

GENERAL NOTES: SS-3520 IMPACT-RESISTANT STOREFRONT WINDOW SYSTEM

GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED & TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FBC, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- SHUTTERS ARE NOT REQUIRED PER FBC REQUIREMENTS, WHEN USED IN WIND-BORNE DEBRIS REGIONS.
- GLAZING: SEE GLAZING DETAILS ON SHEET 6 & GLAZING TYPES ON SHEET 8.
- DESIGN PRESSURES:
 - NEGATIVE DESIGN LOADS BASED ON STRUCTURAL & CYCLE TESTING AND GLASS PER ASTM E1300.
 - POSITIVE DESIGN LOADS BASED ON WATER INFILTRATION, STRUCTURAL & CYCLE TESTING AND GLASS PER ASTM E1300.
 - DESIGN LOADS ARE BASED ON ALLOWABLE STRESS DESIGN, ASD.
- 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.
- INSTALLATION SCREWS & FRAME CORNERS TO BE SEALED WITH NARROW JOINT SEALANT.
- 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.
- REFERENCES: ELCO ULTRACON & CRETEFLEX NOA'S, ITW TAPCON NOA

ANCHOR NOTES:

- FOR CONCRETE/CMU SUBSTRATE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ELCO ANCHORS. SEE TABLE 1 ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
- FOR SUBSTRATE APPLICATIONS SEE TABLE 1 ON THIS SHEET.
- 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.
- 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.
- METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER THE FBC AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

INSTRUCTIONS:

- DETERMINE THE BUILDING'S REQUIRED DESIGN PRESSURE USING THE ASCE 7 STANDARD. THE PRODUCT'S DESIGN PRESSURE MUST MEET OR EXCEED THIS VALUE.
- DETERMINE THE ANCHOR TYPE FROM TABLE 1, SHEET 1.
- DETERMINE THE GLASS DESIGN PRESSURE FROM TABLE 2.
- MID-PANEL ANCHOR QUANTITIES ARE GIVEN IN TABLES 7 & 8 AND HAVE BEEN CALCULATED FOR THE PRODUCT'S MAXIMUM DP.
- IF THE STOREFRONT WINDOW IS ATTACHED TO ANOTHER WINDOW THROUGH A COMMON MULLION:
 - DETERMINE THE MULLION DESIGN PRESSURE FROM TABLE 9.
 - 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.
- IF THE JAMBS ARE ANCHORED TO THE SUBSTRATE:
 - THE SPACING IS GIVEN IN TABLES 5 & 6 AND HAVE BEEN CALCULATED FOR THE PRODUCT'S MAXIMUM DP.IF THE JAMBS ARE ANCHORLESS:
 - 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.
 - DETERMINE THE JAMB DESIGN PRESSURE FROM TABLE 9.
- THE LOWEST DESIGN PRESSURE FROM ALL TABLES REFERENCED ABOVE, SHALL BE USED FOR THE ENTIRE ASSEMBLY.
- 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.

FLORIDA PRODUCT APPROVAL # 26048

IMPACT RATING
RATED FOR LARGE & SMALL MISSILE IMPACT RESISTANCE

TABLE 1:

Group	Anchor	Substrate	Min. Edge Distance	Min. Embedment	Min. O.C. Distance
A	#14 Steel or 410 SS SMS (G5)	P.T. Southern Pine (SG=0.55)	1"	1-3/8"	1"
		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"
		Steel Stud, A653 (0.045" min. thickness)	3/8"	.045"	5/8"
B	1/4" Elco Ultracon	Concrete (min. 2.85 ksi)	2-1/2"	1-3/8"	3"
		Grout-Filled CMU, (ASTM C-90)	2-1/2"	1-3/4"	4"
		Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"	6"
	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" Elco 410 S.S. CreteFlex	Ungrouted CMU, (ASTM C-90)	2-1/2"	1-1/4"	6"
	5/16" Elco Ultracon	Ungrouted CMU, (ASTM C-90)	3-1/8"	1-1/4"	6"
		Concrete (min. 3.35 ksi)	2-1/2"	1-3/4"	3"
C	1/4" Elco 410 S.S. CreteFlex	Concrete (min. 3.52 ksi)	3-1/8"	2"	3"
		Grout-Filled CMU, (ASTM C-90)	2-1/2"	2-1/4"	5"
	5/16" Elco Ultracon	Concrete (min. 3 ksi)	3"	1-1/2"	4"
D	3/8" Large Diameter ITW Tapcon	Ungrouted CMU, (ASTM C-90)	3"	1-1/2"	6"

* 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.

CGI

Commercial Architectural Products

CGI WINDOWS AND DOORS, INC.

3780 W 104TH STREET

HIALEAH, FL 33018

(305) 593-6590

PREPARED BY: A. LYNN MILLER

1070 TECHNOLOGY DRIVE

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

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CERT. OF AUTH. #29296

By

Drawn

Rev.	Description	ADDED ULTRACON+		ANCHORS - JR, 09/15/20		A
		JENS ROSOWSKI		STOREFRONT WINDOW SYSTEM DETAILS - LM		
No.	DWG	SS3520FPA-A		01/02/18		Date
1 OF 16	Sheet	NTS		SS-3520		
Scale	Series	NOTES & ANCHOR GROUPS		STOREFRONT WINDOW SYSTEM DETAILS - LM		Title
Scale	Series	NOTES & ANCHOR GROUPS		STOREFRONT WINDOW SYSTEM DETAILS - LM		

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THIS SYSTEM HAS BEEN TESTED TO MEET THE 400 FT-LB KINETIC ENERGY IMPACT LOADING REQUIREMENTS OF ANSI Z97.1.

ANTHONY LYNN MILLER

LICENSE

No. 58705

9/22/20

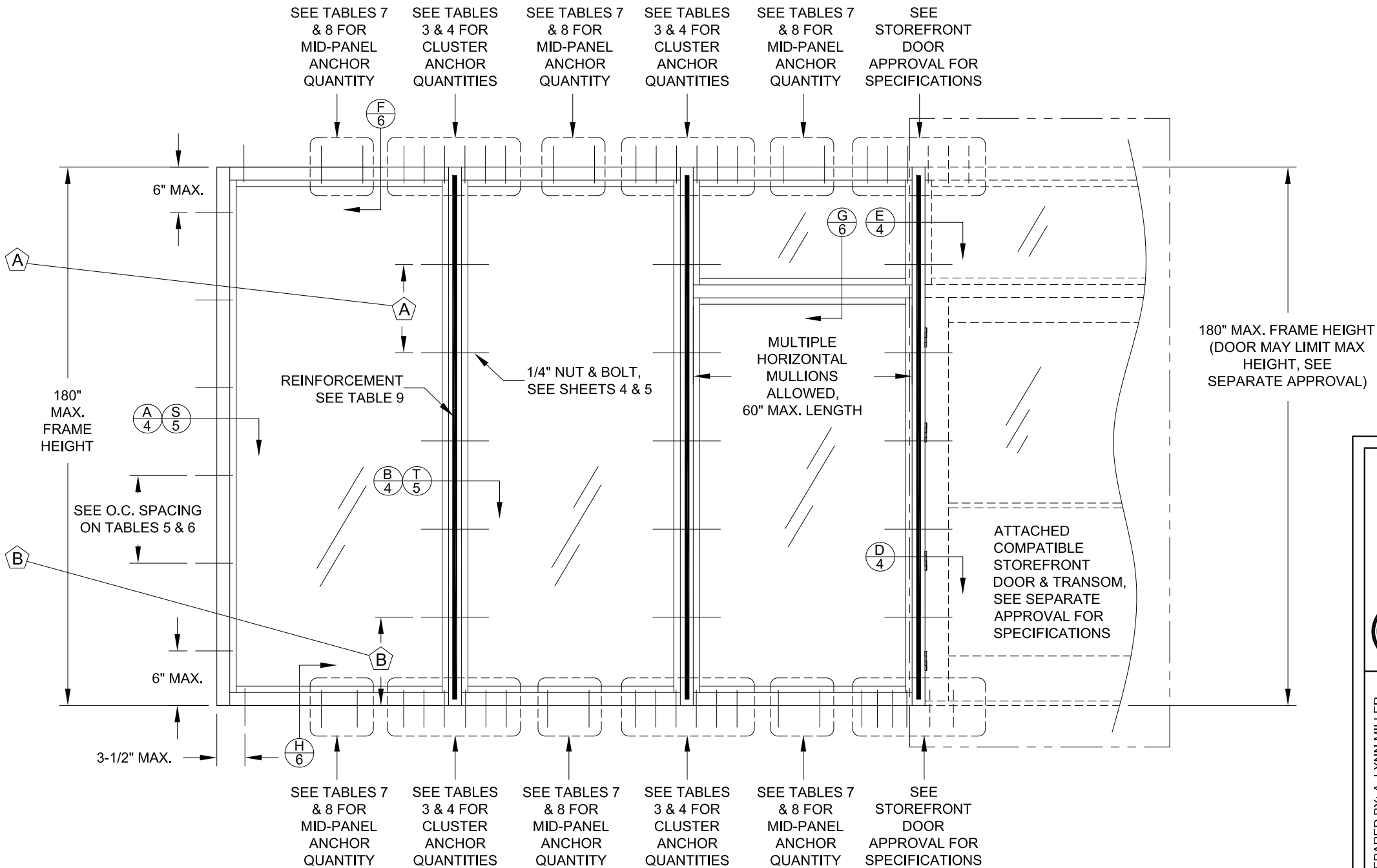
STATE OF FLORIDA

PROFESSIONAL ENGINEER

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

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 STOREFRONT WINDOW SYSTEM WITH
EXAMPLES OF HORIZONTAL MULLION & STOREFRONT DOOR

NOTES:

1. IF COMBINED WITH A COMPATIBLE STOREFRONT ENTRANCE DOOR, THE LESSER DESIGN PRESSURE VALUE OF THE DOOR OR THE WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.
2. SEE TABLES FOR MAXIMUM ALLOWED SIZES.
3. SEE SHEET 8 FOR DAYLIGHT OPENING (DLO) FORMULAS.

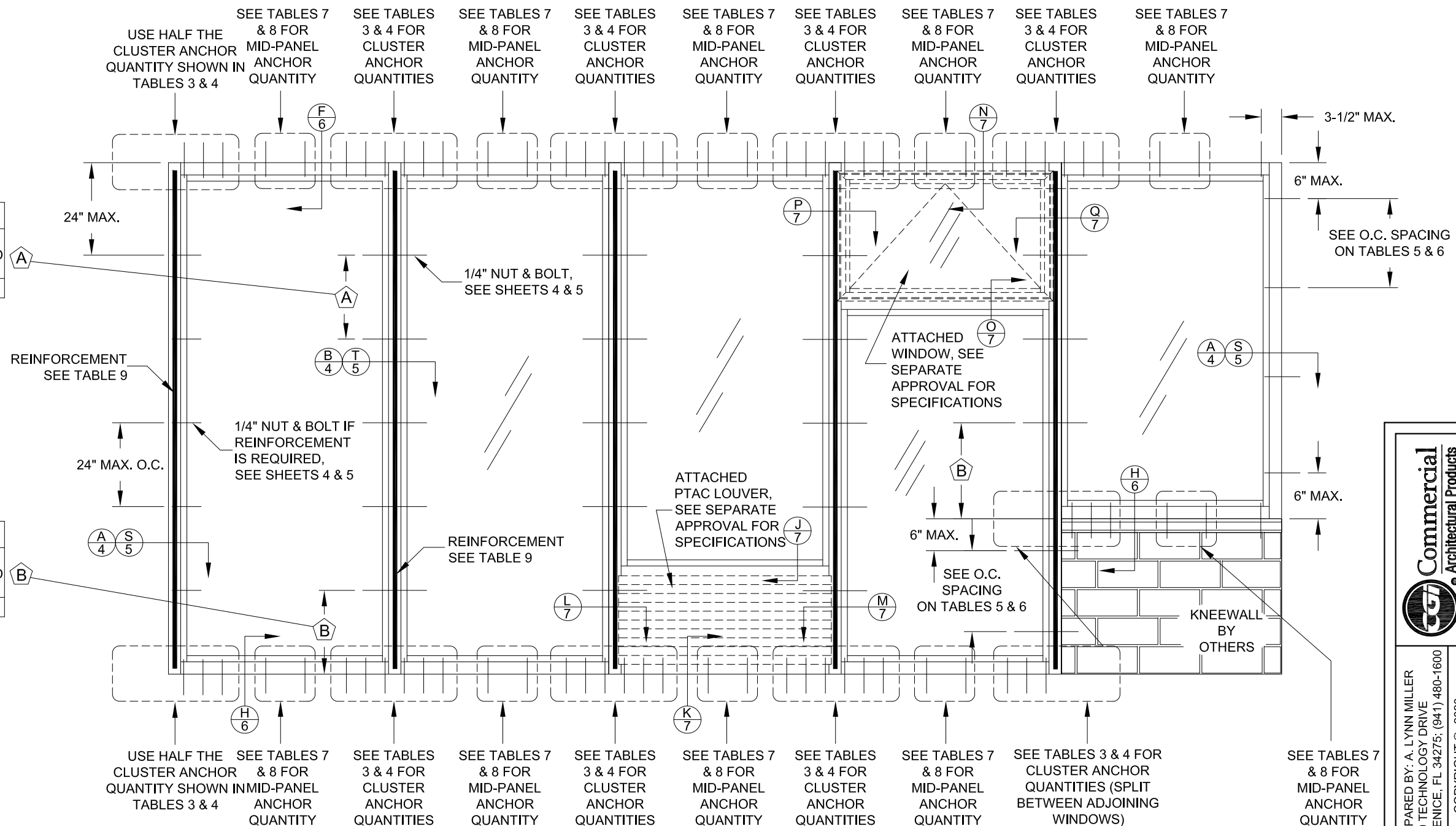
Commercial Architectural Products		CGI WINDOWS AND DOORS, INC. 3780 W 104TH STREET HIALEAH, FL 33018 (305) 593-6590
PREPARED BY: A. LYNN MILLER 1070 TECHNOLOGY DRIVE N. VENICE, FL 34275; (941) 480-1600	COPYRIGHT © 2020 CGI WINDOWS & DOORS, INC. LIMITED LICENSE TO MAKE COPIES FOR PERMITTING. CERT. OF AUTH. #29296	ELEVATION A STOREFRONT WINDOW SYSTEM DETAILS - LM SS-3520FPA-A 01/02/18

ANTHONY LYNN MILLER
LICENSE
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9/22/20
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705

Rev.	Description	Date	By	DWG	Scale	Sheet	Series
A		01/02/18	JENS ROSOWSKI	SS3520FPA-A	2 OF 16	NTS	SS-3520

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"

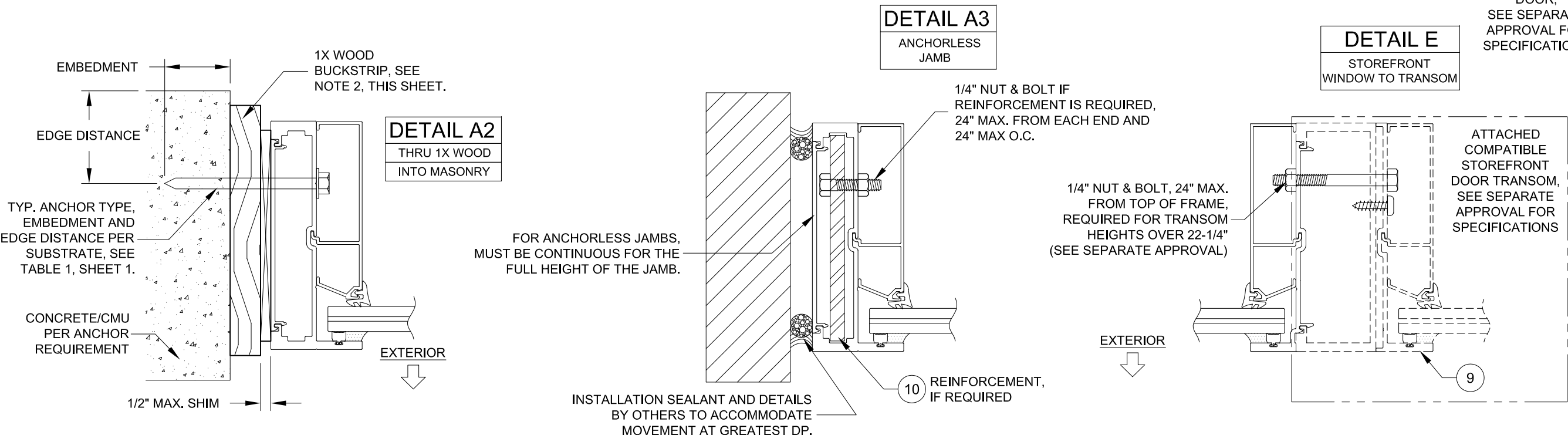
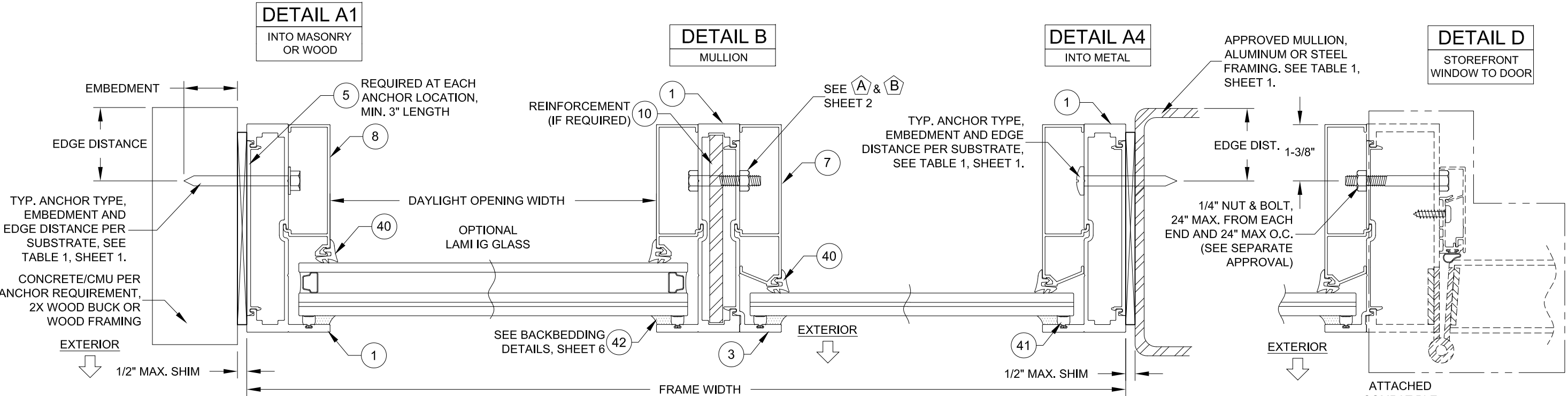


NOTES:

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.

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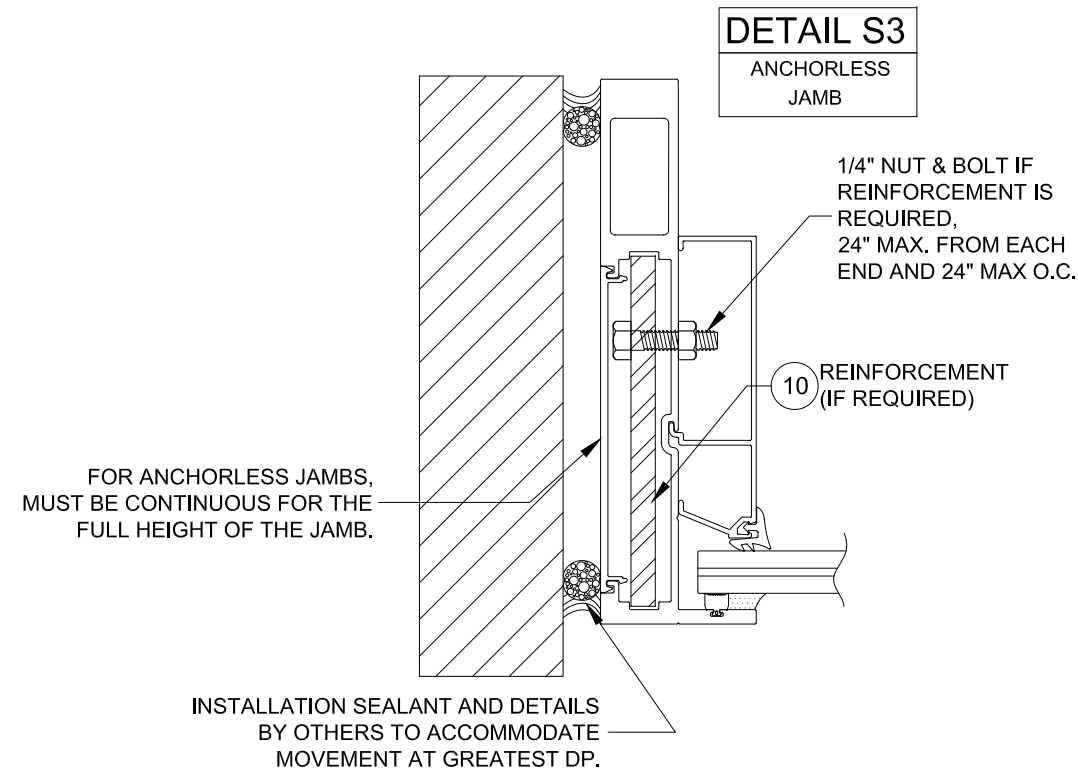
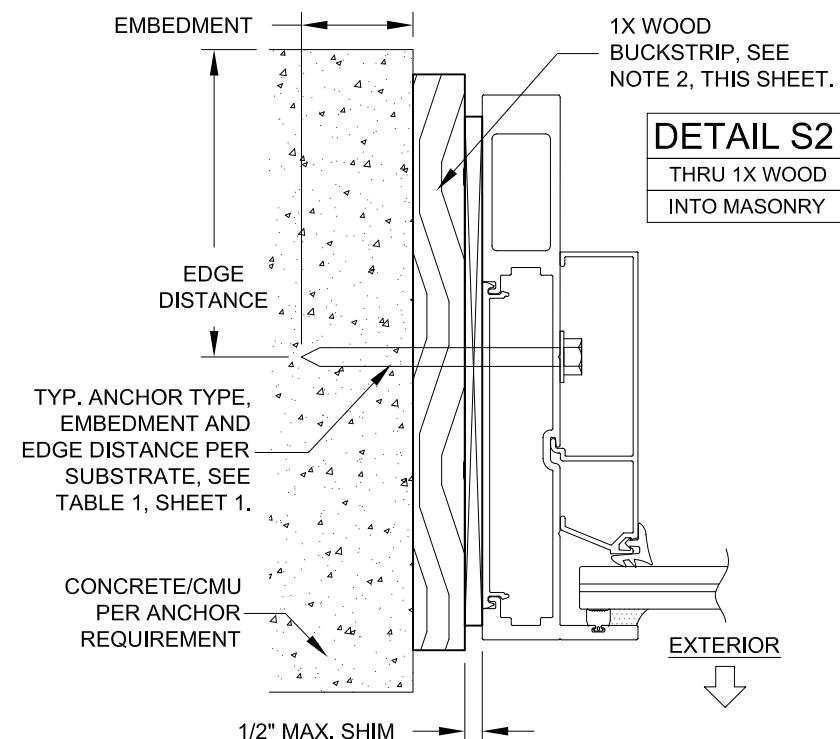
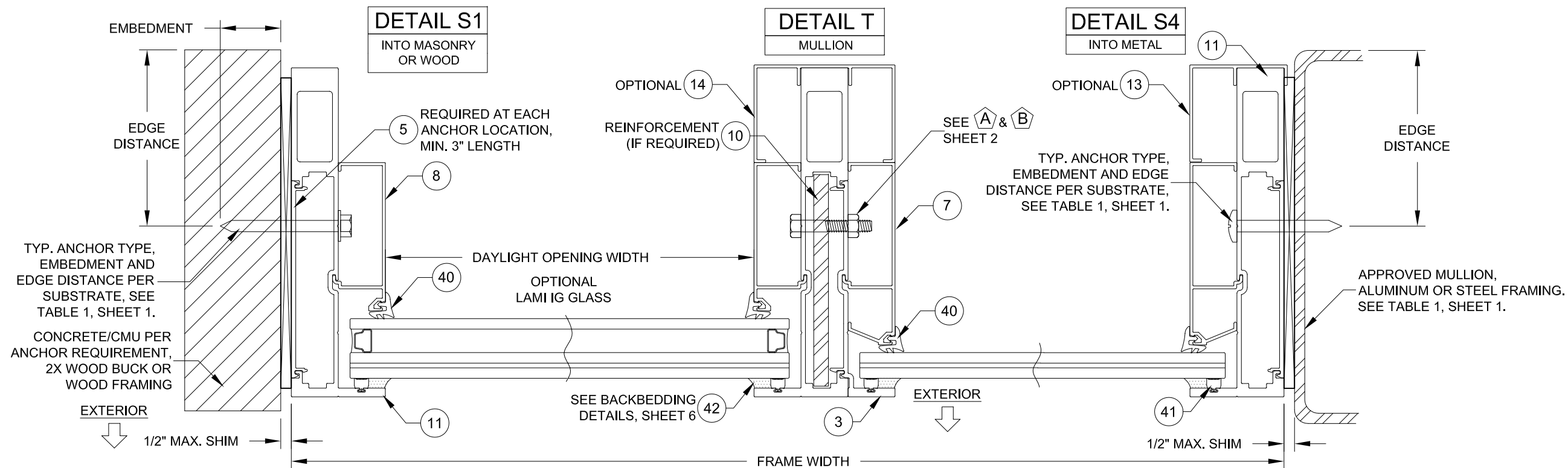


- INSTALLATION NOTES:**
- USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE 1, SHEET 1. ANY INSTALLATION OPTION SHOWN MAY BE USED ON ANY SIDE OF THE WINDOW. ALL ANCHOR HEAD TYPES ARE ALLOWED.
 - ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE 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.

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5" HORIZ. CROSS SECTION	J ROSOWSKI
STOREFRONT WINDOW SYSTEM DETAILS - LM	Rev. Description
SS-3520	SS3520FPA-A
NTS	03/23/16
4 OF 16	Date
Sheet	By

ANTHONY LYNN MILLER
LICENSE
No. 58705
9/22/20
STATE OF FLORIDA
PROFESSIONAL ENGINEER
A. LYNN MILLER, P.E.
P.E.# 58705



INSTALLATION NOTES:

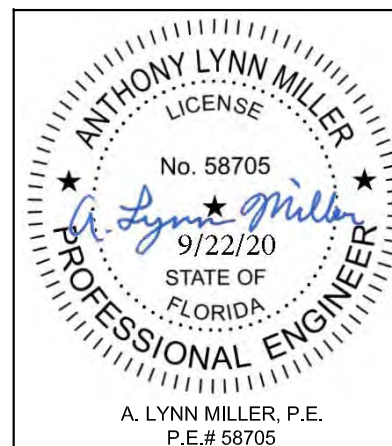
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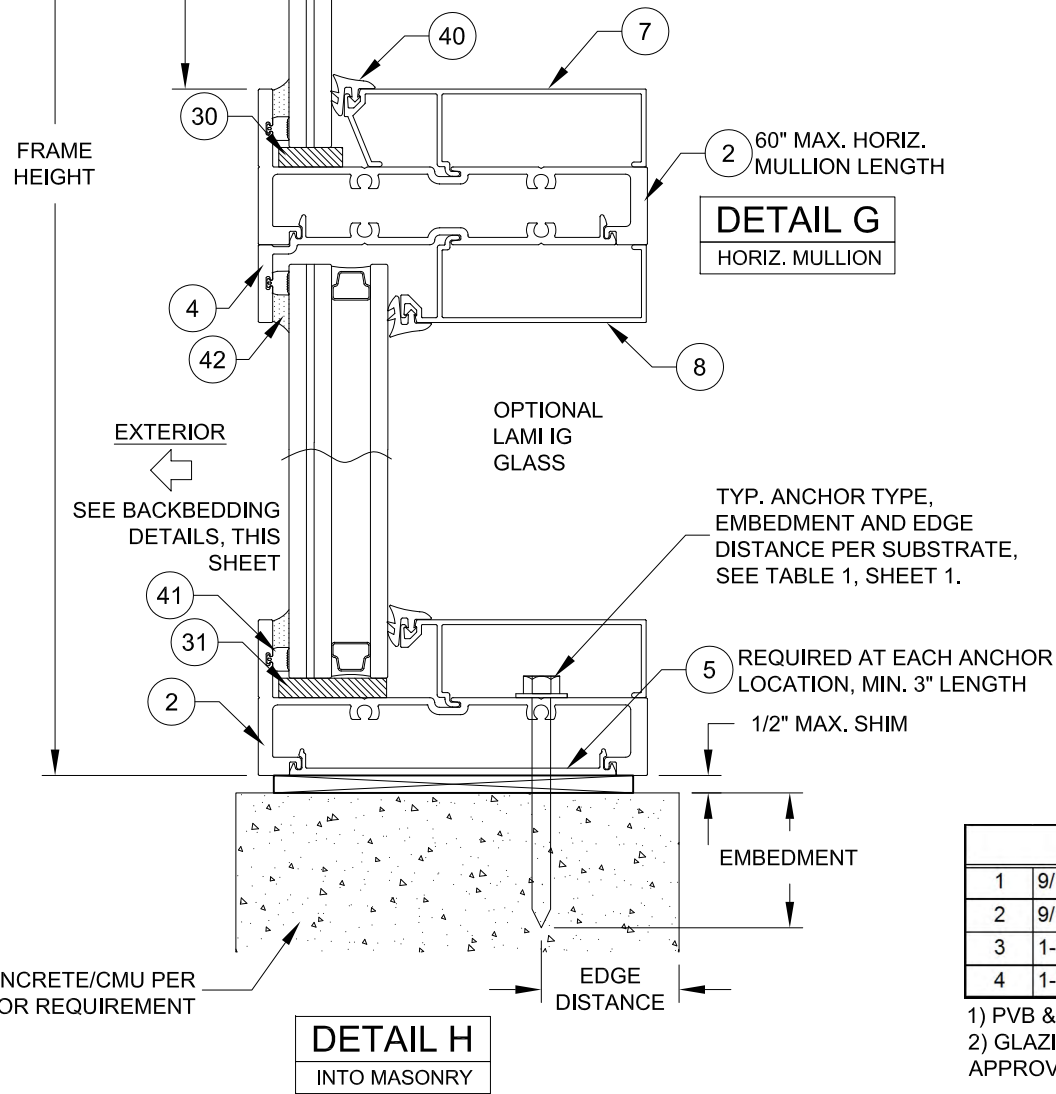
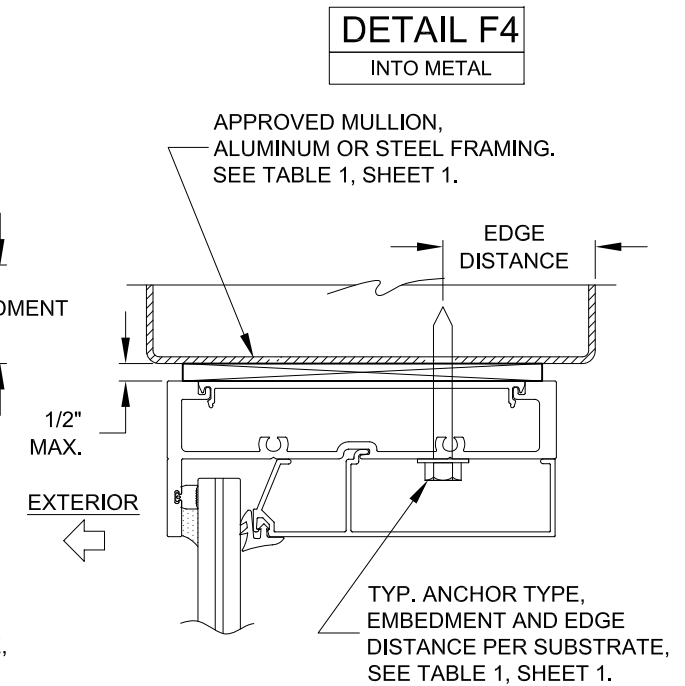
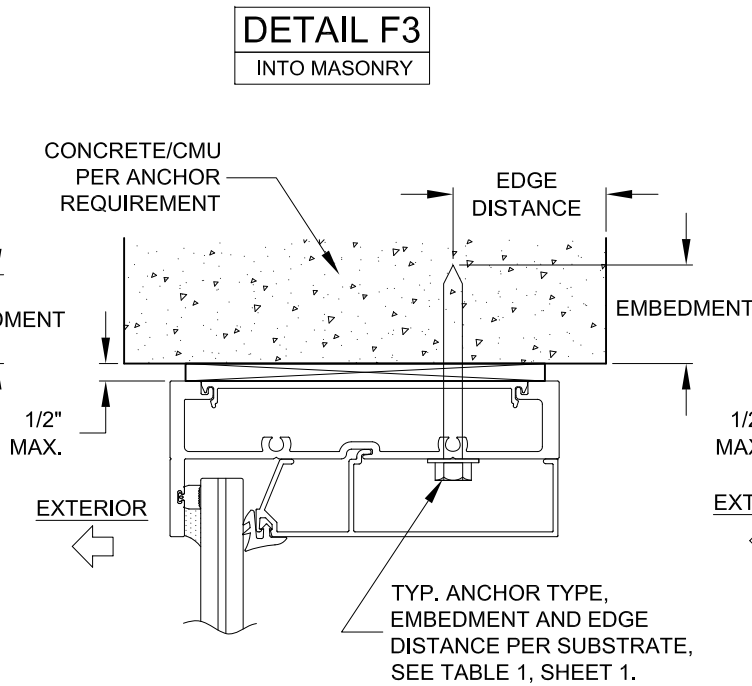
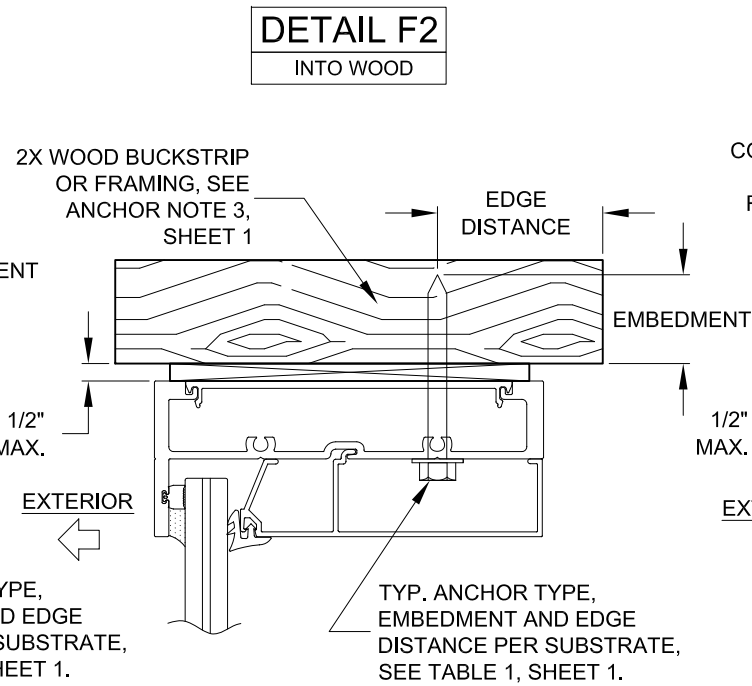
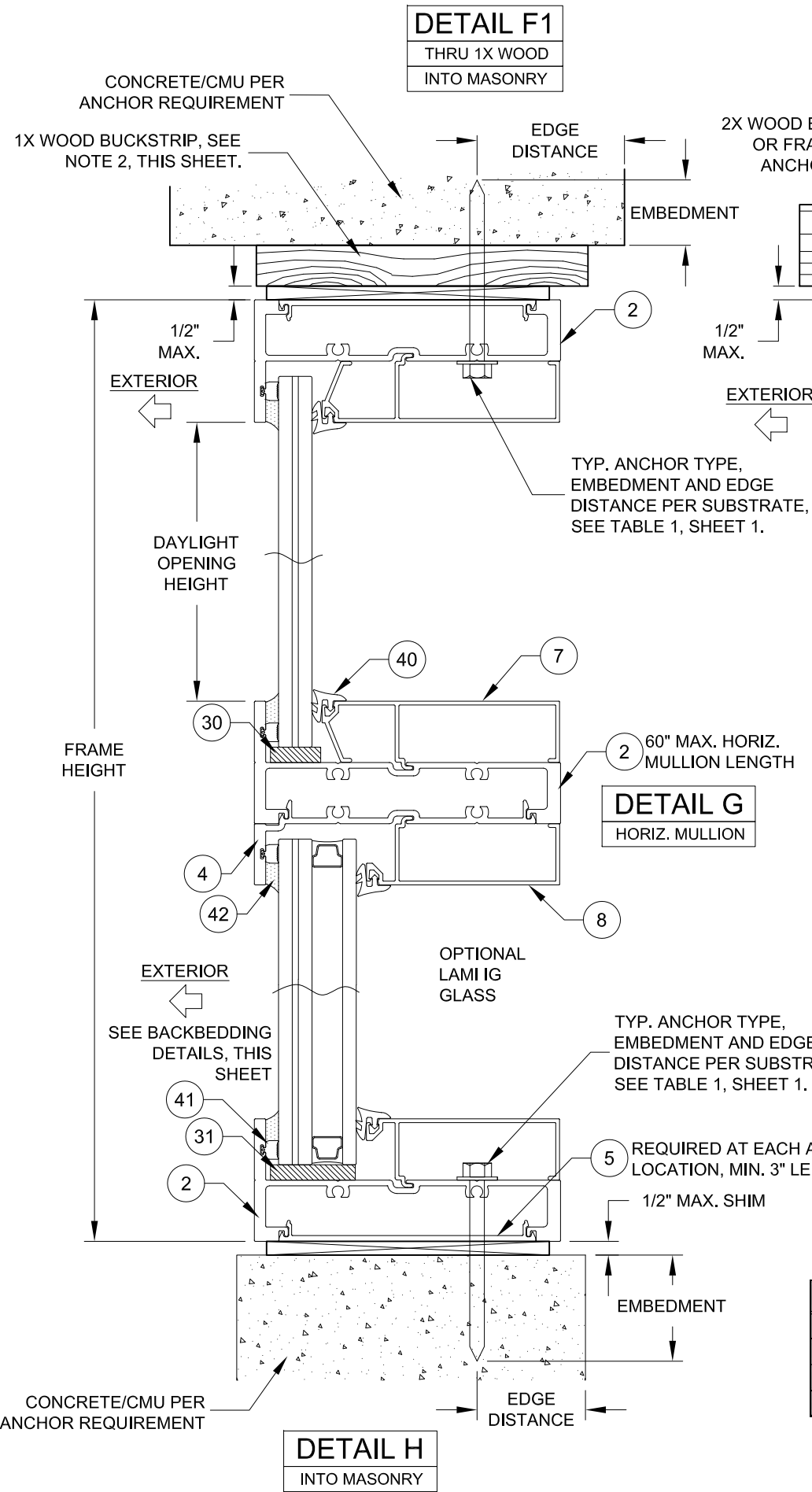
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J ROSOWSKI

7" HORIZ. CROSS SECTION
STOREFRONT WINDOW SYSTEM DETAILS - LM

Series	Desc.	Title	Scale	Sheet	No.	Date	Rev.
SS-3520	NTS	5 OF 16	SS3520FPA-A	03/23/16			A



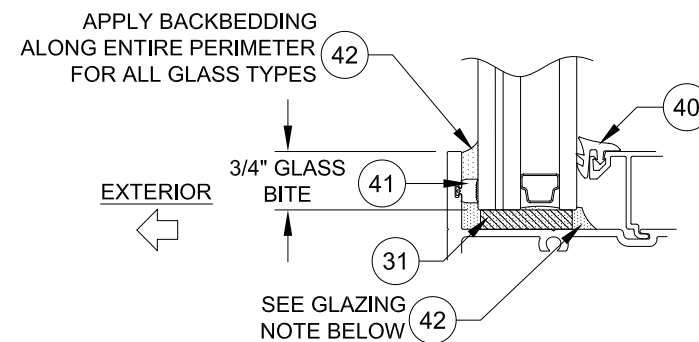
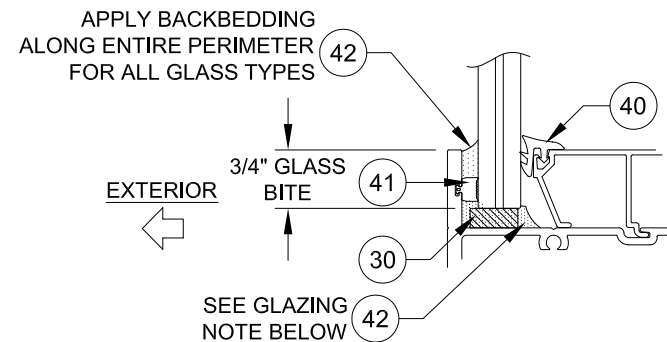
INSTALLATION NOTES:

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



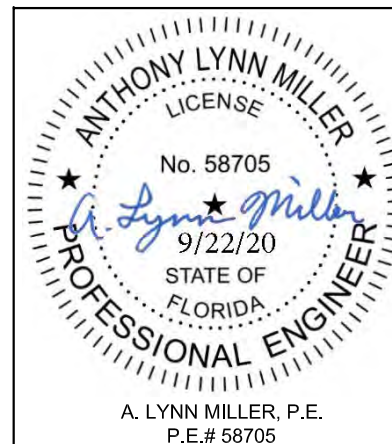
GLAZING NOTE:

- FOR GLASS TYPES 1 & 3:
APPLY BACKBEDDING ALONG ENTIRE PERIMETER
- FOR GLASS TYPES 2 & 4:
APPLY BACKBEDDING ALONG 20" FROM EACH CORNER



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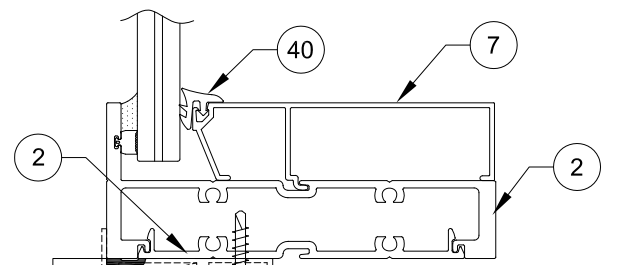
JENS ROSOWSKI

VERTICAL CROSS SECTION
STOREFRONT WINDOW SYSTEM DETAILS - LM

Rev.	Description	Date
A		01/02/18
SS3520FPA-A		
SS-3520	NTS	6 OF 16

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

DETAIL J
PTAC INSERT

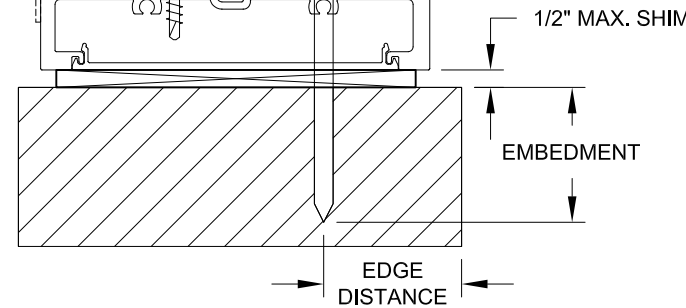


REFER TO PTAC LOUVER
APPROVAL FOR LOUVER
INSTALLATION REQUIREMENTS

REMOVE GLAZING
LEG AS REQUIRED
FOR PTAC LOUVER
INSTALLATION

EXTERIOR

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 PGT, CGI OR WINDOWOR 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.

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1/2" MAX.
SHIM

EDGE
DISTANCE

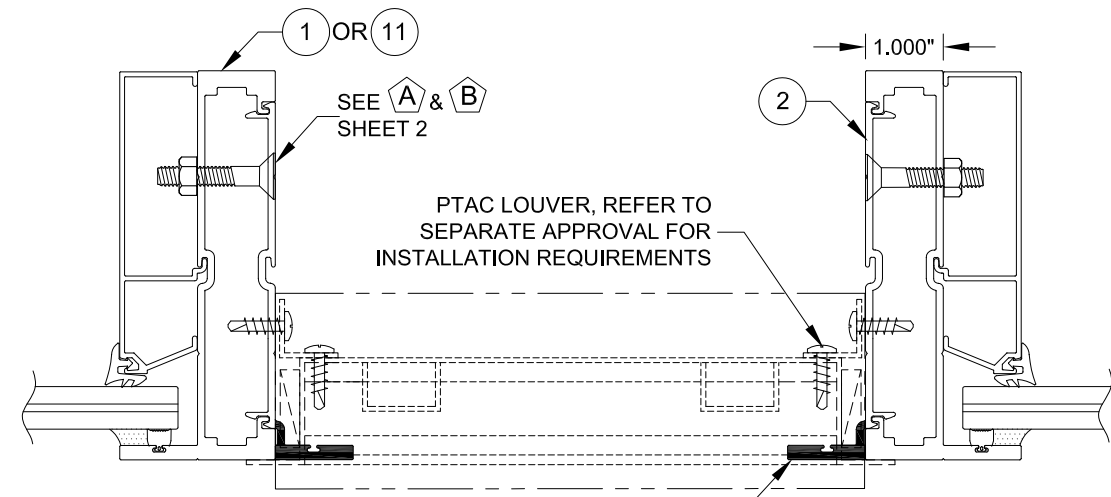
EMBEDMENT

DETAIL N
WINDOW INSERT

EXTERIOR

PGT, CGI OR WINDOWOR
FLANGED WINDOW (AWNING
SHOWN), REFER TO SEPARATE
APPROVAL FOR INSTALLATION
REQUIREMENTS

DETAIL O
WINDOW INSERT

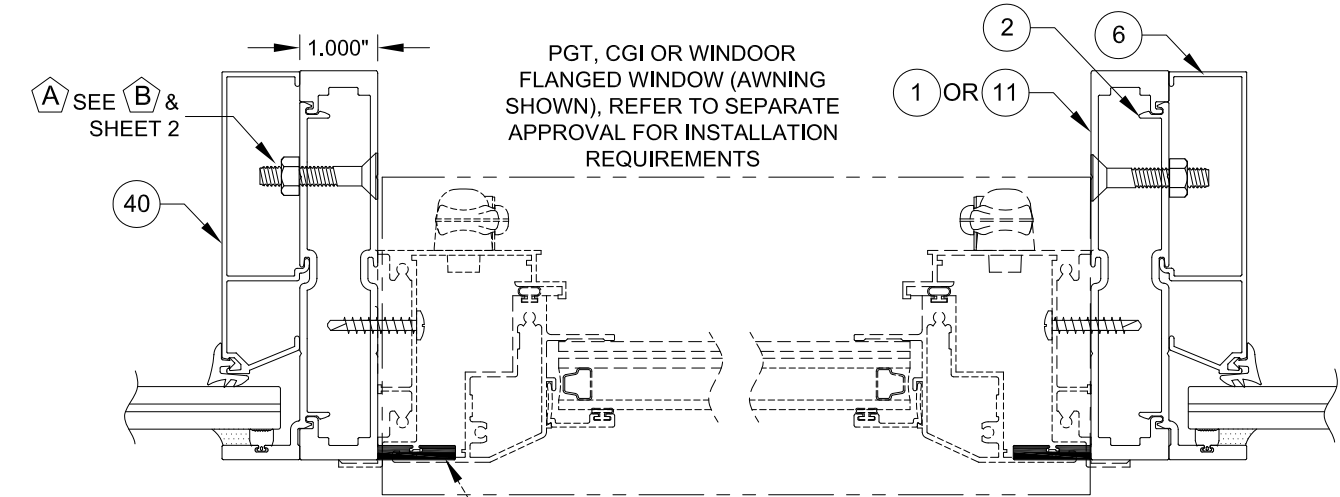


DETAIL L
PTAC INSERT

REMOVE GLAZING LEG AS
REQUIRED FOR PTAC
LOUVER INSTALLATION

EXTERIOR

DETAIL M
PTAC INSERT



DETAIL P
WINDOW INSERT

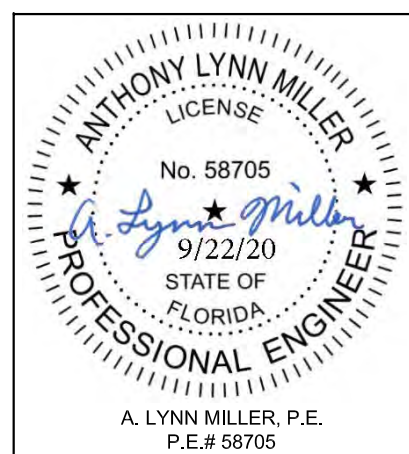
REMOVE GLAZING LEG
@ WINDOW INSERT

EXTERIOR

DETAIL Q
WINDOW INSERT



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

STOREFRONT WINDOW SYSTEM DETAILS - LM

SS3520FPA-A

7 OF 16

NTS

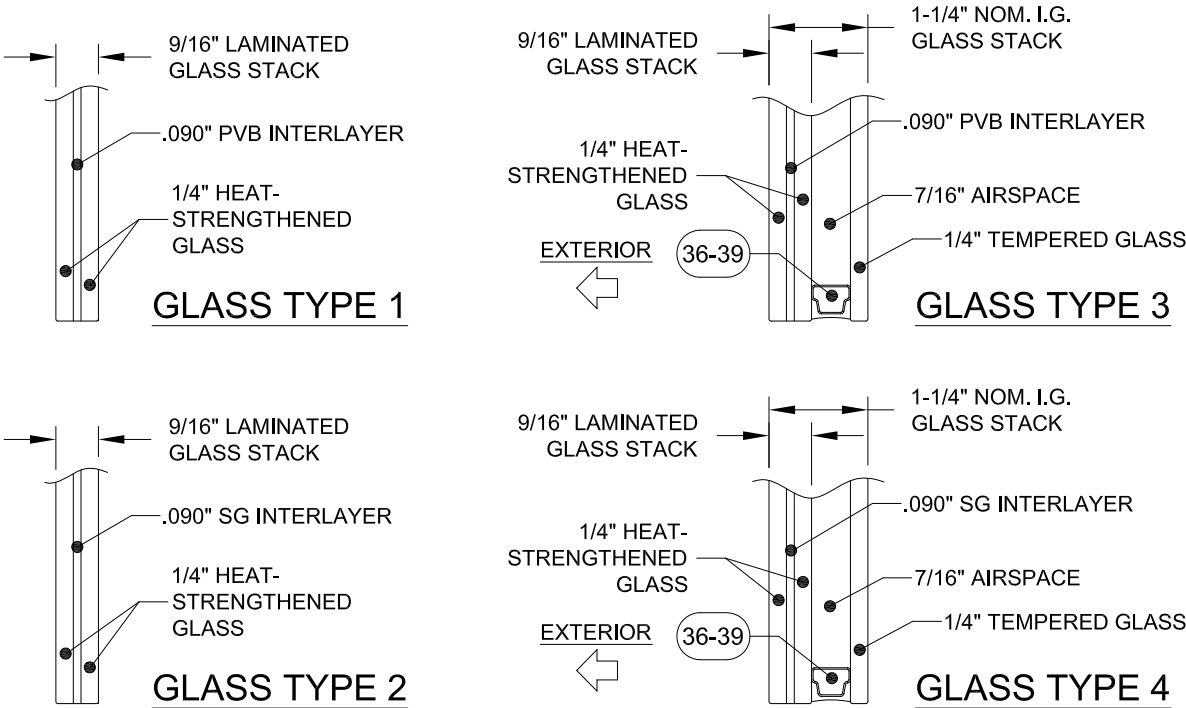
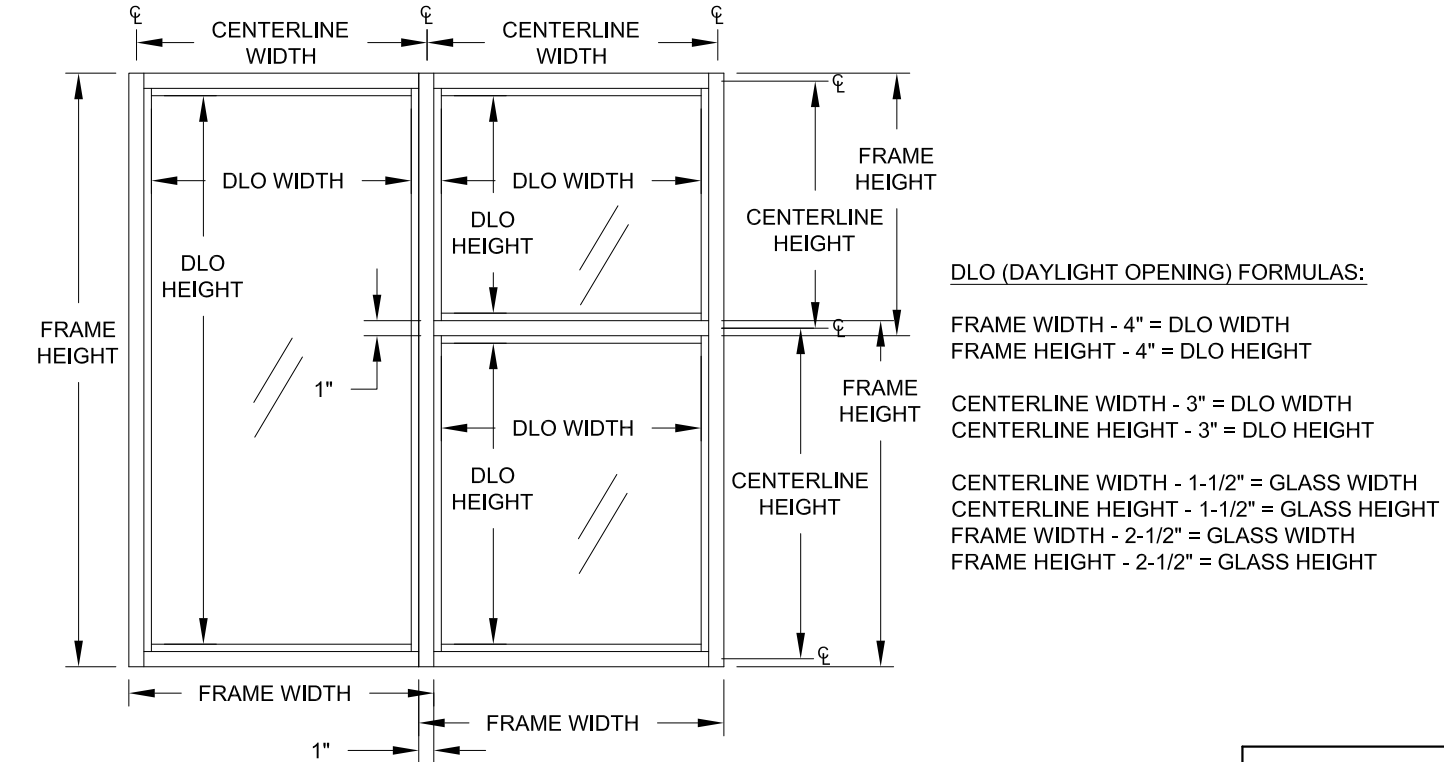
SS-3520

03/23/16

A

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	Centerline Width	Frame Height	Glass Types 1 & 3	Glass Types 2 & 4	Centerline Width	Frame Height	Glass Types 1 & 3	Glass Types 2 & 4
24"	48"	+70/-80	+90/-120	24"	78"	+70/-80	+90/-120	24"	106"	+70/-80	+90/-120
30"		+70/-80	+90/-120	30"		+70/-80	+90/-120	30"		+70/-80	+90/-120
36"		+70/-80	+90/-120	36"		+70/-80	+90/-120	36"		+70/-80	+90/-120
42"		+70/-80	+90/-120	42"		+70/-80	+90/-120	42"		+70/-80	+90/-120
48"		+70/-80	+90/-120	48"		+70/-80	+90/-120	48"			+90/-120
54"		+70/-80	+90/-120	54"		+70/-80	+90/-120	54"			+90/-100
60"		+70/-80	+90/-120	60"		+68.6/-78.5	+90/-120	60"			+90/-100
70"		+70/-80	+90/-120	70"			+90/-119.4	70"			+70/-70
72"		+70/-80	+90/-120	72"			+90/-118.9	72"			+69.3/-69.3
84"		+70/-80	+90/-120	84"				24"	114"	+70/-80	+90/-120
90"		+70/-80	+90/-120	90"				30"		+70/-80	+90/-120
92"		+70/-80	+90/-120	92"				36"		+70/-80	+90/-120
96"		+70/-80	+90/-120	96"				42"			+90/-120
102"			+90/-120	102"			+69/-69	48"			+90/-120
108"			+90/-120	108"			+66.8/-66.8	54"			+90/-100
120"			+90/-120	24"	84"	+70/-80	+90/-120	60"			+90/-100
132"			+90/-100	30"		+70/-80	+90/-120	70"			+68.6/-68.6
144"			+90/-100	36"		+70/-80	+90/-120	72"			+67.5/-67.5
168"			+60/-60.7	42"		+70/-80	+90/-120	24"	120"	+70/-80	+90/-120
180"			+60/-60	48"		+70/-80	+90/-120	30"		+70/-80	+90/-120
24"	60"	+70/-80	+90/-120	54"		+69.2/-79.1	+90/-120	36"		+70/-80	+90/-120
30"		+70/-80	+90/-120	60"			+90/-119.5	42"			+90/-120
36"		+70/-80	+90/-120	70"			+90/-100	48"			+90/-120
42"		+70/-80	+90/-120	72"			+90/-100	54"			+90/-100
48"		+70/-80	+90/-120	84"			+90/-100	60"			+90/-100
54"		+70/-80	+90/-120	90"	90"		+70/-70	70"			+67.1/-67.1
60"		+70/-80	+90/-120	92"			+70/-70	72"			+66/-66
70"		+70/-80	+90/-120	96"			+70/-70	24"	126"	+70/-80	+90/-120
72"		+70/-80	+90/-120	102"			+67.3/-67.3	30"		+70/-80	+90/-120
84"			+90/-119.5	24"	90"	+70/-80	+90/-120	36"		+70/-80	+90/-120
90"			+90/-115.2	30"		+70/-80	+90/-120	42"			+90/-120
92"			+90/-114	36"		+70/-80	+90/-120	48"			+90/-100
96"			+90/-111.7	42"		+70/-80	+90/-120	54"			+90/-100
102"			+90/-100	48"		+70/-80	+90/-120	60"			+70/-70
108"			+90/-100	54"			+90/-120	24"	132"	+70/-80	+90/-120
120"			+90/-100	60"			+90/-115.2	30"		+70/-80	+90/-120
132"			+70/-70	70"			+90/-100	36"			+90/-120
144"			+70/-70	72"			+90/-100	42"			+90/-120
24"	72"	+70/-80	+90/-120	84"			+70/-70	48"			+90/-100
30"		+70/-80	+90/-120	90"			+70/-70	54"			+90/-100
36"		+70/-80	+90/-120	92"			+70/-70	60"			+70/-70
42"		+70/-80	+90/-120	96"			+69.6/-69.6	24"	138"	+70/-80	+90/-120
48"		+70/-80	+90/-120	24"	97-3/4"	+70/-80	+90/-120	30"		+70/-80	+90/-120
54"		+70/-80	+90/-120	30"		+70/-80	+90/-120	36"			+90/-120
60"		+70/-80	+90/-120	36"		+70/-80	+90/-120	42"			+90/-100
70"			+90/-120	42"		+70/-80	+90/-120	48"			+90/-100
72"			+90/-120	48"		+70/-80	+90/-120	54"			+65.6/-65.6
84"			+90/-100	54"			+90/-117.9	60"			+70/-70
90"			+90/-100	60"			+90/-100	24"	144"	+70/-80	+90/-120
92"			+90/-100	70"			+90/-100	30"		+70/-80	+90/-120
96"			+90/-100	72"			+89/-99	36"			+90/-120
102"			+70/-70	84"			+69.4/-69.4	42"			+90/-100
108"			+69.3/-69.3	24"	102"	+70/-80	+90/-120	48"			+90/-100
120"			+66/-66	30"		+70/-80	+90/-120	54"			+70/-70
				36"		+70/-80	+90/-120	60"			+70/-70
				42"		+70/-80	+90/-120	24"	168"		+60/-75
				48"			+90/-120	30"			+60/-75
				54"			+90/-116.1	36"			+60/-75
				60"			+90/-100	42"			+60/-67.9
				70"			+88.1/-97.9	48"			+60/-60.7
				72"			+70/-70	24"	180"		+60/-75
				84"			+67.3/-67.3	30"			+60/-75
								36"			+60/-75
								42"			+60/-67.3
								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 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.

CGI Commercial Architectural Products

CGI WINDOWS AND DOORS, INC.
3780 W 104TH STREET
HIALEAH, FL 33018
(305) 593-6590

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ANTHONY LYNN MILLER
LICENSE
No. 58705
9/22/20
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

Rev.

A

Rev. Description

JENS ROSOWSKI

Date

01/02/18

No. DWG

SS3520FPA-A

Sheet

8 OF 16

Scale

NTS

Title

TABLE 2 & GLASS TYPES

Desc.

STOREFRONT WINDOW SYSTEM DETAILS - LM

Series

SS-3520

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" Anchor Quantity			Group "B" Anchor Quantity			Group "C" Anchor Quantity			Group "D" 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	93.4	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"	60"	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"		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"	72"	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"		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		

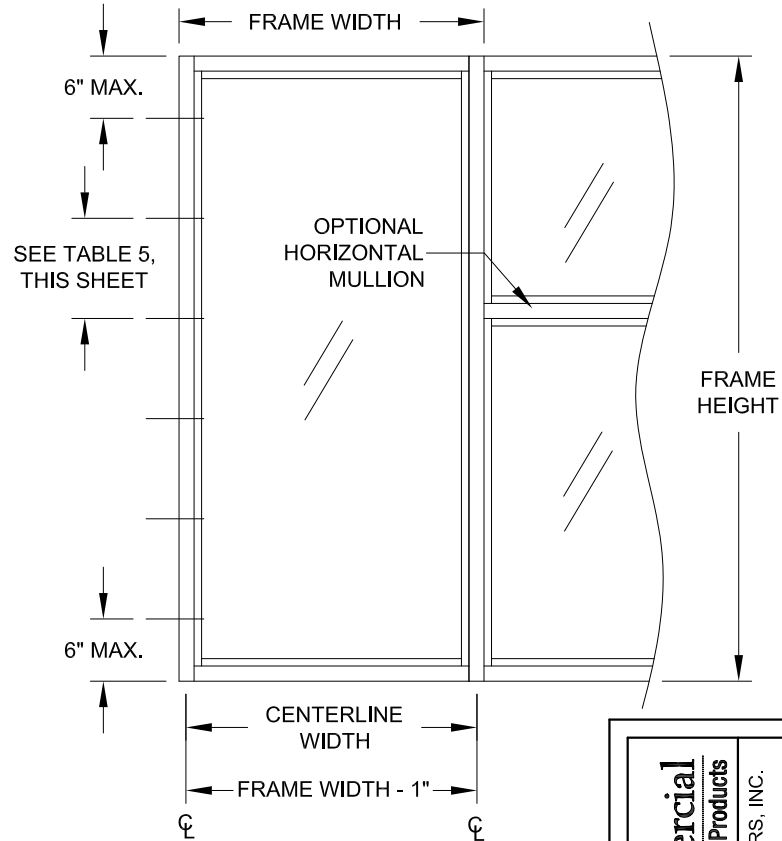
1. IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (COMPATIBLE STOREFRONT ENTRANCE DOOR, PTAC LOUVER OR WINDOW INSERT) THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.
2. FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT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

Mullion Anchor Cluster DP at Head/Sill, (+/- psf)											Shim Thickness: 1/2"		
Average Centerline Width	Frame Height	Group "A" Anchor Quantity			Group "B" Anchor Quantity			Group "C" Anchor Quantity			Group "D" 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	

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 Wicth	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"	15"	18"	18"
60"		18"	15"	18"	18"
70"		18"	15"	18"	18"
72"		18"	15"	18"	18"
84"		18"	15"	18"	18"
90"		18"	15"	18"	18"
92"		18"	15"	18"	18"
96"		18"	15"	18"	18"
102"		18"	15"	18"	18"
108"		18"	15"	18"	18"
120"		18"	15"	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"		13-11/13"	12*	18"	18"
72"	13-11/13"	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"	16-5/16"	18"	18"
48"		18"	14-1/4"	18"	18"
54"		16-5/16"	14-1/4"	18"	18"
60"		14-1/4"	12-11/16"	18"	18"
24"		132"	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"
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"
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"	14-11/13"		12*	18"	18"
24"	168"		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.

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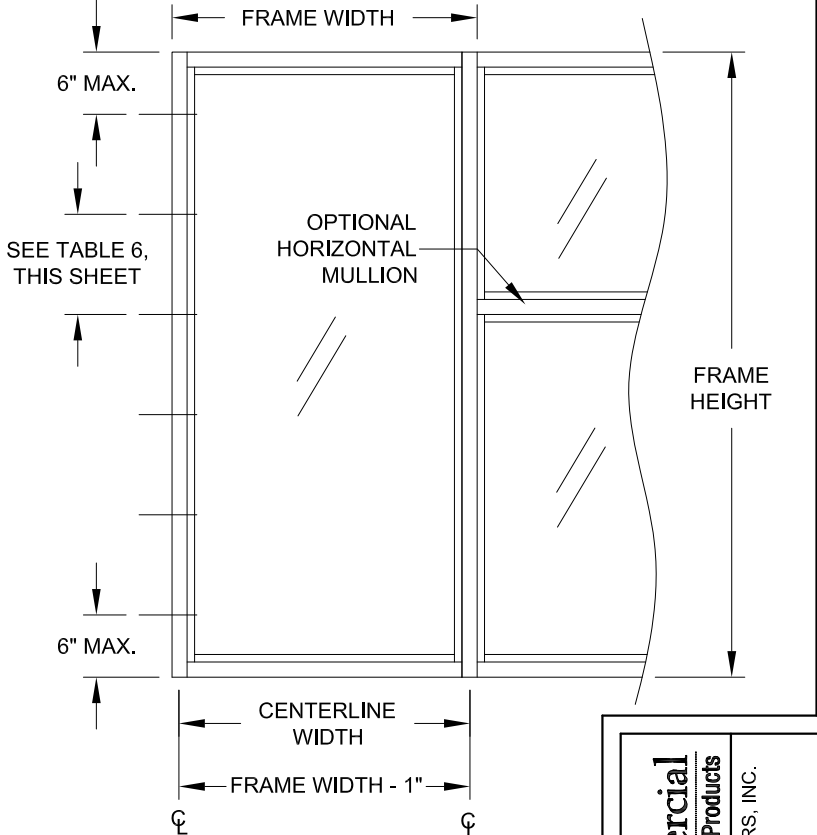
TABLE 5	JENS ROSOWSKI		CORRECTED SIZES IN	
STOREFRONT WINDOW SYSTEM DETAILS - LM	Drawn	By	TABLE - JR, 09/15/20	
SS-3520	Scale	NTS	Sheet	11 OF 16
	DWG No.	SS3520FPA-A	Date	01/02/18
	Desc.	Rev. Description		
		A		

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"
132"		15"	15"	18"	18"
144"		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"		18"	18"	18"	18"
48"		15-5/8"	18"	18"	18"
54"		15-5/8"	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"		18"	18"	18"	18"
36"		16-5/16"	18"	18"	18"
42"		14-1/4"	16-5/16"	18"	18"
48"		12-11/16"	14-1/4"	18"	18"
54"		11-3/8"	14-1/4"	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"



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

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CORRECTED SIZES IN		TABLE - JR, 09/15/20		Rev.		A	
JENS ROSOWSKI		STOREFRONT WINDOW SYSTEM DETAILS - LM		Date		01/02/18	
TABLE 6		SS3520FPA-A		No.		12 OF 16	
SS-3520		NTS		Scale		Sheet	
Series		Description		Title		Table	

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						

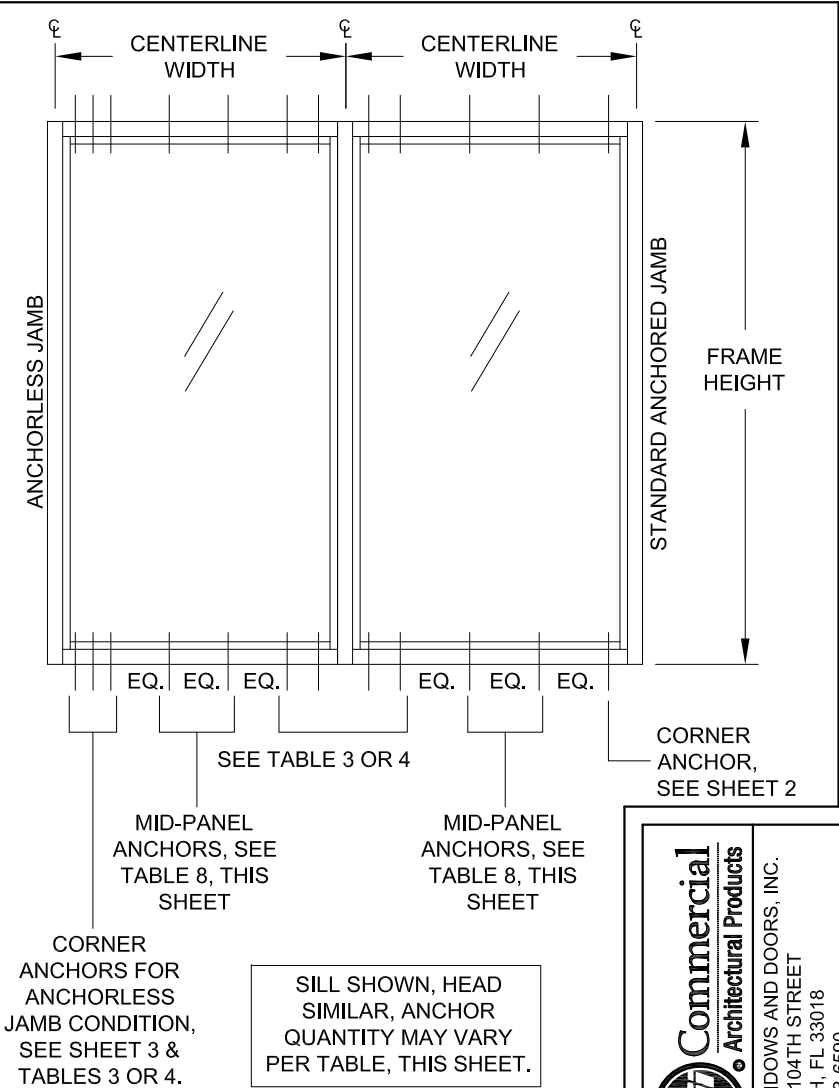
Mid-Panel Anchor Quantity						Shim Thickness = 1/4"					
Nominal Dim.		Installed with Group "A" Anchors	Installed with Group "B" Anchors	Installed with Group "C" Anchors	Installed with Group "D" Anchors						
Centerline Width	Frame Height										
24"	78"	1	1	1	1						
30"		1	1	1	1						
36"		1	2	1	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"
---------------------------	--	--	--	--	--	-----------------------

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	4
92"		8	7	5	5
96"		9	8	5	5
102"		9	8	6	5
108"		10	9	6	6
120"		12	11	7	6

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
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
70"		5	5	3	3
72"		5	5	3	3
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
70"		5	5	3	3
72"		5	5	3	3
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
70"		5	5	3	3
72"		5	5	3	3
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
70"		5	5	3	3
72"		5	5	3	3
24"	144"	1	1	1	1
30"		1	1	1	1
36"		1	1	1	1
42"		2	1	1	1
48"		2	2	1	1
54"		3	2	2	1
60"		3	3	2	2
70"		4	3	2	2
72"		5	5	3	3
24"	144"	1	1	1	1
30"		1	1	1	1
36"		1	1	1	1
42"		2	1	1	1
48"		2	2	1	1
54"		3	2	2	1
60"		3	3	2	2
70"		4	3	2	2
72"		5	5	3	3



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".

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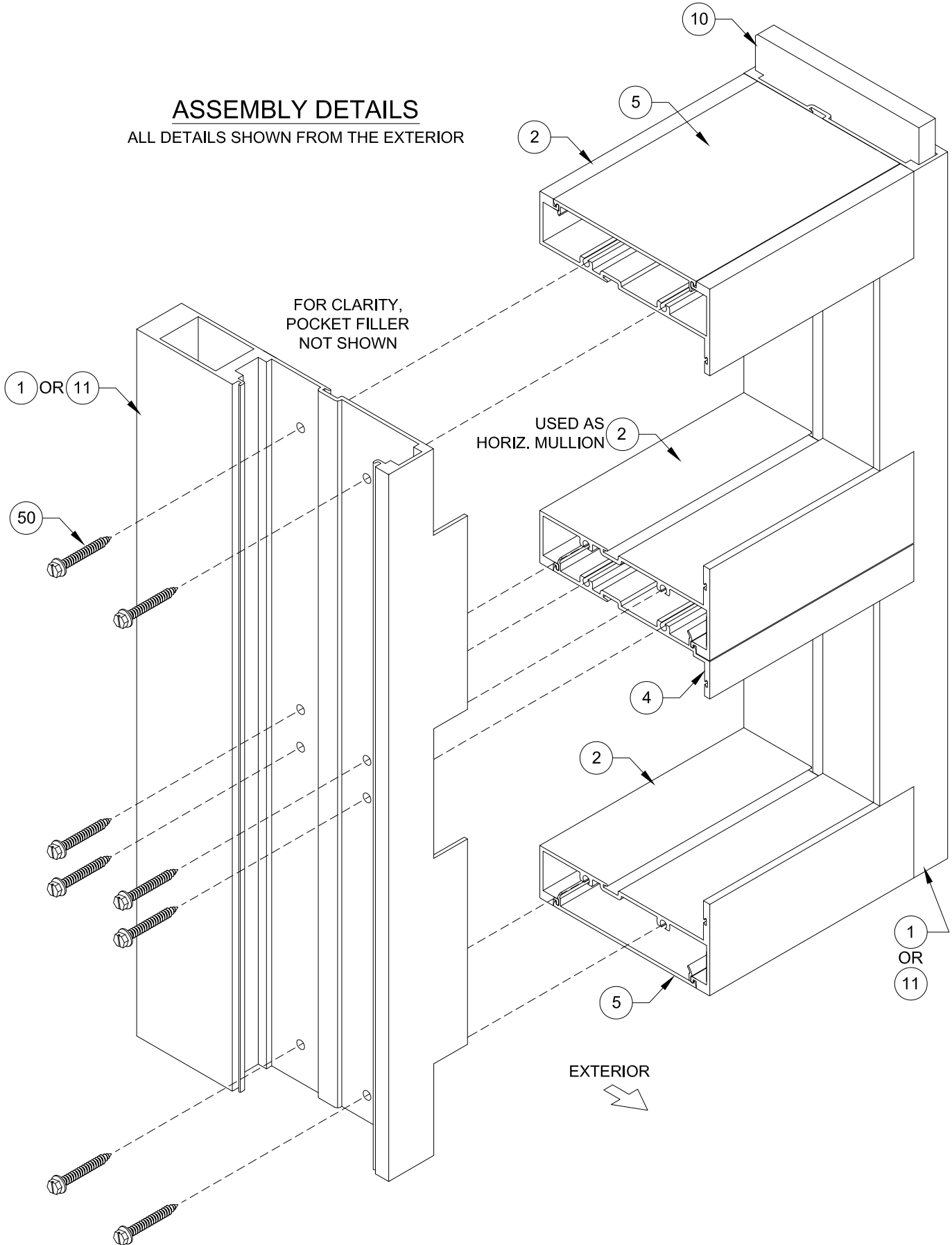
TABLE 8	Drawn By	JENS ROSOWSKI	Rev. Description	
STOREFRONT WINDOW SYSTEM DETAILS - LM				
SS-3520	Scale	NTS	Sheet	14 OF 16
SS3520FPA-A	No. DWG	SS3520FPA-A	Date	01/02/18
Series	Desc.	TABLE - JR, 09/15/20		
CORRECTED SIZES IN			Rev.	A

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/-120	+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
120"					
132"					
144"					
168"					
180"					
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"			+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
108"					
120"					
132"					
144"					
168"					
180"					
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"					
108"					
120"					
132"					
144"					
168"					
180"					
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
90"				+70/-70	+60/-75
92"				+70/-70	+60/-75
96"				+70/-70	+60/-75
102"					
108"					
120"					
132"					
144"					
168"					
180"					
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
90"					
92"					
96"					
102"					
108"					
120"					
132"					
144"					
168"					
180"					

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
70"					
72"					
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
70"					
72"					
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
70"					
72"					
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
70"					
72"					
24"	168"				+60/-75
30"					+60/-75
36"					+60/-75
42"					+60/-72.8
48"					+60/-65
54"					+60/-75
60"					+60/-75
70"					+60/-67.3
72"				+60/-60	
24"	180"				+60/-75
30"					+60/-75
36"					+60/-75
42"					+60/-67.3
48"					+60/-60
54"					
60"					
70"					
72"					



ASSEMBLY DETAILS
ALL DETAILS SHOWN FROM THE EXTERIOR

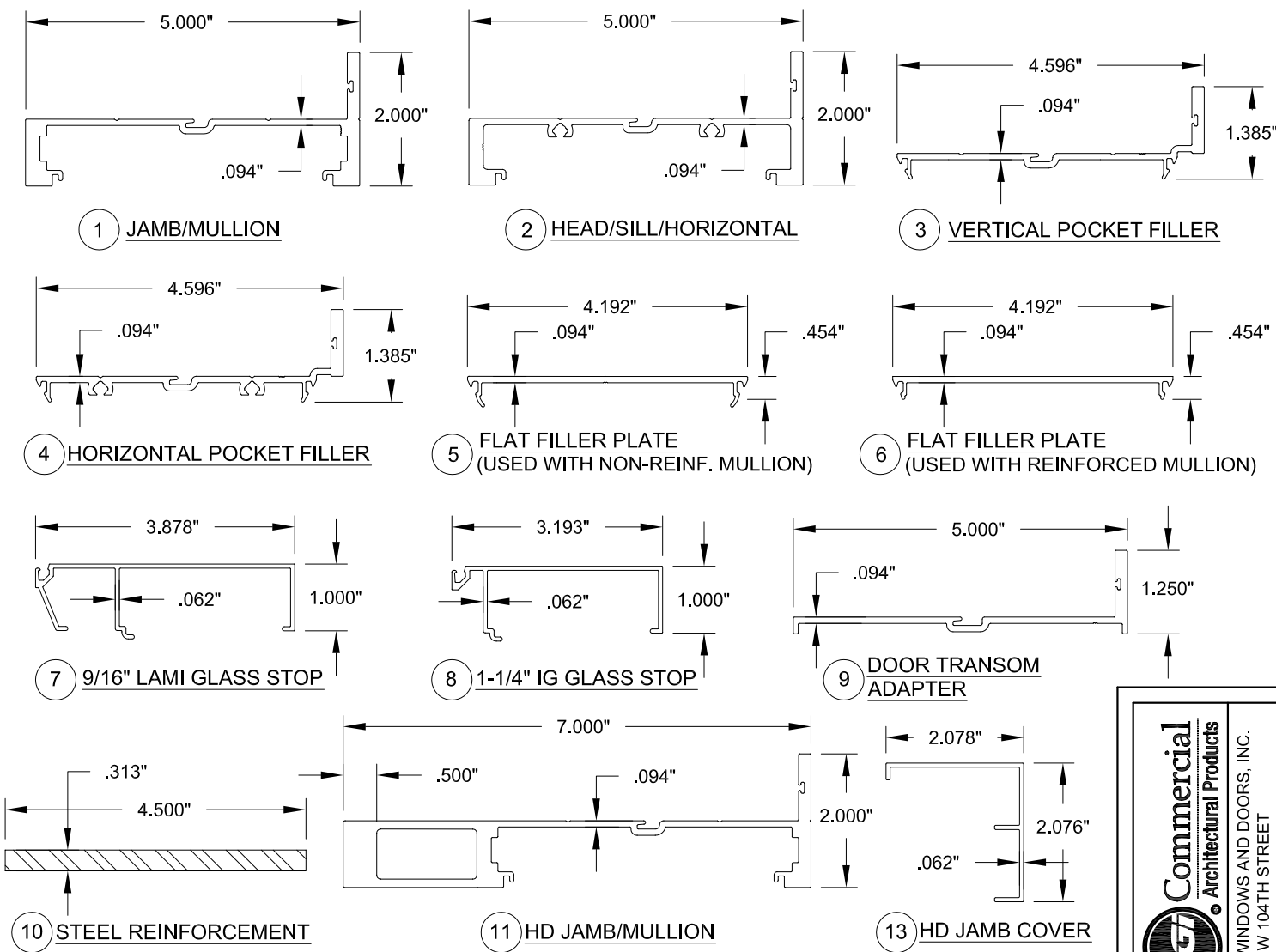


TABLE 10:

Item #	Part #	Description	Material
1	CGIC-206	Jamb/Mullion	6063-T6 Alum.
2	CGIC-201	Head/Sill/Horizontal	6063-T6 Alum.
3	CGIC-207	Vertical Pocket Filler	6063-T6 Alum.
4	CGIC-202	Horizontal Pocket Filler	6063-T6 Alum.
5	CGIC-203	Flat Filler Plate (used with non-reinf. mullion)	6063-T6 Alum.
6	CGIC-003	Flat Filler Plate (used with reinforced mullion)	6063-T6 Alum.
7	CGIC-204	9/16" Lami Glass Stop	6063-T6 Alum.
8	CGIC-205	1-1/4" IG Glass Stop	6063-T6 Alum.
9	CGIC-212	Door Transom Adapter	6063-T6 Alum.
10	CGIC-209	Steel Reinforcement	A36 Steel
11	CGIC-208	HD Jamb/Mullion	6063-T6 Alum.
13	CGIC-214	HD Jamb Cover	6063-T6 Alum.
14	CGIC-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
36		Thermo-plastic Spacer System	varies
37		Foam Spacer System	varies
38		Metal Reinforced Foam Spacer System	varies
39		Metal Spacer System	varies
40	CGIC-006	Glass Stop Gasket (@ beading, duro. = 65 +/-5)	EPDM
41	CGIC-007	Spacer Gasket (@ glazing leg, duro. = 80 +/-5)	Santoprene
42		Silicone Backbedding: Dow 791, 983, 995, GE7700	
50	CGIC-010	Frame Assembly Screw (#12 x 1-1/2" Hex Washer)	Stainless Steel

Commercial
Architectural Products

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9/22/20
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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

Rev.

A

Rev. Description

By

JENS ROSOWSKI

Date

01/02/18

DWG No.

SS3520FPA-A

Sheet

16 OF 16

Scale

NTS

Series

SS-3520

Title

BOM & EXTRUSIONS

Description

STOREFRONT WINDOW SYSTEM DETAILS - LM