

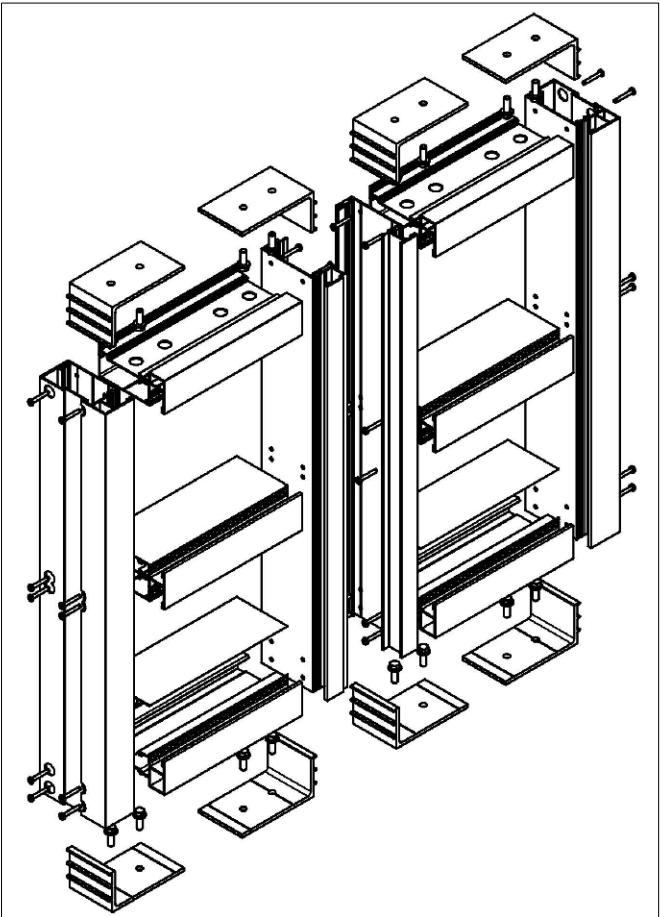
MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM
BY



GENERAL NOTES:

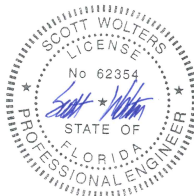
1. THIS PRODUCT HAS BEEN TESTED PER TAS 201, 202, 203, AND AAMA 501 TO MEET ALL OF THE REQUIREMENTS OF THE 7TH EDITION (2020) AND 8TH EDITION (2023) FLORIDA BUILDING CODES, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PROVISIONS.
2. THIS SYSTEM IS RATED FOR LARGE AND SMALL MISSILE IMPACT (LMI/SMI), SHUTTERS ARE NOT REQUIRED.
3. ALL SHIMS, LOCATED AND APPLIED, SHALL BE HIGH-IMPACT, NON-METALLIC, NON-COMPRESSIBLE AND MADE OF MATERIALS AND THICKNESS CAPABLE OF WITHSTANDING APPLICABLE LOADS.
4. 1X WOOD BUCKS OVER CONCRETE OR MASONRY ARE OPTIONAL.
5. 1X WOOD BUCKS, AND MASONRY OPENINGS ARE BY OTHERS, MUST BE DESIGNED AND PROPERLY INSTALLED TO ADEQUATELY TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE, AND ARE THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
6. WOOD BUCKS SHALL EXTEND BEYOND INTERIOR FACE OF THIS PRODUCT TO PROVIDE FULL FRAME SUPPORT.
7. WHERE 1BY WOOD BUCK IS USED, SEPARATE DISSIMILAR MATERIALS WITH APPROVED COATING OR MEMBRANE; SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
8. DESIGN PRESSURE CAPACITIES REFERENCED HEREIN MEET THE REQUIREMENTS OF ASTM E1300-04.
9. ALL ANCHORS AND FASTENERS SHALL BE CORROSION-RESISTANT, SPACED AS SHOWN ON DETAILS AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS; SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND STUCCO OR WALL FINISHES.

10. FOR ANCHORING INTO CONCRETE STRUCTURES USE 3/8" DEWALT SCREW BOLT, OR EQUIVALENT, WITH SUFFICIENT LENGTH TO ACHIEVE A 3 1/4" MINIMUM EMBEDMENT INTO THE BUILDING SUBSTRATE WITH 3" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN ON ELEVATIONS AND INSTALLATION DETAILS.
11. FOR ANCHORING INTO METAL STRUCTURES USE 3/8" DEWALT TAP-FLEX ANCHORS, OR EQUIVALENT, WITH SUFFICIENT LENGTH TO ACHIEVE FULL PENETRATION AND THREE (3) THREADS MINIMUM BEYOND THE INTERIOR METAL STRUCTURE. LOCATE ANCHORS AS SHOWN ON ELEVATIONS AND INSTALLATION DETAILS.
12. DISSIMILAR MATERIALS, INCLUDING BUT NOT LIMITED TO METAL SCREWS, THAT COME INTO CONTACT SHALL BE PAINTED OR PLATED PER REQUIREMENTS OF THE FLORIDA BUILDING CODE AND ADOPTED STANDARDS.
13. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURERS'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. CONCRETE:
MINIMUM COMPRESSIVE STRENGTH OF 4,000 PSI.
 - B. METAL STRUCTURE(S):
STEEL: 1/8" MINIMUM THICKNESS, FY=36 KSI MINIMUM.
15. THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE-SPECIFIC PROJECT, I.E., LIFE-SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND WEATHER-SEALING FOR WATER INFILTRATION RESISTANCE, ETC.
16. REFER TO INSTALLATION MANUAL FOR REQUIRED SEALANTS. SEALANTS SHALL BE INSTALLED PER SEALANT MANUFACTURER SPECIFICATIONS.
17. CONDITIONS NOT REPRESENTED IN THESE DRAWINGS SHALL BE ANALYZED SEPARATELY AND REVIEWED BY THE BUILDING OFFICIAL.
18. DESIGN LOADS IN THIS PRODUCT APPROVAL ARE NOMINAL (ASD) PRESSURES; ULTIMATE (LRFD) PRESSURES SHALL BE MULTIPLIED BY 0.6 FOR COMPARISON TO THIS APPROVAL.



INSTRUCTIONS:
(USE CHARTS AS FOLLOWS.)

- STEP 1 : DETERMINE DESIGN WIND LOAD REQUIREMENT BASED ON WIND VELOCITY, BUILDING HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-16 STANDARDS OR UTILIZE DP REQUIREMENTS AS SPECIFIED BY DESIGN PROFESSIONAL OF RECORD (EOR/ AOR)
- STEP 2 : SEE CHART "A" ON SHEET #6 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE & TYPE. REFER TO SHEET #3 FOR GLASS TYPES AND DETAILS.
- STEP 3 : SEE CHARTS "B" & "D" ON SHEETS #7 & 8 FOR JAMBS / MULLIONS AND HORIZONTALS LOAD CAPACITY. NOTE: CAPACITY SHALL EXCEED DESIGN LOAD.
- STEP 4 : USING CHART "C" ON SHEETS #8 & #9 FOR ANCHOR LOAD CAPACITY AND APPLICABLE ANCHOR CONDITIONS, SELECT ANCHOR OPTION WITH DESIGN RATING GREATER THAN THE DESIGN LOAD SPECIFIED IN STEP 1, ABOVE.
- STEP 5 : THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO THE ENTIRE SYSTEM.



Digitally signed
by Scott Wolters
Date: 2025.12.30
11:27:25 -05'00'



MILLER GLASS & GLAZING
100 PARK CENTRAL BLVD. SOUTH
POMPANO BEACH, FL 33064
TEL: (954)-784-6601
FAX: (954)-784-6671

PRODUCT:

MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV.	DATE / REMARKS
1	03-07-24
2	09-12-25
3	12-10-25

ENGINEER:

SCOTT WOLTERS
FL PE #62354

WOLTERS ENGINEERING
(COA#27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

ENGINEER:



PRODUCT CONTROL APPROVAL:

DRAWN: A.G..L
DATE: 10-16-23
DWG: 2575-23

DRAWING No :
1 OF 21

MILLER GLASS & GLAZING
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PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV. DATE / REMARKS

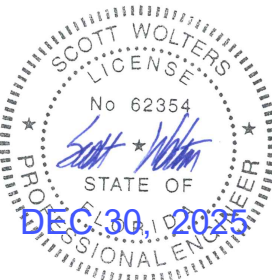
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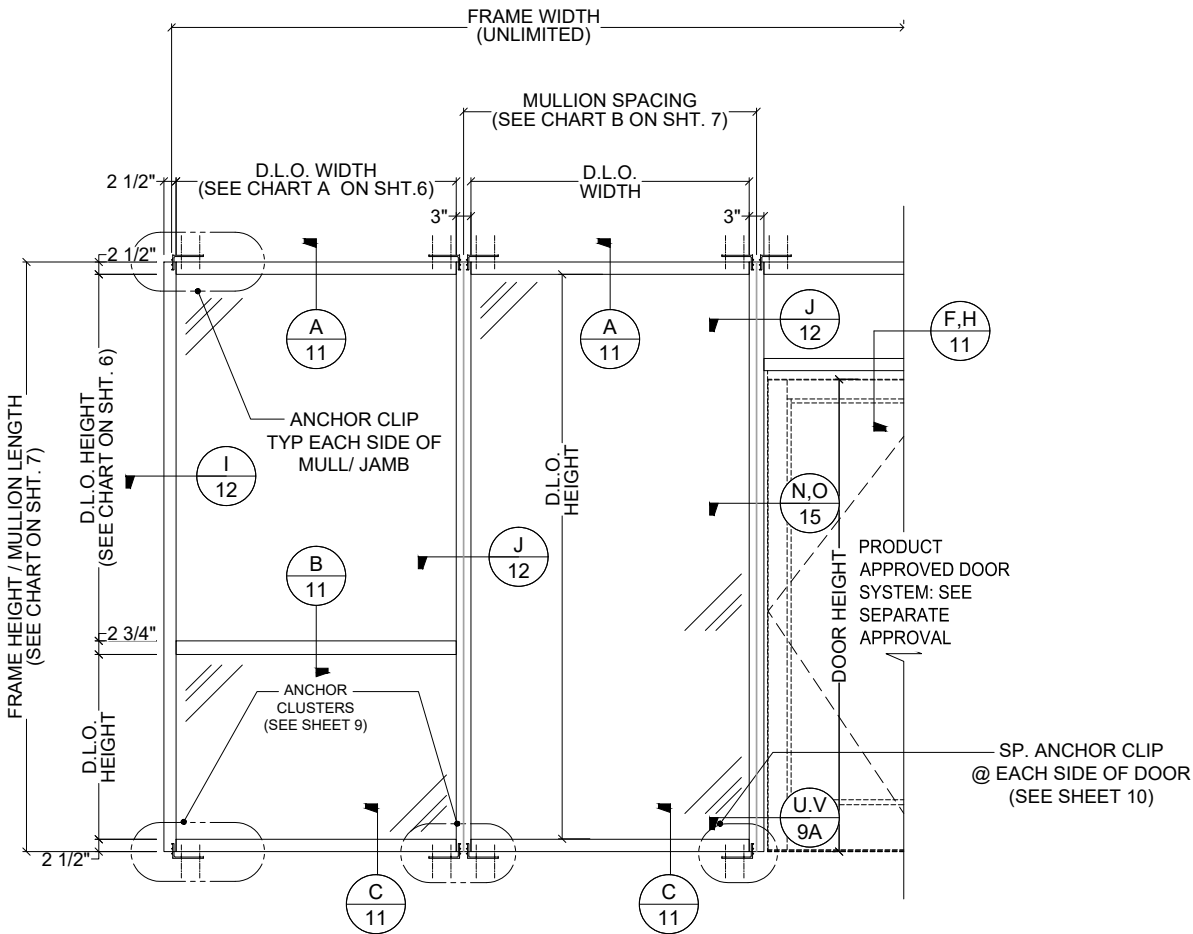


PRODUCT CONTROL APPROVAL:

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DWG: 2575-23

DRAWING No :

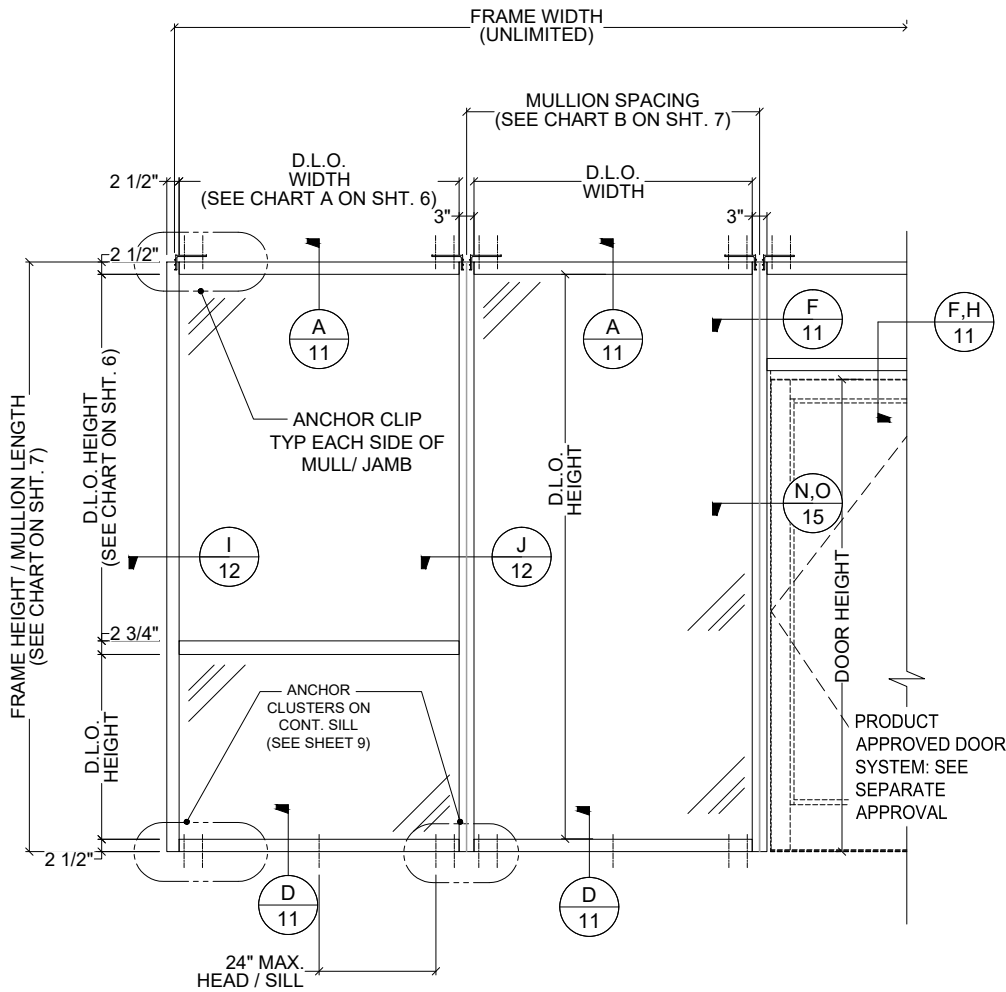
2 OF 21



TYPICAL ELEVATION

SILL 1 WITH ANCHOR TYPES A1/A2, A3/A4
AND ANGLE CLIPS AT BOTTOM (SEE DETAIL
C SHEET 10)

NOTE:
INDEFINITE NUMBER OF PANELS AT
INFINITE FENESTRATION LENGTH.



TYPICAL ELEVATION

SILL 2 WITH ANCHOR TYPES B1/B2, B3/B4
THROUGH SILL (SEE DETAIL D SHEET 10)

NOTE:
INDEFINITE NUMBER OF PANELS AT
INFINITE FENESTRATION LENGTH.

NOTE:
SEE SHEET 9 FOR ANCHOR TYPE
INFORMATION

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PRODUCT:

MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV. DATE / REMARKS

1	03-07-24
2	09-12-25
3	12-10-25

ENGINEER:

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FL PE #62354

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(COA#27194)
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ENGINEER:



PRODUCT CONTROL APPROVAL:

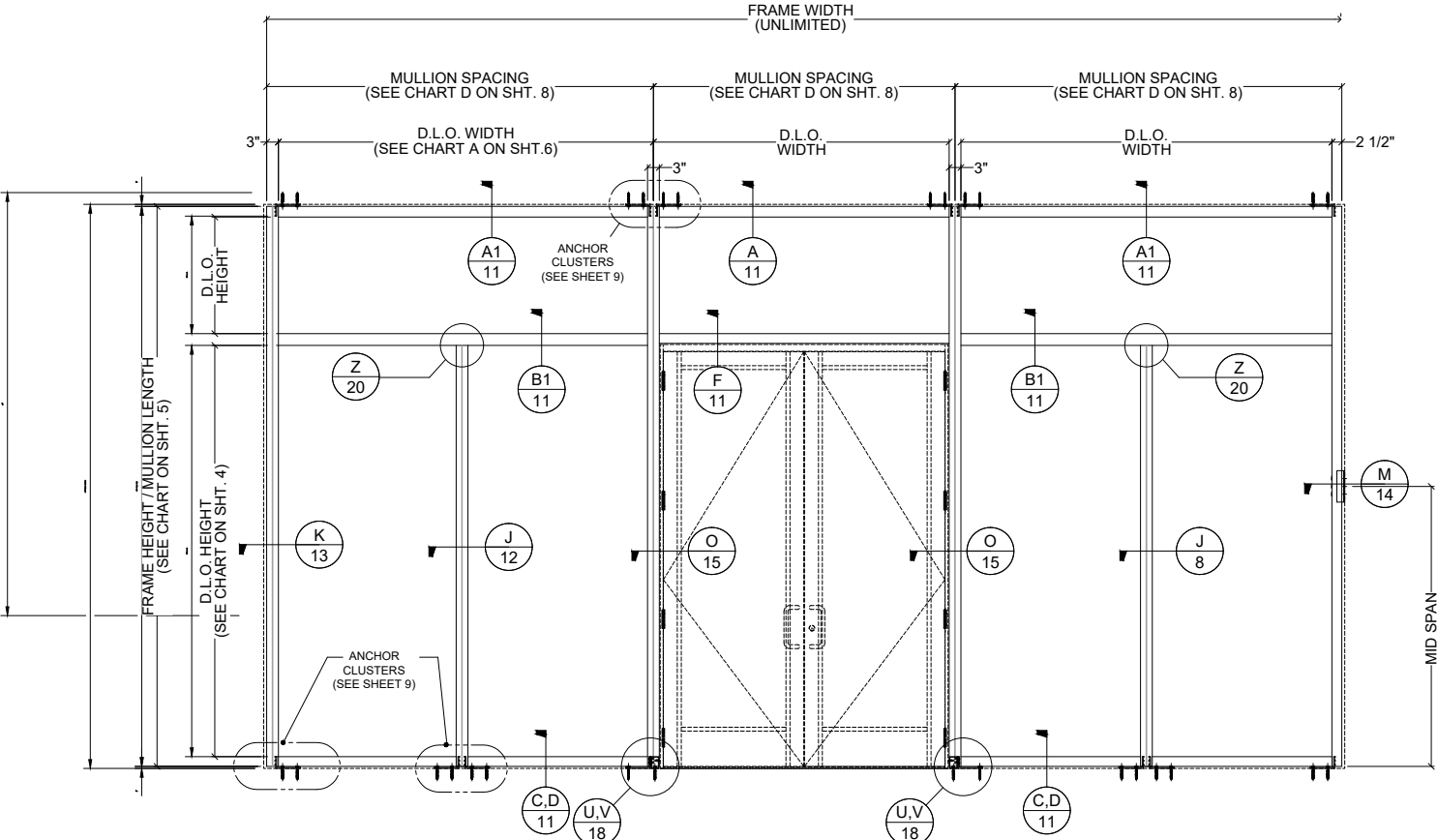
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DATE: 10-16-23

DWG: 2575-23

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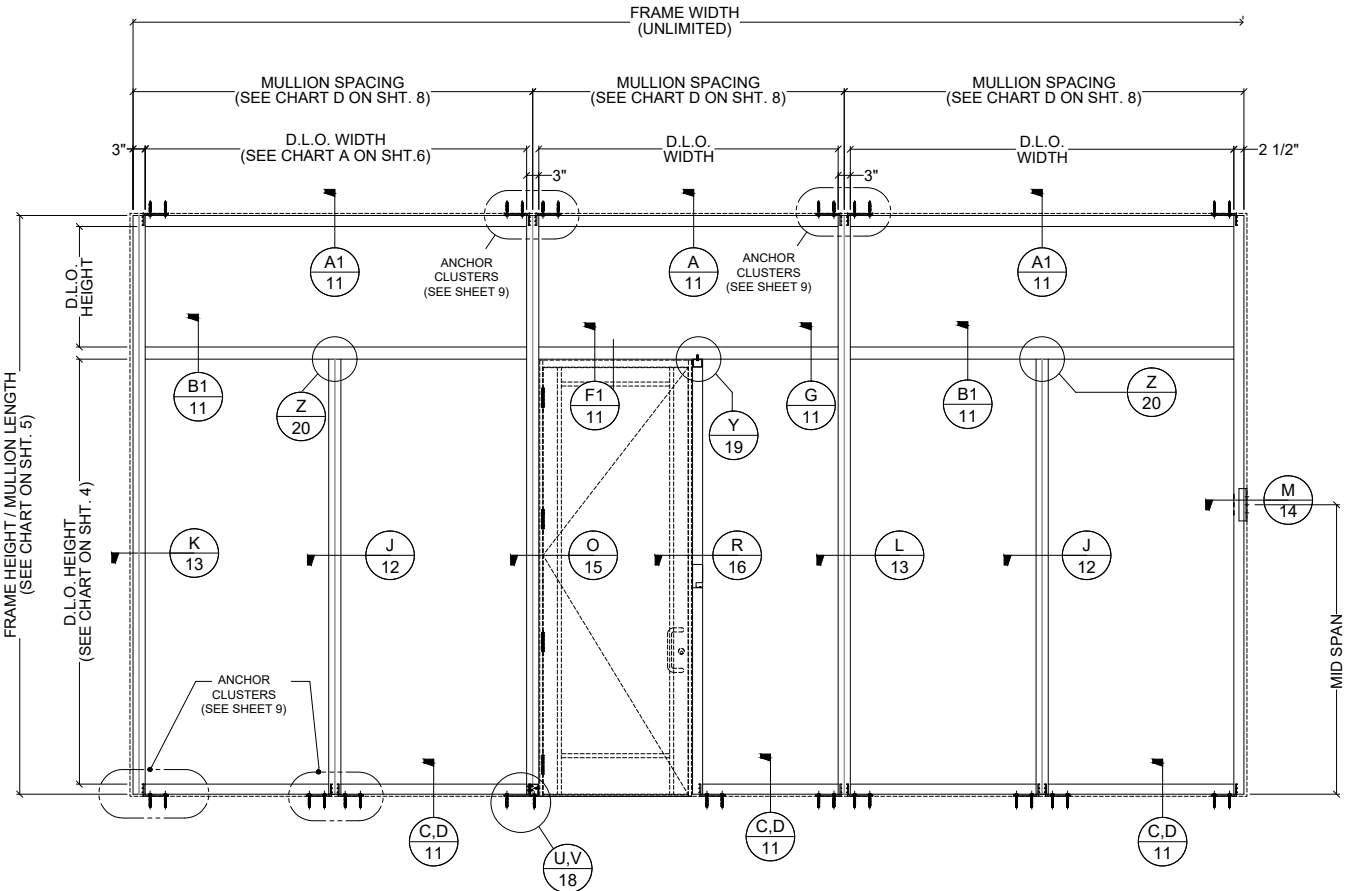
3 OF 21



**EXTERIOR ELEVATION
STOREFRONT ASSEMBLY WITH
DOORS AND TRANSOM**

ELEVATION NOTES:

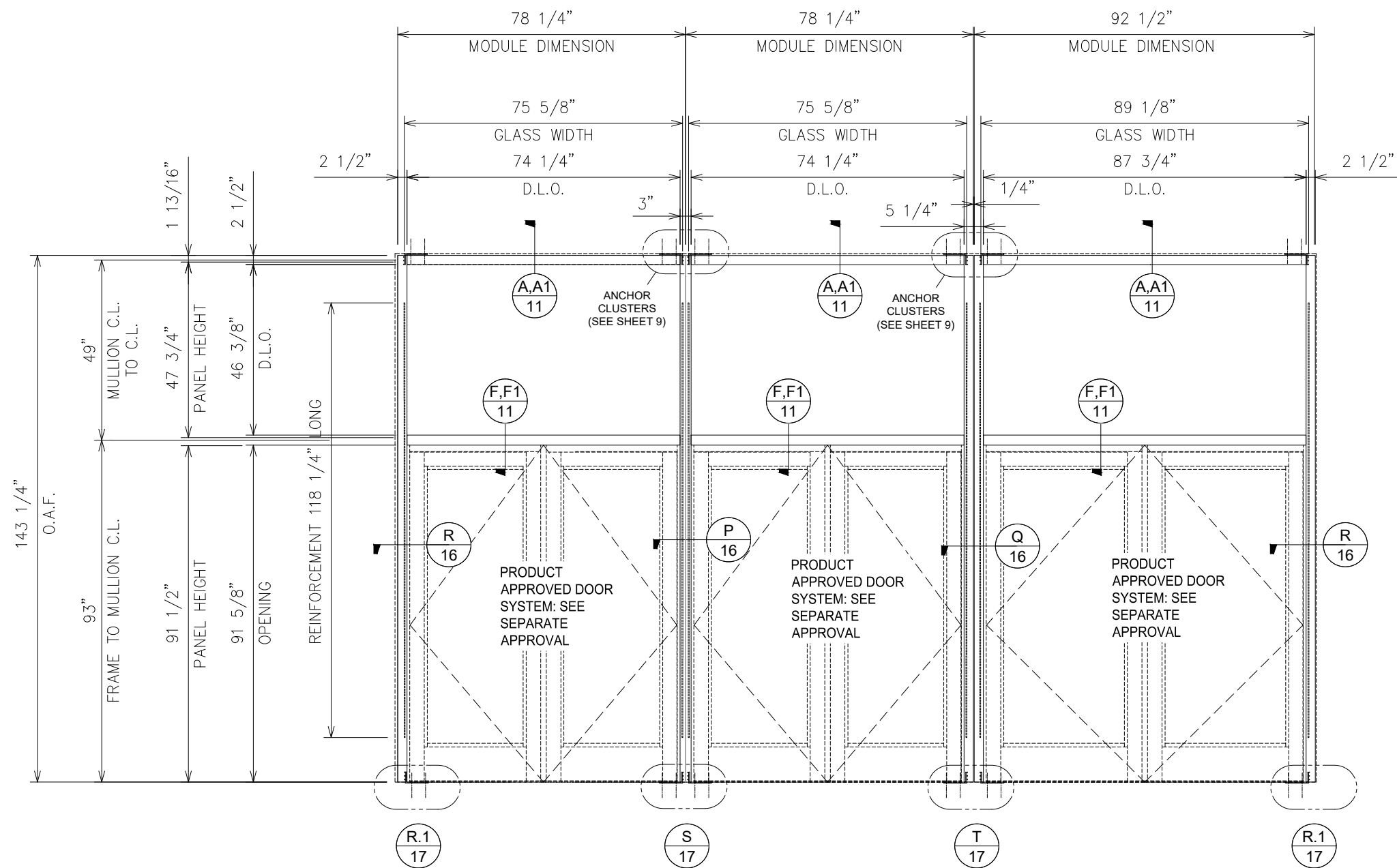
1. INDEFINITE NUMBER OF PANELS AT INFINITE FENESTRATION LENGTH.
2. IT CONTAINS HEAVY DUTY HORIZONTALS TYPES H2 AND H3 AS WELL AS THE CRIPPLE MULLION CONDITION (DETAIL ON SHEET 20).
3. IT CONTAINS THE MID-ANCHORED JAMB CONDITION (DETAIL ON SHEET 14).



**EXTERIOR ELEVATION
STOREFRONT ASSEMBLY WITH
DOORS AND TRANSOM**

ELEVATION NOTES:

1. INDEFINITE NUMBER OF PANELS AT INFINITE FENESTRATION LENGTH.
2. IT CONTAINS HEAVY DUTY HORIZONTALS TYPES H2, H3 AND H4 AS WELL AS THE CRIPPLE JAMB CONDITION (DETAIL ON SHEET 19).
3. IT CONTAINS THE MID-ANCHORED JAMB CONITION. (DETAIL ON SHEET 14).



EXTERIOR ELEVATION
STAND-ALONE DOORS WITH TRANSOM

NOTE:
SEE SHEET 10 FOR HEAD ANCHOR TYPE
AND SHEET 17 FOR SILL ANCHOR TYPE
INFORMATION.

STAND ALONE DOOR CONFIGURATION



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PRODUCT:

MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV.	DATE / REMARKS
1	03-07-24
2	09-12-25
3	12-10-25

ENGINEER:

SCOTT WOLTERS
FL PE #62354

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ENGII

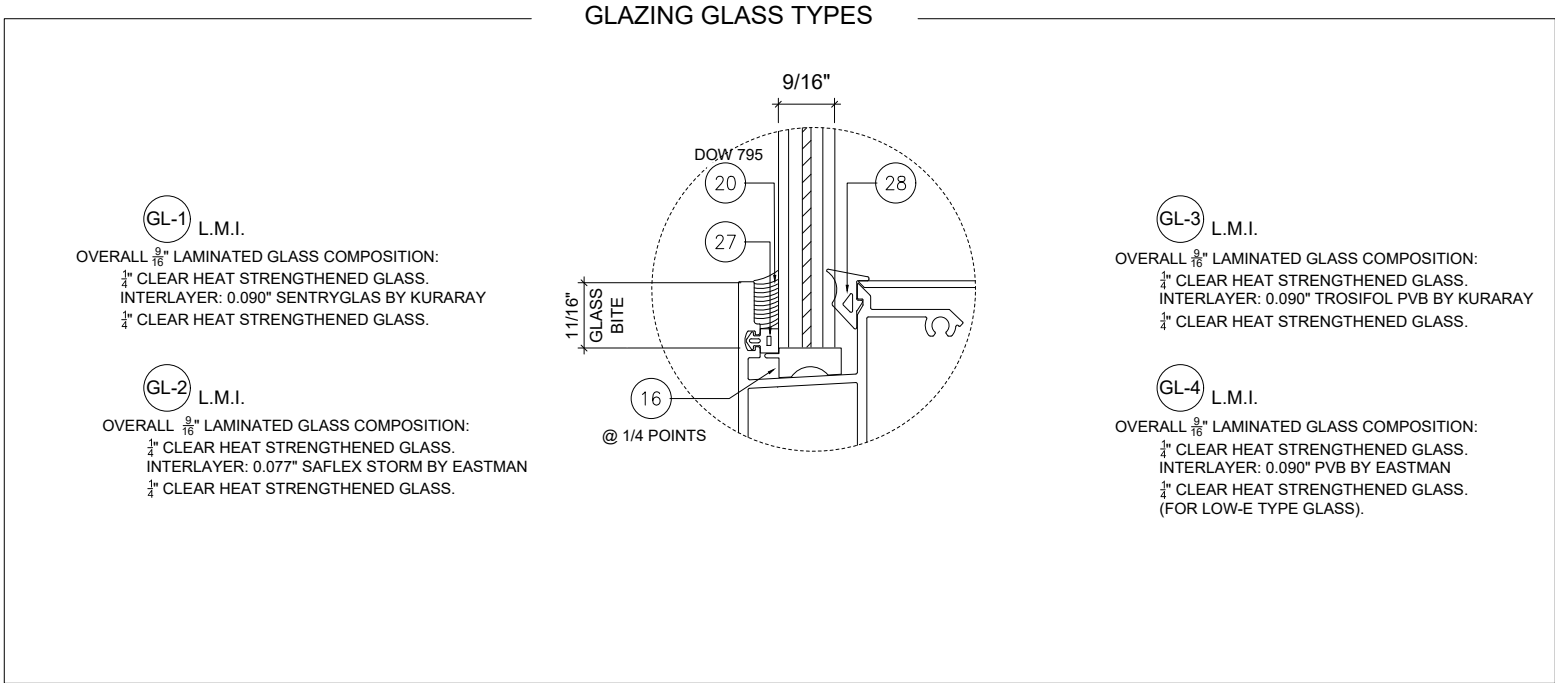


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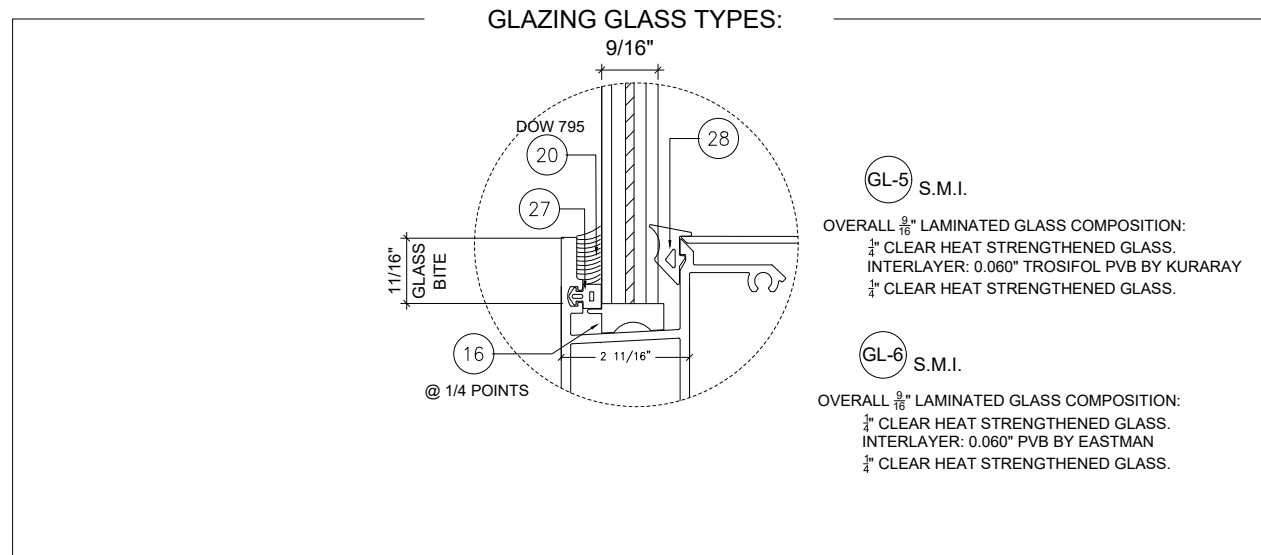
DRAWN: A.G..L	DRAWING No : 4 OF 21
DATE: 10-16-23	
DWG: 2575-22	

GLASS TYPES AND GLAZING DETAILS.

9/16" LAMINATED LARGE MISSILE IMPACT TEST



9/16" LAMINATED SMALL MISSILE IMPACT TEST



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PRODUCT:

MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

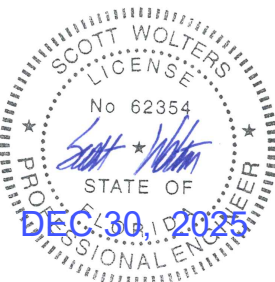
REV.	DATE / REMARKS
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2	09-12-25
3	12-10-25

ENGINEER:

SCOTT WOLTERS
FL PE #62354

WOLTERS ENGINEERING
(COA#27194)
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WEST PALM BEACH, FL 33412
(561) 225-1982

ENGINEER:



PRODUCT CONTROL APPROVAL:

DRAWN: A.G..L	DRAWING No :
DATE: 10-16-23	5 OF 21
DWG: 2575-23	

GLASS CHART "A", GLASS LOAD CAPACITY (PSF)				
	GL-1	GL-2	GL-3 & 4	GL-5 & 6

W (DLO)	H (DLO)	SGP 0.090	SAFLEX STORM 0.077	PVB. 090	PVB. 060 FOR SMI
------------	------------	-----------	--------------------------	----------	---------------------

48	60	+/- 95	+70/- 75	+/- 70	+/- 80
76		+/- 95	+70/- 75	+/- 70	+/- 80
80		+/- 95	+70/- 75	+/- 45	+/- 80
85		+/- 95	+70/- 75	+/- 45	+/- 80
90		+/- 95	+70/- 75	+/- 45	+/- 80
96		+/- 95	+70/- 75	-	+/- 80
103		+70/- 75	+70/- 75	-	+/- 70
108		+70/- 75	+70/- 75	-	-
120		+70/- 75	-	-	-
132		+70/- 75	-	-	-

36	70	+/- 95	+70/- 75	+/- 70	+/- 80
48		+/- 95	+70/- 75	+/- 70	+/- 80
66		+/- 95	+70/- 75	+/- 70	+/- 80
73		+/- 95	+70/- 75	+/- 45	+/- 80
77		+/- 95	+70/- 75	+/- 45	+/- 80
83		+/- 95	+70/- 75	-	+/- 70
88		+70/- 75	+70/- 75	-	+/- 70
92		+70/- 75	+70/- 75	-	-
98		+70/- 75	-	-	-
102		+70/- 75	-	-	-
112		+70/- 75	-	-	-

36	82	+/- 95	+70/- 75	+/- 70	+/- 80
42		+/- 95	+70/- 75	+/- 70	+/- 80
48		+/- 95	+70/- 75	+/- 70	+/- 80
56		+/- 95	+70/- 75	+/- 70	+/- 80
62		+/- 95	+70/- 75	+/- 45	+/- 80
66		+/- 95	+70/- 75	+/- 45	+/- 80
71		+/- 95	+70/- 75	-	+/- 80
75		+70/- 75	+70/- 75	-	+/- 70
79		+70/- 75	+70/- 75	-	-
82		+70/- 75	-	-	-
96		+70/- 75	-	-	-

36	94	+/- 95	+70/- 75	+/- 70	+/- 80
42		+/- 95	+70/- 75	+/- 70	+/- 80
49		+/- 95	+70/- 75	+/- 70	+/- 80
54		+/- 95	+70/- 75	+/- 45	+/- 80
57		+/- 95	+70/- 75	+/- 45	+/- 80
62		+/- 95	+70/- 75	-	+/- 80
66		+70/- 75	+70/- 75	-	+/- 70
68		+70/- 75	+70/- 75	-	-
72		+70/- 75	-	-	-
84		+70/- 75	-	-	-

36	108	+/- 95	+70/- 75	+/- 70	+/- 80
39		+/- 95	+70/- 75	+/- 70	+/- 80
43		+/- 95	+70/- 75	+/- 45	+/- 80
46		+/- 95	+70/- 75	+/- 45	+/- 80
52		+/- 95	+70/- 75	-	+/- 80
54		+/- 95	+70/- 75	-	+/- 70
58		+70/- 75	+70/- 75	-	+/- 70
60		+70/- 75	+70/- 75	-	-
72		+70/- 76	-	-	-

GLASS CHART "A", GLASS LOAD CAPACITY (PSF)				
	GL-1	GL-2	GL-3 & 4	GL-5 & 6

W (DLO)	H (DLO)	SGP 0.090	SAFLEX STORM 0.077	PVB. 090	PVB. 060 FOR SMI
24	118	+/- 95	+70/- 75	+/- 70	+/- 80
36		+/- 95	+70/- 75	+/- 70	+/- 80
39		+/- 95	+70/- 75	+/- 70	+/- 80
43		+/- 95	+70/- 75	+/- 45	+/- 80
46		+/- 95	+70/- 75	+/- 45	+/- 80
49		+/- 95	+70/- 75	-	+/- 80
52		+70/- 75	+70/- 75	-	+/- 70
54		+70/- 75	+70/- 75	-	-
60		+70/- 75	-	-	-
66		+70/- 75	-	-	-

24	132	+/- 95	+70/- 75	+/- 70	+/- 80
35		+/- 95	+70/- 75	+/- 70	+/- 80
38		+/- 95	+70/- 75	+/- 45	+/- 80
41		+/- 95	+70/- 75	+/- 45	+/- 80
44		+/- 95	+70/- 75	-	+/- 70
47		+70/- 75	+70/- 75	-	+/- 70
49		+70/- 75	+70/- 75	-	-
54		+70/- 75	-	-	-
60		+70/- 75	-	-	-

32	140	+/- 95	+70/- 75	+/- 70	+/- 80
36		+/- 95	+70/- 75	+/- 45	+/- 80
38		+/- 95	+70/- 75	+/- 45	+/- 80
41		+/- 95	+70/- 75	-	+/- 70
44		+70/- 75	+70/- 75	-	+/- 70
46		+70/- 75	+70/- 75	-	-
56		+70/- 75	-	-	-

24	144	+/- 95	+70/- 75	+/- 70	+/- 80
32		+/- 95	+70/- 75	+/- 70	+/- 80
35		+/- 95	+70/- 75	+/- 45	+/- 80
37		+/- 95	+70/- 75	+/- 45	+/- 80
40		+/- 95	+70/- 75	-	+/- 70
43		+70/- 75	+70/- 75	-	+/- 70
45		+70/- 75	+70/- 75	-	-
52		-	-	-	-
55		-	-	-	-

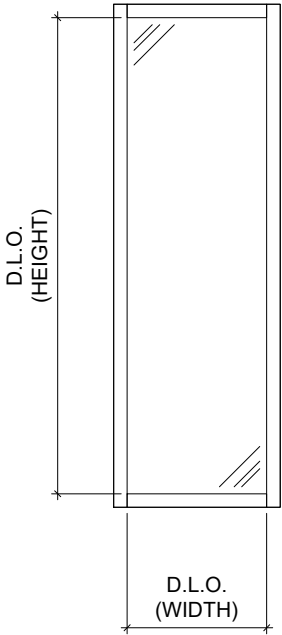
TESTED GLASS SIZE (REF. DLO)
GLASS TYPE
GL-1: 57 1/4" X 139" = 55.25 SQ. FT.
GL-2: 54" x 120" = 45 SQ. FT.
GL-3: 48" x 96" = 32 SQ. FT.
GL-4: 45" x 120 5/8" = 37.7 SQ. FT.
GL-5: 45" x 137 3/4" = 43 SQ. FT.
GL-6: 45" x 137 3/4" = 43 SQ. FT.

NOTES:

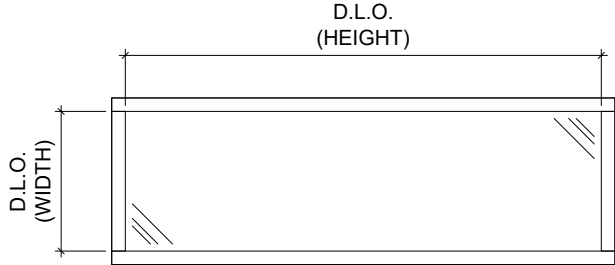
GLASS CAPACITIES ON THIS SHEET ARE BASED ON
PRODUCT TESTING AND MEET THE REQUIREMENTS OF
ASTM E1300-16 (3 SEC. GUSTS)

SEE SHEET #5 FOR GLASS TYPE DESCRIPTIONS AND
GLAZING DETAILS

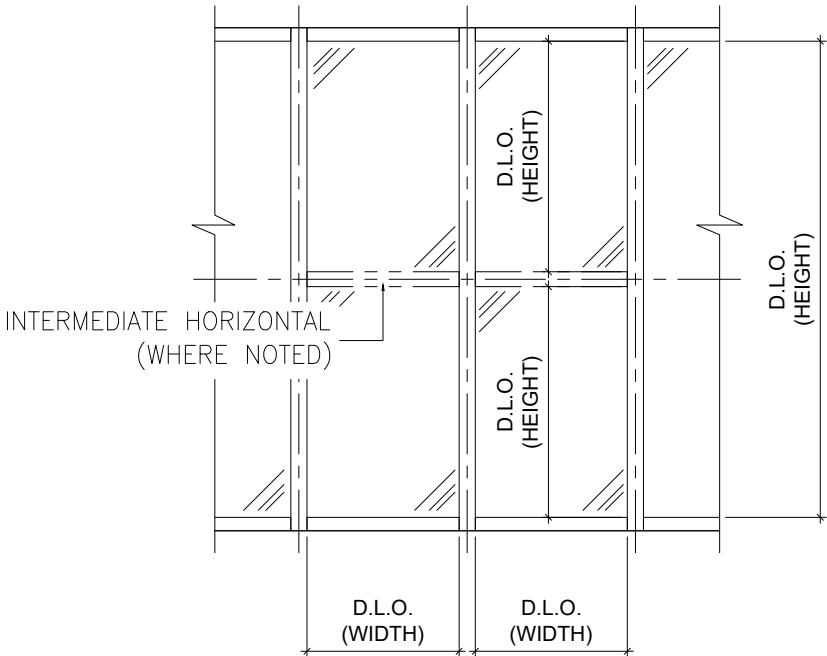
D.L.O. WIDTH x HEIGHT
LARGEST DIMENSION
NOTED AS THE HEIGHT.



ROTATED D.L.O. WIDTH x HEIGHT
LARGEST DIMENSION NOTED AS THE
HEIGHT, CORRESPONDS TO GLASS
LOAD CHART.



FRAMES CAN BE ORIENTED
HORIZONTALLY OR VERTICALLY



STEP 2 :

GLASS LOAD TABLE

SEE SHEET 5 FOR GLAZING TYPES.



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PRODUCT:

MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

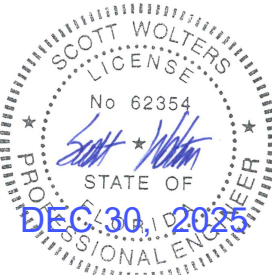
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ENGINEER:

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WEST PALM BEACH, FL 33412
(561) 225-1982

ENGINEER:



PRODUCT CONTROL APPROVAL:

DRAWN: A.G..L

DATE: 10-16-23

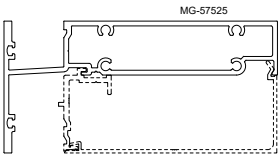
DWG: 2575-23

DRAWING No :

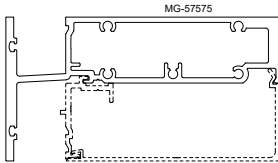
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HORIZONTAL

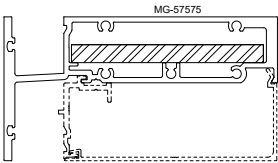
CHART D, HORIZONTAL MULLION CAPACITY						
		H1	H2	H3	H4+S3	H5+S2
HEIGHT	DLO	STD	HD	TRANSOM	HD+STEEL	HD+STEEL
80'	87-1/2"	70	70	92	92	92
48	100-1/2"	-	55	92	92	92
72"	100-1/2	-	55	92	92	92
71"	114"	-	55	-	-	92



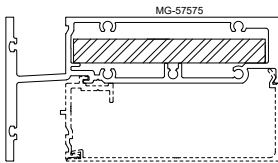
STD HORIZONTAL H1		
PART	lyin^4	Syin^3
57525	4.8	1.2



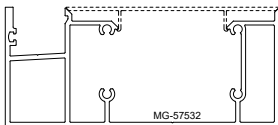
HD HORIZONTAL H2		
PART	lyin^4	Syin^3
57575	18.8	6.26



HORIZONTAL REINF H4		
PART	lyin^4	Syin^3
57575	18.8	3.07
SS (4"3/8)	5.8**	1.0



HORIZONTAL REINF H5		
PART	lyin^4	Syin^3
57575	18.8	3.07
SS (4"1/2)	7.743**	1.33

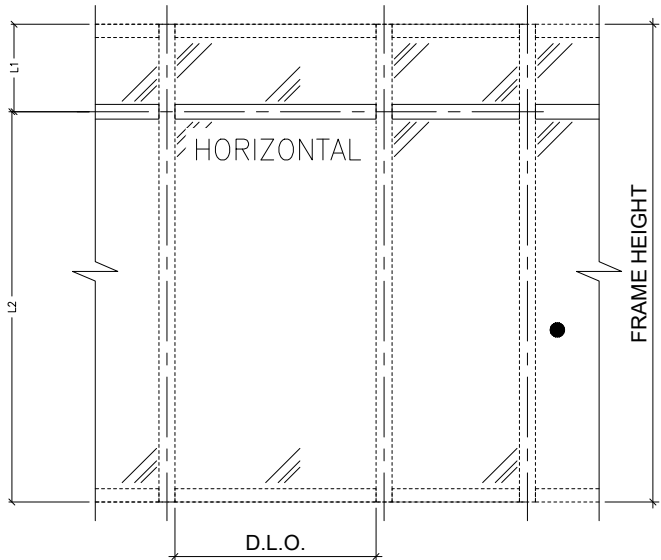


HORIZONTAL/SILL H3		
PART	lyin^4	Syin^3
575232	28.3	9.43

** STEEL Ix VALUES HAVE BEEN MULTIPLIED BY 2.9

STEP 3 :

HORIZONTAL MULLION LOAD CAPACITIES



HEIGHT (H) = $\frac{L1 + L2}{2}$

TYPICAL ANCHORS AT WINDOW WALL SYSTEM:

CHART "C" ANCHOR LOAD CAPACITY (PART 1)									
		MULLION JAMB ANCHOR TYPES			DOOR ANCHOR TYPES				
W	H	A1/A2	B1/B2	C1/C2	D1	D2	D3	D4	D5
36	84	95.0	95.0	92.0	95.0	95	95	95	95
48		95.0	95.0	92.0	95.0	95.0	95.0	95.0	95.0
60		95.0	95.0	92.0	86.9	95.0	95.0	95.0	95.0
72		95.0	95.0	77.1	72.4	95.0	95.0	95.0	95.0
84		92.0	92.0	66.1	62.0	92.0	92.0	92.0	92.0
97		87.0	87.0	57.3	53.7	92.0	84.8	92.0	92.0
102		82.7	82.7	54.5	51.1	92.0	80.7	88.7	92.0
108		78.1	78.1	51.4	48.3	92.0	76.2	83.8	92.0
117		72.1	72.1	47.5	44.5	85.0	70.3	77.4	92.0

66	96	95.0	95.0	73.6	69.1	95.0	95.0	95.0	95.0
72		93.7	93.7	67.5	63.3	93.7	93.7	93.7	93.7
78		92.0	92.0	62.3	58.5	92.0	92.0	92.0	92.0
85		86.8	86.8	57.2	53.6	92.0	84.7	92.0	92.0
90		82.0	82.0	54.0	50.7	92.0	80.0	88.0	92.0
96		76.9	76.9	50.6	47.5	90.6	75.0	82.5	92.0
102		72.4	72.4	47.6	44.7	85.3	70.6	77.6	92.0
108		68.3	68.3	45.0	42.2	80.6	66.7	73.3	92.0
114 1/2		64.5	64.5	42.4	39.8	76.0	62.9	69.2	92.0
117		63.1	63.1	41.5	39.0	74.4	61.5	67.7	92.0

52	108	95.0	95.0	83.1	77.9	95.0	95.0	95.0	95.0
55		95.0	95.0	78.5	73.7	95.0	95.0	95.0	95.0
59		95.0	95.0	73.2	68.7	95.0	95.0	95.0	95.0
63		95.0	95.0	68.6	64.3	95.0	95.0	95.0	95.0
72		91.1	91.1	60.0	56.3	92.0	88.9	92.0	92.0
76		86.3	86.3	56.8	53.3	92.0	84.2	92.0	92.0
80		82.0	82.0	54.0	50.7	92.0	80.0	88.0	92.0
96		68.3	68.3	45.0	42.2	80.6	66.7	73.3	92.0
102	120	64.3	64.3	42.4	39.7	75.8	62.7	69.0	92.0
111		59.1	59.1	38.9	36.5	69.7	57.7	63.4	92.0
117		56.1	56.1	36.9	34.6	66.1	54.7	60.2	91.2

45	120	95.0	95.0	86.4	81.1	95.0	95.0	92.0	95.0
48		95.0	95.0	81.0	76.0	95.0	95.0	92.0	95.0
52		95.0	95.0	74.8	70.2	95.0	95.0	92.0	95.0
57		92.0	92.0	68.2	64.0	92.0	92.0	92.0	92.0
60		92.0	92.0	64.8	60.8	92.0	92.0	92.0	92.0
68		86.8	86.8	57.2	53.6	92.0	84.7	92.0	92.0
72		82.0	82.0	54.0	50.7	92.0	80.0	88.0	92.0
78		75.7	75.7	49.8	46.8	89.2	73.8	81.2	92.0
84	132	70.3	70.3	46.3	43.4	82.9	68.6	75.4	92.0
92		64.2	64.2	42.3	39.7	75.7	62.6	68.9	92.0
111		53.2	53.2	35.0	32.9	62.7	51.9	57.1	86.5
117		50.5	50.5	33.2	31.2	59.5	49.2	54.2	82.1

45	132	92.0	92.0	78.5	73.7	92.0	92.0	92.0	92.0
48		92.0	92.0	73.6	69.1	92.0	92.0	92.0	92.0
51		92.0	92.0	69.3	65.0	92.0	92.0	92.0	92.0
54		92.0	92.0	65.5	61.4	92.0	92.0	92.0	92.0
62		86.6	86.6	57.0	53.5	92.0	84.5	92.0	92.0
65		82.6	82.6	54.4	51.0	92.0	80.6	88.6	92.0
72		74.5	74.5	49.1	46.1	87.9	72.7	80.0	92.0
78		68.8	68.8	45.3	42.5	81.1	67.1	73.8	92.0
83	144	64.7	64.7	42.6	40.0	76.2	63.1	69.4	92.0
114		47.1	47.1	31.0	29.1	55.5	45.9	50.5	76.6
117		45.9	45.9	30.2	28.3	54.1	44.8	49.2	74.6

42	144	92.0	92.0	77.1	72.4	92.0	92.0	92.0	92.0
48		92.0	92.0	67.5	63.3	92.0	92.0	92.0	92.0
54		91.1	91.1	60.0	56.3	92.0	88.9	92.0	92.0
57		86.3	86.3	56.8	53.3	92.0	84.2	92.0	92.0
60		82.0	82.0	54.0	50.7	92.0	80.0	88.0	92.0
66		74.5	74.5	49.1	46.1	87.9	72.7	80.0	92.0
72		68.3	68.3	45.0	42.2	80.6	66.7	73.3	92.0
76 1/2		64.3	64.3	42.4	39.7	75.8	62.7	69.0	92.0
82	144	60.0	60.0	39.5	37.1	70.7	58.5	64.4	92.0
88		55.9	55.9	36.8	34.5	65.9	54.5	60.0	90.9
92		53.5	53.5	35.2	33.0	63.0	52.2	57.4	87.0
98		50.2	50.2	33.1	31.0	59.2	49.0	53.9	81.6
102		48.2	48.2	31.8	29.8	56.9	47.1	51.8	78.4
104 1/2		47.1	47.1	31.0	29.1	55.5	45.9	50.5	76.6
108		45.6	45.6	30.0	28.1	53.7	44.4	48.9	74.1
110 1/4		44.6	44.6	29.4	27.6	52.6	43.5	47.9	72.6
117		42.1	42.1	27.7	26.0	49.6	41.0	45.1	68.4

STEP 4 :

ANCHOR LOAD TYPE & CAPACITY



MILLER GLASS & GLAZING
100 PARK CENTRAL BLVD. SOUTH
POMPAÑO BEACH, FL 33064
TEL: (954)-784-6601
FAX: (954)-784-6671

PRODUCT:

MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV. DATE / REMARKS

1 03-07-24

2 09-12-25

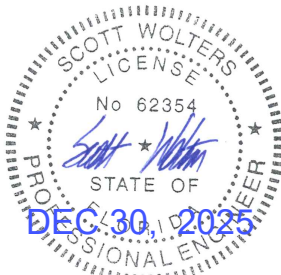
3 12-10-25

ENGINEER:

SCOTT WOLTERS
FL PE #62354

WOLTERS ENGINEERING
(COA#27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

ENGINEER:



PRODUCT CONTROL APPROVAL:

DRAWN: A.G..L

DATE: 10-16-23

DWG: 2575-23

DRAWING No :

8 OF 21

TYPICAL ANCHORS AT WINDOW WALL SYSTEM:

CHART "C" ANCHOR LOAD CAPACITY (PART 2)									
		MULLION/JAMB ANCHOR TYPES			DOOR ANCHOR TYPES				
W	H	A1/A2	B1/B2	C1/C2	D1	D2	D3	D4	D5
42	150	92.0	92.0	74.1	69.5	92.0	92.0	92.0	92.0
48		92.0	92.0	64.8	60.8	92.0	92.0	92.0	92.0
54		87.5	87.5	57.6	54.0	92.0	85.3	92.0	92.0
57 1/2		82.1	82.1	54.1	50.8	92.0	80.1	88.2	92.0
66		71.6	71.6	47.1	44.2	84.4	69.8	76.8	92.0
73.5		64.3	64.3	42.3	39.7	75.8	62.7	69.0	92.0
84		56.2	56.2	37.0	34.7	66.3	54.9	60.3	91.4
96		49.2	49.2	32.4	30.4	58.0	48.0	52.8	80.0
100		47.2	47.2	31.1	29.2	55.7	46.1	50.7	76.8
105 1/2		44.8	44.8	29.5	27.7	52.8	43.7	48.0	72.8
112		42.2	42.2	27.8	26.1	49.7	41.1	45.3	68.6

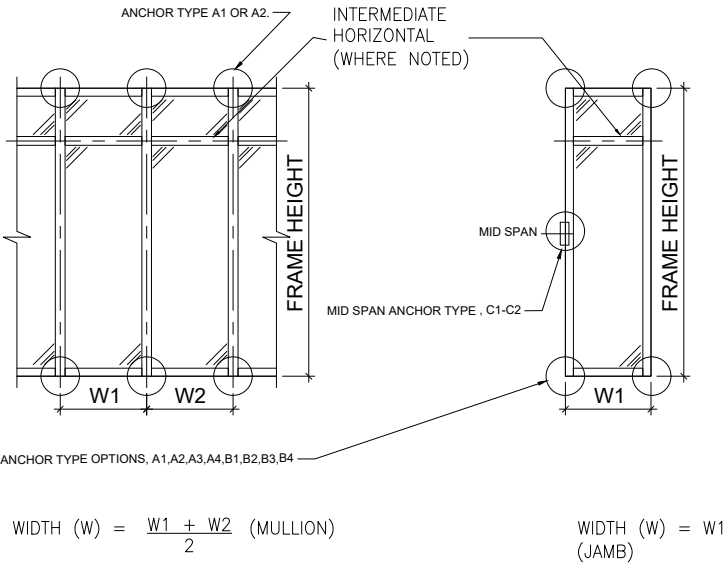
42	156	92.0	92.0	71.2	66.8	92.0	92.0	92.0	92.0
48		92.0	92.0	62.3	58.5	92.0	92.0	92.0	92.0
52		87.3	87.3	57.5	54.0	92.0	85.2	92.0	92.0
55		82.6	82.6	54.4	51.0	92.0	80.6	88.6	92.0
66		68.8	68.8	45.3	42.5	81.1	67.1	73.8	92.0
71		64.0	64.0	42.1	39.5	75.4	62.4	68.6	92.0
84		54.1	54.1	35.6	33.4	63.7	52.7	58.0	87.9
96		47.3	47.3	31.2	29.2	55.8	46.2	50.8	76.9
101 1/2		44.7	44.7	29.5	27.6	52.7	43.7	48.0	72.8
108		42.1	42.1	27.7	26.0	49.6	41.0	45.1	68.4

42	160.75	92.0	92.0	69.1	64.8	92.0	92.0	92.0	92.0
45		92.0	92.0	64.5	60.5	92.0	92.0	92.0	92.0
48		91.8	91.8	60.5	56.7	92.0	89.6	92.0	92.0
51		86.4	86.4	56.9	53.4	92.0	84.3	92.0	92.0
53 1/2		82.4	82.4	54.3	50.9	92.0	80.4	88.4	92.0
60		73.5	73.5	48.4	45.4	86.6	71.7	78.8	92.0
68		64.8	64.8	42.7	40.0	76.4	63.2	69.6	92.0
84		52.5	52.5	34.6	32.4	61.9	51.2	56.3	85.3
90		49.0	49.0	32.2	30.3	57.7	47.8	52.6	79.6
93 1/2		47.1	47.1	31.0	29.1	55.6	46.0	50.6	76.6
98 1/2		44.7	44.7	29.5	27.6	52.7	43.7	48.0	72.8
104 1/2		42.2	42.2	27.8	26.1	49.7	41.1	45.3	68.6

42	168	92.0	92.0	66.1	62.0	92.0	92.0	92.0	92.0
45		92.0	92.0	61.7	57.9	92.0	91.4	92.0	92.0
49		86.1	86.1	56.7	53.2	92.0	84.0	92.0	92.0
51		82.7	82.7	54.5	51.1	92.0	80.7	88.7	92.0
58		72.7	72.7	47.9	44.9	85.7	70.9	78.0	92.0
65 1/2		64.4	64.4	42.4	39.8	75.9	62.8	69.1	92.0
72		58.6	58.6	38.6	36.2	69.0	57.1	62.9	88.7
84		92.0	92.0	33.1	31.0	92.0	49.0	53.9	76.0
89 1/2		47.1	47.1	31.0	29.1	92.0	46.0	50.6	71.4
94 1/2		44.6	44.6	29.4	27.6	92.0	43.5	47.9	67.6
100		42.2	42.2	27.8	26.1	92.0	41.1	45.3	63.8

42	180	93.0	92.0	61.7	57.9	92.0	91.4	92.0	92.0
45		87.5	87.5	57.6	54.0	92.0	85.3	92.0	92.0
48		82.0	82.0	54.0	50.7	92.0	80.0	88.0	92.0
54		72.9	72.9	48.0	45.0	85.9	71.1	78.2	92.0
61 1/2		64.0	64.0	42.1	39.5	75.4	62.4	68.7	84.4
72		54.7	54.7	36.0	33.8	64.4	53.3	58.7	72.1
83 1/2		47.1	47.1	31.0	29.1	55.6	46.0	50.6	62.2
88		44.7	44.7	29.5	27.6	52.7	43.6	48.0	59.0
92 1/2		42.6	42.6	28.0	26.3	50.2	41.5	45.7	56.0

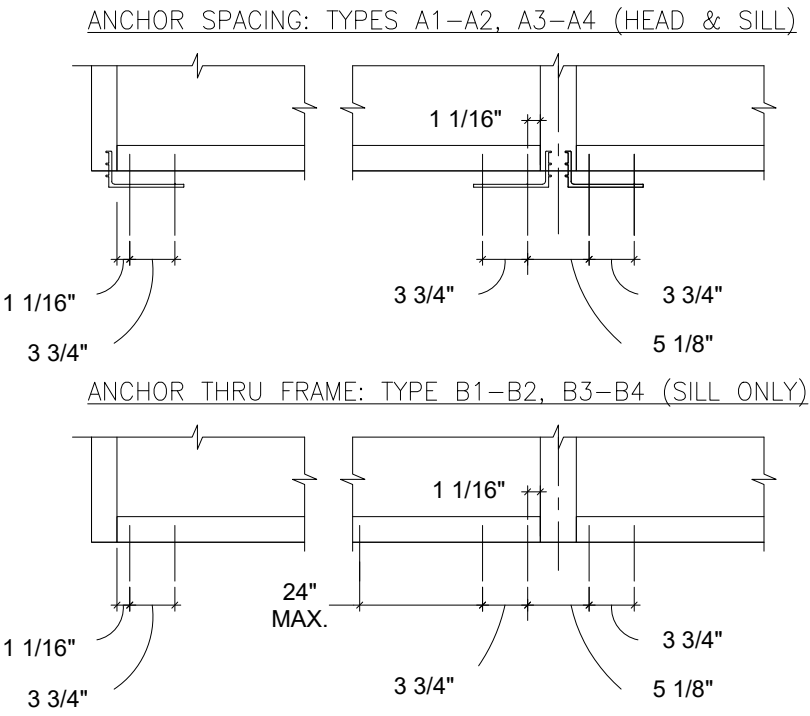
42	192	87.9	87.9	57.9	54.3	92.0	85.7	92.0	92.0
45		82.0	82.0	54.0	50.7	92.0	80.0	88.0	92.0
48		76.9	76.9	50.6	47.5	89.1	75.0	82.5	89.1
51		72.4	72.4	47.6	44.7	83.9	70.6	77.6	83.9
57 1/2		64.2	64.2	42.3	39.7	74.4	62.6	68.9	74.4
66		55.9	55.9	36.8	34.5	64.8	54.5	60.0	64.8
72		51.3	51.3	33.8	31.7	59.4	50.0	55.0	59.4
78		47.3	47.3	31.2	29.2	54.8	46.2	50.8	54.8
82 1/2		44.7	44.7	29.5	27.6	51.8	43.6	48.0	51.8
87 1/2		42.2	42.2	27.8	26.1	51.8	41.1	45.3	68.6



- TYPE A1: ANCHOR CLIP (PART MG-57513) INTO CONCRETE (f'_c = 4000 PSI MIN.)
w/3/8" DEWALT SCREW-BOLT (2 BOLTS PER CLIP)
SPACED AT 3-3/4" C.C.
EMBEDMENT: 3 1/4" MIN.
EDGE DISTANCE: 3" MIN.
- TYPE A2: ANCHOR CLIP (PART MG-57513) INTO METAL STRUCTURES:
w/3/8" ELCO HWH GRADE 5 e-FORM FIVE LOBE THREAD FORMING SCREWS (2 SCREWS PER CLIP)
SPACED AT 3-3/4" C.C.
STEEL: 1/8" THK. MIN.
(DISSIMILAR METALS IN CONTACT TO BE PAINTED OR PLATED.)
EDGE DISTANCE: 3/4" MIN.
- TYPE B1: ANCHOR THRU FRAME INTO CONCRETE (f'_c = 4000 PSI MIN.) USE ONLY @ SILL.
USE SAME BOLT AS TYPE A1 BUT SEE LAYOUT ABOVE FOR SPACING.
- TYPE B2: ANCHOR THRU FRAME INTO METAL STRUCTURES, USE ONLY @ SILL.
USE SAME SCREW AS TYPE A2 BUT SEE LAYOUT ABOVE FOR SPACING.
- TYPE C1: MID SPAN JAMB ATTACHED TO CONCRETE (f'_c = 4000 PSI MIN.)
3/8" DEWALT SCREW-BOLT
CLUSTERS OF (3) IN THE MIDDLE OF THE JAMB, 3 3/4" O.C.
3" MIN EDGE DISTANCE
- TYPE C2: MID SPAN JAMB ATTACHED TO METAL STRUCTURES, USE 3/8" ELCO HWH GRADE 5 e-FORM FIVE LOBE THREAD FORMING SCREWS
CLUSTER OF (3) IN THE MIDDLE OF THE JAMB, 2" O.C.
METAL THICKNESS 1/4" MINIMUM.

ANCHOR TYPES A3, A4, B3, B4, E1 AND E2 ARE APPROVED FOR ALL MULLION SIZE AND PRESSURE CONFIGURATIONS LISTED IN THE MULLION CHART ON SHEET 7.

ALTERNATE ANCHOR TYPES, OR OTHER EDGE DISTANCE OR SPACING REQUIREMENTS, REQUIRE PROJECT SPECIFIC ENGINEERING BY A FLORIDA LICENCED P.E.



- TYPE A3: ANCHOR CLIP (PART MG-57513) INTO CONCRETE (f'_c = 4000 PSI MIN.)
w/1/2" DEWALT SCREW-BOLT (2 BOLTS PER CLIP)
SPACED AT 3-3/4" C.C.
EMBEDMENT: 3" MIN.
EDGE DISTANCE: 4-1/2" MIN.
- TYPE A4: ANCHOR CLIP (PART MG-57513) INTO METAL STRUCTURES:
w/3/8" ELCO HWH GRADE 5 e-FORM FIVE LOBE THREAD FORMING SCREWS (2 SCREWS PER CLIP)
SPACED AT 3-3/4" C.C.
STEEL: 1/4" THK. MIN.
(DISSIMILAR METALS IN CONTACT TO BE PAINTED OR PLATED.)
EDGE DISTANCE: 3/4" MIN.
- TYPE B3: ANCHOR THRU FRAME INTO CONCRETE (f'_c = 4000 PSI MIN.) USE ONLY @ SILL.
USE SAME BOLT AS TYPE A3 BUT SEE LAYOUT ABOVE FOR SPACING.
- TYPE B4: ANCHOR THRU FRAME INTO METAL STRUCTURES, USE ONLY @ SILL.
1/2" DEWALT TAP-FLEX, SEE LAYOUT ABOVE FOR SPACING.
- TYPE E1: MID-SPAN JAMB ATTACHED TO CONCRETE (f'_c = 4000 PSI MIN.)
1/2" DEWALT SCREW-BOLT
CLUSTERS OF (3) IN THE MIDDLE OF THE JAMB, 3-3/4" O.C.
4-1/2" MIN EDGE DISTANCE.
- TYPE E2: MID-SPAN JAMB ATTACHED TO METAL STRUCTURES, USE 3/8" ELCO HWH GRADE 5 e-FORM FIVE LOBE THREAD FORMING SCREWS
CLUSTER OF (3) IN THE MIDDLE OF THE JAMB, 2" O.C. METAL THICKNESS 1/4" MINIMUM.

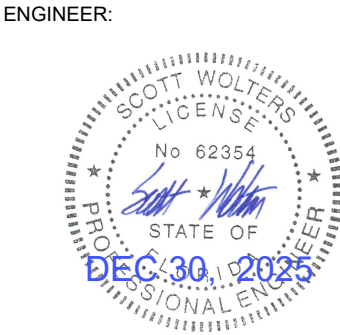


MILLER GLASS & GLAZING
100 PARK CENTRAL BLVD. SOUTH
POMPANO BEACH, FL 33064
TEL: (954)-784-6601
FAX: (954)-784-6671

PRODUCT:
MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM
PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV.	DATE / REMARKS
1	03-07-24
2	09-12-25
3	12-10-25

ENGINEER:
SCOTT WOLTERS
FL PE #62354
WOLTERS ENGINEERING
(COA#27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982



PRODUCT CONTROL APPROVAL:

MILLER GLASS & GLAZING
100 PARK CENTRAL BLVD. SOUTH
POMPAO BEACH, FL 33064
TEL: (954)-784-6601
FAX: (954)-784-6671

PRODUCT:

MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV. DATE / REMARKS

1	03-07-24
2	09-12-25
3	12-10-25

ENGINEER:

SCOTT WOLTERS
FL PE #62354

WOLTERS ENGINEERING
(COA#27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

ENGINEER:

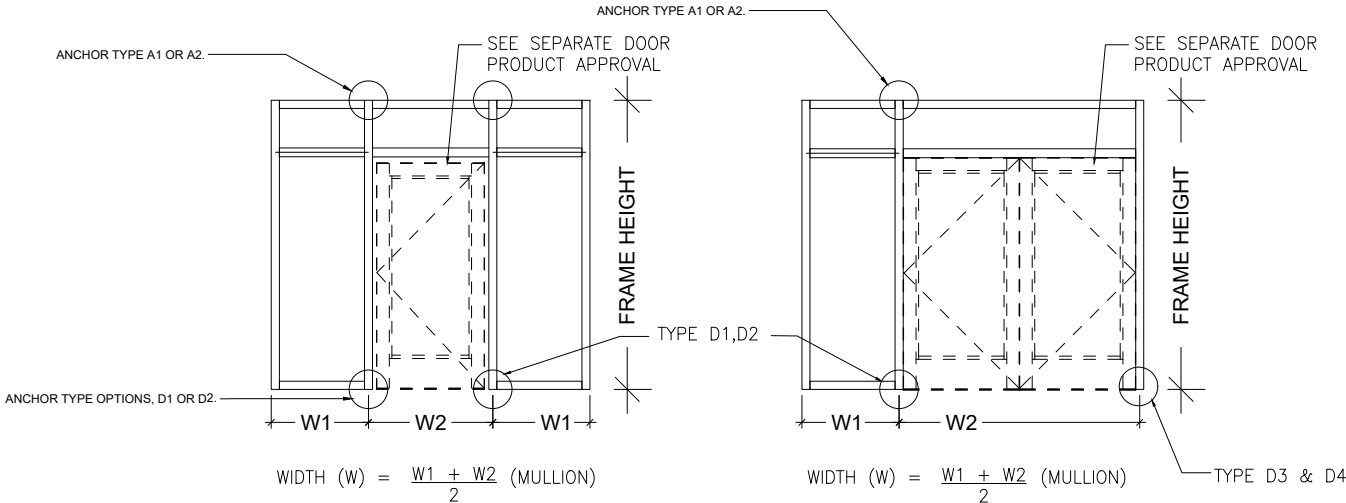


PRODUCT CONTROL APPROVAL:

DRAWN: A.G..L
DATE: 10-16-23
DWG: 2575-23

DRAWING No :
10 OF 21

SEE CHART "C" ON SHEET 9 FOR
ANCHOR CAPACITY OF THE DOOR
ANCHORS SHOWN HEREIN



TYPICAL ANCHORS AT WINDOW WALL SYSTEM (@ DOOR):

(* SEE BELOW FOR SPACING)

TYPE D1: SPECIAL ANCHOR CLIP ASSEMBLY (PART MG-57513 + TUBE) INTO CONCRETE ($f'_c = 4000$ PSI MIN.)
w/3/8" DEWALT SCREW-BOLT (2 BOLTS PER CLIP)
SPACED AT 3-3/4" C.C.
EMBEDMENT: 3 1/4" MIN.
EDGE DISTANCE: 3" MIN.

TYPE D2: SPECIAL ANCHOR CLIP ASSEMBLY (PART MG-57513 + TUBE) INTO CONCRETE ($f'_c = 4000$ PSI MIN.)
w/1/2" DEWALT SCREW-BOLT (2 BOLTS PER CLIP)
SPACED AT 6-3/4" C.C.
EMBEDMENT: 3" MIN.
EDGE DISTANCE: 4" MIN.

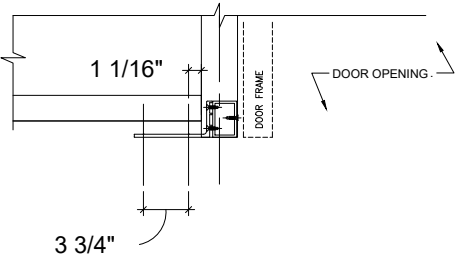
TYPE D3: CONCRETE ($f'_c = 4000$ PSI MIN.)
(2) 3/8" DEWALT SCREW-BOLT
4" FROM BOTTOM
EMBEDMENT: 3" MIN.
EDGE DISTANCE: 4" MIN.

TYPE D4: CONCRETE ($f'_c = 4000$ PSI MIN.)
(3) 3/8" DEWALT SCREW-BOLT
4" FROM BOTTOM
EMBEDMENT: 3" MIN.
EDGE DISTANCE: 3-1/2" MIN.

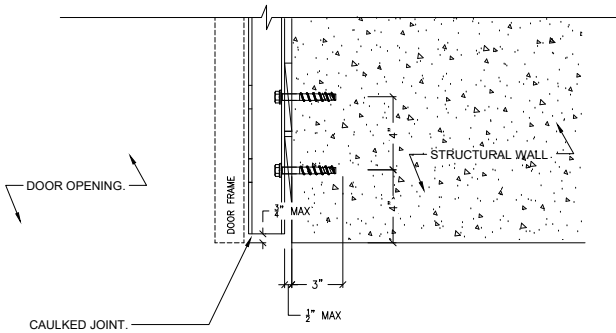
TYPE D5: SPECIAL ANCHOR CLIP ASSEMBLY (PART MG-57513 + TUBE) INTO CONCRETE ($f'_c = 4000$ PSI MIN.)
w/5/8" DEWALT SCREW-BOLT (2 BOLTS PER CLIP)
SPACED AT 6-3/4" C.C.
EMBEDMENT: 4" MIN.
EDGE DISTANCE: 5-1/2" MIN.

ALTERNATE ANCHOR TYPES, OR OTHER EDGE
DISTANCE OR SPACING REQUIREMENTS,
REQUIRE PROJECT SPECIFIC ENGINEERING BY
A FLORIDA LICENCED P.E.

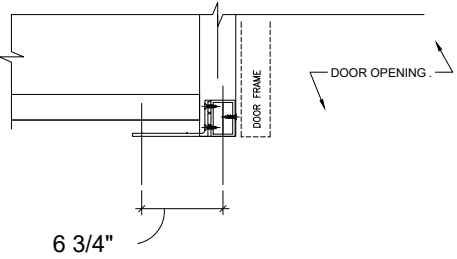
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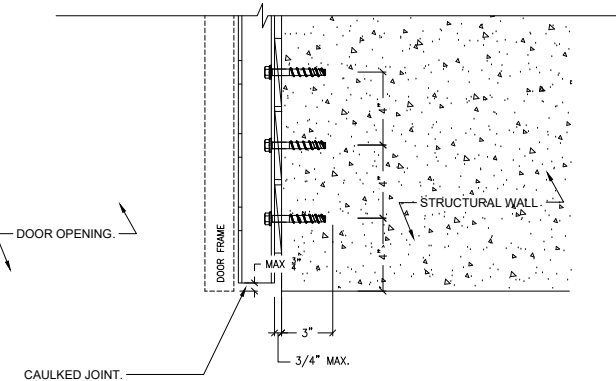
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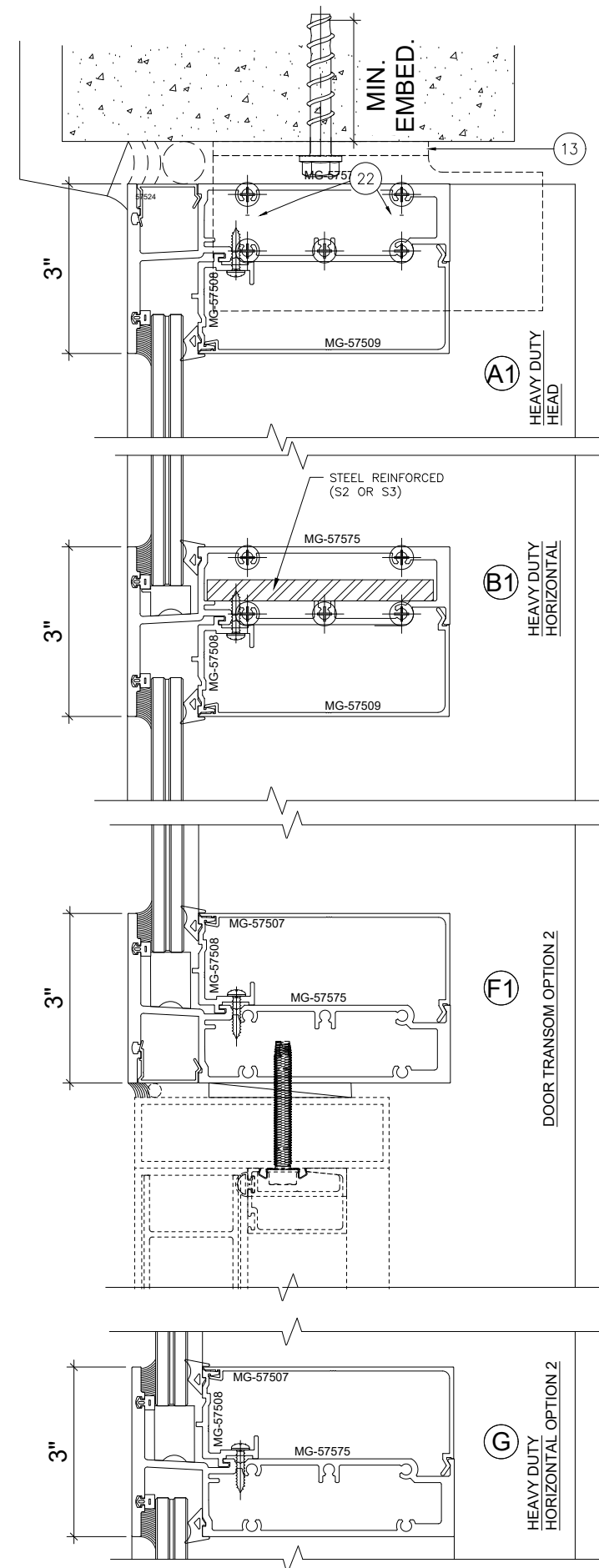


ANCHOR SPACING: TYPE D2 AND D5 (SILL ONLY)



ANCHOR: TYPE D4 (JAMB)





MILLER GLASS & GLAZING
100 PARK CENTRAL BLVD. SOUTH
POMPANO BEACH, FL 33064
TEL: (954)-784-6601
FAX: (954)-784-6671

PRODUCT:

MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

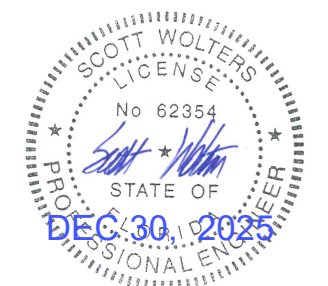
REV.	DATE / REMARKS
1	03-07-24
2	09-12-25
3	12-10-25

ENGINEER:

SCOTT WOLTERS
FL PE #62354

WOLTERS ENGINEERING
(COA#27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

ENGINEER:



PRODUCT CONTROL APPROVAL:	
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DRAWN: A.G.L	
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DATE: 10-16-23

DWG: 2575-23

DRAWING No :

11 OF 21



MILLER GLASS & GLAZING
100 PARK CENTRAL BLVD. SOUTH
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LAMINATED WINDOW WALL
STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV. DATE / REMARKS

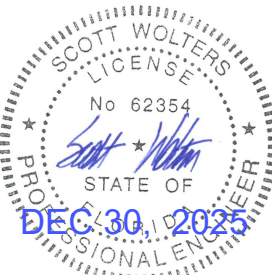
1	03-07-24
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(561) 225-1982

ENGINEER:



PRODUCT CONTROL APPROVAL:

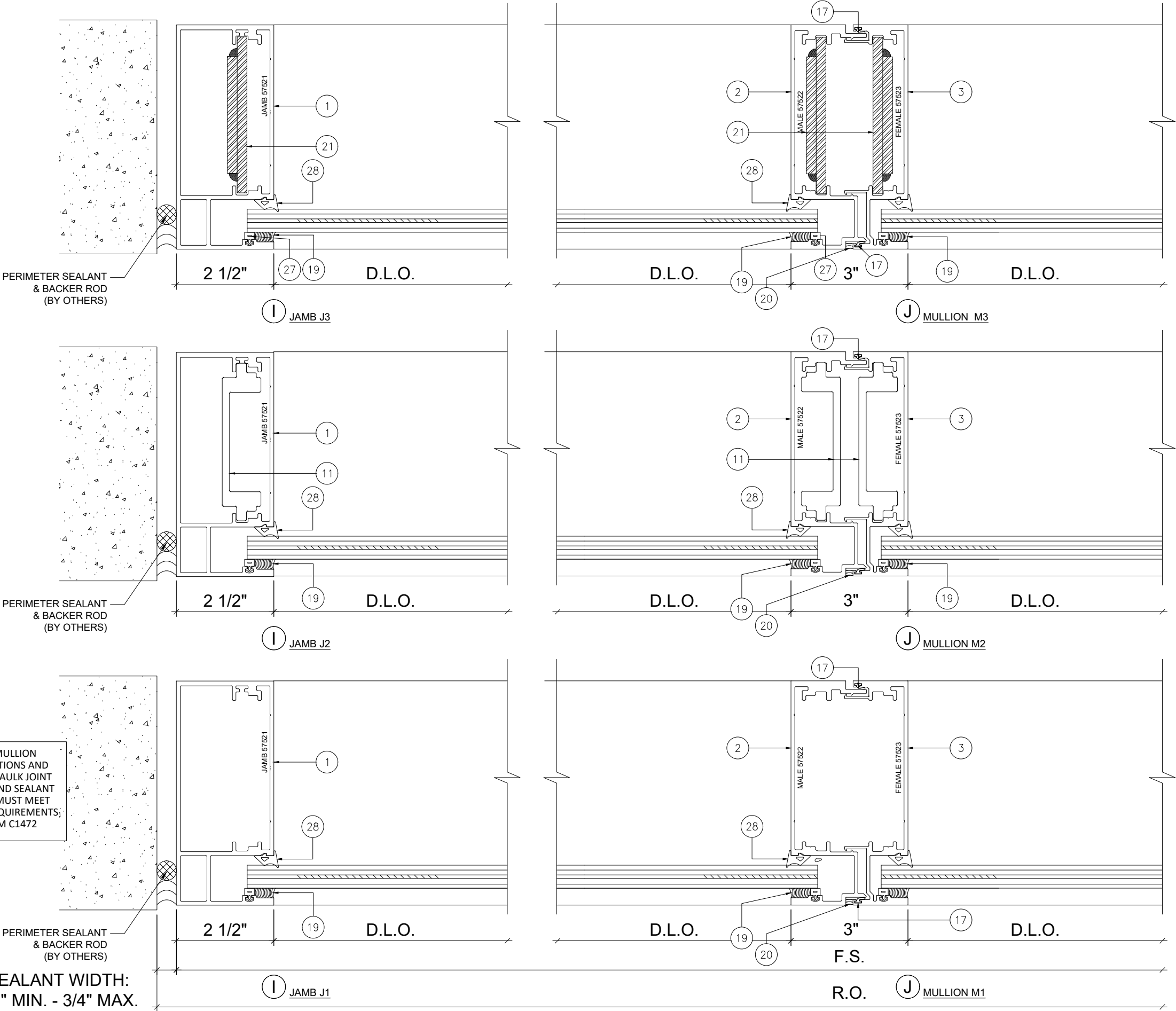
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DATE: 10-16-23

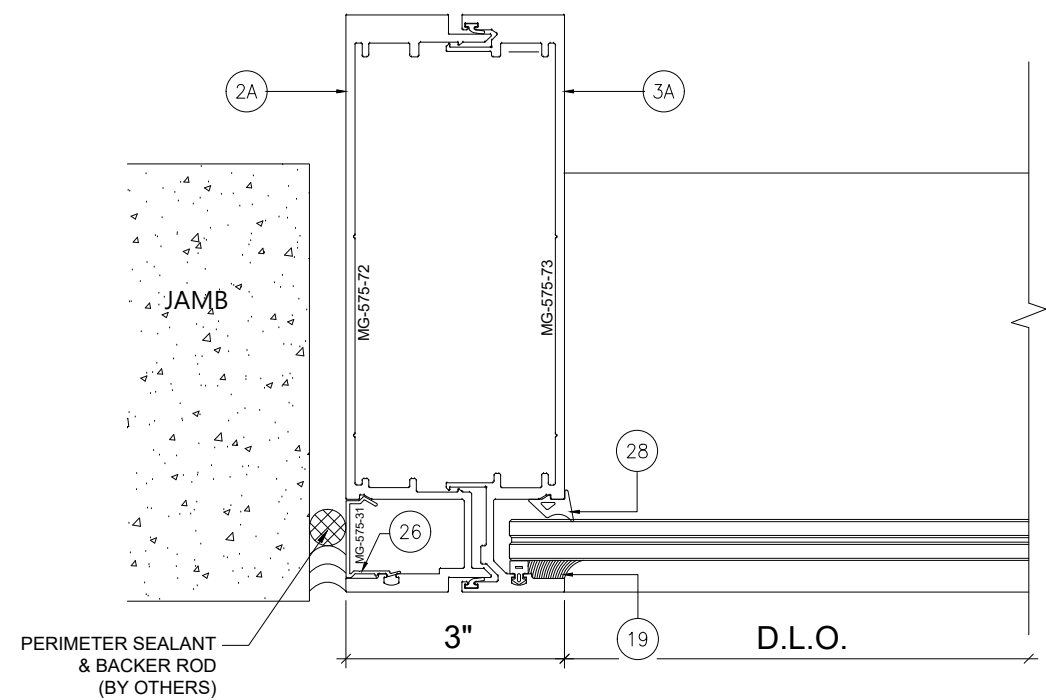
DWG: 2575-23

DRAWING No :

12 OF 21

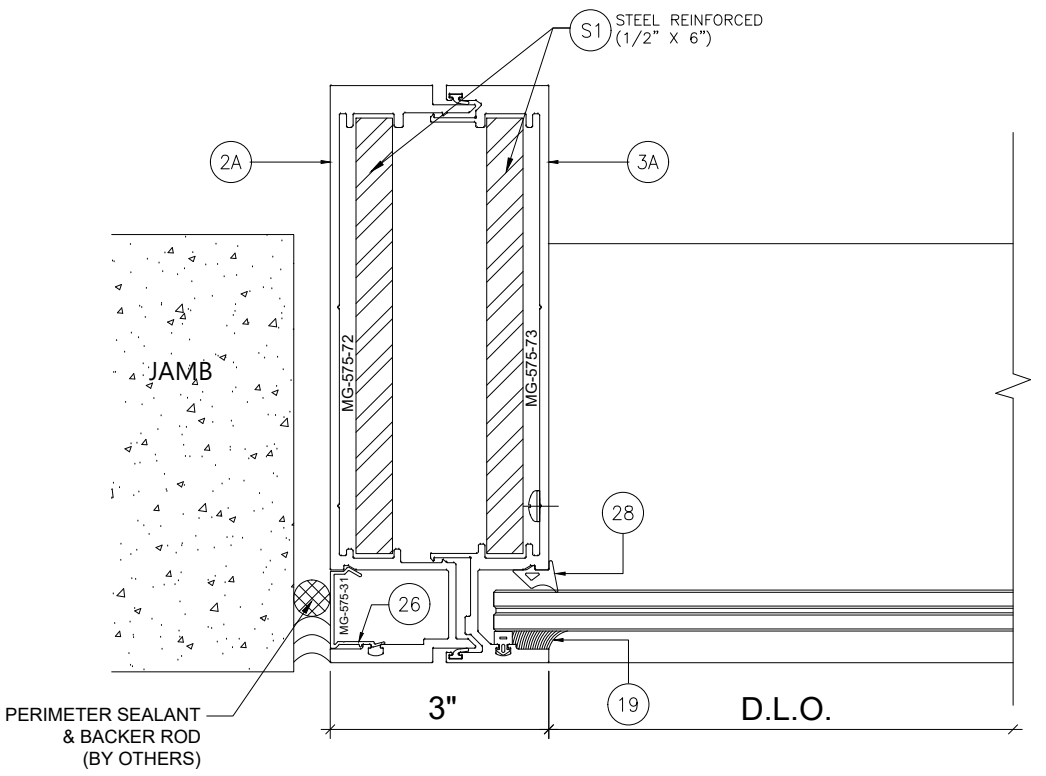


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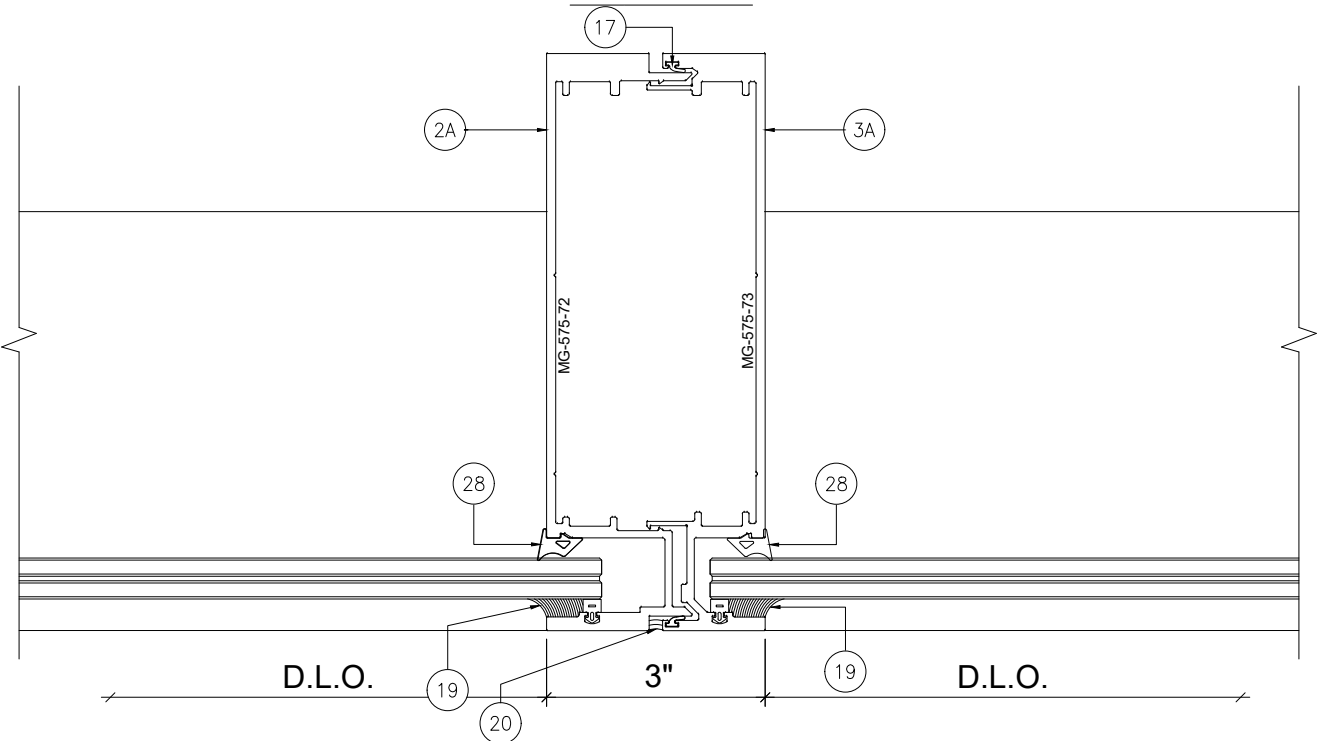
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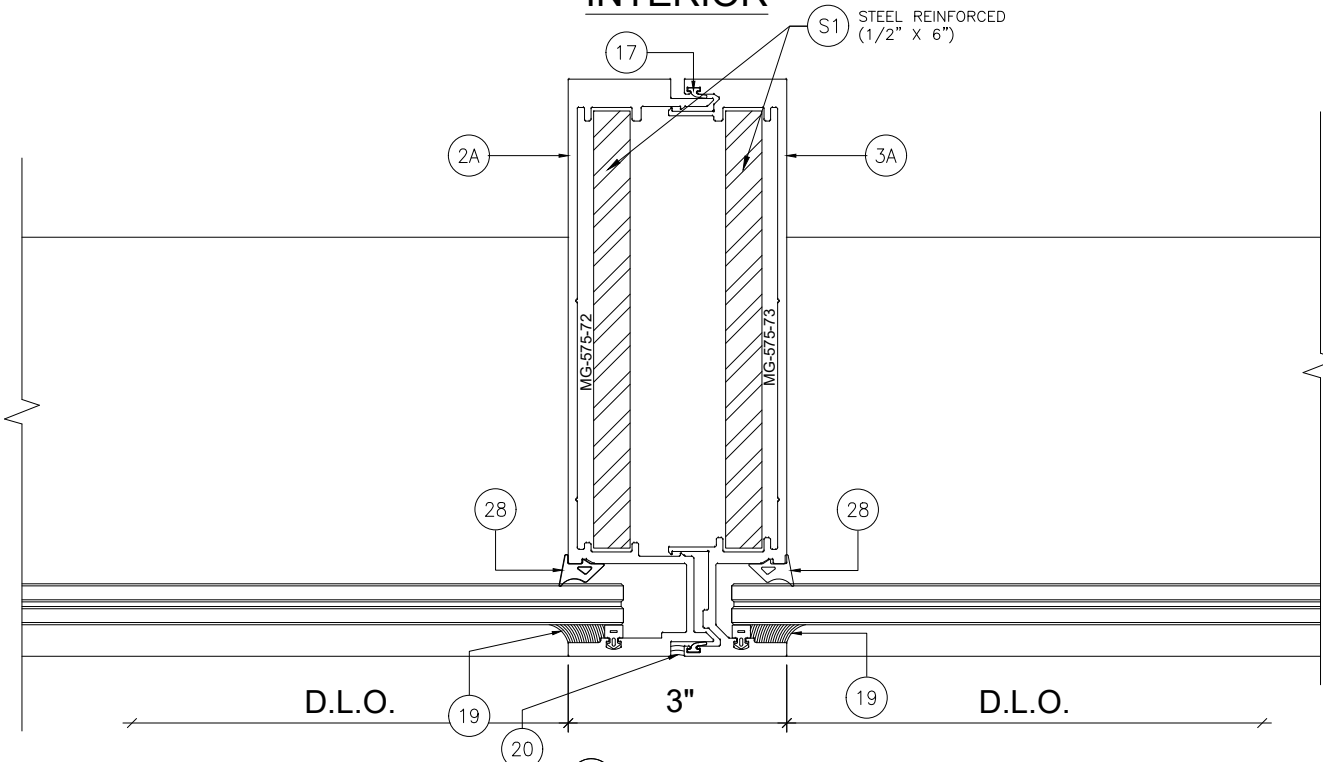
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INTERIOR



(L) MULLION M4

INTERIOR



(L) MULLION M5

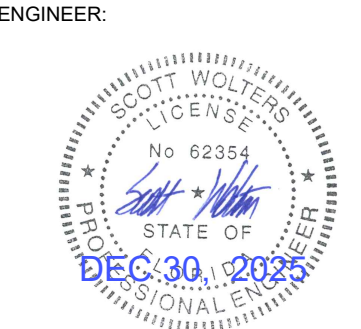


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POMPANO BEACH, FL 33064
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PRODUCT:
MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM
PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV.	DATE / REMARKS
1	03-07-24
2	09-12-25
3	12-10-25

ENGINEER:
SCOTT WOLTERS
FL PE #62354
WOLTERS ENGINEERING
(COA#27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982



PRODUCT CONTROL APPROVAL:

DRAWN: A.G..L	DRAWING No :
DATE: 10-16-23	13 OF 21
DWG: 2575-23	

MILLER GLASS & GLAZING
100 PARK CENTRAL BLVD. SOUTH
POMPANO BEACH, FL 33064
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PRODUCT:

MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV. DATE / REMARKS

1	03-07-24
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ENGINEER:

SCOTT WOLTERS
FL PE #62354

WOLTERS ENGINEERING
(COA#27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

ENGINEER:



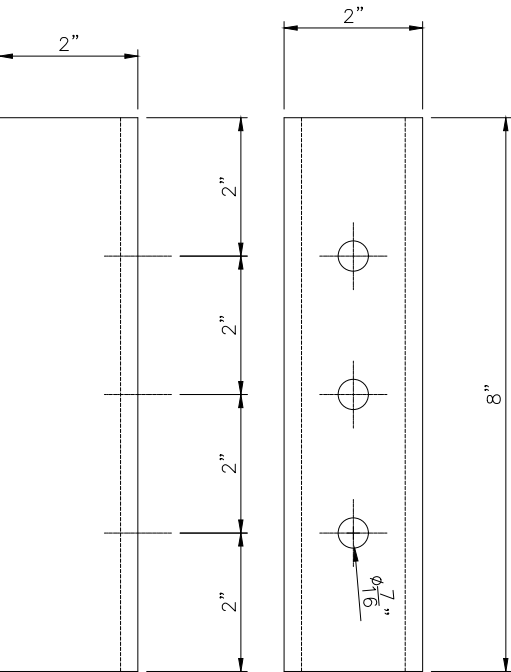
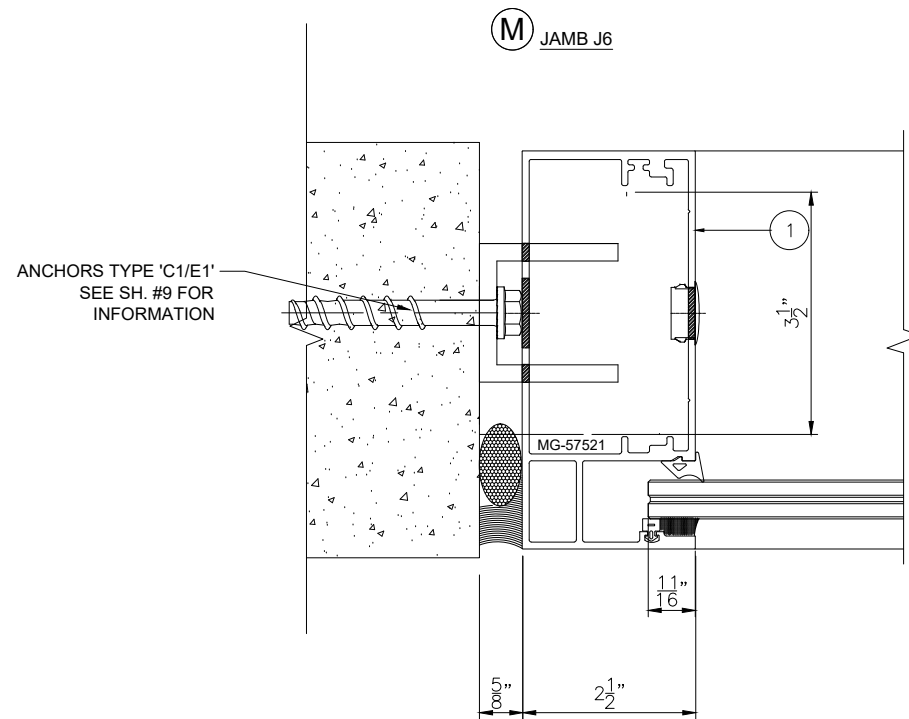
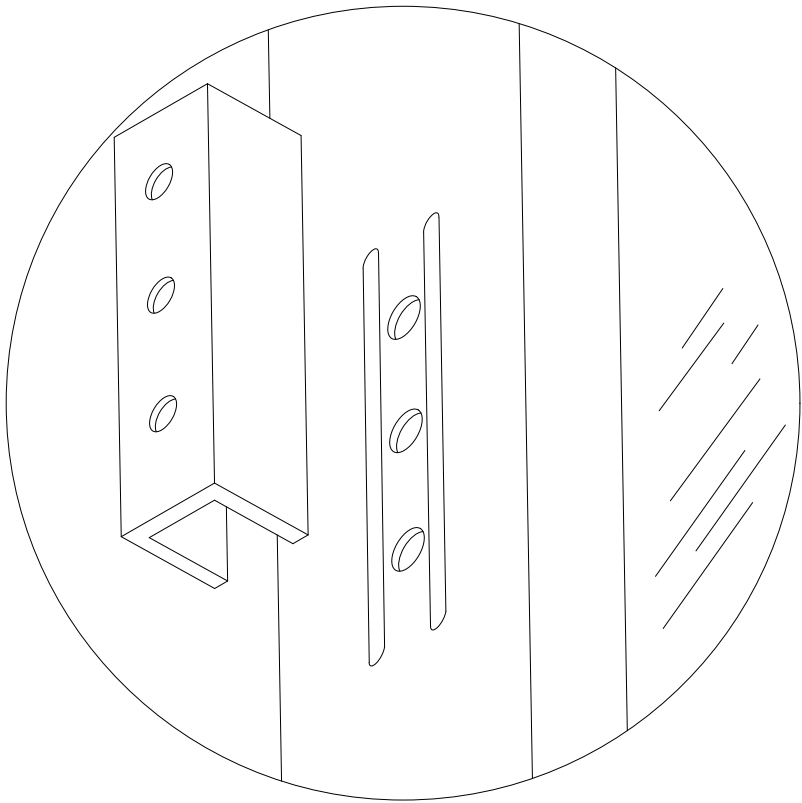
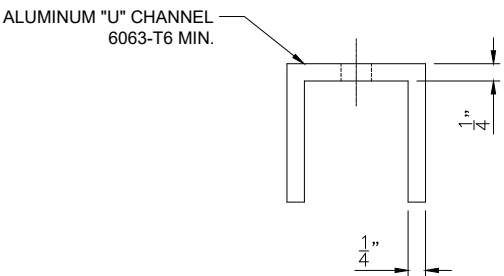
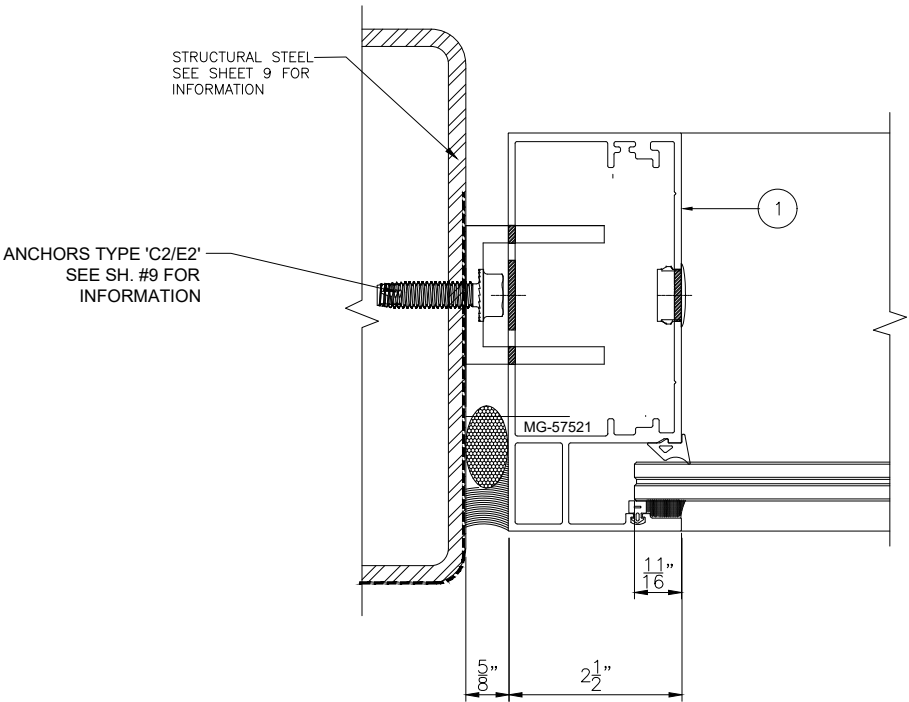
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DRAWN: A.G..L
DATE: 10-16-23
DWG: 2575-23

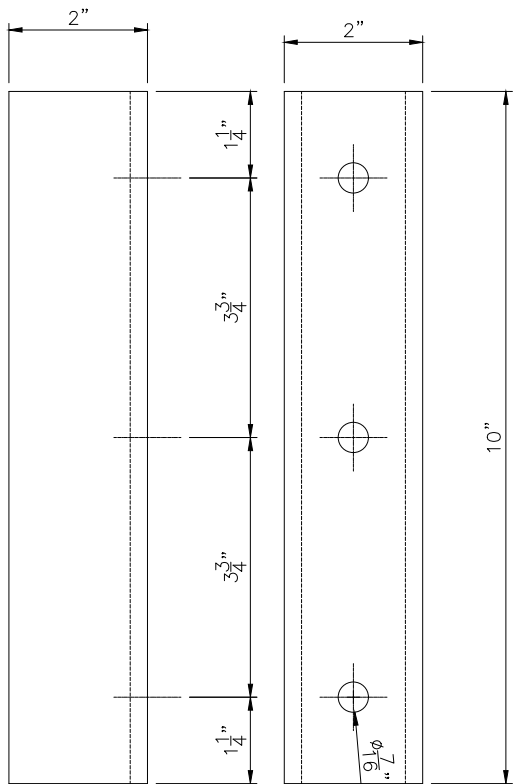
DRAWING No :

14 OF 21

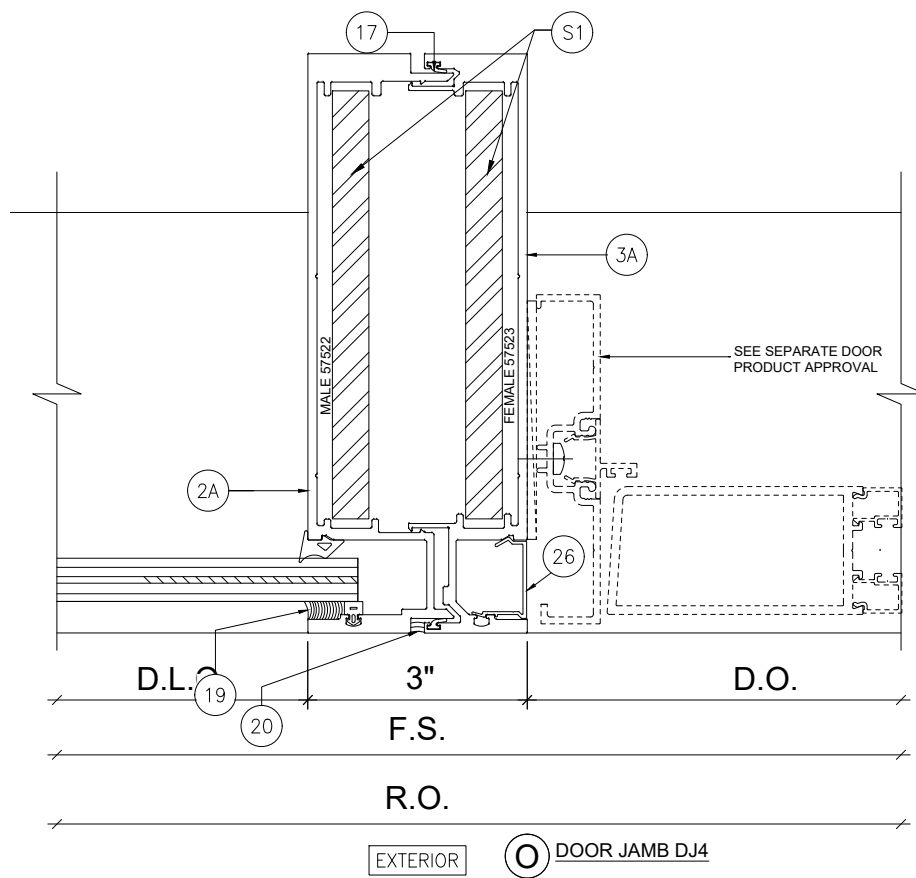
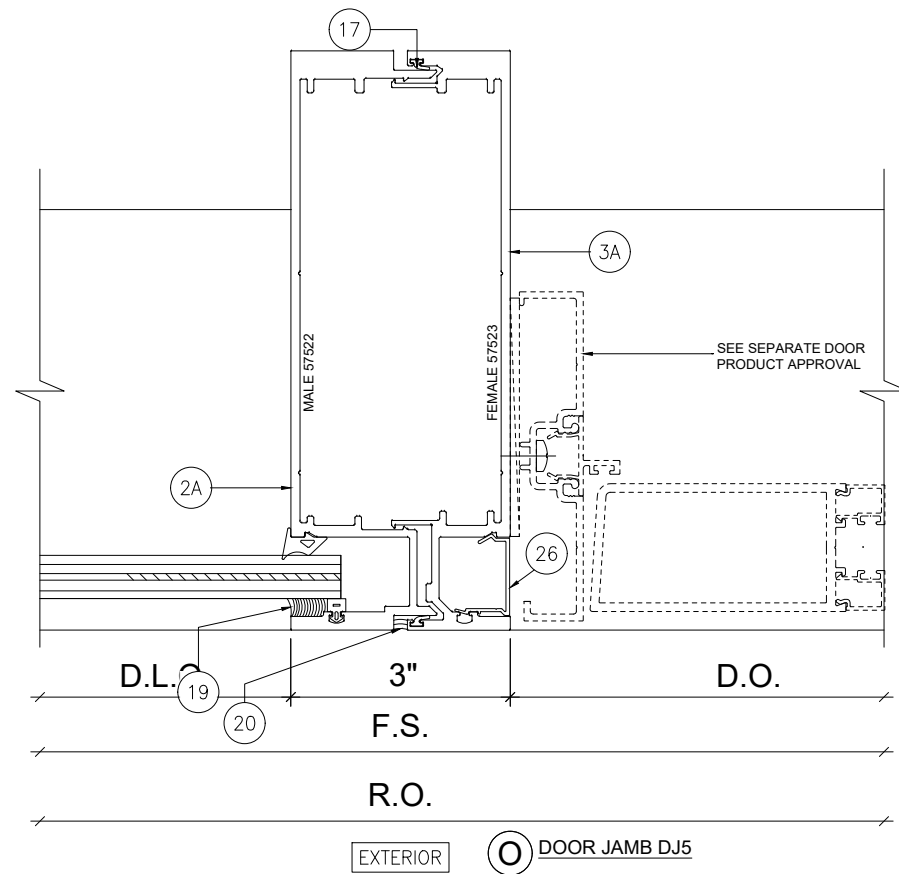
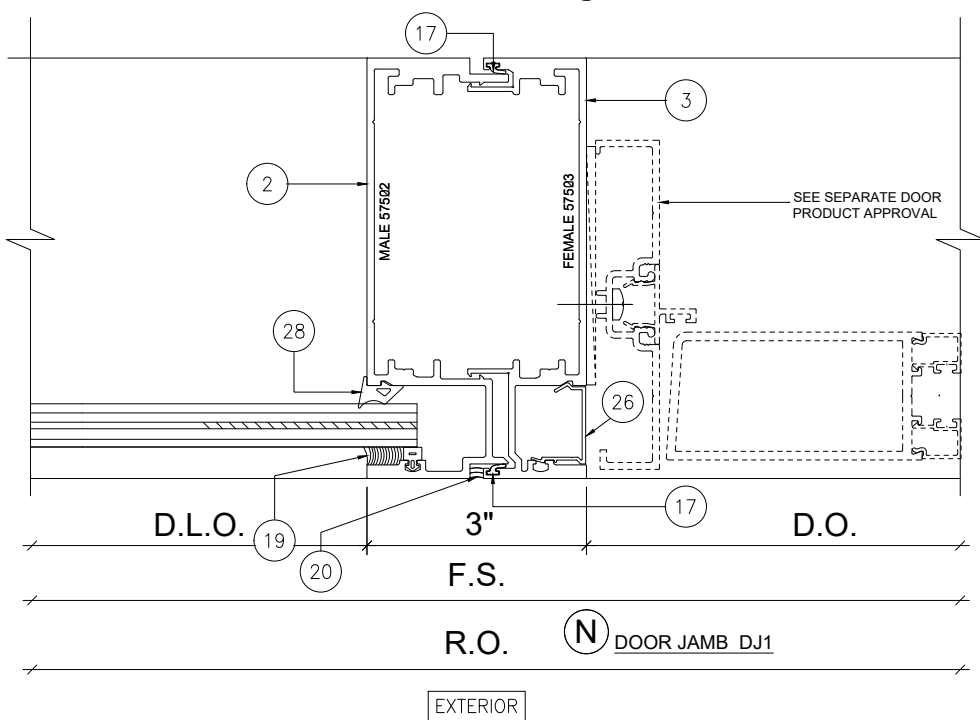
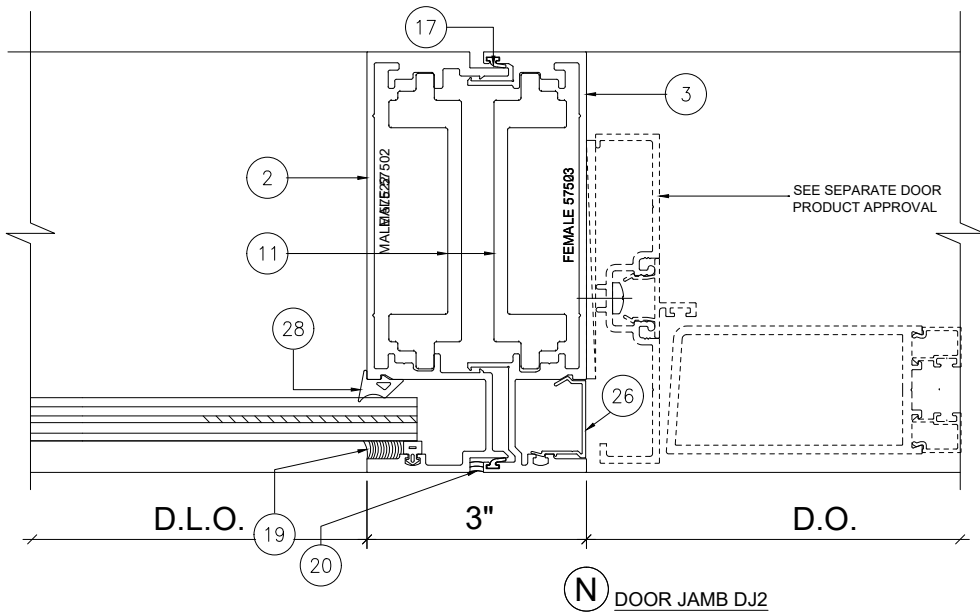
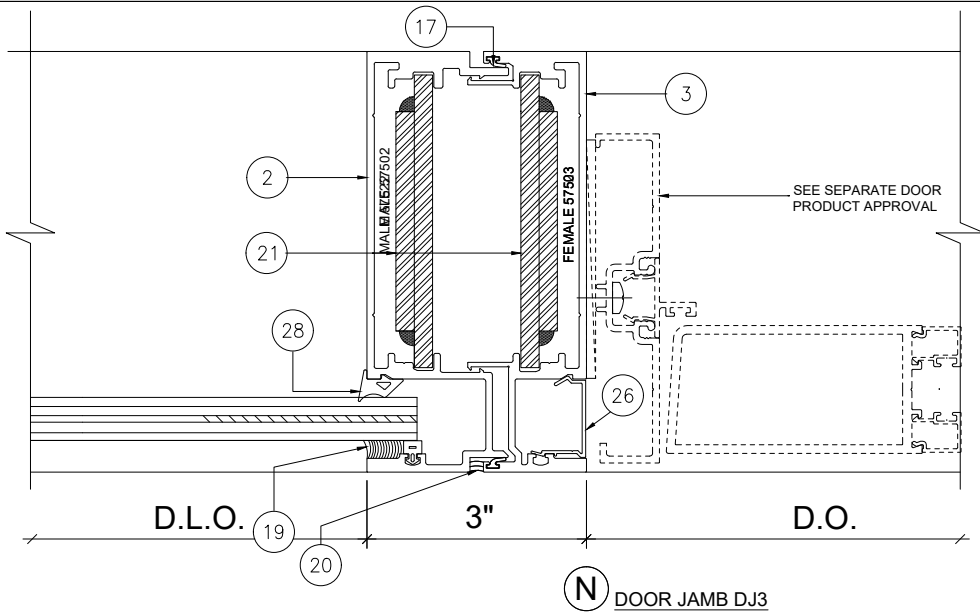
ALTERNATE ANCHOR TYPES, OR OTHER EDGE
DISTANCE OR SPACING REQUIREMENTS,
REQUIRE PROJECT SPECIFIC ENGINEERING BY
A FLORIDA LICENCED P.E.



OVER METAL STRUCTURES



OVER CONCRETE



MILLER GLASS & GLAZING
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PRODUCT:

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STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

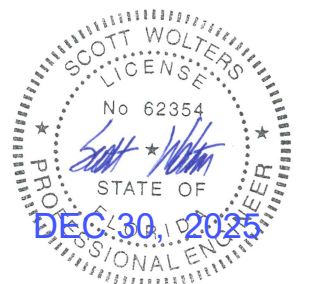
REV.	DATE / REMARKS
1	03-07-24
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ENGINEER:

SCOTT WOLTERS
FL PE #62354

WOLTERS ENGINEERING
(COA#27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

ENGINEER:



PRODUCT CONTROL APPROVAL:

DRAWN: A.G..L	DRAWING No :
DATE: 10-16-23	15 OF 21
DWG: 2575-23	

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(2020): FL# 43420.1 R3

REV.	DATE / REMARKS
1	03-07-24
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ENGINEER:

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FL PE #62354

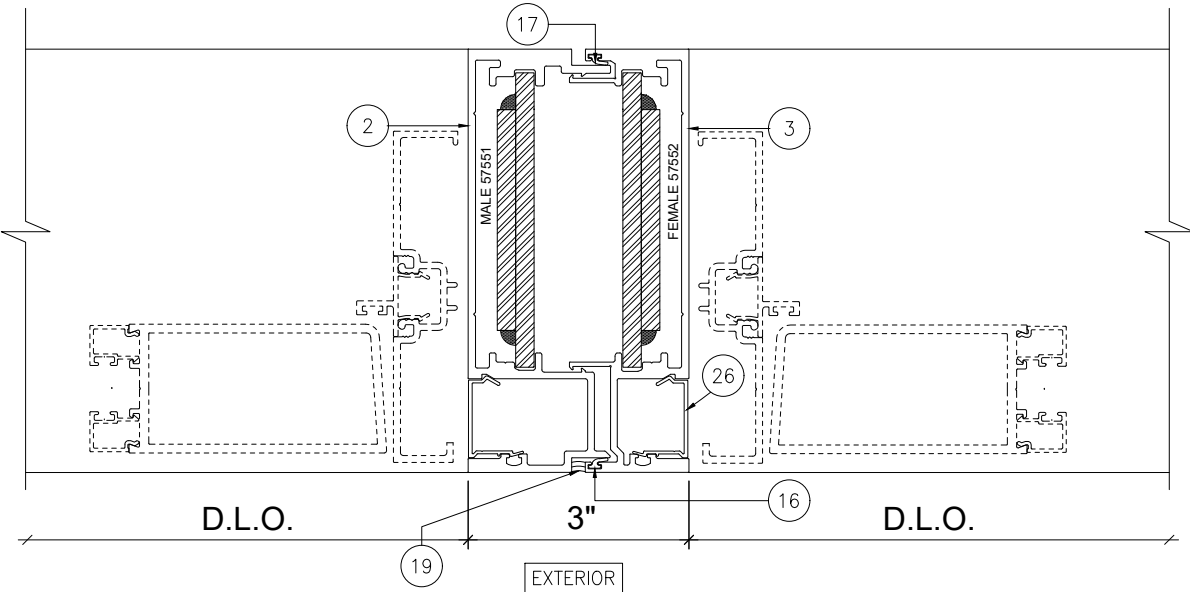
WOLTERS ENGINEERING
(COA#27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
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ENGINEER:

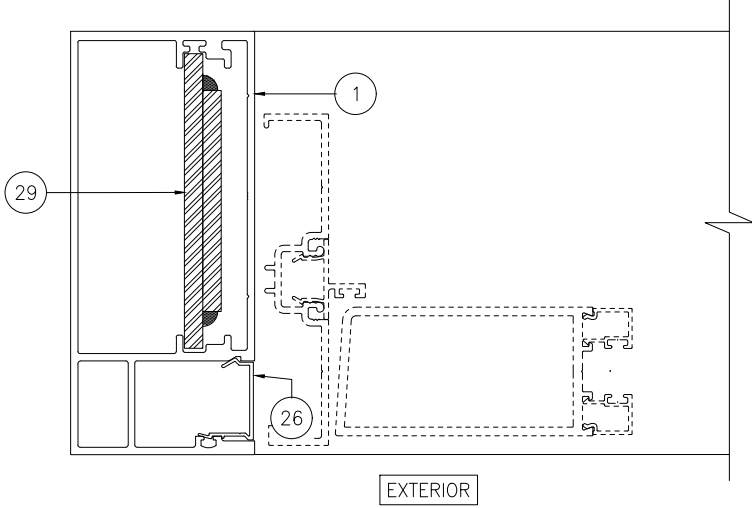


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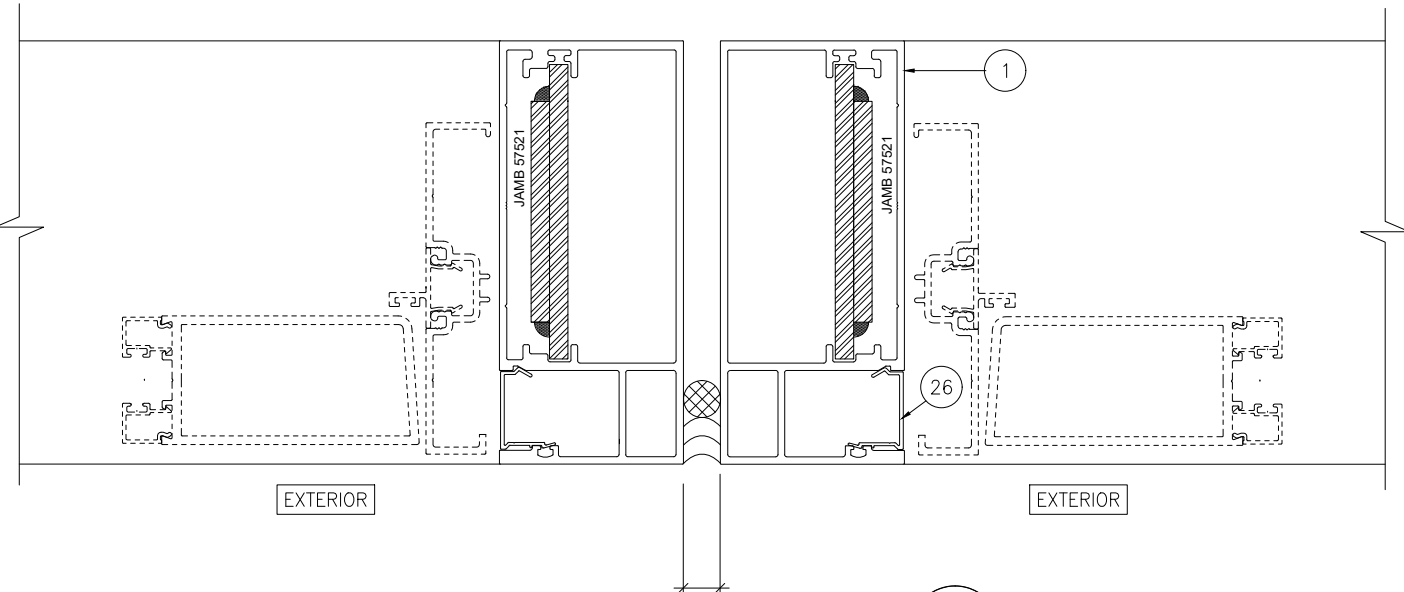
DRAWN: A.G..L	DRAWING No :
DATE: 10-16-23	16 OF 21
DWG: 2575-23	



P HEAD & SILL ANCHOR DETAIL
TYPE 'A1,A2' (SEE SH. #6)

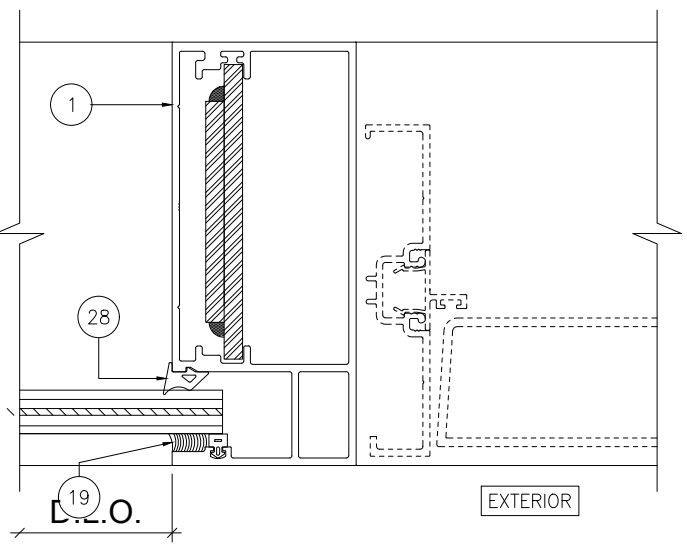


R SILL ANCHOR DETAIL
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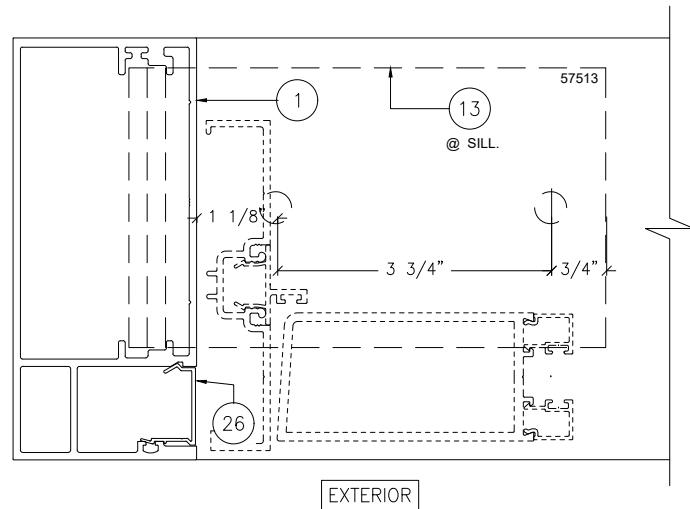


SEALANT WIDTH:
3/8" MIN. - 3/4" MAX.

Q HEAD & SILL ANCHOR DETAIL
TYPE 'A1, A2' (SEE SH. #6)

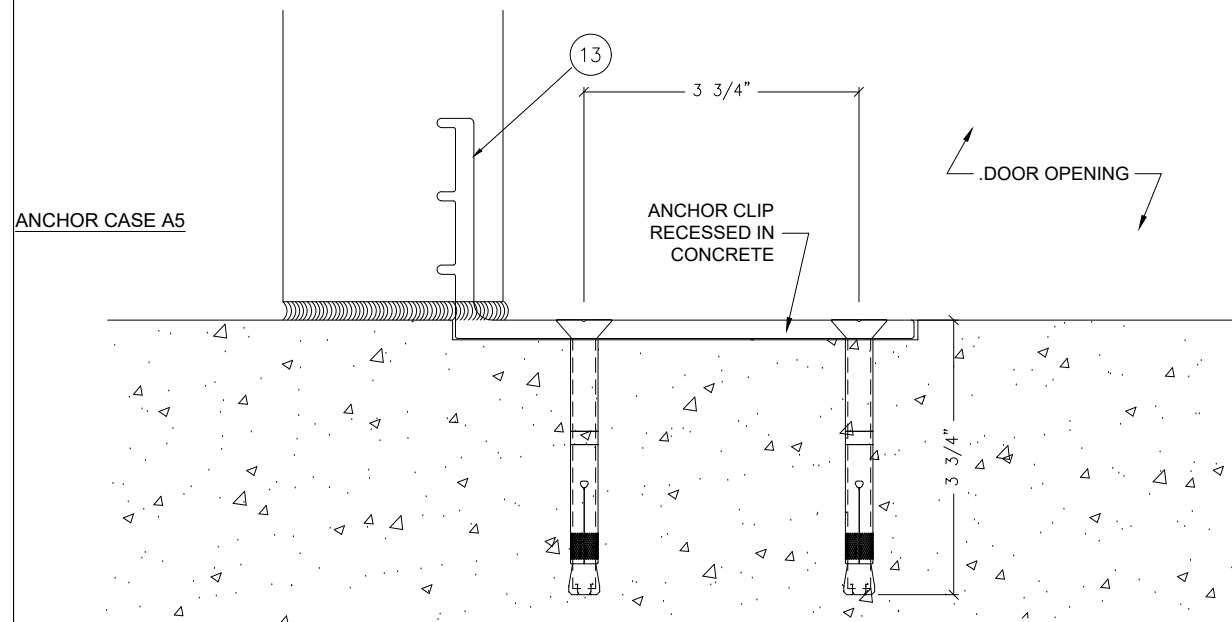


R1 SILL ANCHOR DETAIL
TYPE 'A3'

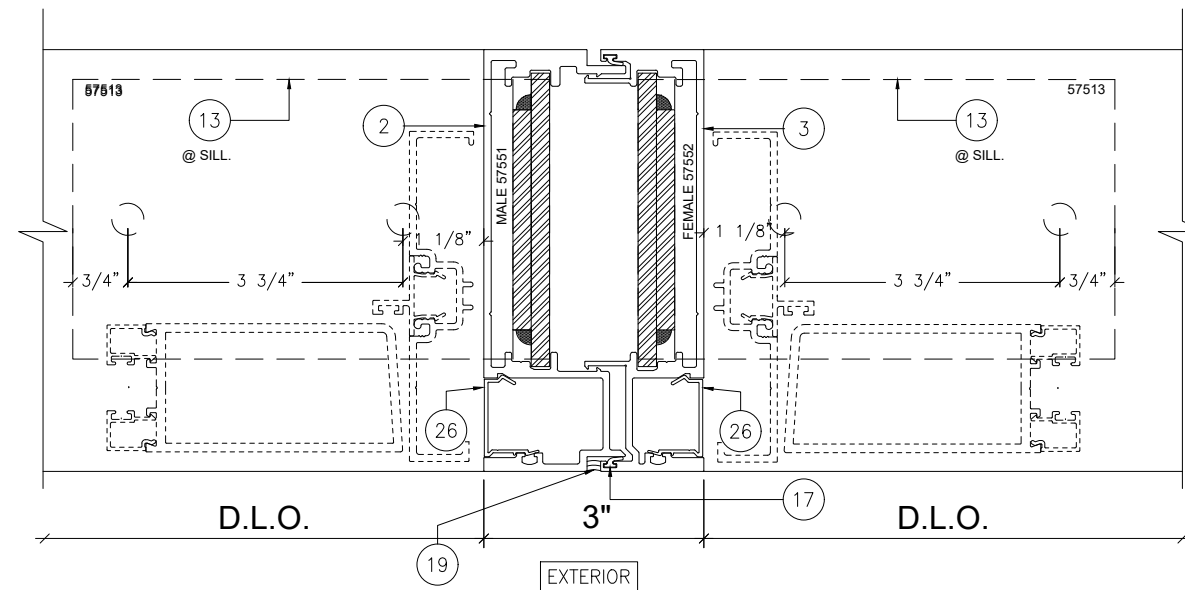


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TYPE 'A3'

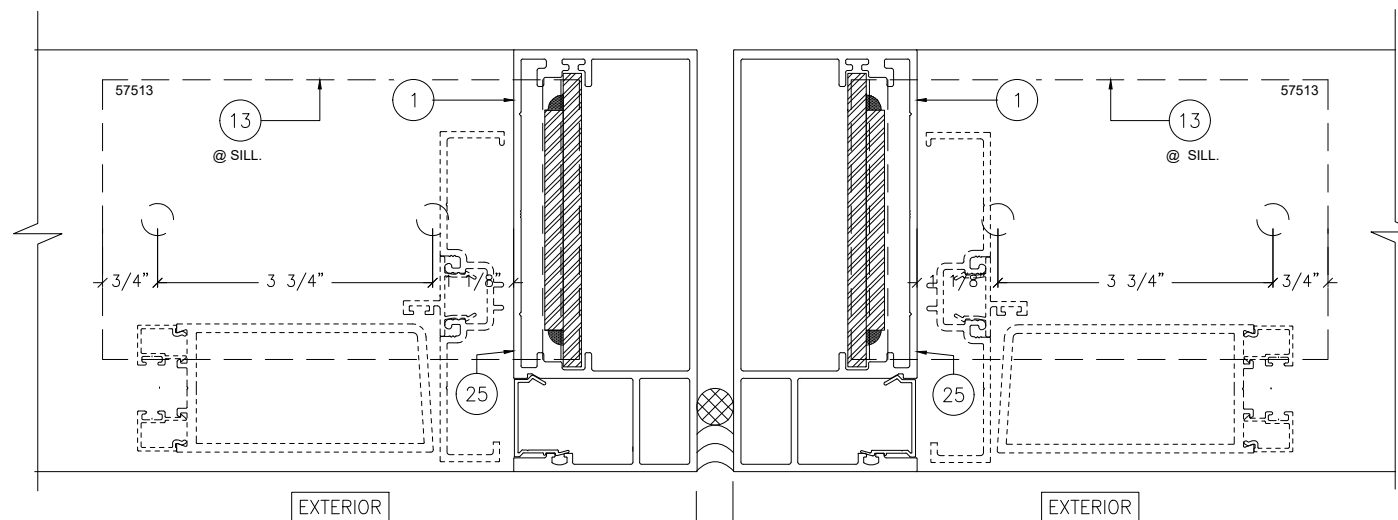
TYPE A5: ANCHOR CLIP (PART MG-57513) RECESSED INTO CONCRETE ($f'_c = 4000$ PSI MIN.)
w/3/8" DEWALT POWER BOLT (2 BOLTS PER CLIP)
SPACED AT 3-3/4" C.C.
EMBEDMENT: 3 1/4" MIN.
EDGE DISTANCE: 3" MIN.



R.1 SILL ANCHOR DETAIL
TYPE 'A3'



S SILL ANCHOR DETAIL
TYPE 'A5'



SEALANT WIDTH:
3/8" MIN. - 3/4" MAX.

T SILL ANCHOR DETAIL
TYPE 'A5'



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PRODUCT:

MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV. DATE / REMARKS

1	03-07-24
2	09-12-25
3	12-10-25

ENGINEER:

SCOTT WOLTERS
FL PE #62354

WOLTERS ENGINEERING
(COA#27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982

ENGINEER:



PRODUCT CONTROL APPROVAL:

DRAWN: A.G..L
DATE: 10-16-23
DWG: 2575-23

DRAWING No :
17 OF 21

MILLER GLASS & GLAZING
100 PARK CENTRAL BLVD. SOUTH
POMPANO BEACH, FL 33064
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LAMINATED WINDOW WALL
STOREFRONT SYSTEM

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(2020): FL# 43420.1 R3

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FL PE #62354

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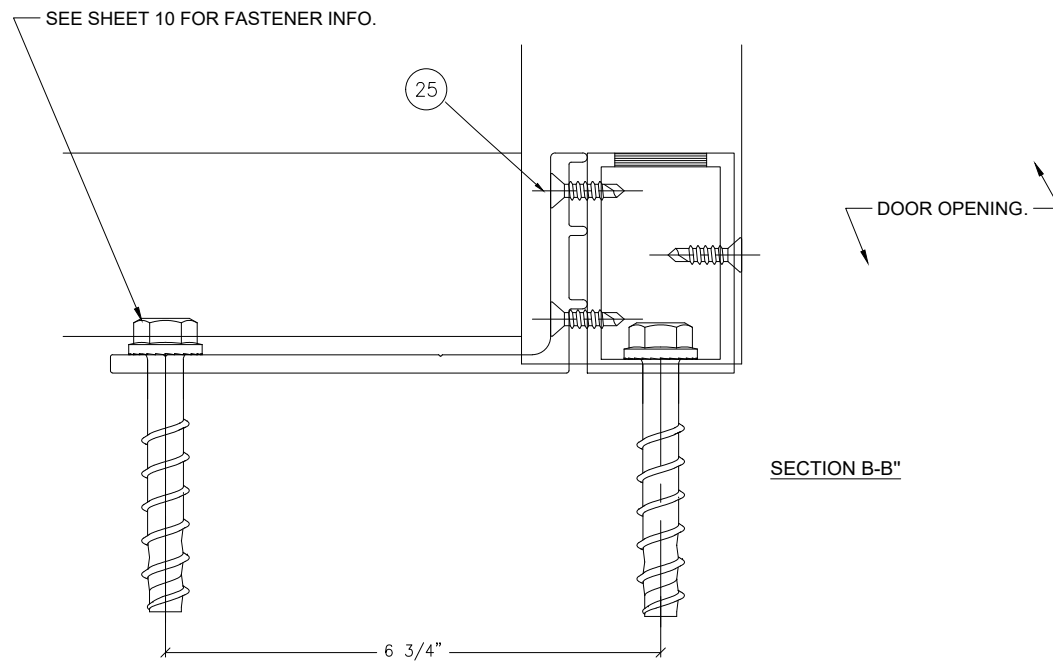
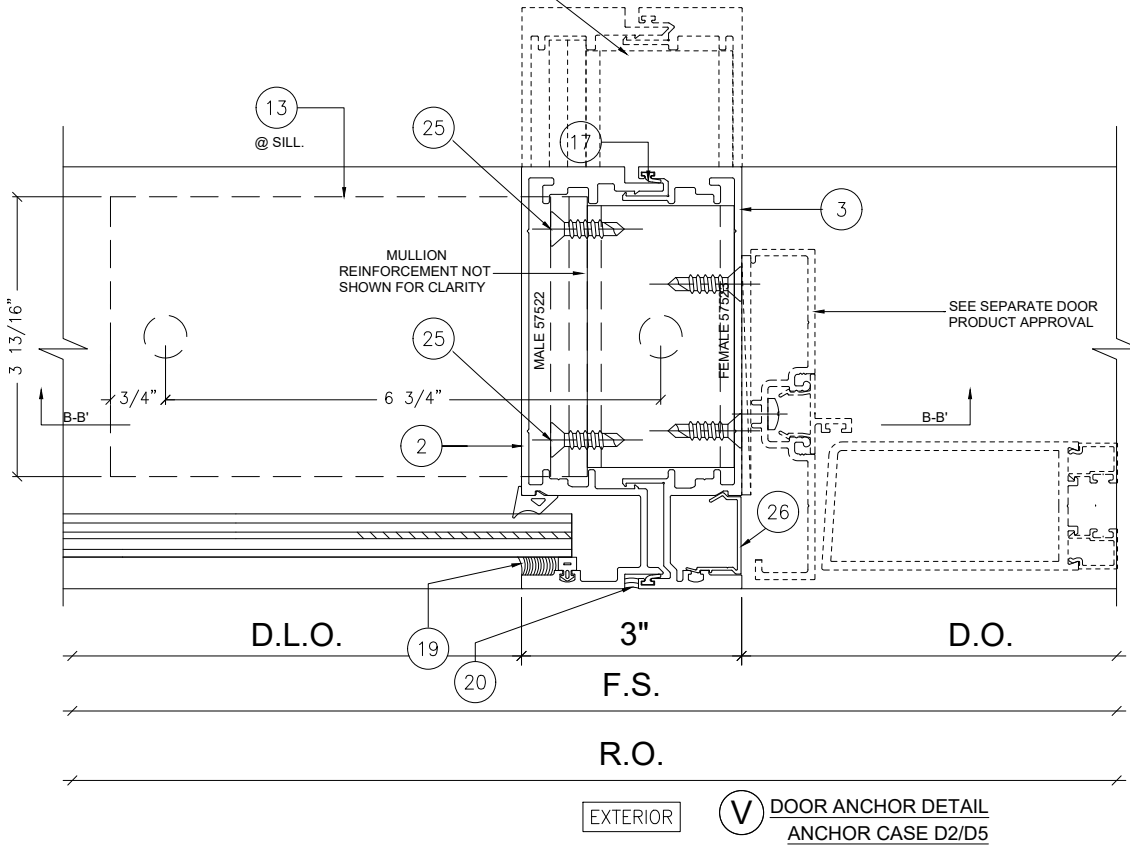
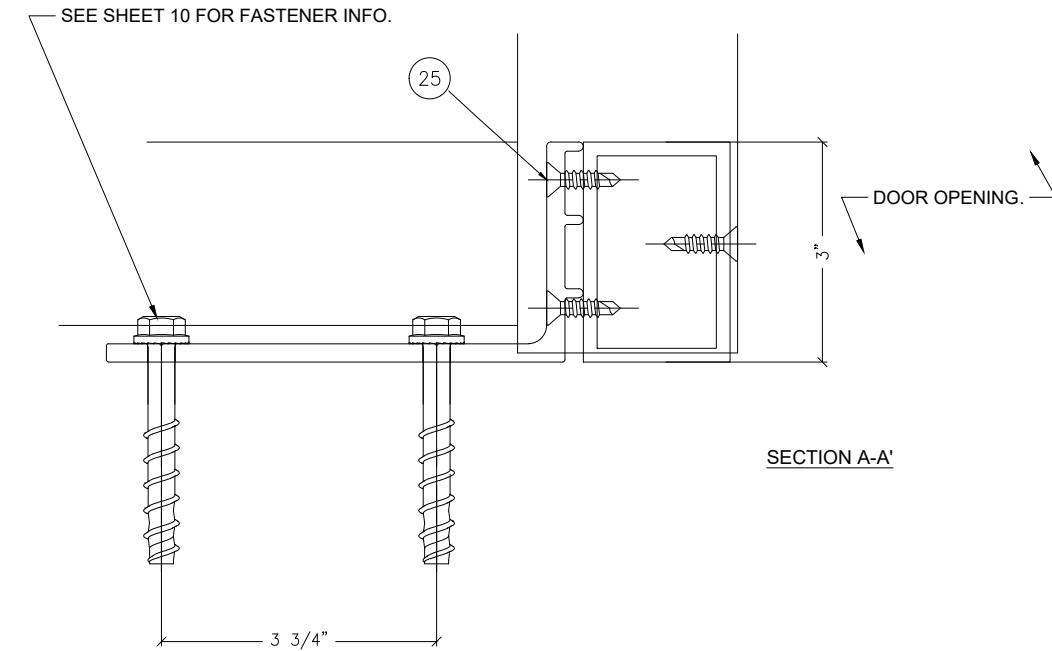
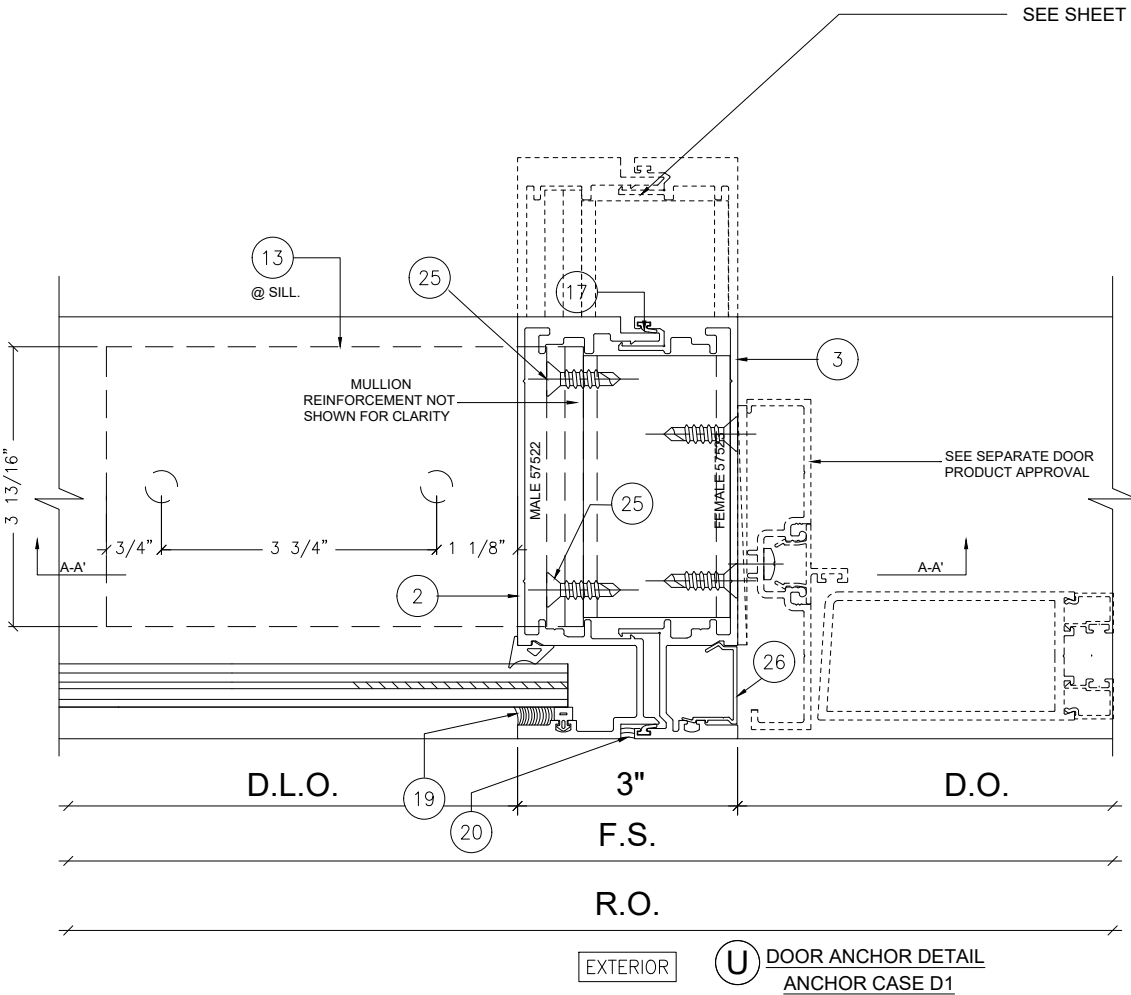


PRODUCT CONTROL APPROVAL:

DRAWN: A.G..L
DATE: 10-16-23
DWG: 2575-23

DRAWING No :

18 OF 21





MILLER GLASS & GLAZING
100 PARK CENTRAL BLVD. SOUTH
POMPANO BEACH, FL 33064
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PRODUCT:

MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM

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(2020): FL# 43420.1 R3

REV.	DATE / REMARKS
1	03-07-24
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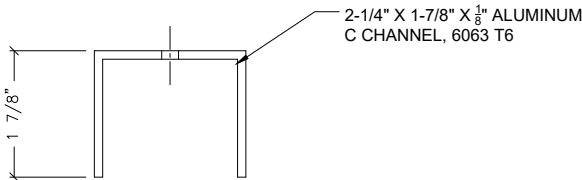
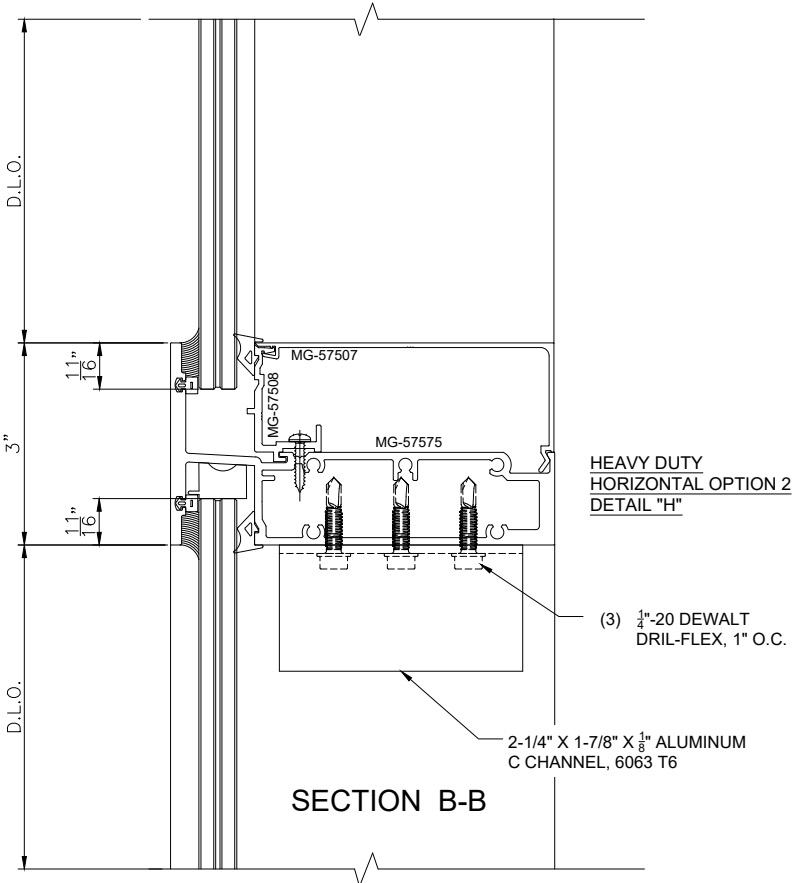
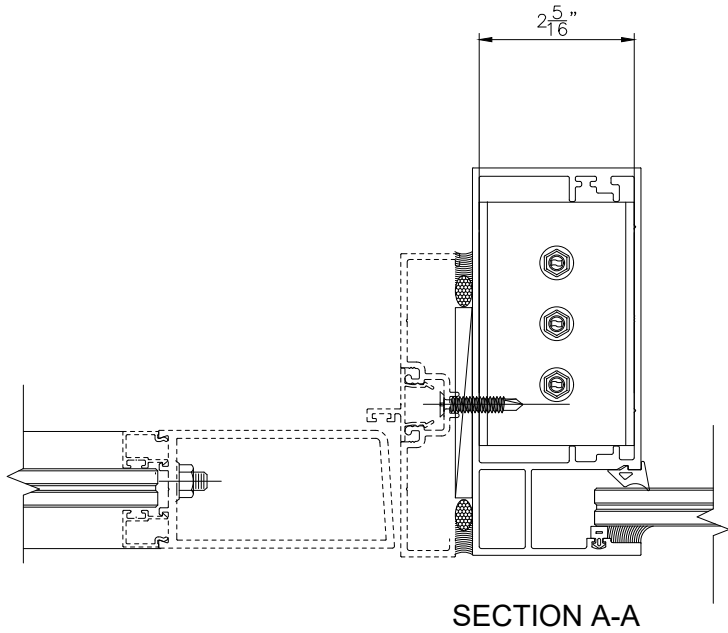
ENGINEER:
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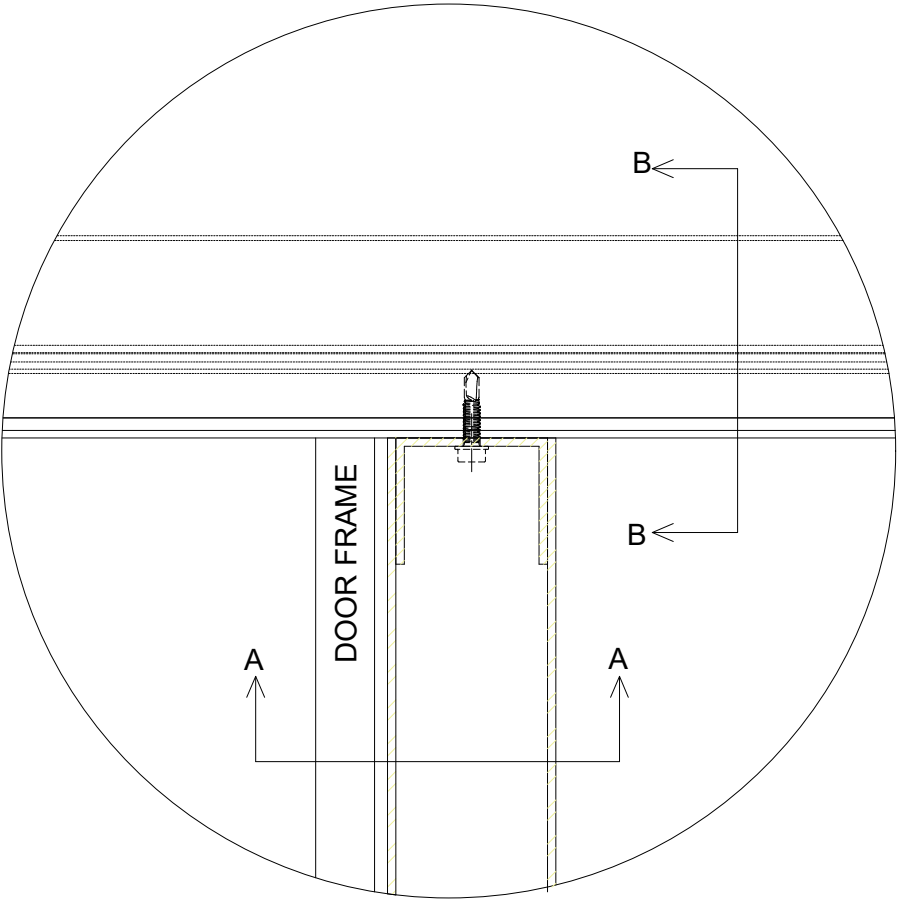


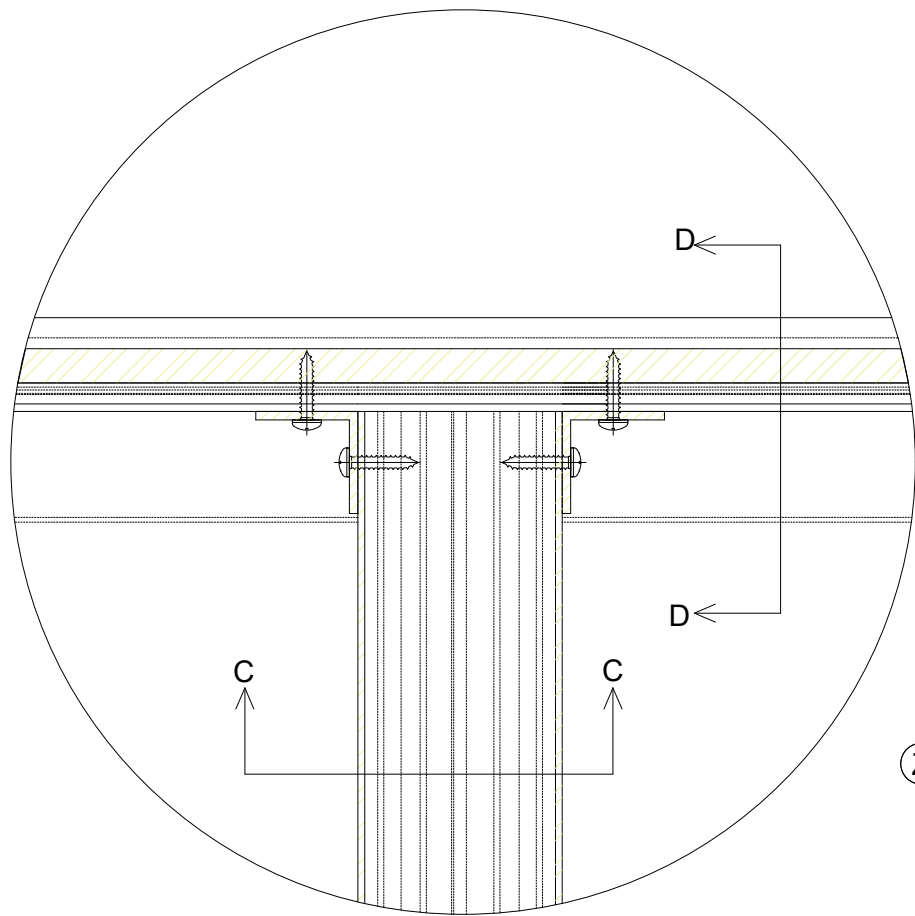
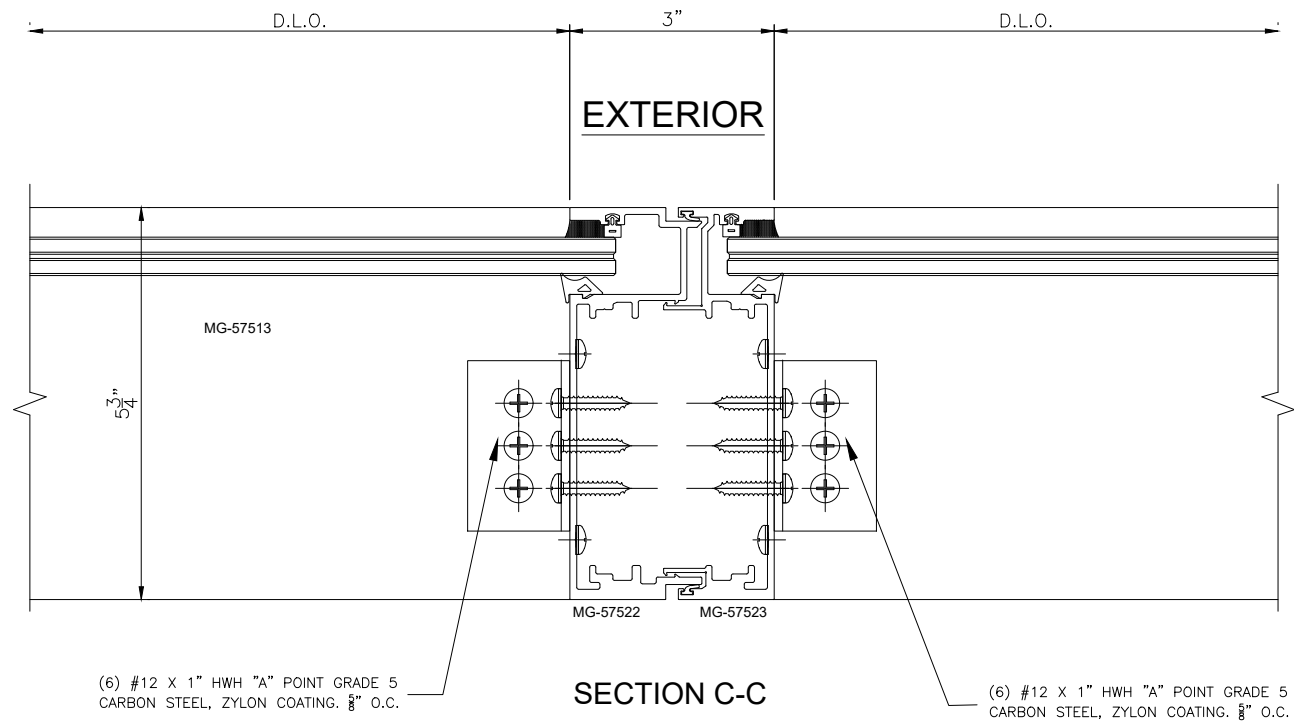
PRODUCT CONTROL APPROVAL:

DRAWN: A.G..L	DRAWING No :
DATE: 10-16-23	19 OF 21
DWG: 2575-23	

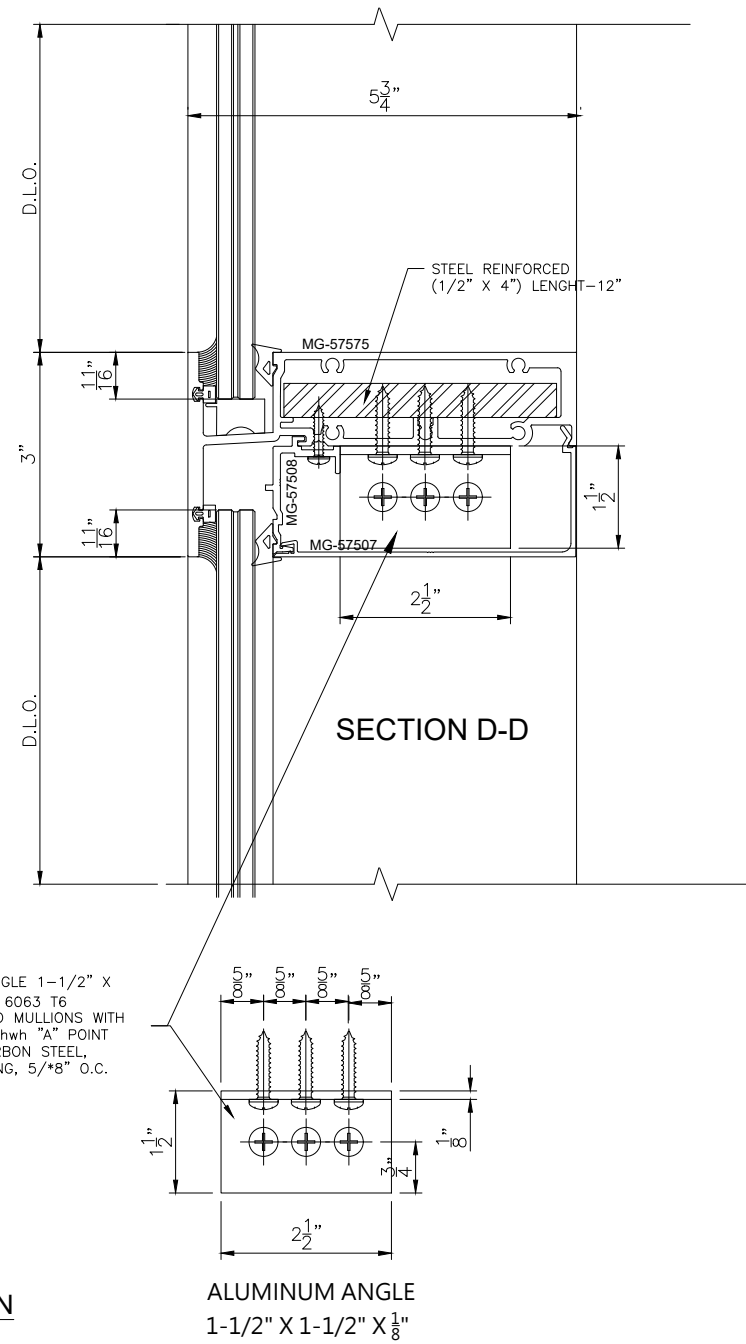


Y CRIPPLED JAMB CONNECTION AT HEAD
MAX END REACTION =1,450 LBS





② **CRIPPLED MULLION CONNECTION**
MAX END REACTION =2,050 LBS



MILLER GLASS & GLAZING
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PRODUCT:

MGS575 L.M.I.
LAMINATED WINDOW WALL
STOREFRONT SYSTEM

PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV. DATE / REMARKS

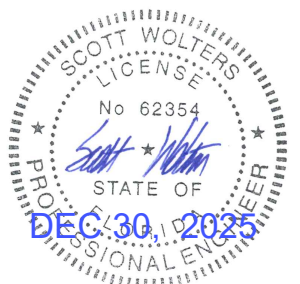
1	03-07-24
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ENGINEER:

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FL PE #62354

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(COA#27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
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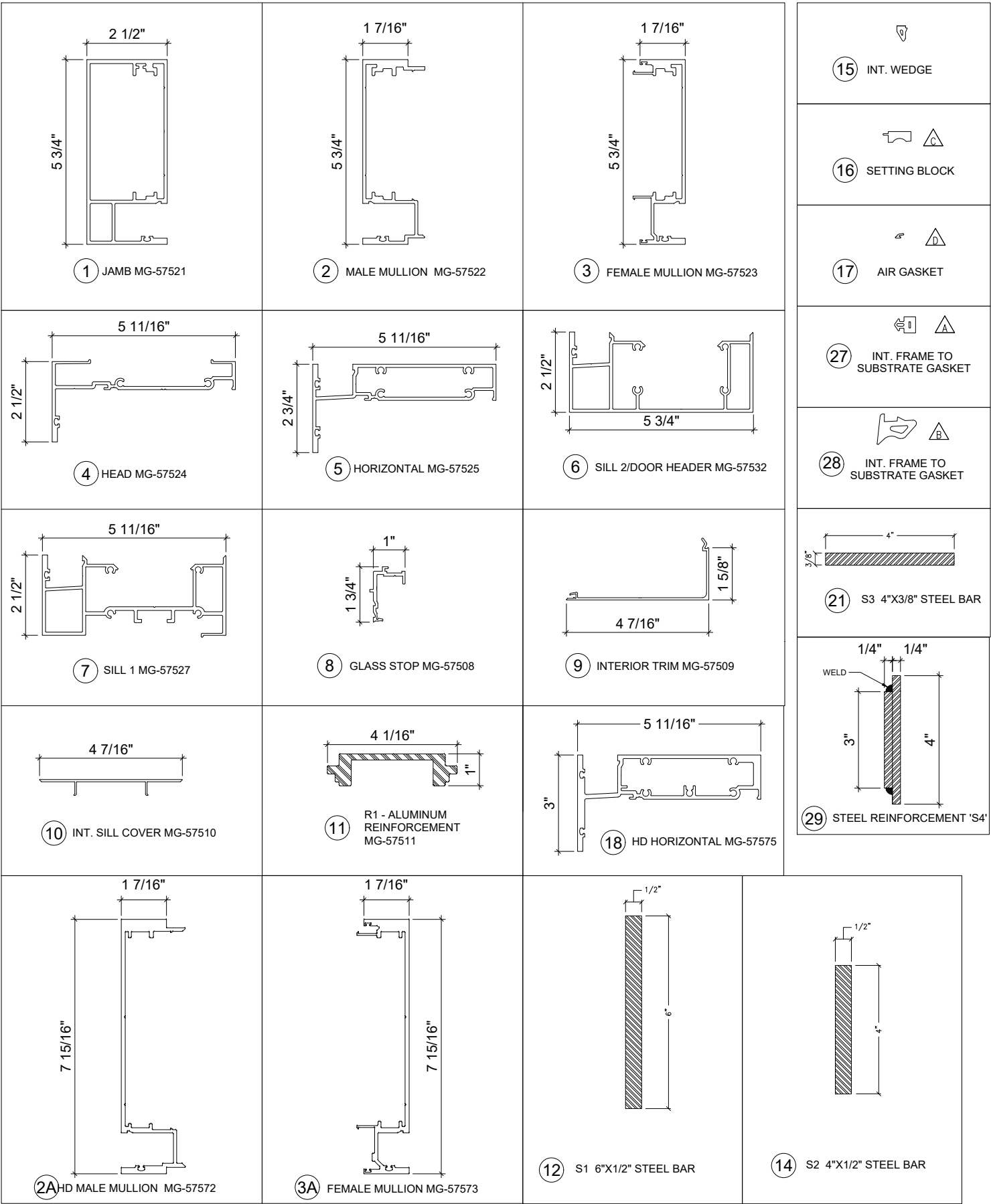
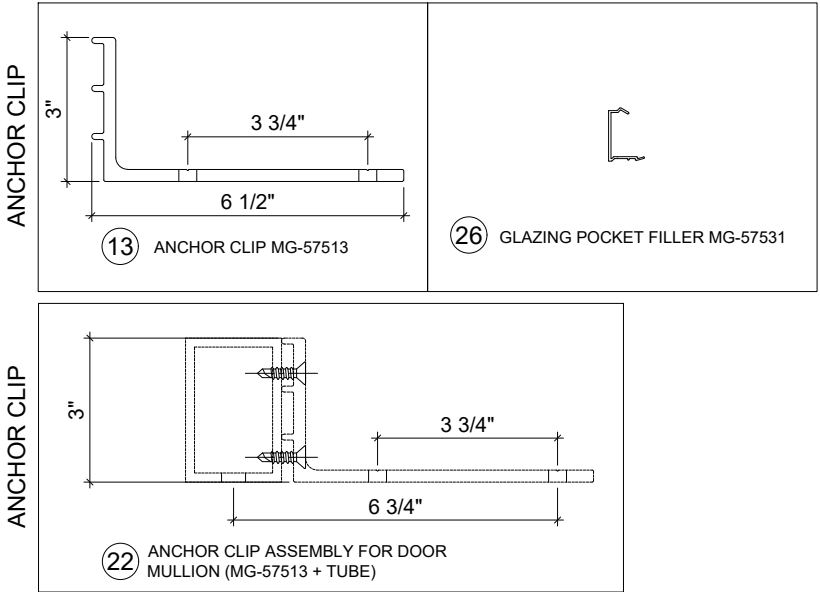


PRODUCT CONTROL APPROVAL:

DRAWN: A.G..L
DATE: 10-16-23
DWG: 2575-23

DRAWING No :
20 OF 21

BILL OF MATERIALS				
ITEM NO.	PART NO.	DESCRIPTION	MANUF./SUPPLIER	MATERIAL
1	MG-57521	JAMB	MILLER G & G	ALUM. 6063-T6
2	MG-57522	MALE MULLION		ALUM. 6063-T6
3	MG-57523	FEMALE MULLION		ALUM. 6063-T6
2A	MG-57572	HEAVY DUTY MALE MULLION		ALUM. 6063-T6
3A	MG-57573	HEAVY DUTY FEMALE MULLION		ALUM. 6063-T6
4	MG-57524	HEAD		ALUM. 6063-T5
5	MG-57525	HORIZONTAL		ALUM. 6063-T5
6	MG-57532	SILL 2 / DOOR HEADER		ALUM. 6063-T5
7	MG-57527	SILL 1		ALUM. 6063-T5
8	MG-57508	GLASS STOP		ALUM. 6063-T5
9	MG-57509	INTERIOR TRIM		ALUM. 6063-T5
10	MG-57510	INTERIOR COVER		ALUM. 6063-T5
11	MG-57511	ALUM. REINFORCEMENT		ALUM. 6063-T6
12	S1	STEEL REINFORCEMENT	1/2" X 6"	STEEL
13	MG-57513	ANCHOR CLIP		ALUM. 6063-T6
14	S2	STEEL REINFORCEMENT	1/2" X 4"	STEEL
15	TX27360S	GLASS SETTING GASKET	TREMCO	SILICONE
16	TX27282J	SETTING BLOCK**	TREMCO	SILICONE
17	TX27363S	AIR GASKET	TREMCO	SILICONE
18	MG-57575	HEAVY DUTY HORIZONTAL		ALUM. 6063-T5
19	DOW 983	2-PART COMPOUND	DOW CORNING	SILICONE
20	DOW 795	SINGLE COMPOUND	DOW CORNING	SILICONE
21	S3	STEEL REINFORCEMENT	--	STEEL
22	PH SMS	ASSEMBLY FASTENER	#12 X 1-1/2"	ST/ST
23	--	CUP POINT SET SCREW	3/8" - 16 X 2"	ST/ST
24	--	SILL LEVELER	--	ALUM. 6063-T6
25	FHD SMS	ASSEMBLY FASTENER	1/4"	ST/ST
26	MG-57531	GLAZING POCKET FILLER		ALUM. 6063 T6
27	TX27371S	EXTERIOR WET GASKET	TREMCO	SILICONE
28	TX27359S	INTERIOR WEDGE GASKET	TREMCO	SILICONE
29	S4	STEEL REINFORCEMENT	--	STEEL

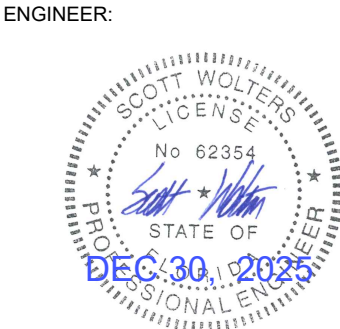


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PRODUCT:
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LAMINATED WINDOW WALL
STOREFRONT SYSTEM
PRODUCT APPROVAL FBC
(2020): FL# 43420.1 R3

REV.	DATE / REMARKS
1	03-07-24
2	09-12-25
3	12-10-25

ENGINEER:
SCOTT WOLTERS
FL PE #62354
WOLTERS ENGINEERING
(COA#27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
(561) 225-1982



PRODUCT CONTROL APPROVAL:

DRAWN: A.G..L	DRAWING No :
DATE: 10-16-23	21 OF 21
DWG: 2575-23	