

SS-3520 IMPACT-RESISTANT STOREFRONT WINDOW SYSTEM

GENERAL NOTES:
1) THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FBC, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
2) SHUTTERS ARE NOT REQUIRED PER FBC REQUIREMENTS, WHEN USED IN WIND-BORNE DEBRIS REGIONS.
3) DESIGN PRESSURES:
A) NEGATIVE DESIGN LOADS BASED ON STRUCTURAL & CYCLE TESTING AND GLASS PER ASTM E1300.
B) POSITIVE DESIGN LOADS BASED ON WATER INFILTRATION, STRUCTURAL & CYCLE TESTING AND GLASS PER ASTM E1300.
C) DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
4) 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.
5) OVERALL SEALING/FLASHING STRATEGY FOR WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS AND IS BEYOND THE SCOPE OF THESE INSTRUCTIONS.
6) DISSIMILAR MATERIALS THAT COME INTO CONTACT, INCLUDING PRODUCT FRAMING, ANCHORAGE AND OPENING SUBSTRATES, SHALL BE COATED OR PROTECTED TO PREVENT CORROSIVE REACTIONS AS REQUIRED BY THE FLORIDA BUILDING CODE.
7) REFERENCES: DEWALT ULTRACON & CRETEFLEX NOA'S

ANCHOR NOTES:
1) SEE TABLE 1 ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
2) 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 INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE BUILDING OFFICIAL.
3) SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE WINDOW.
4) METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER THE FBC AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
5) 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.

CONTENTS:

GENERAL NOTES, INSTRUCTIONS.....	1
ANCHOR TYPES, TABLE 1.....	1
ELEVATIONS.....	2, 3
5" HORIZ. SECTIONS.....	4
7" HORIZ. SECTIONS.....	5
VERT. SECTIONS.....	6
INSERTS.....	7
GLASS DP, TABLE 2 & GLAZING TYPES.....	8
MULLION ANCHOR CLUSTER DP - 1/4" SHIM, TABLE 3.....	9
MULLION ANCHOR CLUSTER DP - 1/2" SHIM, TABLE 4.....	10
JAMB ANCHOR SPACING - 1/4" SHIM, TABLE 5.....	11
JAMB ANCHOR SPACING - 1/2" SHIM, TABLE 6.....	12
MID-PANEL ANCHOR QUANTIY - 1/4" SHIM, TABLE 7.....	13
MID-PANEL ANCHOR QUANTIY - 1/2" SHIM, TABLE 8.....	14
VERTICAL MULLION DP, TABLE 9.....	15
EXTRUSION PROFILES.....	16
CORNER DETAILS.....	16
PARTS LIST, TABLE 10.....	16

ALL TEMPERED AND/OR LAMINATED GLASS OPTIONS IN THIS APPROVAL HAVE BEEN CERTIFIED BY THE SGCC FOR COMPLIANCE TO ANSI Z97.1, CLASS A AND CPSC 16 CFR 1201, CATEGORY II. THIS INCLUDES LAMINATED GLASS THAT IS MANUFACTURED WITH ANNEALED GLASS PLIES. FOR APPLICATIONS WHERE THE WINDOW IS BEING USED AS A GUARD, HEAT STRENGTHENED OR TEMPERED LAMINATED GLASS MUST BE USED.

TABLE 1:

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment	Min. O.C. Distance
A	#14 Steel or 410 SS SMS (G5)	Southern Pine (SG=0.55)	1"	1-3/8"	1"
B	#14 Steel or 410 SS SMS (G5)	Aluminum, 6063-T5* (0.125" min. thickness)	3/8"	1/8"	5/8"
		Steel, A36* (0.125" min. thickness)	3/8"	1/8"	5/8"
C	1/4" DeWalt Ultracon+	Concrete (min. 3.00 ksi)	2-1/2"	1-3/4"	3"
		Concrete (min. 3.00 ksi)	2-1/2"	1-3/8"	4"
		Grout-Filled CMU, (ASTM C-90)	2-1/2"	1-3/4"	4"
		UngROUTed CMU, (ASTM C-90)	2-1/2"	1-1/4"	3"
	1/4" DeWalt 410 S.S. Crete-Flex	UngROUTed CMU, (ASTM C-90)	2-1/2"	1-1/4"	6"
	5/16" DeWalt Ultracon	UngROUTed CMU, (ASTM C-90)	3-1/8"	1-1/4"	6"
D	1/4" DeWalt 410 S.S. CreteFlex	Concrete (min. 3.35 ksi)	2-1/2"	1-3/4"	3"
		Concrete (min. 3.52 ksi)	3-1/8"	2"	3"
	5/16" DeWalt Ultracon	Grout-Filled CMU, (ASTM C-90)	2-1/2"	2-1/4"	5"
E	3/8" Large Diameter ITW Tapcon	Concrete (min. 3 ksi)	3"	1-1/2"	4"
		UngROUTed CMU, (ASTM C-90)	3"	1-1/2"	6"

INSTRUCTIONS:

- 1) DETERMINE THE BUILDING'S REQUIRED DESIGN PRESSURE USING THE ASCE 7 STANDARD. THE PRODUCT'S DESIGN PRESSURE MUST MEET OR EXCEED THIS VALUE.
2) DETERMINE THE ANCHOR TYPE FROM TABLE 1, SHEET 1.
3) DETERMINE THE GLASS DESIGN PRESSURE FROM TABLE 2.
4) MID-PANEL ANCHOR QUANTITIES ARE GIVEN IN TABLES 7 & 8 AND HAVE BEEN CALCULATED FOR THE PRODUCT'S MAXIMUM DP.
5) IF THE STOREFRONT WINDOW IS ATTACHED TO ANOTHER WINDOW THROUGH A COMMON MULLION:
A) DETERMINE THE MULLION DESIGN PRESSURE FROM TABLE 9.
B) DETERMINE THE MAXIMUM DESIGN PRESSURE DUE TO MULLION CLUSTER ANCHORAGE FROM TABLES 3 OR 4 BASED ON YOUR SHIM SPACE, ANCHOR TYPE AND THE QUANTITY OF ANCHORS.
6) IF THE JAMBS ARE ANCHORED TO THE SUBSTRATE:
A) THE SPACING IS GIVEN IN TABLES 5 & 6 AND HAVE BEEN CALCULATED FOR THE PRODUCT'S MAX. DP.
7) IF THE JAMBS ARE ANCHORLESS:
A) DETERMINE THE MAXIMUM DESIGN PRESSURE DUE TO CLUSTER ANCHORAGE FROM TABLES 3 OR 4 BASED ON YOUR SHIM SPACE, ANCHOR TYPE AND THE QUANTITY OF ANCHORS.
B) DETERMINE THE JAMB DESIGN PRESSURE FROM TABLE 9.
7) THE LOWEST DESIGN PRESSURE FROM ALL TABLES REFERENCED ABOVE, SHALL BE USED FOR THE ENTIRE ASSEMBLY.
8) IF COMBINED WITH A COMPATIBLE STOREFRONT ENTRANCE DOOR, THE LESSER DESIGN PRESSURE OF THE DOOR OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.

DESIGN PRESSURE RATING
SEE TABLES 2, 3, 4 & 9
IMPACT RATING
RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE

* MIN. OF 3 THREADS BEYOND THE METAL SUBSTRATE. METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER CURRENT FLORIDA BUILDING CODE AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

"UNGROUTED CMU" VALUES MAY BE USED FOR GROUTED CMU APPLICATIONS.

ALL ANCHOR HEAD TYPES ARE ALLOWED.

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

REGISTRATION #29296
COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE
TO MAKE COPIES FOR PERMITTING.

PGT[®]
Commercial

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

ALUMINUM STOREFRONT WINDOW (LM)

02/20/24

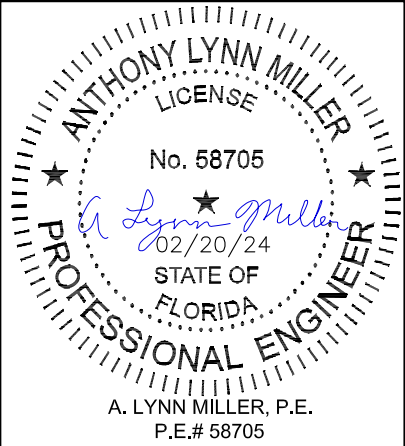
NOTES & ANCHOR TABLE

JENS ROSOWSKI

SS-3520A

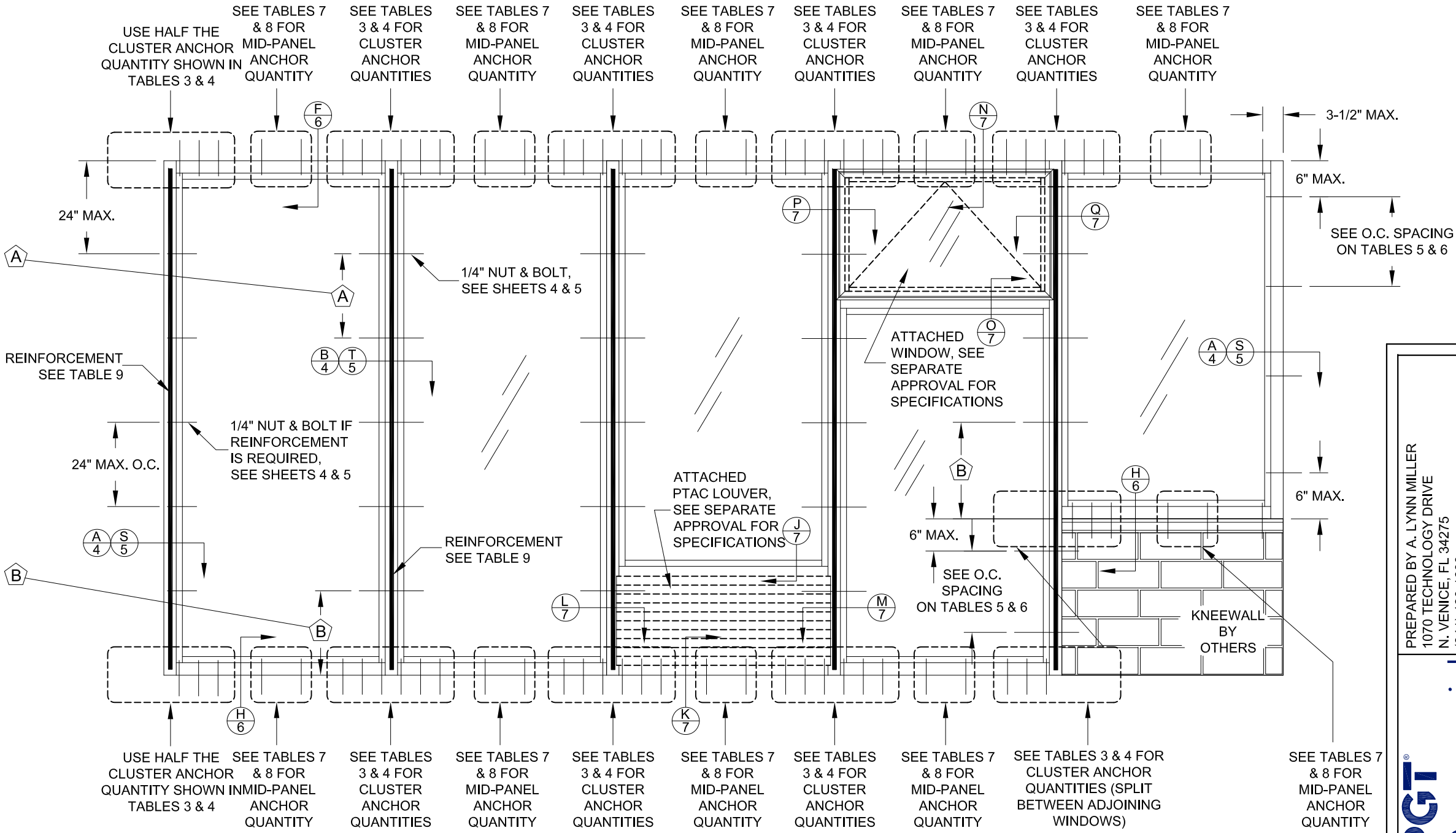
1 OF 16

SS3520PGT



MAX. O.C. DISTANCES		
REINFORCED 5" MULLION	UNREINF. 5" MULLION	REINFORCED & UNREINFORCED 7" HD MULLION
24"	14-3/8"	24"

MAX. END DISTANCES		
REINFORCED 5" MULLION	UNREINF. 5" MULLION	REINFORCED & UNREINFORCED 7" HD MULLION
24"	12-7/8"	24"



TYP. ELEVATION OF ANCHORLESS JAMB

TYP. ELEVATION OF STOREFRONT WINDOW SYSTEM WITH EXAMPLES OF WINDOW INSERT, PTAC INSERT & KNEEWALL

- NOTES:
- 1) IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (COMPATIBLE STOREFRONT ENTRANCE DOOR, PTAC LOUVER OR WINDOW INSERT) THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.
 - 2) SEE TABLES FOR MAXIMUM ALLOWED SIZES.
 - 3) AWNING WINDOW INSERT SHOWN BUT MAY BE ANY APPROVED PGT, CGI OR WINDOOR WINDOW WITH A FLANGED FRAME.
 - 4) SEE SHEET 8 FOR DAYLIGHT OPENING (DLO) FORMULAS.
 - 5) MULTIPLE INSERTS WITHIN THE SAME STOREFRONT WINDOW ALLOWED.

PGT Commercial

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

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

REGISTRATION #29296
COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE
TO MAKE COPIES FOR PERMITTING.

02/20/24

ALUMINUM STOREFRONT WINDOW (LM)

ELEVATION B

SS-3520A

3 OF 16

SS3520PGT

JENS ROSOWSKI

By

DATE

02/20/24

Rev.

Date

Rev.

ANTHONY LYNN MILLER

LICENSE

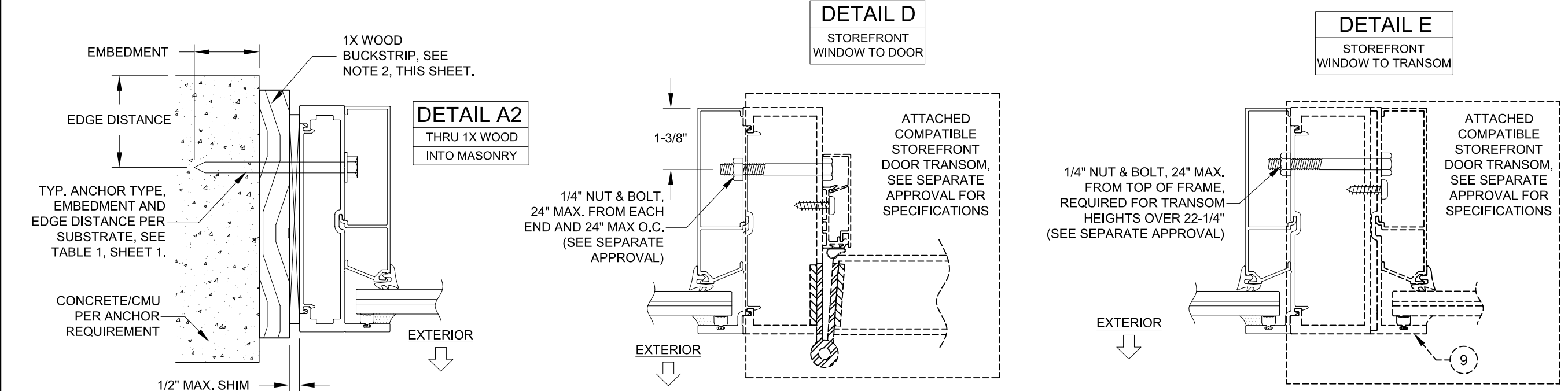
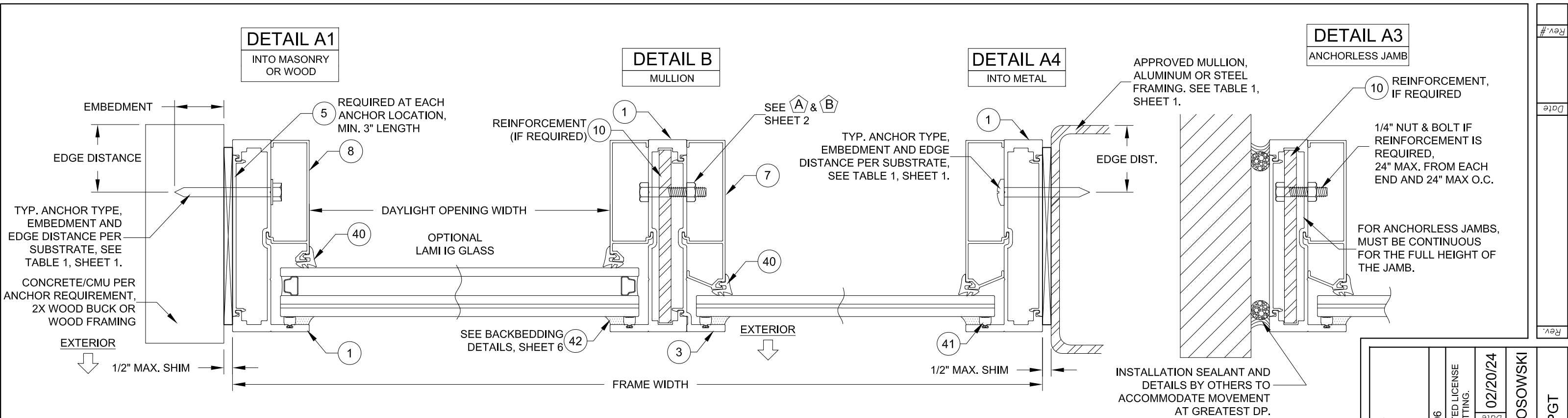
No. 58705

02/20/24

STATE OF FLORIDA

PROFESSIONAL ENGINEER

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



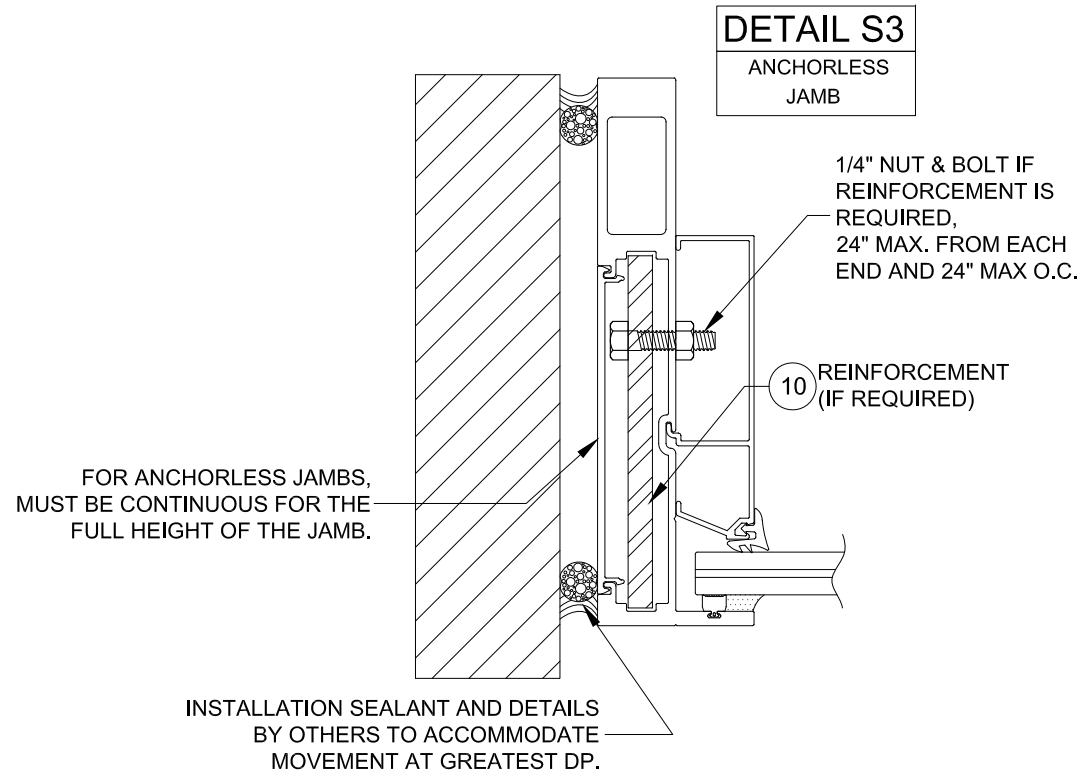
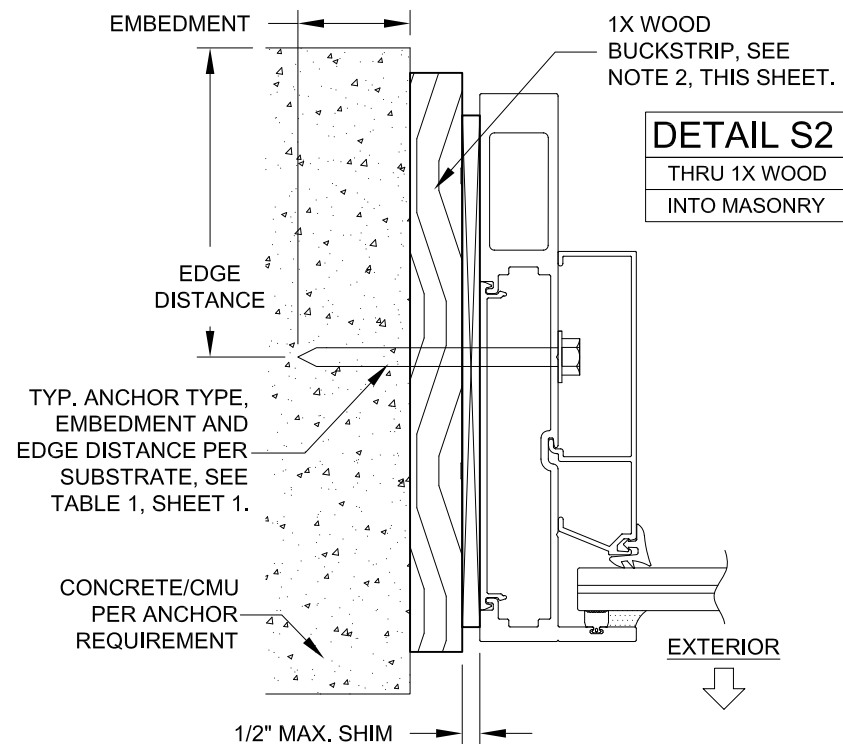
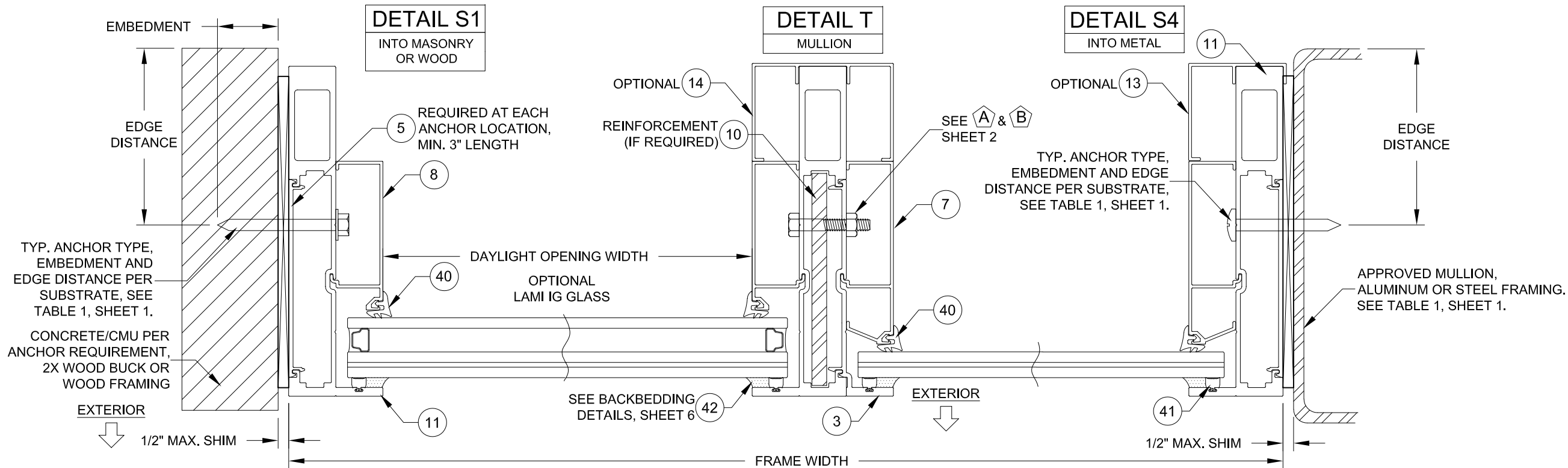
INSTALLATION NOTES:

- 1) USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE 1, SHEET 1. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW. ALL ANCHOR HEAD TYPES ARE ALLOWED.
- 2) ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL. UNIT MAY BE INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD. MAXIMUM SHIM THICKNESS TO BE AS REQUIRED BY TABLES 3-8.

PGT Commercial 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	02/20/24	JENS ROSOWSKI By ALUMINUM STOREFRONT WINDOW (LM)	SS3520PGT
	Date			
	DWC No.			
	Sheet			
HORIZONTAL X-SECTIONS		4 OF 16		
SS-3520A				

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

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/20/24
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

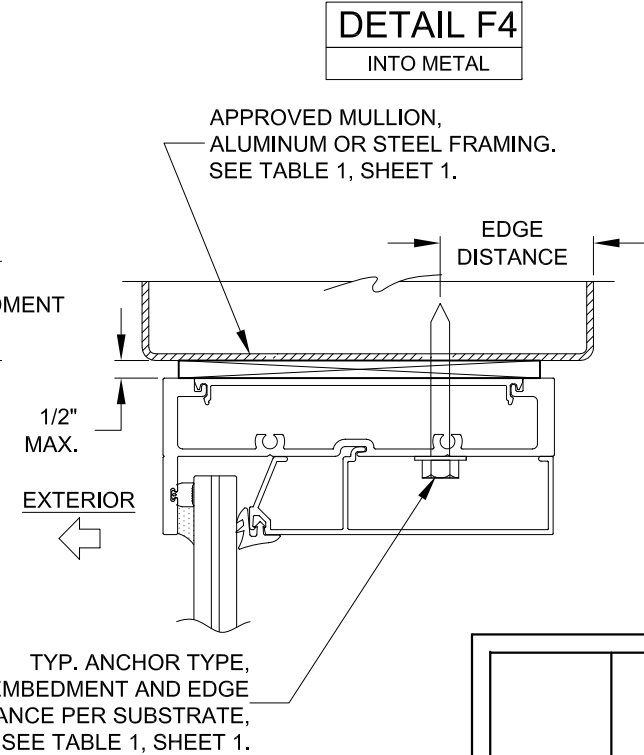
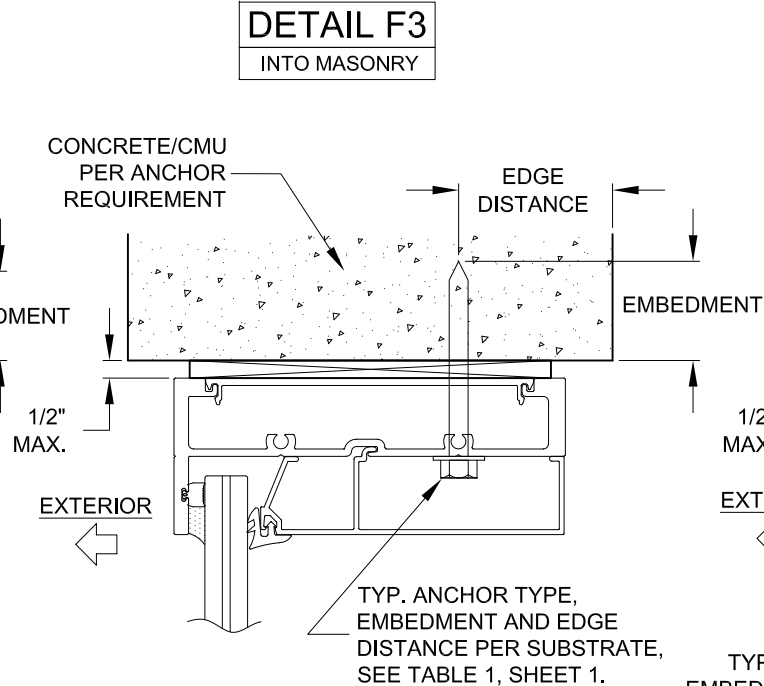
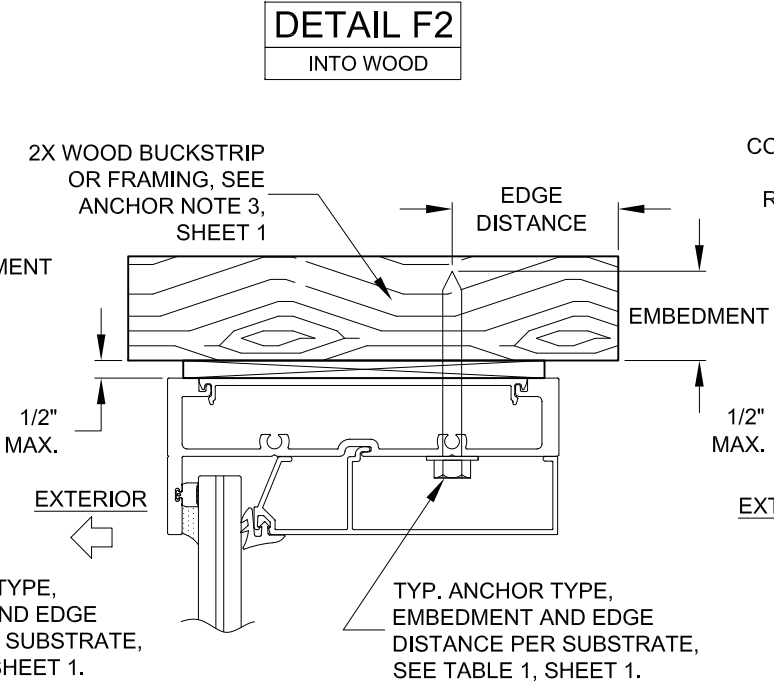
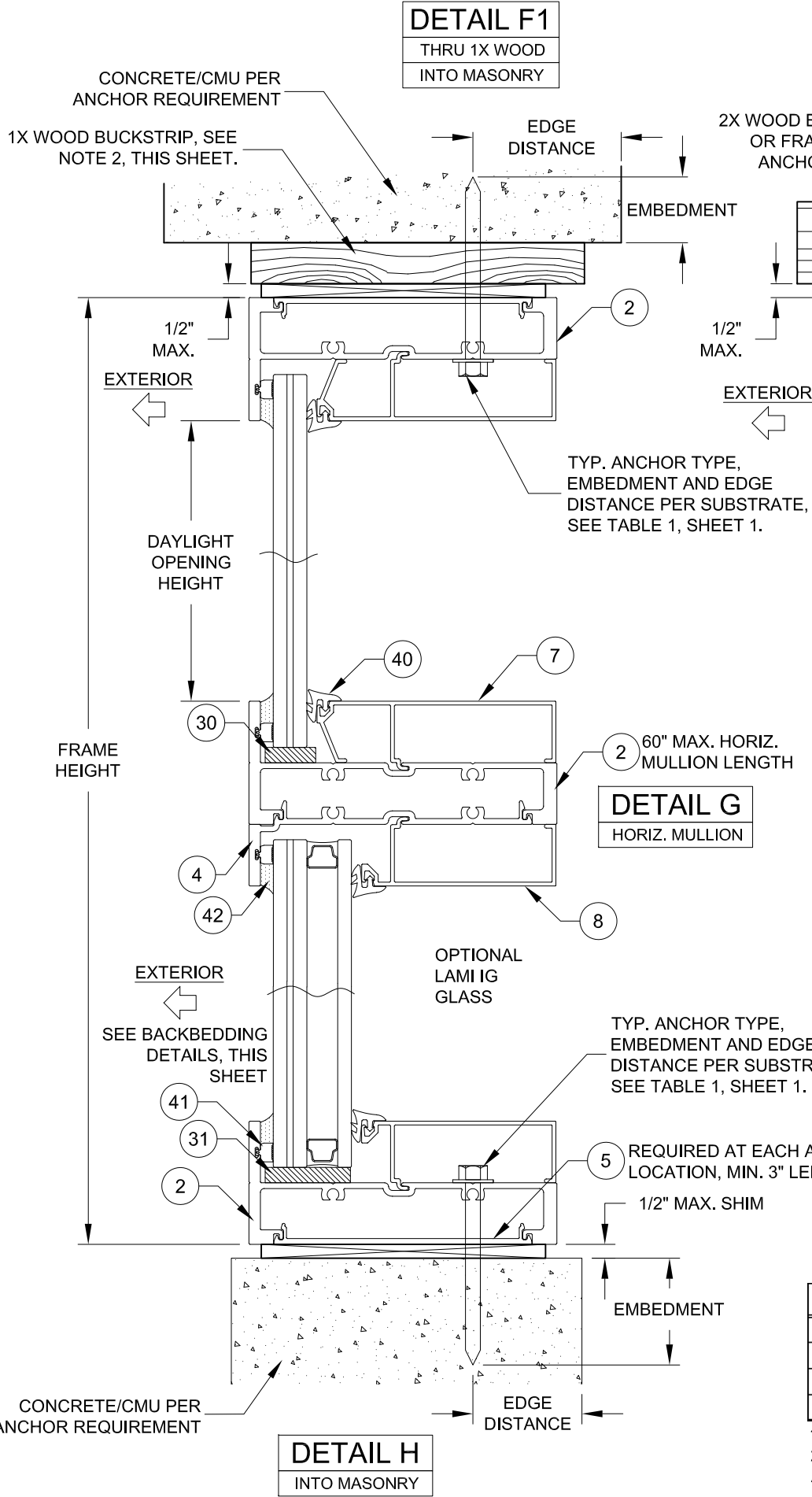


INSTALLATION NOTES:

- 1) USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE 1, SHEET 1. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW. ALL ANCHOR HEAD TYPES ARE ALLOWED.
- 2) ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL. UNIT MAY BE INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD. MAXIMUM SHIM THICKNESS TO BE AS REQUIRED BY TABLES 3-8.

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296 COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.		Date: 02/20/24		By: JENS ROSOWSKI		SS3520PGT	
PGT Commercial		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		ALUMINUM STOREFRONT WINDOW (LM)		HORIZONTAL X-SECTIONS		5 OF 16	
Series: SS-3520A		Title: SHEET		Desc: 5 OF 16		DWG No. 5 OF 16		SS3520A	

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/20/24
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



INSTALLATION NOTES:

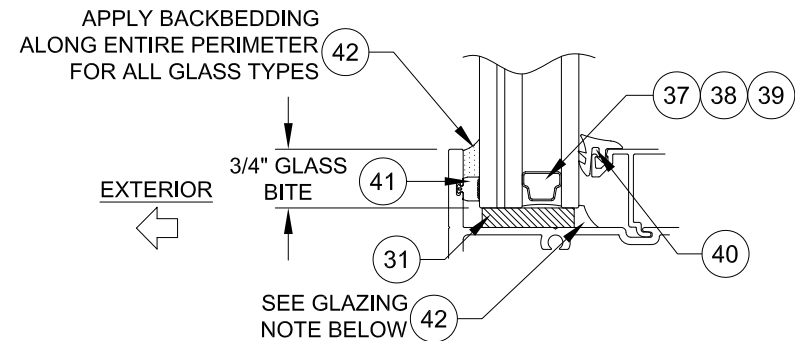
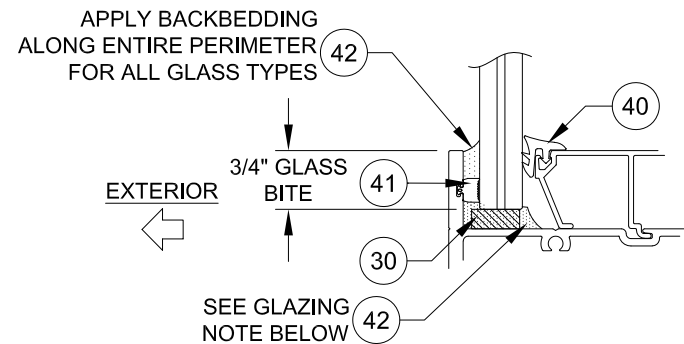
1) USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE 1, SHEET 1. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW. ALL ANCHOR HEAD TYPES ARE ALLOWED.

2) ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL. UNIT MAY BE INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD. MAXIMUM SHIM THICKNESS TO BE AS REQUIRED BY TABLES 3-8.

Glass Types	
1	9/16" Lami.: 1/4" HS, .090" PVB, 1/4" HS
2	9/16" Lami.: 1/4" HS, .090" SG, 1/4" HS
3	1-1/4" Lami. IG: 1/4" HS, .090" PVB, 1/4" HS, 7/16" Airspace, 1/4" Temp.
4	1-1/4" Lami. IG: 1/4" HS, .090" SG, 1/4" HS, 7/16" Airspace, 1/4" Temp.

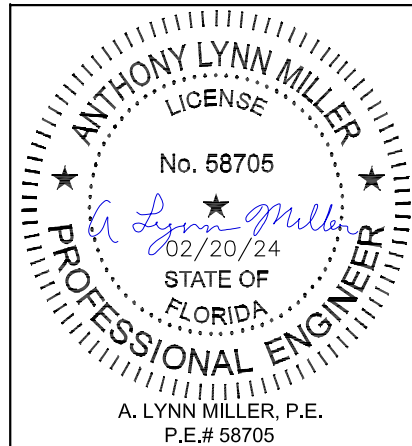
1) PVB & SG INTERLAYERS BY KURARAY AMERICA, INC.
2) GLAZING FOR ALL GLASS TYPES MEETS ASTM E1300 FOR ALL APPROVED SIZES.

GLAZING DETAILS

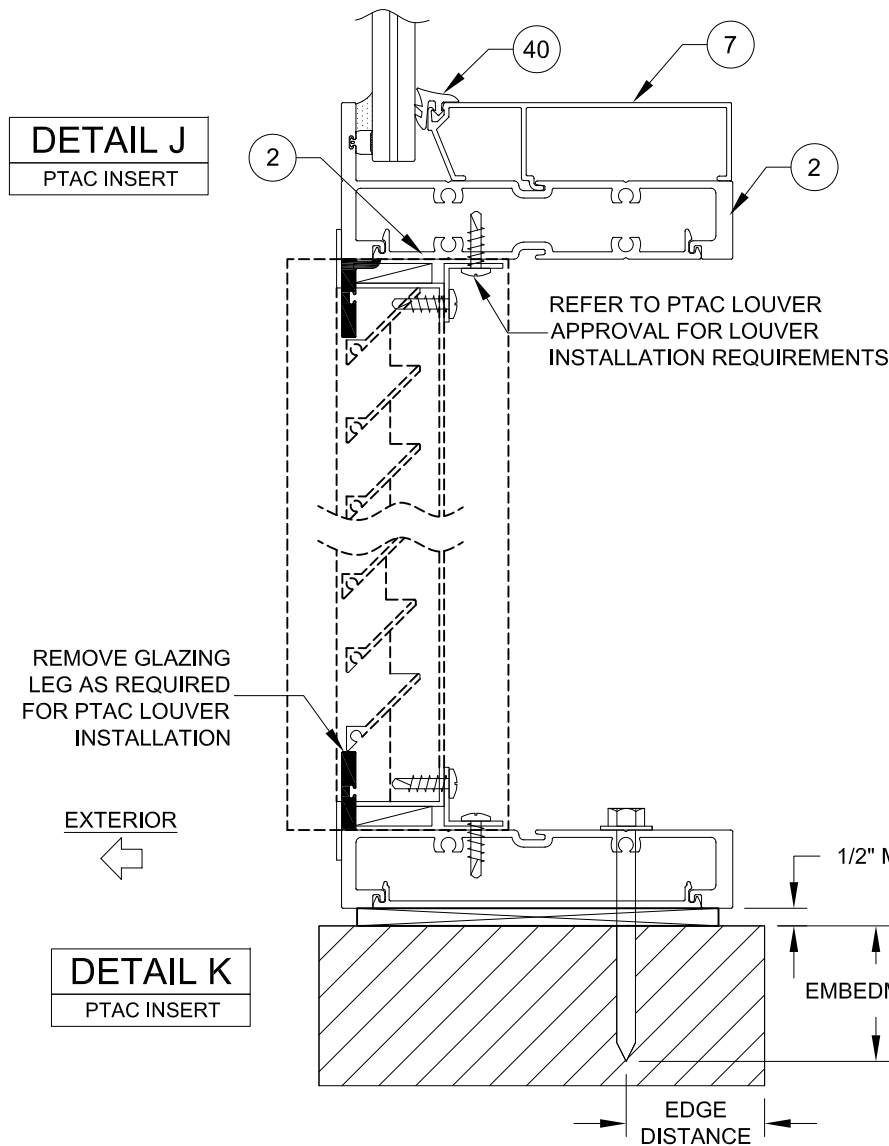


GLAZING NOTE:
FOR GLASS TYPES 1 & 3:
APPLY BACKBEDDING ALONG ENTIRE PERIMETER
FOR GLASS TYPES 2, 4, 5 & 6:
APPLY BACKBEDDING ALONG 20" FROM EACH CORNER

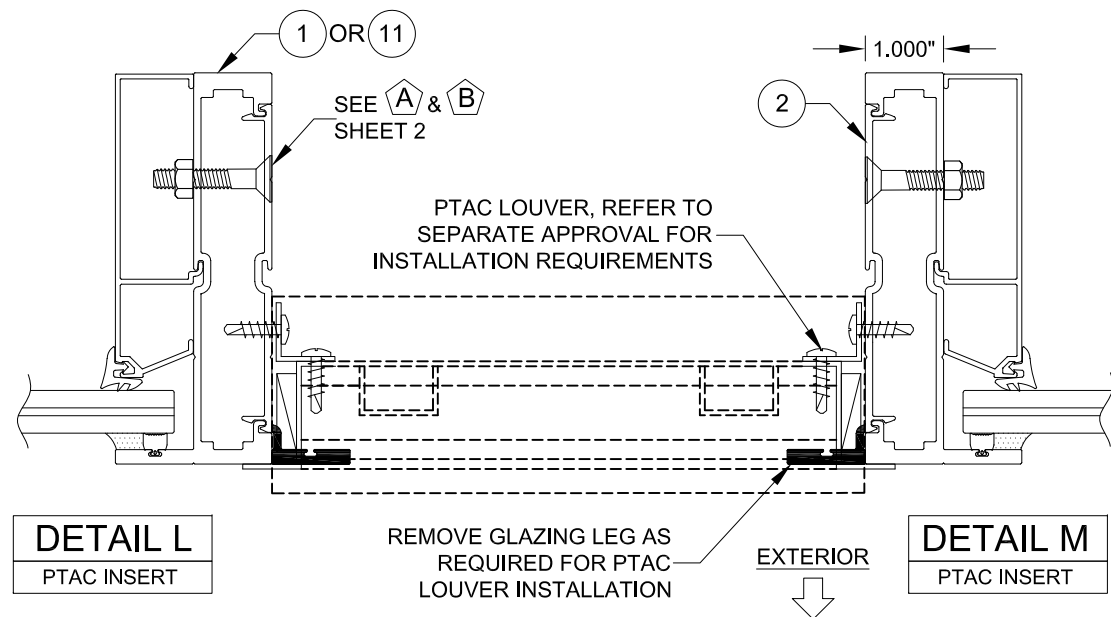
PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	REGISTRATION #29296 COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	02/20/24	JENS ROSOWSKI	SS3520PGT
PGT Commercial 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM STOREFRONT WINDOW (LM)	VERTICAL X-SECTIONS	SS-3520A	6 OF 16



DETAIL J
PTAC INSERT



DETAIL K
PTAC INSERT



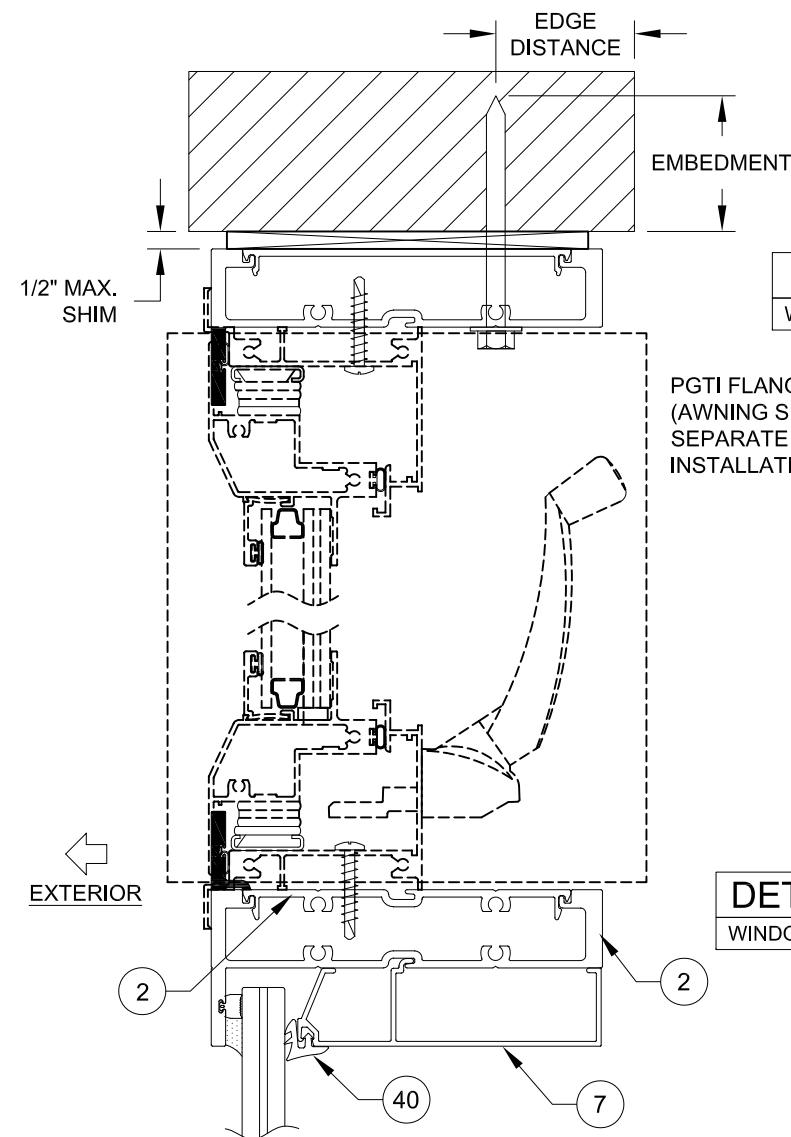
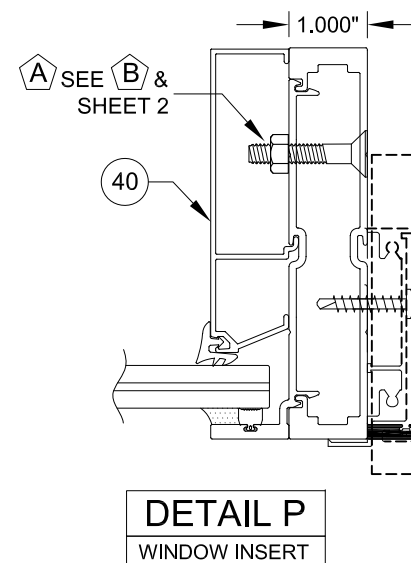
PTAC LOUVER & WINDOW INSERT NOTES:

- 1) REFER TO SEPARATE WINDOW APPROVAL FOR ALL WINDOW INSERT REQUIREMENTS AND INSTALLATION.
- 2) AWNING WINDOW INSERT SHOWN BUT MAY BE ANY APPROVED PGTI WINDOW WITH A FLANGED FRAME.
- 3) REFER TO PTAC LOUVER APPROVAL FOR ALL PTAC LOUVER REQUIREMENTS AND INSTALLATION.
- 4) IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (PTAC LOUVER OR WINDOW INSERT) THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.

INSTALLATION NOTES:

- 1) USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE 1, SHEET 1. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW. ALL ANCHOR HEAD TYPES ARE ALLOWED.
- 2) ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL. UNIT MAY BE INSTALLED DIRECTLY TO SUBSTRATE. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD. MAXIMUM SHIM THICKNESS TO BE AS REQUIRED BY TABLES 3-8, SHEETS 5-10.

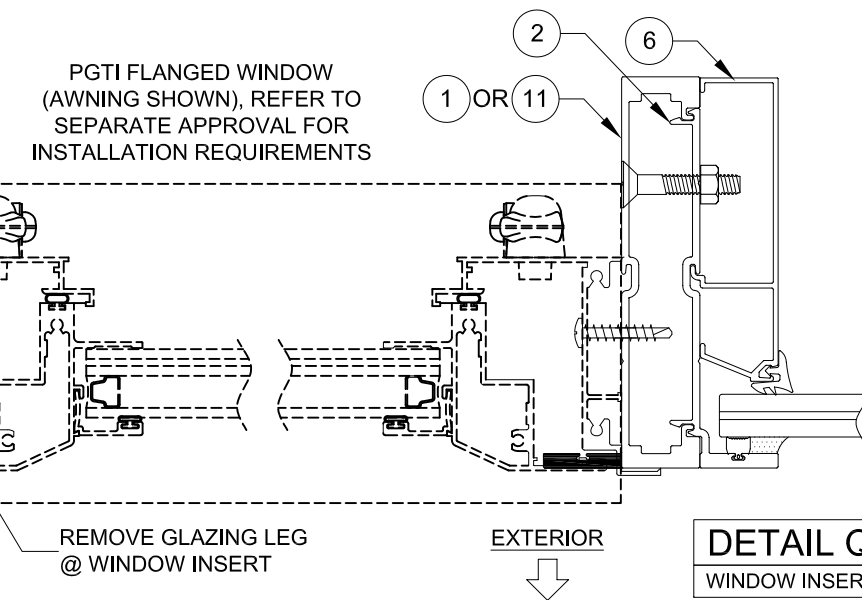
DETAIL M
PTAC INSERT



DETAIL N
WINDOW INSERT

PGTI FLANGED WINDOW (AWNING SHOWN), REFER TO SEPARATE APPROVAL FOR INSTALLATION REQUIREMENTS

DETAIL O
WINDOW INSERT



DETAIL Q
WINDOW INSERT

PREPARED BY A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600		REGISTRATION #29296 COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE TO MAKE COPIES FOR PERMITTING.	02/20/24	JENS ROSOWSKI	SS3520PGT
PGT Commercial		1070 TECHNOLOGY DRIVE N. VENICE, FL 34275 (941) 480-1600	ALUMINUM STOREFRONT WINDOW (LM)	INSERT X-SECTIONS	7 OF 16
SS-3520A		SS-3520A		SS-3520A	

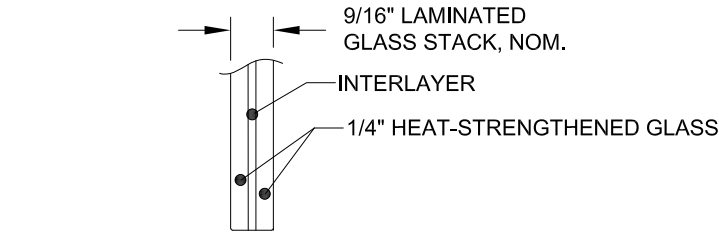
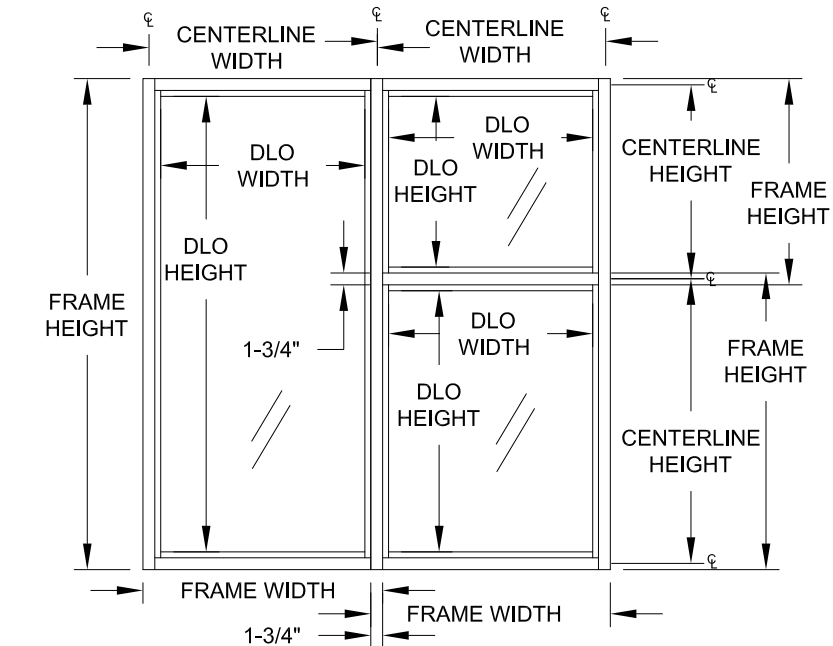
ANTHONY LYNN MILLER
LICENSE
No. 58705
02/20/24
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 2:

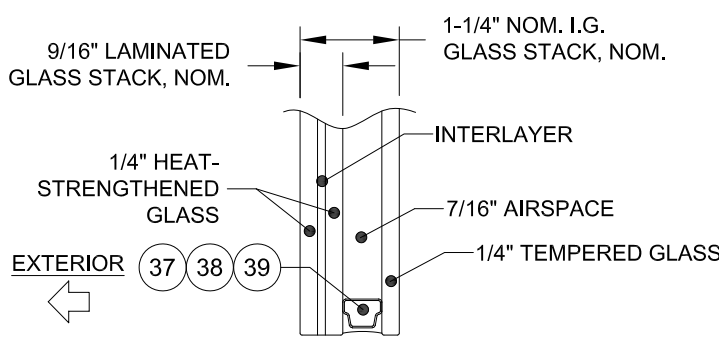
Max. DP due to Glass Limitations, psf					Max. DP due to Glass Limitations, psf					Max. DP due to Glass Limitations, psf				
Centerline Width	Frame Height	Glass Types 1 & 3	Glass Types 2 & 4	Glass Types 5 & 6	Centerline Width	Frame Height	Glass Types 1 & 3	Glass Types 2 & 4	Glass Types 5 & 6	Centerline Width	Frame Height	Glass Types 1 & 3	Glass Types 2 & 4	Glass Types 5 & 6
24"	48"	+70/-80	+90/-120	+90/-100	24"	78"	+70/-80	+90/-120	+90/-100	24"	108"	+70/-80	+90/-120	+90/-100
30"		+70/-80	+90/-120	+90/-100	30"		+70/-80	+90/-120	+90/-100	30"		+70/-80	+90/-120	+90/-100
36"		+70/-80	+90/-120	+90/-100	36"		+70/-80	+90/-120	+90/-100	36"		+70/-80	+90/-120	+90/-100
42"		+70/-80	+90/-120	+90/-100	42"		+70/-80	+90/-120	+90/-100	42"		+70/-80	+90/-120	+60/-75
48"		+70/-80	+90/-120	+90/-100	48"		+70/-80	+90/-120	+89.6/-99.6	48"			+90/-120	+60/-75
54"		+70/-80	+90/-120	+90/-100	54"		+70/-80	+90/-120	+60/-75	54"			+90/-100	+60/-75
60"		+70/-80	+90/-120	+90/-100	60"		+68.6/-78.5	+90/-120	+60/-75	60"			+90/-100	+60/-74.7
70"		+70/-80	+90/-120	+90/-100	70"			+90/-119.4	+60/-75	70"			+70/-70	+60/-68.4
72"		+70/-80	+90/-120	+90/-100	72"			+90/-118.9	+60/-75	72"			+69.3/-69.3	+60/-67.4
84"		+70/-80	+90/-120	+60/-75	84"			+90/-100	+60/-75	24"	114"	+70/-80	+90/-120	+90/-100
90"		+70/-80	+90/-120	+60/-75	90"		+90/-100	+60/-75	30"	+70/-80		+90/-120	+90/-100	
92"		+70/-80	+90/-120	+60/-75	92"		+90/-100	+60/-75	36"	+70/-80		+90/-120	+60/-75	
96"		+70/-80	+90/-120	+60/-75	96"		+70/-70	+60/-75	42"			+90/-120	+60/-75	
102"			+90/-120	+60/-75	102"		+69/-69	+60/-75	48"			+90/-120	+60/-75	
108"			+90/-120	+60/-75	108"		+66.8/-66.8	+60/-75	54"			+90/-100	+60/-75	
120"			+90/-120	+60/-75	24"	84"	+70/-80	+90/-120	+90/-100	60"			+90/-100	+60/-73.2
132"			+90/-100	+60/-75	30"		+70/-80	+90/-120	+90/-100	70"			+68.6/-68.6	+60/-66.7
144"			+90/-100	+60/-75	36"		+70/-80	+90/-120	+90/-100	72"			+67.5/-67.5	+60/-65.7
168"		+60/-60.7		42"	+70/-80		+90/-120	+90/-100	24"	120"	+70/-80	+90/-120	+90/-100	
180"		+60/-60		48"	+70/-80		+90/-120	+60/-75	30"		+70/-80	+90/-120	+90/-100	
24"	60"	+70/-80	+90/-120	+90/-100	54"		+69.2/-79.1	+90/-120	+60/-75		36"	+70/-80	+90/-120	+60/-75
30"		+70/-80	+90/-120	+90/-100	60"			+90/-119.5	+60/-75		42"		+90/-120	+60/-75
36"		+70/-80	+90/-120	+90/-100	70"			+90/-100	+60/-75		48"		+90/-120	+60/-75
42"		+70/-80	+90/-120	+90/-100	72"			+90/-100	+60/-75		54"		+90/-100	+60/-75
48"		+70/-80	+90/-120	+90/-100	84"			+90/-100	+60/-75		60"		+90/-100	+60/-71.9
54"		+70/-80	+90/-120	+90/-100	90"		+70/-70	+60/-75	70"			+67.1/-67.1	+60/-65.3	
60"		+70/-80	+90/-120	+90/-100	92"		+70/-70	+60/-75	72"			+66/-66		
70"		+70/-80	+90/-120	+60/-75	96"		+70/-70	+60/-75	24"	126"	+70/-80	+90/-120	+90/-100	
72"		+70/-80	+90/-120	+60/-75	102"		+67.3/-67.3		30"		+70/-80	+90/-120	+90/-100	
84"			+90/-119.5	+60/-75	24"	90"	+70/-80	+90/-120	+90/-100		36"	+70/-80	+90/-120	+60/-75
90"			+90/-115.2	+60/-75	30"		+70/-80	+90/-120	+90/-100		42"		+90/-120	+60/-75
92"			+90/-114	+60/-75	36"		+70/-80	+90/-120	+90/-100		48"		+90/-100	+60/-75
96"			+90/-111.7	+60/-75	42"		+70/-80	+90/-120	+90/-100		54"		+90/-100	+60/-75
102"			+90/-100	+60/-75	48"		+70/-80	+90/-120	+60/-75		60"		+70/-70	+60/-70.8
108"			+90/-100	+60/-75	54"			+90/-120	+60/-75	24"	132"	+70/-80	+90/-120	+90/-100
120"			+90/-100	+60/-75	60"			+90/-115.2	+60/-75	30"		+70/-80	+90/-120	+90/-75
132"			+70/-70	+60/-75	70"			+90/-100	+60/-75	36"			+90/-120	+60/-75
144"			+70/-70		72"			+90/-100	+60/-74.9	42"			+90/-120	+60/-75
24"	72"	+70/-80	+90/-120	+90/-100	84"			+70/-70	+60/-74.2	48"			+90/-100	+60/-75
30"		+70/-80	+90/-120	+90/-100	90"		+70/-70	+60/-72.2	54"			+90/-100	+60/-75	
36"		+70/-80	+90/-120	+90/-100	92"		+70/-70	+60/-71.9	60"		+70/-70	+60/-69.8		
42"		+70/-80	+90/-120	+90/-100	96"		+69.6/-69.6	+60/-71.9	24"	138"	+70/-80	+90/-120	+90/-100	
48"		+70/-80	+90/-120	+90/-100	24"	97-3/4"	+70/-80	+90/-120	+90/-100		30"	+70/-80	+90/-120	+60/-75
54"		+70/-80	+90/-120	+60/-75	30"		+70/-80	+90/-120	+90/-100		36"		+90/-120	+60/-75
60"		+70/-80	+90/-120	+60/-75	36"		+70/-80	+90/-120	+90/-100		42"		+90/-100	+60/-75
70"			+90/-120	+60/-75	42"		+70/-80	+90/-120	+60/-75		48"		+90/-100	+60/-75
72"			+90/-120	+60/-75	48"		+70/-80	+90/-120	+60/-75		54"		+65.6/-65.6	+60/-74.5
84"			+90/-100	+60/-75	54"			+90/-117.9	+60/-75	60"		+70/-70	+60/-68.9	
90"			+90/-100	+60/-75	60"			+90/-100	+60/-75	24"	144"	+70/-80	+90/-120	+90/-100
92"			+90/-100	+60/-75	70"			+90/-100	+60/-75	30"		+70/-80	+90/-120	+60/-75
96"			+90/-100	+60/-75	72"			+89/-99	+60/-71.1	36"			+90/-120	+60/-75
102"			+70/-70	+60/-75	84"			+69.4/-69.4	+60/-67.5	42"			+90/-100	+60/-75
108"			+69.3/-69.3	+60/-75	24"	102"	+70/-80	+90/-120	+90/-100	48"			+90/-100	+60/-75
120"			+66/-66		30"		+70/-80	+90/-120	+90/-100	54"			+70/-70	+60/-73.7
					36"		+70/-80	+90/-120	+90/-100	60"		+70/-70		
					42"		+70/-80	+90/-120	+60/-75	24"	168"		+60/-75	+60/-75
				48"			+90/-120	+60/-75	30"			+60/-75	+60/-75	
				54"			+90/-116.1	+60/-75	36"			+60/-75	+60/-75	
				60"			+90/-100	+60/-75	42"			+60/-67.9	+60/-75	
				70"			+88.1/-97.9	+60/-70.4	48"			+60/-60.7	+60/-75	
				72"			+70/-70	+60/-70.1	24"	180"		+60/-75	+60/-75	
				84"			+67.3/-67.3	+60/-69.4	30"			+60/-75	+60/-75	
								36"			+60/-75	+60/-75		
								42"			+60/-67.3	+60/-75		
										48"		+60/-60		

1) IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (COMPATIBLE STOREFRONT ENTRANCE DOOR, PTAC LOUVER OR WINDOW INSERT) THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.

2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.



GLASS TYPE 1 (PVB INTERLAYER)
GLASS TYPE 2 (SG INTERLAYER)
GLASS TYPE 5 (PVB PLUS INTERLAYER)



GLASS TYPE 3 (PVB INTERLAYER)
GLASS TYPE 4 (SG INTERLAYER)
GLASS TYPE 6 (PVB PLUS INTERLAYER)

DLO (DAYLIGHT OPENING) FORMULAS:

- FRAME WIDTH - 4" = DLO WIDTH
- FRAME HEIGHT - 4" = DLO HEIGHT
- CENTERLINE WIDTH - 3" = DLO WIDTH
- CENTERLINE HEIGHT - 3" = DLO HEIGHT
- CENTERLINE WIDTH - 1-1/2" = GLASS WIDTH
- CENTERLINE HEIGHT - 1-1/2" = GLASS HEIGHT
- FRAME WIDTH - 2-1/2" = GLASS WIDTH
- FRAME HEIGHT - 2-1/2" = GLASS HEIGHT

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

REGISTRATION #29296
COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE
TO MAKE COPIES FOR PERMITTING.

02/20/24

JENS ROSOWSKI

ALUMINUM STOREFRONT WINDOW (LM)

TABLE 2

SS-3520A

SS3520PGT

PGT
Commercial

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

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/20/24
STATE OF
FLORIDA
A. LYNN MILLER, P.E.
P.E.# 58705

PROFESSIONAL ENGINEER

TABLE 3:

Mullion Anchor Cluster DP at Head/Sill, (+/- psf)										Shim Thickness: 1/4"	
Average Centerline Width	Frame Height	Group "A" Anchor Quantity		Group "B" Anchor Quantity		Group "C" Anchor Quantity		Group "D" Anchor Quantity			
		4	6	4	6	4	6	4	6		
24"	48"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
30"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
42"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
54"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
60"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
70"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
72"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
84"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
90"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
92"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
102"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
120"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
132"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
144"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
168"	60"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0		
180"		75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0		
24"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
30"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
42"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
54"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
60"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
70"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
72"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
84"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
90"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
92"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
102"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
120"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
132"	72"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
144"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
24"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
30"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
42"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
54"		120.0	120.0	118.5	120.0	120.0	120.0	120.0	120.0		
60"		120.0	120.0	114.3	120.0	120.0	120.0	120.0	120.0		
70"		120.0	120.0	111.2	120.0	120.0	120.0	120.0	120.0		
72"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
84"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
90"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
92"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
96"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
102"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
108"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
120"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
24"	78"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
30"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
42"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
48"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
54"		120.0	120.0	104.6	120.0	120.0	120.0	120.0	120.0		
60"		118.1	120.0	100.0	120.0	120.0	120.0	120.0	120.0		
70"		113.0	120.0	95.7	120.0	120.0	120.0	120.0	120.0		
72"		112.5	120.0	95.2	120.0	120.0	120.0	120.0	120.0		
84"		111.8	120.0	94.7	120.0	120.0	120.0	120.0	120.0		
90"		111.8	120.0	94.7	120.0	120.0	120.0	120.0	120.0		
92"		111.8	120.0	94.7	120.0	120.0	120.0	120.0	120.0		
96"		111.8	120.0	94.7	120.0	120.0	120.0	120.0	120.0		
102"		111.8	120.0	94.7	120.0	120.0	120.0	120.0	120.0		
108"		111.8	120.0	94.7	120.0	120.0	120.0	120.0	120.0		

1) IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (COMPATIBLE STOREFRONT ENTRANCE DOOR, PTAC LOUVER OR WINDOW INSERT) THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.

2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.

Mullion Anchor Cluster DP at Head/Sill, (+/- psf)											Shim Thickness: 1/4"		
Average Centerline Width	Frame Height	Group "A"			Group "B"			Group "C"			Group "D"		
		Anchor Quantity			Anchor Quantity			Anchor Quantity			Anchor Quantity		
		4	6	8	4	6	8	4	6	8	4	6	
24"	84"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
30"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42"		120.0	120.0	120.0	108.8	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
48"		118.1	120.0	120.0	100.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
54"		110.5	120.0	120.0	93.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
60"		105.0	120.0	120.0	88.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
70"		99.2	120.0	120.0	84.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
72"		98.4	120.0	120.0	83.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
84"		96.4	120.0	120.0	81.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
90"		96.4	120.0	120.0	81.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
92"		96.4	120.0	120.0	81.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
96"	96.4	120.0	120.0	81.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
102"	96.4	120.0	120.0	81.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
24"	90"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
30"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
36"		120.0	120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42"		117.4	120.0	120.0	99.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
48"		107.4	120.0	120.0	90.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
54"		100.0	120.0	120.0	84.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
60"		94.5	120.0	120.0	80.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
70"		88.4	120.0	120.0	74.8	112.2	120.0	112.2	120.0	120.0	120.0	120.0	
72"		87.5	120.0	120.0	74.1	111.1	120.0	111.1	120.0	120.0	120.0	120.0	
84"		84.4	120.0	120.0	71.4	107.1	120.0	107.1	120.0	120.0	120.0	120.0	
90"		84.0	120.0	120.0	71.1	106.7	120.0	106.7	120.0	120.0	120.0	120.0	
92"		84.0	120.0	120.0	71.1	106.7	120.0	106.7	120.0	120.0	120.0	120.0	
96"	84.0	120.0	120.0	71.1	106.7	120.0	106.7	120.0	120.0	120.0	120.0		
24"	97-3/4"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
30"		120.0	120.0	120.0	116.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
36"		118.5	120.0	120.0	100.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42"		105.5	120.0	120.0	89.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
48"		96.1	120.0	120.0	81.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
54"		89.0	120.0	120.0	75.4	113.1	120.0	113.1	120.0	120.0	120.0	120.0	
60"		83.7	120.0	120.0	70.8	106.3	120.0	106.3	120.0	120.0	120.0	120.0	
70"		77.4	116.2	120.0	65.6	98.3	120.0	98.3	120.0	120.0	120.0	120.0	
72"		76.5	114.8	120.0	64.8	97.2	120.0	97.2	120.0	120.0	120.0	120.0	
84"		72.6	109.0	120.0	61.5	92.2	120.0	92.2	120.0	120.0	120.0	120.0	
24"		102"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30"			120.0	120.0	120.0	110.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36"	112.5		120.0	120.0	95.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42"	100.0		120.0	120.0	84.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
48"	90.9		120.0	120.0	76.9	115.4	120.0	115.4	120.0	120.0	120.0	120.0	
54"	84.0		120.0	120.0	71.1	106.7	120.0	106.7	120.0	120.0	120.0	120.0	
60"	78.7		118.1	120.0	66.7	100.0	120.0	100.0	120.0	120.0	120.0	120.0	
70"	72.5		108.8	120.0	61.4	92.1	120.0	92.1	120.0	120.0	120.0	120.0	
72"	71.6		107.4	120.0	60.6	90.9	120.0	90.9	120.0	120.0	120.0	120.0	
84"	67.5		101.2	120.0	57.1	85.7	114.3	85.7	120.0	120.0	120.0	120.0	
24"	108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30"			120.0	120.0	120.0	103.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36"		105.0	120.0	120.0	88.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42"		93.1	120.0	120.0	78.8	118.2	120.0	118.2	120.0	120.0	120.0	120.0	
48"		84.4	120.0	120.0	71.4	107.1	120.0	107.1	120.0	120.0	120.0	120.0	
54"		77.8	116.7	120.0	65.8	98.8	120.0	98.8	120.0	120.0	120.0	120.0	
60"		72.7	109.0	120.0	61.5	92.3	120.0	92.3	120.0	120.0	120.0	120.0	
70"		66.6	99.9	120.0	56.4	84.5	112.7	84.5	120.0	120.0	120.0	120.0	
72"		65.6	98.4	120.0	55.6	83.3	111.1	83.3	120.0	120.0	120.0	120.0	
24"		114"	120.0	120.0	120.0	117.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30"			114.5	120.0	120.0	97.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36"			98.4	120.0	120.0	83.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42"	87.1		120.0	120.0	73.7	110.6	120.0	110.6	120.0	120.0	120.0	120.0	
48"	78.7		118.1	120.0	66.7	100.0	120.0	100.0	120.0	120.0	120.0	120.0	
54"	72.4		108.6	120.0	61.3	92.0	120.0	92.0	120.0	120.0	120.0	120.0	
60"	67.5		101.2	120.0	57.1	85.7	114.3	85.7	120.0	120.0	120.0	120.0	
70"	61.5		92.3	120.0	52.1	78.1	104.2	78.1	117.2	120.0	120.0	120.0	
72"	60.6		90.9	120.0	51.3	76.9	102.6	76.9	115.4	120.0	120.0	120.0	

TABLE 4:

Mullion Anchor Cluster DP at Head/Sill, (+/- psf)								Shim Thickness: 1/2"			
Average Centerline Width	Frame Height	Group "A" Anchor Quantity		Group "B" Anchor Quantity		Group "C" Anchor Quantity		Group "D" Anchor Quantity			
		4	6	4	6	4	6	4	6		
24"	48"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
30"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
42"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
54"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
60"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
70"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
72"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
84"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
90"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
92"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
102"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
120"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
132"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
144"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
168"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0			
180"	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0			
24"	60"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
30"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
42"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
54"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
60"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
70"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
72"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
84"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
90"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
92"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
96"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
102"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
108"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
120"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
132"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
144"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
24"	72"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
30"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
42"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
48"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0		
54"		120.0	120.0	118.5	120.0	120.0	120.0	120.0	120.0		
60"		120.0	120.0	114.3	120.0	120.0	120.0	120.0	120.0		
70"		120.0	120.0	111.2	120.0	120.0	120.0	120.0	120.0		
72"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
84"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
90"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
92"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
96"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
102"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
108"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
120"		120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0		
24"		78"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
30"			120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
36"	120.0		120.0	120.0	120.0	120.0	120.0	120.0	120.0		
42"	120.0		120.0	120.0	120.0	120.0	120.0	120.0	120.0		
48"	120.0		120.0	111.1	120.0	120.0	120.0	120.0	120.0		
54"	120.0		120.0	104.6	120.0	120.0	120.0	120.0	120.0		
60"	118.1		120.0	100.0	120.0	120.0	120.0	120.0	120.0		
70"	113.0		120.0	95.7	120.0	120.0	120.0	120.0	120.0		
72"	112.5		120.0	95.2	120.0	120.0	120.0	120.0	120.0		
84"	111.8		120.0	94.7	120.0	120.0	120.0	120.0	120.0		
90"	111.8		120.0	94.7	120.0	120.0	120.0	120.0	120.0		
92"	111.8		120.0	94.7	120.0	120.0	120.0	120.0	120.0		
96"	111.8		120.0	94.7	120.0	120.0	120.0	120.0	120.0		
102"	111.8		120.0	94.7	120.0	120.0	120.0	120.0	120.0		
108"	111.8		120.0	94.7	120.0	120.0	120.0	120.0	120.0		
120"	111.8		120.0	94.7	120.0	120.0	120.0	120.0	120.0		

1) IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (COMPATIBLE STOREFRONT ENTRANCE DOOR, PTAC LOUVER OR WINDOW INSERT) THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.

2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.

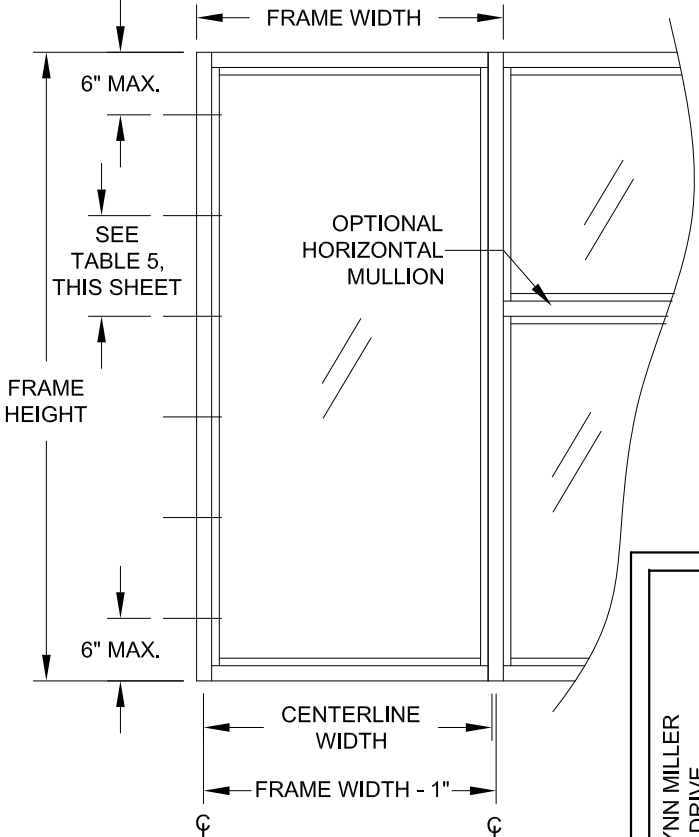
Mullion Anchor Cluster DP at Head/Sill, (+/- psf)											Shim Thickness: 1/2"		
Average Centerline Width	Frame Height	Group "A"			Group "B"			Group "C"			Group "D"		
		Anchor Quantity			Anchor Quantity			Anchor Quantity			Anchor Quantity		
		4	6	8	4	6	8	4	6	8	4	6	
24"	84"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
30"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
36"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42"		120.0	120.0	120.0	108.8	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
48"		118.1	120.0	120.0	100.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
54"		110.5	120.0	120.0	93.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
60"		105.0	120.0	120.0	88.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
70"		99.2	120.0	120.0	84.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
72"		98.4	120.0	120.0	83.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
84"		96.4	120.0	120.0	81.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
90"		96.4	120.0	120.0	81.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
92"		96.4	120.0	120.0	81.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
96"		96.4	120.0	120.0	81.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
102"		96.4	120.0	120.0	81.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
24"	90"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
30"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
36"		120.0	120.0	120.0	111.1	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42"		117.4	120.0	120.0	99.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
48"		107.4	120.0	120.0	90.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
54"		100.0	120.0	120.0	84.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
60"		94.5	120.0	120.0	80.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
70"		88.4	120.0	120.0	74.8	112.2	120.0	112.2	120.0	120.0	120.0	120.0	
72"		87.5	120.0	120.0	74.1	111.1	120.0	111.1	120.0	120.0	120.0	120.0	
84"		84.4	120.0	120.0	71.4	107.1	120.0	107.1	120.0	120.0	120.0	120.0	
90"		84.0	120.0	120.0	71.1	106.7	120.0	106.7	120.0	120.0	120.0	120.0	
92"		84.0	120.0	120.0	71.1	106.7	120.0	106.7	120.0	120.0	120.0	120.0	
96"		84.0	120.0	120.0	71.1	106.7	120.0	106.7	120.0	120.0	120.0	120.0	
24"		97-3/4"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30"	120.0		120.0	120.0	116.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
36"	118.5		120.0	120.0	100.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
42"	105.5		120.0	120.0	89.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
48"	96.1		120.0	120.0	81.4	120.0	120.0	120.0	120.0	120.0	120.0	120.0	
54"	89.0		120.0	120.0	75.4	113.1	120.0	113.1	120.0	120.0	120.0	120.0	
60"	83.7		120.0	120.0	70.8	106.3	120.0	106.3	120.0	120.0	120.0	120.0	
70"	77.4		116.2	120.0	65.6	98.3	120.0	98.3	120.0	120.0	120.0	120.0	
72"	76.5		114.8	120.0	64.8	97.2	120.0	97.2	120.0	120.0	120.0	120.0	
84"	72.6		109.0	120.0	61.5	92.2	120.0	92.2	120.0	120.0	120.0	120.0	
24"	102"		120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30"			120.0	120.0	120.0	110.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36"			112.5	120.0	120.0	95.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42"			100.0	120.0	120.0	84.7	120.0	120.0	120.0	120.0	120.0	120.0	120.0
48"		90.9	120.0	120.0	76.9	115.4	120.0	115.4	120.0	120.0	120.0	120.0	
54"		84.0	120.0	120.0	71.1	106.7	120.0	106.7	120.0	120.0	120.0	120.0	
60"		78.7	118.1	120.0	66.7	100.0	120.0	100.0	120.0	120.0	120.0	120.0	
70"		72.5	108.8	120.0	61.4	92.1	120.0	92.1	120.0	120.0	120.0	120.0	
72"		71.6	107.4	120.0	60.6	90.9	120.0	90.9	120.0	120.0	120.0	120.0	
84"		67.5	101.2	120.0	57.1	85.7	114.3	85.7	120.0	120.0	120.0	120.0	
24"		108"	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30"			120.0	120.0	120.0	103.2	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36"			105.0	120.0	120.0	88.9	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42"			93.1	120.0	120.0	78.8	118.2	120.0	118.2	120.0	120.0	120.0	120.0
48"	84.4		120.0	120.0	71.4	107.1	120.0	107.1	120.0	120.0	120.0	120.0	
54"	77.8		116.7	120.0	65.8	98.8	120.0	98.8	120.0	120.0	120.0	120.0	
60"	72.7		109.0	120.0	61.5	92.3	120.0	92.3	120.0	120.0	120.0	120.0	
70"	66.6		99.9	120.0	56.4	84.5	112.7	84.5	120.0	120.0	120.0	120.0	
72"	65.6		98.4	120.0	55.6	83.3	111.1	83.3	120.0	120.0	120.0	120.0	
24"	114"		120.0	120.0	120.0	117.6	120.0	120.0	120.0	120.0	120.0	120.0	120.0
30"			114.5	120.0	120.0	97.0	120.0	120.0	120.0	120.0	120.0	120.0	120.0
36"			98.4	120.0	120.0	83.3	120.0	120.0	120.0	120.0	120.0	120.0	120.0
42"			87.1	120.0	120.0	73.7	110.6	120.0	110.6	120.0	120.0	120.0	120.0
48"			78.7	118.1	120.0	66.7	100.0	120.0	100.0	120.0	120.0	120.0	120.0
54"		72.4	108.6	120.0	61.3	92.0	120.0	92.0	120.0	120.0	120.0	120.0	
60"		67.5	101.2	120.0	57.1	85.7	114.3	85.7	120.0	120.0	120.0	120.0	
70"		61.5	92.3	120.0	52.1	78.1	104.2	78.1	117.2	120.0	120.0	120.0	
72"		60.6	90.9	120.0	51.3	76.9	102.6	76.9	115.4	120.0	120.0	120.0	

TABLE 5:

Jamb Anchor Spacing		Shim Thickness = 1/4"			
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors
Centerline Width	Frame Height				
24"	48"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	18"	18"	18"
54"		18"	18"	18"	18"
60"		18"	18"	18"	18"
70"		18"	18"	18"	18"
72"		18"	18"	18"	18"
84"		18"	18"	18"	18"
90"		18"	18"	18"	18"
92"		18"	18"	18"	18"
96"		18"	18"	18"	18"
102"		18"	18"	18"	18"
108"		18"	18"	18"	18"
120"		18"	18"	18"	18"
132"		18"	18"	18"	18"
144"		18"	18"	18"	18"
168"		18"	18"	18"	18"
180"		18"	18"	18"	18"
24"	60"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	18"	18"	18"
54"		18"	18"	18"	18"
60"		18"	18"	18"	18"
70"		18"	18"	18"	18"
72"		18"	18"	18"	18"
84"		18"	18"	18"	18"
90"		18"	18"	18"	18"
92"		18"	18"	18"	18"
96"		18"	18"	18"	18"
102"		18"	18"	18"	18"
108"		18"	18"	18"	18"
120"		18"	18"	18"	18"
132"		18"	18"	18"	18"
144"		18"	18"	18"	18"
24"	72"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	18"	18"	18"
54"		18"	18"	18"	18"
60"		18"	18"	18"	18"
70"		18"	18"	18"	18"
72"		18"	18"	18"	18"
84"		18"	18"	18"	18"
90"		18"	18"	18"	18"
92"		18"	18"	18"	18"
96"		18"	18"	18"	18"
102"		18"	18"	18"	18"
108"		18"	18"	18"	18"
120"		18"	18"	18"	18"
132"		18"	18"	18"	18"
144"		18"	18"	18"	18"

Jamb Anchor Spacing		Shim Thickness = 1/4"			
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors
Centerline Width	Frame Height				
24"	78"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	16-1/2"	18"	18"
54"		18"	16-1/2"	18"	18"
60"		16-1/2"	16-1/2"	18"	18"
70"		16-1/2"	13-3/16"	18"	18"
72"		16-1/2"	13-3/16"	18"	18"
84"		16-1/2"	13-3/16"	18"	18"
90"		16-1/2"	13-3/16"	18"	18"
92"		16-1/2"	13-3/16"	18"	18"
96"		16-1/2"	13-3/16"	18"	18"
102"		16-1/2"	13-3/16"	18"	18"
108"		16-1/2"	13-3/16"	18"	18"
24"	84"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	18"	18"	18"
54"		18"	14-3/8"	18"	18"
60"		18"	14-3/8"	18"	18"
70"		18"	14-3/8"	18"	18"
72"		18"	14-3/8"	18"	18"
84"		18"	14-3/8"	18"	18"
90"		18"	14-3/8"	18"	18"
92"		18"	14-3/8"	18"	18"
96"		18"	14-3/8"	18"	18"
102"		18"	14-3/8"	18"	18"
24"	90"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	15-5/8"	18"	18"
54"		18"	15-5/8"	18"	18"
60"		15-5/8"	15-5/8"	18"	18"
70"		15-5/8"	13"	18"	18"
72"		15-5/8"	13"	18"	18"
84"		15-5/8"	13"	18"	18"
90"		15-5/8"	13"	18"	18"
92"		15-5/8"	13"	18"	18"
96"		15-5/8"	13"	18"	18"
24"	97-3/4"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	17-1/8"	18"	18"
48"		18"	17-1/8"	18"	18"
54"		17-1/8"	14-5/16"	18"	18"
60"		17-1/8"	14-5/16"	18"	18"
70"		14-5/16"	12-1/4"	18"	18"
72"		14-5/16"	12-1/4"	18"	18"
84"		14-5/16"	12-1/4"	17-1/8"	18"
24"	102"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	15"	18"	18"
54"		18"	15"	18"	18"
60"		15"	12-7/8"	18"	18"
70"		15"	12-7/8"	18"	18"
72"		15"	12-7/8"	18"	18"
84"		12-7/8"	11-1/4"	18"	18"

Jamb Anchor Spacing		Shim Thickness = 1/4"			
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors
Centerline Width	Frame Height				
24"	108"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	16"	18"	18"
48"		18"	16"	18"	18"
54"		16"	13-11/16"	18"	18"
60"		16"	13-11/16"	18"	18"
70"		13-11/16"	12"	18"	18"
72"		13-11/16"	12"	18"	18"
24"	114"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	17"	18"	18"
48"		17"	14-9/16"	18"	18"
54"		17"	14-9/16"	18"	18"
60"		14-9/16"	12-3/4"	18"	18"
70"		14-9/16"	11-5/16"	17"	18"
72"		14-9/16"	11-5/16"	17"	18"
24"	120"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	15-7/16"	18"	18"
54"		15-7/16"	13-1/2"	18"	18"
60"		15-7/16"	13-1/2"	18"	18"
70"		13-1/2"	12"	18"	18"
72"		13-1/2"	10-13/16"	18"	18"
24"	126"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	16-5/16"	18"	18"
54"		18"	14-1/4"	18"	18"
60"		16-5/16"	14-1/4"	18"	18"
24"	132"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	17-1/8"	18"	18"
48"		17-1/8"	15"	18"	18"
54"		15"	13-5/16"	18"	18"
60"		15"	12"	18"	18"
24"	138"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	15-3/4"	18"	18"
48"		18"	14"	18"	18"
54"		15-3/4"	14"	18"	18"
60"		14"	12-5/8"	18"	18"
24"	144"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	16-1/2"	18"	18"
48"		16-1/2"	14-11/16"	18"	18"
54"		16-1/2"	13-3/16"	18"	18"
60"		14-11/16"	12"	18"	18"
24"	168"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	18"	18"	18"
24"	180"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	18"	18"	18"
48"		18"	18"	18"	18"



1) IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (COMPATIBLE STOREFRONT ENTRANCE DOOR, PTAC LOUVER OR WINDOW INSERT) THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.

2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.

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

REGISTRATION #29296
COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE
TO MAKE COPIES FOR PERMITTING.

PGT[®]

Commercial

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

ALUMINUM STOREFRONT WINDOW (LM)

02/20/24

TABLE 5

SS-3520A

JENS ROSOWSKI

SS3520PGT

11 OF 16

11 OF 16

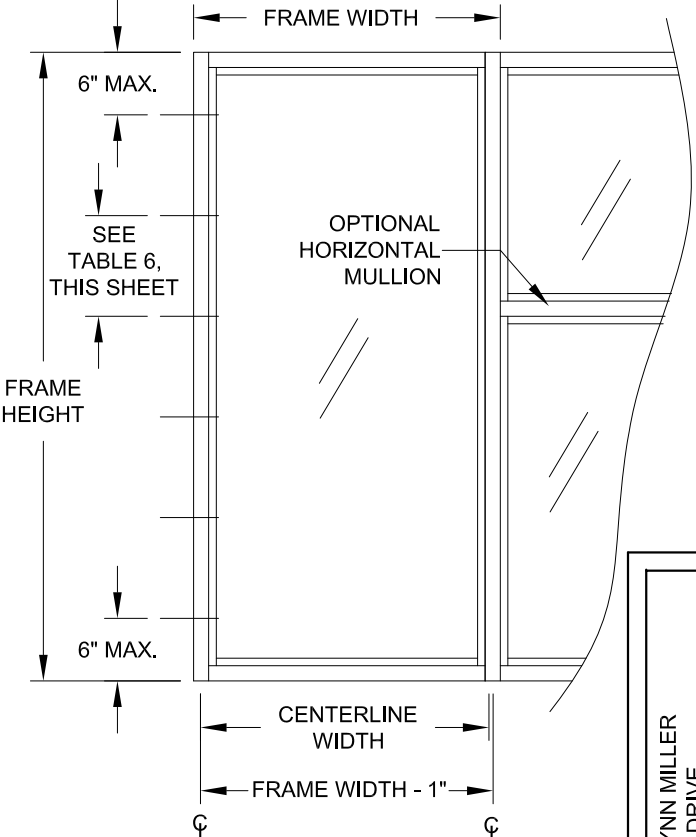
SS-3520A

TABLE 6:

Jamb Anchor Spacing		Shim Thickness = 1/2"			
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors
Centerline Width	Frame Height				
24"	48"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	18"	18"	18"
54"		18"	18"	18"	18"
60"		18"	18"	18"	18"
70"		18"	18"	18"	18"
72"		18"	18"	18"	18"
84"		18"	18"	18"	18"
90"		18"	18"	18"	18"
92"		18"	18"	18"	18"
96"		18"	18"	18"	18"
102"		18"	18"	18"	18"
108"		18"	18"	18"	18"
120"		18"	18"	18"	18"
132"		18"	18"	18"	18"
144"		18"	18"	18"	18"
168"		18"	18"	18"	18"
180"		18"	18"	18"	18"
24"	60"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		16"	18"	18"	18"
48"		16"	18"	18"	18"
54"		16"	18"	18"	18"
60"		16"	18"	18"	18"
70"		16"	18"	18"	18"
72"		16"	18"	18"	18"
84"		16"	18"	18"	18"
90"		16"	18"	18"	18"
92"		16"	18"	18"	18"
96"		16"	18"	18"	18"
102"		16"	18"	18"	18"
108"		16"	18"	18"	18"
120"		16"	18"	18"	18"
132"		16"	18"	18"	18"
144"		16"	18"	18"	18"
24"	72"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		15"	18"	18"	18"
48"		15"	18"	18"	18"
54"		15"	15"	18"	18"
60"		15"	15"	18"	18"
70"		15"	15"	18"	18"
72"		15"	15"	18"	18"
84"		15"	15"	18"	18"
90"		15"	15"	18"	18"
92"		15"	15"	18"	18"
96"		15"	15"	18"	18"
102"		15"	15"	18"	18"
108"		15"	15"	18"	18"
120"		15"	15"	18"	18"

Jamb Anchor Spacing		Shim Thickness = 1/2"			
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors
Centerline Width	Frame Height				
24"	78"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		16-1/2"	18"	18"	18"
42"		16-1/2"	18"	18"	18"
48"		16-1/2"	16-1/2"	18"	18"
54"		13-3/16"	16-1/2"	18"	18"
60"		13-3/16"	16-1/2"	18"	18"
70"		13-3/16"	13-3/16"	18"	18"
72"		13-3/16"	13-3/16"	18"	18"
84"		13-3/16"	13-3/16"	18"	18"
90"		13-3/16"	13-3/16"	18"	18"
92"		13-3/16"	13-3/16"	18"	18"
96"		13-3/16"	13-3/16"	18"	18"
102"		13-3/16"	13-3/16"	18"	18"
108"		13-3/16"	13-3/16"	18"	18"
24"	84"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		14-3/8"	18"	18"	18"
54"		14-3/8"	14-3/8"	18"	18"
60"		12"	14-3/8"	18"	18"
70"		12"	14-3/8"	18"	18"
72"		12"	14-3/8"	18"	18"
84"		12"	14-3/8"	18"	18"
90"		12"	14-3/8"	18"	18"
92"		12"	14-3/8"	18"	18"
96"		12"	14-3/8"	18"	18"
102"		12"	14-3/8"	18"	18"
24"	90"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		15-5/8"	18"	18"	18"
48"		15-5/8"	15-5/8"	18"	18"
54"		13"	15-5/8"	18"	18"
60"		13"	15-5/8"	18"	18"
70"		11-1/8"	13"	18"	18"
72"		11-1/8"	13"	18"	18"
84"		11-1/8"	13"	18"	18"
90"		11-1/8"	13"	18"	18"
92"		11-1/8"	13"	18"	18"
96"		11-1/8"	13"	18"	18"
24"	97.75"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		17-1/8"	18"	18"	18"
42"		14-5/16"	17-1/8"	18"	18"
48"		14-5/16"	17-1/8"	18"	18"
54"		12-1/4"	14-5/16"	18"	18"
60"		12-1/4"	14-5/16"	18"	18"
70"		10-3/4"	12-1/4"	18"	18"
72"		10-3/4"	12-1/4"	18"	18"
84"		10-3/4"	12-1/4"	17-1/8"	18"
24"	102"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		15"	18"	18"	18"
48"		12-7/8"	15"	18"	18"
54"		12-7/8"	15"	18"	18"
60"		11-1/4"	12-7/8"	18"	18"
70"		11-1/4"	12-7/8"	18"	18"
72"		11-1/4"	12-7/8"	18"	18"
84"		10"	11-1/4"	18"	18"

Jamb Anchor Spacing		Shim Thickness = 1/2"			
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors
Centerline Width	Frame Height				
24"	108"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		16"	18"	18"	18"
42"		16"	16"	18"	18"
48"		13-11/16"	16"	18"	18"
54"		12"	13-11/16"	18"	18"
60"		12"	13-11/16"	18"	18"
70"		10-11/16"	12"	18"	18"
72"		10-11/16"	12"	18"	18"
24"	114"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		17"	18"	18"	18"
42"		14-9/16"	17"	18"	18"
48"		12-3/4"	14-9/16"	18"	18"
54"		12-3/4"	14-9/16"	18"	18"
60"		11-5/16"	12-3/4"	18"	18"
70"		10-3/16"	11-5/16"	17"	18"
72"		10-3/16"	11-5/16"	17"	18"
24"	120"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		15-7/16"	18"	18"	18"
48"		13-1/2"	15-7/16"	18"	18"
54"		12"	13-1/2"	18"	18"
60"		10-13/16"	13-1/2"	18"	18"
70"		9-13/16"	12"	18"	18"
72"		9-13/16"	10-13/16"	18"	18"
24"	126"	18"	18"	18"	18"
30"		16-5/16"	18"	18"	18"
36"		14-1/4"	16-5/16"	18"	18"
42"		12-11/16"	14-1/4"	18"	18"
48"		11-3/8"	14-1/4"	18"	18"
54"		11-3/8"	12-11/16"	18"	18"
60"		11-3/8"	12-11/16"	18"	18"
24"	132"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		17-1/8"	18"	18"	18"
42"		15"	17-1/8"	18"	18"
48"		13-5/16"	15"	18"	18"
54"		12"	13-5/16"	18"	18"
60"		10-15/16"	12"	18"	18"
24"	138"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		15-3/4"	18"	18"	18"
42"		14"	15-3/4"	18"	18"
48"		12-5/8"	14"	18"	18"
54"		11-7/16"	14"	18"	18"
60"		10-1/2"	12-5/8"	18"	18"
24"	144"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		16-1/2"	18"	18"	18"
42"		14-11/16"	16-1/2"	18"	18"
48"		13-3/16"	14-11/16"	18"	18"
54"		12"	13-3/16"	18"	18"
60"		11"	12"	18"	18"
24"	168"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	18"	18"	18"
24"	180"	18"	18"	18"	18"
30"		18"	18"	18"	18"
36"		18"	18"	18"	18"
42"		18"	18"	18"	18"
48"		18"	18"	18"	18"



1) IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (COMPATIBLE STOREFRONT ENTRANCE DOOR, PTAC LOUVER OR WINDOW INSERT) THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.

2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.

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

REGISTRATION #29296
COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE
TO MAKE COPIES FOR PERMITTING.

PGT[®]
Commercial

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

ALUMINUM STOREFRONT WINDOW (LM)

02/20/24

By *Jens Rosowski*

TABLE 6

SS3520A

12 OF 16

SS3520PGT

ANTHONY LYNN MILLER
LICENSE
No. 58705
A. Lynn Miller
02/20/24
STATE OF FLORIDA
PROFESSIONAL ENGINEER

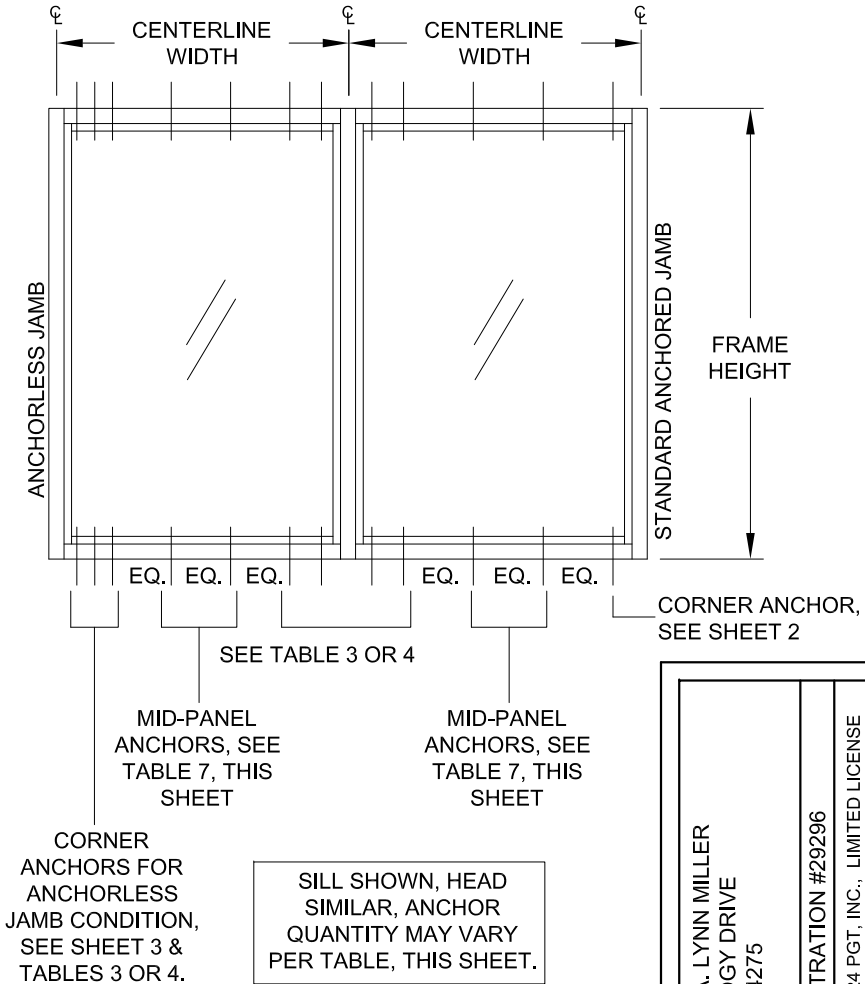
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 7:

Mid-Panel Anchor Quantity		Shim Thickness = 1/4"			
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors
Centerline Width	Frame Height				
24"	48"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
70"		4	4	3	3
72"		4	4	3	3
84"		5	5	4	4
90"		5	6	4	4
92"		5	6	5	5
96"		5	6	5	5
102"		6	7	5	5
108"		6	7	6	6
120"		7	8	6	6
132"		8	9	7	7
144"		9	10	8	8
168"		7	8	5	5
180"		7	8	6	6
24"	60"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
70"		4	4	3	3
72"		4	5	3	3
84"		5	6	4	4
90"		6	6	4	4
92"		6	7	5	5
96"		6	7	5	5
102"		7	8	5	5
108"		7	8	6	6
120"		8	9	6	6
132"		9	11	7	7
144"		10	12	8	8
24"	72"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
70"		4	5	3	3
72"		4	5	3	3
84"		5	6	4	4
90"		6	7	5	4
92"		6	7	5	5
96"		7	8	5	5
102"		7	8	6	5
108"		8	9	6	6
120"		9	11	7	6

Mid-Panel Anchor Quantity		Shim Thickness = 1/4"			
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors
Centerline Width	Frame Height				
24"	78"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
70"		4	5	3	3
72"		4	5	3	3
84"		5	6	4	4
90"		6	7	5	4
92"		6	7	5	5
96"		7	8	5	5
102"		7	9	6	5
108"		8	9	6	6
24"	84"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
70"		4	5	3	3
72"		4	5	3	3
84"		5	6	4	4
90"		6	7	5	4
92"		6	7	5	5
96"		7	8	6	5
102"		8	9	6	5
24"	90"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
70"		4	5	3	3
72"		4	5	3	3
84"		5	6	4	4
90"		6	7	5	4
92"		6	8	5	5
96"		7	8	6	5
24"	97-3/4"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
70"		4	5	3	3
72"		4	5	3	3
84"		5	6	4	4
24"	102"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
70"		4	5	3	3
72"		4	5	3	3
84"		5	6	4	4

Mid-Panel Anchor Quantity		Shim Thickness = 1/4"			
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors
Centerline Width	Frame Height				
24"	108"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
70"		4	5	3	3
72"		4	5	3	3
24"	114"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
70"		4	5	3	3
72"		4	5	3	3
24"	120"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
70"		4	5	3	3
72"		4	5	3	3
24"	126"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
24"	132"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
24"	138"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
24"	144"	1	1	1	1
30"		1	1	1	1
36"		1	2	1	1
42"		2	2	1	1
48"		2	2	2	1
54"		3	3	2	2
60"		3	3	2	2
24"	168"	1	1	1	1
30"		1	1	1	1
36"		1	1	1	1
42"		1	1	1	1
48"		2	1	1	1
24"	180"	1	1	1	1
30"		1	1	1	1
36"		1	1	1	1
42"		1	1	1	1
48"		2	1	1	1



- 1) IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (COMPATIBLE STOREFRONT ENTRANCE DOOR, PTAC LOUVER OR WINDOW INSERT) THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.
- 3) MID-PANEL ANCHORS TO BE EQUALLY SPACED, +/- 1/2".

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

REGISTRATION #29296
COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE
TO MAKE COPIES FOR PERMITTING.

PGT
Commercial

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

ALUMINUM STOREFRONT WINDOW (LM)

02/20/24

TABLE 7

SS-3520A

SS3520PGT

JENS ROSOWSKI

13 OF 16

13 OF 16

SS3520PGT

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/20/24
STATE OF FLORIDA
PROFESSIONAL ENGINEER

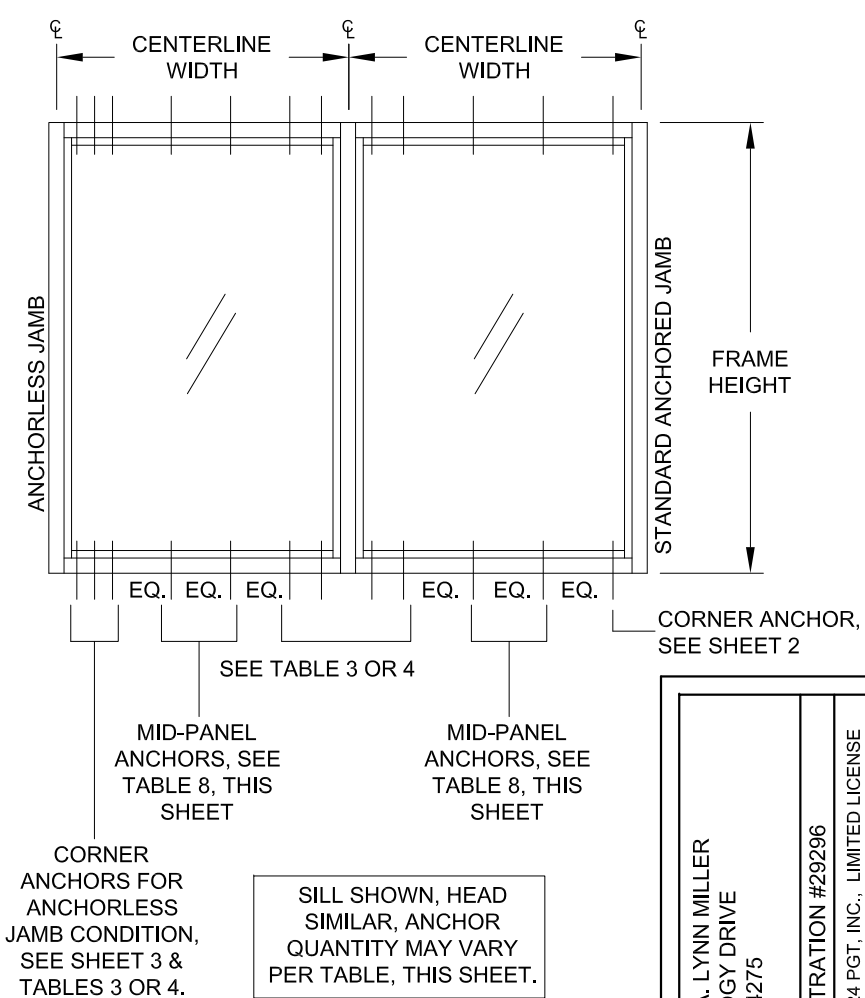
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 8:

Mid-Panel Anchor Quantity		Shim Thickness = 1/2"			
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors
Centerline Width	Frame Height				
24"	48"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
70"		5	4	3	3
72"		5	4	3	3
84"		6	5	4	4
90"		6	6	4	4
92"		7	6	5	5
96"		7	6	5	5
102"		8	7	5	5
108"		8	7	6	6
120"		9	8	6	6
132"		10	9	7	7
144"		11	10	8	8
168"		9	8	5	5
180"		9	8	6	6
24"	60"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
70"		5	4	3	3
72"		5	5	3	3
84"		7	6	4	4
90"		7	6	4	4
92"		8	7	5	5
96"		8	7	5	5
102"		9	8	5	5
108"		9	8	6	6
120"		11	9	6	6
132"		12	11	7	7
144"		13	12	8	8
24"	72"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
70"		5	5	3	3
72"		5	5	3	3
84"		7	6	4	4
90"		8	7	5	5
92"		8	7	5	5
96"		9	8	5	5
102"		9	8	6	6
108"		10	9	6	6
120"		12	11	7	7

Mid-Panel Anchor Quantity		Shim Thickness = 1/2"			
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors
Centerline Width	Frame Height				
24"	78"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
70"		5	5	3	3
72"		5	5	3	3
84"		7	6	4	4
90"		8	7	5	4
92"		8	7	5	5
96"		9	8	5	5
102"		10	9	6	5
108"		11	9	6	6
24"	84"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
70"		5	5	3	3
72"		5	5	3	3
84"		7	6	4	4
90"		8	7	5	4
92"		8	7	5	5
96"		9	8	6	5
102"		10	9	6	5
24"	90"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
70"		5	5	3	3
72"		5	5	3	3
84"		7	6	4	4
90"		8	7	5	4
92"		8	8	5	5
96"		9	8	6	5
24"	97-3/4"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
70"		5	5	3	3
72"		5	5	3	3
84"		7	6	4	4
24"	102"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
70"		5	5	3	3
72"		5	5	3	3
84"		7	6	4	4

Mid-Panel Anchor Quantity		Shim Thickness = 1/2"			
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors
Centerline Width	Frame Height				
24"	108"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
70"		5	5	3	3
72"		5	5	3	3
24"	114"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
70"		5	5	3	3
72"		5	5	3	3
24"	120"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
70"		5	5	3	3
72"		5	5	3	3
24"	126"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
24"	132"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
24"	138"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
24"	144"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
24"	144"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
24"	144"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2
24"	144"	1	1	1	1
30"		1	1	1	1
36"		2	2	1	1
42"		2	2	1	1
48"		3	2	2	1
54"		3	3	2	2
60"		4	3	2	2



- 1) IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (COMPATIBLE STOREFRONT ENTRANCE DOOR, PTAC LOUVER OR WINDOW INSERT) THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.
- 2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.
- 3) MID-PANEL ANCHORS TO BE EQUALLY SPACED, +/- 1/2".

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

REGISTRATION #29296
COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE
TO MAKE COPIES FOR PERMITTING.

PGT
Commercial

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

ALUMINUM STOREFRONT WINDOW (LM)

02/20/24

By JENS ROSOWSKI

TABLE 8

SS3520A

14 OF 16

SS3520PGT

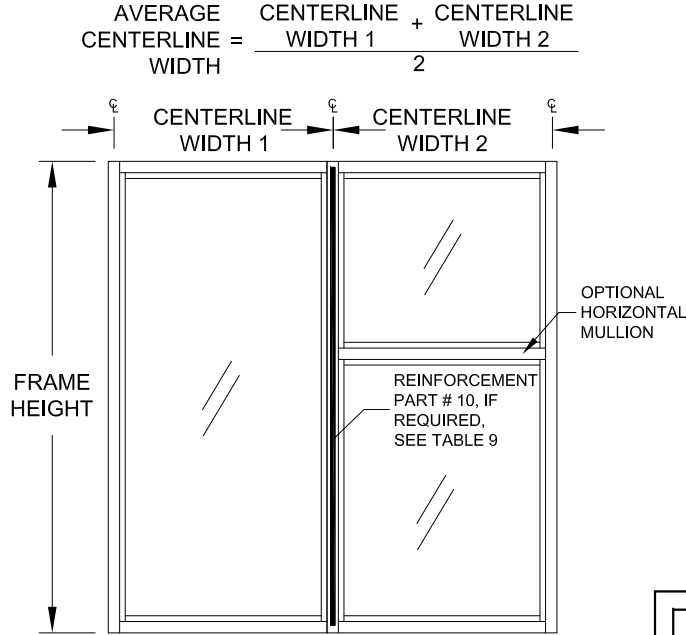
ANTHONY LYNN MILLER
LICENSE
No. 58705
02/20/24
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

TABLE 9:

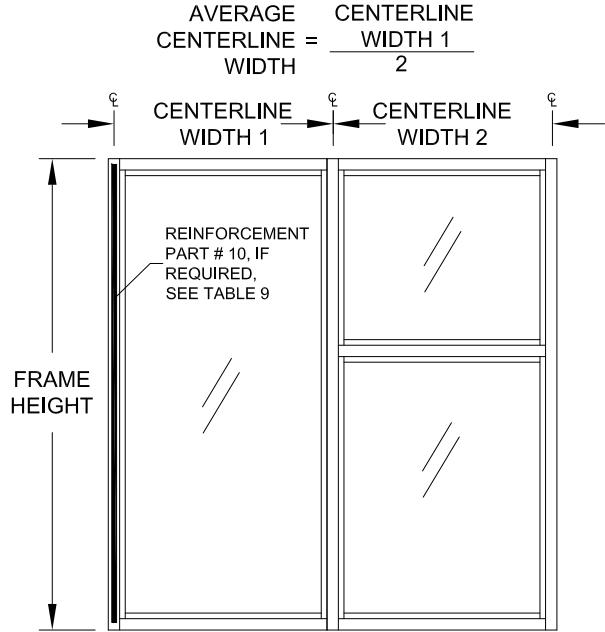
Mullion DP, psf					
Average Centerline Width	Frame Height	5" Unreinforced Mullion	5" Reinforced Mullion	7" Unreinforced HD Mullion	7" Reinforced HD Mullion
24"	48"	+70/-80	+90/-120	+70/-70	+60/-75
30"		+70/-80	+90/-120	+70/-70	+60/-75
36"		+70/-80	+90/-120	+70/-70	+60/-75
42"		+70/-80	+90/-120	+70/-70	+60/-75
48"		+70/-80	+90/-120	+70/-70	+60/-75
54"		+70/-80	+90/-120	+70/-70	+60/-75
60"		+70/-80	+90/-120	+70/-70	+60/-75
70"		+70/-80	+90/-120	+70/-70	+60/-75
72"		+70/-80	+90/-120	+70/-70	+60/-75
84"		+70/-80	+90/-120	+70/-70	+60/-75
90"		+70/-80	+90/-120	+70/-70	+60/-75
92"		+70/-80	+90/-120	+70/-70	+60/-75
96"		+70/-80	+90/-120	+70/-70	+60/-75
102"			+90/-120	+70/-70	+60/-75
108"			+90/-120	+70/-70	+60/-75
120"			+90/-120	+70/-70	+60/-75
132"			+90/-100	+70/-70	+60/-75
144"			+90/-100	+70/-70	+60/-75
168"					+60/-75
180"					+60/-75
24"	60"	+70/-80	+90/-120	+70/-70	+60/-75
30"		+70/-80	+90/-120	+70/-70	+60/-75
36"		+70/-80	+90/-120	+70/-70	+60/-75
42"		+70/-80	+90/-120	+70/-70	+60/-75
48"		+70/-80	+90/-120	+70/-70	+60/-75
54"		+70/-80	+90/-120	+70/-70	+60/-75
60"		+70/-80	+90/-120	+70/-70	+60/-75
70"		+70/-80	+90/-120	+70/-70	+60/-75
72"		+70/-80	+90/-120	+70/-70	+60/-75
84"			+90/-120	+70/-70	+60/-75
90"			+90/-120	+70/-70	+60/-75
92"			+90/-120	+70/-70	+60/-75
96"			+90/-120	+70/-70	+60/-75
102"			+90/-100	+70/-70	+60/-75
108"			+90/-100	+70/-70	+60/-75
120"			+90/-100	+70/-70	+60/-75
132"				+70/-70	+60/-75
144"				+70/-70	+60/-75
24"	72"	+70/-80	+90/-120	+70/-70	+60/-75
30"		+70/-80	+90/-120	+70/-70	+60/-75
36"		+70/-80	+90/-120	+70/-70	+60/-75
42"		+70/-80	+90/-120	+70/-70	+60/-75
48"		+70/-80	+90/-120	+70/-70	+60/-75
54"		+70/-80	+90/-120	+70/-70	+60/-75
60"		+70/-80	+90/-120	+70/-70	+60/-75
70"			+90/-120	+70/-70	+60/-75
72"			+90/-100	+70/-70	+60/-75
84"			+90/-100	+70/-70	+60/-75
90"			+90/-100	+70/-70	+60/-75
92"			+90/-100	+70/-70	+60/-75
96"			+90/-100	+70/-70	+60/-75
102"				+70/-70	+60/-75
108"				+70/-70	+60/-75
120"				+70/-70	+60/-75
132"					
144"					

Mullion DP, psf					
Average Centerline Width	Frame Height	5" Unreinforced Mullion	5" Reinforced Mullion	7" Unreinforced HD Mullion	7" Reinforced HD Mullion
24"	78"	+70/-80	+90/-120	+70/-70	+60/-75
30"		+70/-80	+90/-120	+70/-70	+60/-75
36"		+70/-80	+90/-120	+70/-70	+60/-75
42"		+70/-80	+90/-120	+70/-70	+60/-75
48"		+70/-80	+90/-120	+70/-70	+60/-75
54"		+70/-80	+90/-120	+70/-70	+60/-75
60"		+70/-80	+90/-120	+70/-70	+60/-75
70"			+90/-120	+70/-70	+60/-75
72"			+90/-120	+70/-70	+60/-75
84"			+90/-100	+70/-70	+60/-75
90"			+90/-100	+70/-70	+60/-75
92"				+70/-70	+60/-75
96"				+70/-70	+60/-75
102"				+70/-70	+60/-75
108"				+70/-70	+60/-75
24"	84"	+70/-80	+90/-120	+70/-70	+60/-75
30"		+70/-80	+90/-120	+70/-70	+60/-75
36"		+70/-80	+90/-120	+70/-70	+60/-75
42"		+70/-80	+90/-120	+70/-70	+60/-75
48"		+70/-80	+90/-120	+70/-70	+60/-75
54"		+70/-80	+90/-120	+70/-70	+60/-75
60"			+90/-120	+70/-70	+60/-75
70"			+90/-100	+70/-70	+60/-75
72"			+90/-100	+70/-70	+60/-75
84"			+90/-100	+70/-70	+60/-75
90"				+70/-70	+60/-75
92"				+70/-70	+60/-75
96"				+70/-70	+60/-75
102"				+70/-70	+60/-75
24"	90"	+70/-80	+90/-120	+70/-70	+60/-75
30"		+70/-80	+90/-120	+70/-70	+60/-75
36"		+70/-80	+90/-120	+70/-70	+60/-75
42"		+70/-80	+90/-120	+70/-70	+60/-75
48"		+70/-80	+90/-120	+70/-70	+60/-75
54"			+90/-120	+70/-70	+60/-75
60"			+90/-120	+70/-70	+60/-75
70"			+90/-100	+70/-70	+60/-75
72"			+90/-100	+70/-70	+60/-75
84"				+70/-70	+60/-75
90"				+70/-70	+60/-75
92"				+70/-70	+60/-75
96"				+70/-70	+60/-75
102"					
24"	97-3/4"	+70/-80	+90/-120	+70/-70	+60/-75
30"		+70/-80	+90/-120	+70/-70	+60/-75
36"		+70/-80	+90/-120	+70/-70	+60/-75
42"		+70/-80	+90/-120	+70/-70	+60/-75
48"		+70/-80	+90/-120	+70/-70	+60/-75
54"			+90/-120	+70/-70	+60/-75
60"			+90/-100	+70/-70	+60/-75
70"			+90/-100	+70/-70	+60/-75
72"			+90/-100	+70/-70	+60/-75
84"				+70/-70	+60/-75
24"	102"	+70/-80	+90/-120	+70/-70	+60/-75
30"		+70/-80	+90/-120	+70/-70	+60/-75
36"		+70/-80	+90/-120	+70/-70	+60/-75
42"		+68.3/-78.1	+90/-120	+70/-70	+60/-75
48"			+90/-120	+70/-70	+60/-75
54"			+90/-120	+70/-70	+60/-75
60"			+90/-100	+70/-70	+60/-75
70"			+90/-100	+70/-70	+60/-75
72"				+70/-70	+60/-75
84"				+70/-70	+60/-75

Mullion DP, psf					
Average Centerline Width	Frame Height	5" Unreinforced Mullion	5" Reinforced Mullion	7" Unreinforced HD Mullion	7" Reinforced HD Mullion
24"	108"	+70/-80	+90/-120	+70/-70	+60/-75
30"		+70/-80	+90/-120	+70/-70	+60/-75
36"		+65.6/-74.9	+90/-120	+70/-70	+60/-75
42"		+57.1/-65.3	+90/-120	+70/-70	+60/-75
48"			+90/-120	+70/-70	+60/-75
54"			+90/-100	+70/-70	+60/-75
60"			+90/-100	+70/-70	+60/-75
70"				+70/-70	+60/-75
72"				+70/-70	+60/-75
24"	114"	+70/-80	+90/-120	+70/-70	+60/-75
30"		+65.8/-75.2	+90/-120	+70/-70	+60/-75
36"		+55.5/-63.4	+90/-120	+70/-70	+60/-75
42"			+90/-120	+70/-70	+60/-75
48"			+90/-120	+70/-70	+60/-75
54"			+90/-100	+70/-70	+60/-75
60"			+90/-100	+70/-70	+60/-75
70"				+70/-70	+60/-75
72"				+70/-70	+60/-75
24"	120"	+69.7/-79.6	+90/-120	+70/-70	+60/-75
30"		+56.2/-64.3	+90/-120	+70/-70	+60/-75
36"		+47.4/-54.2	+90/-120	+70/-70	+60/-75
42"			+90/-120	+70/-70	+60/-75
48"			+90/-120	+70/-70	+60/-75
54"			+90/-100	+70/-70	+60/-75
60"			+90/-100	+70/-70	+60/-75
70"				+70/-70	+60/-75
72"				+70/-70	+60/-75
24"	126"	+60.1/-68.7	+90/-120	+70/-70	+60/-75
30"		+48.5/-55.4	+90/-120	+70/-70	+60/-75
36"		+40.8/-46.6	+90/-120	+70/-70	+60/-75
42"			+90/-116.1	+70/-70	+60/-75
48"			+90/-100	+70/-70	+60/-75
54"			+84/-93.4	+70/-70	+60/-75
60"				+70/-70	+60/-75
24"	132"	+52.2/-59.6	+90/-120	+70/-70	+60/-75
30"		+42.1/-48.1	+90/-120	+70/-70	+60/-75
36"			+90/-116.1	+70/-70	+60/-75
42"			+90/-100.6	+70/-70	+60/-75
48"			+80.5/-89.4	+70/-70	+60/-75
54"			+72.6/-80.6	+70/-70	+60/-75
60"				+70/-70	+60/-73.4
24"	138"	+45.6/-52.1	+90/-120	+70/-70	+60/-75
30"		+36.7/-42	+90/-120	+70/-70	+60/-75
36"			+90/-101.3	+70/-70	+60/-75
42"			+79.2/-88	+70/-70	+60/-75
48"			+70.1/-77.9	+70/-70	+60/-75
54"				+70/-70	+60/-75
60"				+70/-70	+60/-69.3
24"	144"	+40.1/-45.8	+90/-120	+70/-70	+60/-75
30"		+32.3/-36.9	+90/-105.9	+70/-70	+60/-75
36"			+80.3/-89.2	+70/-70	+60/-75
42"			+69.5/-77.2	+70/-70	+60/-75
48"			+61.5/-68.3	+70/-70	+60/-75
54"				+70/-70	+60/-71.1
60"				+70/-70	+60/-65.7
24"	168"				+60/-75
30"					+60/-75
36"					+60/-75
42"					+60/-72.8
48"					+60/-65
24"	180"				+60/-75
30"					+60/-75
36"					+60/-75
42"					+60/-67.3
48"					+60/-60



INTERIOR MULLIONS



ANCHORLESS JAMB/MULLION

1) IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (COMPATIBLE STOREFRONT ENTRANCE DOOR, PTAC LOUVER OR WINDOW INSERT). THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.
2) FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR HEIGHT DIMENSION.

Rev.#

Date

Rev.

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

PGT[®]

Commercial

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

REGISTRATION #29296
COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE
TO MAKE COPIES FOR PERMITTING.

02/20/24

ALUMINUM STOREFRONT WINDOW (LM)

By
JENS ROSOWSKI

TABLE 9

SS-3520A

No.
15 OF 16

Sheet

SS3520PGT

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/20/24
STATE OF
FLORIDA
A. LYNN MILLER, P.E.
P.E.# 58705

ASSEMBLY DETAILS

ALL DETAILS SHOWN FROM THE EXTERIOR

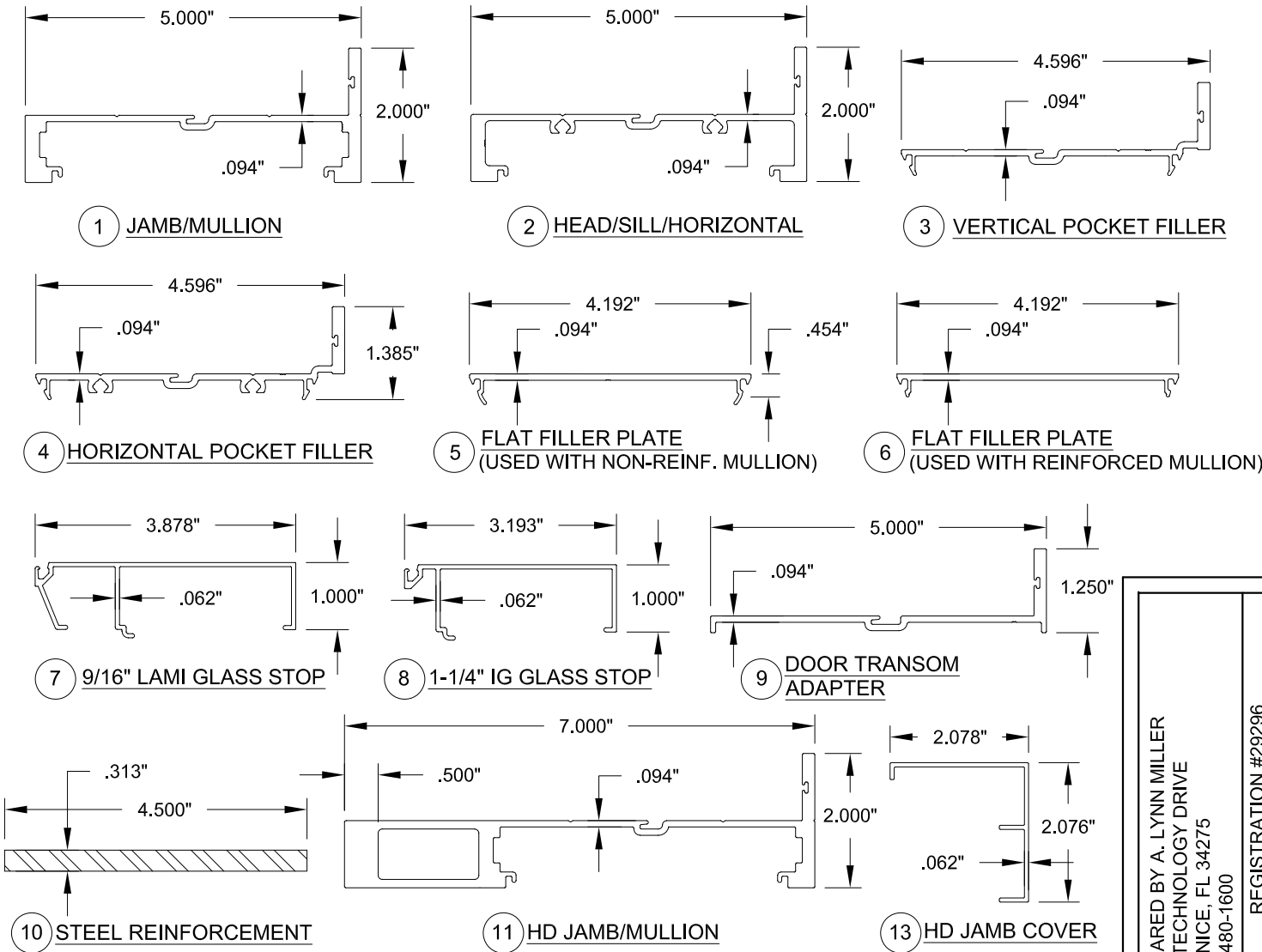
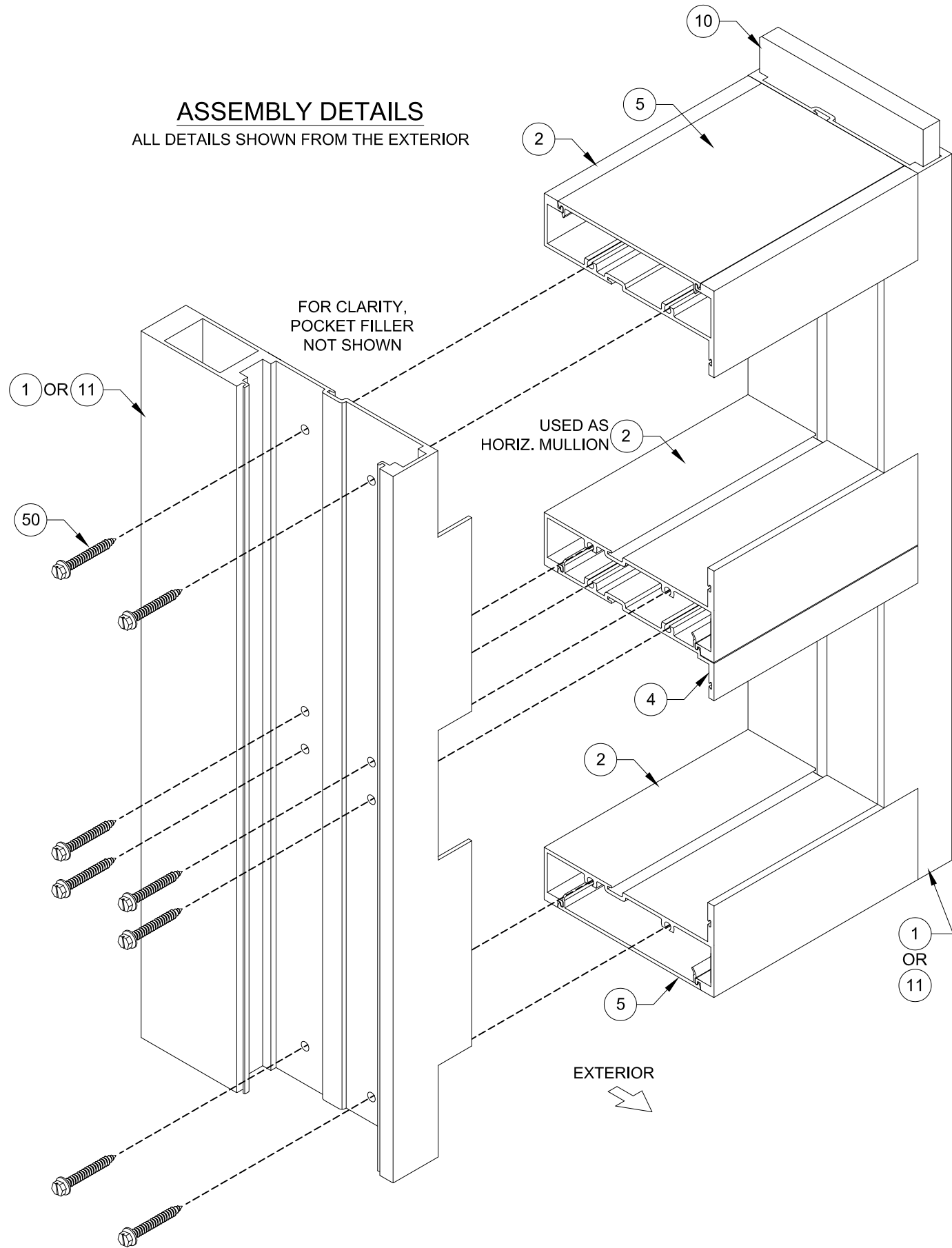


TABLE 10:

Item	Part #	Description	Material
1	206	Jamb/Mullion	6063-T6 Alum.
2	201	Head/Sill/Horizontal	6063-T6 Alum.
3	207	Vertical Pocket Filler	6063-T6 Alum.
4	202	Horizontal Pocket Filler	6063-T6 Alum.
5	203	Flat Filler Plate (used with non-reinf. mullion)	6063-T6 Alum.
6	003	Flat Filler Plate (used with reinforced mullion)	6063-T6 Alum.
7	004	9/16" Lami Glass Stop	6063-T6 Alum.
8	205	1-1/4" IG Glass Stop	6063-T6 Alum.
9	212	Door Transom Adapter	6063-T6 Alum.
10	209	Steel Reinforcement	A36 Steel
11	208	HD Jamb/Mullion	6063-T6 Alum.
13	214	HD Jamb Cover	6063-T6 Alum.
14	213	HD Mullion Cover	6063-T6 Alum.
30	1652	Setting Block 3/16" x 7/16" x 4", Duro = 85 +/-5	EPDM
31	1704	IG Setting Block 3/16" x 1-3/32" x 4", Duro = 85 +/-5	EPDM
37	varies	Kommerling Kodispace 4SG TPS	varies
38	varies	Quanex Super Spacer	varies
39	varies	IG Spacer System	varies
40	006	Glass Stop Gasket (@ beading, duro. = 65 +/-5)	EPDM
41	007	Spacer Gasket (@ glazing leg, duro. = 80 +/-5)	Santoprene
42		Silicone Backbedding: Dow 791, 983, 995, GE7700	
50	010	Frame Assembly Screw (#12 x 1-1/2" Hex Washer)	Stainless Steel

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

REGISTRATION #29296
COPYRIGHT © 2024 PGT, INC., LIMITED LICENSE
TO MAKE COPIES FOR PERMITTING.

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

02/20/24
Date

By
JENS ROSOWSKI

Drawn

16 OF 16
Sheet

SS-3520A
Title

ALUMINUM STOREFRONT WINDOW (LM)
BOM & EXTRUSIONS
SS3520PGT

ANTHONY LYNN MILLER
LICENSE
No. 58705
02/20/24
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705