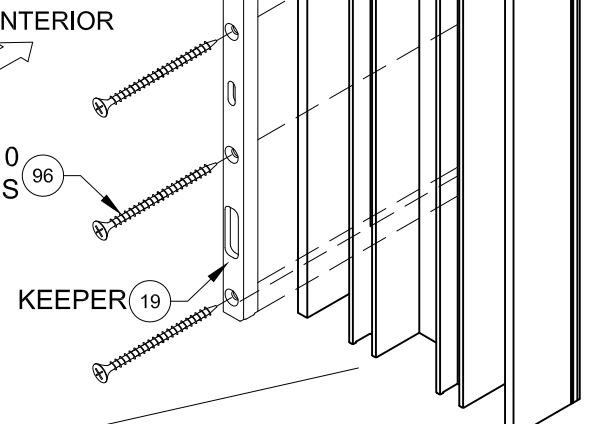
ALL PANEL CORNERS WELDED, NO ASSEMBLY FASTENERS



LOCKING JAMB

KEEPER 19

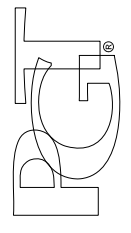
96 (4) #10 X 2\"/>

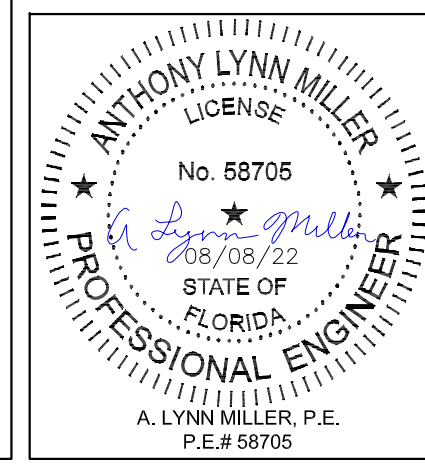


96 (4) #10 X 2\"/>

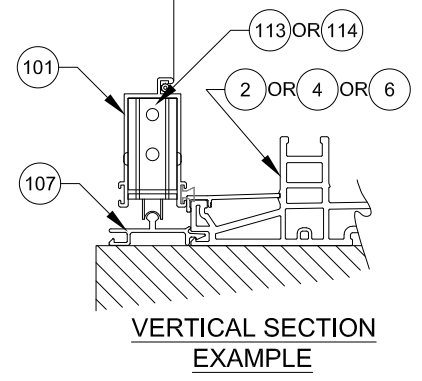
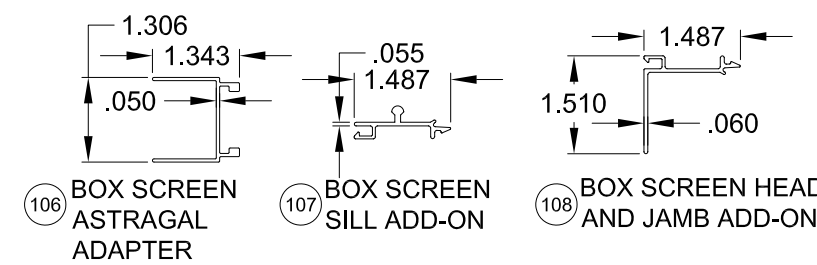
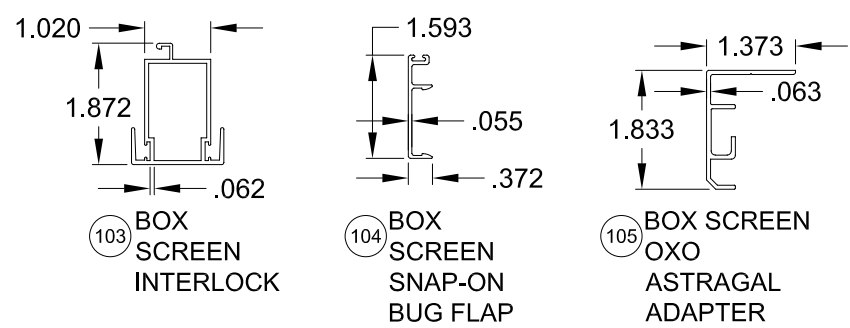
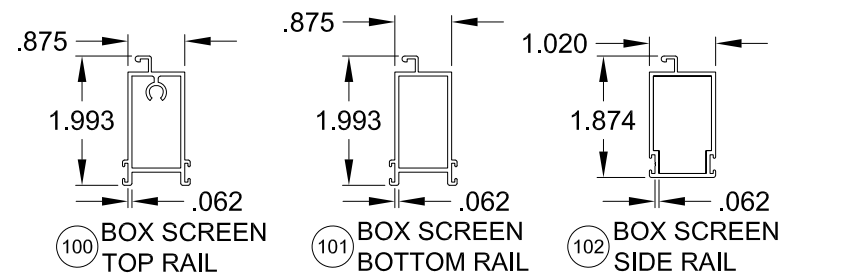
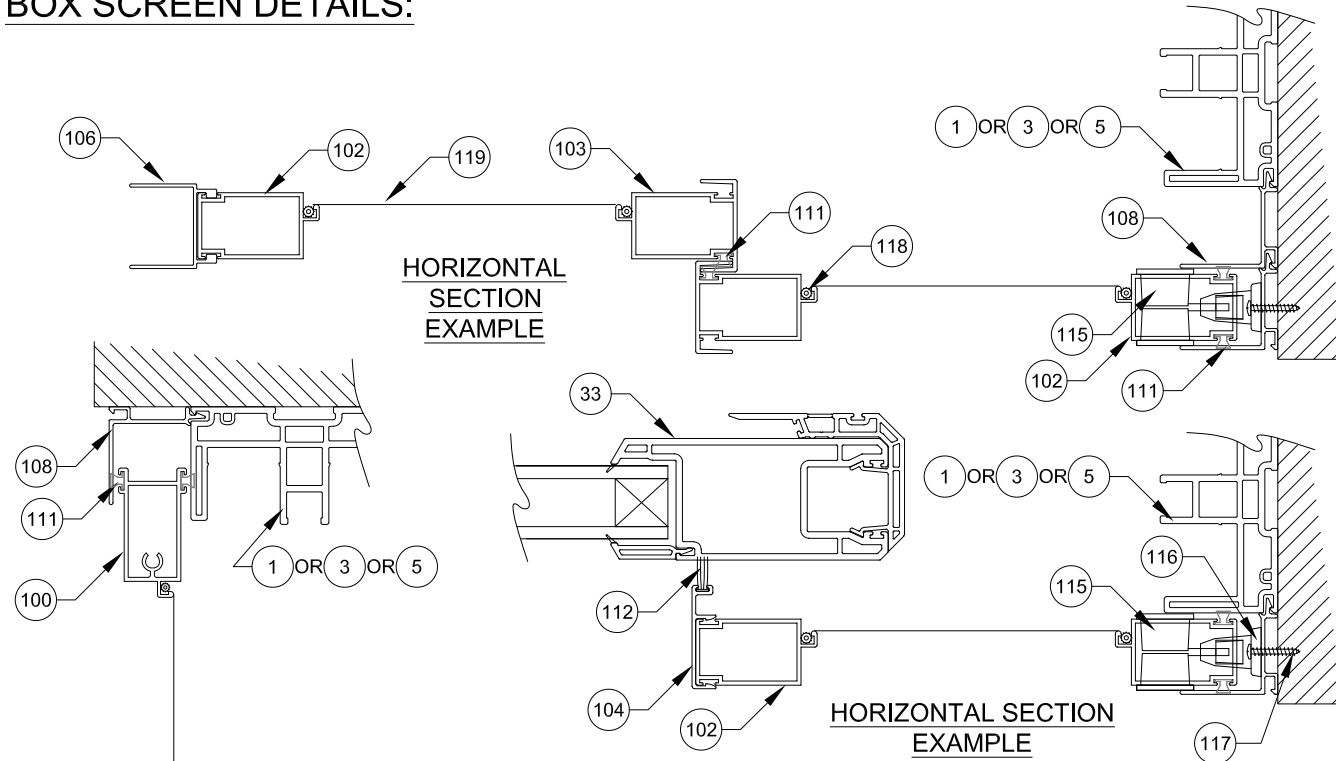
KEEPER 19

**KEEPER TO JAMB ATTACHMENT**

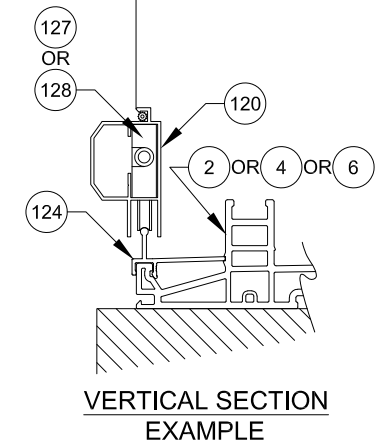
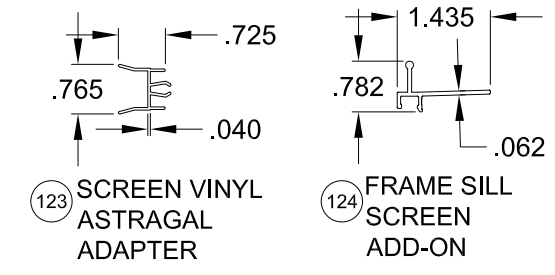
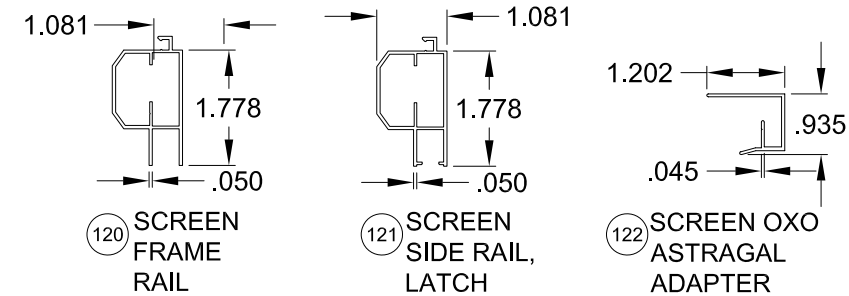
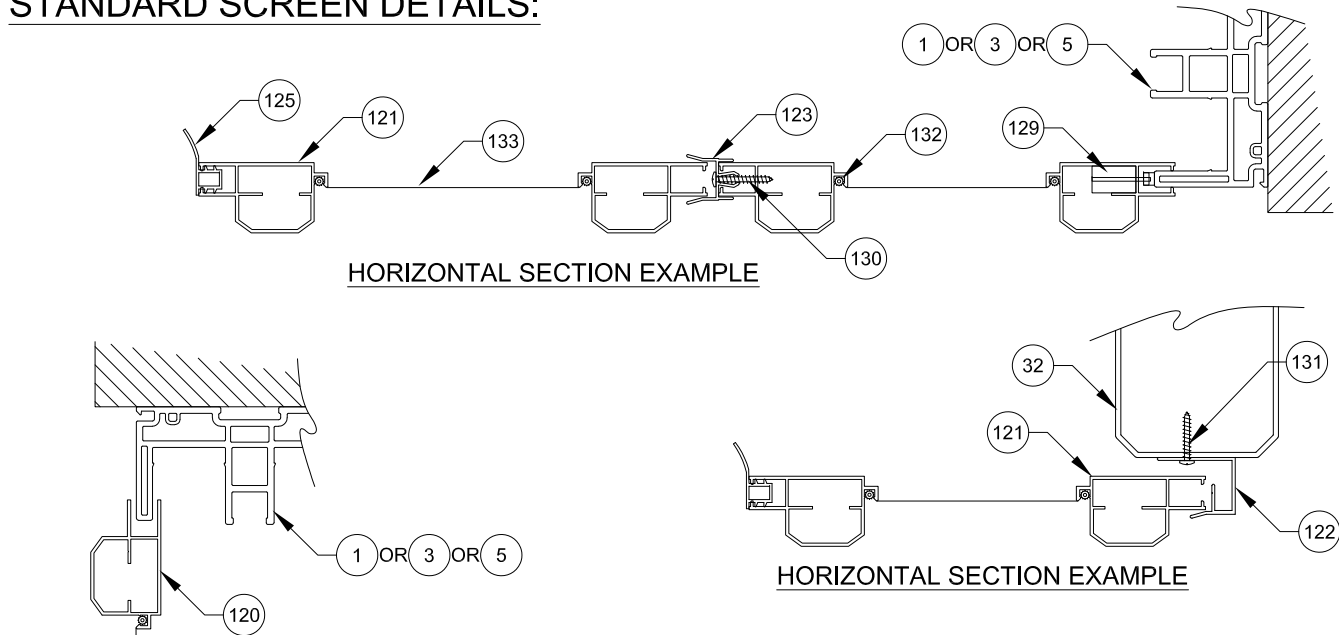
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	Date 06/12/11
		VINYL SLIDING GLASS DOOR (NI)	
Series SGD5470V	Desc. INSTALLATION, ACCESSORIES	Drawn By JENS ROSOWSKI	No. 19 OF 25
Sheet SGD5470V	DWG 19 OF 25	No. SGD5470FPA-NI	Date 08/01/22



**BOX SCREEN DETAILS:**



**STANDARD SCREEN DETAILS:**



**NOTE:**  
1) ALL DIMENSIONS IN INCHES.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	Date: 06/12/11	Drawn By: JENS ROSOWSKI Title: SCREEN DETAILS	Series: SGD5470V Desc.: 20 OF 25 Sheet: 20 OF 25	No. DWG: 20 OF 25 No. SHEET: 20 OF 25	Desc. Title: VINYL SLIDING GLASS DOOR (NI) Series: SGD5470V Desc.: 20 OF 25 Sheet: 20 OF 25	Date: 08/01/22 Rev. #: C
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	Date: 06/12/11					

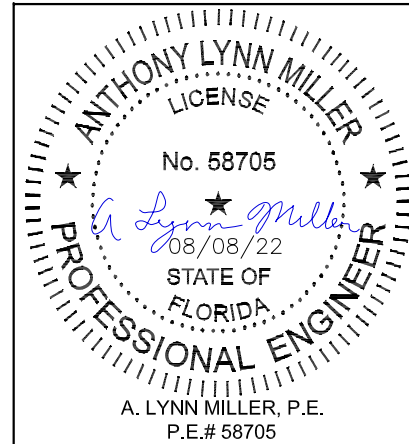


TABLE C:

#	Part #	Description	Material
1	19001	2-Track Head/Jamb	Rigid PVC
2	19002	2-Track Sill	Rigid PVC
3	19025	3-Track Head/Jamb	Rigid PVC
4	19026	3-Track Sill	Rigid PVC
5	19027	4-Track Head/Jamb	Rigid PVC
6	19028	4-Track Sill	Rigid PVC
7	19009	Frame Screw Cover	Rigid PVC
8	19031	Anchor Plate	6063-T6 Alum.
9	19007	Track Insert	6063-T6 Alum.
10	19084	Interlock Cap - Extended Pocket	Rigid PVC
11	19036	Bottom Rail Support	6063-T6 Alum.
12	19006A	Outer Sill Cover	6063-T6 Alum.
13	19011	Sill Track Cover	Rigid PVC
17	19032	P-Hook Adapter	6063-T6 Alum.
18	19020	P-Hook	6063-T6 Alum.
19	19047M	Extended Keeper	6063-T6 Alum.
20	19029M	Keeper	6063-T6 Alum.
21	19014	Reinforcement Bar Cover	Rigid PVC
22	19030	Reinforcement Bar	6005-T5 Alum.
23	19037M	Fixed Panel Clip	6063-T6 Alum.
24	19035M	Reinforcement Plate	6063-T6 Alum.
25	19017M	Top Rail, Bottom Rail and Lockstile Reinforcement	6005-T5 Alum.
26	19046		Composite
27	19018M	Interlock .300 Reinforcement, Std.	6005-T5 Alum.
28	19013M	Interlock .400 Reinforcement, HD	6005-T5 Alum.
29	19019M	Astragal Reinforcement	6005-T5 Alum.
30	19083	Extended Pocket Interlock Adaptor	6063-T6 Alum.
31	19006	Interlock Adaptor	Rigid PVC
32	19008	Astragal Add-on	Rigid PVC
33	19004	Panel Stile, Top/Bottom Rail	Rigid PVC
34	19040	Interior Jamb Cover	6063-T6 Alum.
35	19076	135° Corner Astragal	6063-T6 Alum.
36	19077	135° Corner Astragal Passive Mount	6063-T6 Alum.
37	19079	135° Corner Astragal Cap - Ext.	Rigid PVC
38	19080	135° Corner Astragal Cap - Int.	Rigid PVC
39	19078	90° Corner Astragal	6063-T6 Alum.

#	Part #	Description	Material
40	19081	90° Corner Astragal Cap - Ext.	Rigid PVC
41	19082	90° Corner Astragal Cap - Int.	Rigid PVC
42	19085	Sill Riser - (2-1/2")	6063-T6 Alum.
43	19022A	Sill Riser - (3-1/2")	6063-T6 Alum.
44	19023A	Sill Riser - (4-1/16")	6063-T6 Alum.
45	19024A	Sill Riser - (4-5/8")	6063-T6 Alum.
50	718609W	.187" x .320" Finsea (Stile)	
51	71695K	1-1/2" x 1" x 3/4" Fir Seal Dust Plug	
52	71696	Dust Plug	
60	419041	Interlock Clip Cover	PVC
61	78153X	Tandem Roller Assembly	SS
62	78153N	Tandem Roller Assembly	Nylon
63	78X75FP TX	#8 x 3/4" Ph. FH SMS @ Roller & Reinf.	SS
64	419042	Frame Header Block	Nylon
65	48052	Roller Adj. Hole Plug	PVC
66	44385	4 Hole Bumper Stop	PVC
67	76X114FP TX	#6 x 1-1/4" Ph. FH SMS @Bumper Stop	SS
68	71696G	Sill Plug	PVC
69	78185X	Gemini Mortise Lock w/long Trim plate	Steel/SS
70	71032X1FPFX	10-32 x 1" Ph.FH MS @ Lock	SS
71	varies	Handle Kit	Cast Zinc
75		Kommerling 4SG TPS Spacer System	
76		Quanex Super Spacer nXT with Hot Melt Butyl	See Sheet 10 for Materials
77		Quanex Duraseal	
78		Cardinal XL Edge Spacer	
79		Dow-791, 983, 995 or RGS-7700 Backbedding	Silicone
82	19044	1-1/16" Beveled Bead	Rigid PVC
83	19045	1-1/16" Ogee Bead	Rigid PVC
86	71726K	Setting Block 1" x 4" x 1/16", 85 +/- 5 durc.	Neoprene
90	781PSTX	#8 x 1" Ph. PH SMS @ Frame Assembly	SS
91	78X114PHPT410X	#8 x 1-1/4" Ph. PH SMS @ Reinf. Bar	SS
92	710X1PHPT18-8X	#10 x 1" Ph. PH SMS @ Rail Support	SS
93	710X115PPX	#10 x 1-1/2" Ph. PH SMS @ Fxd. Pnl. Clip	SS
94	710X2.5PHPT18-8X	#10 x 2-1/2" Ph. PH SMS @ Reinf. Plate/Ast.	SS
95	71420X2.25FPFX	#12 x 2-1/4" Ph. PH SMS @ Hdr. Block	SS
96	710X1.75PPX	#10 x 1-3/4" Ph. FH SMS @ Keeper	SS
97	710X34PPX	#10 x 3/4" Ph. PH SMS @ Ext. Pkt. Int.	SS

TABLE D: BOX SCREEN

#	Part #	Description	Material
100	12256	Box Screen Top Rail	6063 T5 Al
101	12257	Box Screen Bottom Rail	6063 T5 Al
102	12258	Box Screen Side Rail	6063 T5 Al
103	64428	Box Screen Interlock	6063 T6 Al
104	17347A	Box Screen Snap-on Bug Flap	6063 T6 Al
105	64345	Box Screen OXO Astragal Adapter	6063 T6 Al
106	17349	Box Screen Astragal Adapter	6063 T5 Al
107	19039	Box Screen Frame Sill Add-on	6063 T6 Al
108	19038	Box Screen Head/Jamb Add-on	6063 T6 Al
109	720X1X	#14-20 x 1" MS @ Top Rail	SS
110	720X112X	#14-20 x 1-1/2" MS @ Bottom Rail	SS
111	71793G	Wstp, .270" x .150" - Fin Seal	
112	61805K	Wstp, .187" x .500" @ Bug Flap	
113	7SRAX	Standard Roller	Nylon
114	7SRAX	HD Roller	SS
115	varies	Screen Locking Hardware	Steel
116	419053	Screen Keeper	Steel
117	76X1PPA	#6 x 1" Ph. PH SMS	Steel
118	1692/3/4	Screen Spline - .150" & .165"	Vinyl
119	1816C20	Screen Cloth	Fiberglass

TABLE E: STANDARD SCREEN

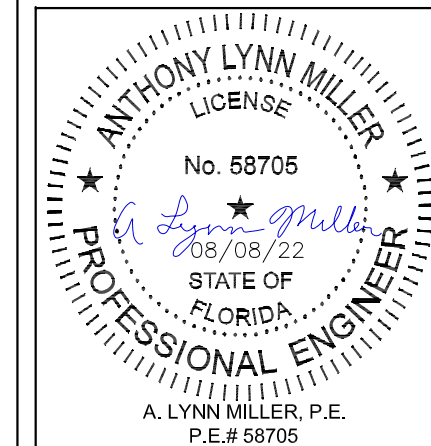
#	Part #	Description	Material
120	12033	Screen Frame Rail	6063 T5 Al
121	12026A	Screen Frame - Side Rail (Latch)	6063 T5 Al
122	17363	Screen OXO Astragal Adapter	6063 T6 Al
123	4853K	Screen Vinyl Astragal Adapter	Rigid PVC
124	19012B	Frame Sill Screen Add-on	6063 T6 Al
125	6FP95K	Bug Flap, 85 +/- 5 duro.	Vinyl
126	78X112PSATS	#8 x 1-1/2" Ph. PH SMS (Assembly)	SS
127	712027	Corner Key Wheel Assembly (Standard)	Nylon
128	712027SS	Corner Key Wheel Assembly (HD)	SS
129	varies	Screen Locking Hardware	Steel
130	710X34PPSDAX	#10 x 3/4" Ph. PH SMS @ Screen Ast.	SS
131	78X12PPSMSX	#8 x 1/2" Ph. PH SMS @ Door Ast.	SS
132	1692/3/4	Screen Spline - .145"	Vinyl
133	1816C20	Screen Cloth	Fiberglass

NOTES:

- 1) ITEMS # 14-16, 46-49, 53-59, 72-74, 80, 81, 84, 85, 87-89, 98 & 99 ARE NOT USED AND ARE NOT PART OF THIS APPROVAL.

Rev. # 08/01/22  
Date  
UPDATED CERT. METHOD  
Rev.

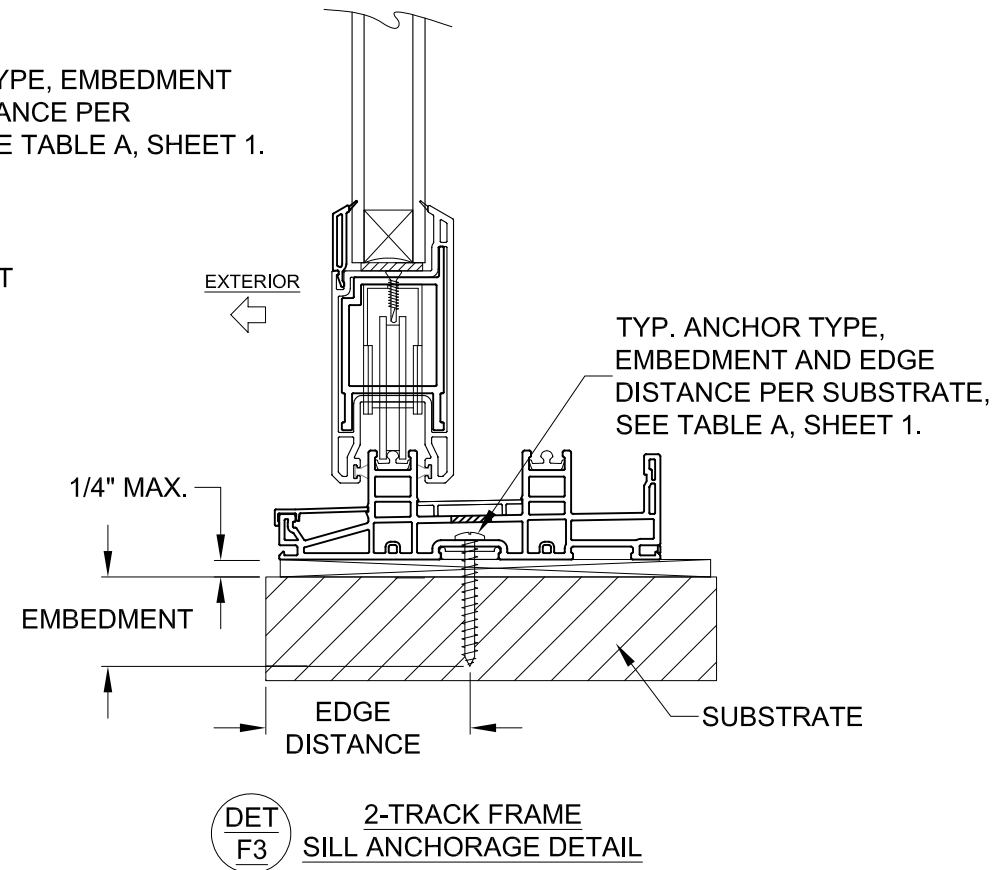
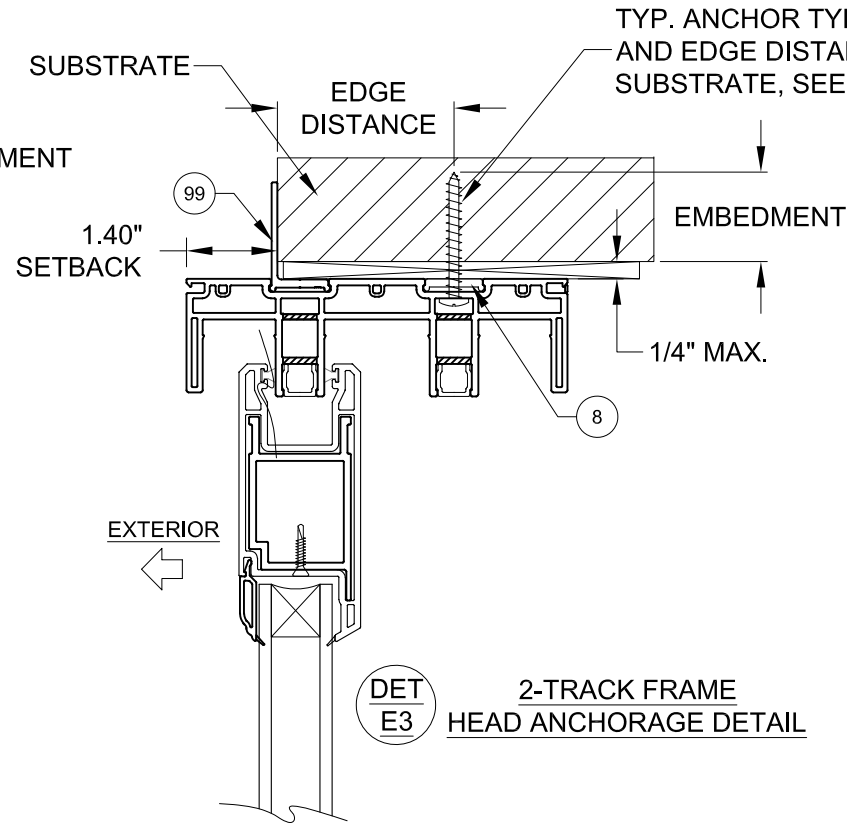
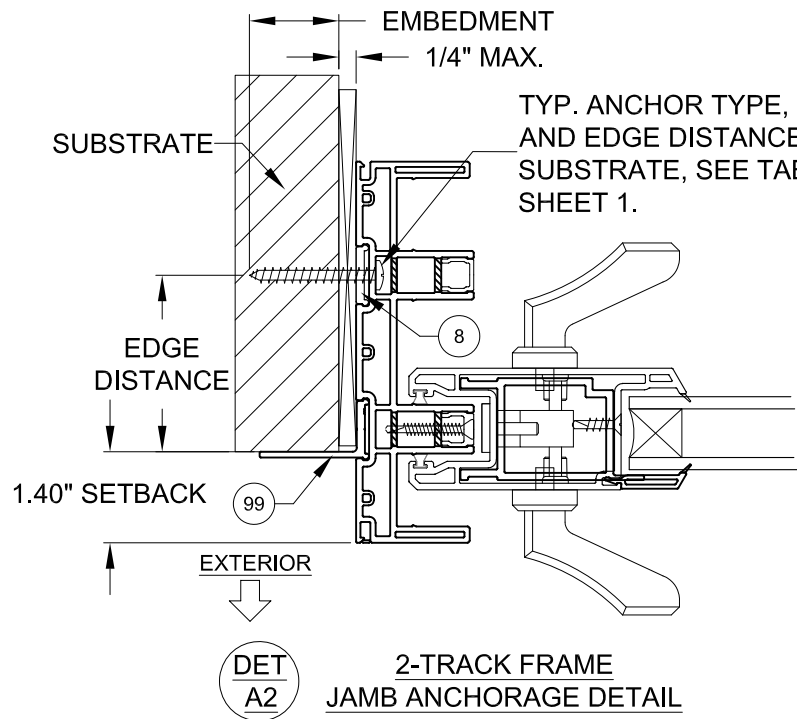
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	Date 06/12/11	JENS ROSOWSKI Drawn By	No. DWG 21 OF 25	Series SGD5470FPA-NI
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600				



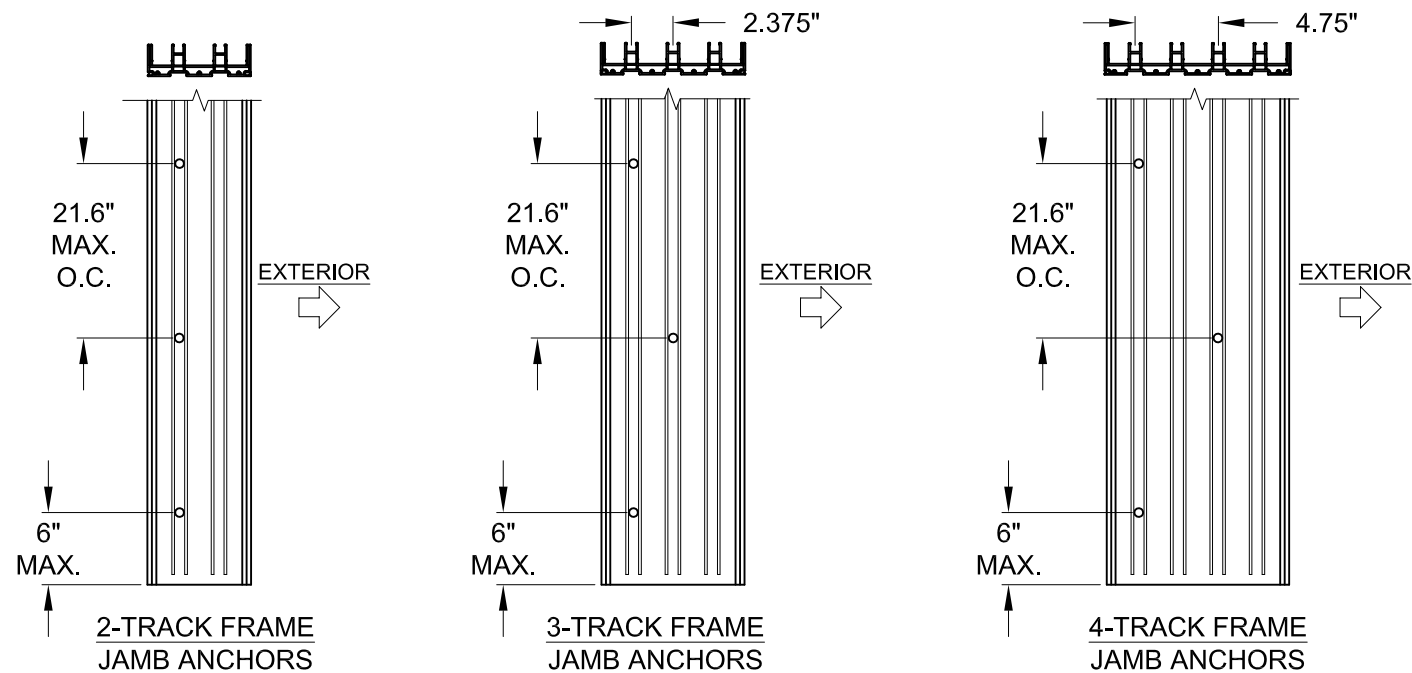
# ANCHORAGE DETAILS FOR SGD WHEN INSTALLED WITH FRAME FIN ADDON @ HEAD AND JAMB (SHEETS 22-25)

TO ACHIEVE PROPER ANCHOR EDGE DISTANCE, THE FOLLOWING SHEETS (22-25) SHOW ANCHOR PATTERNS THAT MUST BE USED WHEN USING THE FRAME FIN ADDON.

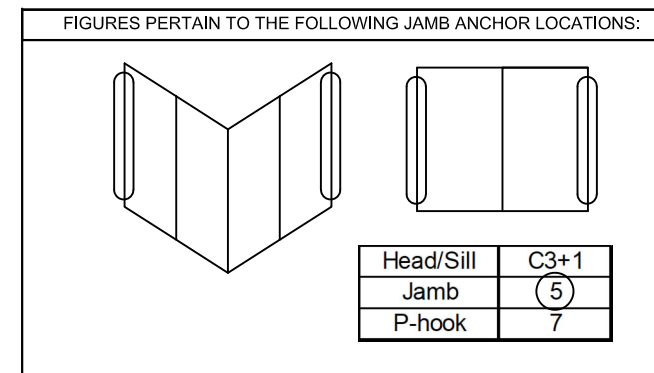
- NOTES:**
- 1) DETAILS APPLY TO 2, 3 AND 4 TRACK CONFIGURATIONS.
  - 2) REFER TO TABLE A FOR ANCHOR CONSTRAINTS.
  - 3) SILL ANCHORAGE WITH FIN ADDON IS UNCHANGED FROM THE BOX FRAME ANCHORAGE.



## JAMB ANCHORS LAYOUT (USING FRAME FIN ADDON):



- NOTE:**
- 1) STANDARD ANCHOR LOCATIONS SHOWN. FOR 3 AND 4-TRACK JAMBS, ANCHORS IN THE INTERIOR TRACK MAY BE LOCATED IN THE ADJACENT TRACK AS REQUIRED TO MEET MIN. EDGE DISTANCE CONSTRAINTS FROM THE INTERIOR.

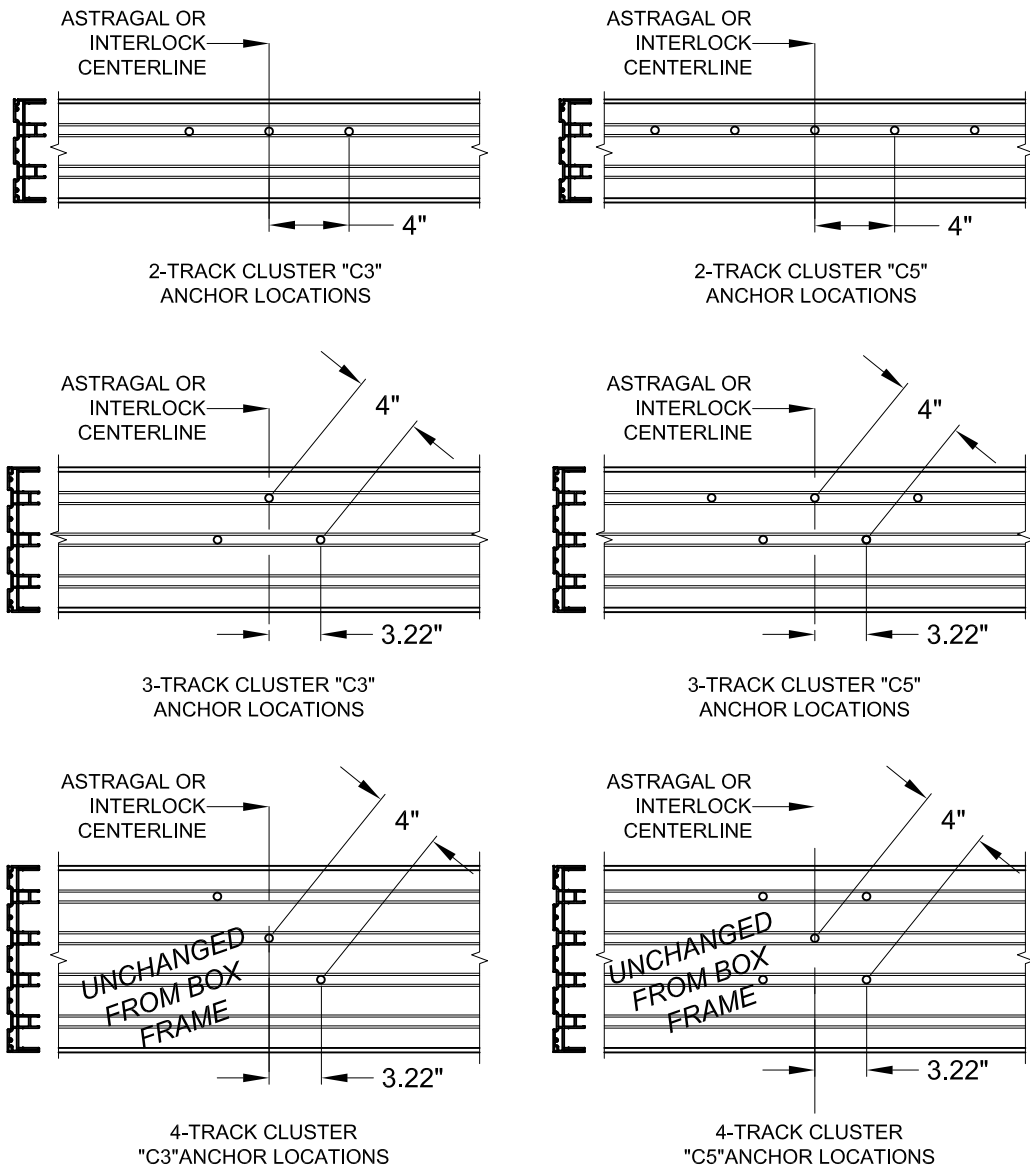


PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	06/12/11 Date	JENS ROSOWSKI By	SGD5470FPA-NI DWG No.
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	VINYL SLIDING GLASS DOOR (NI) Title	ANCHOR LOCATIONS - FIN Desc.	22 OF 25 Sheet

ANTHONY LYNN MILLER  
 LICENSE  
 No. 58705  
 08/08/22  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 A. LYNN MILLER, P.E.  
 P.E.# 58705

Rev. # 08/01/22 Date 08/01/22 Updated Cert. Method C

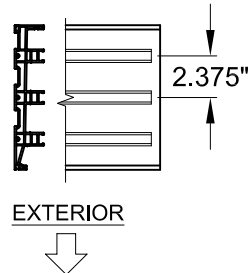
**HEAD CLUSTER ANCHORS LAYOUT (USING FIN ADDON):**



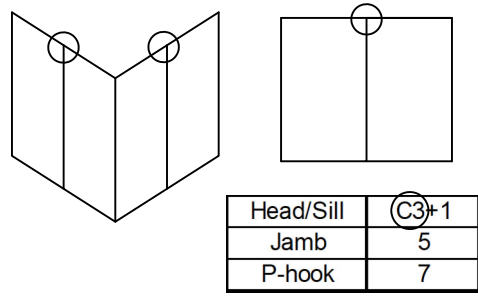
**NOTES:**

1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.

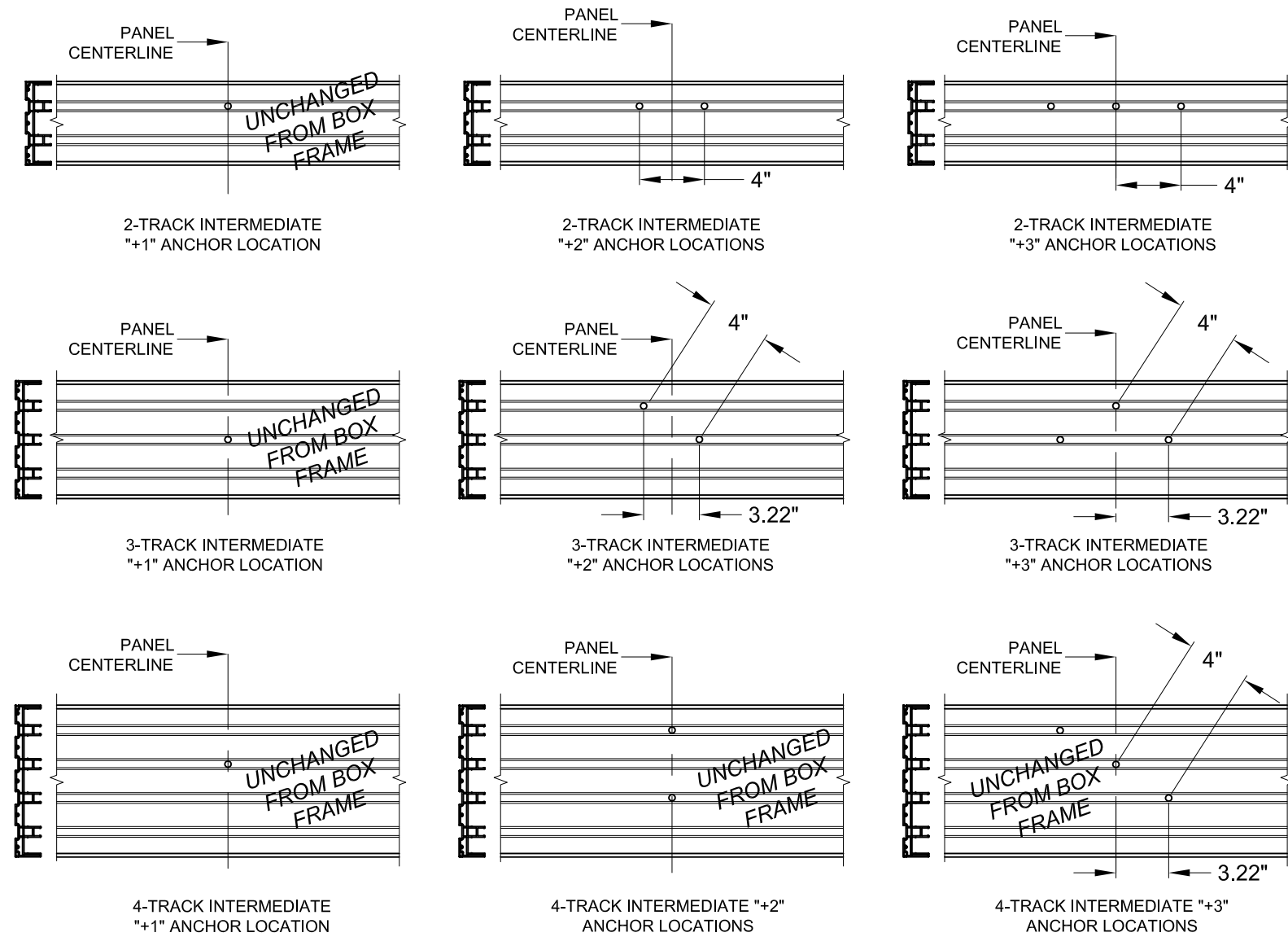
2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:



FIGURES PERTAIN TO THE FOLLOWING HEAD CLUSTER ANCHOR LOCATIONS:



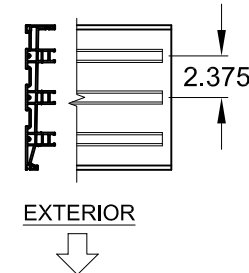
**HEAD "+" INTERMEDIATE ANCHORS LAYOUT (USING FIN ADDON):**



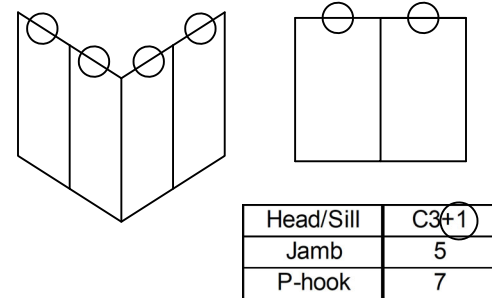
**NOTES:**

1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.

2) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL SILLS:



FIGURES PERTAIN TO THE FOLLOWING HEAD INTERMEDIATE ANCHOR LOCATIONS:



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

REGISTRATION #29296  
COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE  
TO MAKE COPIES FOR PERMITTING.

VINYL SLIDING GLASS DOOR (NI)

ANCHOR LOCATIONS - FIN

SGD5470V 23 OF 25 Sheet

SGD5470FPA-NI

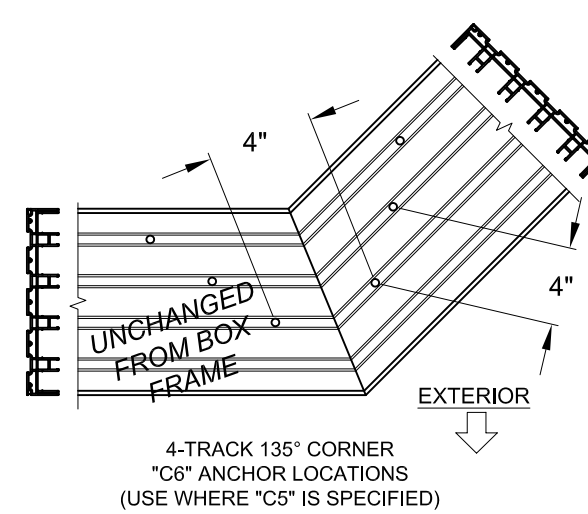
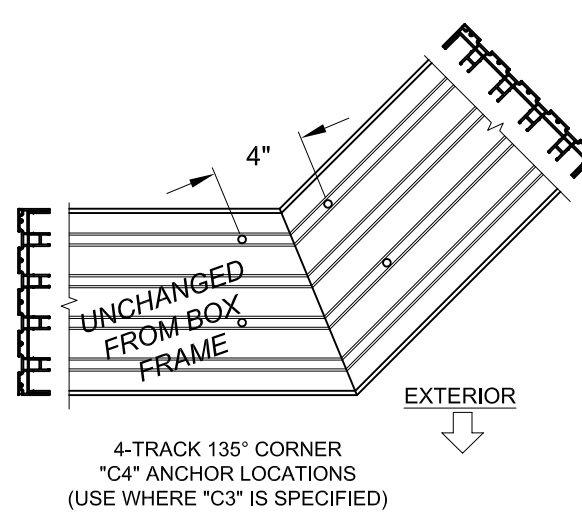
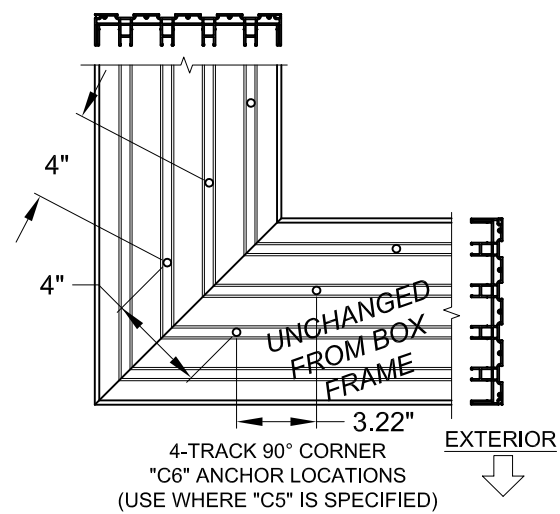
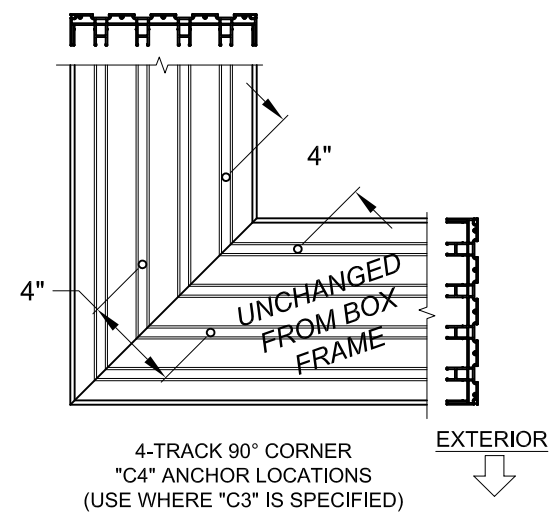
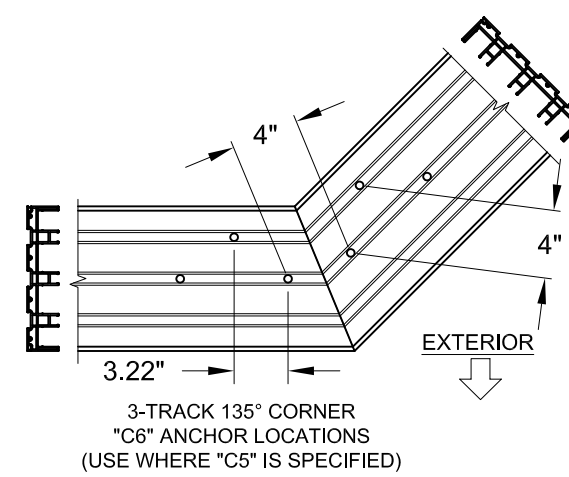
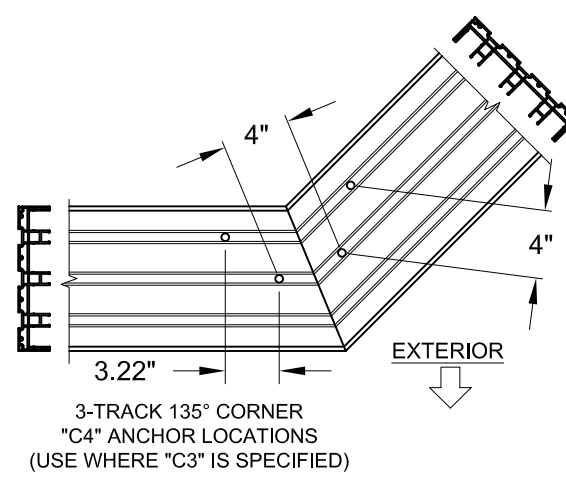
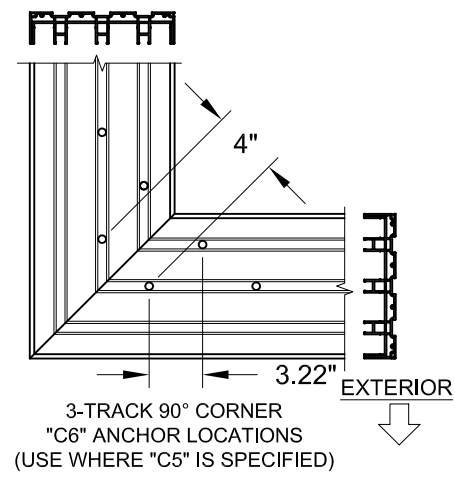
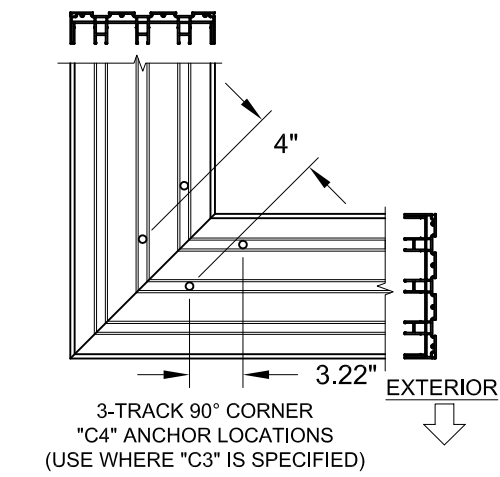
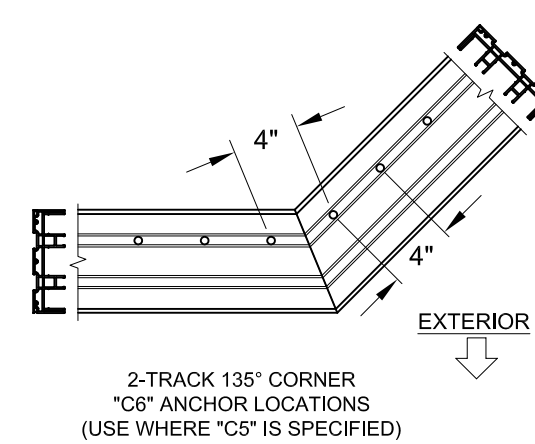
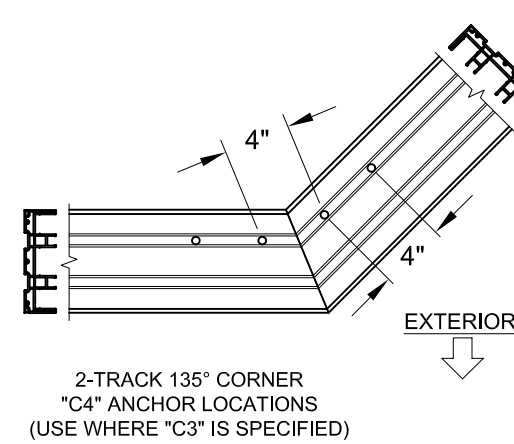
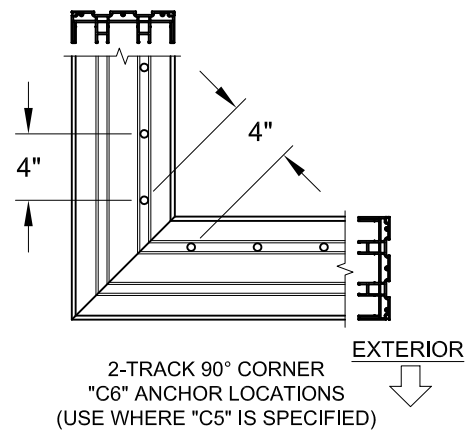
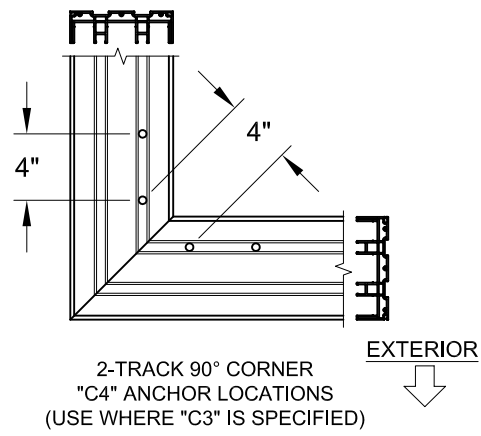
JENS ROSOWSKI  
By

06/12/11  
Date

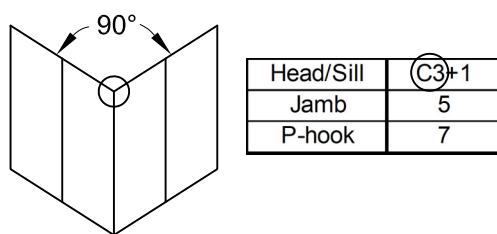
ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
08/08/22  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705

## HEAD 90° CORNER CLUSTER ANCHORS LAYOUT (USING FIN ADDON):

## HEAD 135° CORNER CLUSTER ANCHORS LAYOUT (USING FIN ADDON):

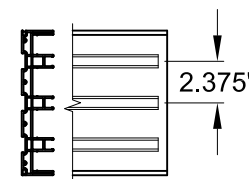


FIGURES PERTAIN TO THE FOLLOWING 90° CORNER HEAD ANCHOR LOCATIONS:

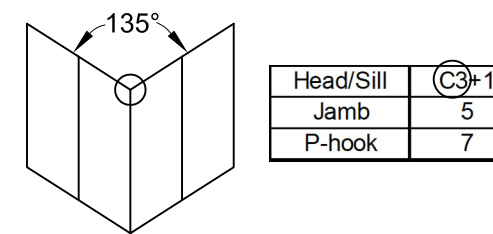


### NOTES:

- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.
- 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS:



FIGURES PERTAIN TO THE FOLLOWING 135° CORNER HEAD ANCHOR LOCATIONS:

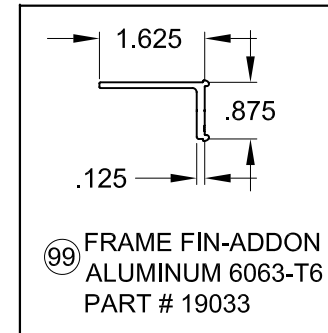
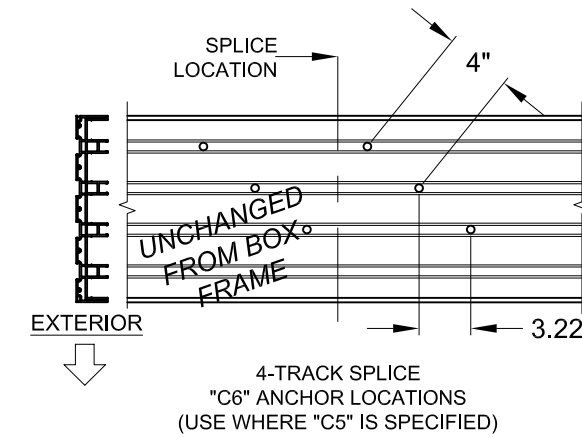
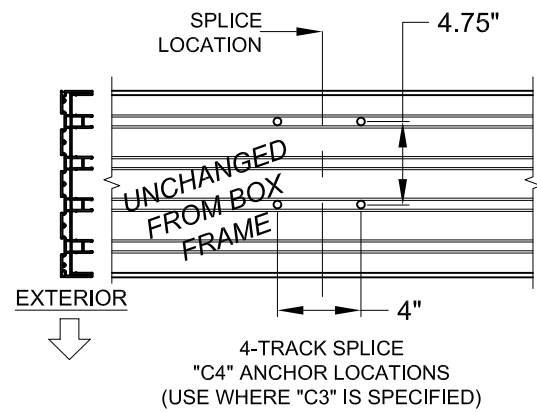
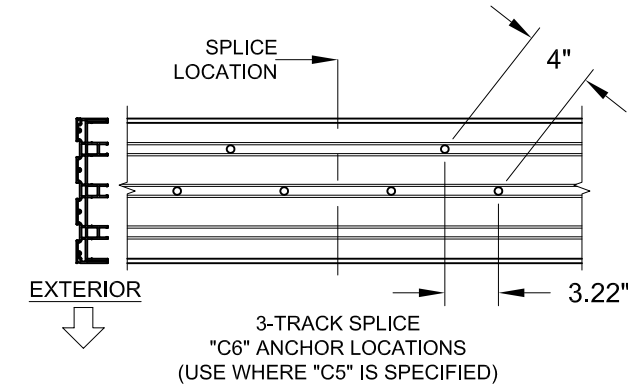
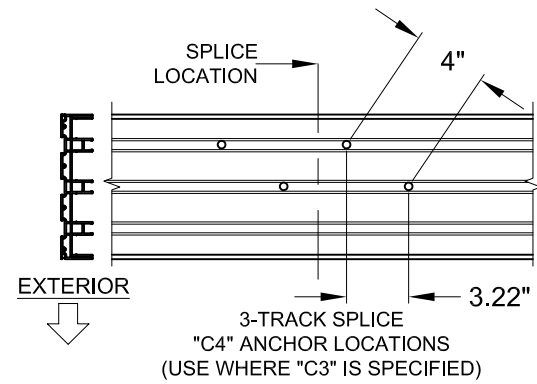
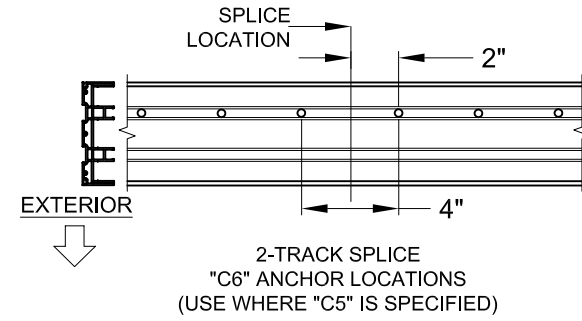
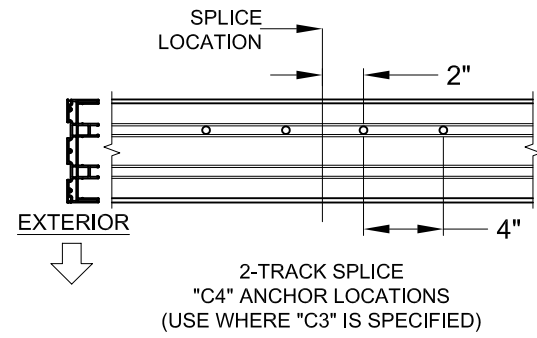


PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	Date 06/12/11	Drawn By JENS ROSOWSKI	Series ANCHOR LOCATIONS - FIN	Sheet 24 OF 25	DWG No. SGD5470V	Title VINYL SLIDING GLASS DOOR (NI)
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600						

ANTHONY LYNN MILLER  
 LICENSE  
 No. 58705  
 08/08/22  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER  
 A. LYNN MILLER, P.E.  
 P.E.# 58705



# HEAD SPLICE ANCHORS LAYOUT @ INTERLOCK OR ASTRAGAL (USING FIN ADDON):

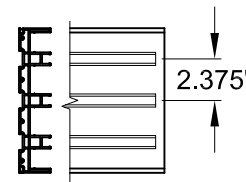


FIGURES PERTAIN TO THE FOLLOWING SPLICED HEAD ANCHOR LOCATIONS:

Head/Sill	(C3)+1
Jamb	5
P-hook	7

### NOTES:

- 1) ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
- 2) DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE SIMILAR FOR OUTSIDE (SHOWN) AND INSIDE CORNER CONFIGURATIONS.
- 3) TRACK-TO-TRACK DISTANCE IS 2.375" FOR ALL HEADS:



Rev. # 08/01/22  
Date  
Updated Cert. Method  
Rev.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2022 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	Date 06/12/11	Drawn By JENS ROSOWSKI	No. 25 OF 25	DWG SGD5470FPA-NI
	1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	Title VINYL SLIDING GLASS DOOR (NI)			

ANTHONY LYNN MILLER  
LICENSE  
No. 58705  
08/08/22  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
A. LYNN MILLER, P.E.  
P.E.# 58705