

CT WINDOWS d.b.a. ARCHITECTURAL ALUMINUM TECHNIQUES
T600B WINDOW WALL SYSTEMS
WIND ZONE 3 -- (NON HVHZ)
(LARGE & SMALL MISSILE IMPACT)

WINDOW WALL SYSTEM RATED FOR LARGE AND SMALL MISSILE IMPACT.

SERIES T600B SHALLOW MULLION WINDOW WALL

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION FLORIDA BUILDING CODE 2023/9TH EDITION FLORIDA BUILDING CODE 2026 FOR WZ3 AND OUTSIDE OF THE HIGH VELOCITY HURRICANE ZONE (NON-HVHZ).

LARGE MISSILE IMPACT GLASS TO BE USED AT ELEVATIONS BELOW 30'-0" OF GRADE LEVEL. FOR ELEVATIONS 30'-0" ABOVE GRADE LEVEL, SMALL MISSILE IMPACT GLASS TO BE USED.

THIS SYSTEM IS APPROVED FOR AIR AND WATER INFILTRATION.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 8TH EDITION FLORIDA BUILDING CODE 2023/9TH EDITION FLORIDA BUILDING CODE 2026 SECTION AS APPLICABLE.

METAL STRUCTURES BY OTHERS TO BE DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.

ULTIMATE LOAD OBTAINED FROM ASCE 7-22, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT. THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.

MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE LABELING TO COMPLY WITH SECTION 1709.9.2.

INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING. COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.

- FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 35, OR EQUIVALENT CORROSION RESISTANCE).
- CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).

INSTRUCTIONS:
USE CHARTS AS FOLLOWS.

STEP 1: DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-22 STANDARD.

STEP 2: SEE SHEET E1 FOR TYPICAL ELEVATION.

STEP 3: SEE CHART 1 ON SHEET G1 FOR APPROVED GLASS TYPES AND DESIGN LOAD CAPACITIES BASED ON APPLICABLE WIND DURATION. FOR LEVEL E IMPACT GLASS SEE CHART 1.1 ON SHEET G2.

STEP 4: SEE CHART 2 ON SHEET G2 FOR SILICONE WIDTH OPTIONS AND CAPACITIES.

STEP 5: CHECK MULLION AND JAMB CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS 3 ON SHEET M1. THE CAPACITY SHOULD EXCEED THE JOB REQUIRED DESIGN LOAD.

STEP 6: ANCHOR OPTION SEE SHEET A1 FOR DIRECT ANCHOR OPTION. SEE SHEET A2 FOR ANCHOR OPTION WITH "T" & "F" CLIP.

STEP 7: THE LOWEST VALUE RESULTING FROM STEPS 2, 3, 4, 5 AND 6 SHALL APPLY TO ENTIRE SYSTEM.

STEP 8: FOR ANCHOR CONDITION IN JOB EXCEEDS THE APPROVED LOAD, TO BE ENGINEERED SEPARATELY.

ABBREVIATIONS AND SYMBOLS

D.L.O. - DAYLITE OPENING	CL - CENTER LINE
E.J. - EXPANSION JOINT	H.S. - HEAT STRENGTHENED
F.H. - FRAME HEIGHT	SSG - STRUCTURAL SILICONE
F.W. - FRAME WIDTH	GLAZED
LG. - LONG	TEMP. - TEMPERED
STL. - STEEL	O.C. - ON CENTER
ALUM. - ALUMINUM	DA - DEADLOAD ANCHOR
MULL. - MULLION	I.S. - INSIDE
HORIZ. - HORIZONTAL	WL - WIND LOAD
W/ - WITH	DL - DEAD LOAD
W/O - WITHOUT	SECTION NUMBER
VERT. - VERTICAL	
O.S. - OUTSIDE	
S.S. - STAINLESS STEEL	SHEET NUMBER

LIMITATIONS OF USE	
A-	THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; I.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
B-	CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HEREIN DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
C-	THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
D-	SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D.
E-	THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

FLORIDA APPROVAL:
FL 32010.1

DATE	09.27.2026
SCALE	AS SHOWN
DRAWN	James
PROJECT	19-085
DRAWING NO.	AD20-11
1 OF 16	

REVISONS	
NO	DATE
R2	11.17.23
R3	09.27.26

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

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mcy@mcyengineering.com

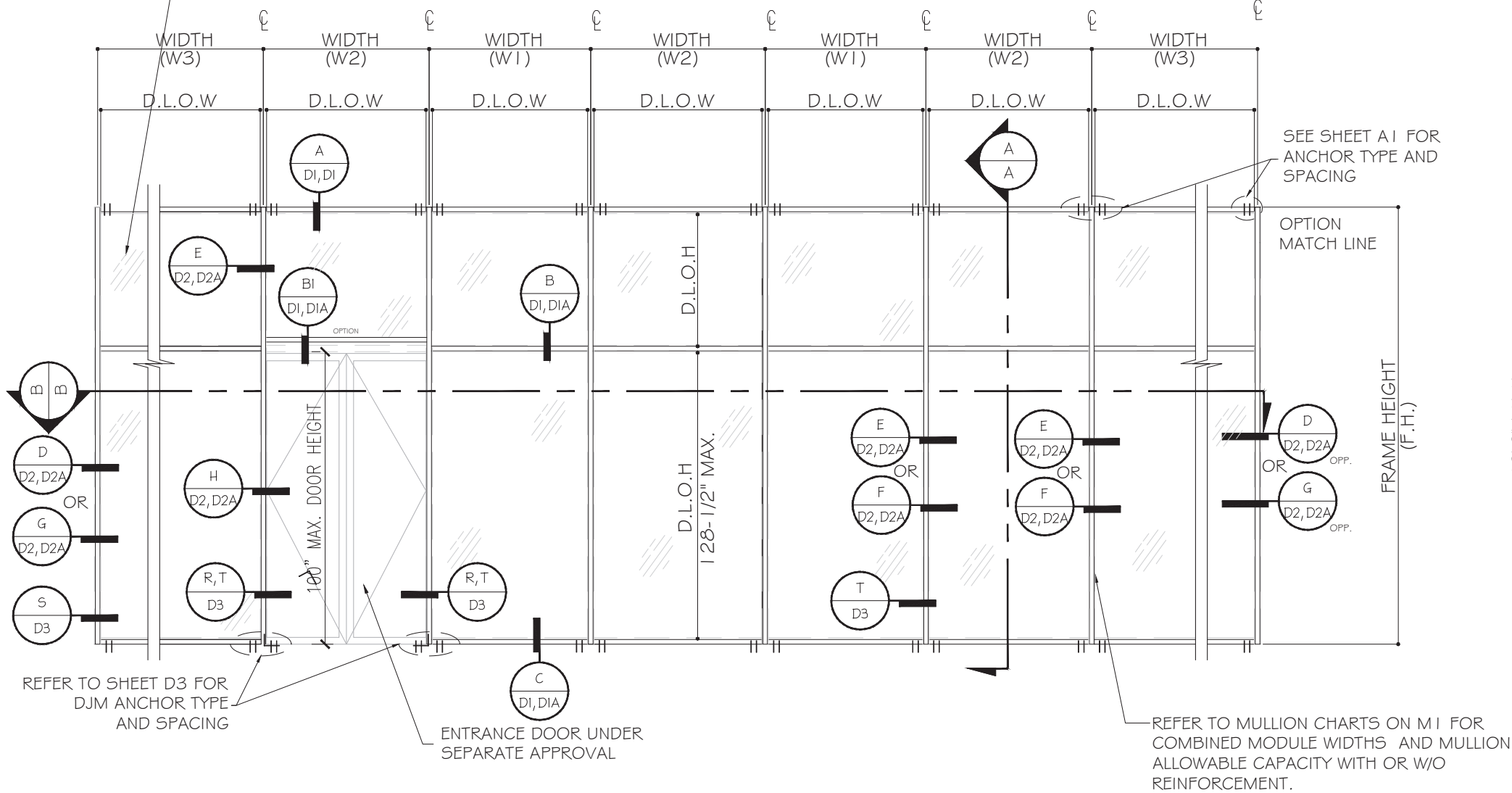
T600B WINDOW WALL (LMI & SMI)

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9195 BOGGY CREEK RD. #1
ORLANDO, FL 32824
PH: (407)-857-9237

COVER	
DATE	09.27.2026
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1 OF 16	

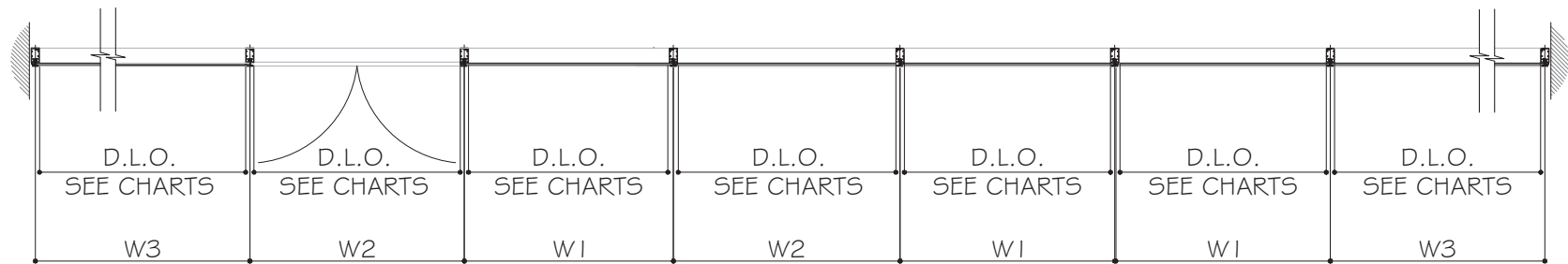
REFER TO GLASS CAPACITY CHART ON SHEET G1 FOR ALLOWABLE GLAZING TYPES AND MAXIMUM SIZES

NOTICE: OVERALL SQUARE FOOTAGE MUST NOT EXCEED MAXIMUM AREA OF TESTED GLAZING.



TYPICAL EXTERIOR ELEVATION

SECTION A-A



SECTION B-B

FLORIDA APPROVAL:
FL 32010.1

YIPING WANG
REGISTERED PROFESSIONAL ENGINEER
No. 55983
C.A.N. 3397

STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sep.27th, 2026

REVISIONS	
NO	DATE
R2	11.17.23
R3	09.27.26

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E1

DATE	09.27.2026
SCALE	AS SHOWN
DRAWN	James
PROJECT	19-085

DRAWING NO.
AD20-11

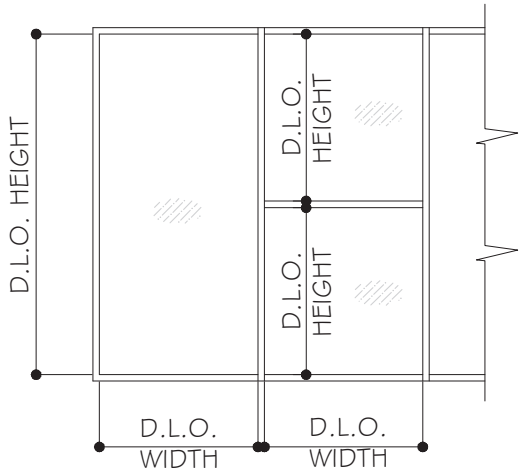
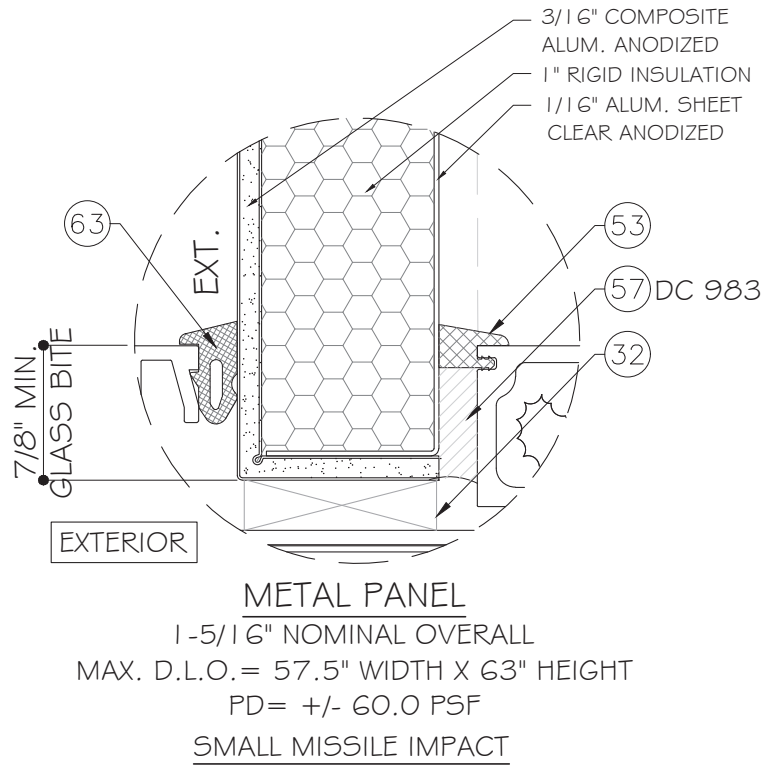
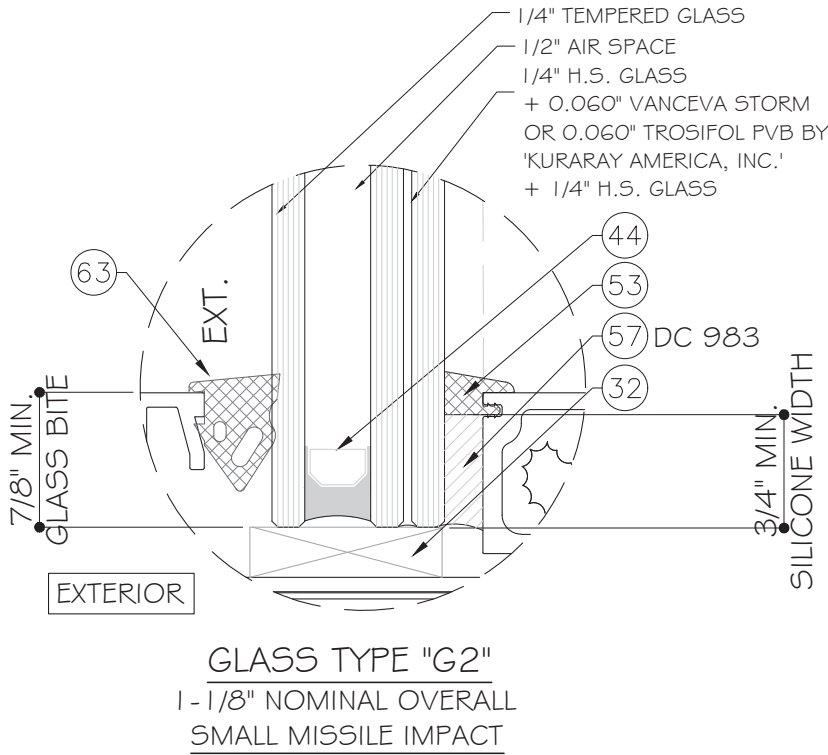
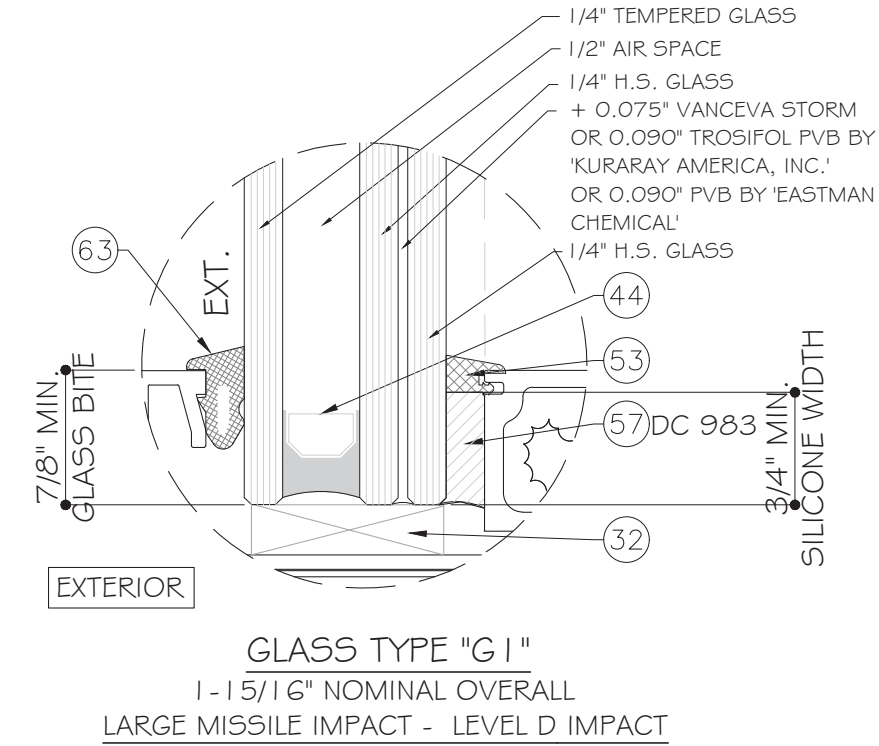
2 OF 16

CHART 1

GLASS DESIGN LOAD CAPACITY - (+/-) PSF			
DAYLIGHT OPENING SIZE		GLAZING TYPES	
DLO H. (IN)	DLO W. (IN)	G1 (LMI)	G2 (SMI)
62 1/4	57 1/2	60	60
	63 1/2	60	60
	69 1/2	60	60
68 1/4	51 1/2	60	60
	57 1/2	60	60
	63 1/2	60	60
74 1/4	45 1/2	60	60
	51 1/2	60	60
	57 1/2	60	60
80 1/4	39 1/2	60	60
	45 1/2	60	60
	51 1/2	60	60
86 1/4	39 1/2	60	60
	45 1/2	60	60
	49 1/2	60	60
92 1/4	33 1/2	60	60
	39 1/2	60	60
	45 1/2	60	60
98 1/4	33 1/2	60	60
	39 1/2	60	60
	43 1/2	60	60
104 1/4	33 1/2	60	60
	39 1/2	60	60
	41 1/2	60	60
110 1/4	27 1/2	60	60
	33 1/2	60	60
	39 1/2	60	60
116 1/4	27 1/2	60	60
	33 1/2	60	60
	37 1/2	60	60
122 1/4	27 1/2	60	60
	33 1/2	60	60
	35 1/2	60	60
128 1/4	27 1/2	60	60
	33 1/2	60	60

NOTE:
FOR EACH INDIVIDUAL GLASS PANEL, THE
DEFLECTION SHOULD BE LIMIT TO L/175 OR
3/4" WHICH ONE IS LESS.

NOTE:
GLASS COMPLIES WITH ASTM E1300-16
OR 24 (3 SEC. GUSTS).



REVISIONS	
NO	DATE
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R3	09.27.26

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3 OF 16	

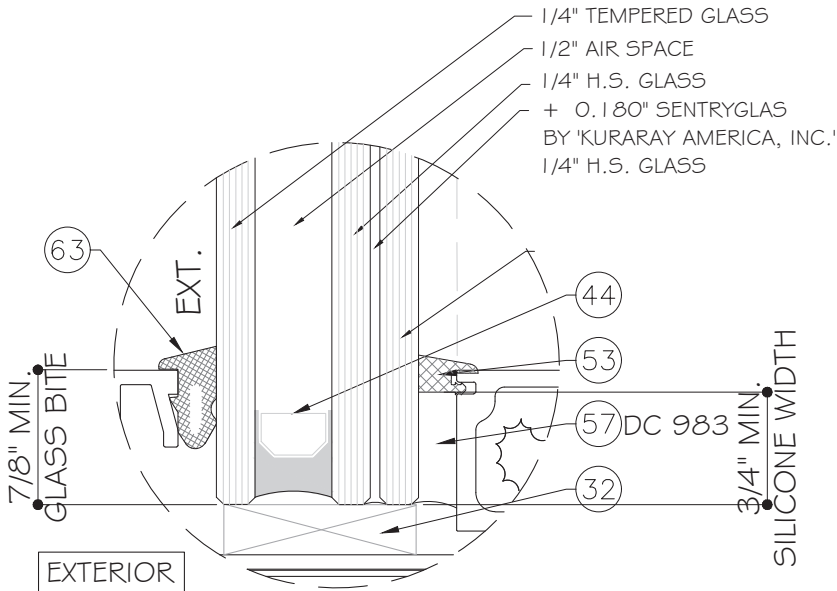
FLORIDA APPROVAL:
FL 32010.1

YIPING WANG
LICENSED PROFESSIONAL ENGINEER
No 55983
C.A.N. 33027

Sep.27th, 2026

CHART 1.1

GLASS DESIGN LOAD CAPACITY - (+/-) PSF		
DAYLIGHT OPENING SIZE		GLASS TYPE
DLO H. (IN)	DLO W. (IN)	G3 (LMI)
68 1/4	51 1/2	70
	57 1/2	70
	68 1/2	70
70	57 1/2	70
	63 1/2	70
	67	70
74 1/4	51 1/2	70
	57 1/2	70
	63 1/2	70
80 1/4	42 1/2	70
	48 1/2	70
	54 1/2	70
86 1/4	42 1/2	70
	48 1/2	70
	54 1/2	70
92 1/4	39 1/2	70
	45 1/2	70
	50 1/2	70
98 1/4	39 1/2	70
	45 1/2	70
	47 1/2	70
104 1/4	33 1/2	70
	39 1/2	70
	44 1/2	70
110 1/4	27 1/2	70
	33 1/2	70
	39 1/2	70
116 1/4	27 1/2	70
	33 1/2	70
	37 1/2	70
122 1/4	27 1/2	70
	33 1/2	70
	35 1/2	70
128 1/4	27 1/2	70
	33 1/2	70



GLASS TYPE "G3"
1 - 1 5/16" NOMINAL OVERALL
LARGE MISSILE IMPACT
- LEVEL E IMPACT

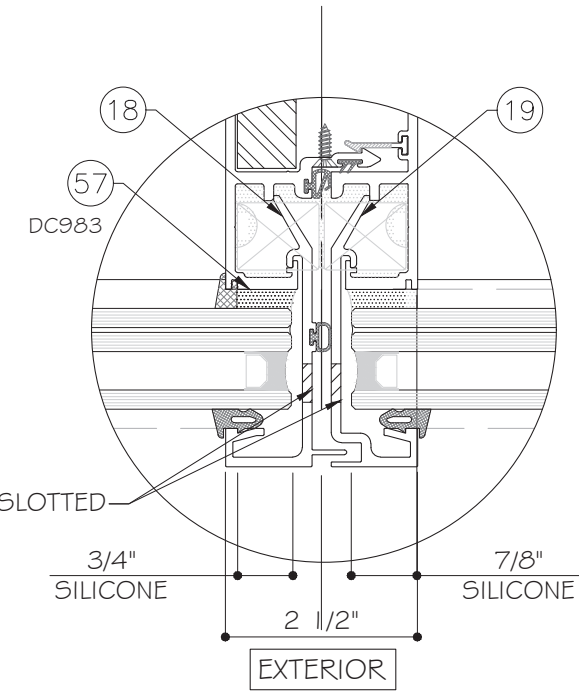
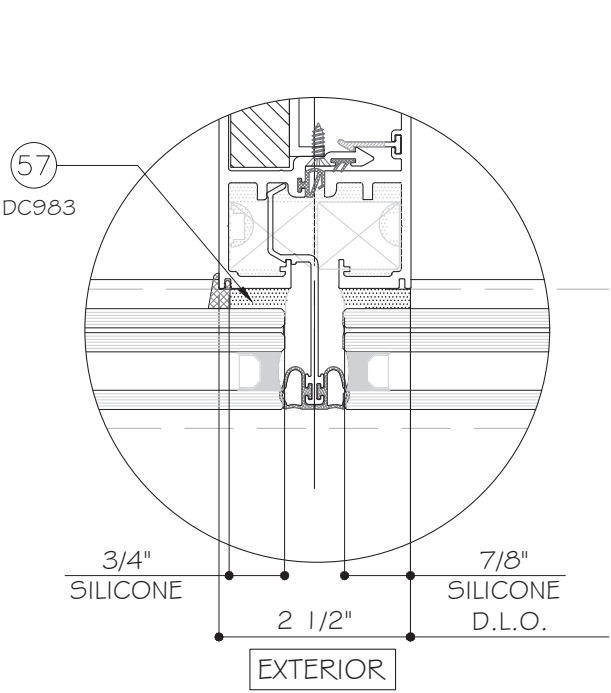
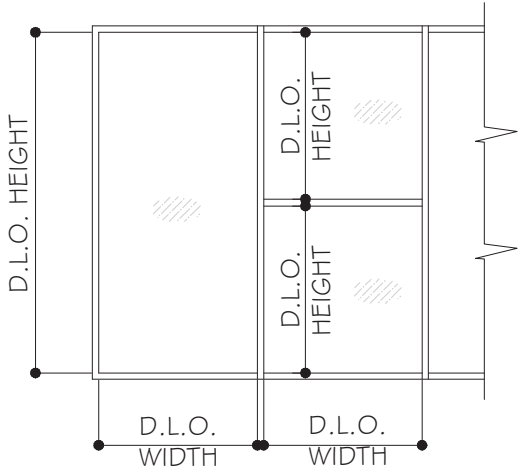
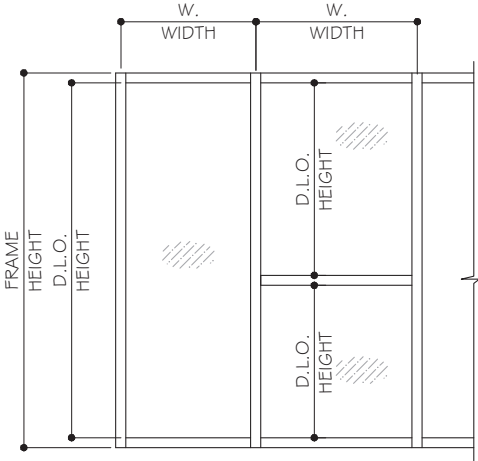


CHART 2: SILICONE CAPACITY

SILICONE WIDTH WIDTH(W) (IN)	ALLOWABLE CAPACITIES (PSF)	
	3/4"	7/8"
60.0	70.0	70.0
63.0	68.5	70.0
66.0	65.5	70.0
69.0	62.5	70.0
72.0	60.0	70.0



NOTE:
FOR EACH INDIVIDUAL GLASS PANEL, THE DEFLECTION SHOULD BE LIMIT TO L/175 OR 3/4" WHICH ONE IS LESS.

NOTE:
GLASS COMPLIES WITH ASTM E1300-16 OR 24 (3 SEC. GUSTS).

FLORIDA APPROVAL:
FL 32010.1

YIPING WANG
Professional Engineer
State of Florida
License No. 55983

Sep.27th, 2026

REVISIONS

NO	DATE	DESCRIPTION
R2	11.17.23	FBC 2023
R3	09.27.26	FBC 2026

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G2

DATE	09.27.2026
SCALE	AS SHOWN
DRAWN	James
PROJECT	19-085

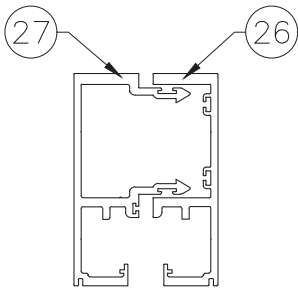
DRAWING NO.
AD20-11

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CHART 3 - MULLION & JAMB CAPACITIES

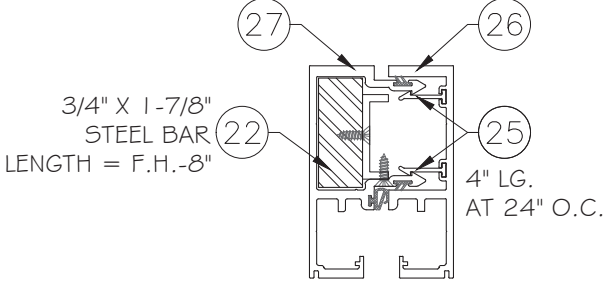
DESIGN LOAD CAPACITIES (PSF) WITH OR W/O HORIZONTAL			
NOMINAL DIMENSIONS		LMI & SMI	LMI & SMI
FRAME HEIGHT (in)	MULLION SPACING (W) - (in)	'M1' OR 'J1' LEVEL "D"	'M2' OR 'J1' LEVEL "D" & "E"
		(+/-)	(+/-)
84	36	60	70
	42	60	70
	48	60	70
	54	60	70
	60	60	70
	66	55	70
	72	50	68
90	54	56	70
	60	50	67
	66	46	61
	72	42	56
96	48	52	69
	54	46	62
	60	41	55
	66	37	50
102	72	34	46
	42	49	66
	48	43	58
	54	38	51
108	60	34	46
	66	31	42
	72	29	39
	30	60	70
	36	48	65
	42	41	56
	48	36	49
114	54	32	43
	60	29	39
	66	26	35
	72	24	32
	30	49	66
	36	41	55
	42	35	47
120	48	31	41
	54	27	37
	60	25	33
	66	22	30
	72	21	28
	30	42	57
	36	35	47
126	42	30	41
	48	26	35
	54	23	32
	60	21	28
	66	-	26
	72	-	24
	30	36	49
132	36	30	41
	42	26	35
	48	23	31
	54	20	27
	60	-	25
138	66	-	22
	72	-	20
	-	-	20

DESIGN LOAD CAPACITIES (PSF) WITH OR W/O HORIZONTAL			
NOMINAL DIMENSIONS		LMI & SMI	LMI & SMI
FRAME HEIGHT (in)	MULLION SPACING (W) - (in)	'M1' OR 'J1' LEVEL "D"	'M2' OR 'J1' LEVEL "D" & "E"
		(+/-)	(+/-)
132	30	32	43
	36	26	36
	42	23	30
	48	20	27
	54	-	24
	60	-	21
	30	--	37
138	36	--	31
	42	--	27
	48	--	23
	54	--	21
144	30	--	33
	36	--	27
	42	--	23
	48	--	21
150	30	--	29
	36	--	24
	42	--	21
156	30	--	26
	36	--	22
162	42	--	18
	-	-	-



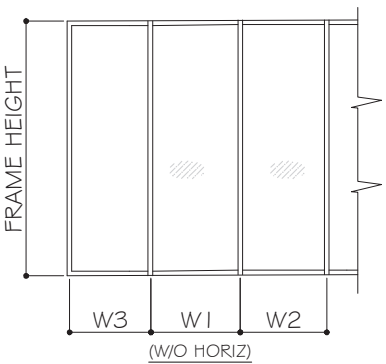
MULLION (M1) JAMB (J1)

M1, J1	Ix IN^4	Sx IN^3
26 CTW-11130	1.5771	0.8485
27 CTW-11129	1.8871	0.9522
TOTAL	3.4642	1.7479



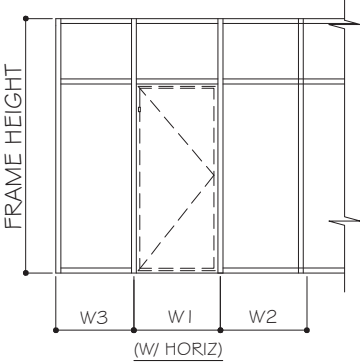
MULLION (M2)

M1, J1	Ix IN^4	Sx IN^3
26 CTW-11130	1.5771	0.8485
27 CTW-11129	1.8871	0.9522
22 STL. BAR	0.4120	0.4395
TOTAL	4.6590	(IN ALUM.)
Ix ALUM +STL x 2.9		



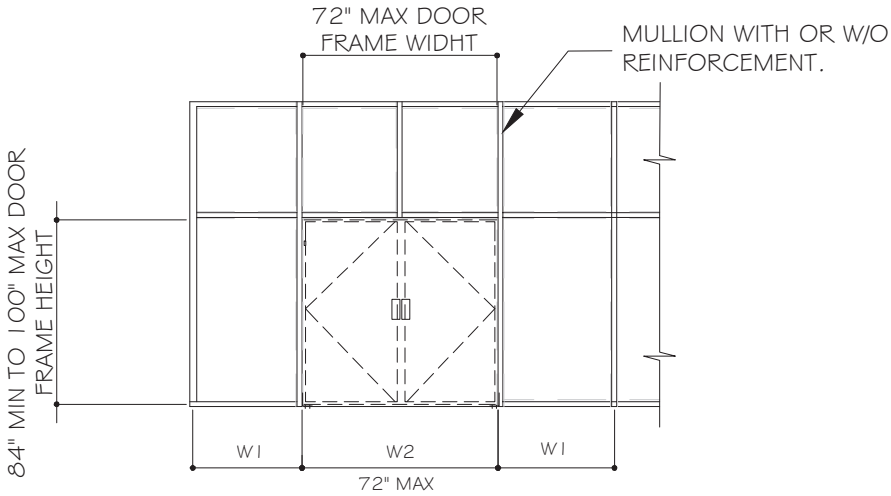
WIDTH (W) = $\frac{W1+W2}{2}$ OR $\frac{W3+W1}{2}$
AT MULLION

WIDTH (W) = W3
AT JAMB

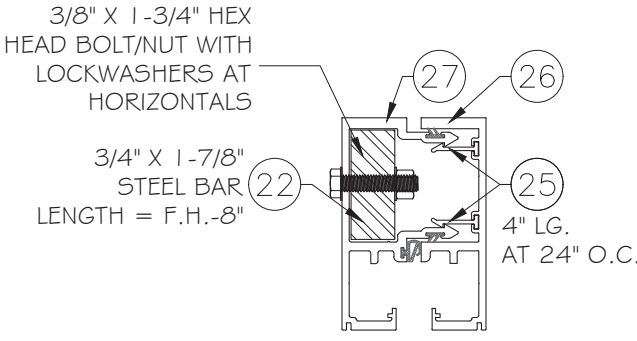


WIDTH (W) = $\frac{W1+W2}{2}$ OR $\frac{W3+W1}{2}$
AT MULLION

WIDTH (W) = W3
AT JAMB



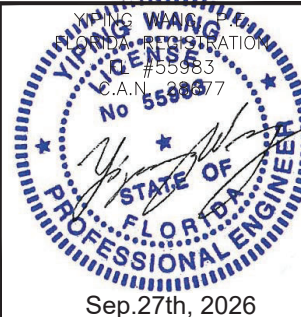
WIDTH (W) = $\frac{W1+W2}{2}$
AT MULLION



MULLION (M2)

M1, J1	Ix IN^4	Sx IN^3
26 CTW-11130	1.5771	0.8485
27 CTW-11129	1.8871	0.9522
22 STL. BAR	0.4120	0.4395
TOTAL	4.6590	(IN ALUM.)
Ix ALUM +STL x 2.9		

FLORIDA APPROVAL:
FL 32010.1



REVISIONS	
NO	DATE
R2	11.17.23
R3	09.27.26

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M1	
DATE	09.27.2026
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PROJECT	19-085

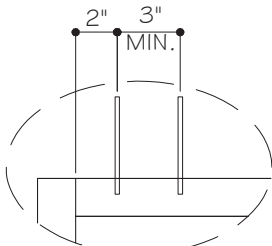
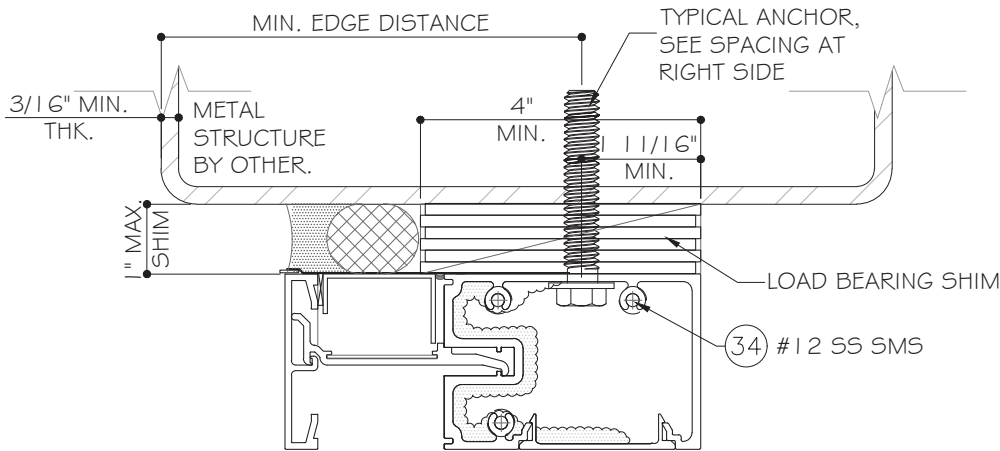
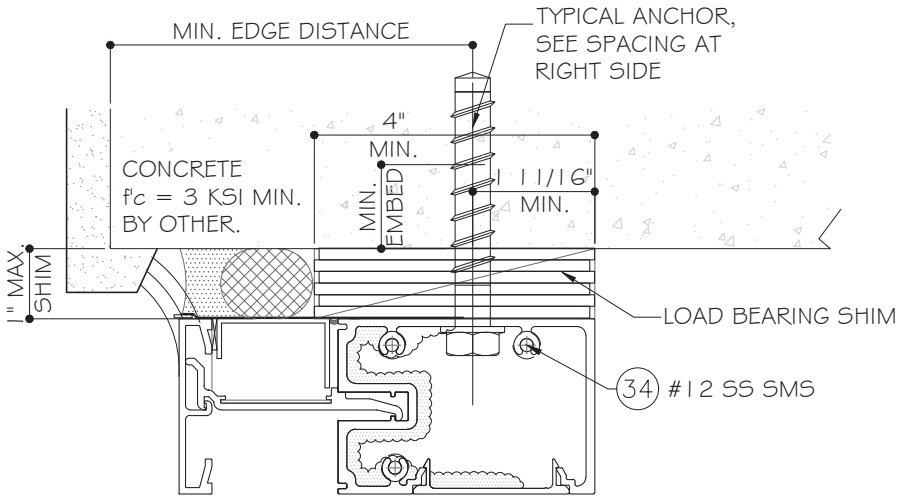
DRAWING NO.
AD20-11

TYPICAL ANCHORS AT HEAD AND SILL:

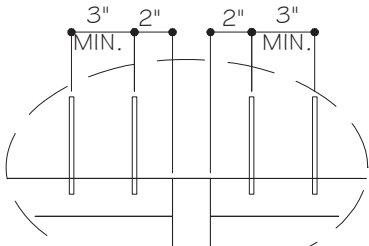
TYPE "A": 3/8" DIA. HILTI KWIK HUS-EZ ($F_u = 123 \text{ KSI}$, $F_y = 96 \text{ KSI}$)
2.5" MIN. EMBED DIRECTLY INTO $f_c=3 \text{ KSI}$ MIN. CONCRETE
2-1/2" MIN. EDGE DISTANCE
@ 3" MIN. O.C.

TYPE "B": 3/8" DIA. ELCO TAP-FLEX ($F_u = 120 \text{ KSI}$, $F_y = 92 \text{ KSI}$)
DIRECTLY INTO 3/16" MIN. THK. METAL STRUCTURE (ALUM. 6063-T5) MIN
OR STEEL STRUCTURE (A36 MIN)
1-1/2" MIN. EDGE DISTANCE @ 3" MIN. O.C.

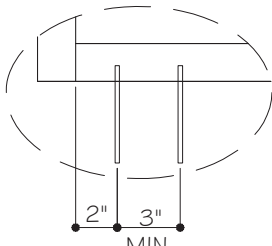
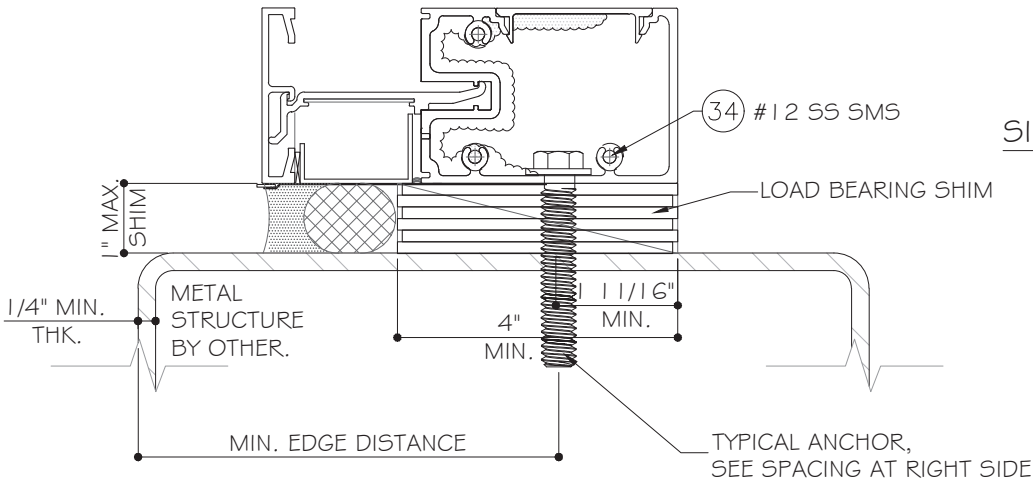
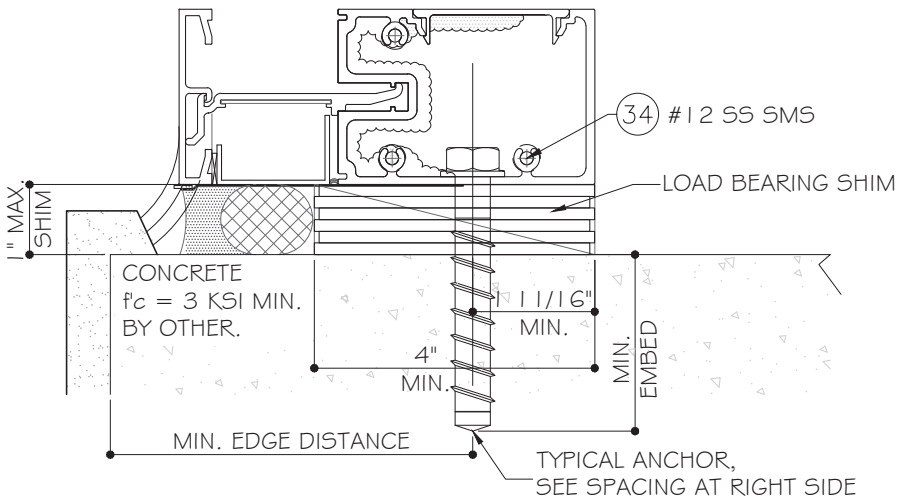
NOTE:
1. FOR ANCHOR CONDITION DIFFERENT TO APPROVED, TO BE ENGINEERED SEPARATELY.
2. METAL STRUCTURE BY OTHERS TO BE DESIGNED AND ANCHORED PROPERLY TO TRANSFER THE LOAD FROM GLAZING SYSTEM TO BUILDING STRUCTURE.



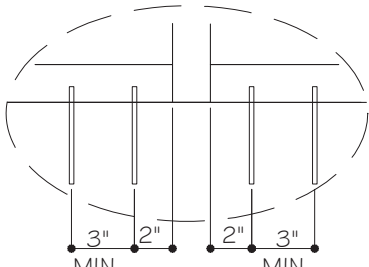
HEAD ANCHOR TYPE "A" OR "B"
AT JAMB



HEAD ANCHOR TYPE "A" OR "B"
AT MULLION



SILL ANCHOR TYPE "A" OR "B"
AT JAMB



SILL ANCHOR TYPE "A" OR "B"
AT MULLION

ANCHOR OPTION 1 : DIRECTLY ANCHOR

FLORIDA APPROVAL:
FL 32010.1

YIPING WANG
Professional Engineer
No. 55983
C.A.N. 33377

Sep.27th, 2026

REVISIONS	
NO	DESCRIPTION
R2	11.17.23 FBC 2023
R3	09.27.26 FBC 2026

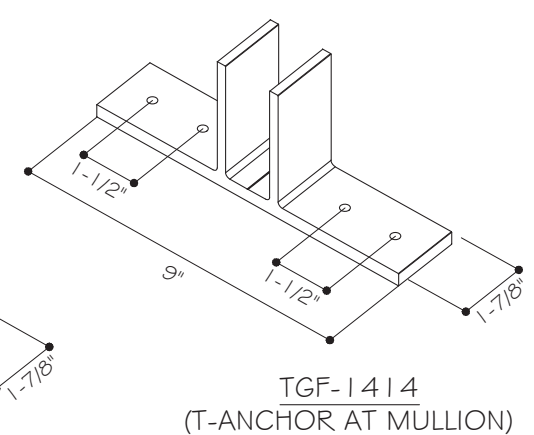
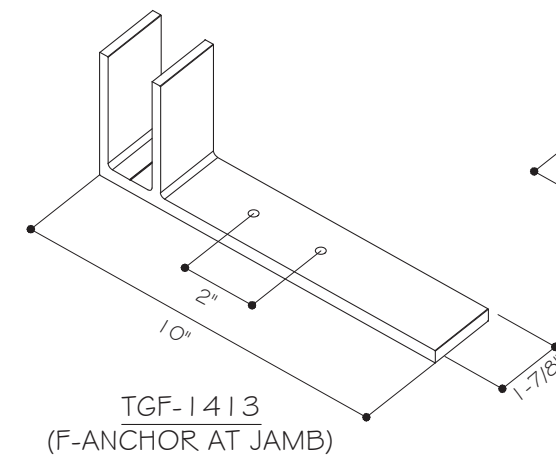
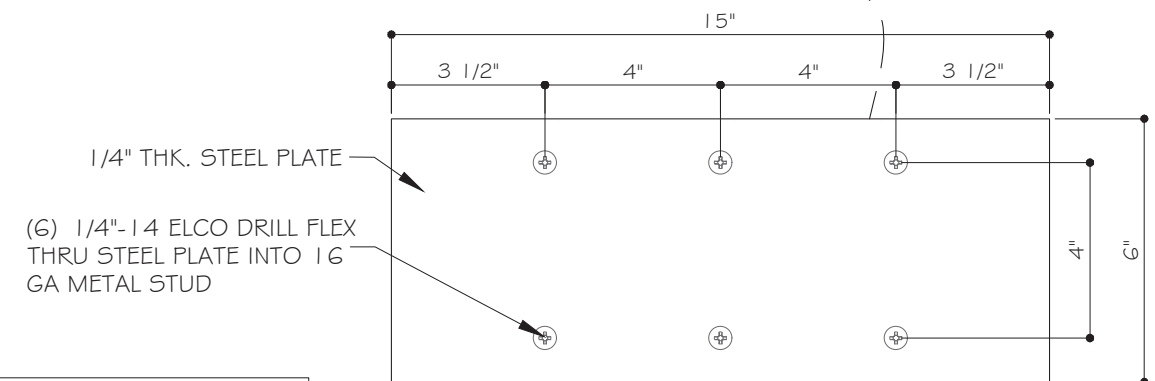
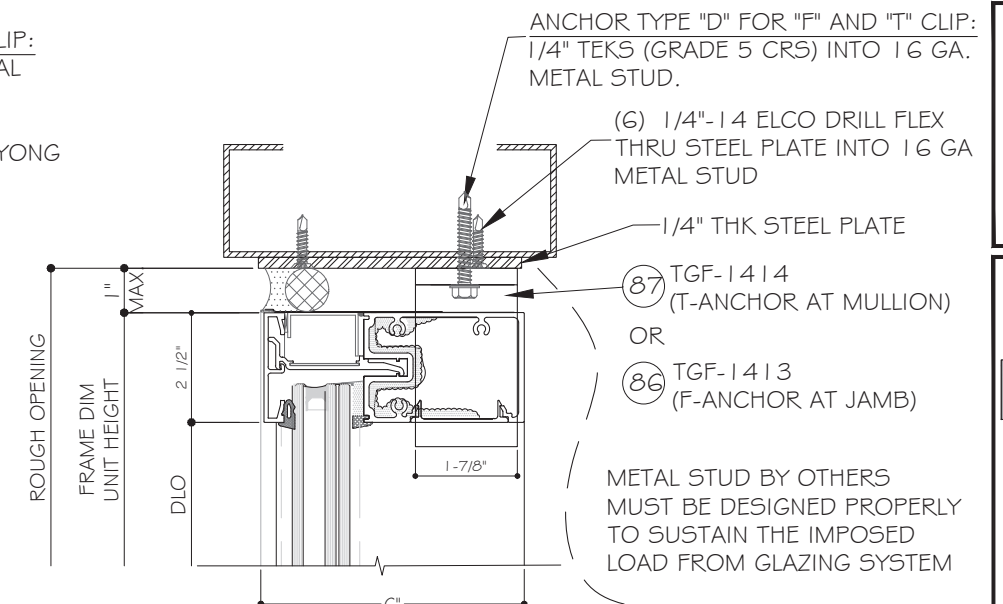
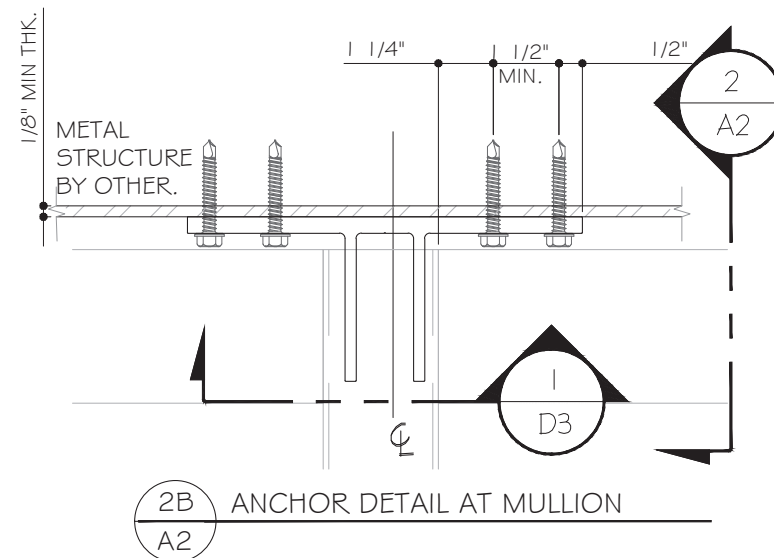
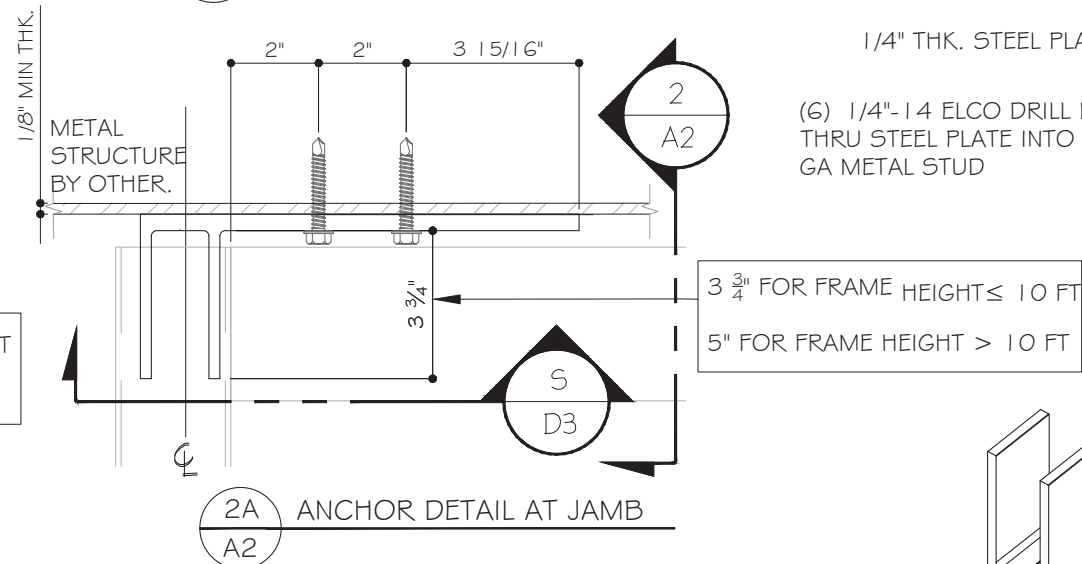
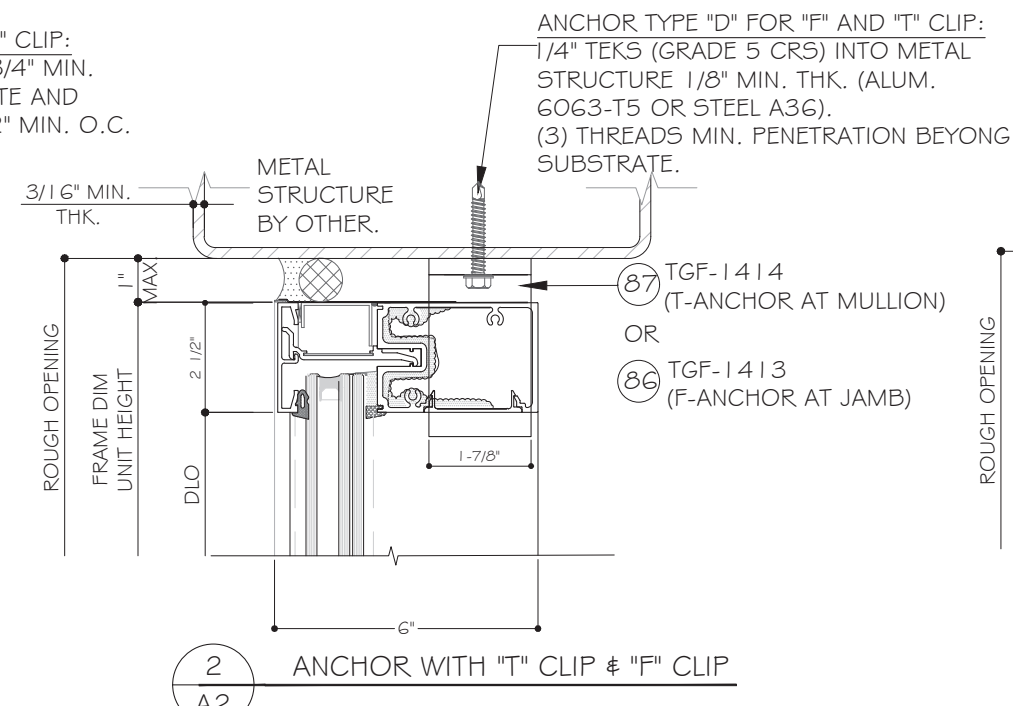
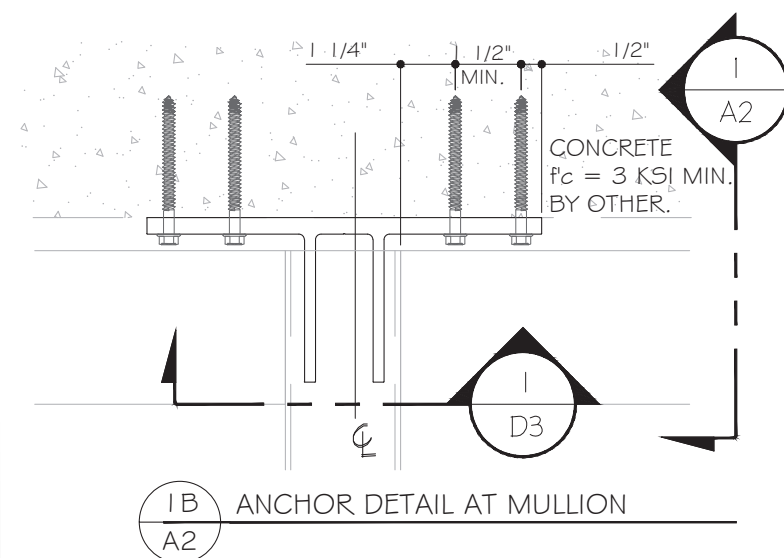
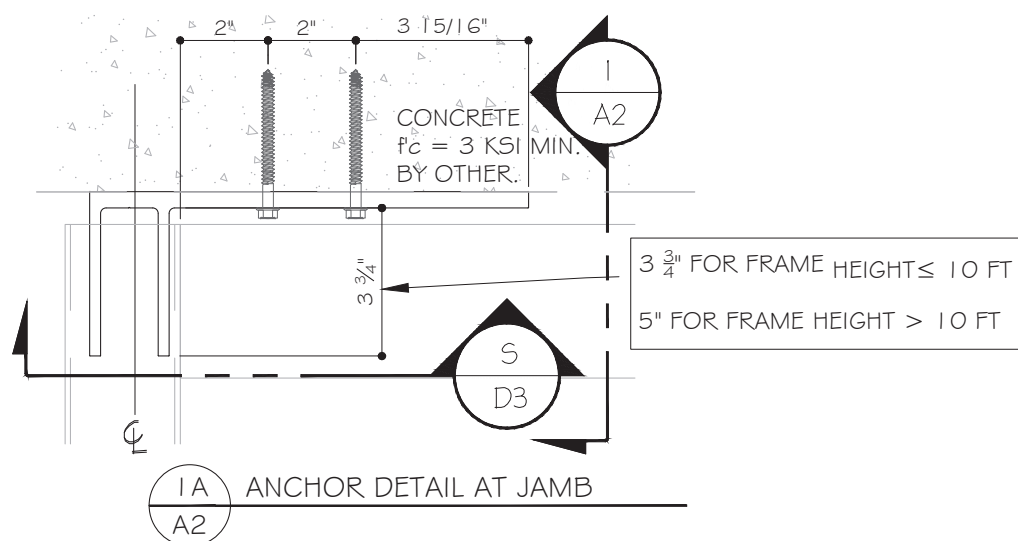
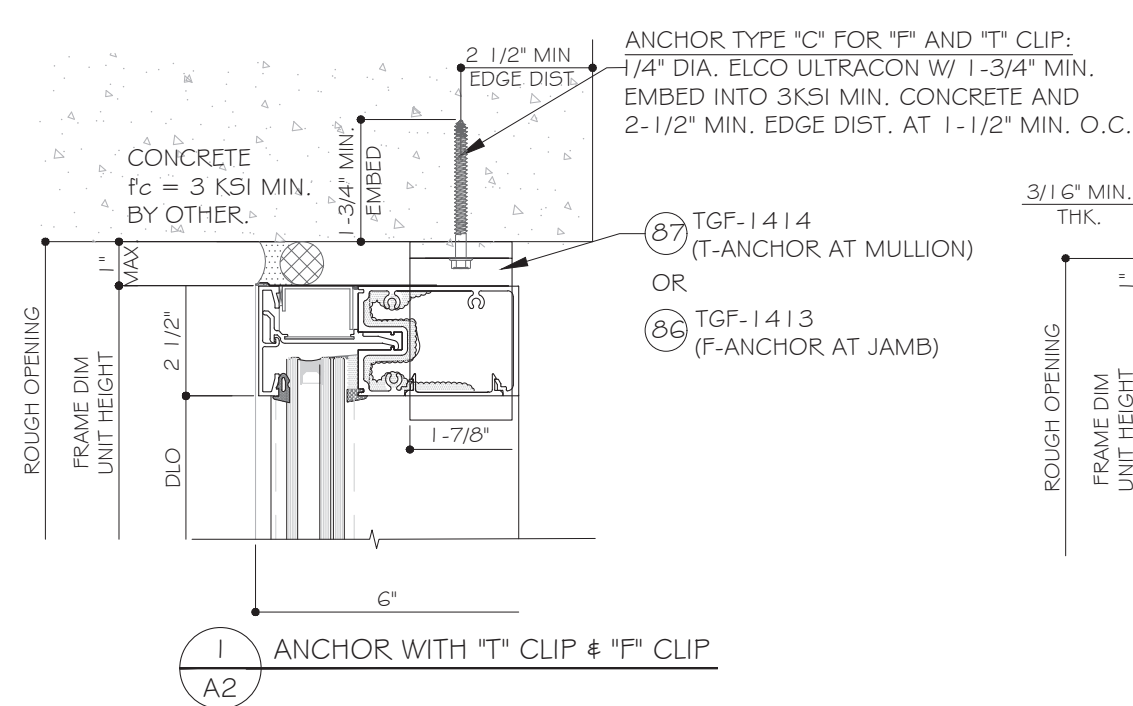
MCY
Engineering, Inc.
GLAZING CONSULTANTS

12871 MIRAMAR PKWY STE. 301
MIRAMAR, FL 33027
P: 305.588.5224
www.MCYEngineering.com
mcy@mcyengineering.com

T600B WINDOW WALL (LMI & SMI)

CT WINDOWS d.b.a. ARCHITECTURAL ALUMINUM TECHNIQUES
9195 BOGGY CREEK RD. #1
ORLANDO, FL 32824
PH: (407)-857-9237

A1	
DATE	09.27.2026
SCALE	AS SHOWN
DRAWN	James
PROJECT	19-085
DRAWING NO. AD20-11	
6 OF 16	



NOTE:
- ONLY SHOW HEAD ANCHORS, SILL ANCHORS SIMILAR.
- STEEL STRUCTURE BY OTHERS TO BE DESIGNED AND ANCHORED PROPERLY TO TRANSFER THE LOAD TO BUILDING STRUCTURE

ANCHOR OPTION 2: ANGLE CLIP ANCHORS

REVISIONS		
NO	DATE	DESCRIPTION
R2	11.17.23	FBC 2023
R3	09.27.26	FBC 2026

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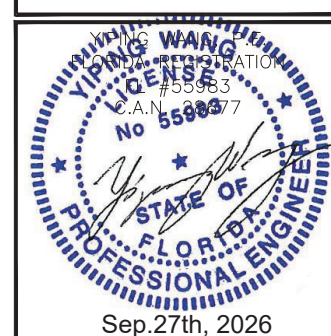
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ORLANDO, FL 32824

PH: (407)-857-9237

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FLORIDA APPROVAL:
FL 32010.1



A2

DATE	09.27.2026
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SCALE	AS SHOWN
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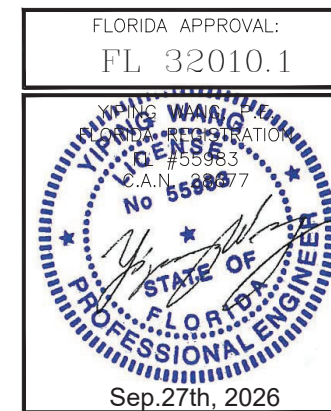
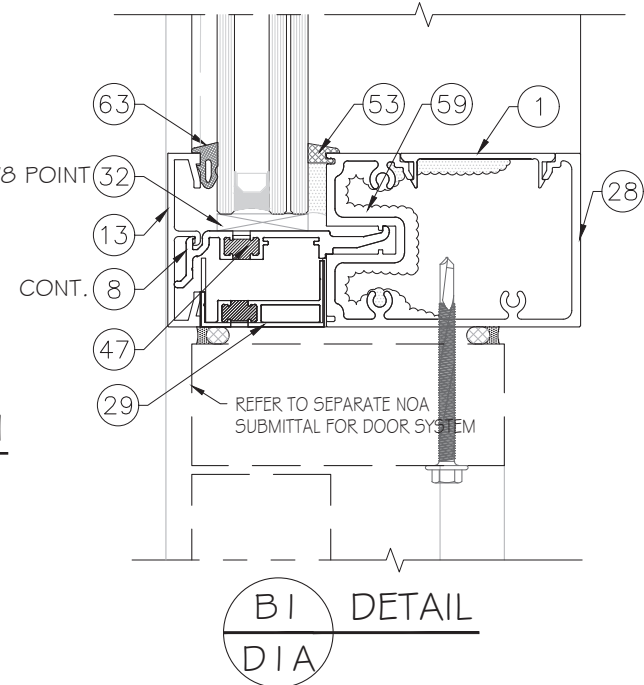
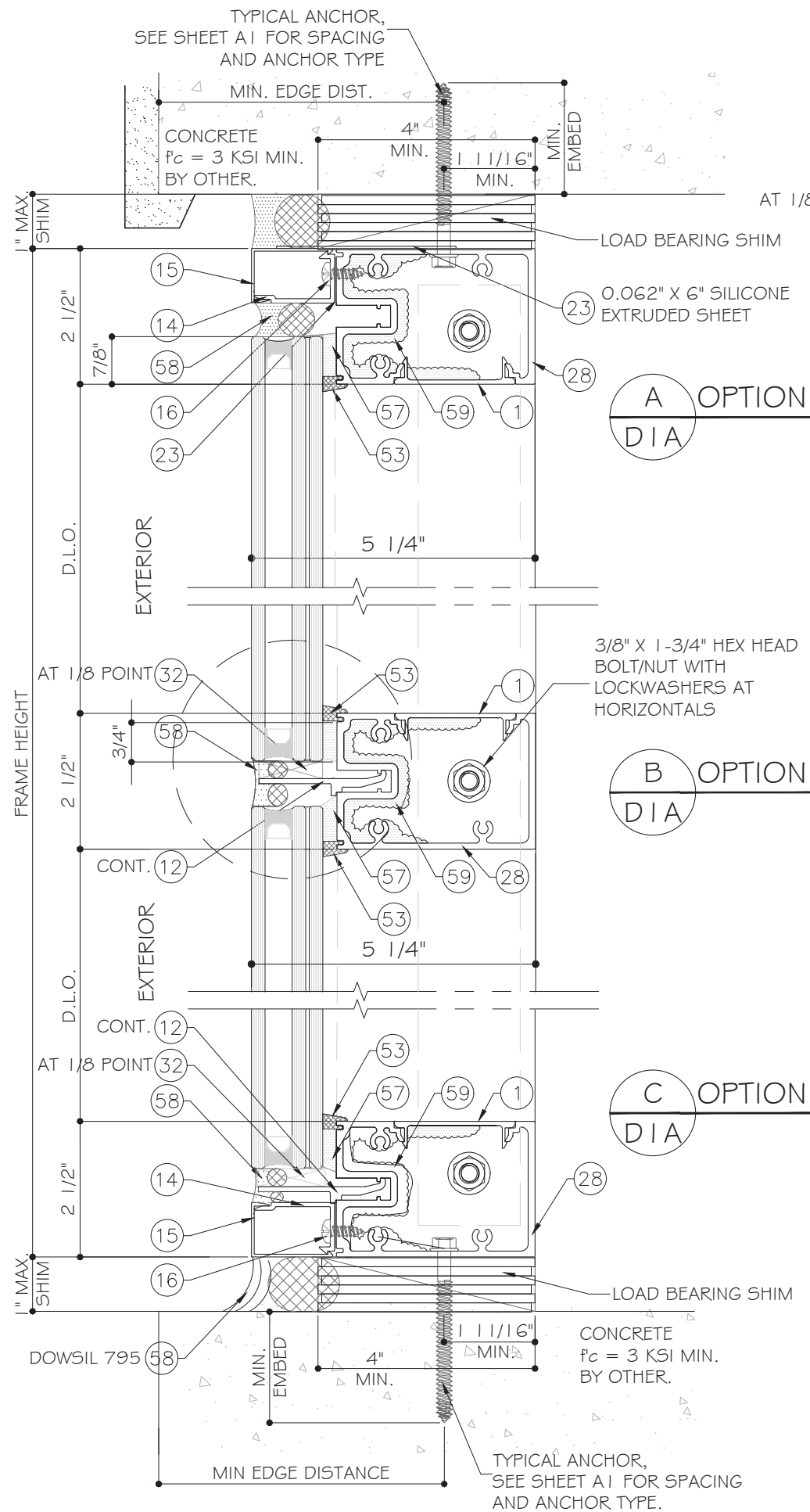
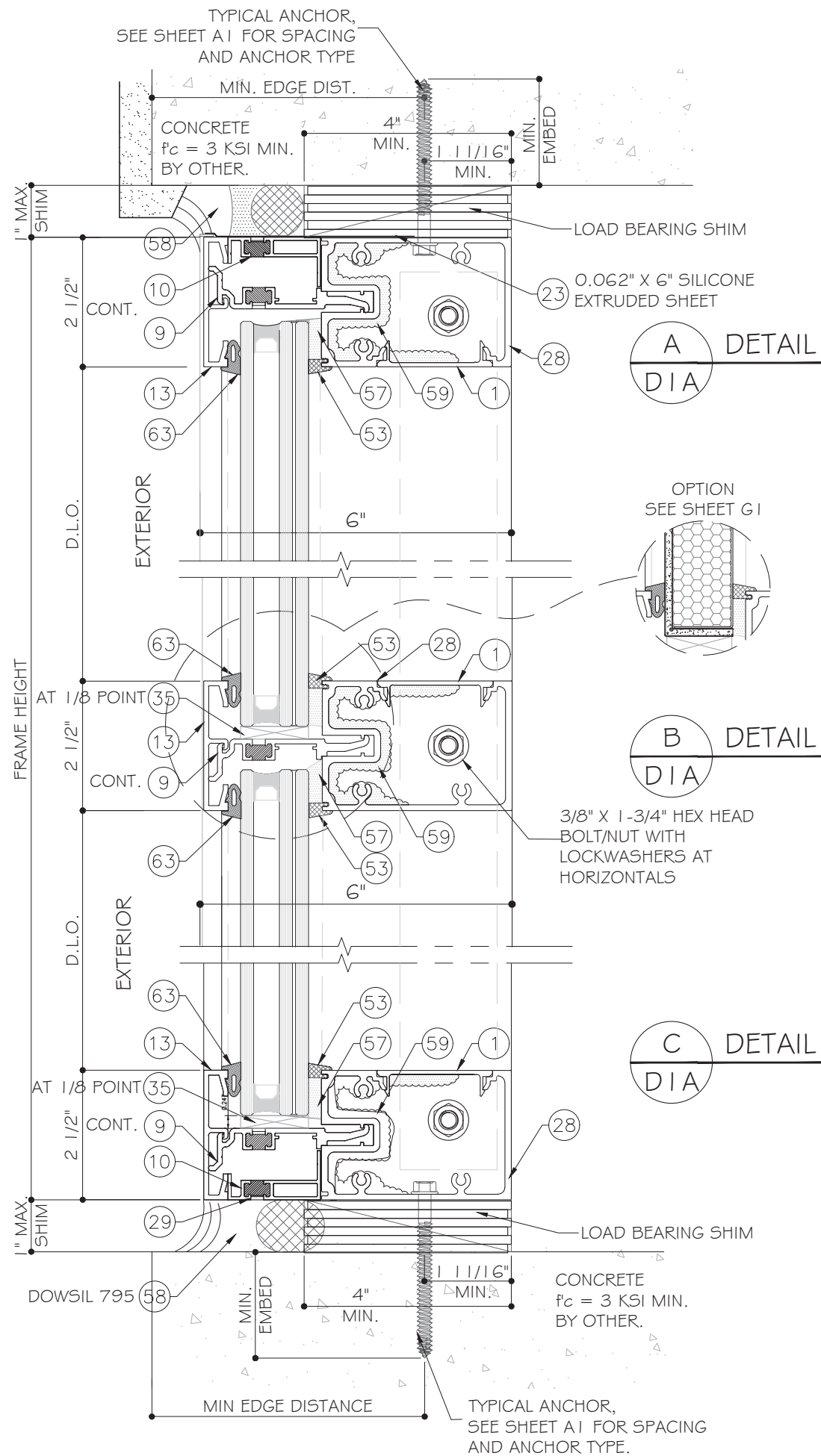
DRAWN	James
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PROJECT	19-085
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DRAWING NO.

AD20-11

7 OF 16



REV	DATE	DESCRIPTION
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R3	09.27.26	FBC 2026

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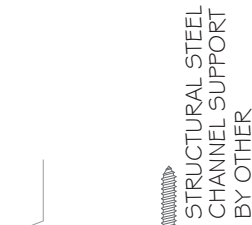
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www.MCYEngineering.com mcy@mcyengineering.com

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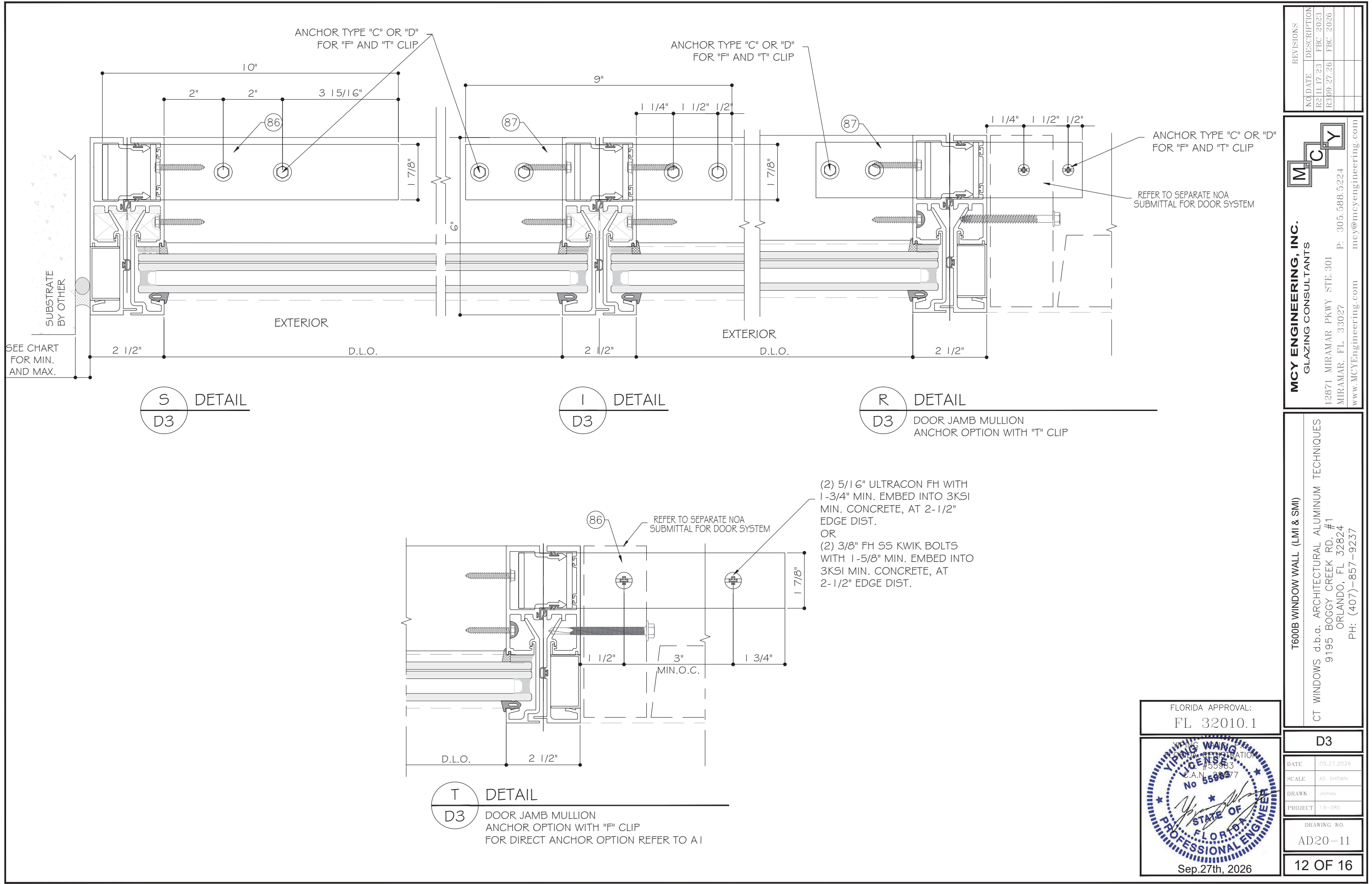
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DATE	09.27.2026
SCALE	AS SHOWN
DRAWN	James
PROJECT	19-085
DRAWING NO.	AD20-11
9 OF 16	



D2	
DATE	09.27.2026
SCALE	AS SHOWN
RAWN	James
PROJECT	19-085
DRAWING NO.	
AD20-11	
10 OF 16	



1 OF 16



S
D3
DETAIL

I
D3
DETAIL

R
D3
DETAIL
DOOR JAMB MULLION
ANCHOR OPTION WITH "T" CLIP

T
D3
DETAIL
DOOR JAMB MULLION
ANCHOR OPTION WITH "F" CLIP
FOR DIRECT ANCHOR OPTION REFER TO A1

REVISIONS	
NO	DATE
R2	11.17.23
R3	09.27.26

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ORLANDO, FL 32824
PH: (407)-857-9237

D3	
DATE	09.27.2026
SCALE	AS SHOWN
DRAWN	James
PROJECT	19-085

DRAWING NO.
AD20-11

FLORIDA APPROVAL:
FL 32010.1

YIPING WANG
REGISTERED PROFESSIONAL ENGINEER
No. 55983
C.A.N. 3337

Sep.27th, 2026

1 HORIZONTAL FILLER
CTW-1224 ALUM. 6063-T6

5 MALE CLOSURE
TGF-1311 ALUM. 6063-T6

6 FEMALE CLOSURE
TGF-1312 ALUM. 6063-T6

8 1-5/16" CAPTURED GLAZING ADAPTOR
TGF-1315 ALUM. 6063-T6

11 ALUMINUM WEATHER STRIP ADAPTER
TGF-1318 ALUM. 6063-T6

12 INTERMEDIATE HORIZONTAL SETTING CHAIR
TGF-1319A ALUM. 6063-T6

13 GLAZING COVER
TGF-1331 ALUM. 6063-T6

14 SSG PERIMETER FILLER HALF
WLB-2002 ALUM. 6063-T6

15 SSG PERIMETER FILLER FACE
WLB-2003 ALUM. 6063-T6

21 CHANNEL REINFORCEMENT
ALUM. 6063-T6

25 MULLION CLIP
CTW-1117 ALUM. 6063-T6

30 ALUMINUM PER. POCKET FILLER
CTW-162335 ALUM. 6063-T6

26 FRAME JAMB / FEMALE VERTICAL MULLION
CTW-1130 ALUM. 6063-T6

27 FRAME JAMB / MALE VERTICAL MULLION
CTW-1129 ALUM. 6063-T6

28 FRAME HEAD, SILL AND HORIZONTAL MULLION
CTW-1223 ALUM. 6063-T6

29 ALUMINUM PER. POCKET FILLER
CTW-1350 ALUM. 6063-T6

33 DOWSIL 123 SILICONE WATER BARRIER
DC123 SILICONE

86 "F" ANCHOR
TGF-1413 ALUM. 6005-T5

87 "T" ANCHOR
TGF-1414 ALUM. 6005-T5

REVISIONS	
NO	DATE
R2	11.17.23
R3	09.27.26

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FLORIDA APPROVAL:
FL 32010.1

YIPING WANG
REGISTERED PROFESSIONAL ENGINEER
FL #55983
C.A.N. #59877

STATE OF FLORIDA
PROFESSIONAL ENGINEER

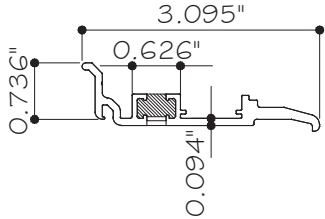
Sep.27th, 2026

PART-1

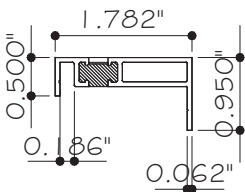
DATE	09.27.2026
SCALE	AS SHOWN
DRAWN	James
PROJECT	19-085

DRAWING NO.
AD20-11

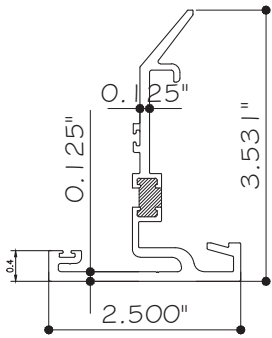
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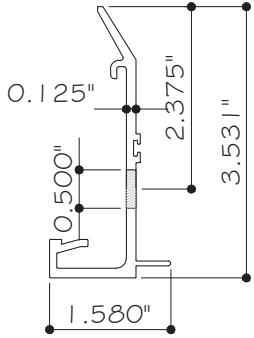
9 THERMAL HORIZ. CAP ADOPTOR
CTW-1382 ALUM. 6063-T6



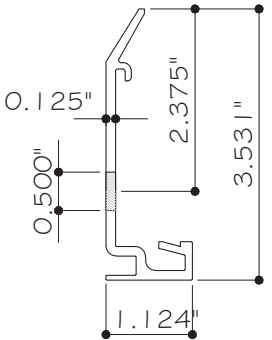
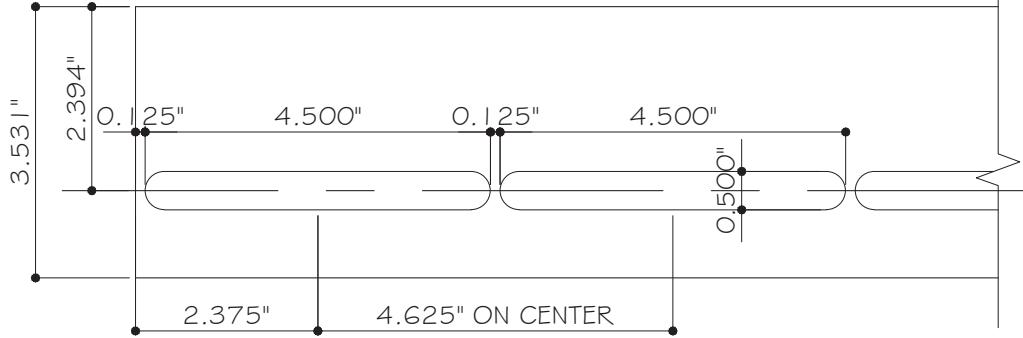
10 THERMAL FILLER
CTW-1386 ALUM. 6063-T6



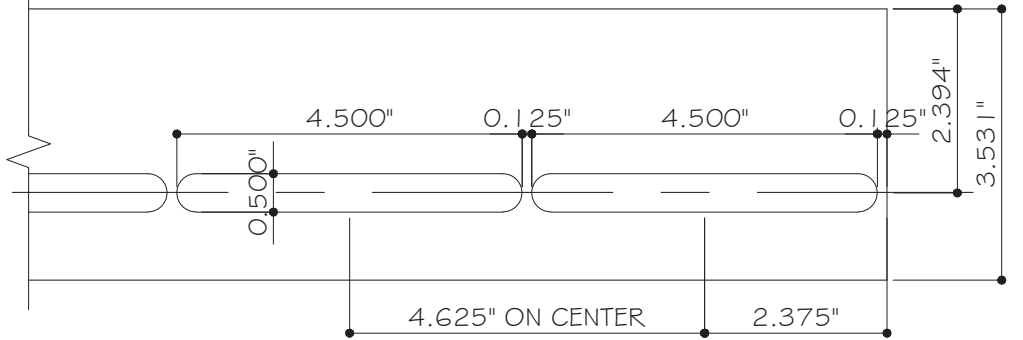
17 THERMAL JAMB CAP
TGF-1381 ALUM. 6063-T6



18 MALE CLOSURE (SLOTTED)
TGF-1311 ALUM. 6063-T6



19 FEMALE CLOSURE (SLOTTED)
TGF-1312 ALUM. 6063-T6



FLORIDA APPROVAL:
FL 32010.1

YIPING WANG
REGISTERED PROFESSIONAL ENGINEER
#55983
C.A.N. 33077
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Sep.27th, 2026

REVISIONS	
NO	DATE
R2	11.17.23
R3	09.27.26
DESCRIPTION	
FBC 2023	
FBC 2026	

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

12871 MIRAMAR PKWY STE. 301
MIRAMAR, FL 33027
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mcy@mcyengineering.com

T600B WINDOW WALL (LMI & SMI)

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9195 BOGGY CREEK RD. #1
ORLANDO, FL 32824
PH: (407)-857-9237

PART-2	
DATE	09.27.2026
SCALE	AS SHOWN
DRAWN	James
PROJECT	19-085

DRAWING NO.
AD20-11

BILL OF MATERIALS				
ITEM	PART	DESCRIPTION	MATERIAL	REMARKS
1	CTW-1224	HORIZONTAL FILLER AT HEAD AND INTERMEDIATE	ALUM. 6063-T6	BONNELL
5	TGF-1311	MALE CLOSURE FOR 1-5/16" GLAZING	ALUM. 6063-T6	BONNELL
6	TGF-1312	FEMALE CLOSURE FOR 1-5/16" GLAZING	ALUM. 6063-T6	BONNELL
7	TGF-1313	HEAD AND INTER. HORIZONTAL COVER CAP ADAPTOR	ALUM. 6063-T6	BONNELL
8	TGF-1315	1-5/16" CAPTURED GLAZING ADAPTOR	ALUM. 6063-T6	BONNELL
9	CTW-1382	HEAD/HORIZ. COVER CAP THERMAL ADOPTOR	ALUM. 6063-T6	BONNELL
10	CTW-1386	THERMAL FILLER	ALUM. 6063-T6	BONNELL
11	TGF-1318	ALUMINUM WEATHER STRIP ADAPTOR	ALUM. 6063-T6	BONNELL
12	TGF-1319A	INTERMEDIATE HORIZONTAL SETTING CHAIR	ALUM. 6063-T6	BONNELL
13	TGF-1331	GLAZING COVER	ALUM. 6063-T6	BONNELL
14	WLB-2002	SSG PERIMETER FILLER HALF	ALUM. 6063-T6	BONNELL
15	WLB-2003	SSG PERIMETER FILLER FACE	ALUM. 6063-T6	BONNELL
16	-	#12x5/8" PH SMS	ZINC PLATED STEEL	-
17	CTW1381	THERMAL JAMB COVER CAP	ALUM. 6063-T6	BONNELL
18	TGF-1311	THERMAL MALE MULLION CAP COVER (SLOTTED)	ALUM. 6063-T6	BONNELL
19	TGF-1312	THERMAL FEMAL MULLION CAP COVER (SLOTTED)	ALUM. 6063-T6	BONNELL
21	-	CHANNEL REINFORCEMENT (1-1/2" x 7/16" x 1/8")	ALUM. 6063-T6	-
22	-	STEEL REINFORCING BAR (3/4" x 1-7/8")	STEEL	-
23	-	SILICONE EXTRUDED SHEET	SILICONE	DOWSIL
25	CTW-1117	MULLION CLIP (4" LG. @ 24" O.C.)	ALUM. 6063-T5	BONNELL
26	CTW-1130	FRAME JAMB / FEMALE VERTICAL MULLION	ALUM. 6063-T6	MI METALS, INC.
27	CTW-1129	FRAME JAMB / MALE VERTICAL MULLION	ALUM. 6063-T6	MI METALS, INC.
28	CTW-1223	FRAME HEAD AND SILL / HORIZONTAL MULLION	ALUM. 6063-T6	MI METALS, INC.
29	CTW-1350	ALUMINUM PERIMETER POCKET FILLER	ALUM. 6063-T6	BONNELL
30	162335	PRESSURE PLATE	ALUM. 6063-T6	KAWNEER
32	SB-1	SETTING BLOCK (5/16" x 1-1/4" x 4" LG.) (2) PER D.L.O. AT 1/8 POINTS	EPDM 70 DURO	TREMCO
33	DC123	WATER BARRIER	SILICONE	DOWSIL
34	FS-1	#12-14 X 1-1/2" HWH SMS	ZINC PLATED STEEL	-
35	SB-2	SETTING BLOCK (1/4" x 1-1/4" x 4" LG.) (2) PER D.L.O. AT 1/8 POINTS		
43	F27	#14 x 2" LG. HWH SDS	ZINC PLATED STEEL	VARIES
44	-	SPACER	ALUMINUM	ALL METAL, INC.
46	AP-1	END DAM	METAL	C.T. WINDOWS
47	AP-2	END ALUMINUM WATER DIVERTER (0.040" x 1-9/16" x 2" LG.)	METAL	C.T. WINDOWS
49	G1	PRESET WIPER GASKET	EPDM 70 DURO	TREMCO
50	G2	PRESET AIR SEAL BULB GASKET	EPDM 70 DURO	TREMCO
51	G3	PRESET RUN SCREEN GASKET	EPDM 70 DURO	TREMCO
53	TR-5796	GASKET	EPDM 70 DURO	TREMCO
54	G6	PRESET GLASS EDGE BULB GASKET	EPDM 70 DURO	TREMCO
57	S1	DOWSIL 983 OR PROGLAZE II + BASE	SILICONE	DOWSIL / TREMCO
58	S2	DOWSIL 795 OR SPECTRUM 2	SILICONE	DOWSIL / TREMCO
59	S3	DOWSIL 791 OR SPECTRUM 1	SILICONE	DOWSIL / TREMCO
63	TR-893E	GASKET	60 DUROMETER	TREMCO
86	TGF-1413	ALUMINUM "F" CLIP ANCHOR	ALUM. 6005-T5	C.T. WINDOWS
87	TGF-1414	ALUMINUM "T" CLIP ANCHOR	ALUM. 6005-T5	C.T. WINDOWS

REVISIONS

NO	DATE	DESCRIPTION
R2	11.17.23	FBC 2023
R3	09.27.26	FBC 2026

MCY

MCY ENGINEERING, INC.

GLAZING CONSULTANTS

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FLORIDA APPROVAL:
FL 32010.1

YIPING WANG

PROFESSIONAL ENGINEER

FL #55983

C.A.N. #598877

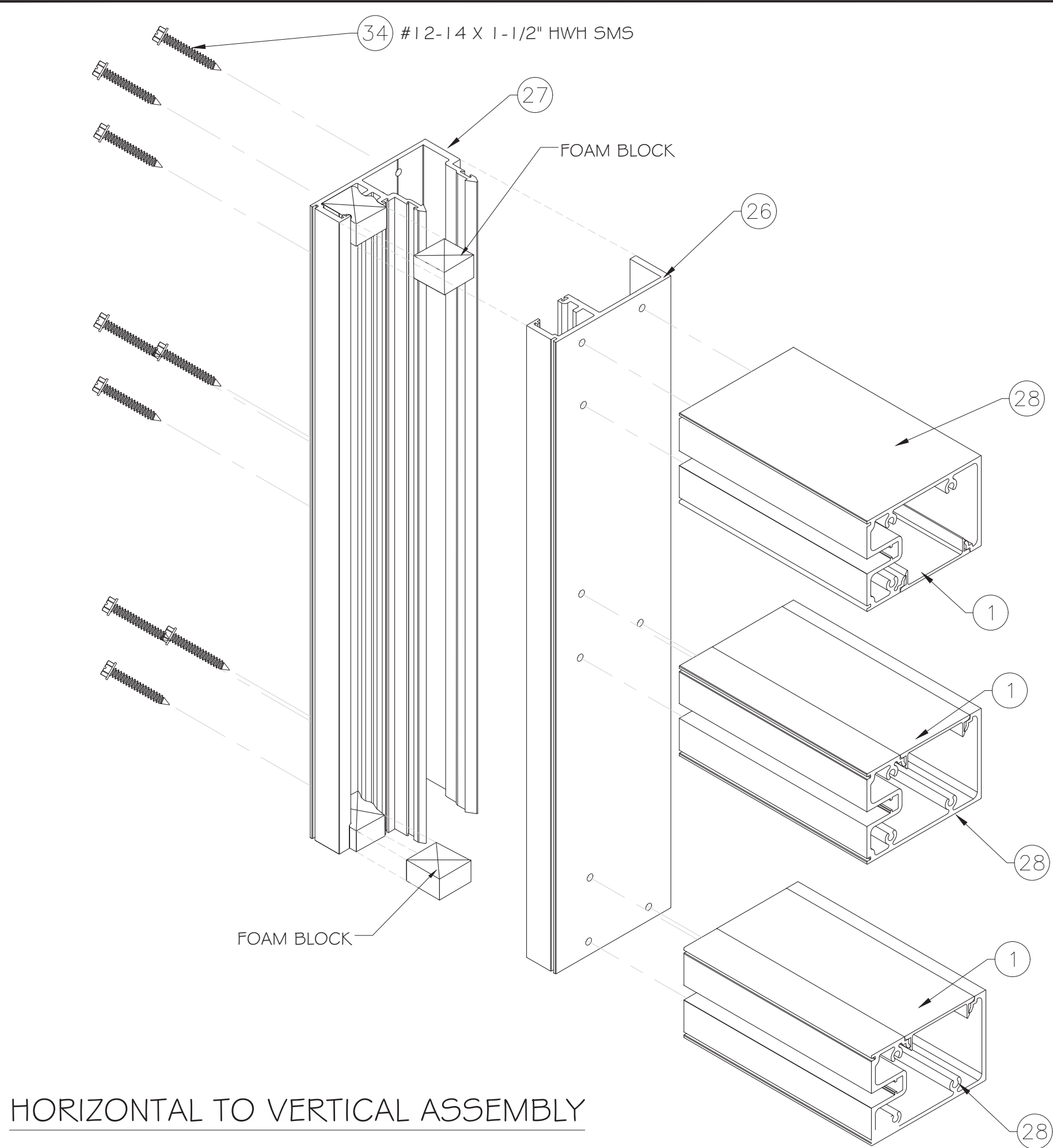
Sep.27th, 2026

BOM

DATE	09.27.2026
SCALE	AS SHOWN
DRAWN	James
PROJECT	19-085

DRAWING NO.
AD20-11

15 OF 16



HORIZONTAL TO VERTICAL ASSEMBLY

FLORIDA APPROVAL:
FL 32010.1

Sep.27th, 2026

REVISIONS	
NO	DATE
R2	11.17.23
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