

SERIES SGD770NS-W, IMPACT RESISTANT,
NARROW STILE SLIDING GLASS WINDOW
INCLUDING POCKETS & 90° / 135° CORNERS

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

2) SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS. FOR INSULATED GLASS INSTALLATIONS ABOVE 30' IN THE HVHZ, THE OUTBOARD LITE (CAP) MUST TEMPERED.

3) 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 AND SECURED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER, (EOR) OR ARCHITECT OF RECORD, (AOR).

4) ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. USE ANCHORS OF SUFFICIENT LENGTH TO ACHIEVE EMBEDMENT. OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.

5) MAX. 1/4" SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS.

6) DESIGN PRESSURES:

A. NEGATIVE DESIGN LOADS BASED ON STRUCTURAL/CYCLE TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.

B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE, STRUCTURAL/ CYCLE TEST PRESSURE, FRAME ANALYSIS AND GLASS PER ASTM E1300.

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

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

8) REFER TO CURRENT FLORIDA BUILDING CODE FOR EGRESS REQUIREMENTS.

9 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.

FLORIDA PRODUCT APPROVAL #1844

TABLE A:

Anchor Group	Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. O.C. Distance	Min. Embedment or Metal Thickness
A	#12 SMS 18-8, 316, 410 SS	All	Southern Pine (SG = 0.55)	9/16"	7/8"	1-3/8"
			6063-T5 Aluminum	3/8"	9/16"	0.071" (20 Ga)
			A36 Steel	3/8"	9/16"	0.050"
			Gr. 33 Steel Stud	3/8"	9/16"	0.045" (18 Ga)
	1/4" 304 SS Aggre-Gator	All	Concrete (min. 2.22 ksi)	1-1/2"	3"	1-3/8"
		Jamb / P-hook	Grouted Block (ASTM C90)	2"	3"	2"
		Jamb / P-hook	UngROUTED Block (ASTM C90)	2"	3"	1-1/4"
B	#12 SMS Carbon Steel	All	Southern Pine (SG = 0.55)	9/16"	7/8"	1-3/8"
			6063-T5 Aluminum	3/8"	9/16"	0.071" (20 Ga)
			A36 Steel	3/8"	9/16"	0.050"
			Gr. 33 Steel Stud	3/8"	9/16"	0.045" (18 Ga)
C	1/4" Steel UltraCon+	Head / Sill	Concrete (min. 3 ksi)	1-5/16"	4"	1-3/8"
		Jamb / P-hook	Concrete (min. 3 ksi)	1"	4"	1-3/8"
		Jamb / P-hook	UngROUTED Block (ASTM C90)	1"	3"	1-1/4"
		All	Southern Pine (SG = 0.55)	1"	1"	1-3/8"
D	1/4" 410 SS CreteFlex	Head / Sill	Concrete (min. 3.35 ksi)	1"	4"	1-3/4"
		Jamb / P-hook	Concrete (min. 3.35 ksi)	1"	6"	1-3/4"
		Jamb / P-hook	UngROUTED Block (ASTM C90)	2-1/2"	6"	1-1/4"
		All	Southern Pine (SG = 0.55)	1"	1"	1-3/8"

- 1) MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE.
2) ALL SCREWHEAD TYPES ARE APPLICABLE.
3) 18-8 FASTENERS SHALL BE MANUFACTURED FROM TYPE 304 OR 305 STAINLESS STEEL PER ASTM A240.
4) IF COMBINING ANCHOR TYPES FROM DIFFERENT ANCHOR GROUPS ON THE SAME UNIT, THE GREATER ANCHOR QUANTITY FROM EITHER GROUP SHALL BE USED FOR THE ENTIRE UNIT.
5) "UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.

WHERE THE PRODUCT WILL BE INSTALLED WITHIN 3,000 FEET OF A SALTWATER COASTLINE, IT MUST COMPLY WITH SECTION 1711 OF THE FBC, BUILDING OR R332 OF THE FBC, RESIDENTIAL.

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DESIGN PRESSURE RATING SEE TABLES 1-3
WATER TEST PRESSURE 15% OF (+) DP
IMPACT RATING LARGE AND SMALL MISSILE IMPACT RESISTANT MISSILE LEVEL D, WIND ZONE 4

PREPARED BY A. LYNN MILLER
3400 PRECISION DRIVE
N. VENICE, FL 34275
(941) 480-1600

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

REGISTRATION #29296

ALUMINUM SLIDING GLASS WINDOW

GEN. NOTES AND ANCHOR

SGD770NS-W

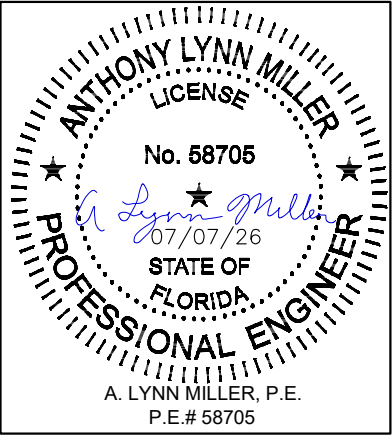
07/07/26

JENS ROSOWSKI

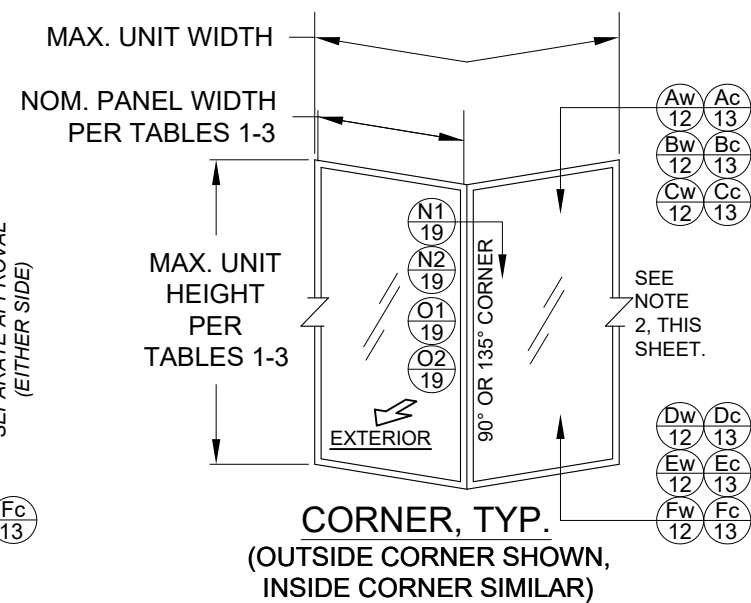
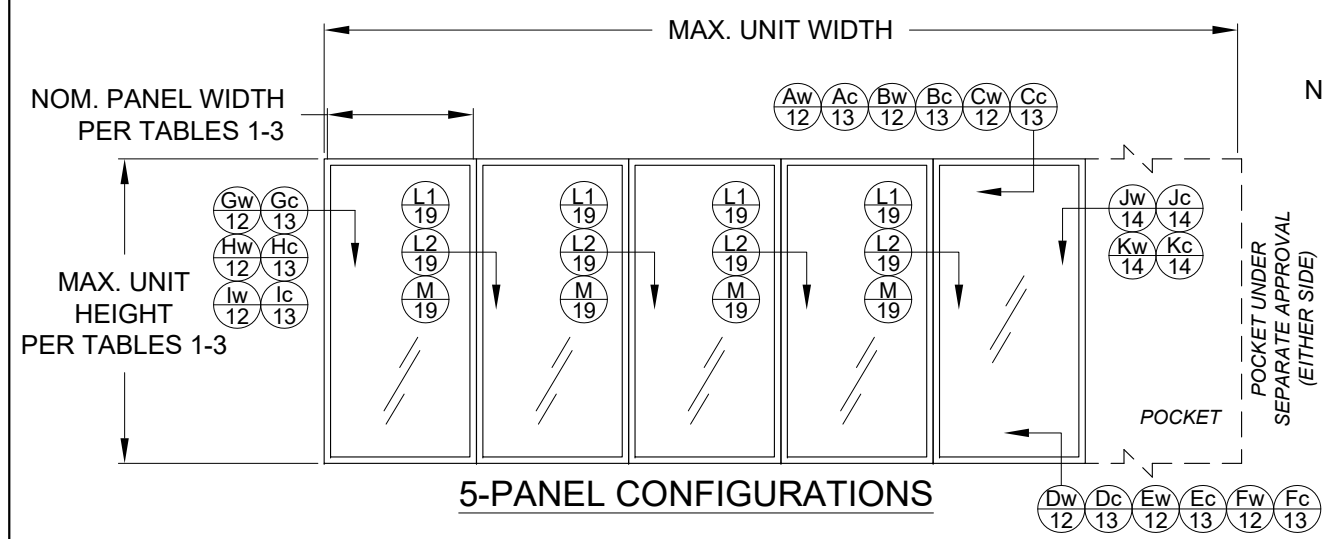
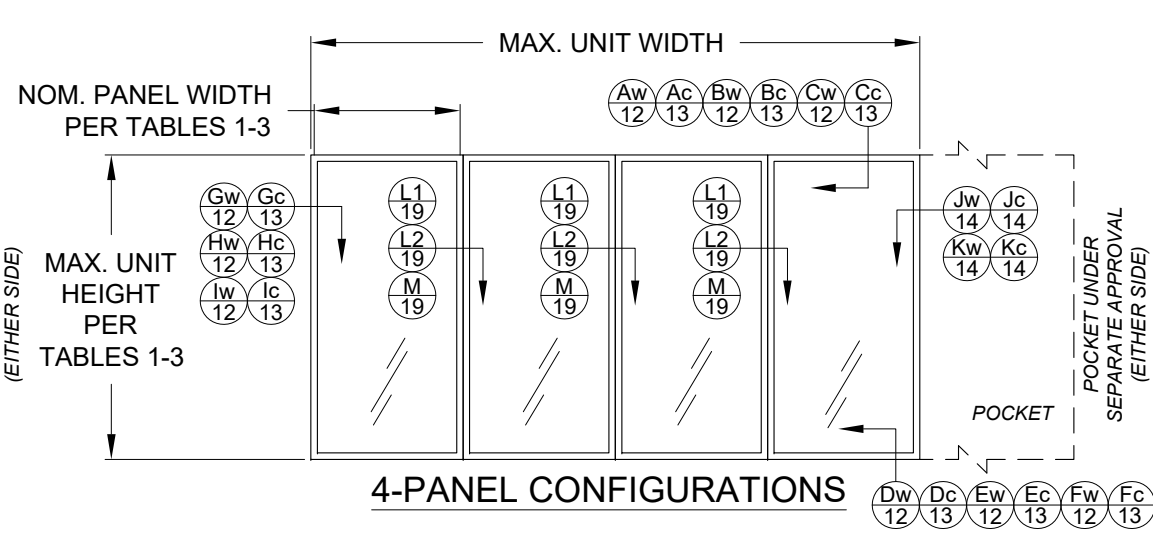
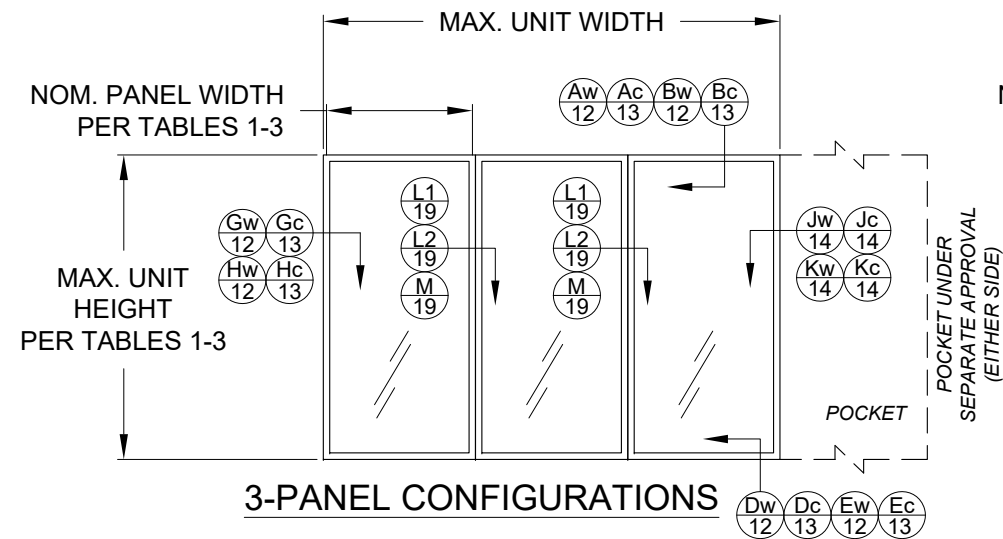
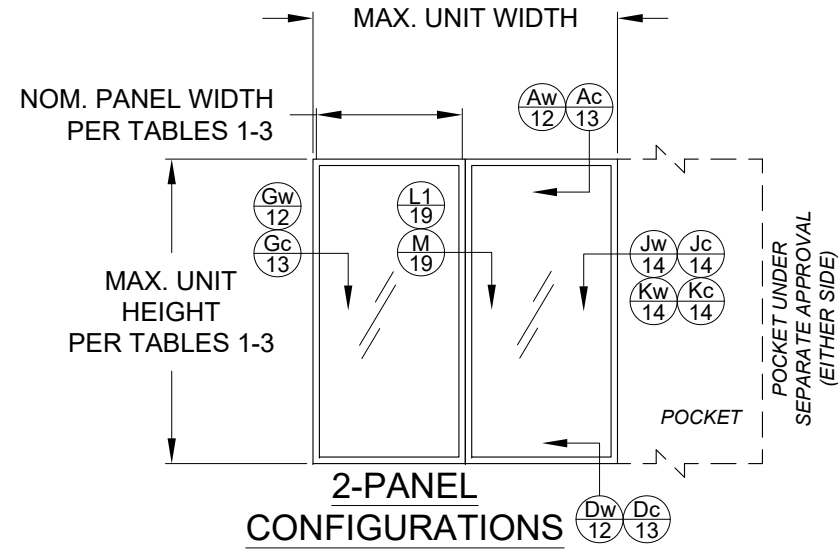
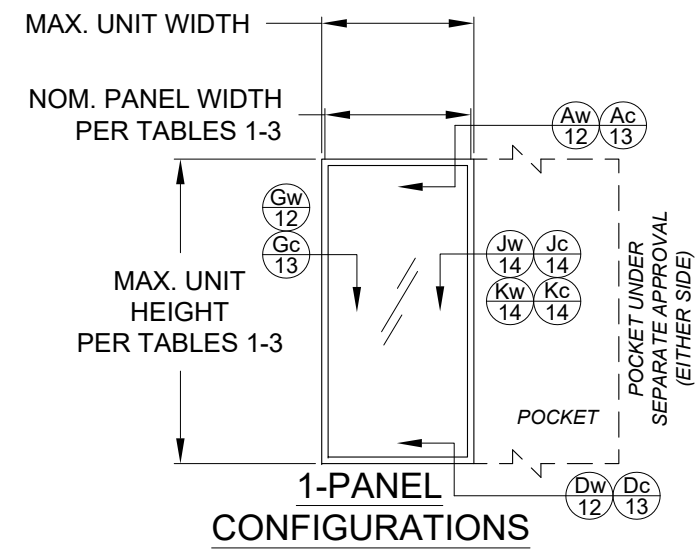
SGD770W-LM-HVHZ-NS

1 OF 21

1 OF 21



EXAMPLE CONFIGURATIONS



CONFIGURATIONS NOTES:

1) ALL CONFIGURATIONS SHOWN ARE ALSO AVAILABLE AS POCKET CONFIGURATIONS AT EITHER OR BOTH JAMB LOCATIONS USING DETAIL "Jw", "Jc", "Kw" OR "Kc" INSTALLATION. 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 CAN BE A COMBINATION OF ANY 2 STRAIGHT CONFIGURATIONS.

3) FOR NOM. PANEL WIDTH, SEE TABLES 1-3.

4) FOR INSTALLATIONS IN THE HVHZ, LIMIT FRAME SQUARE FOOTAGE TO 375 S.F.

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

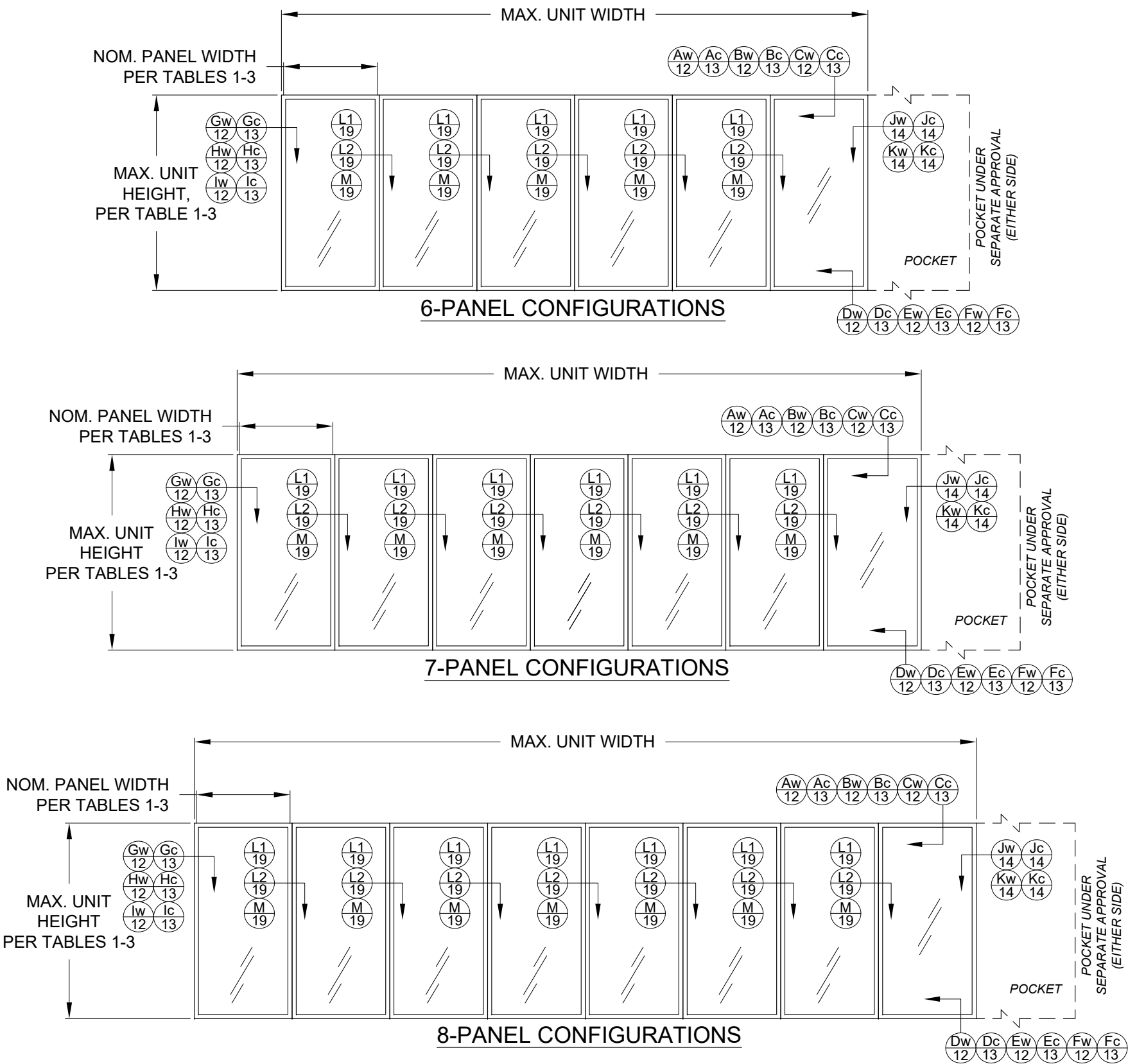
DETAIL LETTER
"w" = WOOD OR METAL INSTALLATION
"c" = CONCRETE INSTALLATION
SHEET NUMBER

GLASS WIDTH = NOMINAL PANEL WIDTH - 3.25"
DLO WIDTH = NOM. PANEL WIDTH - 4.75"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10.125"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1.866"

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PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296		ALUMINUM SLIDING GLASS WINDOW		Drawn By	JENS ROSOWSKI
EXAMPLE CONFIGURATIONS		2 OF 21		DWG No.	SGD770NS-W
SGD770NS-W		SGD770W-LM-HVHZ-NS			

ANTHONY LYNN MILLER
LICENSE
No. 58705
07/07/26
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

EXAMPLE CONFIGURATIONS



DETAIL LETTER
"w" = WOOD OR METAL INSTALLATION
"c" = CONCRETE INSTALLATION
SHEET NUMBER

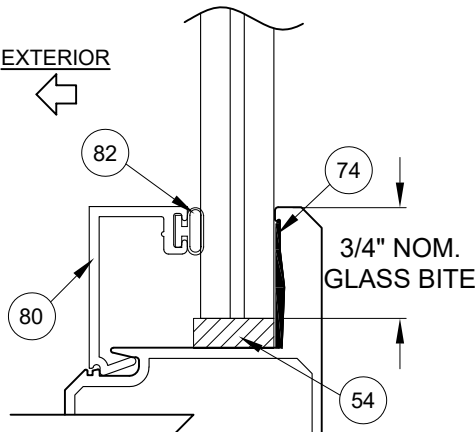
GLASS WIDTH = NOMINAL PANEL WIDTH - 3.25"
DLO WIDTH = NOM. PANEL WIDTH - 4.75"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10.125"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1.866"

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EXAMPLE CONFIGURATIONS		JENS ROSOWSKI		SGD770W-LM-HVHZ-NS	
SGD770NS-W		3 OF 21		DWG No.	
SGD770NS-W		3 OF 21		Sheet	
ANTHONY LYNN MILLER LICENSE No. 58705 07/07/26 STATE OF FLORIDA PROFESSIONAL ENGINEER A. LYNN MILLER, P.E. P.E.# 58705					

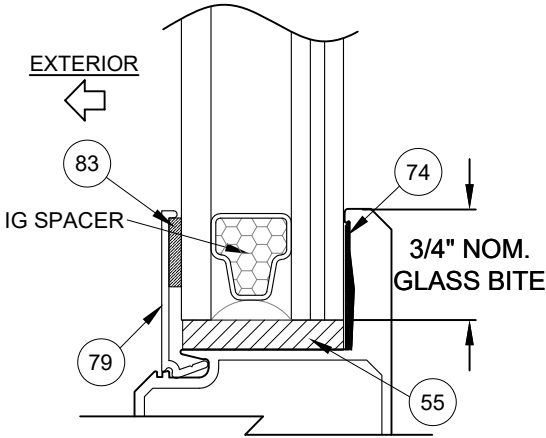
TABLE B:

Glass Type	Description (Listed from Exterior to Interior)
3	7/16" LAMI: 3/16" HS, .090" PVB, 3/16" HS
3A	9/16" LAMI: 1/4" HS, .090" PVB, 1/4" HS
4	7/16" LAMI: 3/16" HS, .090" SG, 3/16" HS
4A	9/16" LAMI: 1/4" HS, .090" SG, 1/4" HS
5	1" LAMI IG: 3/16" TP CAP, AIRSPACE, 3/16" HS, .090" PVB, 3/16" HS
5A	1" LAMI IG: 1/4" TP CAP, AIRSPACE, 3/16" HS, .090" PVB, 3/16" HS
6	1" LAMI IG: 3/16" TP CAP, AIRSPACE, 3/16" HS, .090" SG, 3/16" HS
6A	1" LAMI IG: 1/4" TP CAP, AIRSPACE, 3/16" HS, .090" SG, 3/16" HS

HS = HEAT STRENGTHENED
TP = TEMPERED
PVB = TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC.
SG = SENTRYGLAS PVB INTERLAYER BY KURARAY AMERICA, INC.

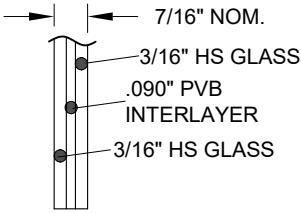
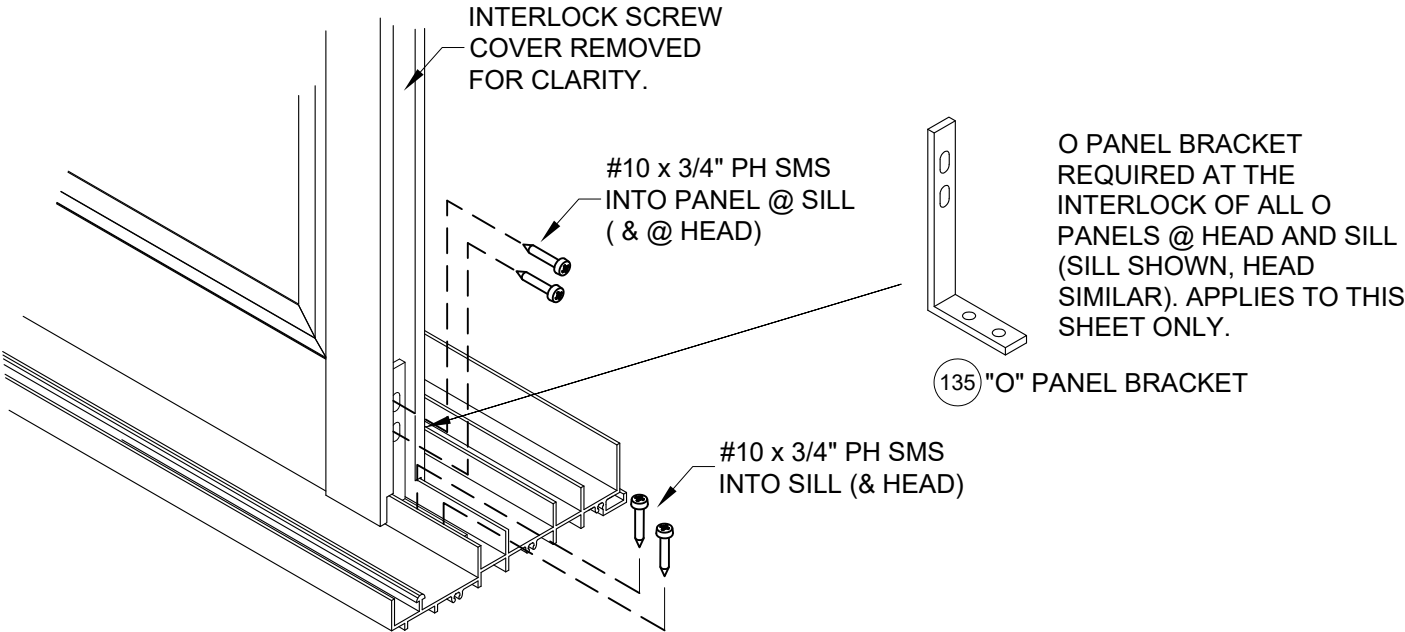


LAMI. GLAZING DETAIL

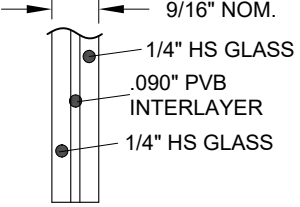


LAMI. IG GLAZING DETAIL

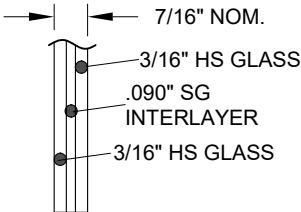
FIXED PANEL BRACKET
INSTALLATION



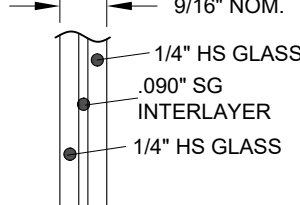
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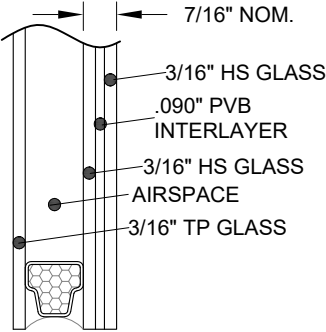
GLASS TYPE 3A



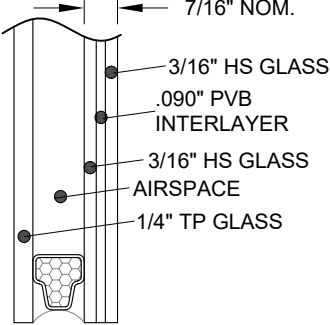
GLASS TYPE 4



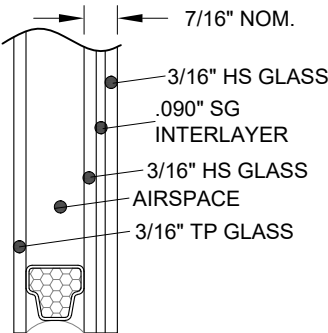
GLASS TYPE 4A
1" NOM. GLASS STACK



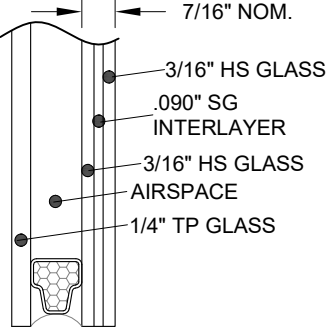
GLASS TYPE 5
1" NOM. GLASS STACK



GLASS TYPE 5A
1" NOM. GLASS STACK



GLASS TYPE 6
1" NOM. GLASS STACK



GLASS TYPE 6A
1" NOM. GLASS STACK

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PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	DATE 07/07/26	BY JENS ROSOWSKI	GLAZING DETAILS	4 OF 21	SGD770NS-W

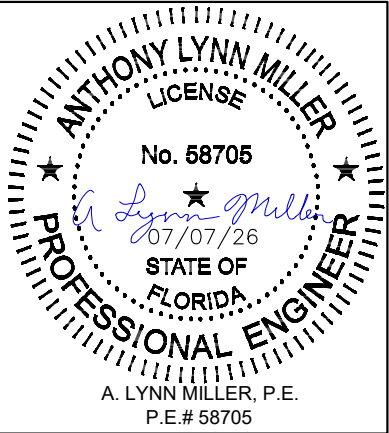


TABLE 1:

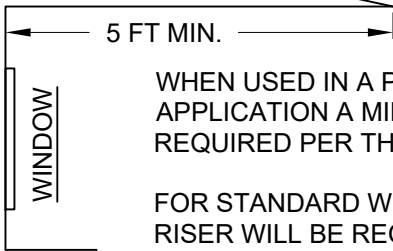
Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)																				+60 / -60 psf			
For corner astragal anchorage on 90° or 135° corner units, see sheet 10																							
Table applies to: Glass Types 3, 3A, 5, & 5A. No reinf. required; see detail "M2", page 18 Pos. (+) DP may be limited by Table 1A.				Door Unit Height																			
				80"				84"				90"				96"				98"			
				69-7/8" DLO				73-7/8" DLO				79-7/8" DLO				85-7/8" DLO				87-7/8" DLO			
				Anchor Group				Anchor Group				Anchor Group				Anchor Group				Anchor Group			
				A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
Nominal Panel Width (in)	24"	19-1/4" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
			Jamb	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
			P-hook	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	30"	25-1/4" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
			Jamb	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6
			P-hook	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	36"	31-1/4" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
			Jamb	6	6	6	6	6	6	6	6	6	6	6	8	6	6	6	8	6	6	6	6
			P-hook	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	42"	37-1/4" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
			Jamb	6	6	6	6	6	6	6	8	6	6	6	8	6	6	6	8	6	6	6	6
			P-hook	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	47"	42-1/4" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
			Jamb	8	6	6	6	8	6	6	6	8	6	6	6	8	8	6	6	10	8	6	6
			P-hook	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	
	48"	43-1/4" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1				
			Jamb	8	6	6	6	8	6	6	6	8	6	6	6	8	8	6	6				
			P-hook	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8				

FOR EXAMPLE ON USING TABLE, SEE SHEET 8.

NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 1 AND TABLE 1A DETERMINES THE WATER LIMITED (+) DP. WATER TEST PRESSURE IS 15% OF THAT VALUE.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED; IN THAT CASE, +DP'S SHOWN IN TABLE 1 MAY BE USED.
- 3) SEE SILL RISER TYPES ON SHEET 16. SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 4) REFER TO ANCHOR NOTES, SHEET 1 & ENCLOSED SHEETS FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 5) DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
- 6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

FIG 1:



WHEN USED IN A PASS-THROUGH WINDOW APPLICATION A MIN. 5-FT OVERHANG IS REQUIRED PER THE CURRENT BUILDING CODE.

FOR STANDARD WINDOW APPLICATION, A SILL RISER WILL BE REQUIRED TO MEET THE WATER INFILTRATION REQUIREMENT.

GLASS WIDTH = NOMINAL PANEL WIDTH - 3.25"
DLO WIDTH = NOM. PANEL WIDTH - 4.75"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10.125"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1.866"

TABLE 1A:

Sill Height to Max. (+) DP (Water Infiltration Rating)	
Sill Riser Height (Flat or Box, see Sheet 16)	(+) Design Pressure, psf
Flush - 1-1/2"	see note 2
Low - 2-1/2"	+ 46.67
Medium - 3-1/4"	+ 60.0
High - 4"	+ 60.0

SEE NOTES BELOW

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DP & ANCHORAGE		SGD770NS-W		By	JENS ROSOWSKI
5 OF 21		SGD770W-LM-HVHZ-NS		DWG No.	
Sheet		Title		Series	

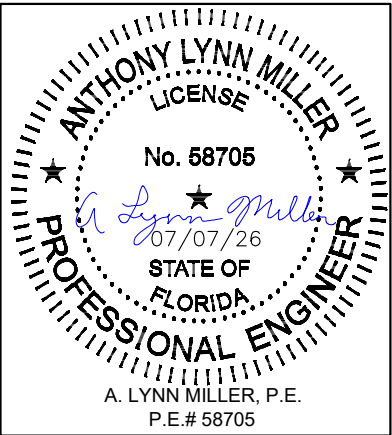


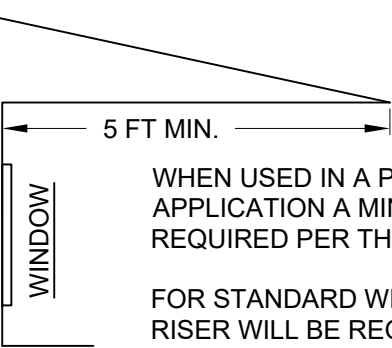
TABLE 2:

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)																			
For corner astragal anchorage on 90° or 135° corner units, see sheet 10																			
Table applies to: Glass Types 4, 4A, 6, & 6A. Reinf. required; see detail "M1", page 18 Pos. (+) DP may be limited by Table 2A.				Window Unit Height (in)															
				80"				84"				90"				96"			
				69-7/8" DLO				73-7/8" DLO				79-7/8" DLO				85-7/8" DLO			
				Anchor Group				Anchor Group				Anchor Group				Anchor Group			
				A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
Nominal Panel Width (in)	24"	19-1/4" DLO	Design Pressure	For these sizes: see table 3 on sheet 8															
			Head/Sill																
			Jamb																
			P-hook																
	30"	25-1/4" DLO	Design Pressure																
			Head/Sill																
			Jamb																
			P-hook																
	36"	31-1/4" DLO	Design Pressure																
			Head/Sill																
			Jamb																
			P-hook																
	42"	37-1/4" DLO	Design Pressure																
			Head/Sill																
			Jamb																
			P-hook																
	48"	43-1/4" DLO	Design Pressure																
			Head/Sill																
			Jamb																
			P-hook																
	54"	49-1/4" DLO	Design Pressure	+/-90.0 psf				+/-89.8 psf				+/-81.3 psf				+/-74.2 psf			
			Head/Sill	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	
			Jamb	12	8	6	6	12	10	8	6	12	10	8	6	12	10	8	8
			P-hook	7+8	7+8	7+8	7+8	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9
	60"	55-1/4" DLO	Design Pressure	+/-90.0 psf				+/-85.3 psf				+/-76.8 psf				+/-69.8 psf			
			Head/Sill	C5+3	C5+3	C5+3	C5+3	C5+3	C5+3	C5+2	C5+2	C5+2	C5+2	C4+2	C4+2	C4+2	C4+2	C4+2	C4+2
			Jamb	12	10	8	6	12	10	8	6	10	8	6	6	10	8	8	8
			P-hook	8+9	8+9	8+9	8+9	8+9	8+9	8+9	8+9	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8

FOR EXAMPLE ON USING TABLE, SEE SHEET 8.

- NOTES:
- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 2 AND TABLE 2A DETERMINES THE WATER LIMITED (+) DP. WATER TEST PRESSURE IS 15% OF THAT VALUE.
 - 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED; IN THAT CASE, +DP'S SHOWN IN TABLE 2 MAY BE USED.
 - 3) SEE SILL RISER TYPES ON SHEET 16. SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.
 - 4) REFER TO ANCHOR NOTES, SHEET 1 & ENCLOSED SHEETS FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
 - 5) DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
 - 6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

FIG 1:



WHEN USED IN A PASS-THROUGH WINDOW APPLICATION A MIN. 5-FT OVERHANG IS REQUIRED PER THE CURRENT BUILDING CODE.

FOR STANDARD WINDOW APPLICATION, A SILL RISER WILL BE REQUIRED TO MEET THE WATER INFILTRATION REQUIREMENT.

GLASS WIDTH = NOMINAL PANEL WIDTH - 3.25"
DLO WIDTH = NOM. PANEL WIDTH - 4.75"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10.125"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1.866"

TABLE 2A:

Sill Height to Max. (+) DP (Water Infiltration Rating)	
Sill Riser Height (Flat or Box, see Sheet 16)	(+) Design Pressure, psf
Flush - 1-1/2"	see note 2
Low - 2-1/2"	+ 46.67
Medium - 3-1/4"	+ 60.0
High - 4"	+ 60.0

SEE NOTES BELOW

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PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		By	JENS ROSOWSKI
ALUMINUM SLIDING GLASS WINDOW		DP & ANCHORAGE		DWG No.	SGD770W-LM-HVHZ-NS
SGD770NS-W		6 OF 21		Sheet	

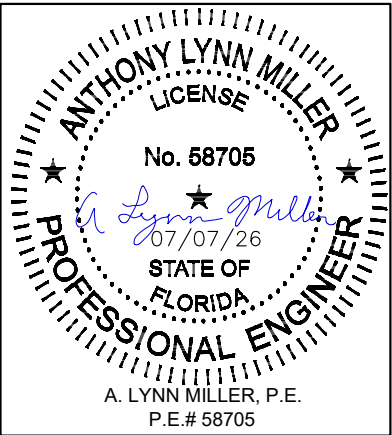


TABLE 3:

Design Pressure (DP) and Anchor Quantities Required, (for all approved configurations on Sheets 2 & 3)																+90 / -90 psf			
For corner astragal anchorage on 90° or 135° corner units, see sheet 10																			
Table applies to: Glass Types 4, 4A, 6, & 6A. No reinf. required; see detail "M2", page 18 Pos. (+) DP may be limited by Table 3A.				Door Unit Height															
				80"				84"				90"				96"			
				69-7/8" DLO				73-7/8" DLO				79-7/8" DLO				85-7/8" DLO			
				Anchor Group				Anchor Group				Anchor Group				Anchor Group			
				A	B	C	D	A	B	C	D	A	B	C	D	A	B	C	D
Nominal Panel Width	24"	19-1/4" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
			P-hook	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	30"	25-1/4" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1
			Jamb	8	8	8	8	8	8	8	8	8	8	8	8	10	8	8	8
			P-hook	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	36"	31-1/4" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C5+1	C5+1	C4+1	C4+1
			Jamb	8	8	8	8	10	8	8	8	10	8	8	8	10	8	8	8
			P-hook	6+7	6+7	6+7	6+7	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8
	42"	37-1/4" DLO	Head/Sill	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C4+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1	C5+1
			Jamb	10	8	8	8	10	8	8	8	12	8	8	8	12	10	8	8
			P-hook	6+7	6+7	6+7	6+7	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	8+9	8+9	8+9	8+9
	48"	43-1/4" DLO	Head/Sill	C5+2	C5+2	C4+2	C4+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C5+2	C6+2	C6+2	C5+2	C5+2
			Jamb	10	8	8	8	12	8	8	8	12	10	8	8	14	10	8	8
			P-hook	7+8	7+8	7+8	7+8	7+8	7+8	7+8	7+8	8+9	8+9	8+9	8+9	9+10	9+10	9+10	9+10

FOR EXAMPLE ON USING TABLE, SEE SHEET 8.

TABLE 3A:

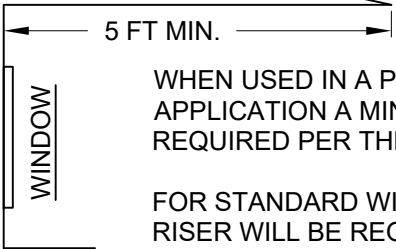
Sill Height to Max. (+) DP (Water Infiltration Rating)	
Sill Riser Height (Flat or Box, see Sheet 16)	(+) Design Pressure, psf
Flush - 1-1/2"	see note 2
Low - 2-1/2"	+ 46.67
Medium - 3-1/4"	+ 60.0
High - 4"	+ 90.0

SEE NOTES BELOW

NOTES:

- 1) IF WATER INFILTRATION RESISTANCE IS REQUIRED, THE LESSER VALUES OF EITHER TABLE 3 AND TABLE 3A DETERMINES THE WATER LIMITED (+) DP. WATER TEST PRESSURE IS 15% OF THAT VALUE.
- 2) IF WATER INFILTRATION RESISTANCE IS NOT REQUIRED OR OVERHANG IS PER FIG 1, A SILL RISER IS NOT REQUIRED; IN THAT CASE, +DP'S SHOWN IN TABLE 3 MAY BE USED.
- 3) SEE SILL RISER TYPES ON SHEET 16. SHEET APPLIES TO 2, 3 AND 4 TRACK CONFIGURATIONS.
- 4) REFER TO ANCHOR NOTES, SHEET 1 & ENCLOSED SHEETS FOR ANCHORAGE SPACING, EDGE DISTANCE AND EMBEDMENT INFORMATION.
- 5) DOOR SIZE TO COMPLY WITH CURRENT FBC EGRESS REQUIREMENTS WHEN REQUIRED.
- 6) JAMB ANCHORS ARE SPECIFIED AS THE TOTAL QUANTITY, DIVIDE BY 2 FOR PAIRS TO BE INSTALLED.

FIG 1:

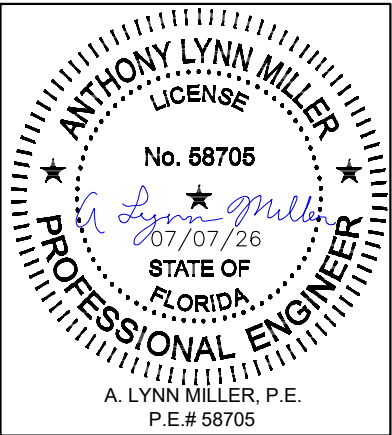


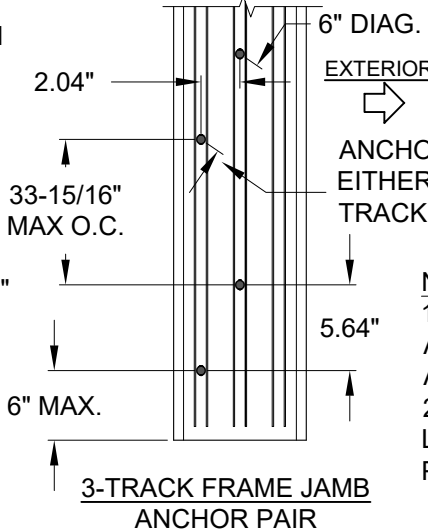
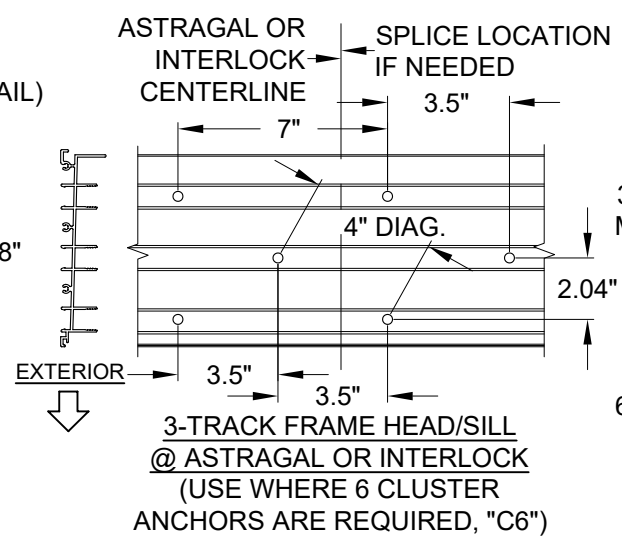
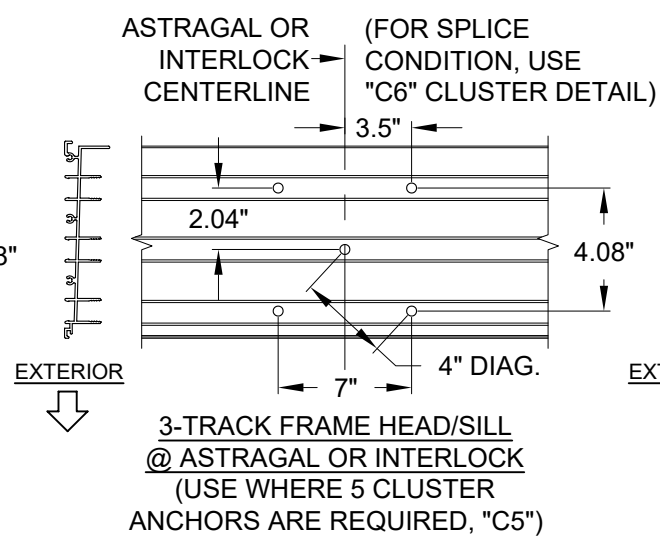
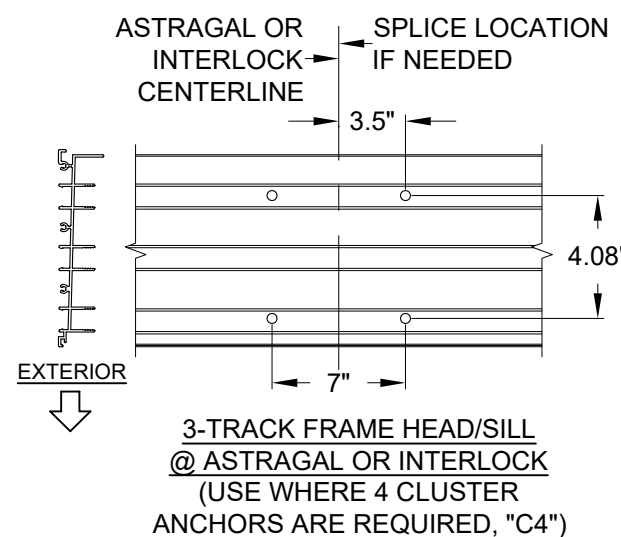
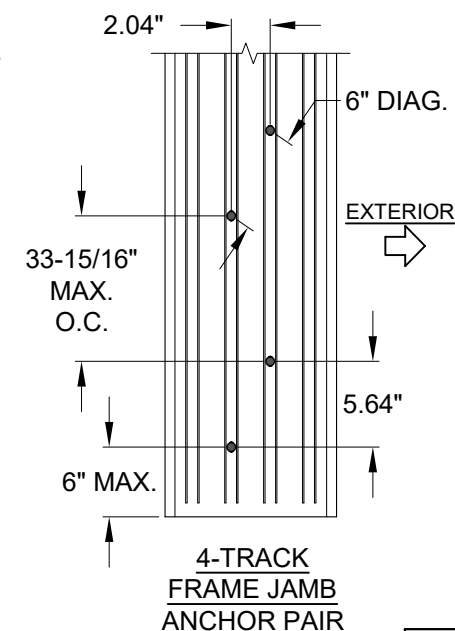
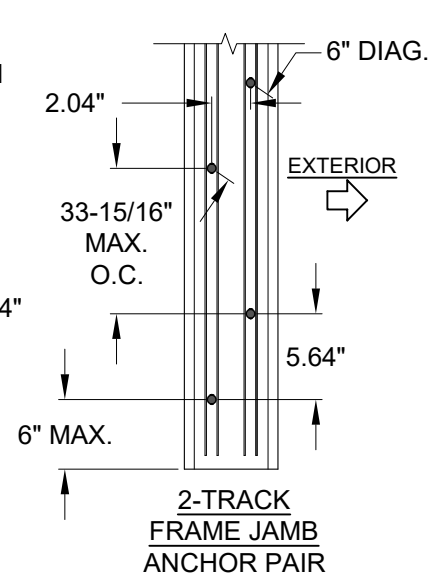
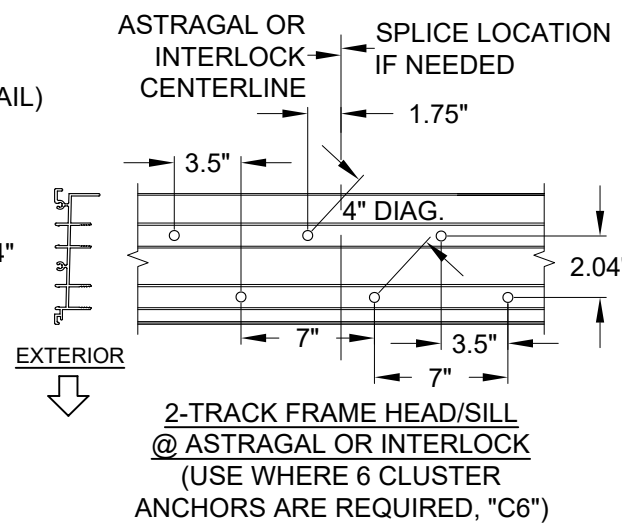
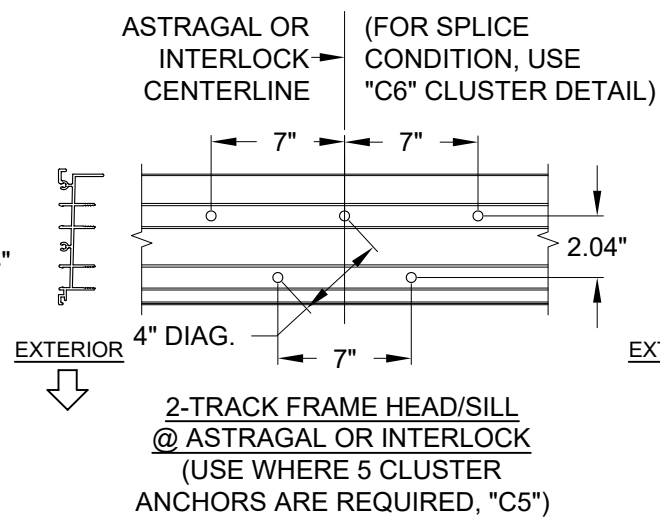
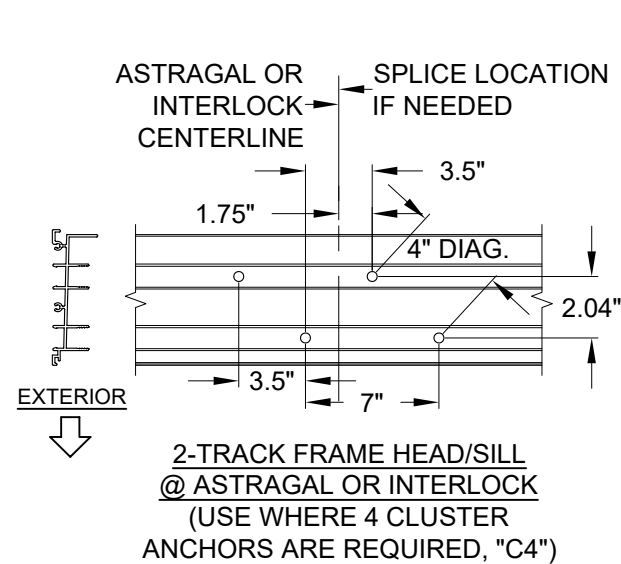
WHEN USED IN A PASS-THROUGH WINDOW APPLICATION A MIN. 5-FT OVERHANG IS REQUIRED PER THE CURRENT BUILDING CODE.

FOR STANDARD WINDOW APPLICATION, A SILL RISER WILL BE REQUIRED TO MEET THE WATER INFILTRATION REQUIREMENT.

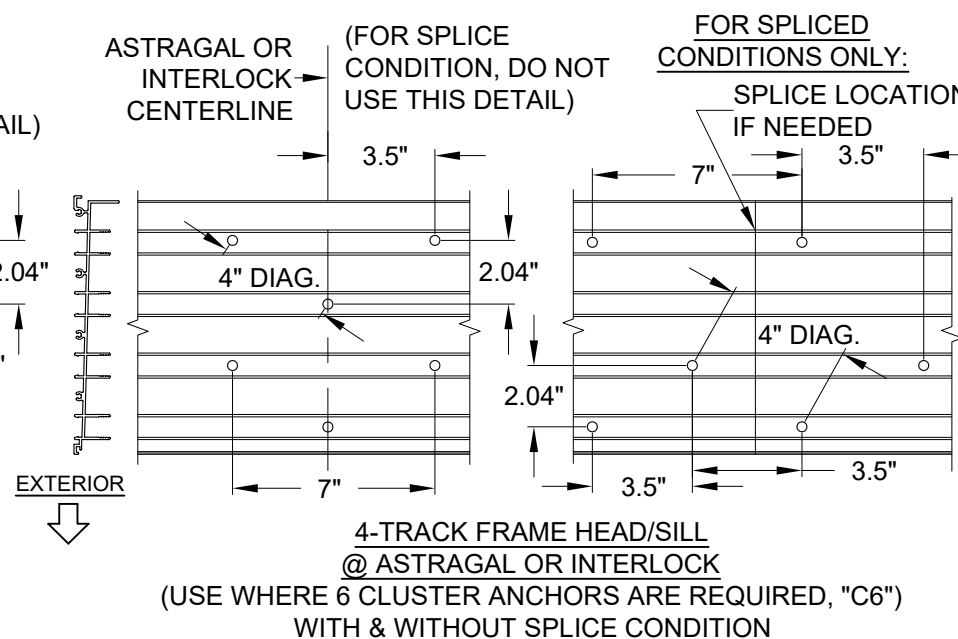
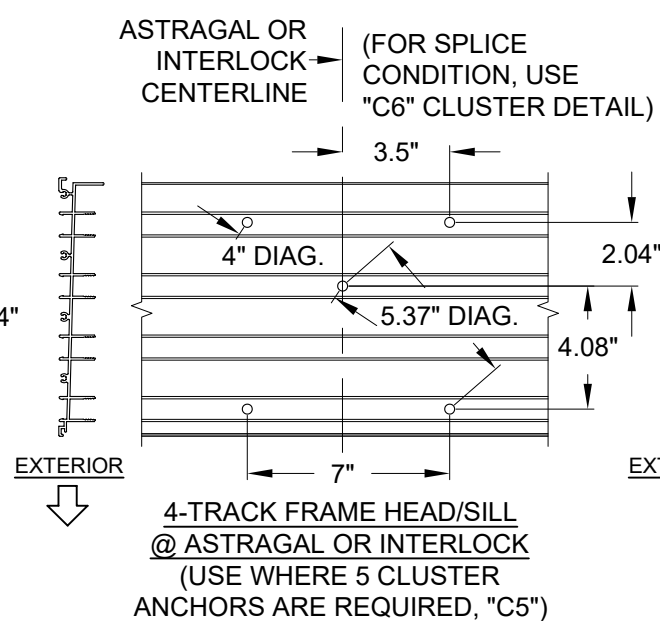
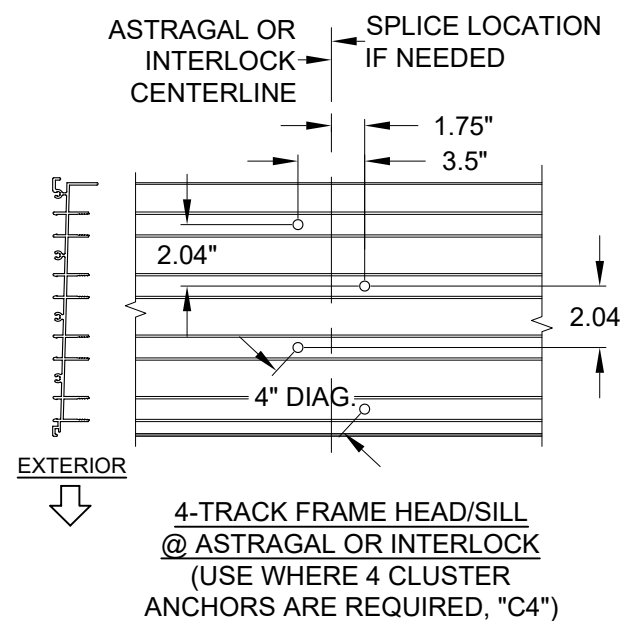
GLASS WIDTH = NOMINAL PANEL WIDTH - 3.25"
DLO WIDTH = NOM. PANEL WIDTH - 4.75"
DLO HEIGHT = WINDOW UNIT HEIGHT - 10.125"
PANEL HEIGHT = WINDOW UNIT HEIGHT - 1.866"

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ALUMINUM SLIDING GLASS WINDOW		DP & ANCHORAGE		DWG No.	SGD770W-LM-HVHZ-NS
7 OF 21		Sheet		SGD770NS-W	

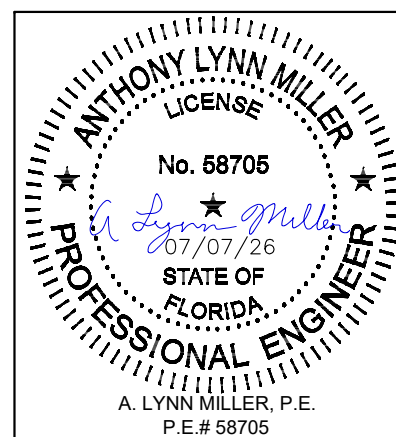


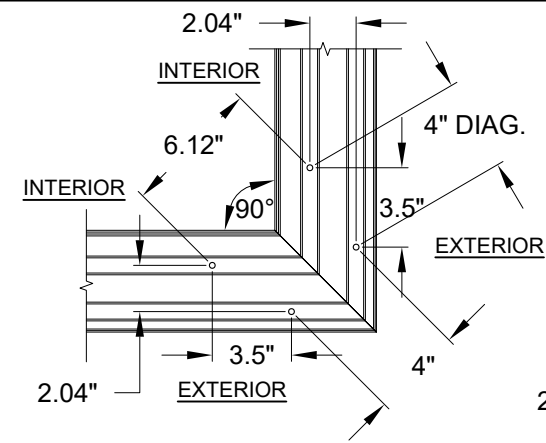


NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
2. FOR HEAD OR SILL SPLICE LOCATIONS/ANCHORAGE AT P-HOOK SEE SHEET 8.

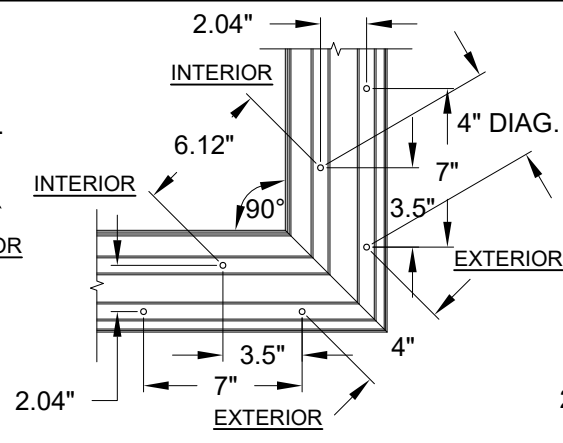


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	07/07/26		JENS ROSOWSKI		Date		

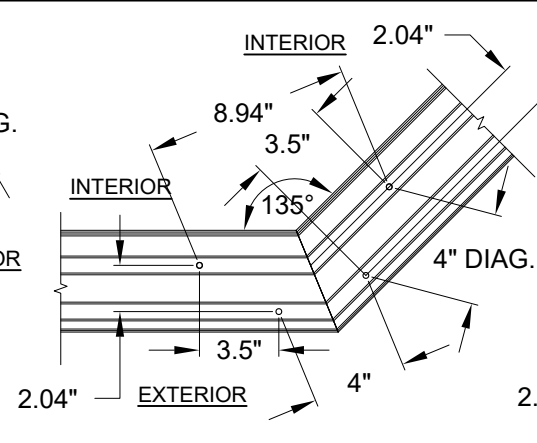




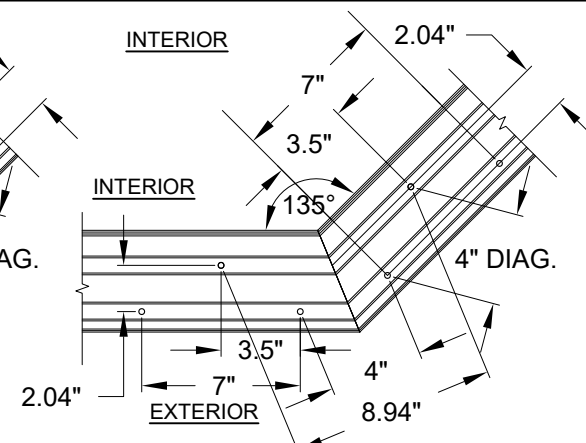
90° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED, "C4")



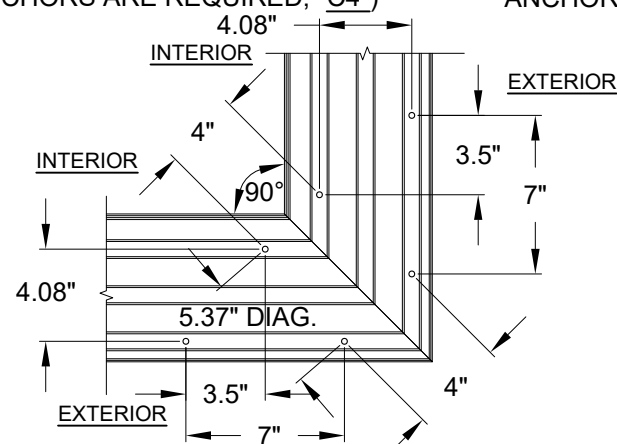
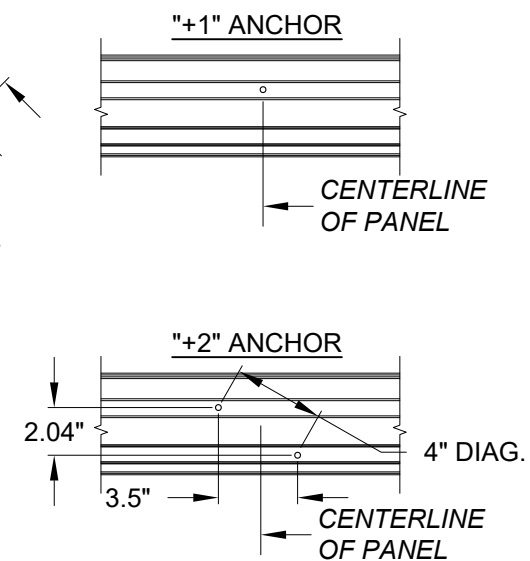
90° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 5 OR 6 CLUSTER
ANCHORS ARE REQUIRED, "C6")



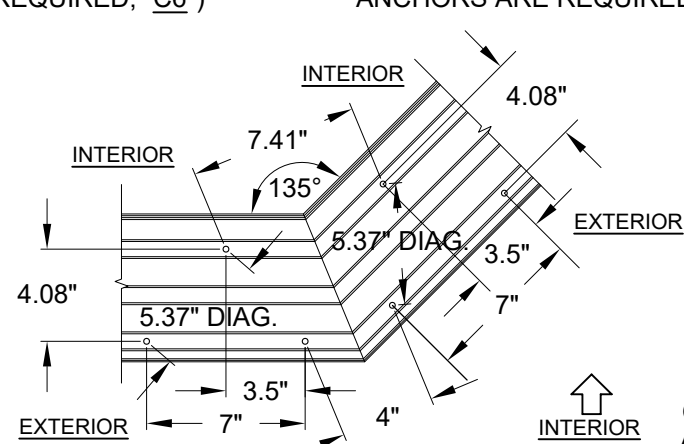
135° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 4 CLUSTER
ANCHORS ARE REQUIRED, "C4")



135° CORNER
2-TRACK FRAME HEAD/SILL
(USE WHERE 5 OR 6 CLUSTER
ANCHORS ARE REQUIRED, "C6")

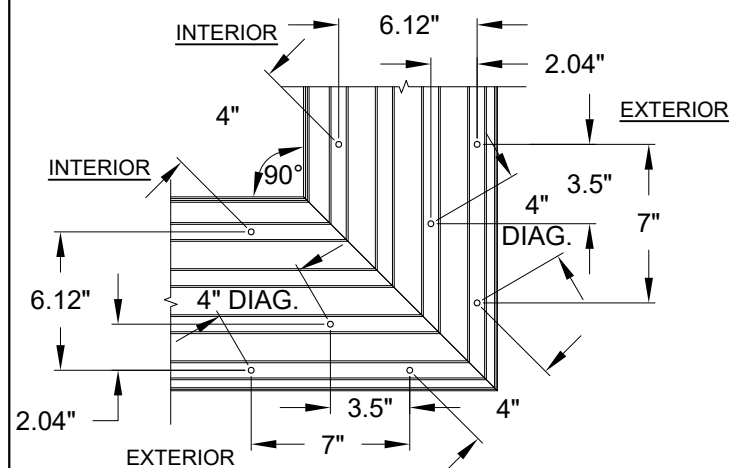


90° CORNER
3-TRACK FRAME HEAD/SILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 3-TRACK CORNERS)

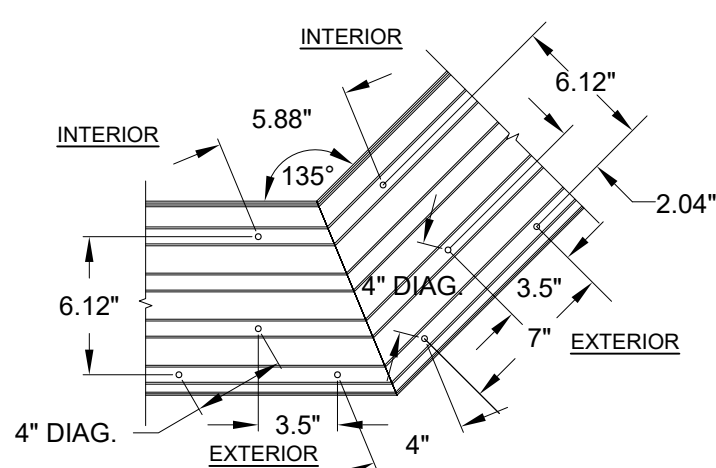


135° CORNER
3-TRACK FRAME HEAD/SILL
("C6" ANCHOR CLUSTER REQUIRED
AT ALL 3-TRACK CORNERS)

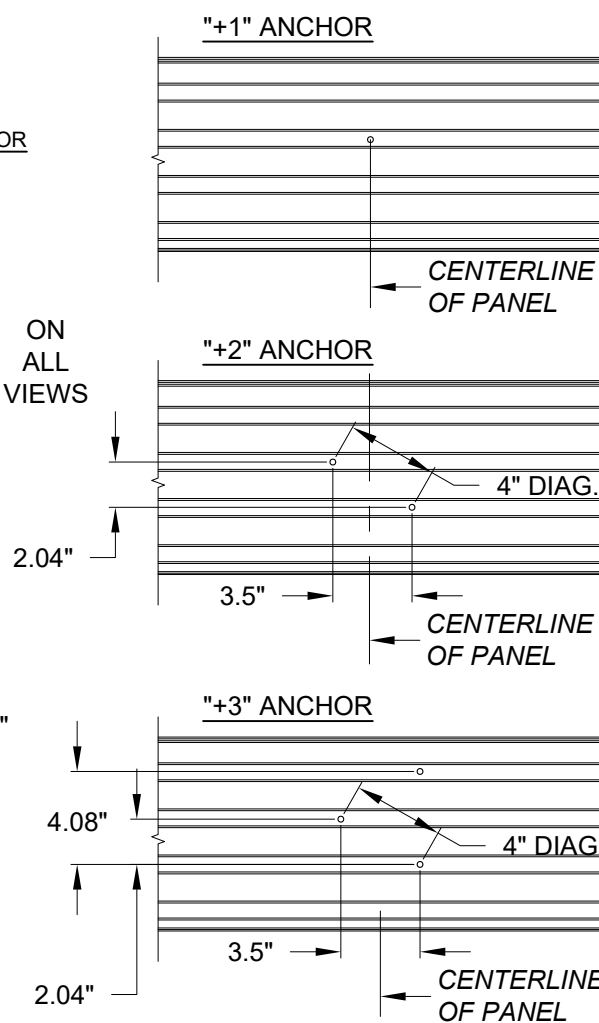
ON ALL VIEWS
↑ INTERIOR
↓ EXTERIOR



90° CORNER
4-TRACK FRAME HEAD/SILL
("C8" ANCHOR CLUSTER REQUIRED
AT ALL 4-TRACK CORNERS)



135° CORNER
4-TRACK FRAME HEAD/SILL
("C8" ANCHOR CLUSTER REQUIRED
AT ALL 4-TRACK CORNERS)

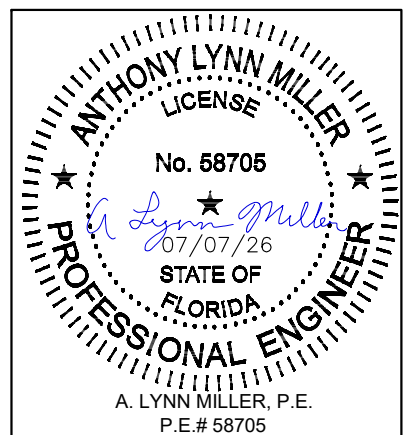


4-TRACK FRAME HEAD/SILL
INTERMEDIATE ANCHOR LAYOUT
(3-TRACK SIMILAR)

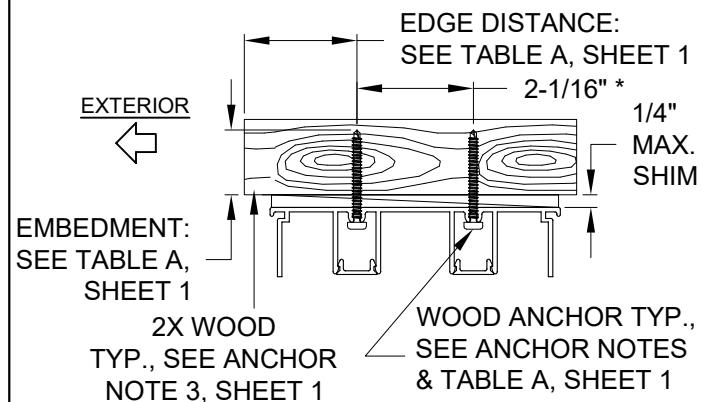
NOTES:

1. ALL DIMENSIONS SHOWN ARE BASED ON MINIMUM ALLOWED.
2. DETAILS DEPICT ANCHOR QUANTITY AND SPACING, AND WOULD BE IDENTICAL FOR EXTERIOR OR INTERIOR CORNER CONFIGURATIONS.

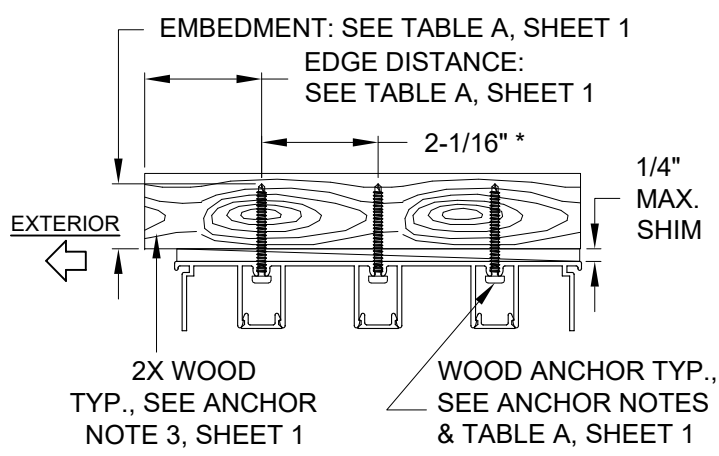
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PGT WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		ALUMINUM SLIDING GLASS WINDOW		ANCHORAGE - CLUSTERS		10 OF 21	
Series		Desc.		Title		Sheet		No.	
SGD770NS-W		ANCHORAGE - CLUSTERS		ALUMINUM SLIDING GLASS WINDOW		JENS ROSOWSKI		SGD770W-LM-HVHZ-NS	



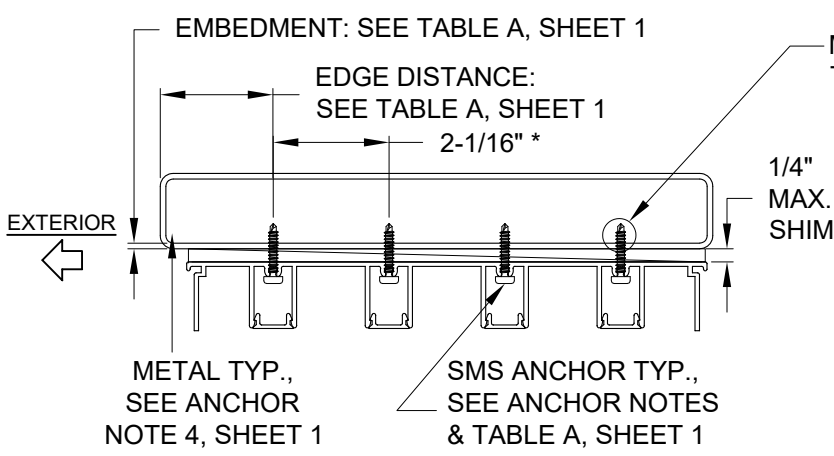
INSTALLATION DETAILS



DET Aw 2-TRACK FRAME HEAD
WOOD INSTALLATION



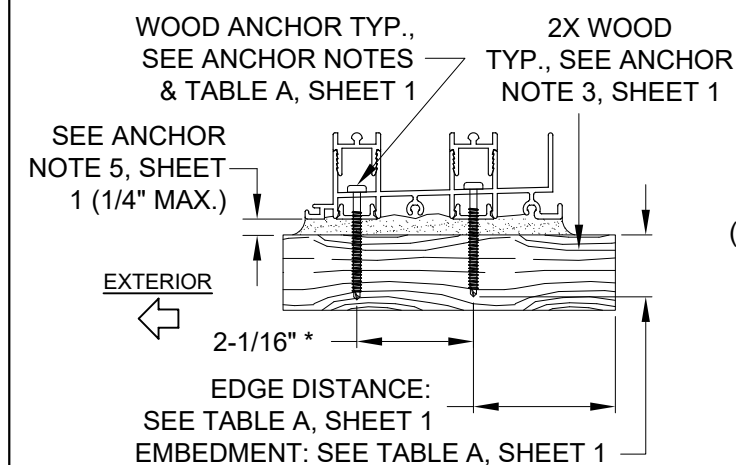
DET Bw 3-TRACK FRAME HEAD
WOOD INSTALLATION



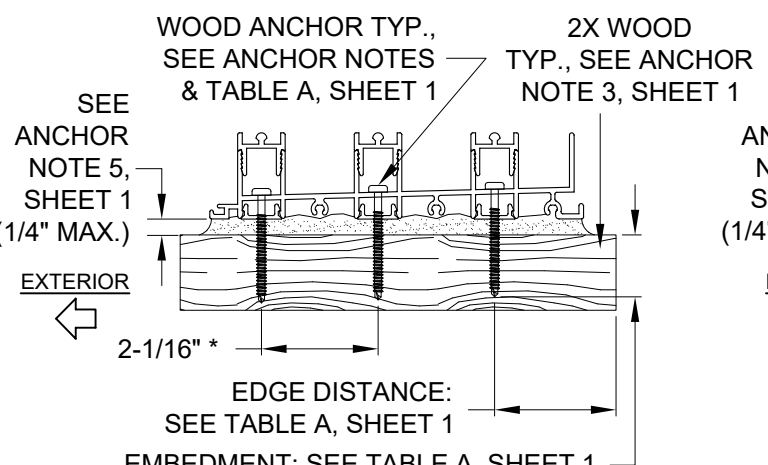
DET Cw 4-TRACK FRAME HEAD
METAL INSTALLATION

NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED
ON MIN. ALLOWED.
2. METAL OR WOOD SUBSTRATES MAY
BE USED FOR ALL FRAME TYPES PER
TABLE A, SHEET 1.

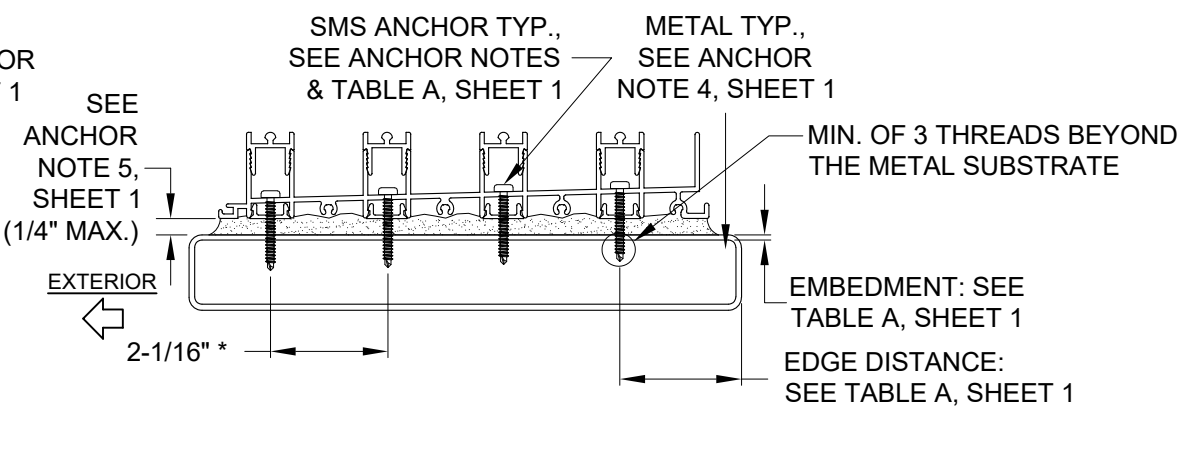
* DIAGONAL O.C. IS MIN 4" (HEAD & SILL)
OR 6" (JAMB) SEE DETAILS, SHEETS 9 & 10.



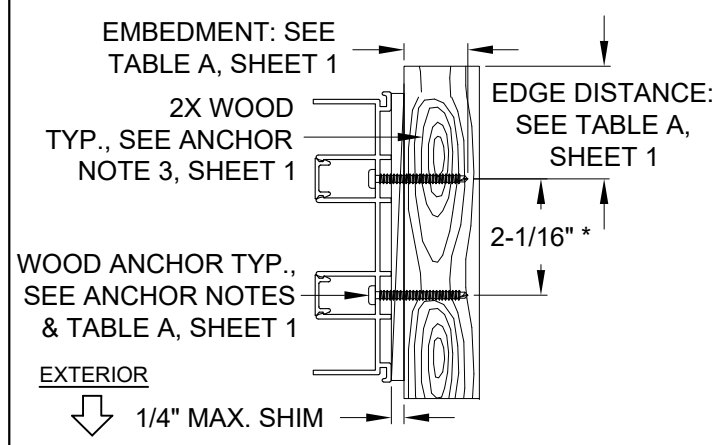
DET Dw 2-TRACK FRAME SILL
WOOD INSTALLATION



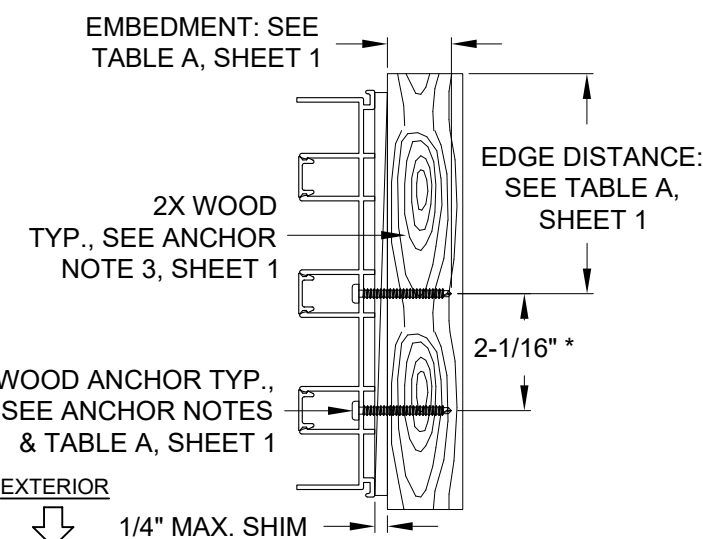
DET Ew 3-TRACK FRAME SILL
WOOD INSTALLATION



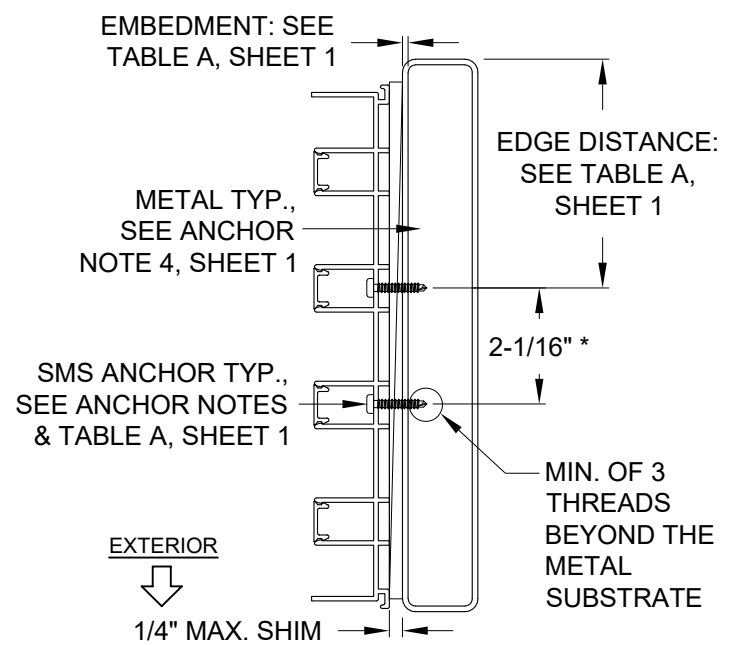
DET Fw 4-TRACK FRAME SILL
METAL INSTALLATION



DET Gw 2-TRACK FRAME JAMB
WOOD INSTALLATION



DET Hw 3-TRACK FRAME JAMB
WOOD INSTALLATION

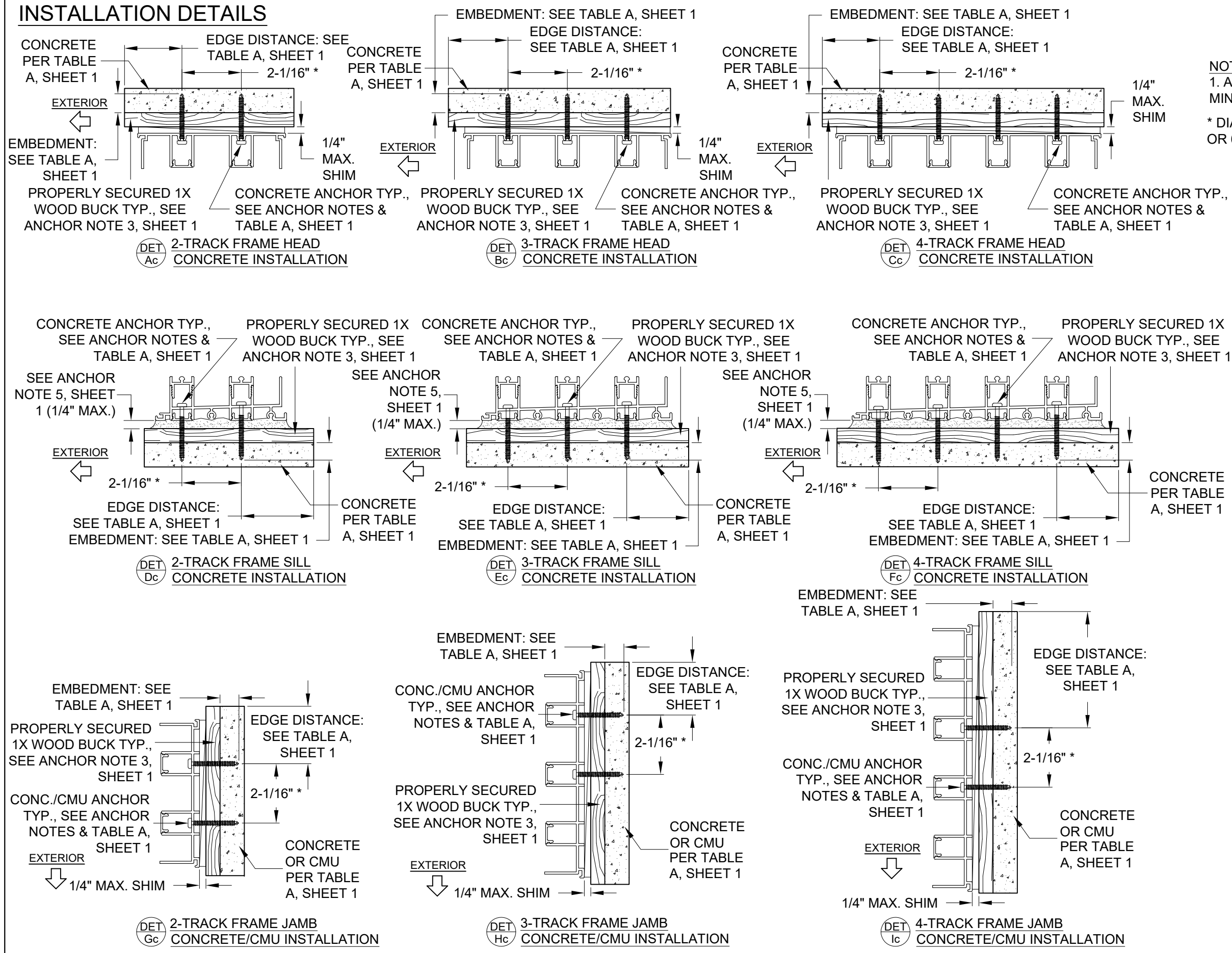


DET Iw 4-TRACK FRAME JAMB
METAL INSTALLATION

PGT WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	07/07/26	JENS ROSOWSKI	SGD770W-LM-HVHZ-NS
	ALUMINUM SLIDING GLASS WINDOW ANCHORAGE DETAILS	11 OF 21	SGD770NS-W	

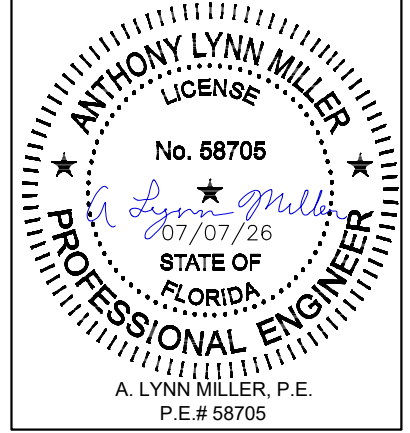
ANTHONY LYNN MILLER
LICENSE
No. 58705
07/07/26
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

INSTALLATION DETAILS

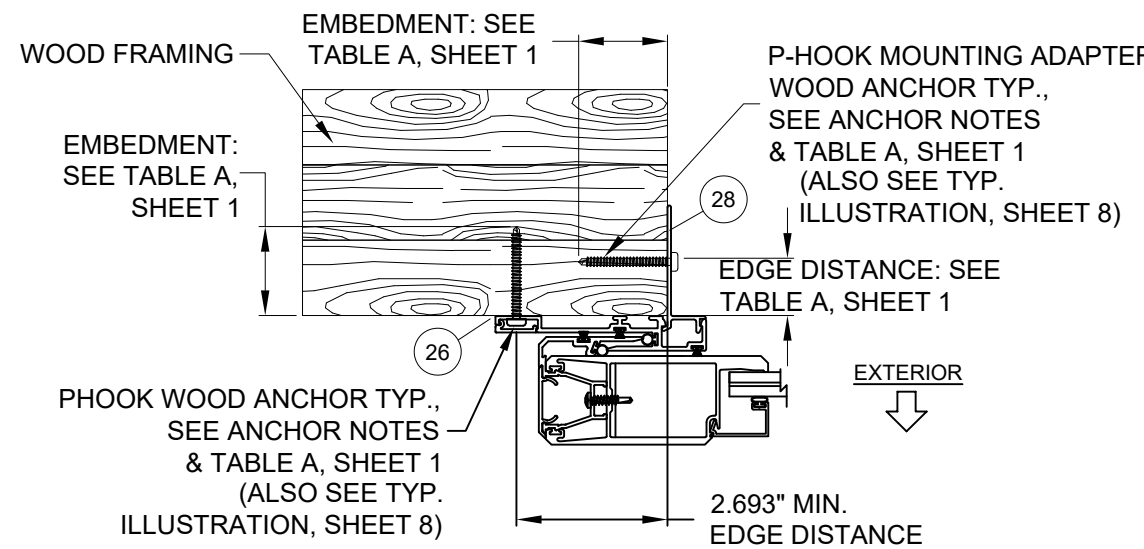


NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
* DIAGONAL O.C. IS MIN 4" (HEAD & SILL) OR 6" (JAMB) SEE DETAILS, SHEETS 9 & 10.

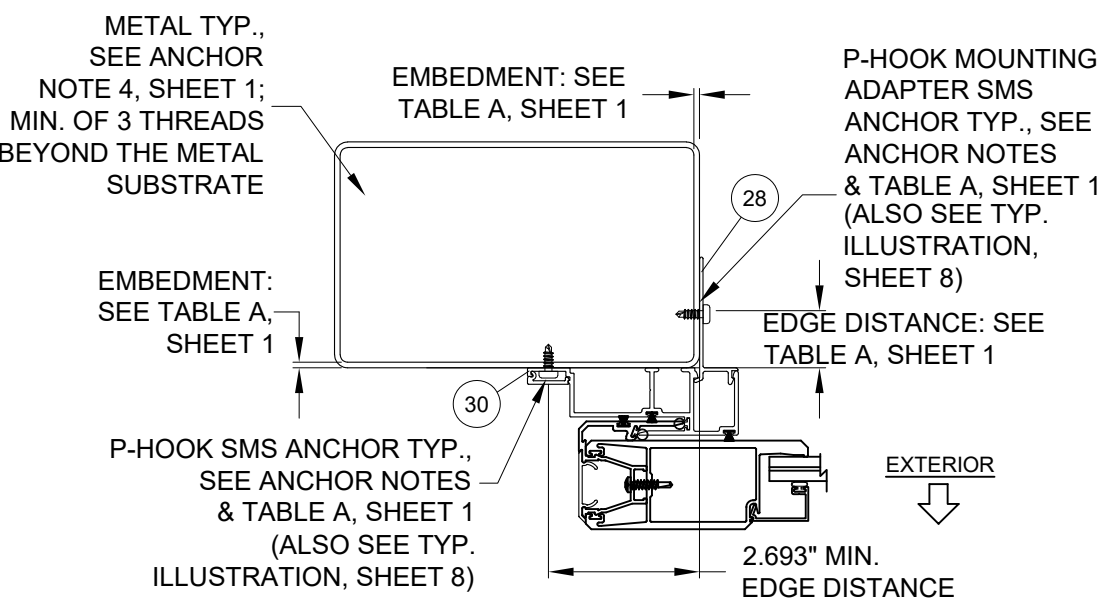
PREPARED BY A LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		07/07/26		JENS ROSOWSKI		SGD770W-LM-HVHZ-NS	
PGT® windows and doors		3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		ALUMINUM SLIDING GLASS WINDOW		12 OF 21	
ANCHORAGE DETAILS		SGD770NS-W		Sheet		Title		DWG	



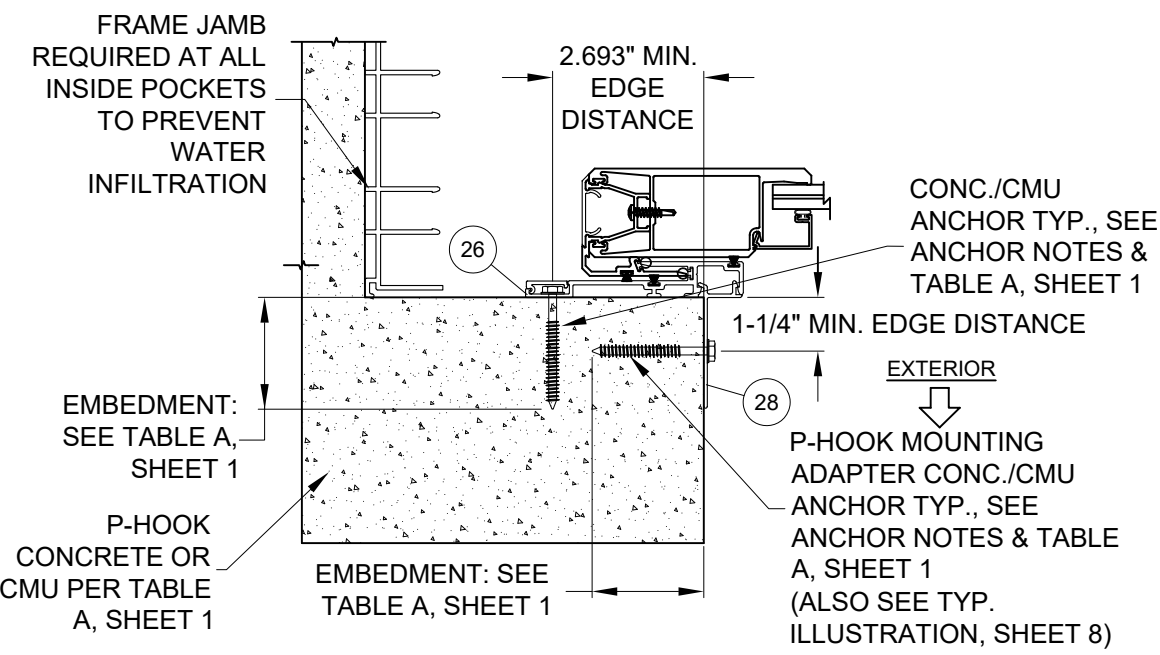
INSTALLATION DETAILS



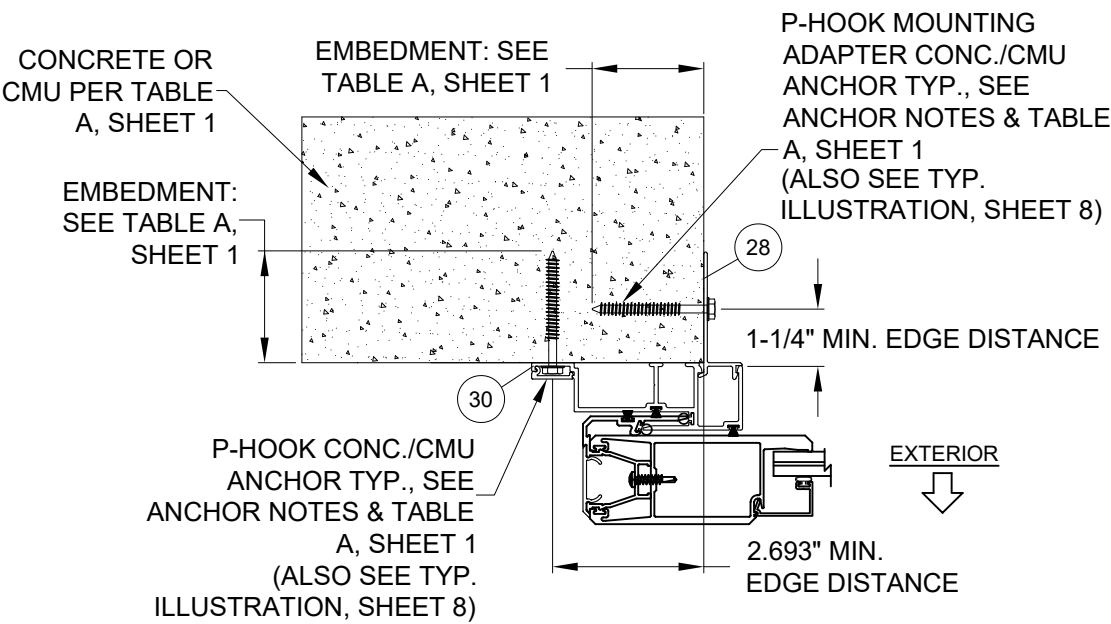
DET Jw P-HOOK FOR USE WITH FLAT SILL RISERS
PARTS #18, #20, #22 OR #24,
WOOD INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS) EXTERIOR MOUNT SHOWN,
MAY ALSO BE INSTALLED IN
INTERIOR CONDITION



DET Kw P-HOOK FOR USE WITH BOX SILL RISERS
PARTS #19, #21, #23 OR #25,
METAL INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS) EXTERIOR
MOUNT
ONLY



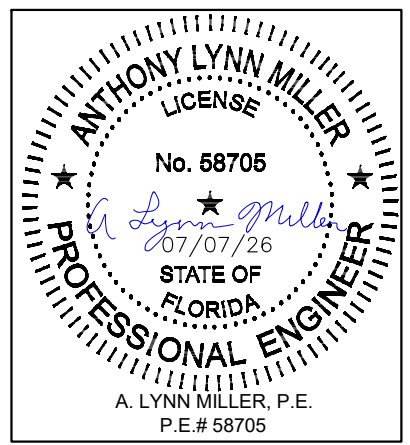
DET Jc P-HOOK FOR USE WITH ANY SILL RISER
PARTS #18, #20, #22 OR #24,
CONCRETE/CMU INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS) INTERIOR MOUNT SHOWN,
MAY ALSO BE INSTALLED IN
EXTERIOR CONDITION



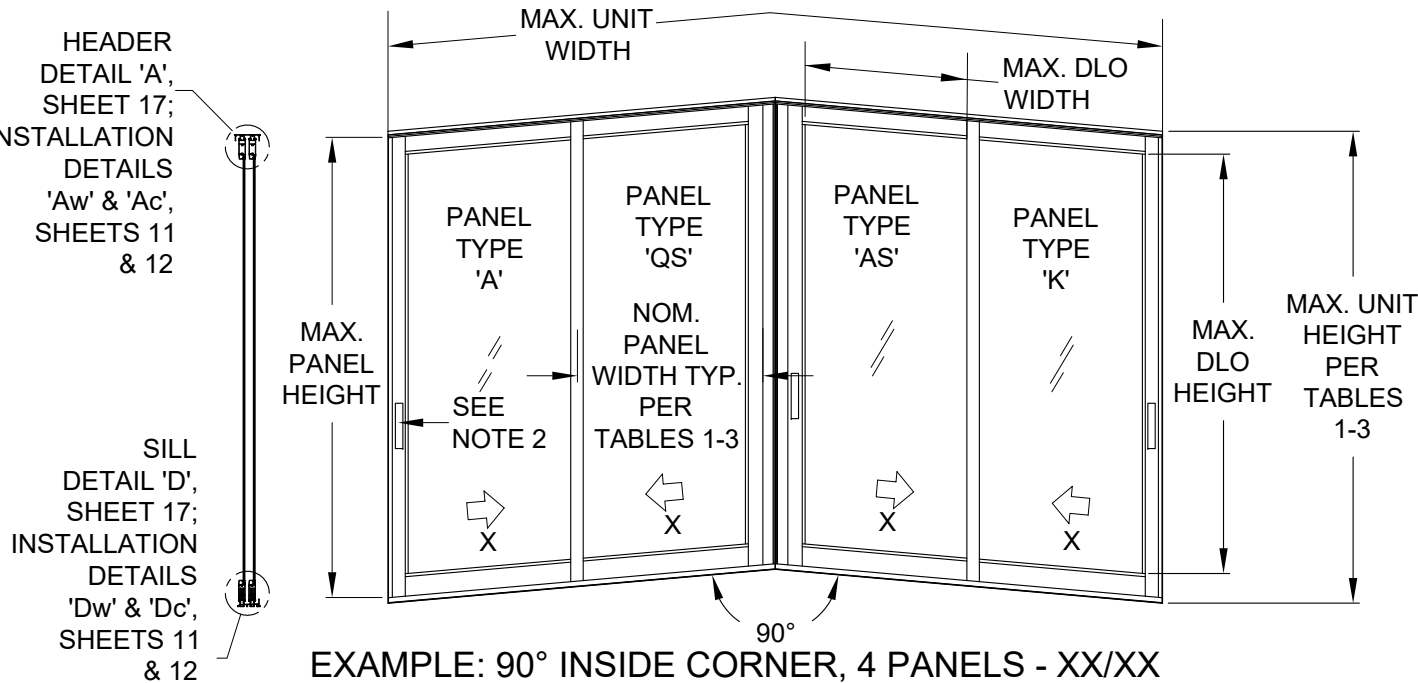
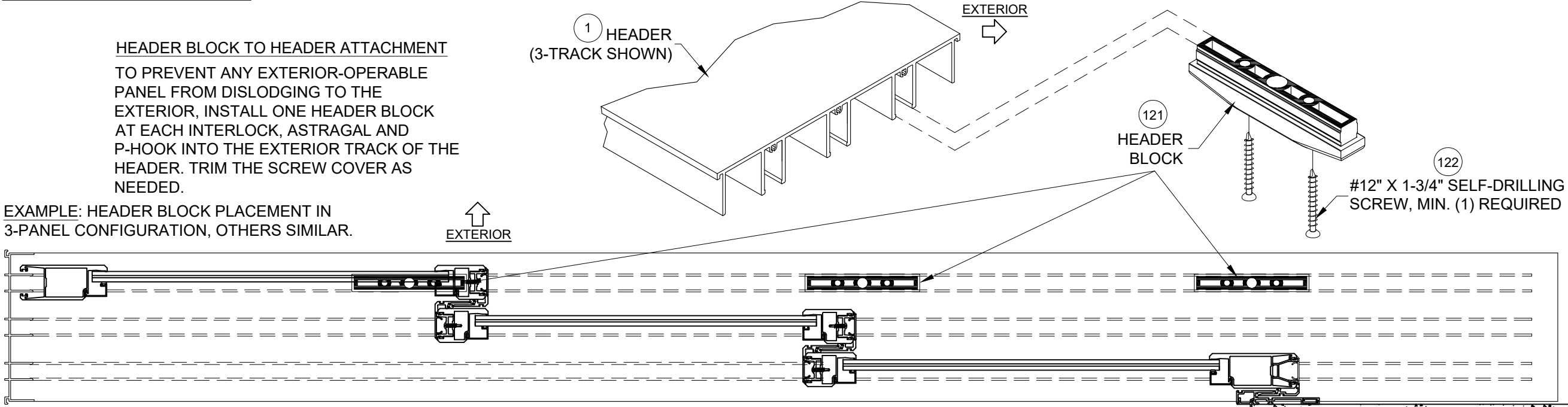
DET Kc P-HOOK FOR USE WITH BOX SILL RISERS
PARTS #19, #21, #23 OR #25,
CONCRETE INSTALLATION
(SEE TABLES 1A, 2A & 3A
FOR WATER RATINGS) EXTERIOR
MOUNT
ONLY

- NOTES:
1. ALL DIMENSIONS SHOWN ARE BASED ON MIN. ALLOWED.
 2. FIGURES ON THIS SHEET ARE FOR ILLUSTRATIVE PURPOSES ONLY. SEE TABLE A, SHEET 1 FOR ALL APPROVED SUBSTRATES.
 3. SEE TABES 1-3, SHEETS 5-7 FOR REQUIRED P-HOOK AND P-HOOK MOUNTING ADAPTER ANCHOR QUANTITIES. ALSO SEE EXAMPLE ON SHEET 8.

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PGT® windows and doors		3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		ALUMINUM SLIDING GLASS WINDOW		ANCHORAGE DETAILS	
Sheet		13 OF 21		Dwg No.		SGD770NS-W			
Title		Desc.		Series					



CONFIG. EXAMPLES



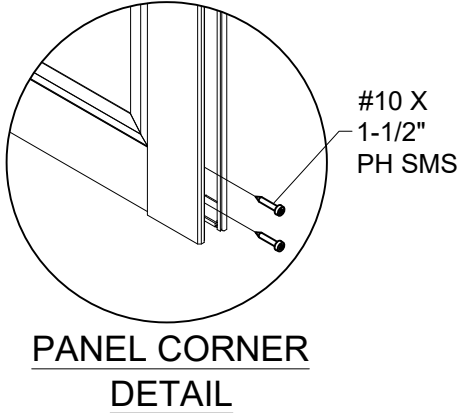
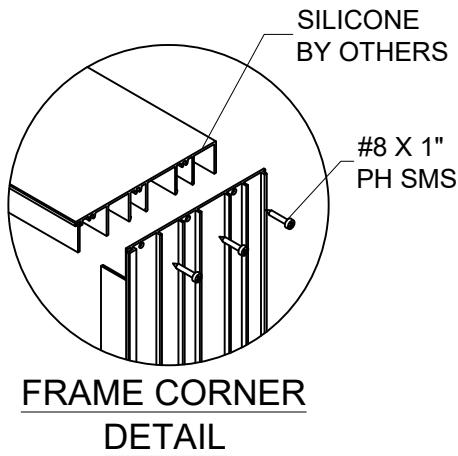
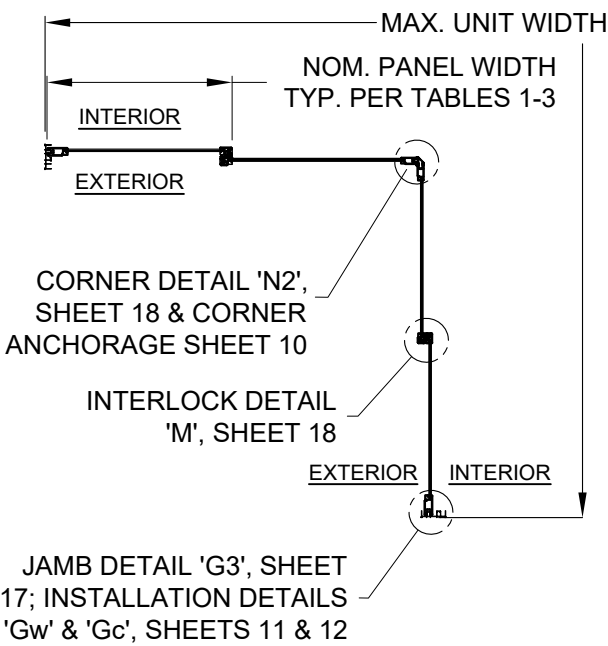
- NOTES:
- 1) SEE SHEET 16 FOR INDIVIDUAL PANEL CONFIGURATIONS AS APPLICABLE. SEE DP/ANCHOR TABLES, SHEETS 5-7 FOR MAX. PANEL HEIGHT AND WIDTH. SEE SHEETS 17 & 18 FOR SECTION DETAILS AND SHEETS 11-13 FOR INSTALLATION DETAILS.
- 2) (1) LOCK (ITEMS 75 & 107-110) AT EACH LOCKSTILE, LOCKING INTO KEEPER (ITEM 103) AT FRAME JAMB OR ASTRAGAL.
- 3) PLEASE SEE APPLICABLE REINFORCEMENT PER DP/ANCHOR TABLES.

GLASS WIDTH = NOMINAL PANEL WIDTH - 3.25"

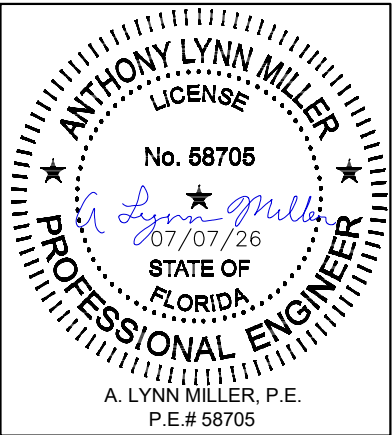
DLO WIDTH = NOM. PANEL WIDTH - 4.75"

DLO HEIGHT = WINDOW UNIT HEIGHT - 10.125"

PANEL HEIGHT = WINDOW UNIT HEIGHT - 1.866"

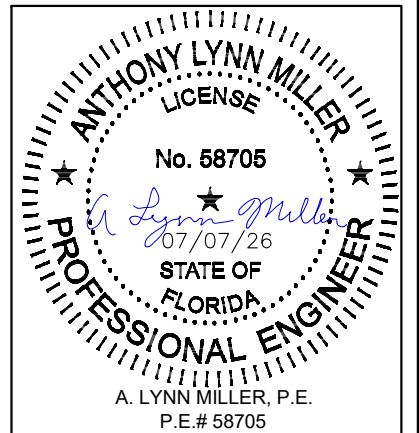
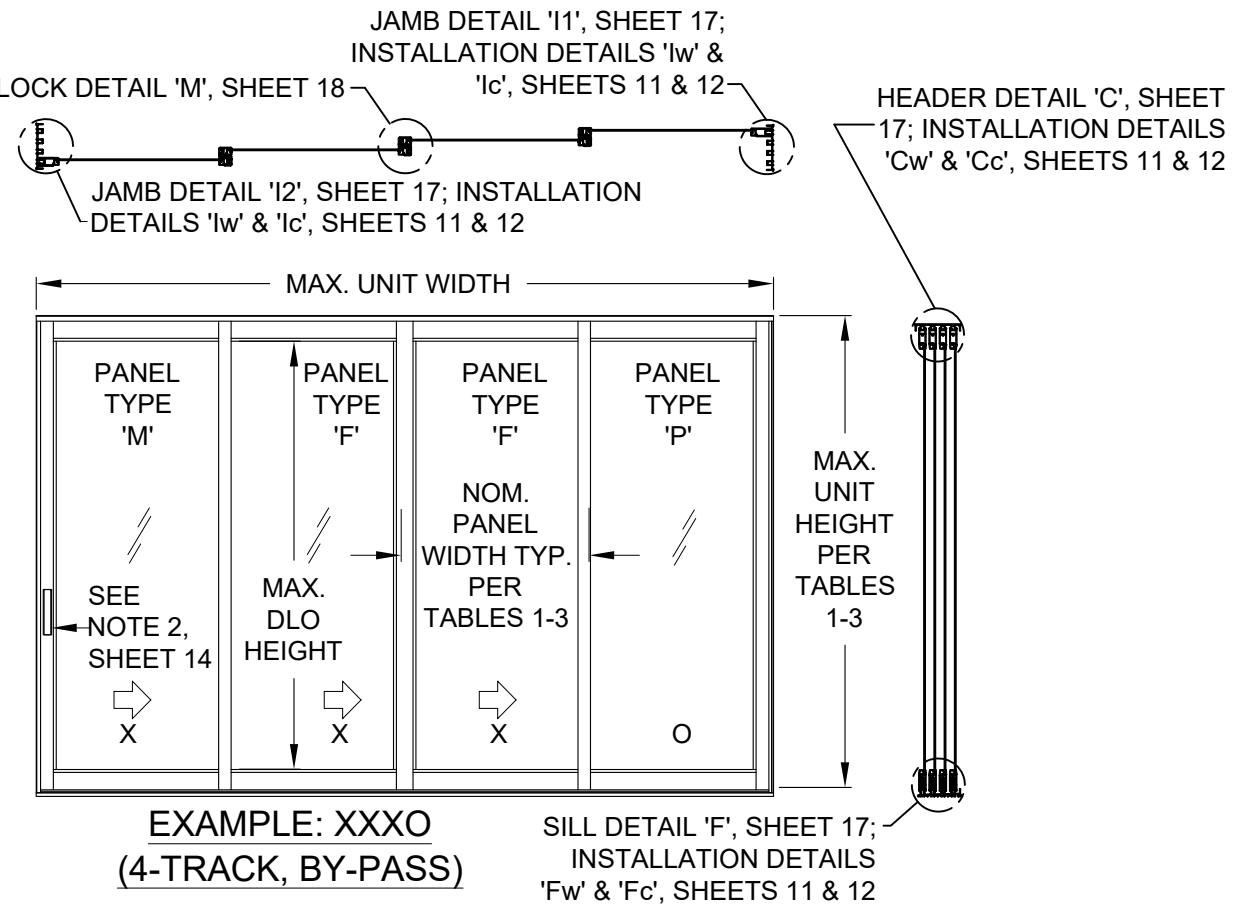
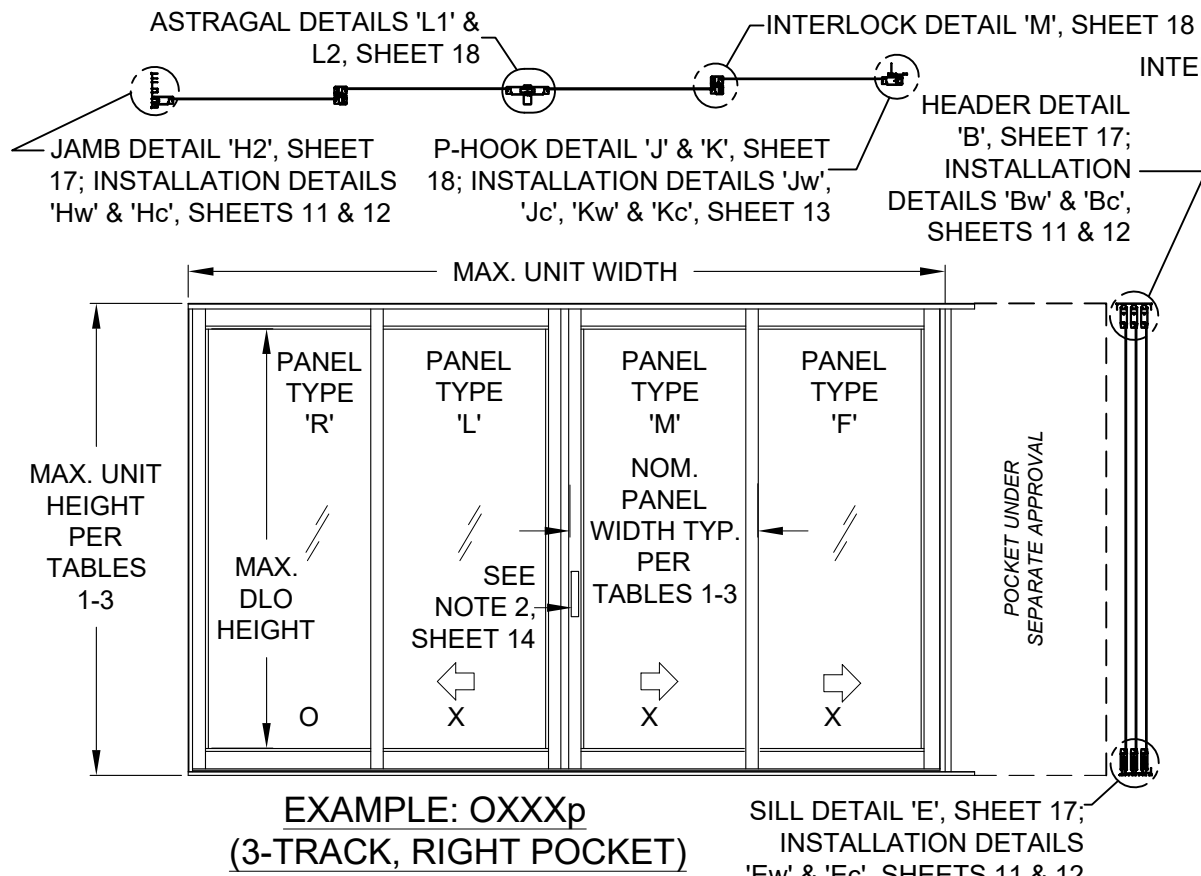
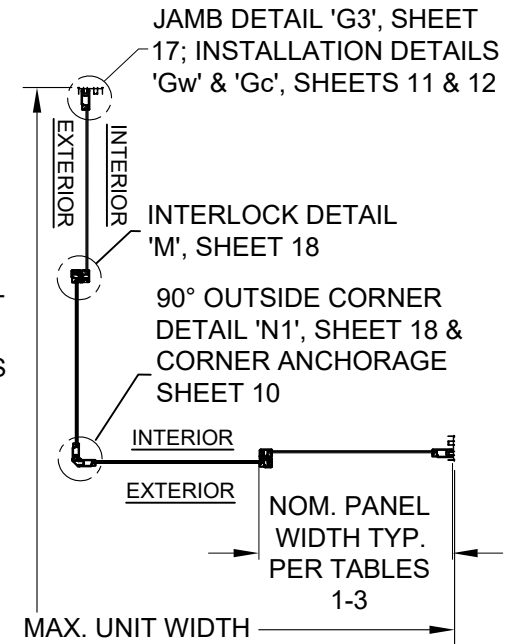
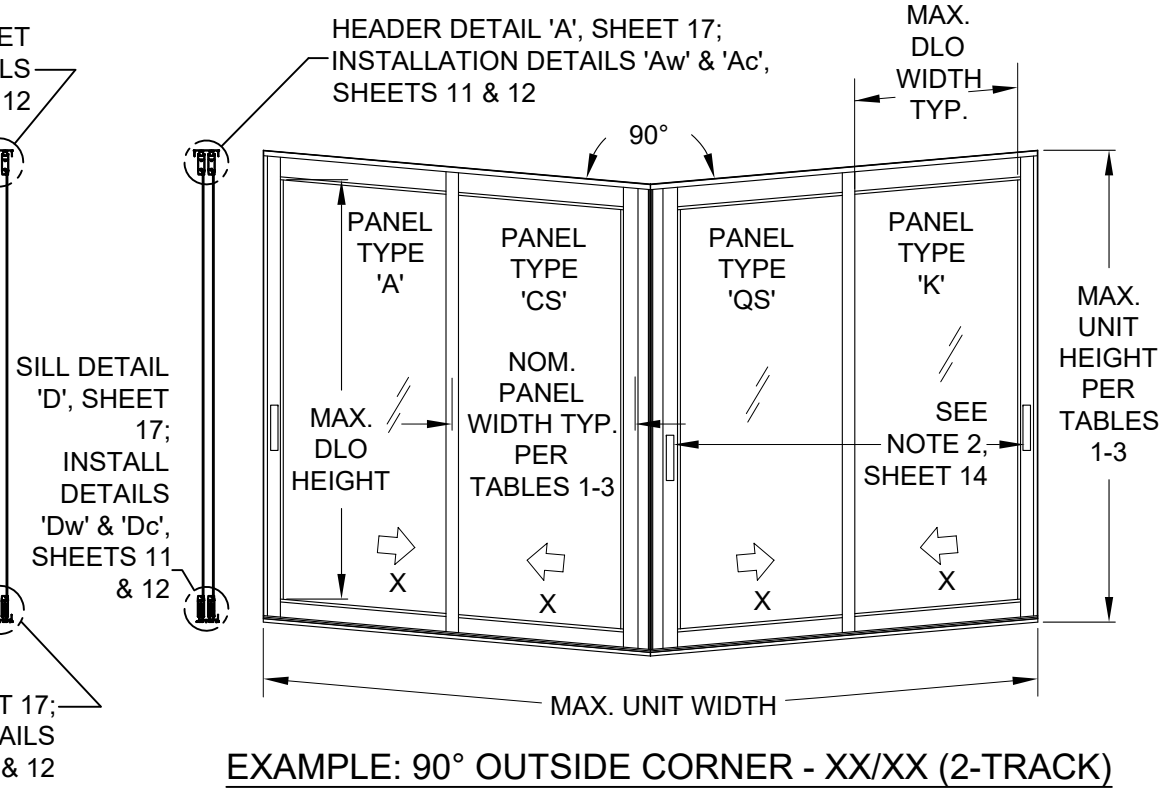
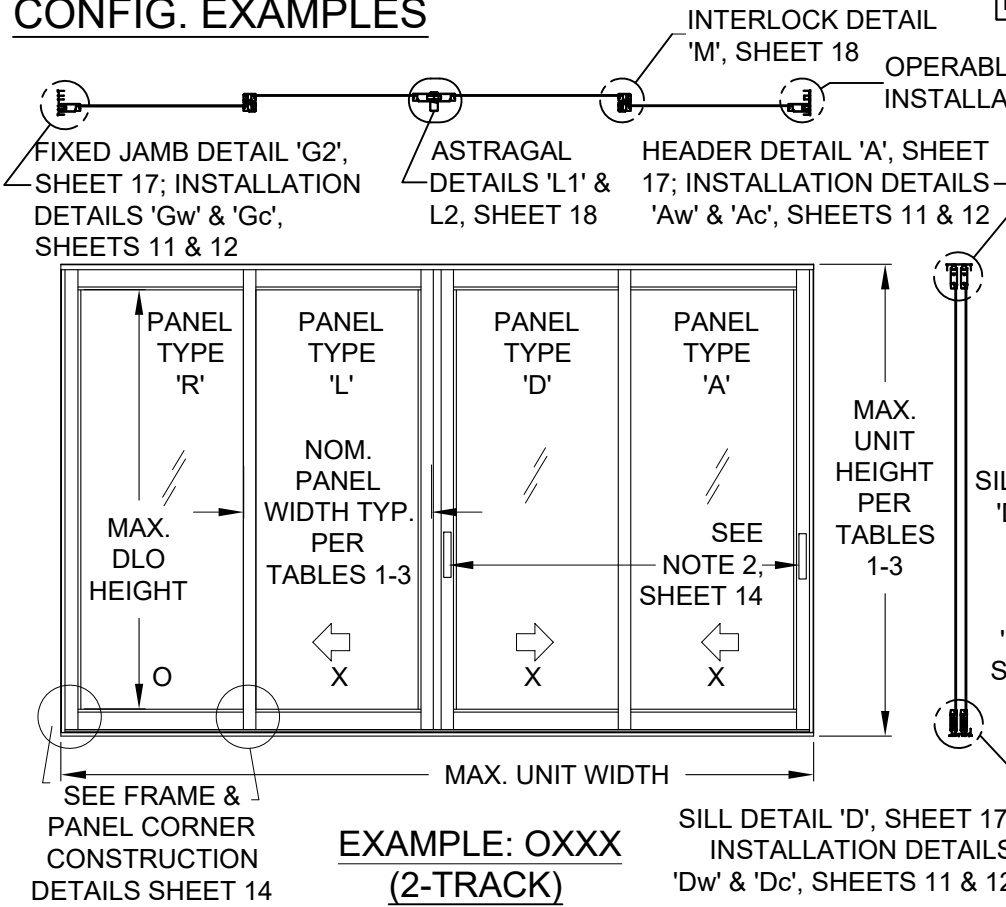


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PGT [®] WINDOWS and DOORS		3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		By	JENS ROSOWSKI
REGISTRATION #29296		ALUMINUM SLIDING GLASS WINDOW		No.	SGD770W-LM-HVHZ-NS
EXAMPLE ELAVATION		14 OF 21		DWG	
SGD770NS-W		Sheet		Title	



CONFIG. EXAMPLES

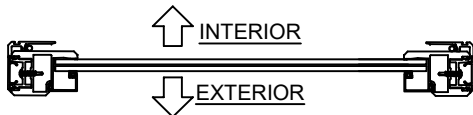
FOR ALL DETAILS ON THIS SHEET, SEE NOTES ON SHEET 14



PANEL TYPES			PANEL'S RIGHT STILE TYPE												
			SINGLE INTERLOCK OUT 	SINGLE INTERLOCK IN 	FIXED STILE 	LOCKSTILE W/ HANDLE 	ASTRAGAL BOX OUT 	ASTRAGAL BOX IN 	ASTRAGAL BOX OUT W/ HANDLE 	ASTRAGAL BOX IN W/ HANDLE 	EXT CORNER 90 RECEIVER W/ HANDLE #118 #60 	INT CORNER 90 RECEIVER W/ HANDLE #118 #60 	EXT CORNER 90 RECEIVER #118 #60 	EXT CORNER 135 RECEIVER W/ HANDLE #31 #60 	INT CORNER 135 RECEIVER W/ HANDLE #31 #60 
PANEL'S LEFT STILE TYPE	SINGLE INTERLOCK OUT 		F	PP	K			L (BOX OUT)		TC	TA		TV	TW	
	SINGLE INTERLOCK IN 	B	E	P	A			C (BOX OUT)	C (BOX IN)	SC	SA		SV	SW	
	FIXED STILE 	RR	R					S (BOX OUT)	S (BOX IN)			FD	FC	FV	FW
	LOCKSTILE W/ HANDLE 	D	M					J (BOX OUT)	J (BOX IN)						
	ASTRAGAL BOX OUT W/ HANDLE 	LR (BOX OUT)													
	ASTRAGAL BOX IN W/ HANDLE 		N (BOX IN)												
	ASTRAGAL BOX OUT 				T (BOX OUT)	U (BOX OUT)									
	ASTRAGAL BOX IN 				T (BOX IN)	U (BOX IN)									
	EXT CORNER 90 RECEIVER W/ HANDLE #60 #118 	CT	CS												
	INT CORNER 90 RECEIVER W/ HANDLE #60 #118 	AT	AS	DF											
	EXT CORNER 90 RECEIVER #118 #60 				CF										
	EXT CORNER 135 RECEIVER W/ HANDLE #31 #60 	VT	VS	VF											
	INT CORNER 135 RECEIVER W/ HANDLE #31 #60 	WT	WS	WF											

EXAMPLE

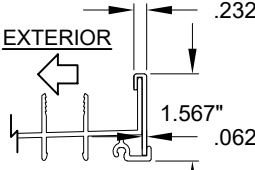
LEFT
PANEL
STILE



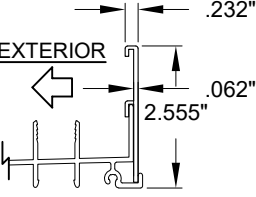
RIGHT
PANEL
STILE

PANEL "E" SHOWN. SEE TABLE FOR OTHER PANEL TYPES AND APPLICABLE STILE/ASTRAGAL REQUIREMENTS.

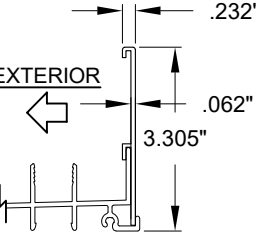
SILL RISERS OPTIONS



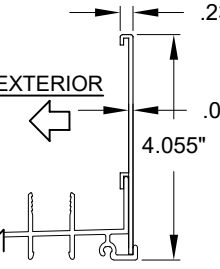
18* SILL RISER, FLAT *
FLUSH, 1-1/2"



20 SILL RISER, FLAT
LOW, 2-1/2"



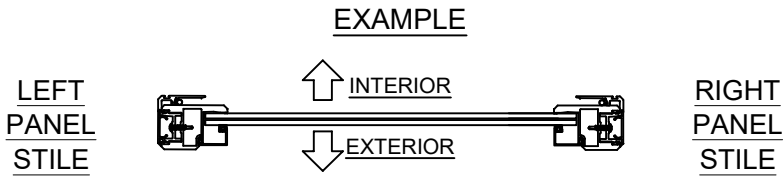
22 SILL RISER, FLAT
MEDIUM, 3-1/4"



24 SILL RISER, FLAT
HIGH, 4"

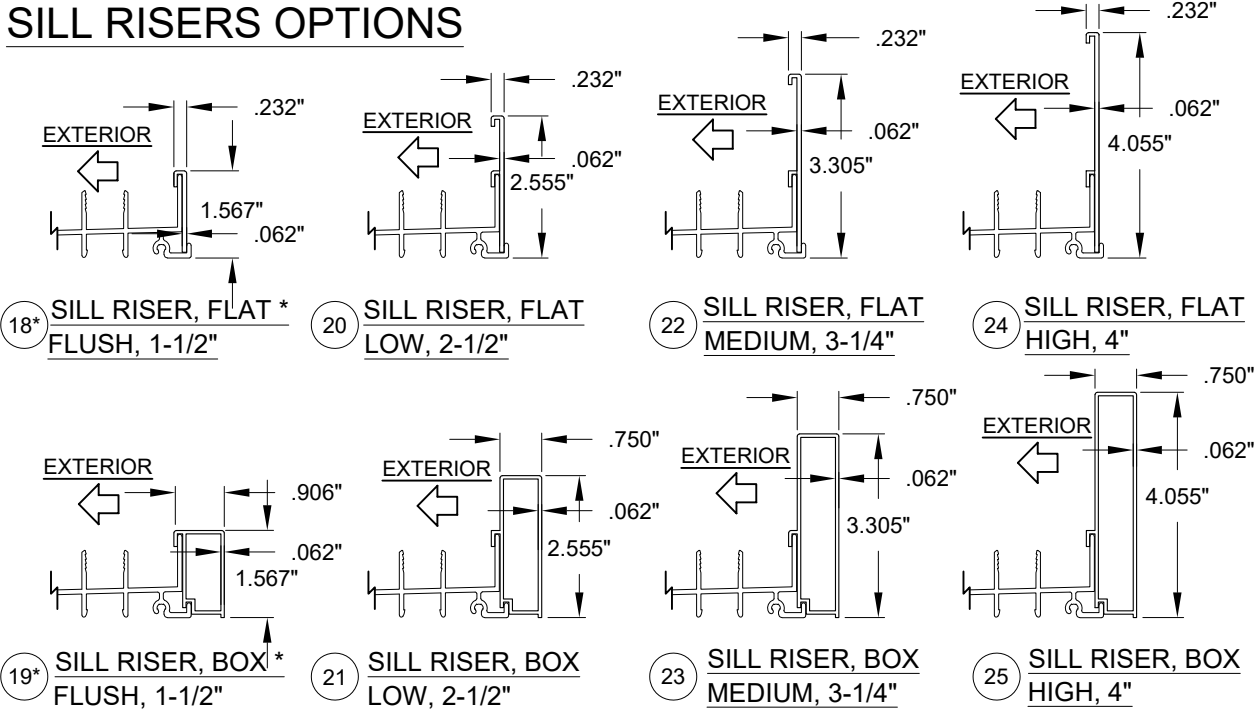
PANEL NOTES:

1. SEE DP TABLES 1-3, SHEETS 5-7 FOR PANEL SIZES & DESIGN PRESSURE.
2. PANEL TYPES NOT SHOWN OR CROSSED OFF ARE NOT REQUIRED FOR ANY CONFIGURATIONS AND ARE NOT AVAILABLE.
3. 90° ASTRAGALS TO USE HEAVY-DUTY STILES (#61), CORNER RECEIVER (#118) AND EITHER EXTERIOR (#119) OR INTERIOR (#120) CORNER ASTRAGALS.
4. 135° ASTRAGALS TO USE HEAVY-DUTY STILES (#61) AND CORNER ADDON (#31).



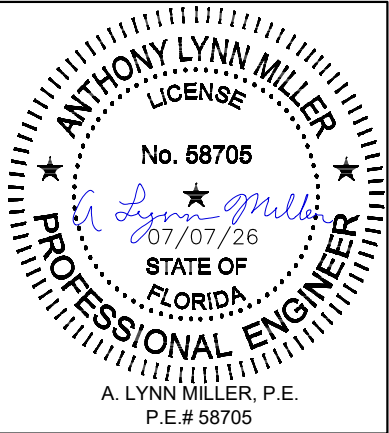
PANEL "E" SHOWN. SEE TABLE FOR OTHER PANEL TYPES AND APPLICABLE STILE/ASTRAGAL REQUIREMENTS.

SILL RISERS OPTIONS

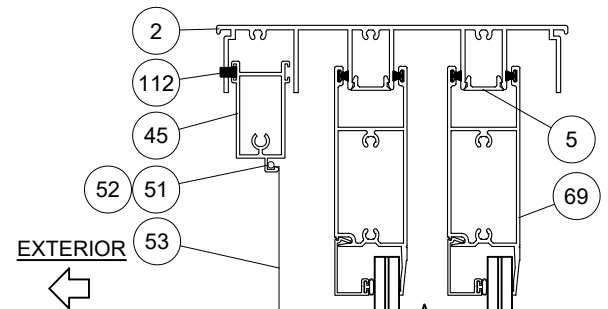
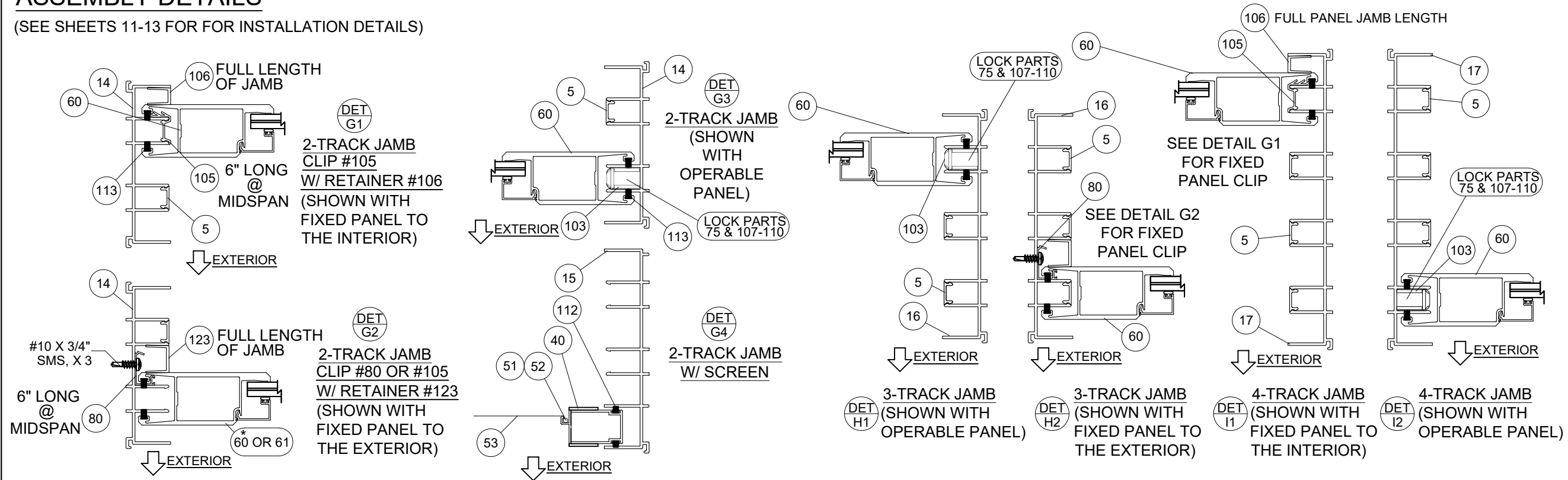


* NOT VALID FOR WATER INFILTRATION RESISTANCE REQUIREMENTS, SEE SHEETS 5-7

PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	PGT® WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	ALUMINUM SLIDING GLASS WINDOW	07/07/26	JENS ROSOWSKI	SGD770W-LM-HVHZ-NS
COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		By	Date	Drawn	No.
PANEL TYPES		16 OF 21			
SGD770NS-W					

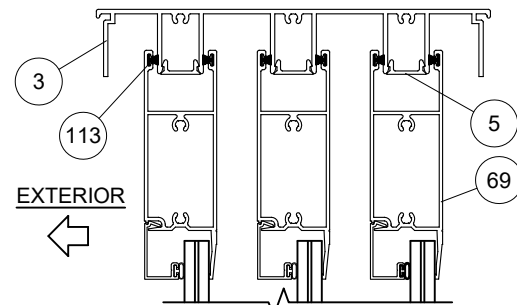


(SEE SHEETS 11-13 FOR FOR INSTALLATION DETAILS)

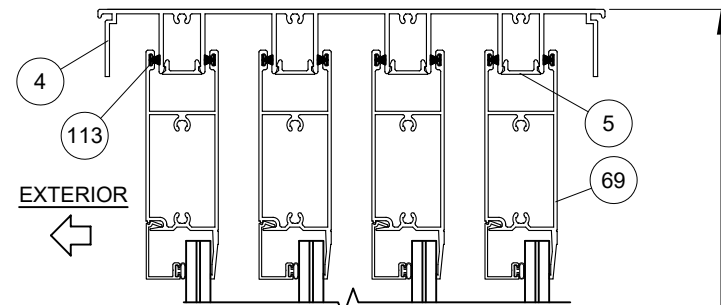


SHOWN WITH
OPT. SCREEN
TRACK

 2-TRACK W/SCREEN
FRAME HEAD

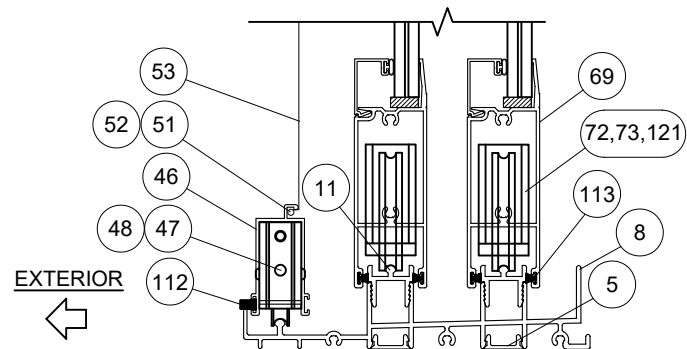


DET 3-TRACK
B FRAME HEAD

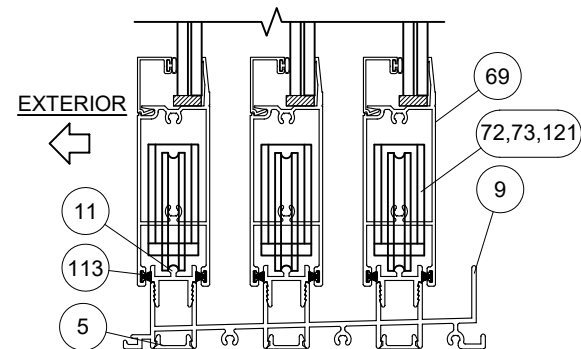


DET 4-TRACK
C FRAME HEAD

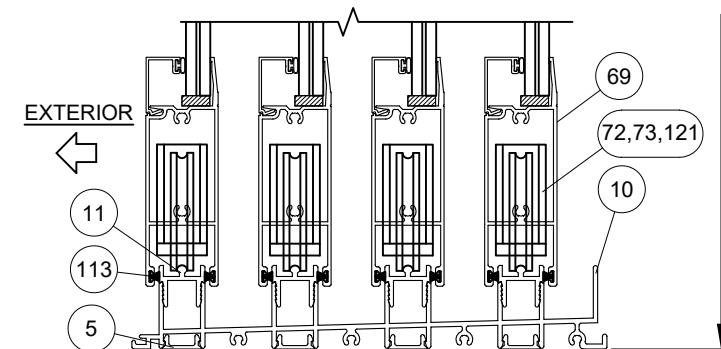
MAX. UNIT
HEIGHT PER
TABLES 1-3



2-TRACK W/SCREEN
FRAME SILL

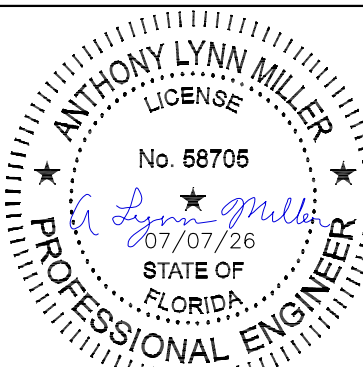


DET 3-TRACK
E FRAME SILL



DET 4-TRACK
F FRAME SILL

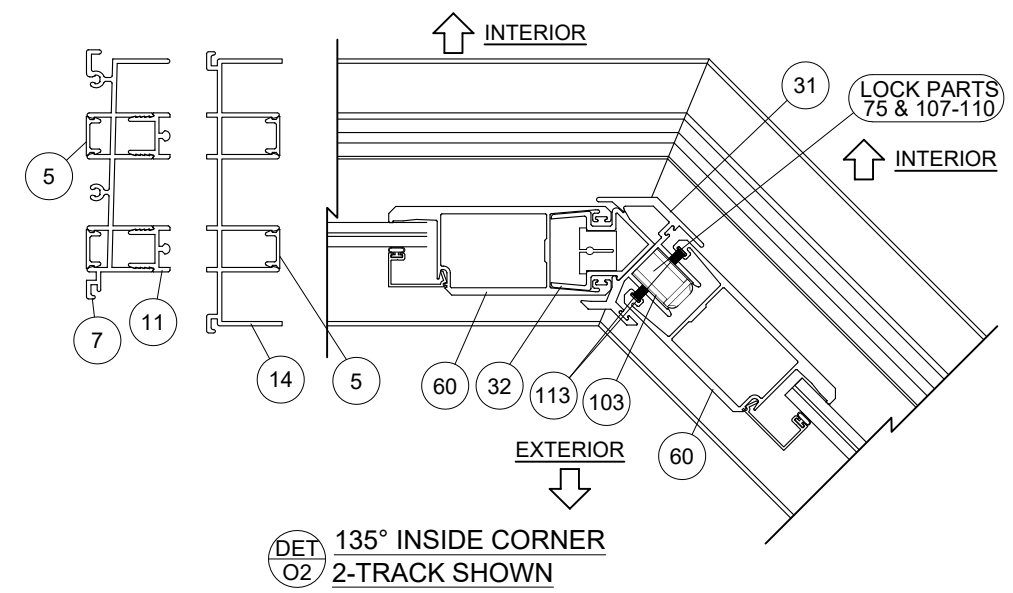
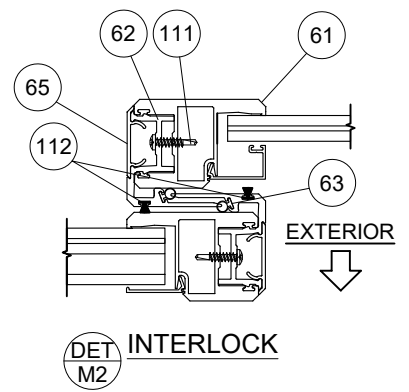
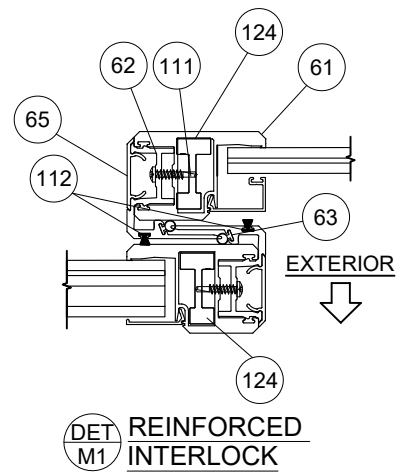
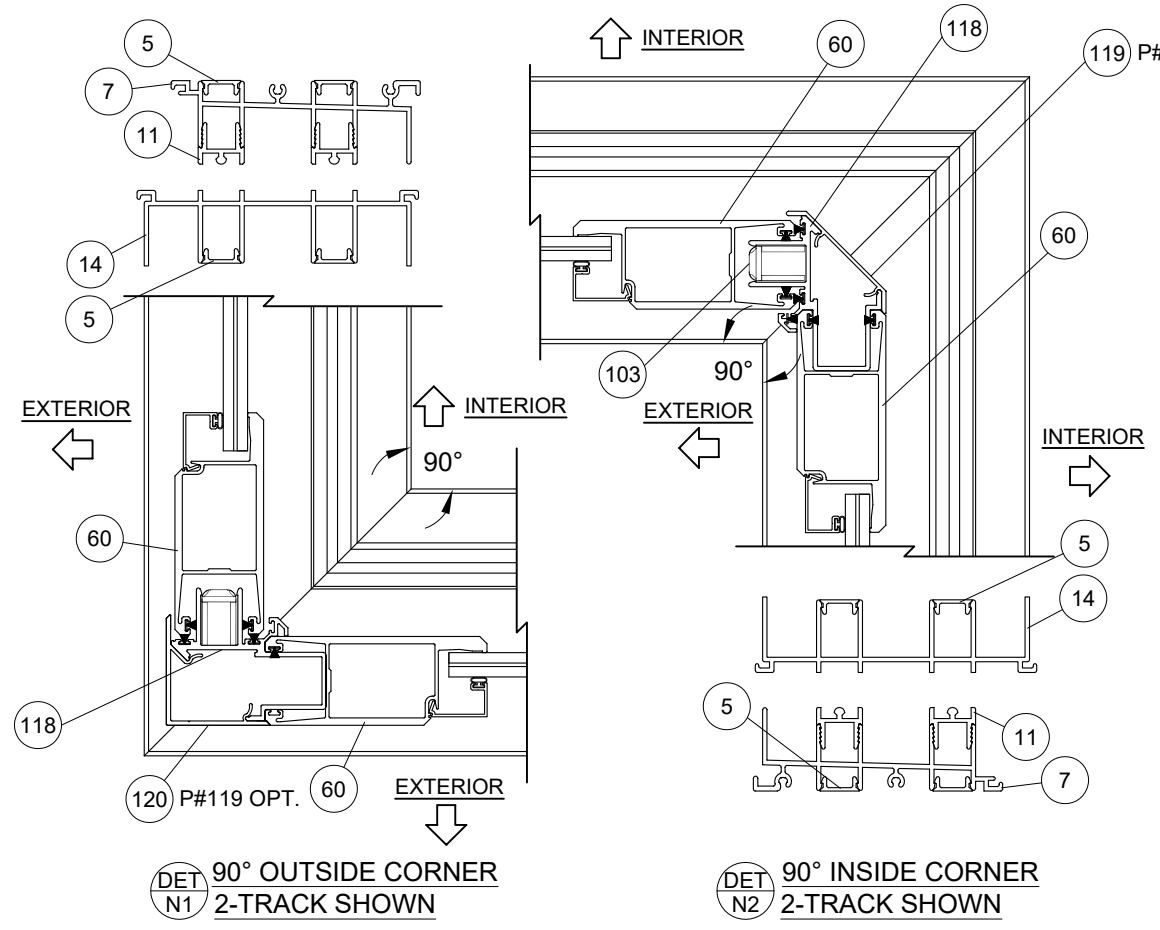
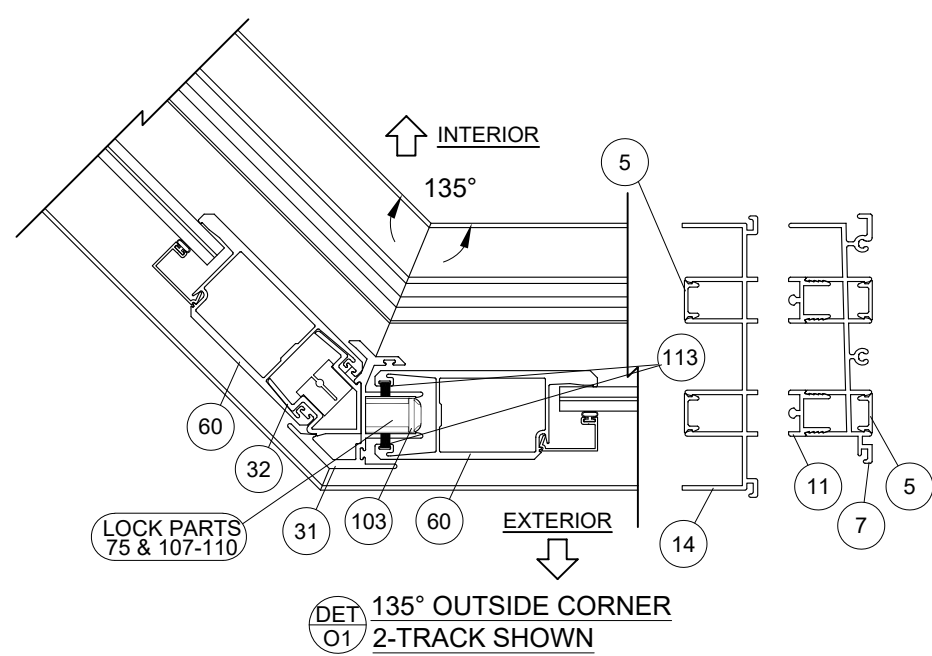
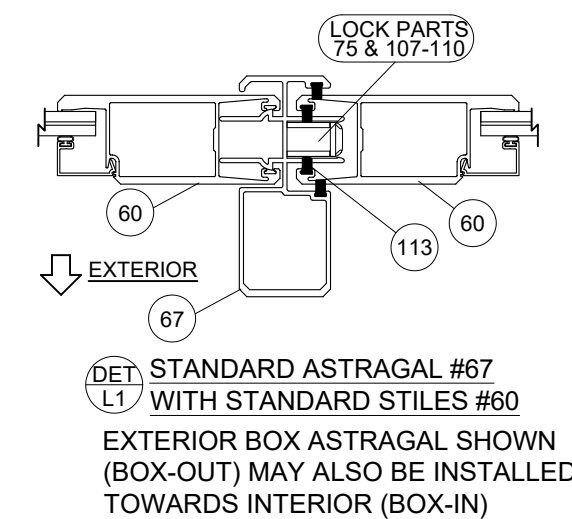
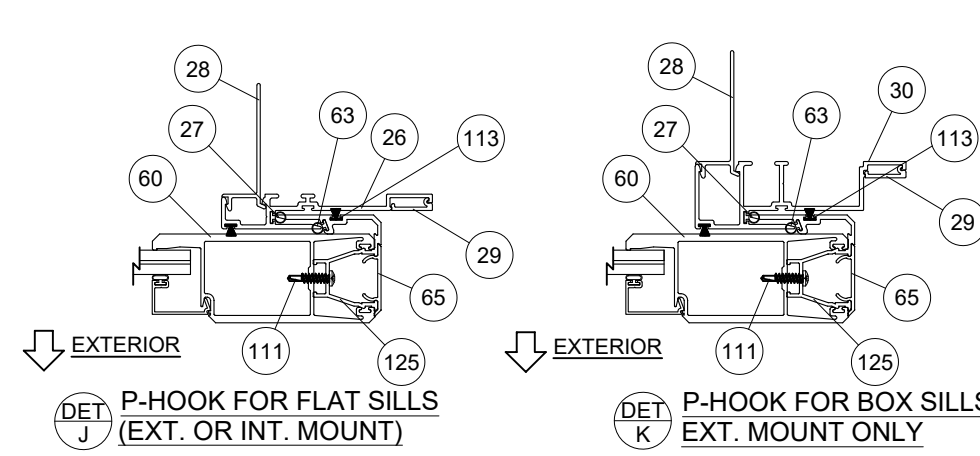
 PGT 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		PREPARED BY A. LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600	
REGISTRATION #29296		COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	
ALUMINUM SLIDING GLASS WINDOW		07/07/26 Date	
VERTICAL SECTION DETAILS		JENS ROSOWSKI By	
SGD770NS-W Sheet		17 OF 21 DWG	
SGD770NS-W Series		SGD770W-LM-HVHZ-NS	



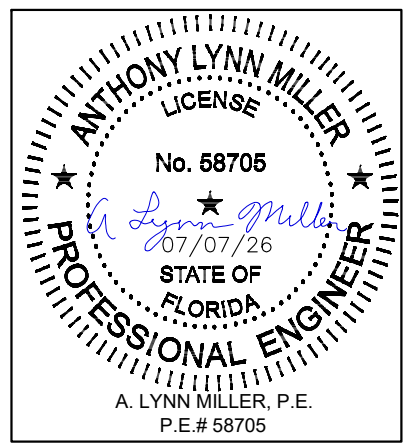
A. LYNN MILLER, P.E.
P.E.# 58705

ASSEMBLY DETAILS

(SEE SHEETS 11-13 FOR FOR INSTALLATION DETAILS)



PGT WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	PREPARED BY A LYNN MILLER 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		COPYRIGHT © 2026 PGT INDUSTRIES, LLC LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	
	ALUMINUM SLIDING GLASS WINDOW		Date 07/07/26	
	HORIZONTAL SECTION DETAILS		By JENS ROSOWSKI	
	SGD770NS-W		18 OF 21	
Series		Desc.		SGD770W-LM-HVHZ-NS



Item	PGT Dwg. #	PGT #	Description
1	17306	617306	2-TRACK HEAD
2	17303	617303	2-TRACK HEAD WITH SCREEN RAIL
3	17309	617309	3-TRACK HEAD
4	17312	617312	4-TRACK HEAD
5	17314	617314	FRAME SCREW COVER
6	17317	617317	FRAME HEAD/JAMB ADD-ON
7	17304	617304	2-TRACK SILL
8	17301	617301	2-TRACK SILL WITH SCREEN RAIL
9	17307	617307	3-TRACK SILL
10	17310	617310	4-TRACK SILL
11	17313	617313	FRAME SILL TRACK INSERT
12	17315	617315	FRAME SILL SCREEN ADD-ON (SEE NOTE 3)
13	17316	617316	FRAME SILL SCREEN END ADD-ON (SEE NOTE 3)
14	17305	617305	2-TRACK JAMB
15	17302	617302	2-TRACK JAMB WITH SCREEN RAIL
16	17308	617308	3-TRACK JAMB
17	17311	617311	4-TRACK JAMB
18	17322	617322	SILL RISER - FLAT, FLUSH, 1-1/2"
19	17319	617319	SILL RISER - BOX, FLUSH, 1-1/2"
20	17321	617321	SILL RISER - FLAT, LOW, 2-1/2"
21	17318	617318	SILL RISER - BOX, LOW, 2-1/2"
22	17355	617355	SILL RISER - FLAT, MEDIUM, 3-1/4"
23	17354	617354	SILL RISER - BOX, MEDIUM, 3-1/4"
24	17323	617323	SILL RISER - FLAT, HIGH, 4"
25	17320	617320	SILL RISER - BOX, HIGH, 4"
26	17333	617333	POCKET P-HOOK
27	7070	67070	NEOPRENE BULB WSTP FOR P-HOOK
28	17334	617334	POCKET P-HOOK MOUNT
29	17335	617335	P-HOOK COVER
30	17348	617348	POCKET P-HOOK FOR BOX RISER
31	17378	617378	135 CORNER
32	17376	617376	135 FIXED MOUNT
ITEMS 40-53 ARE SCREEN PARTS:			
40	4319	612258	SCREEN SIDE RAIL - LOCKSTILE
41		7LOCKWGSK	SCREEN LOCKSET
42		41818	SCREEN KEEPER SPACER SET
43	8152	68152	SCREEN INTERLOCK ADAPTER
44	4428	64428	SCREEN DOUBLE INTERLOCK
45	4317	612256	SCREEN TOP RAIL
46	4318	612257	SCREEN BOTTOM RAIL

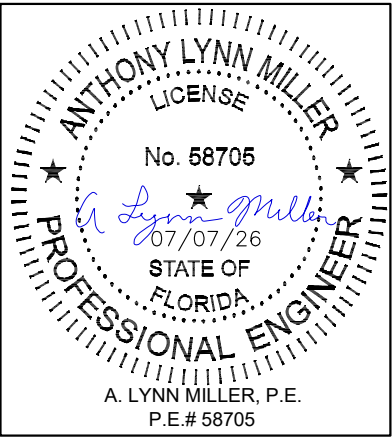
NOTES:

1) ALL ALUMINUM = 6063-T6

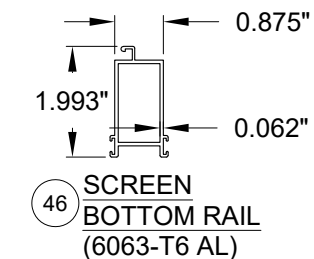
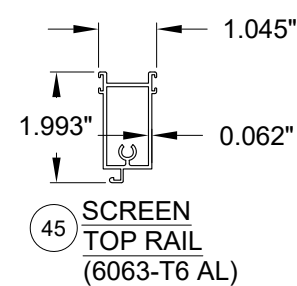
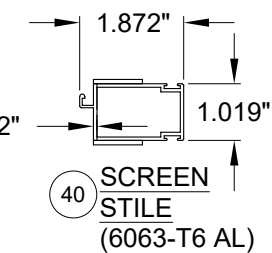
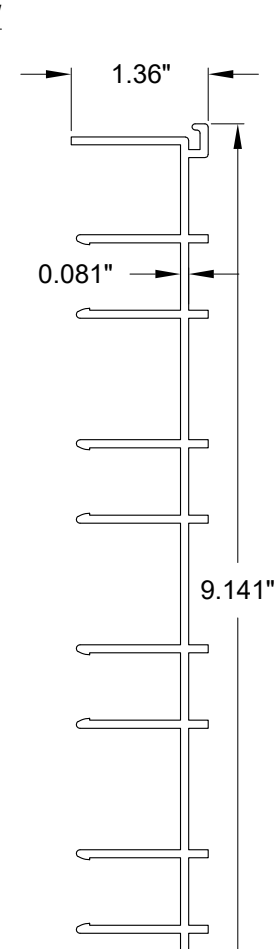
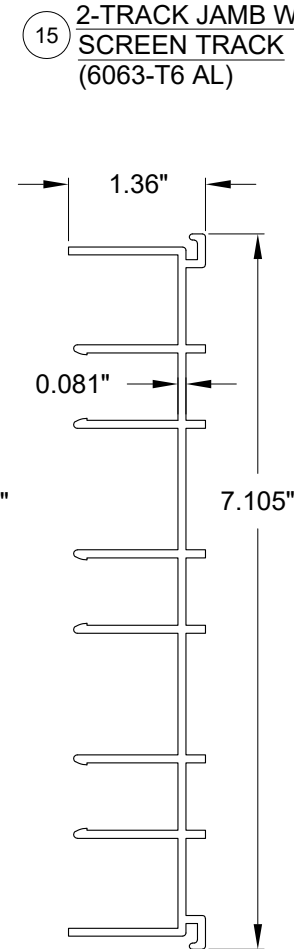
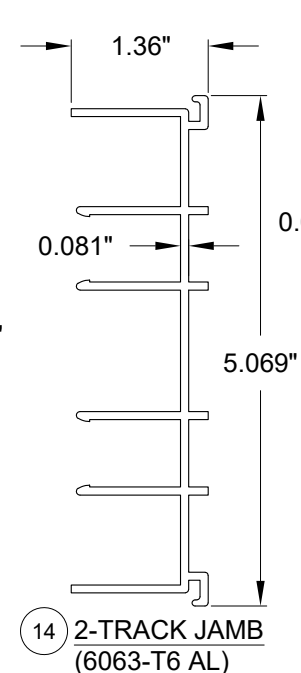
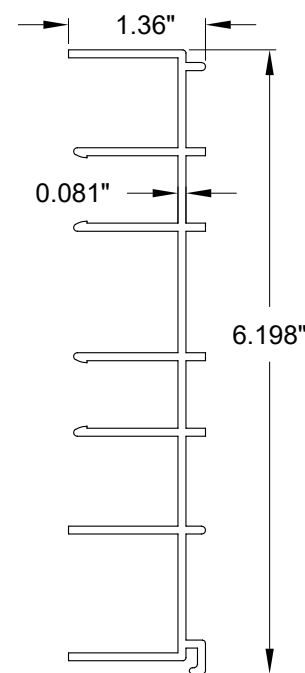
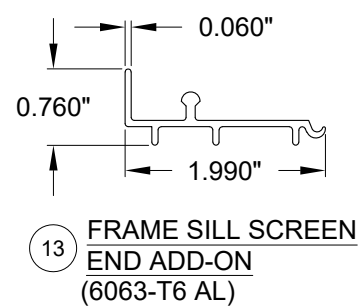
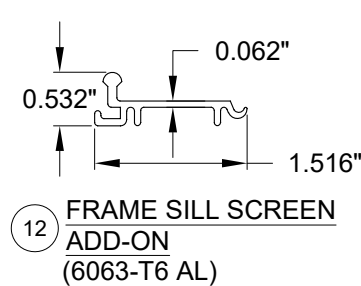
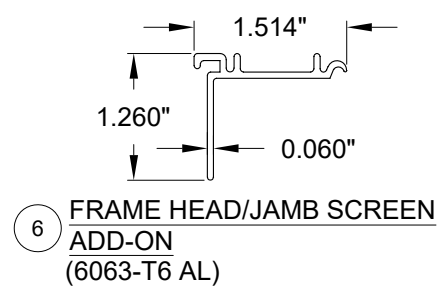
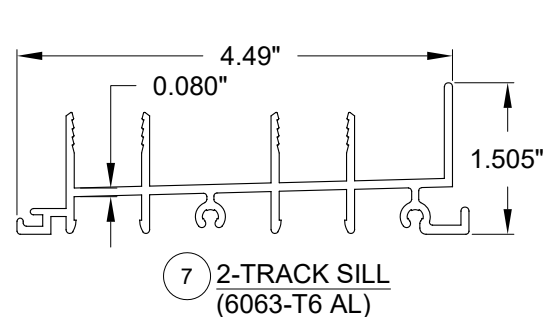
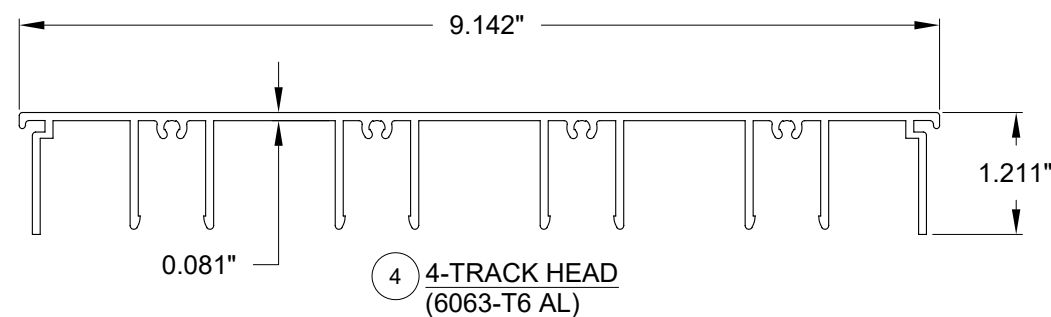
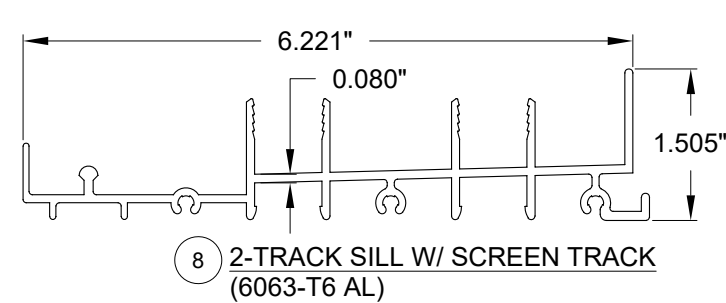
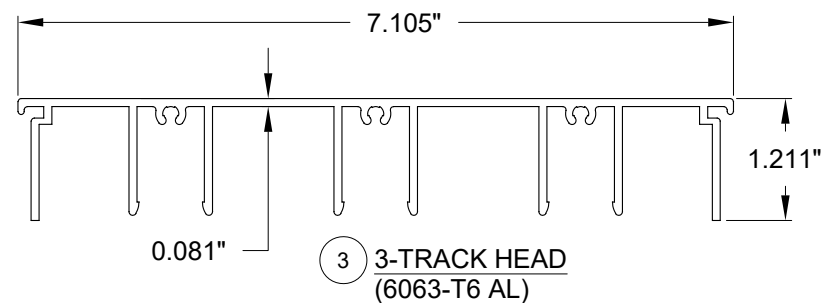
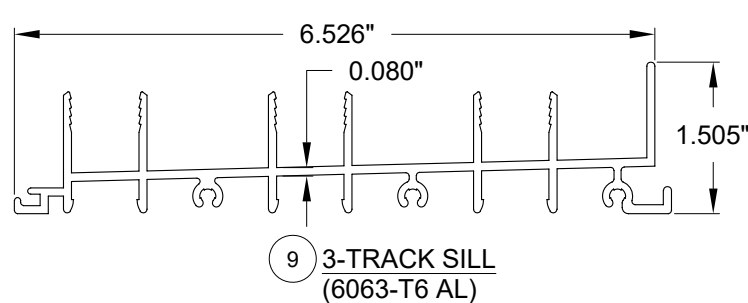
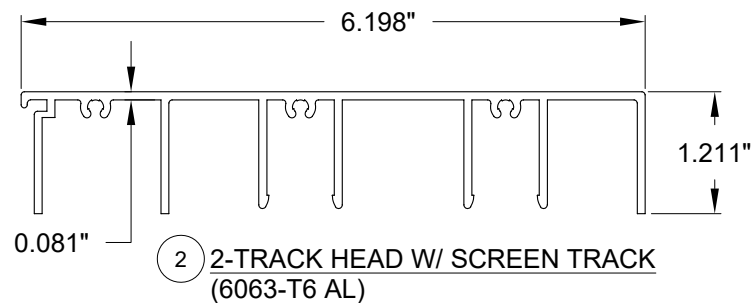
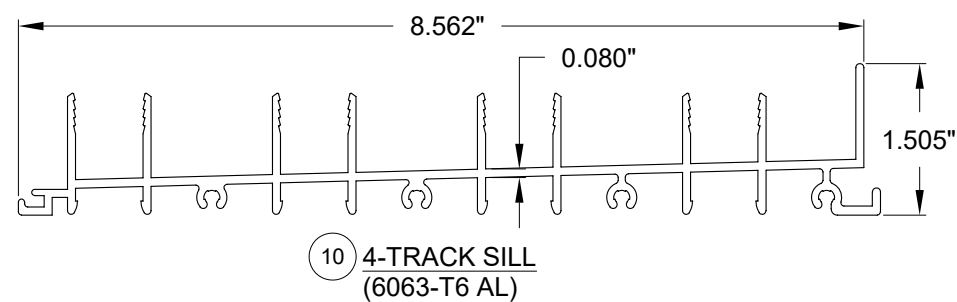
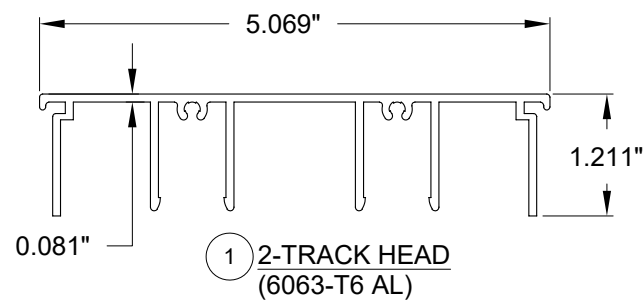
2) USE OF #12 OR #13 REQUIRES MIN. #10 SMS OR 3/16" MASONRY ANCHORS @ 24" MAX. O.C.

Item	PGT Dwg. #	PGT #	Description
47	668	7SRAZ	STANDARD ROLLER
48	668	7SRAX	STANDARD ROLLER - ST. STL.
49	4344	64344	SCREEN ASTRAGAL
50	17349	617349	OXO SCREEN ASTRAGAL ADAPTER
51	1692	61692	SCREEN SPLINE - .165"
52	1694	61694	SCREEN SPLINE - .150"
53		61816C20	SCREEN CLOTH
54	1725		1/2" X 4" X 1/16" SET. BLOCK, NEOPRENE 85 +/-5
55	1726		1" X 4" X 1/16" SET. BLOCK, NEOPRENE 85 +/-5
60	17325	617325	PANEL STILE
61	17326	617326	PANEL NARROW STILE
62	17327	617327	INTERLOCK ADAPTOR
63	1225	6TP248	VINYL BULB WSTP. - THIN (INSIDE INTERLOCK)
64	1729	71729	SILL END WEATHERSTRIP PAD
65	17328	617328	INTERLOCK SCREW COVER
67	17329	617329	ASTRAGAL
68	17339	617339	HEAVY DUTY ASTRAGAL
69	17324	617324	TOP & BOTTOM RAIL
70	17350	417350	WEATHERSTRIP EXTENSION (INJECTION MOLDED)
71	1695	71695	1-1/2" X 1" X 3/4" HIGH FIN SEAL DUST PLUGS
72	8153	78153X	TANDEM ST. STL. ROLLER ASSY.
73	8153	78153N	TANDEM NYLON ROLLER ASSY.
74		SILICONE	DOW-791, 899, 983, 995 OR GE-7700
75	8185	78185X	GEMINI MORTICE 3-PLY DUAL LOCK W/LONG TRIM PLATE
76		71032X1FPFX	#10-32 X 1" FL. SS SCREW W/ TYPE "F" TIP
77		7103239	10-32 STEEL ZINC U-NUT
79	17357	617357	1" IG BEAD
80	17359	617359	7/16" BEAD / FIXED PANEL CLIP
81	17360	617360	9/16" BEAD
82	1224	6TP247K	VINYL BULB WEATHERSTRIP
83	61745	1745	LOWE INC, 1/2" X 1/16" SGL. SIDE ADH. TAPE, POLYETH.
100	8052	48052	ROLLER ADJ. HOLE PLUG
101		72087	JAMB BUMPER
102	1696	71696	DUST PLUG
103	8186	78186X	1" KEEPER
104	653	7SDKEEP	SCREEN LOCK KEEPER
105	17344	617344	FIXED PANEL CLIP - 6" LONG
106	17352	617352	FIXED PANEL RETAINER - 9/16"
107	1739	71739	HANDLE KIT - INTERIOR RAISED WITH THUMB TURN
108	1740	71740	HANDLE KIT - RAISED EXTERIOR HANDLE
109	1731	78162SN	HANDLE KIT - RECESSED INTERIOR WITH THUMB TURN
110	1732	78178	HANDLE KIT - RECESSED EXTERIOR PULL
111		7S134X	#10 X 3/4" PH. PAN UC SS 18-8 T/A T/S
112	1235	67S16	WSTP, .270 X .170 - FIN SEAL
113	1712	64066	.187" X .230" FINSEAL
114		710X115PPX	#10 X 1-1/2"
115		710XPPT	#10 X 1"
116		720X1X	#14-20 X 1" S.S.
117		720X112X	#14-20 X 1-1/2" S.S.
119		617411	90 DEGREE BEVELED CORNER COVER
120		617417	90 DEREЕ SQUARE CORNER COVER
121	78217	678217	FIXED PANEL ADJUSTER
135		717428	FIXED PANEL BRACKET, 2" X 4" X 1/4", 1/2" WIDE

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PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600 REGISTRATION #29296	ALUMINUM SLIDING GLASS WINDOW		07/07/26
	BILL OF MATERIALS		JENS ROSOWSKI
	SGD770NS-W	19 OF 21	SGD770W-LM-HVHZ-NS

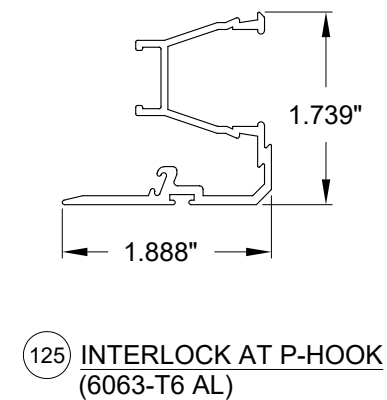
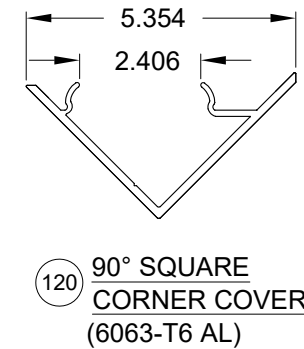
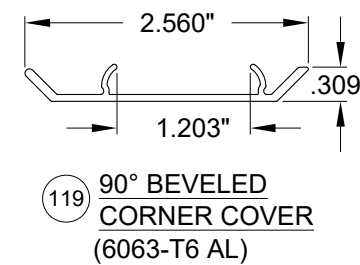
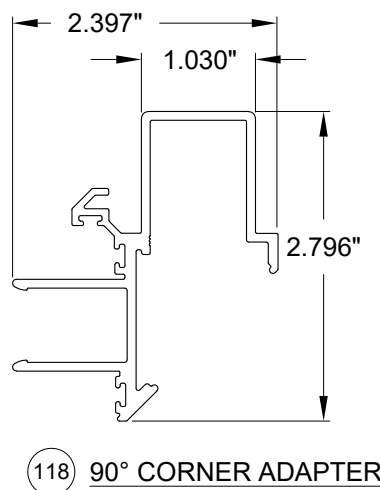
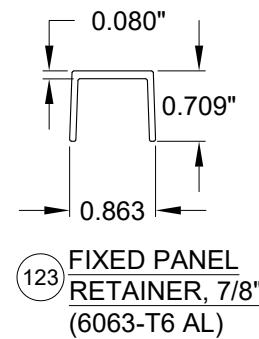
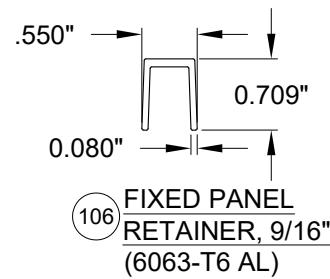
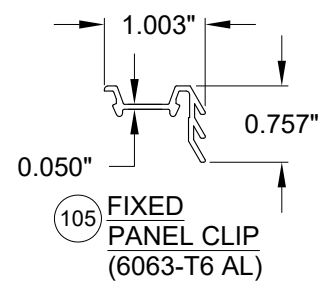
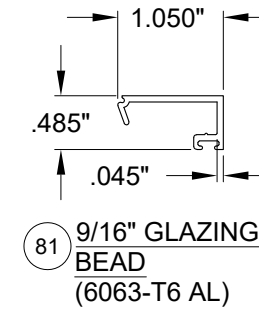
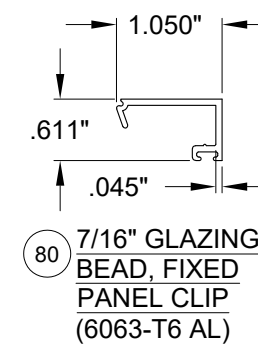
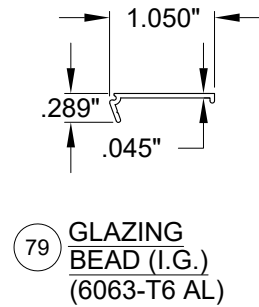
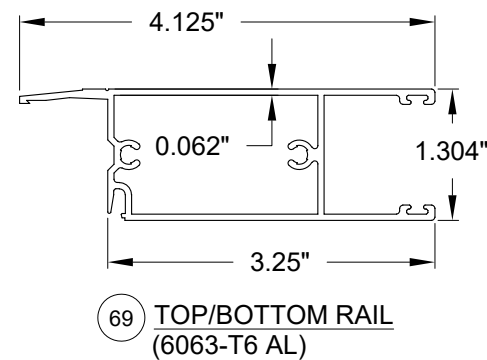
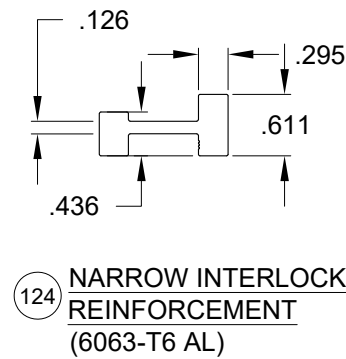
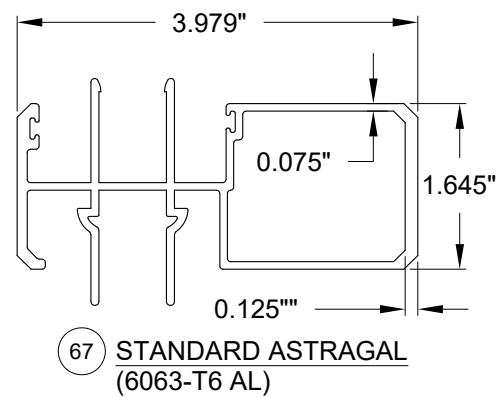
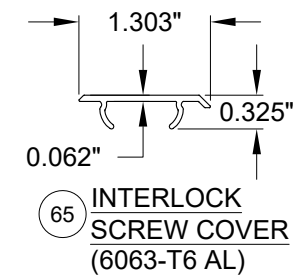
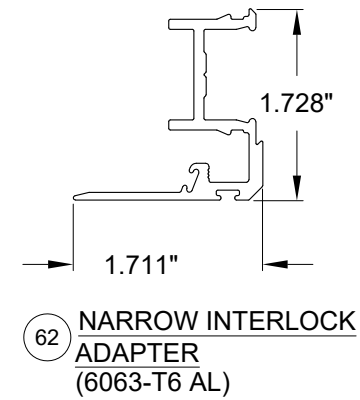
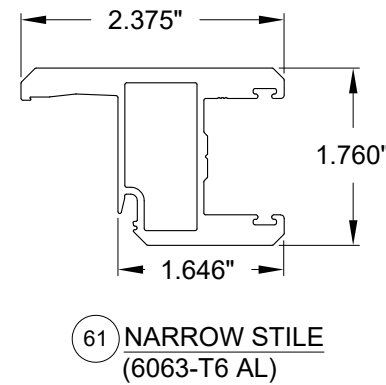
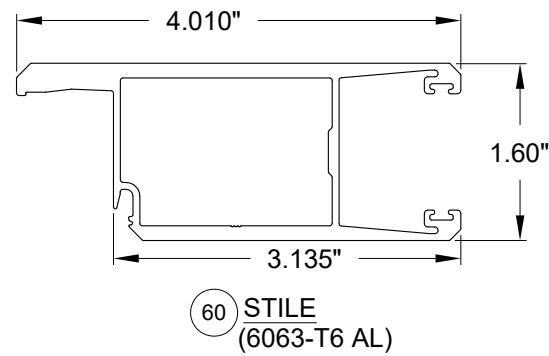
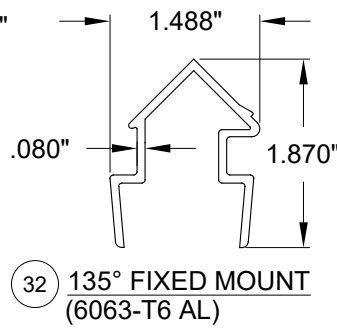
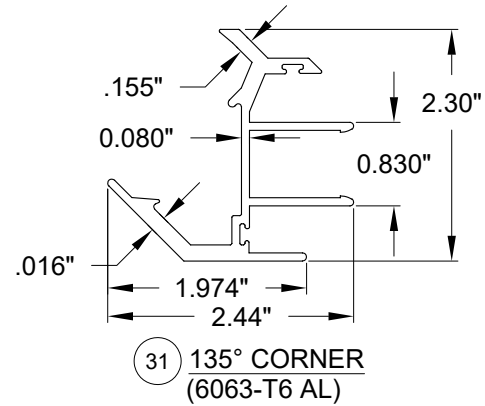
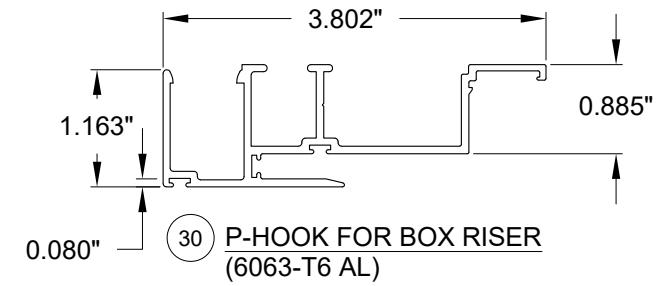
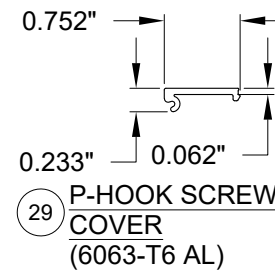
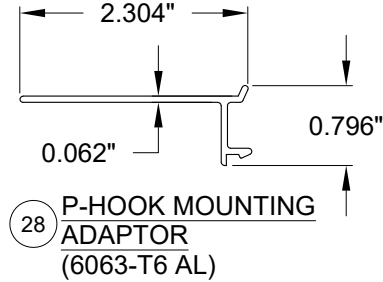
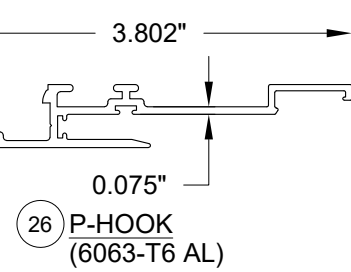
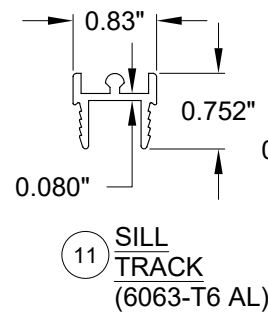
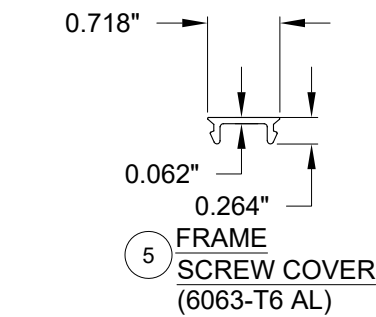


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PGT WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		ALUMINUM SLIDING GLASS WINDOW EXTRUSIONS		Title SGD770NS-W		Desc. SGD770W-LM-HVHZ-NS

ANTHONY LYNN MILLER
LICENSE
No. 58705
07/07/26
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



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PGT [®] WINDOWS and DOORS 3400 PRECISION DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296		ALUMINUM SLIDING GLASS WINDOW		EXTRUSIONS		21 OF 21	Sheet
ANTHONY LYNN MILLER LICENSE No. 58705 07/07/26 STATE OF FLORIDA PROFESSIONAL ENGINEER A. LYNN MILLER, P.E. P.E.# 58705									