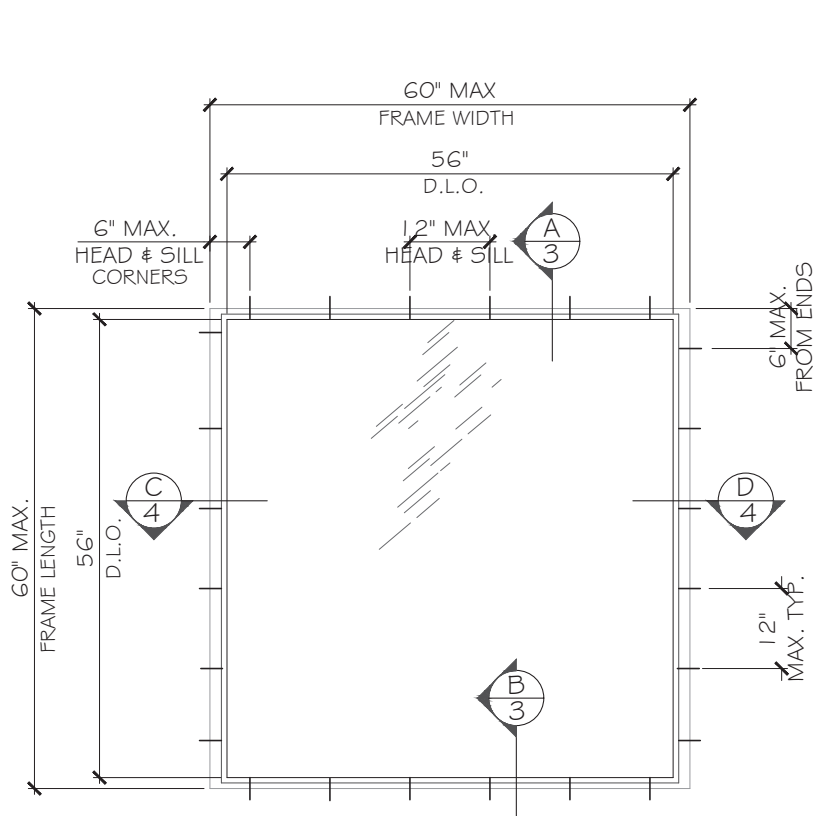
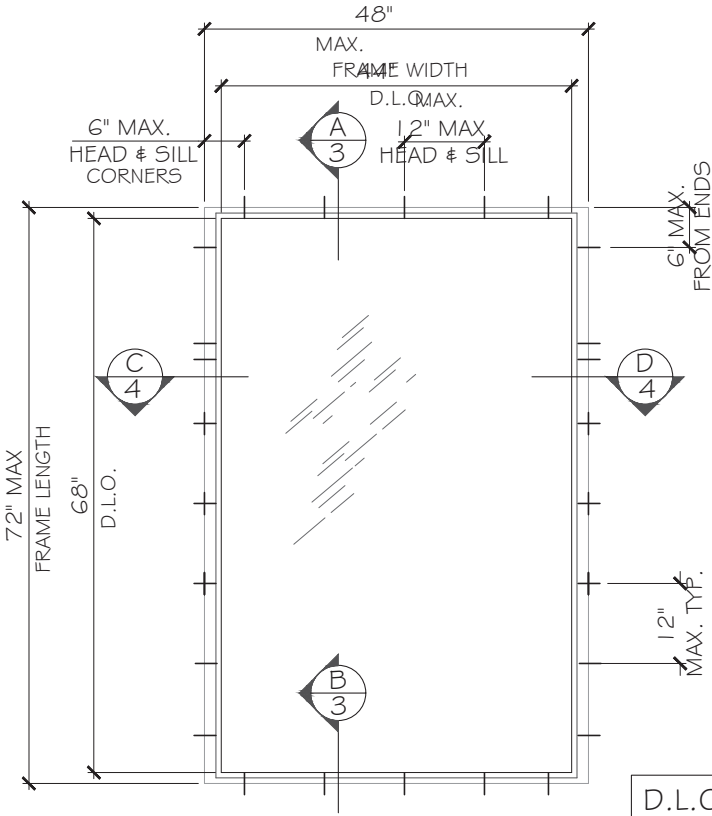


SUPER SERIES 500 ALUMINUM FIXED WINDOW
LARGE MISSILE IMPACT



TYPICAL ELEVATION



TYPICAL ELEVATION

D.L.O. WIDTH = WINDOW WIDTH -4"
D.L.O. LENGTH = WINDOW LENGTH -4"

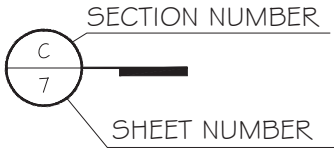
GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION FBC 2023/ 9TH EDITION FBC 2026 INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOWS RATED FOR LARGE MISSILE IMPACT AND DO NOT REQUIRE SHUTTERS.
- THESE WINDOWS ARE APPROVED FOR AIR AND WATER INFILTRATION.
- MATERIAL: ALL ALUMINUM EXTRUSION TO BE 6063-T5 ALLOY
- 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.
- WOOD BUCKS BY OTHERS MUST BE SOUTHERN PINE, G = 0.55MIN. AND MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE MAIN STRUCTURE.
- ULTIMATE DESIGN LOAD OBTAINED FROM ASCE 7-22, MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO DESIGN LOAD IN THIS DOCUMENT.
- A LOAD DURATION FACTOR IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
- 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 FBC 2023/ 9TH EDITION FBC 2026 SECTION AS APPLICABLE.

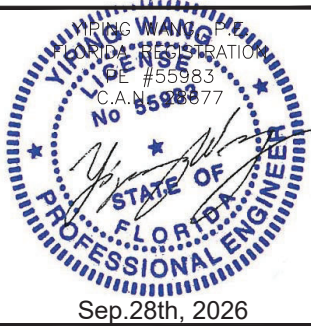
- METAL STRUCTURES BY OTHERS MUST SUPPORT LOADS IMPOSED BY WINDOW SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.
- MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE LABELING TO COMPLY WITH SECTION 1709.9.2.
- INSTALLATION 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 3S, 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).

ABBREVIATIONS AND SYMBOLS

G.B. - GLASS BITE
D.L.O. - DAYLITE OPENING
F.H. - FRAME HEIGHT
F.W. - FRAME WIDTH
W/ - WITH
W/O - WITHOUT
O.C. - ON CENTER



- 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 HE/SHE 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.



REVISIONS	
NO.	DATE DESCRIPTION
R3	11.16.23 UPDATE TO 2023 FBC
R4	09.28.26 UPDATE TO 2026 FBC

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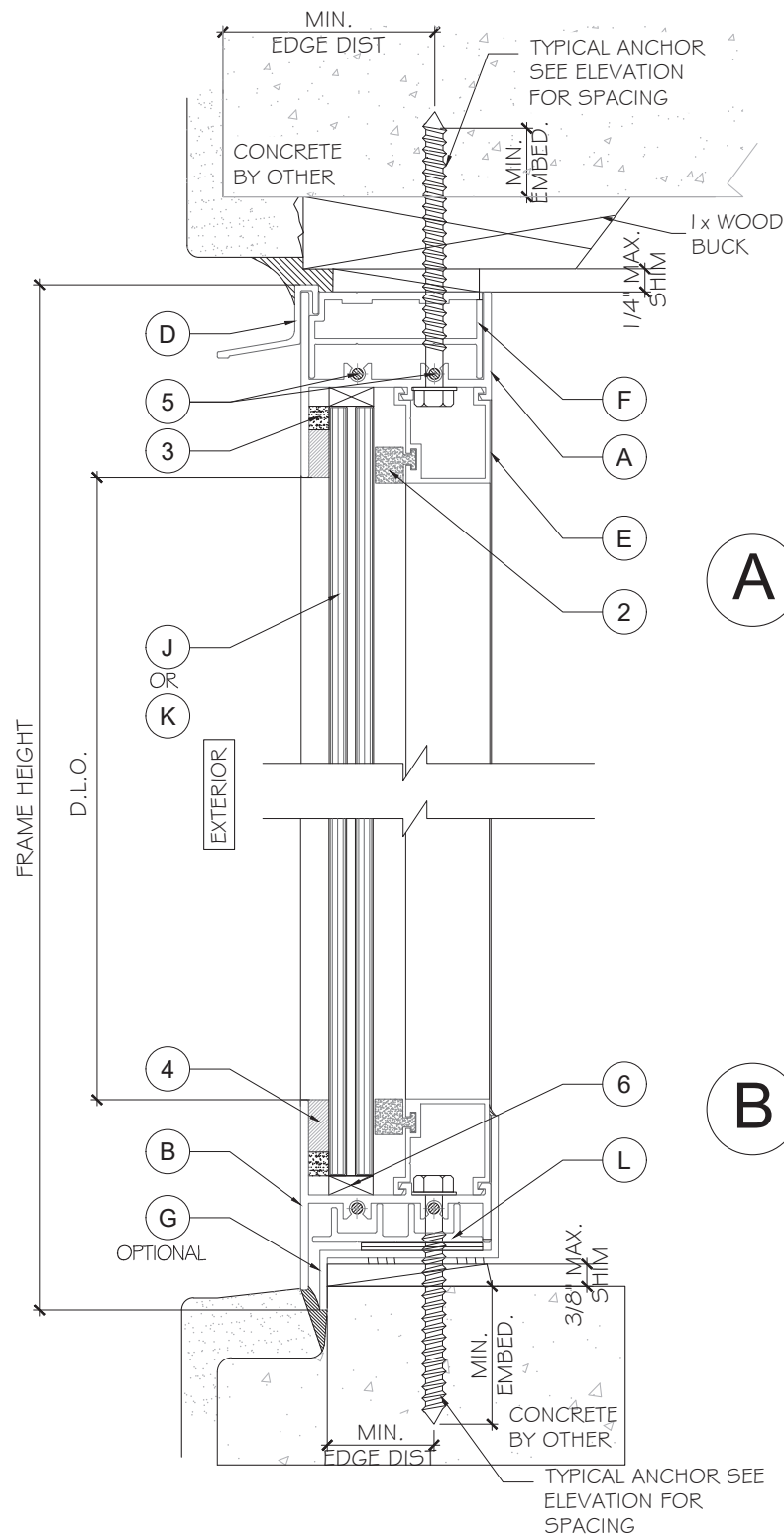
SUPERIOR SERIES 500 ALUMINUM FIXED WINDOW - L.M.I.
C. T. WINDOWS, LLC.
9195 BOGGY CREEK RD #1
ORLANDO, FL. 32824
P: (407) 857 - 9237 F: (407) 857 - 9247

FL 18007.1	
DATE	09.28.2026
SCALE	AS SHOWN
DRAWN	James
PROJECT	MCY13-020
DRAWING NO.	
AD13-04	
SHEET 1 OF 5	

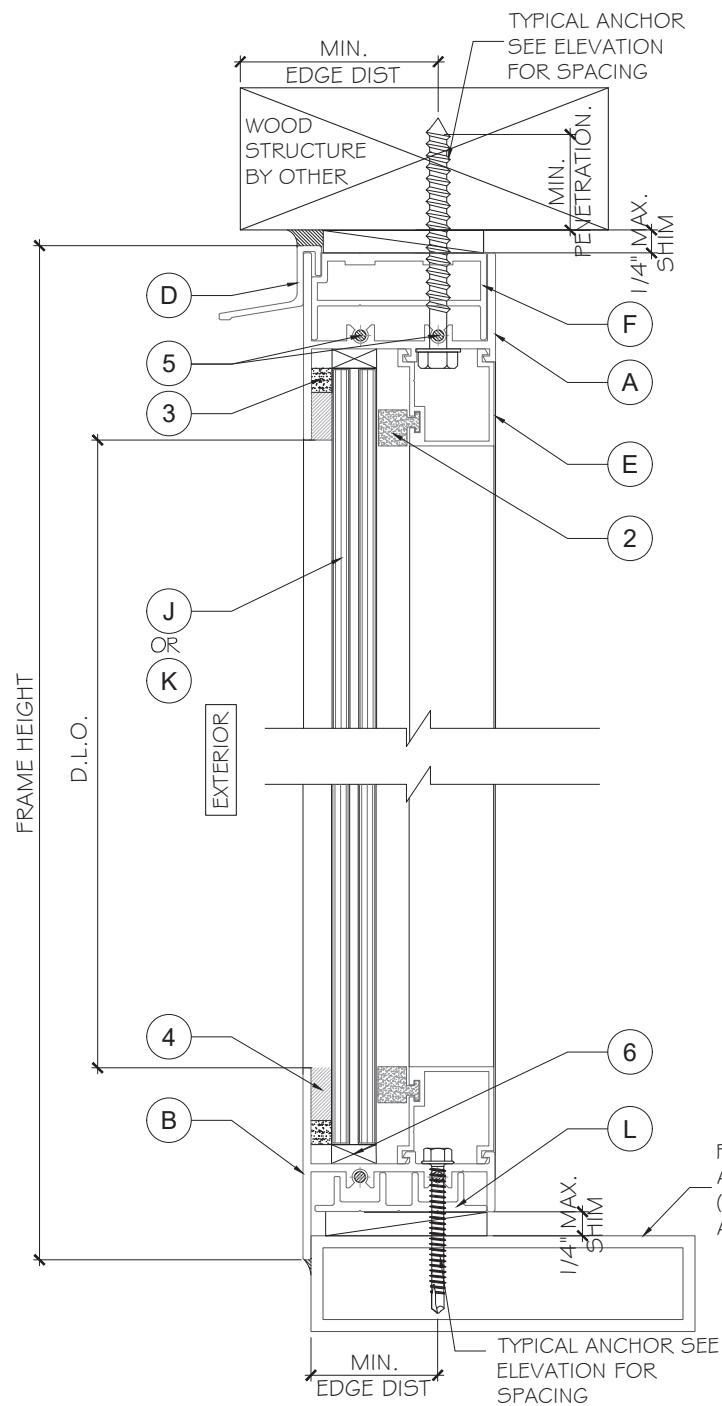
FIXED WINDOW					
DESIGN LOAD CAPACITY					
FRAME DIMENSION		GLASS TYPE "A"		GLASS TYPE "B"	
LENGTH (L) in.	WIDTH (W) in.	EXT. (+) PSF	INT. (-) PSF	EXT. (+) PSF	INT. (-) PSF
36"	60"	80	110	73	80
	66"	80	110	73	80
	72"	80	110	73	80
	78"	80	110	73	80
	84"	80	110	73	80
	90"	80	110	73	80
	96"	80	110	73	80
42"	60"	80	110	73	80
	66"	80	110	73	80
	72"	80	110	73	80
	78"	78	108	78	80
	84"	76	105	-	-
48"	60"	80	110	73	80
	66"	79	108	73	80
	72"	75	103	73	80
54	60"	80	110	65	71
	66"	75	103	-	-
56"	62"	78.2	107.5	-	-
60"	60"	80	110	-	-



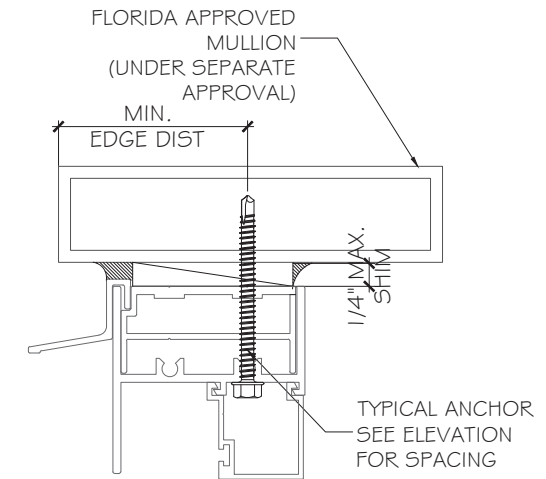
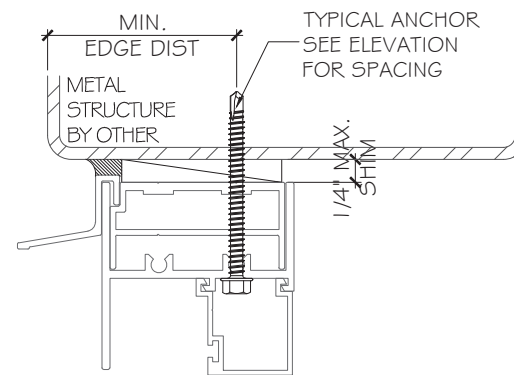
FL 18007.1	
DATE	09.28.2026
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DRAWN	James
PROJECT	MCY13-020
DRAWING NO. AD13-04	
SHEET 2 OF 5	



A



B



TYPICAL ANCHORS: (SEE ELEVATIONS FOR SPACE)

TYPE 'A' - 1/4" TAPCONS BY 'ITW' ($F_u = 120 \text{ KSI}$, $F_y = 92 \text{ KSI}$)

- INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-1/2" MIN. PENETRATION INTO WOOD
- THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY
- DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

TYPE 'B' - 1/4" TEKs OR SELFDRILLING SCREWS (GRADE 5 CRS) INTO METAL STRUCTURES

- STEEL : 1/8" THK MIN ($F_y = 36 \text{ KSI MIN.}$)
- ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPE 'C' - #14 SMS OR STAINLESS STEEL SCREWS (GRADE 2 CRS) INTO FLORIDA STATE APPROVED MULLIONS

• MASONRY
ASTM C90 GROUT FILLED CONCRETE BLOCK
HOLLOW CONCRETE BLOCK

• CONCRETE
 $f'_c = 3,000 \text{ PSI}$

ANCHOR EDGE DISTANCES
INTO CONCRETE = 2" MIN.
INTO MASONRY = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

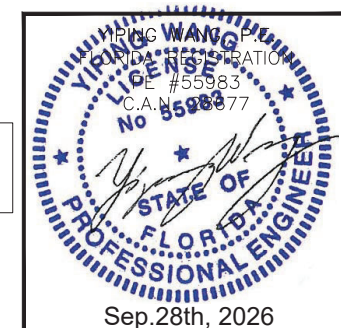
ALL ANCHOR OPTIONS CAN APPLY TO HEAD, SILL AND JAMB ANCHORS.

SEALANT:

ALL FRAME CORNERS, FIXED PANELS AND FRAME ALL AROUND TO BE SEALED WITH DOW 995.

WEEPHOLE:

2" X 1/4" WEEPHOLE AT MID SPAN, BETWEEN FRAME SILL AND SILL PAN.



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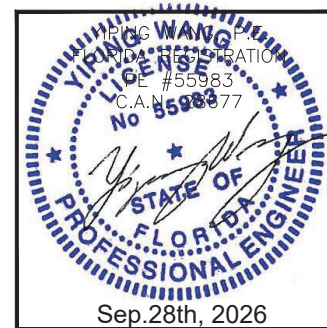
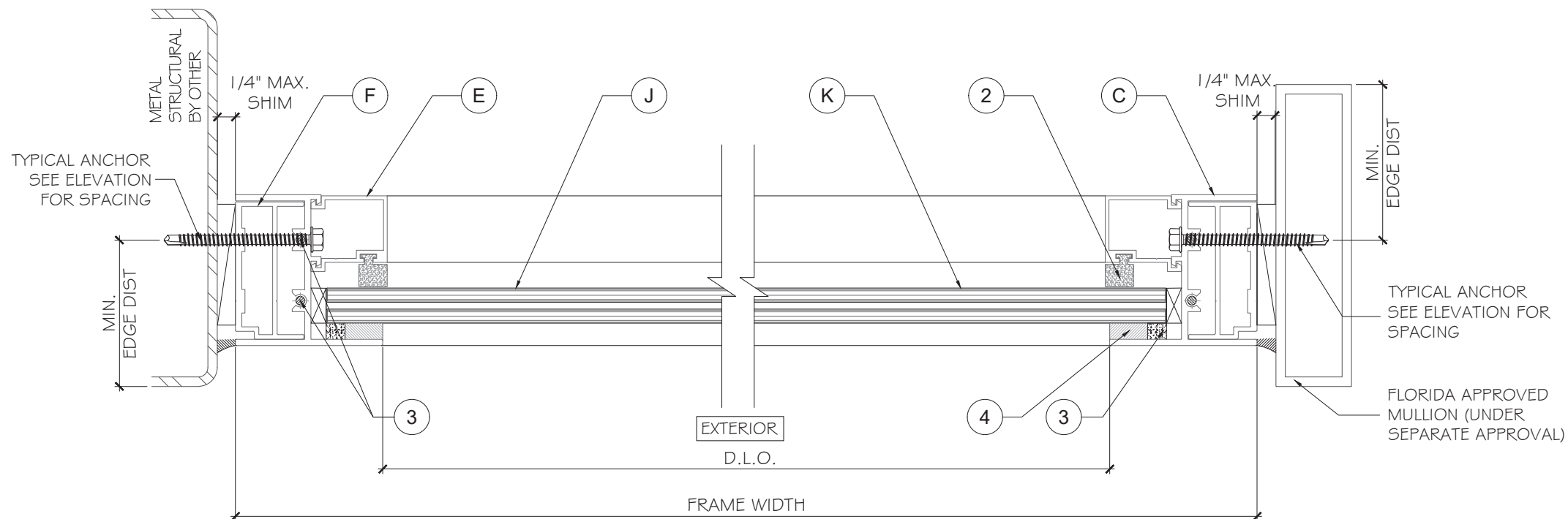
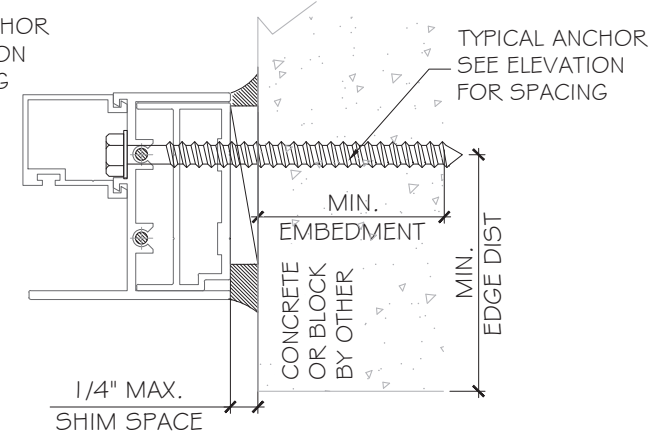
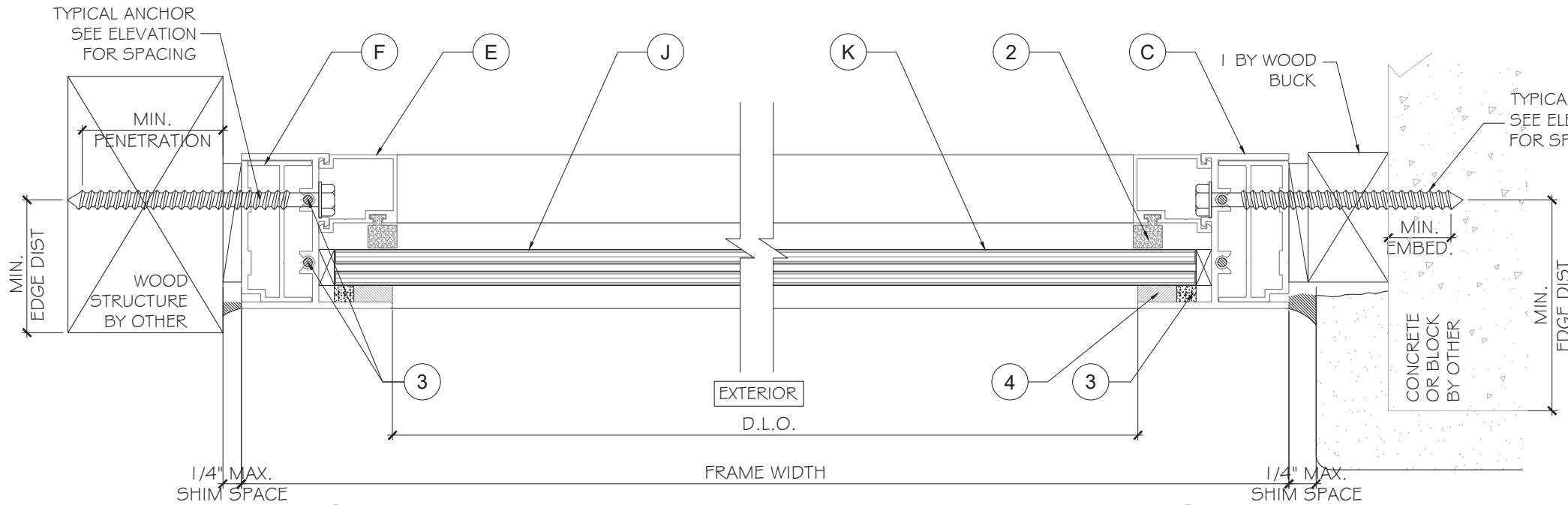
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FL 18007.1

DATE 09.28.2026
SCALE AS SHOWN
DRAWN James
PROJECT MCY13-020

DRAWING NO.
AD13-04

SHEET 3 OF 5



REVISIONS	
NO.	DESCRIPTION
R3	11.16.23 UPDATE TO 2023 FBC
R4	09.28.26 UPDATE TO 2026 FBC

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SHEET 4 OF 5	

A FIXED EQ LEF FRAME HEAD
9057

E EXT. GLZ. BEAD - HORIZ. / VERT.
9056

B FIXED FLANGE FRAME SILL
9058

F EQ LEG FILLER HORIZ. / VERT.
9052

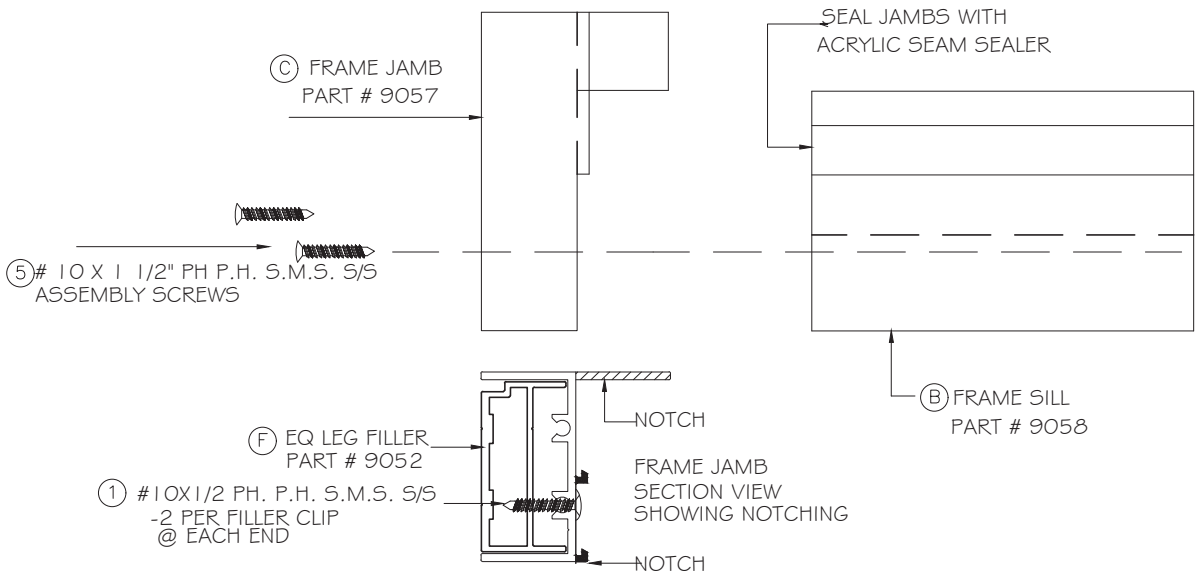
C FIXED EQ LEG FRAME JAMB
9057

G SILL PAN
9045

D FRAME HEAD DRIP
9009

L FLANGE ANCHOR CLIP
9043

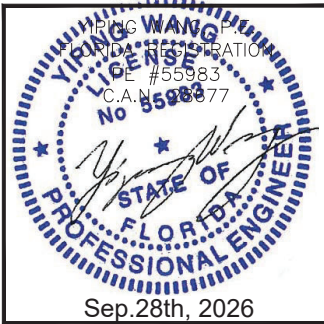
BILL OF MATERIALS					
ITEM #	QTY.	PROFILE	DESCRIPTION	MATERIAL	MANUFACTURER/REMARKS
A	1 EACH	9057	FIXED EQ LEG FRAME HEAD	ALUM. 6063-T5	C.T. WINDOWS, LLC.
B	1 EACH	9058	FIXED FLANGE FRAME SILL	ALUM. 6063-T5	C.T. WINDOWS, LLC.
C	2 EACH	9057	FIXED EQ LEG FRAME JAMB RH/LH	ALUM. 6063-T5	C.T. WINDOWS, LLC.
D	1 EACH	9009	FRAME HEAD DRIP	ALUM. 6063-T5	C.T. WINDOWS, LLC.
E	4 EACH	9056	EXTERIOR GLAZING BEAD - HORIZ. / VERT.	ALUM. 6063-T5	C.T. WINDOWS, LLC.
F	3 EACH	9052	EQ LEG FILLER HORIZ. / VERT.	ALUM. 6063-T5	C.T. WINDOWS, LLC.
G	1 EACH	9045	SILL PAN	ALUM. 6063-T5	---
H	2 EACH	N/A	SILL DAM	ALUM. 6063-T5	---
J	1 EACH	N/A	9/16" LAMI IMP HS GLASS (PVB)	GLASS TYPE "B"	EASTMAN CHEMICAL CO.
K	1 EACH	N/A	9/16" LAMI IMP HS GLASS (SGP)	GLASS TYPE "A"	KURARAY
L	4 EACH	9043	FLANGE ANCHOR CLIP (2 1/2" WIDE)	ALUM. 6063-T5	--
I	6 EACH	N/A	# 10 B X 1/2" PH. P.H. S.M.S. - 2/ FILLER CLIP	STEEL	---
2	AS REQD.	TR-427E	3/8" TREMCO WEDGE (GLAZING BEAD)	-	TREMCO
3	AS REQD.	5206N	FOAM TAPE BLACK GLAZING TAPE (1/4" X 1/4")	-	---
4	AS REQD.	DOW 995	1/4" X 1/2" DOW 995 GREY SILICONE GLAZING COMPOUND	SILICONE	DOW CORNING
5	8 EACH	N/A	# 10A X 1 1/2" PH. P.H. S.M.S. S/S (FR. ASS'Y)	STAINLESS STEEL	---
6	1 EACH	TPR 566	CRL 3/8" X 1/4" SETTING BLOCK	-	---



TYPICAL FRAME CORNER ASSEMBLY

ALL FRAME MEMBERS SHALL HAVE COPED JOINTS
AND SHALL BE FASTENED TOGETHER WITH
STAINLESS STEEL FASTENERS.

ALL JOINTS SHALL BE SEALED WITH AN ACRYLIC SEAM SEALER.



REVISIONS	
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R4	09.28.26

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