

N.R. ARCHITECTURAL PRODUCTS, INC.
SERIES 3250 ALUMINUM AND GLASS FIXED WINDOW
LARGE AND SMALL MISSILE IMPACT

GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 7TH EDITION FBC (2020)/ 8TH EDITION FBC (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOWS RATED FOR LARGE AND SMALL MISSILE IMPACT. IMPACT RESISTANT SHUTTER ARE NOT REQUIRED. FOR INSTALLATIONS UP TO 30FT OF GRADE, USE LARGE MISSILE IMPACT SYSTEMS. FOR INSTALLATIONS ABOVE 30 FT OF GRADE, USE SMALL MISSILE IMPACT SYSTEM.
- THESE WINDOWS ARE 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 7TH EDITION FBC (2020)/ 8TH EDITION FBC (2023) SECTION AS APPLICABLE.
- METAL STRUCTURES NOT BY N.R. ARCHITECTURAL GROUP 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 7-16/ 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.

INSTRUCTIONS:

USE CHARTS AS FOLLOWS.

STEP 1 : DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-16 / ASCE 7-22 STANDARD.

STEP 2: SEE SHEET (G1) FOR GLASS TYPES AND GLAZING DETAIL FOR LMI & SMI SYSTEM OPTIONS.

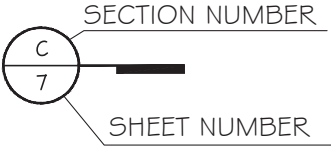
STEP 3: SEE TYPICAL ELEVATION ON SHEET E1 , OTHER CONFIGURATIONS SEE SHEET E2 TO E3. SEE CHART 1 ON E4 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS OPTION AND SIZE BASED ON APPLICABLE WIND LOAD.

STEP 4: SEE SHEET M1 TO M3 FOR APPROVED MULLION CAPACITIES FOR FIXED WINDOW MULLED WITH CASEMENT OR PROJECTED WINDOWS.

STEP 5: SEE ANCHOR FOR MULLIONS ON SHEET M4, THE LOWEST VALUE RESULTING FROM STEPS 2 & 3 SHALL APPLY TO ENTIRE SYSTEM.

ABBREVIATIONS AND SYMBOLS

- 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.

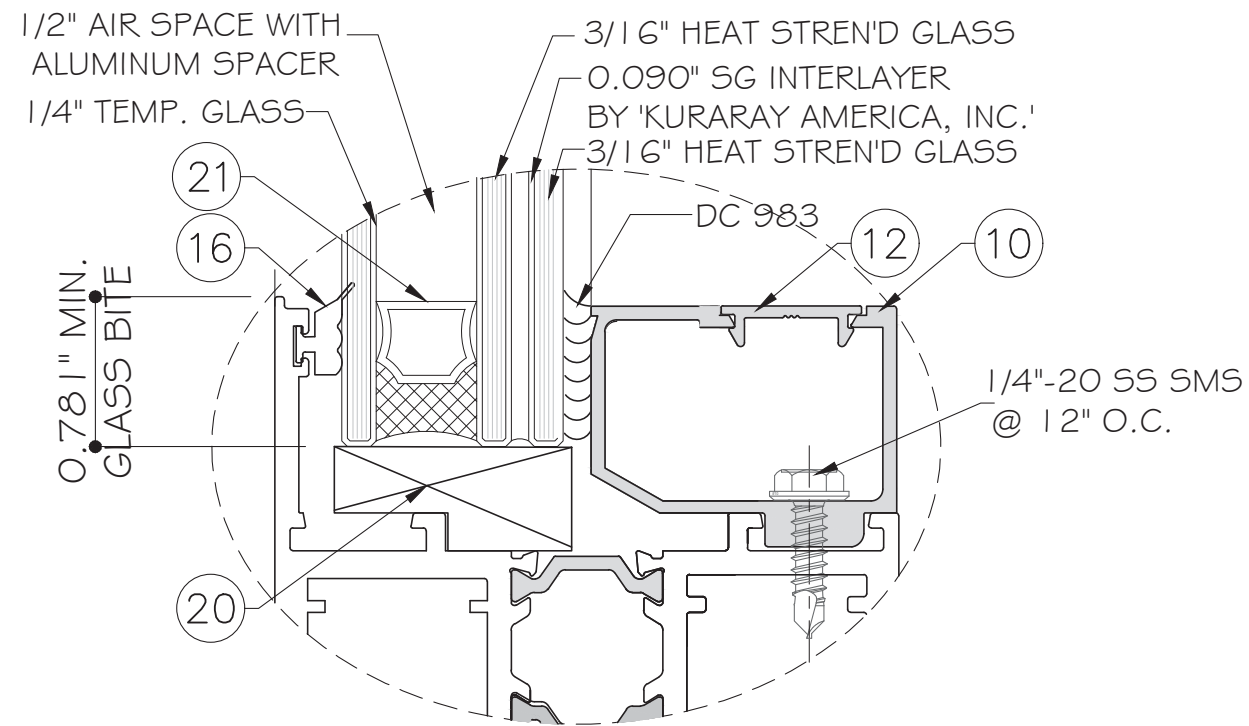
FLORIDA APPROVAL:
FL #26371

August 11th, 2023

SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)

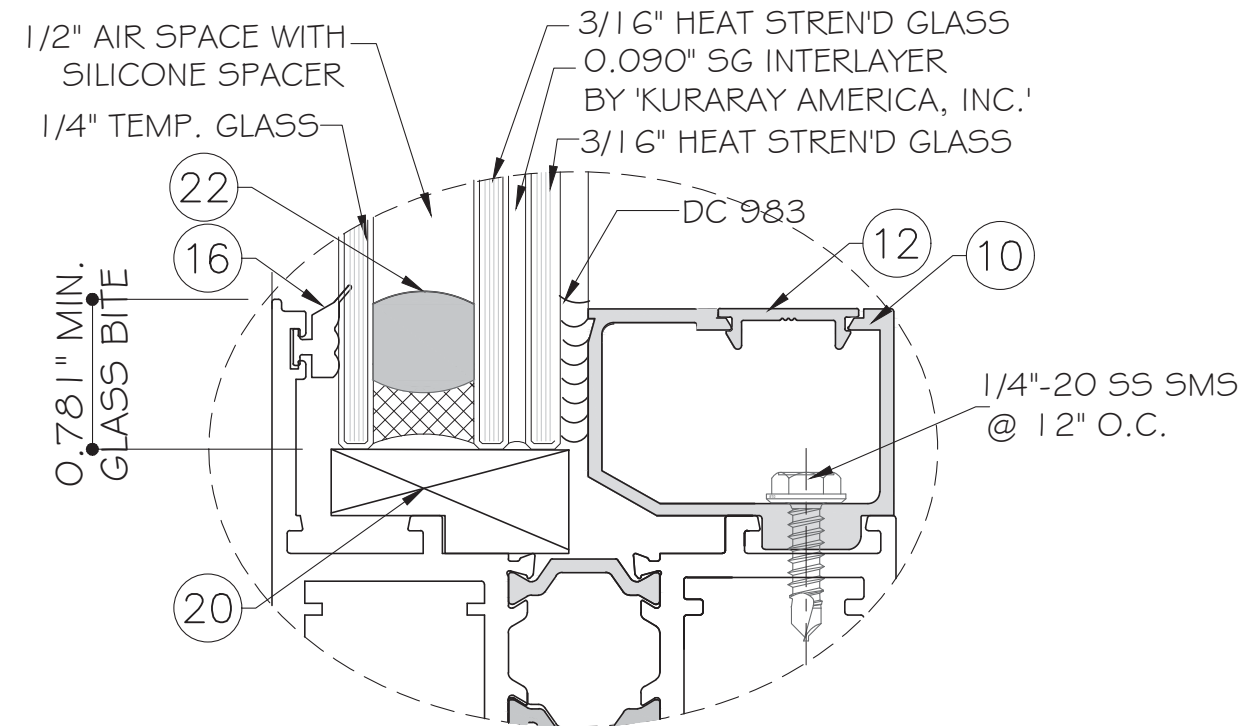
NR ARCHITECTURAL PRODUCTS, INC.
4348 WESTROAD DRIVE,
RIVIERA BEACH, FL 33407
TEL. (561)8441121

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 Miramar Pkwy. Ste. 301
Miramar, FL 33027 P: 305.271.0117
www.MCYEngineering.com mcy@mcyengineering.com

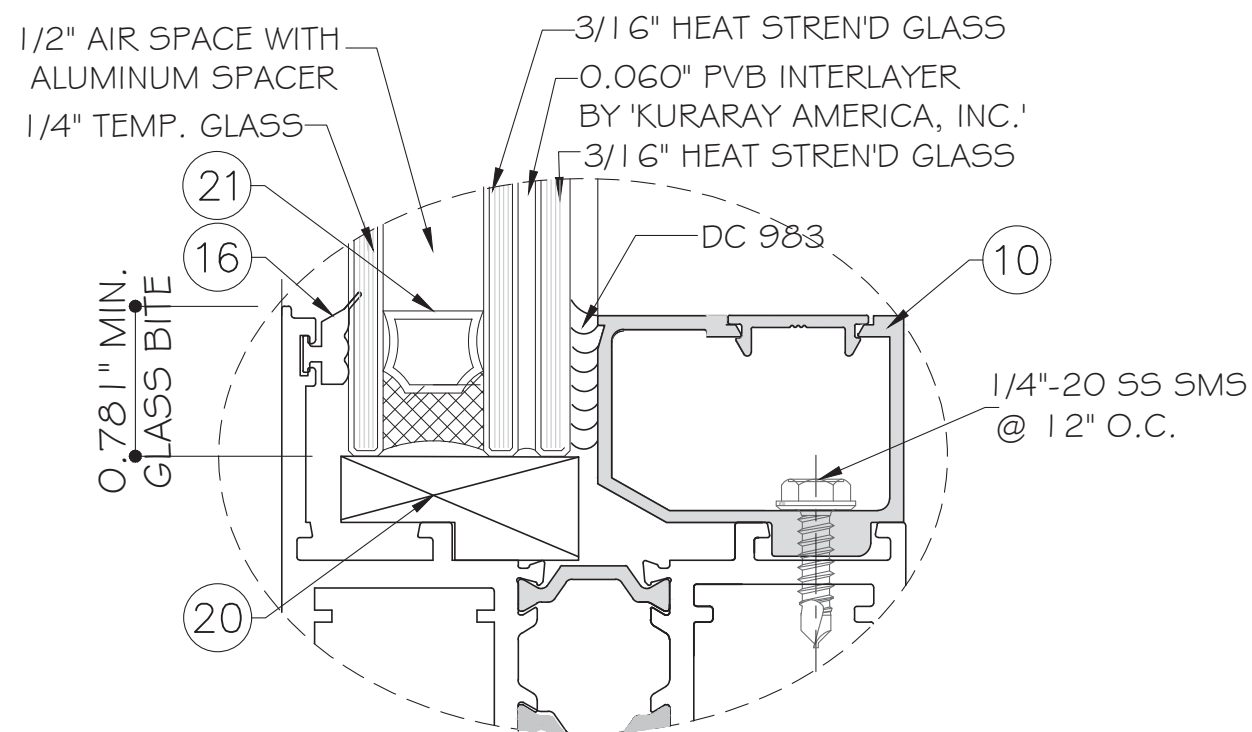


GLASS TYPE 'G1-1'
1 3/16" NOMINAL OVERALL

LARGE MISSILE IMPACT

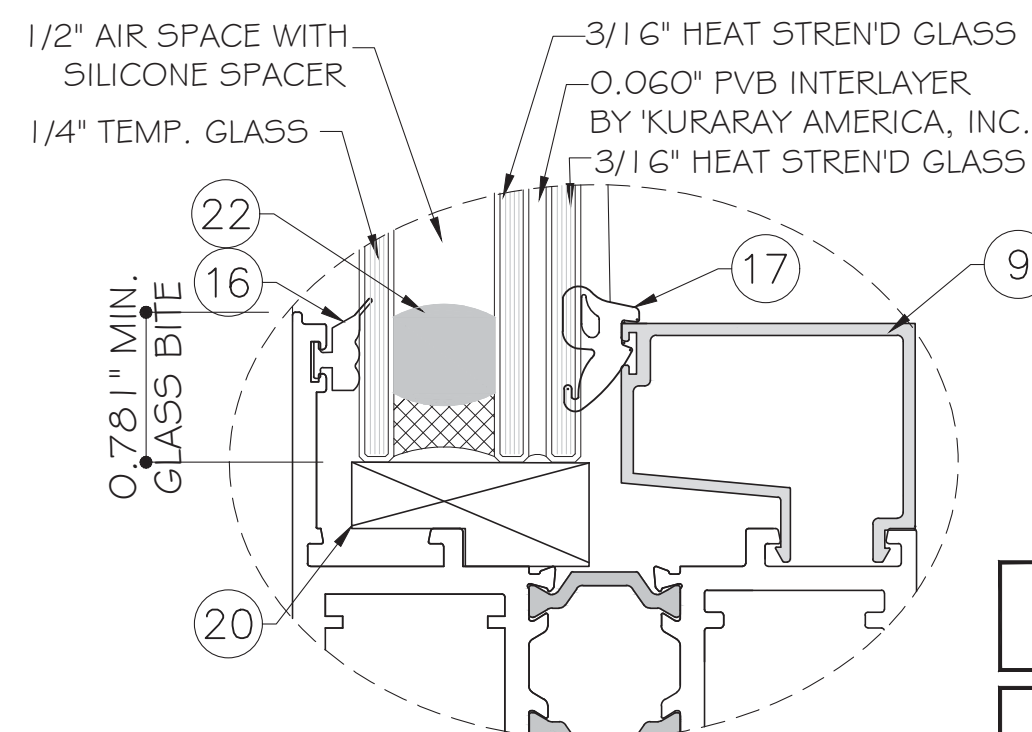


GLASS TYPE 'G1-2'
1 3/16" NOMINAL OVERALL



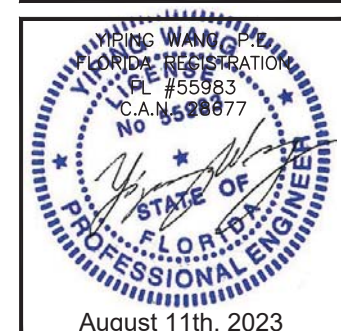
GLASS TYPE 'G2-1'
1 3/16" NOMINAL OVERALL

SMALL MISSILE IMPACT



GLASS TYPE 'G3'
1 3/16" NOMINAL OVERALL

FLORIDA APPROVAL:
FL #26371



SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)

NR ARCHITECTURAL PRODUCTS, INC.
4348 WESTROAD DRIVE,
RIVIERA BEACH, FL 33407
TEL. (561) 8441121

Rev. No.	Date	Drawn By	Description
R2	06.11.2023	James	UPDATE TO FBC 2023

Drawn Date	Scale
08.12.2023	

DRAWING NO.
AD18-24

G1

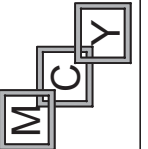
Sheet No.
02 OF 20

MCY ENGINEERING, INC.

GLAZING CONSULTANTS

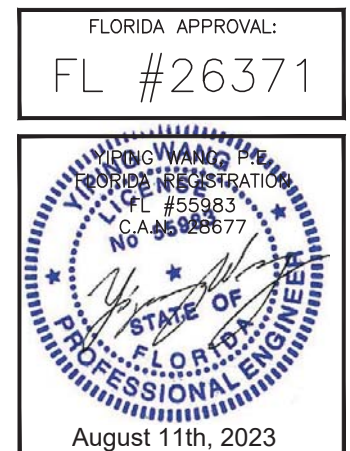
12781 Miramar Pkwy. Ste. 301
Miramar, FL 33027 P: 305.271.0117

www.MCYEngineering.com mcy@mcyengineering.com





GLASS D.L.O. DIMS.
D.L.O. HEIGHT=FRAME HEIGHT-5.625"
D.L.O. WIDTH=FRAME WIDTH-5.625"



R2		08.11.2023	James	UPDATE TO FBC 2023
Drawn Date 08.12.2023		Scale		
DRAWING NO. AD18-24				
E1				
Sheet No. 03 OF 20				

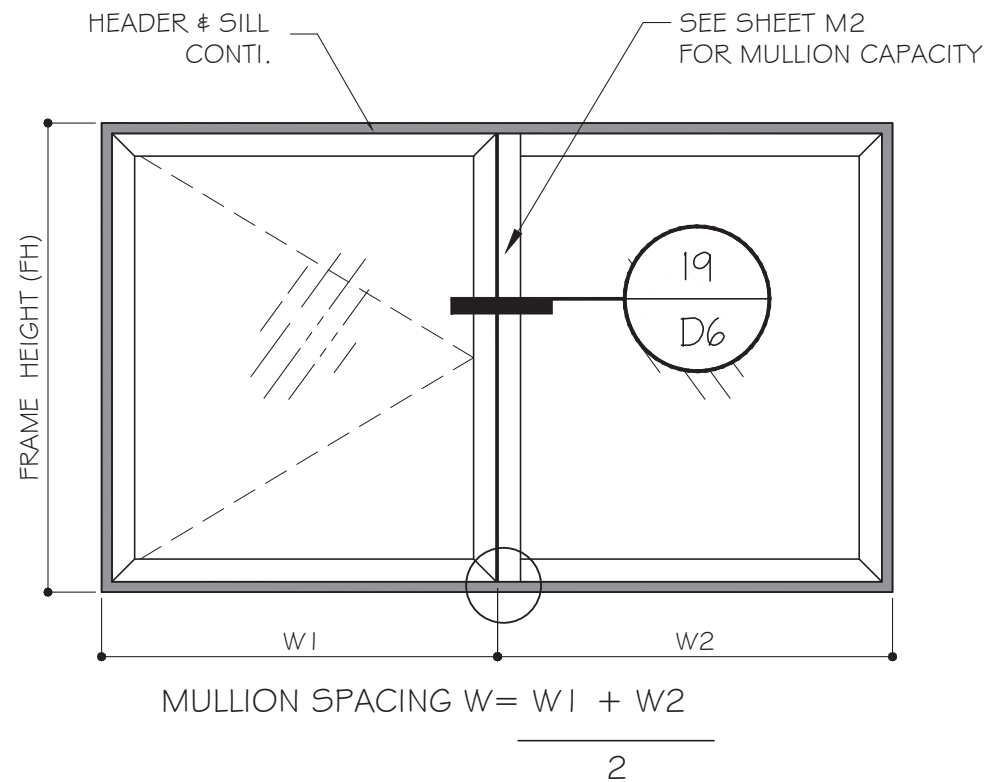
SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)

NR ARCHITECTURAL PRODUCTS, INC.
4348 WESTROAD DRIVE,
RIVIERA BEACH, FL 33407
TEL. (561)8441121

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

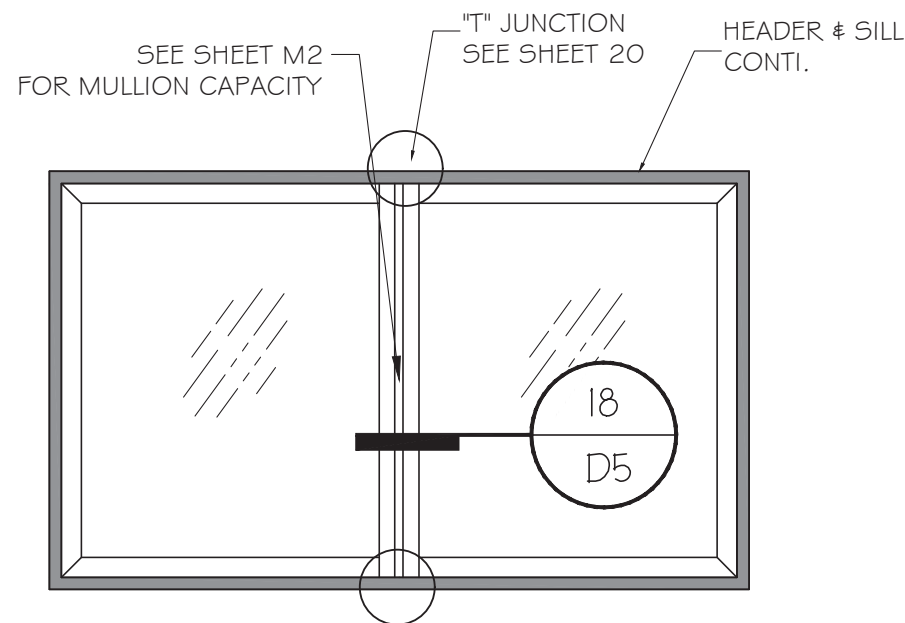
12781 Miramar Pkwy, Ste. 301
Miramar, FL 33027 P: 305.271.0117

www.MCYEngineering.com mcy@mcyengineering.com

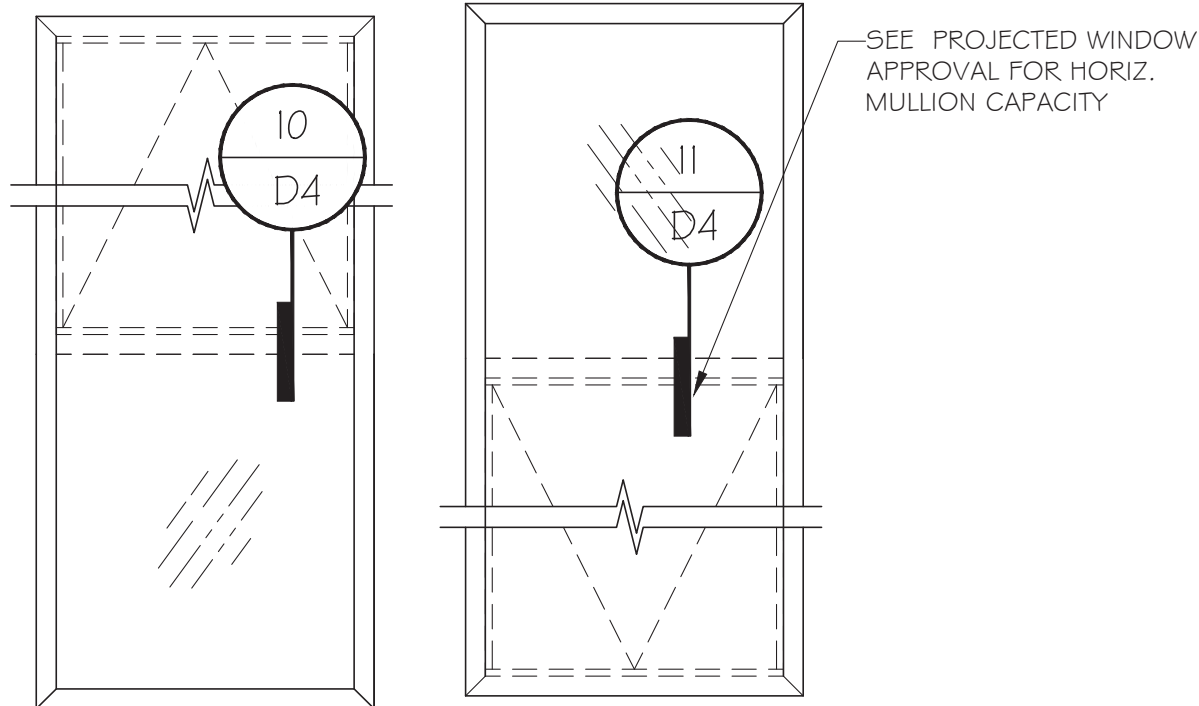


FIXED WINDOW WITH
CASEMENT OPTION

NOTE: CASEMENT OR PROJECTED
OUT WINDOW UNDER A
SEPARATE APPROVAL



FIXED - FIXED OPTION



FIXED WINDOW WITH
PROJECTED OPTION

NOTE: PROJECTED OUT WINDOW
UNDER A SEPARATE APPROVAL

FLORIDA APPROVAL:
FL #26371

YIPING WANG, P.E.
FLORIDA REGISTRATION
FL #55983
C.A.A.#06677

August 11th, 2023

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

12781 Miramar Pkwy. Ste. 301
Miramar, FL 33027 P: 305.271.0117
www.MCYEngineering.com mey@mcyengineering.com

SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)

NR ARCHITECTURAL PRODUCTS, INC.
4348 WESTROAD DRIVE,
RIVIERA BEACH, FL 33407
TEL. (561)8441121

Rev. No.	Date	Drawn By	Description
R2	08.11.2023	James	UPDATE TO FBC 2023

Drawn Date
08.12.2023

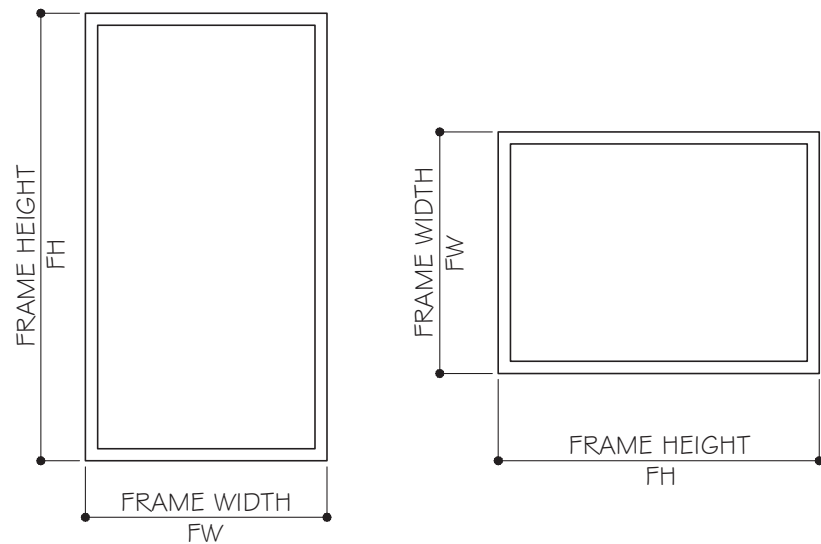
Scale

DRAWING NO.
AD18-24

E3

Sheet No.
05 OF 20

FIXED WINDOW CAPACITY – PSF					
NOMINAL DIMS.		LMI		SMI	
		'G1-1'	'G1-2'	'G2-1'	'G3'
FRAME HEIGHT FH (IN)	FRAME WIDTH FW (IN)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
60"	30"	65.0	75.0	65.0	90.0
	36"	65.0	75.0	65.0	90.0
	42"	65.0	75.0	65.0	90.0
	48"	65.0	75.0	65.0	90.0
	54"	—	75.0	65.0	—
	60"	—	75.0	65.0	—
72"	30"	65.0	75.0	65.0	90.0
	36"	65.0	75.0	65.0	90.0
	42"	—	75.0	65.0	—
	48"	—	75.0	65.0	—
84"	30"	65.0	75.0	65.0	90.0
	36"	—	75.0	65.0	—
	42"	—	75.0	65.0	—
96"	30"	65.0	75.0	65.0	90.0
	36"	—	75.0	65.0	—
108"	30"	—	75.0	65.0	—
120"	30"	—	75.0	65.0	—



1. WIDTH AND HEIGHT DIMS. CAN BE ORIENTED VERTICAL OR HORIZONTALLY AS SHOWN ABOVE
2. GLASS CAPACITIES ARE BASED ON ASTM E1300-09 (3 SEC. GUSTS).

FIXED WINDOW CAPACITY – PSF					
NOMINAL DIMS.		LMI		SMI	
		'G1-1'	'G1-2'	'G2-1'	'G3'
FRAME HEIGHT FH (IN)	FRAME WIDTH FW (IN)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)	EXT. (+) INT. (-)
26"	19.125"	65.0	75.0	65.0	90.0
	26.5"	65.0	75.0	65.0	90.0
	37"	65.0	75.0	65.0	90.0
	53.125"	65.0	75.0	65.0	90.0
38.375"	19.125"	65.0	75.0	65.0	90.0
	26.5"	65.0	75.0	65.0	90.0
	37"	65.0	75.0	65.0	90.0
	53.125"	65.0	75.0	65.0	90.0
50.625"	19.125"	65.0	75.0	65.0	90.0
	26.5"	65.0	75.0	65.0	90.0
	37"	65.0	75.0	65.0	90.0
	53.125"	65.0	75.0	65.0	90.0
63"	19.125"	65.0	75.0	65.0	90.0
	26.5"	65.0	75.0	65.0	90.0
	37"	65.0	75.0	65.0	90.0
76"	19.125"	65.0	75.0	65.0	90.0
	26.5"	65.0	75.0	65.0	90.0
	37"	65.0	75.0	65.0	90.0

FL #26371

YING WANG P.E.
FLORIDA REGISTRATION
FL #55983
C.A.#128677

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

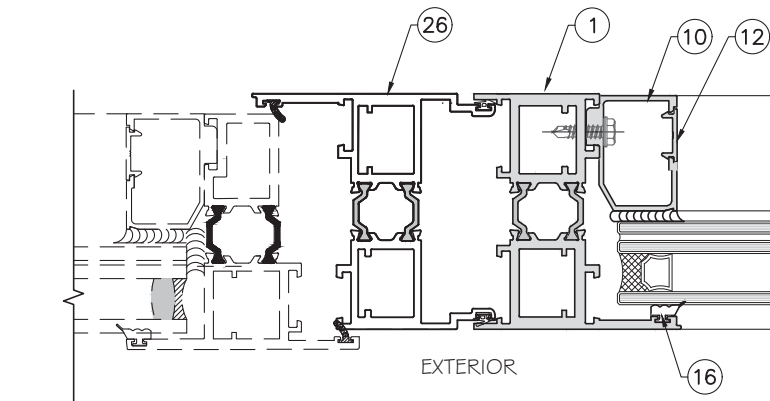
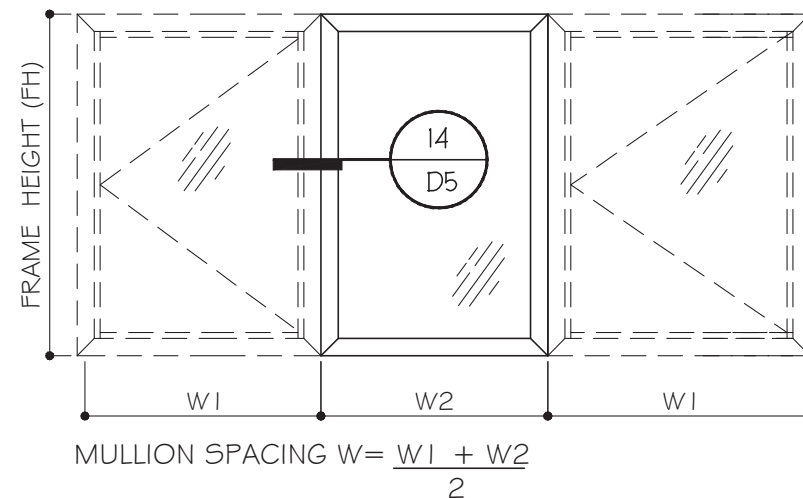
August 11th, 2023

MCY ENGINEERING, INC. GLAZING CONSULTANTS 12781 Miramar Pkwy. Ste. 301 Miramar, FL 33027 P: 305.271.0117 www.MCYEngineering.com mcy@mcyengineering.com		MCY	
SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)		NR ARCHITECTURAL PRODUCTS, INC. 4348 WESTROAD DRIVE, RIVIERA BEACH, FL 33407 TEL. (561)8441121	
R2	08.11.2023	James	UPDATE TO FBC 2023
Rev. No.	Date	Drawn By	Description
Drawn Date 08.12.2023		Scale	
DRAWING NO.			
AD18-24			
E4			
Sheet No.			
06 OF 20			

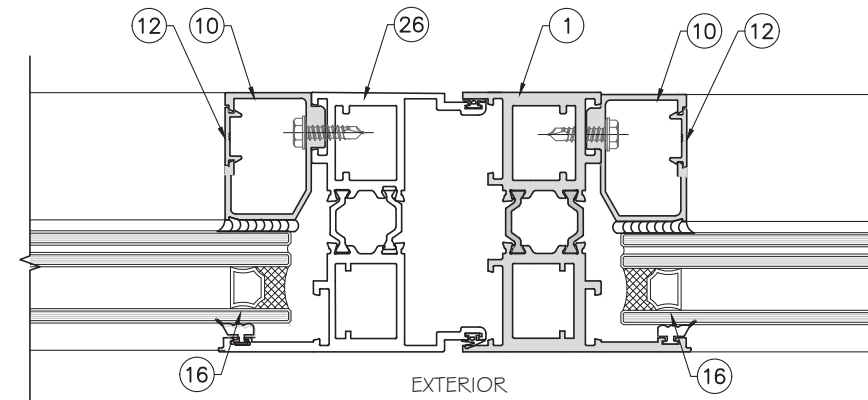
CHART 2 – MULLION CAPACITY

CASEMENT – FIXED WINDOW MULLION FIXED – FIXED WINDOW MULLION MULLION CAPACITY – PSF			
NOMINAL DIMS.		LMI & SMI	
FRAME HEIGHT FH (IN)	SPACING W (IN)	EXT. (+)	INT. (–)
48"	30"	75.0	75.0
	36"	75.0	75.0
	42"	75.0	75.0
	48"	75.0	75.0
	54"	75.0	75.0
	60"	75.0	75.0
54"	30"	75.0	75.0
	36"	75.0	75.0
	42"	75.0	75.0
	48"	75.0	75.0
	54"	75.0	75.0
	60"	75.0	75.0
60"	30"	75.0	75.0
	36"	75.0	75.0
	42"	75.0	75.0
	48"	75.0	75.0
	54"	75.0	75.0
66"	30"	75.0	75.0
	36"	75.0	75.0
	42"	75.0	75.0
	48"	75.0	75.0
72"	30"	75.0	75.0
	36"	75.0	75.0
	42"	75.0	75.0
78"	30"	75.0	75.0
	36"	75.0	75.0
84"	30"	75.0	75.0
	36"	68.9	68.9

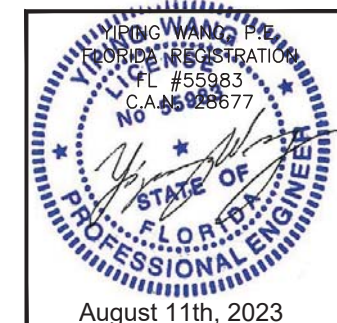
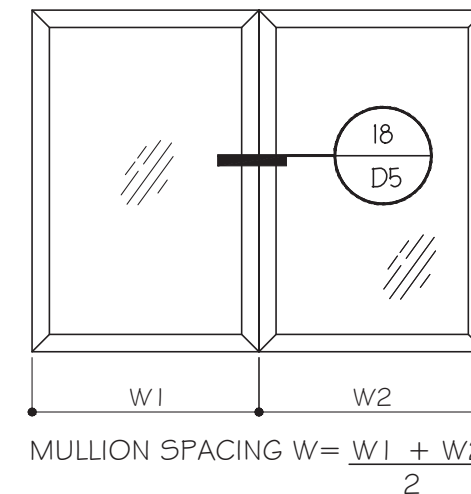
CASEMENT – FIXED WINDOW MULLION FIXED – FIXED WINDOW MULLION MULLION CAPACITY – PSF			
NOMINAL DIMS.		LMI & SMI	
FRAME HEIGHT FH (IN)	SPACING W (IN)	EXT. (+)	INT. (–)
26”	19.125”	75.0	75.0
	26.5”	75.0	75.0
	37”	75.0	75.0
	53.125”	75.0	75.0
38.375”	19.125”	75.0	75.0
	26.5”	75.0	75.0
	37”	75.0	75.0
	53.125”	75.0	75.0
50.625”	19.125”	75.0	75.0
	26.5”	75.0	75.0
	37”	75.0	75.0
	53.125”	75.0	75.0
63”	19.125”	75.0	75.0
	26.5”	75.0	75.0
	37”	75.0	75.0
76”	19.125”	75.0	75.0
	26.5”	75.0	75.0
	37”	75.0	75.0



CASEMENT – FIXED MULLION MULLION DETAIL



FIXED — FIXED MULLION
MULLION DETAIL



MCY ENGINEERING, INC.
GLAZING CONSULTANTS

12781 Miramar Pkwy., Ste. 301
Miramar, FL 33027 P: 305.271.0117

www.MCYEngineering.com mcy@mcyengineering.com

SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)

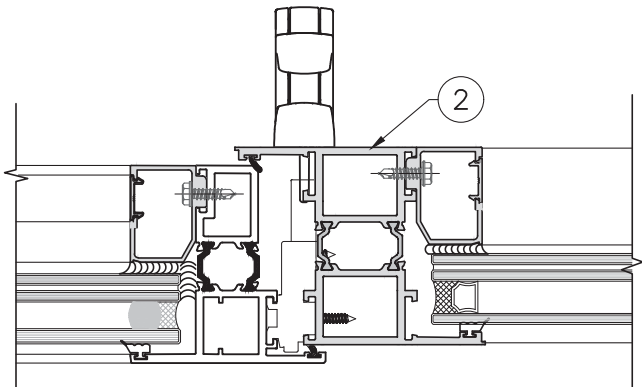
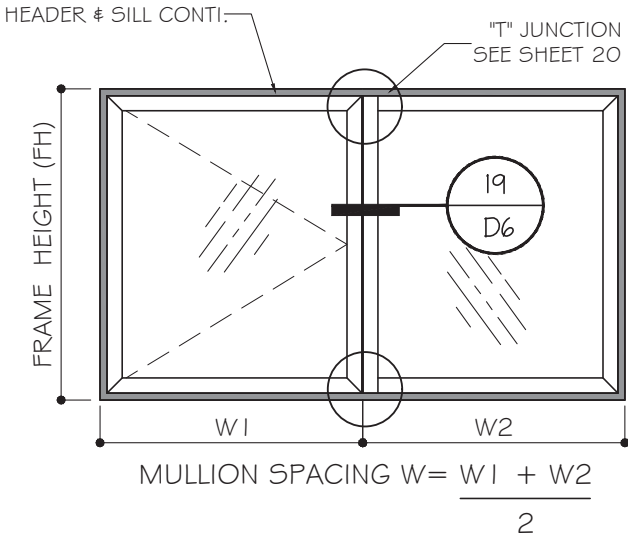
NR ARCHITECTURAL PRODUCTS, INC.
4348 WESTROAD DRIVE,
RIVIERA BEACH, FL 33407
TEL. (561)8441121

P2	08.11.2023	James	UPDATE TO FBC 2023
Drawn Date 08.12.2023			
Scale			
DRAWING NO.			
AD18-24			
M1			
Sheet No.			
07 OF 20			

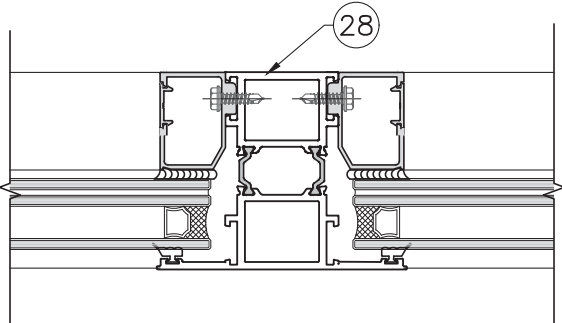
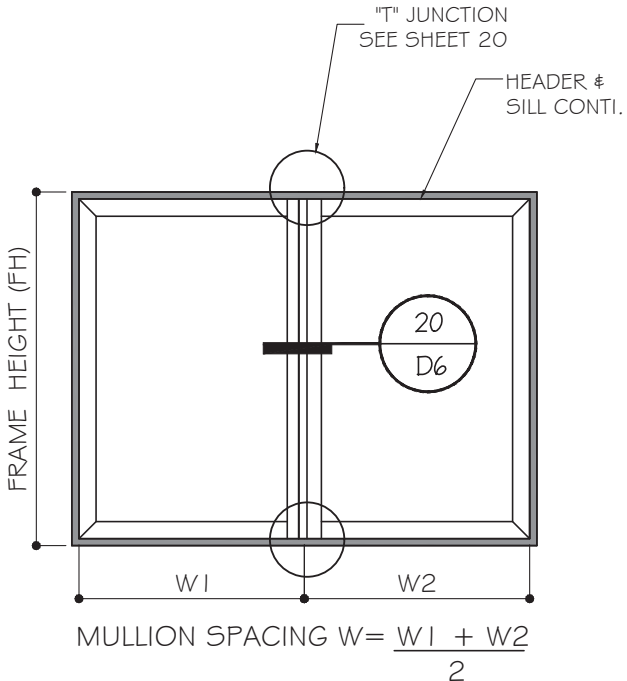
CHART 3 – MULLION CAPACITY CHART

CASEMENT—FIXED OR FIXED —FIXED MULLION CAPACITY – PSF			
NOMINAL DIMS.		LMI & SMI	
FRAME HEIGHT FH (IN)	FRAME WIDTH FW (IN)	EXT. (+)	INT. (–)
48"	30"	65.0	65.0
	36"	65.0	65.0
	42"	65.0	65.0
	48"	65.0	65.0
	54"	65.0	65.0
	60"	65.0	65.0
54"	30"	65.0	65.0
	36"	65.0	65.0
	42"	65.0	65.0
	48"	65.0	65.0
60"	30"	65.0	65.0
	36"	65.0	65.0
	42"	65.0	65.0
	48"	65.0	65.0
66"	30"	65.0	65.0
	36"	65.0	65.0
	42"	61.4	61.4
72"	30"	65.0	65.0
	36"	60.2	60.2
78"	30"	61.5	61.5
	36"	51.3	51.3
84"	30"	53.1	53.1

CASEMENT—FIXED OR FIXED —FIXED MULLION CAPACITY – PSF			
NOMINAL DIMS.		LMI & SMI	
FRAME HEIGHT FH (IN)	FRAME WIDTH FW (IN)	EXT. (+)	INT. (–)
26"	19.125"	65.0	65.0
	26.5"	65.0	65.0
	37"	65.0	65.0
	53.125"	65.0	65.0
38.375"	19.125"	65.0	65.0
	26.5"	65.0	65.0
	37"	65.0	65.0
	53.125"	65.0	65.0
50.625"	19.125"	65.0	65.0
	26.5"	65.0	65.0
	37"	65.0	65.0
	53.125"	65.0	65.0
63"	19.125"	65.0	65.0
	26.5"	65.0	65.0
	37"	65.0	65.0
76"	19.125"	65.0	65.0
	26.5"	65.0	65.0
	37"	52.6	52.6



CASEMENT – FIXED MULLION
MULLION DETAIL



FIXED – FIXED MULLION
MULLION DETAIL

FLORIDA APPROVAL:
FL #26371



MCY ENGINEERING, INC.

GLAZING CONSULTANTS

12781 Miramar Pkwy. Ste. 301
Miramar, FL 33027
P: 305.271.0117
www.MCYEngineering.com mcy@mcyengineering.com

SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)

NR ARCHITECTURAL PRODUCTS, INC.

4348 WESTROAD DRIVE,
RIVIERA BEACH, FL 33407
TEL: (561)8441121

08.11.2023 James UPDATE TO FBC 2023

08.12.2023

Rev. No.

Drawn By

Date

Description

Drawn Date

08.12.2023

Scale

DRAWING NO.

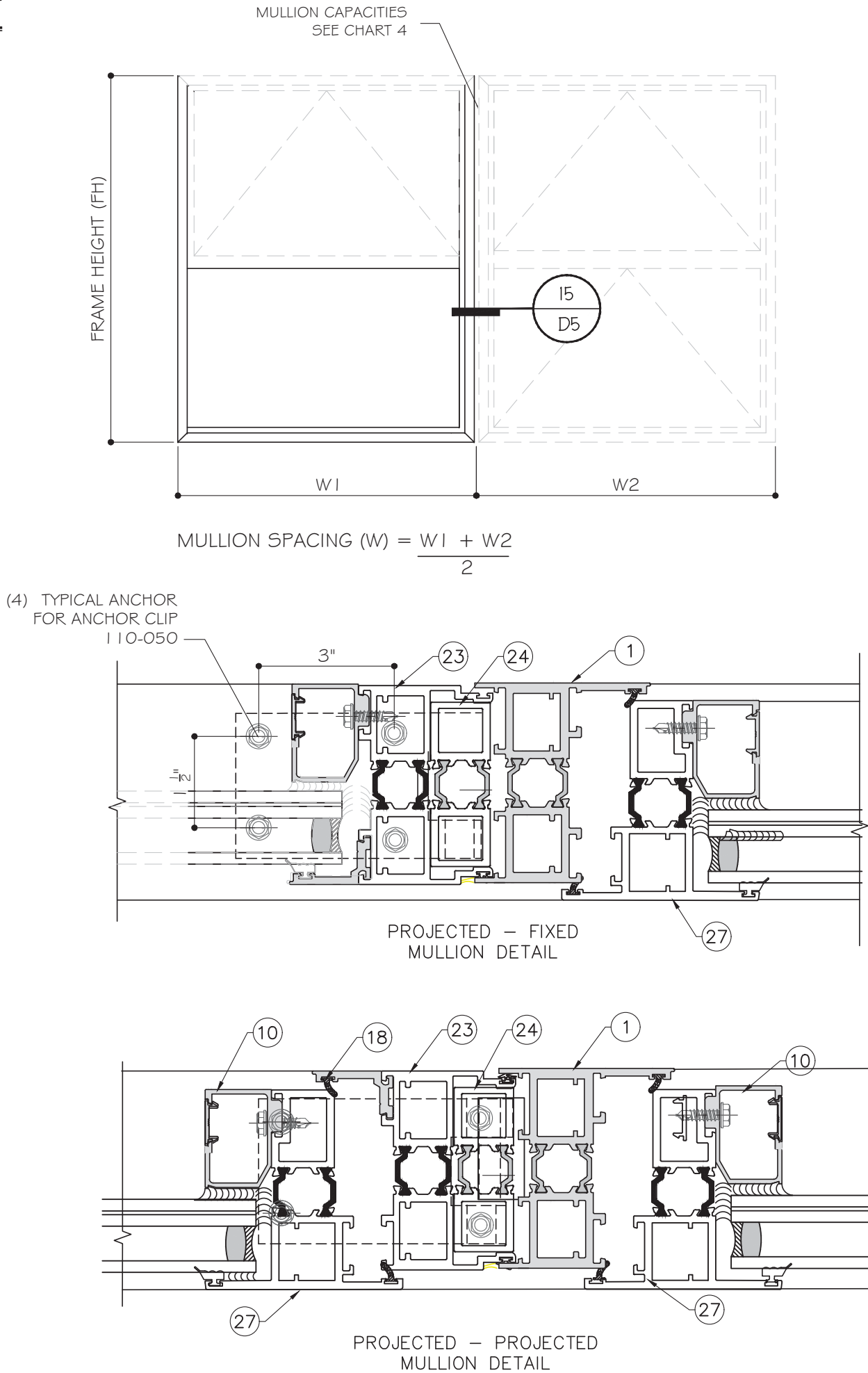
AD18–24

Sheet No.

08 OF 20

CHART 4 – MULLION CAPACITY CHART

PROJECTED – FIXED WINDOW MULLION MULLION CAPACITY – PSF			
NOMINAL DIMS.		LMI & SMI.	
FRAME HEIGHT FH (IN)	SPACING W (IN)	EXT. (+) INT. (–)	EXT. (+) INT. (–)
72"	30"	65.0	65.0
	36"	65.0	65.0
	42"	65.0	65.0
	48"	65.0	65.0
	54"	65.0	65.0
	60"	65.0	65.0
84"	30"	65.0	65.0
	36"	65.0	65.0
	42"	65.0	65.0
	48"	65.0	65.0
	54"	65.0	65.0
	60"	61.6	61.6
94.5"	30"	65.0	65.0
	36"	65.0	65.0
	42"	65.0	65.0
	48"	61.5	61.5
	54"	54.7	54.7
	60"	48.7	48.7
96"	30"	65.0	65.0
	36"	65.0	65.0
	42"	65.0	65.0
	48"	58.1	58.1
	54"	51.6	51.6
108"	30"	65.0	65.0
	36"	54.4	54.4
	42"	46.6	46.6
	48"	40.8	40.8
120"	30"	47.6	47.6
	36"	39.6	39.6
	42"	34.0	34.0



FLORIDA APPROVAL:
FL #26371

YIPING WANG
FLORIDA REGISTRATION
FL #55983
C.A. 155926677

August 11th, 2023

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

12781 Miramar Pkwy. Ste. 301
Miramar, FL 33027
P: 305.271.0117
www.MCYEngineering.com mcy@mcyengineering.com

SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)

NR ARCHITECTURAL PRODUCTS, INC.
4348 WESTROAD DRIVE,
RIVIERA BEACH, FL 33407
TEL: (561)8441121

Rev.	Rev. No.	Date	Drawn By	Description
R2	08.11.2023	James		UPDATE TO FBC 2023
Drawn Date	08.12.2023	Scale		
DRAWING NO.	AD18-24			
	M3			
Sheet No.	09 OF 20			



NOTE: CASEMENT WINDOW
UNDER SEPARATE APPROVAL



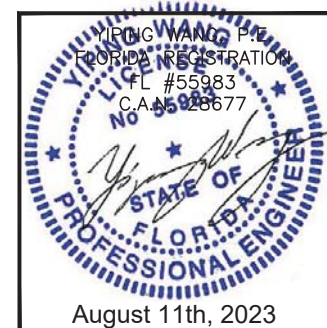
NOTE: CASEMENT WINDOW
UNDER SEPARATE APPROVAL



NOTE: PROJECTED OUT WINDOW
UNDER SEPARATE APPROVAL



NOTE: PROJECTED OUT WINDOW
UNDER SEPARATE APPROVAL



R2	08.11.2023	James	UPDATE TO FBC 2023							Drawing No.
										Rev.
										Date
										Drawn
Drawn Date 08.12.2023		Scale								
DRAWING NO.										
AD18-24										
M4										
Sheet No.										
10 OF 20										

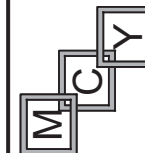
SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)

NR ARCHITECTURAL PRODUCTS, INC.

4348 WESTROAD DRIVE,

RIVIERA BEACH, FL 33407

TEL. (561)8441121



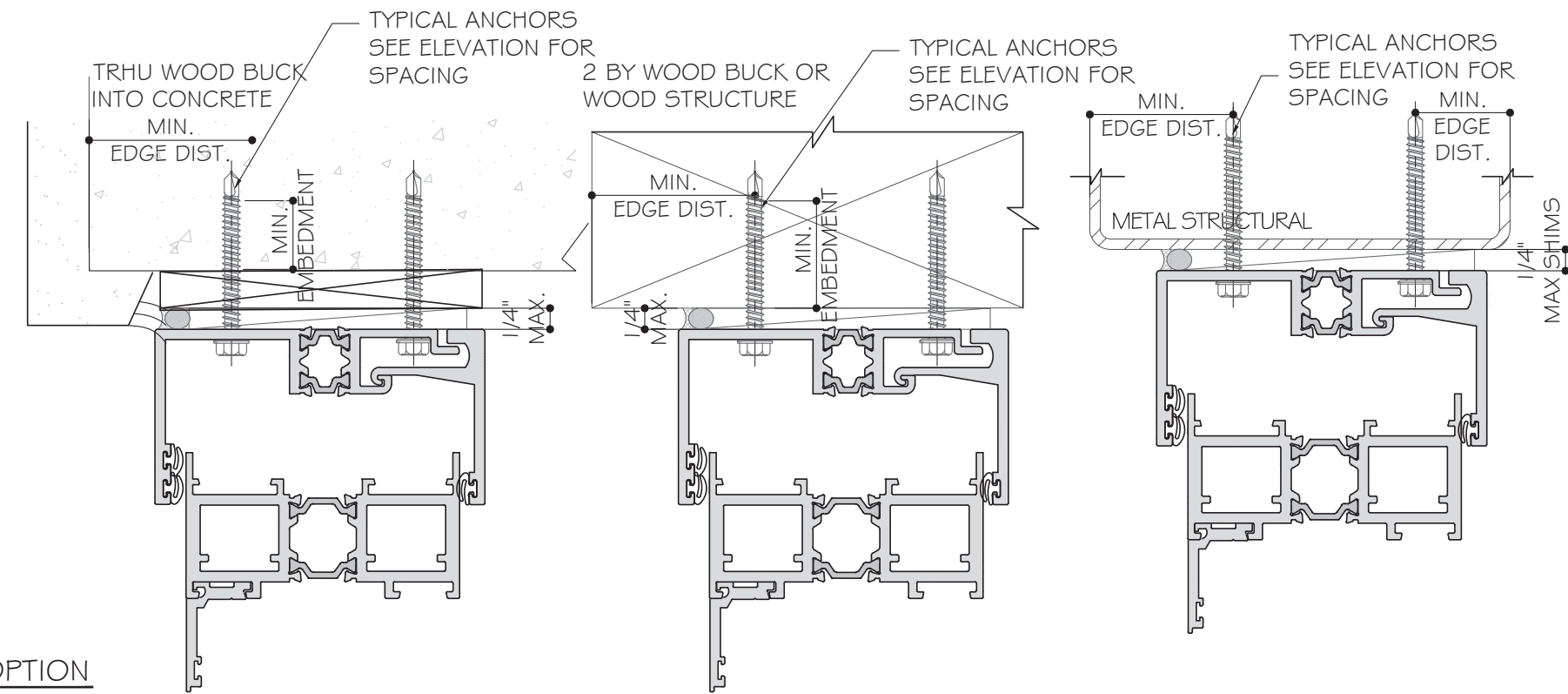
MCY ENGINEERING, INC.

**ENGINEERING,
GLAZING CONSULTANTS**

12781 Miramar Pkwy. Ste 301

Miramar, FL 33027 P: 305.271.0117

www.MCYEngineering.com



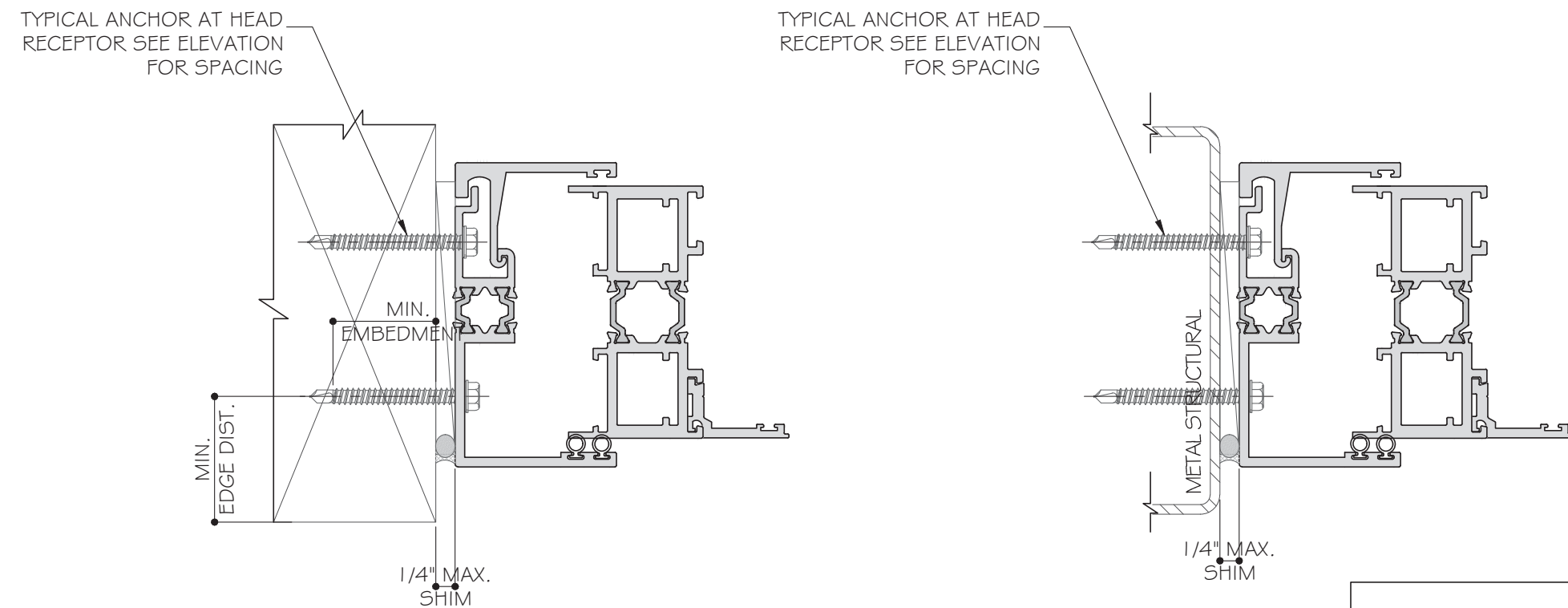
WOOD AT HEAD OR JAMB SG=0.55 MIN.
CONCRETE AT HEAD, SILL & JAMB f'_c =3000 PSI
GROUT FILLED BLOCK AT JAMB f'_c =2000 PSI MIN.

WOOD BUCKS AND METAL STRUCTURE NOT BY N.R. ARCHITECTURAL GROUP MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

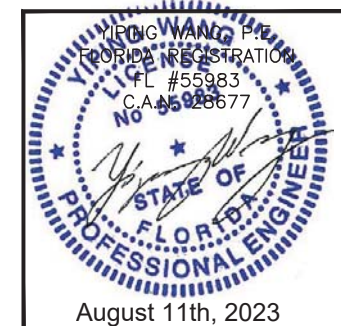
PZ	08.11.2023	Jamies	UPDATE TO FBC 2023
Drawn Date 08.12.2023		Scale	
DRAWING NO.			
AD18-24			
D1			
Sheet No.			
11 OF 20			

JING WANG, P.E.
 FLORIDA REGISTRATION
 FL #55983
 C.A.# 128677

 August 11th, 2023



GLAZING DETAIL FOR
GLASS TYPE "G3"



R2		08.11.2023	James	UPDATE TO FBC 2023	
Drawn Date 08.12.2023		Scale		Rev No.	Date
DRAWING NO. AD18-24					
D2					
Sheet No. 12 OF 20					

SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)

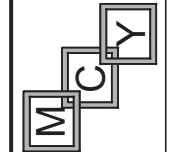
NR ARCHITECTURAL PRODUCTS, INC.

4348 WESTROAD DRIVE,

ERA BEACH, FL 33407

TEL. (561) 844-1121

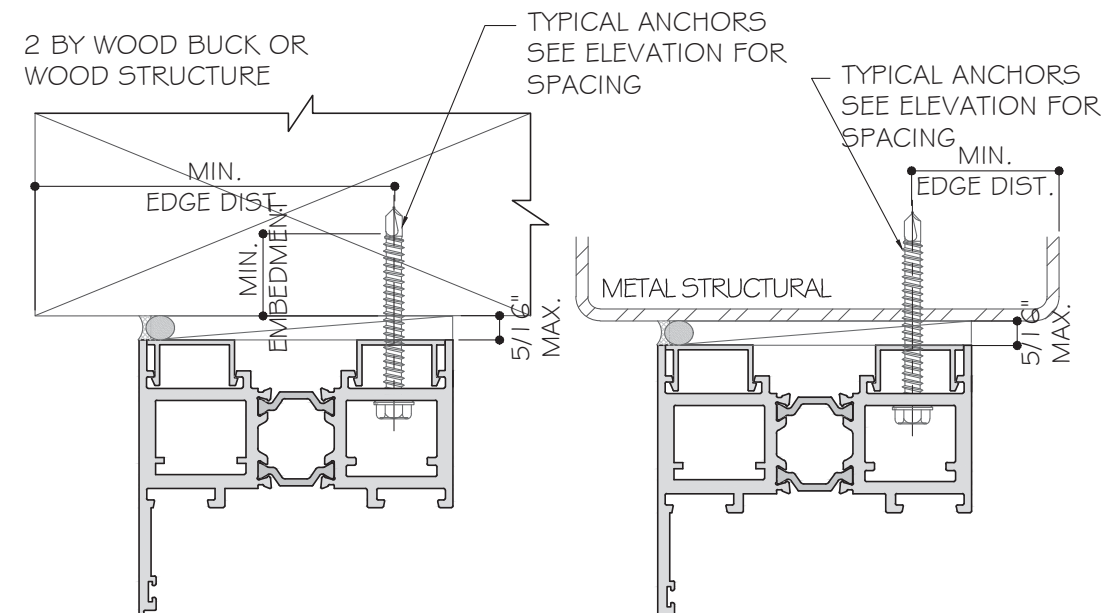
MCY ENGINEERING, INC.
GLAZING CONSULTANTS



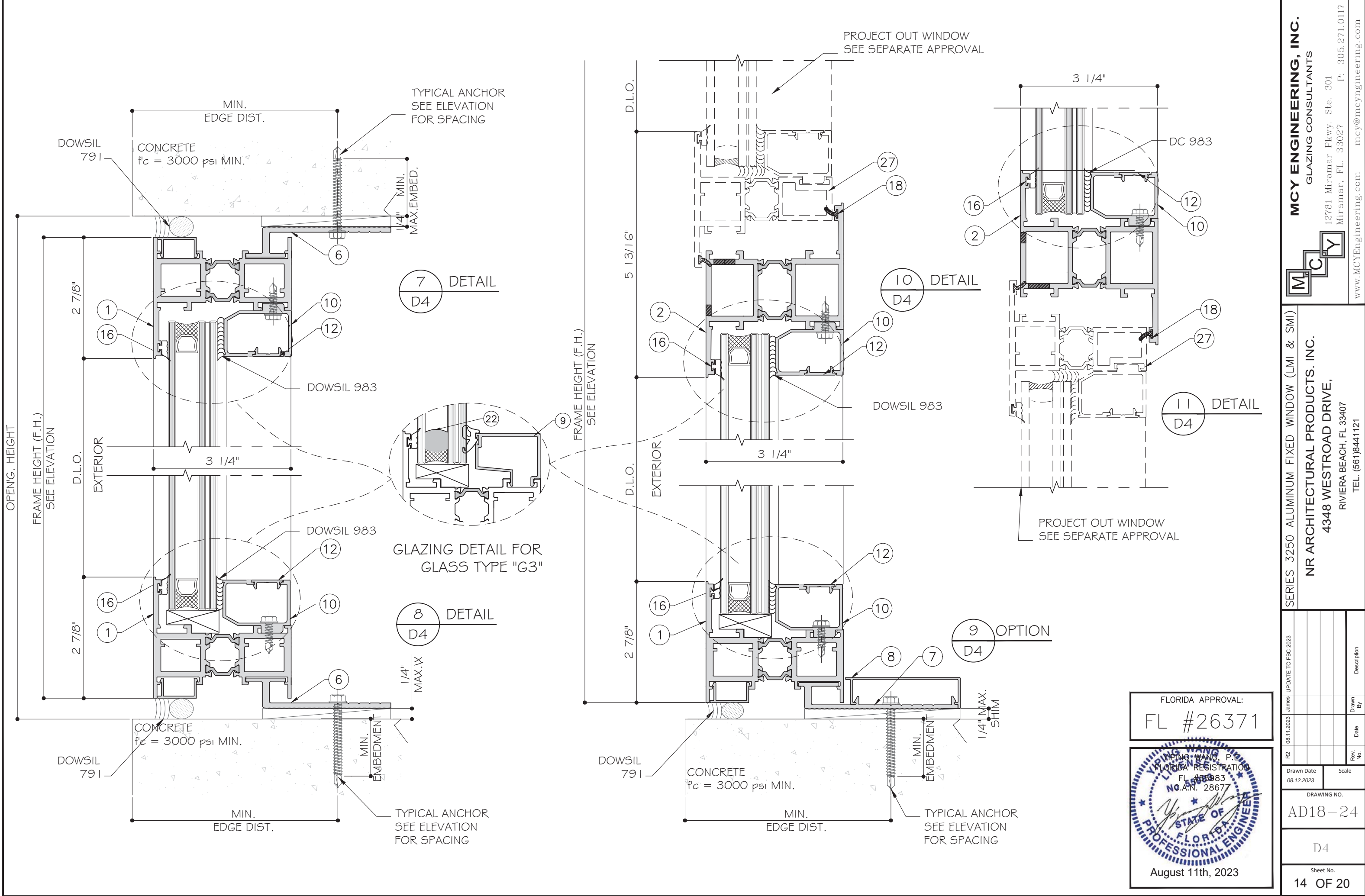
12781 Miramar Pkwy. Ste. 301

Miramar, FL 33027 P: 305.271.0117

[Engineering.com](#)
mcy@mcyengineering.com



SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)					
NR ARCHITECTURAL PRODUCTS, INC. 4348 WESTROAD DRIVE, RIVIERA BEACH, FL 33407 TEL. (561)8441121					
R2	08.11.2023	James	UPDATE TO FBC 2023		
Drawn Date 08.12.2023			Scale		
DRAWING NO.					
AD18-24					
D3					
Sheet No.					
13 OF 20					

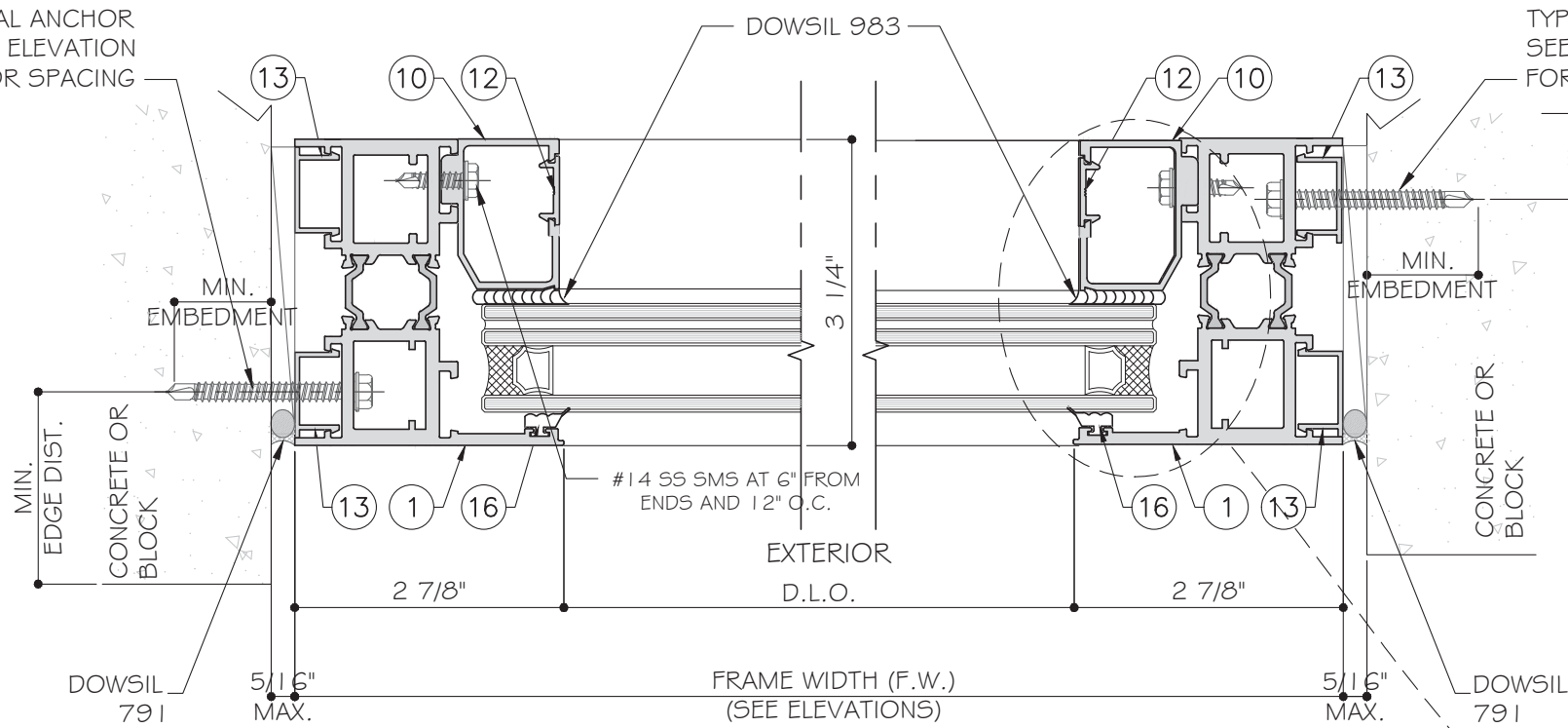


Rev. No.	Rev. Date	Rev. Description
R2	08.11.2023	UPDATE TO FBC 2023
Drawn Date	08.12.2023	Scale
DRAWING NO.		
AD18-24		
D4		
Sheet No.		
14 OF 20		

FLORIDA APPROVAL:
FL #26371

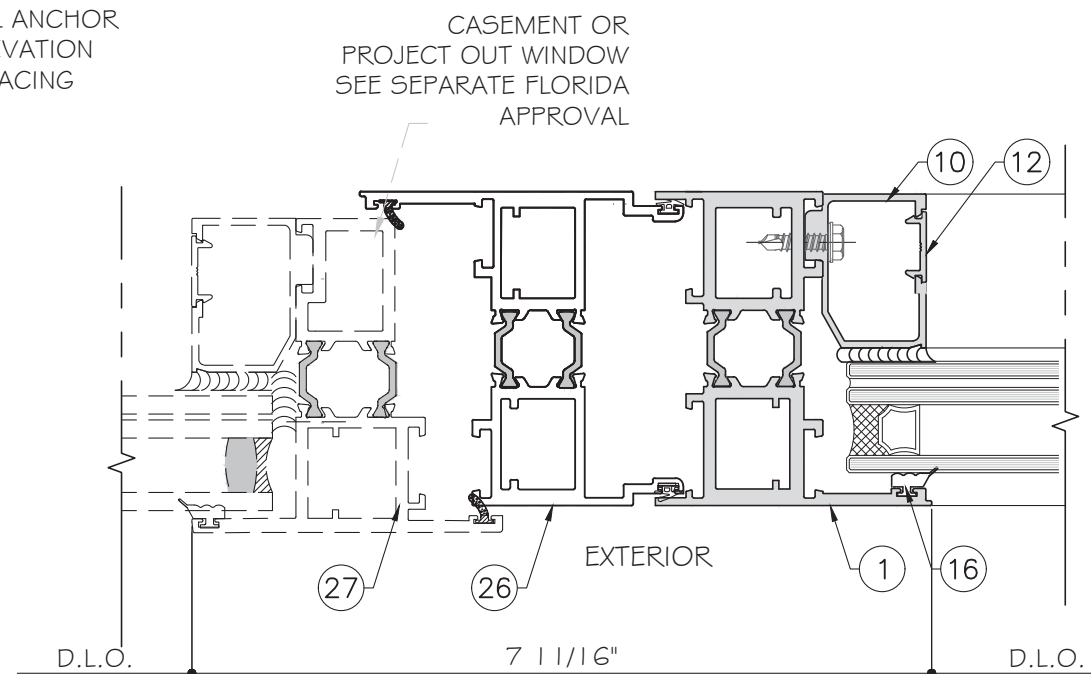
YIPING WANG, P.E.
FLORIDA REGISTRATION
FL #28677
NO. A.N. 28677
STATE OF FLORIDA
PROFESSIONAL ENGINEER
August 11th, 2023

TYPICAL ANCHOR
SEE ELEVATION
FOR SPACING

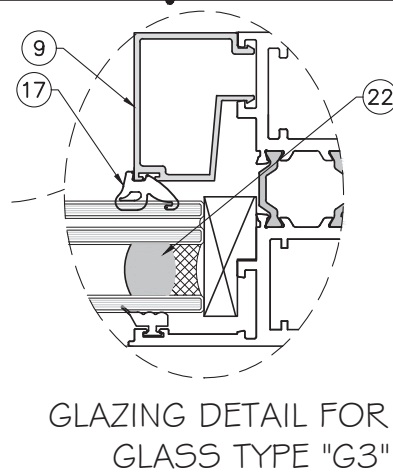


12
D5
DETAIL

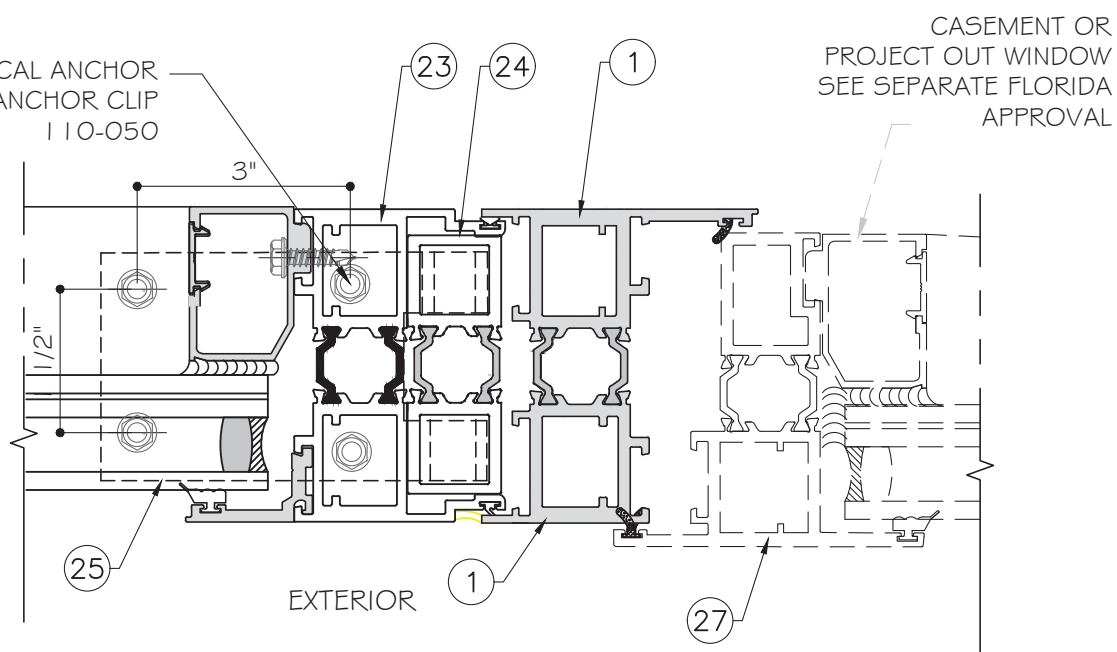
TYPICAL ANCHOR
SEE ELEVATION
FOR SPACING



14
D5
OPTION

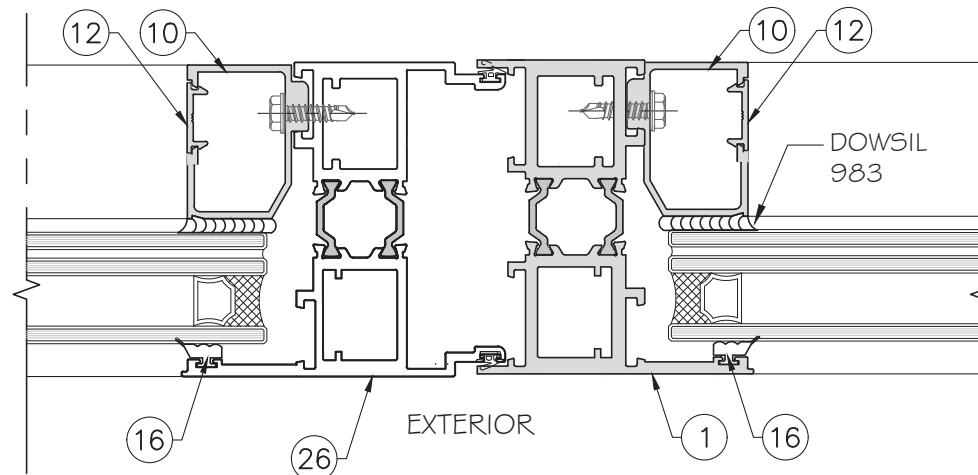


(4) TYPICAL ANCHOR
FOR ANCHOR CLIP
110-050



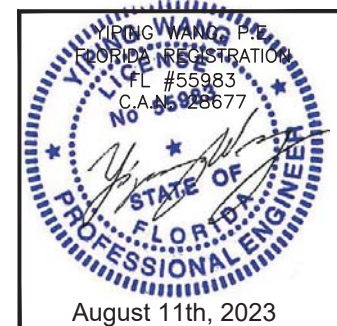
15
D5
OPTION

CASEMENT OR
PROJECT OUT WINDOW
SEE SEPARATE FLORIDA
APPROVAL

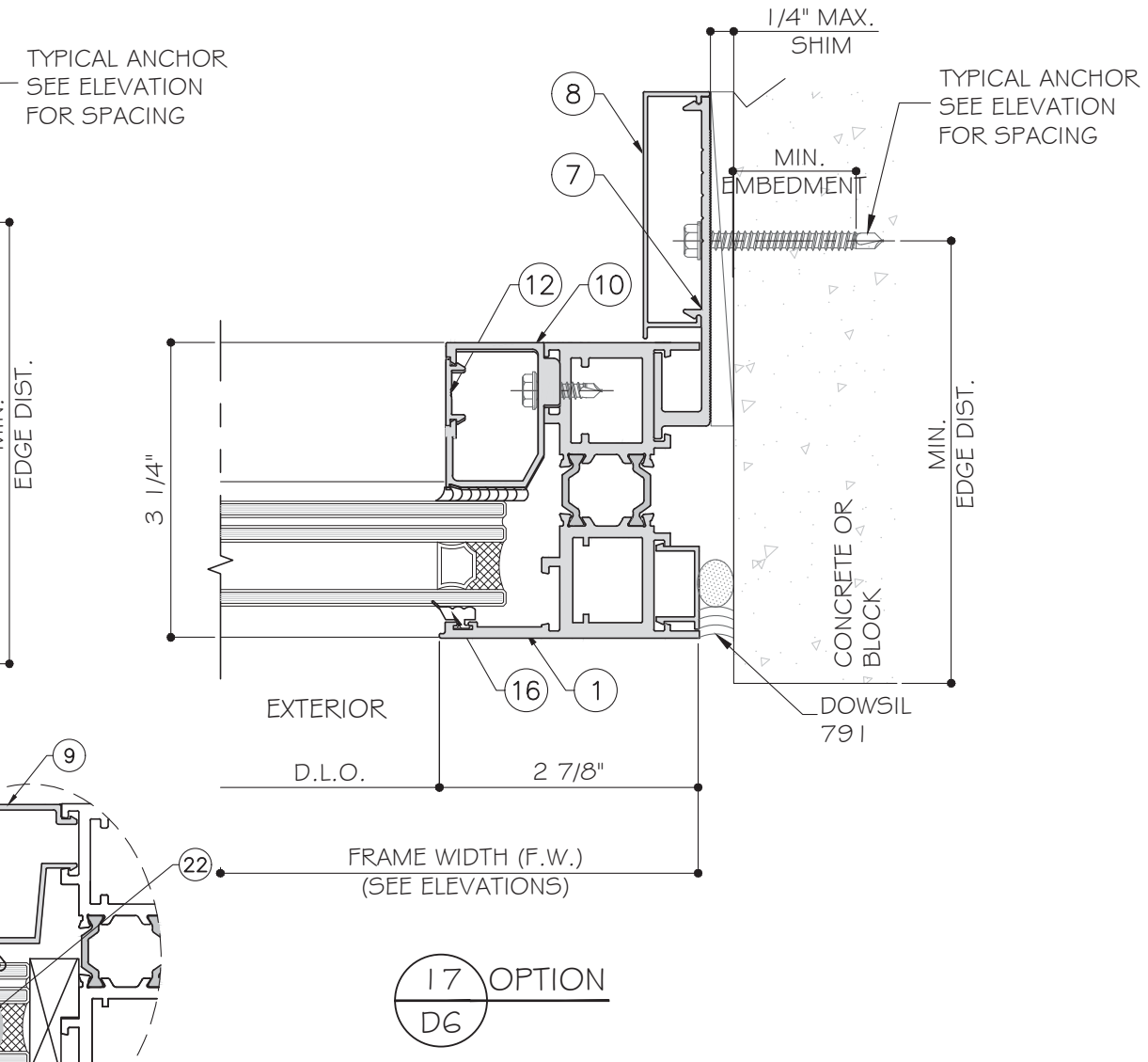
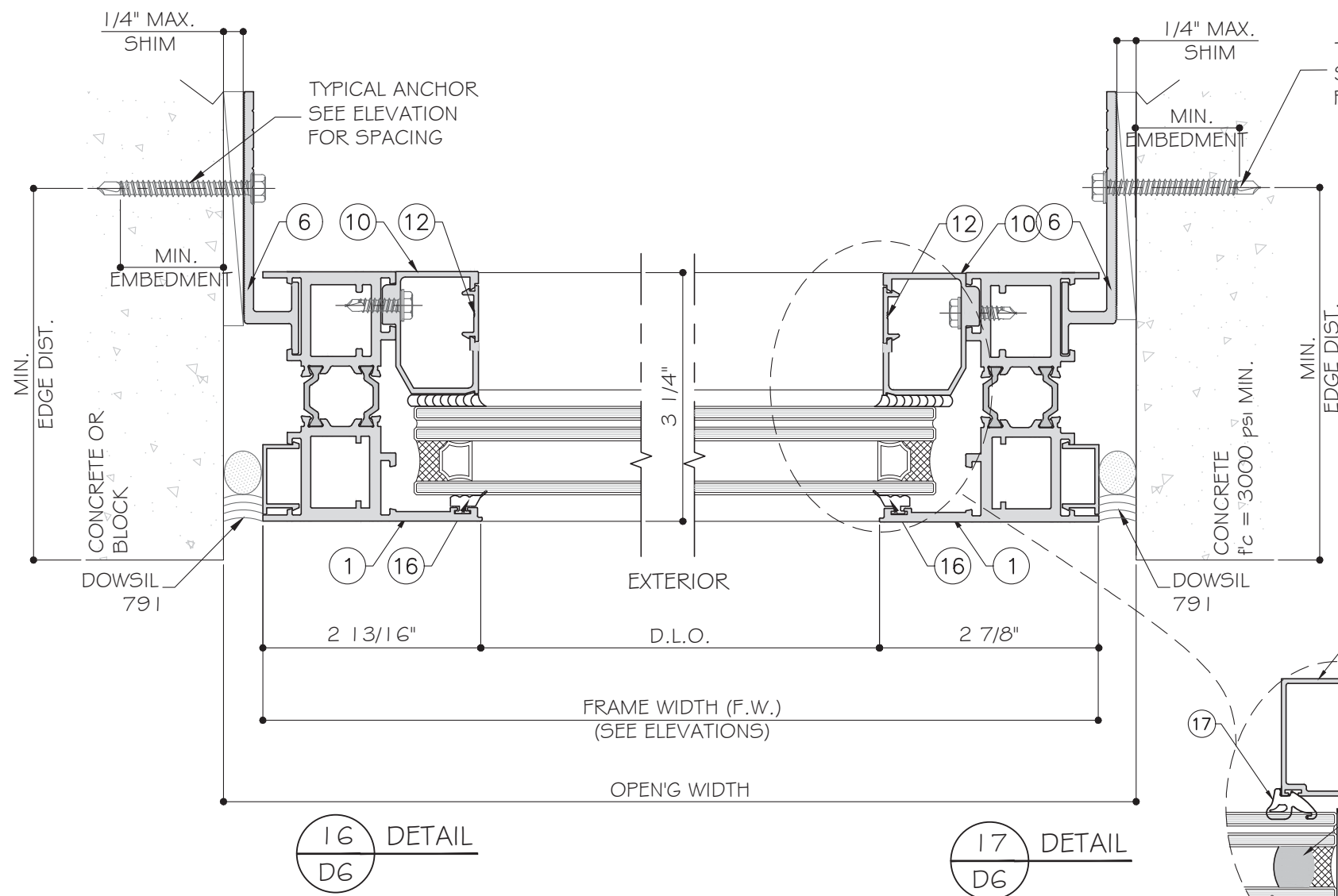


18
D5
OPTION

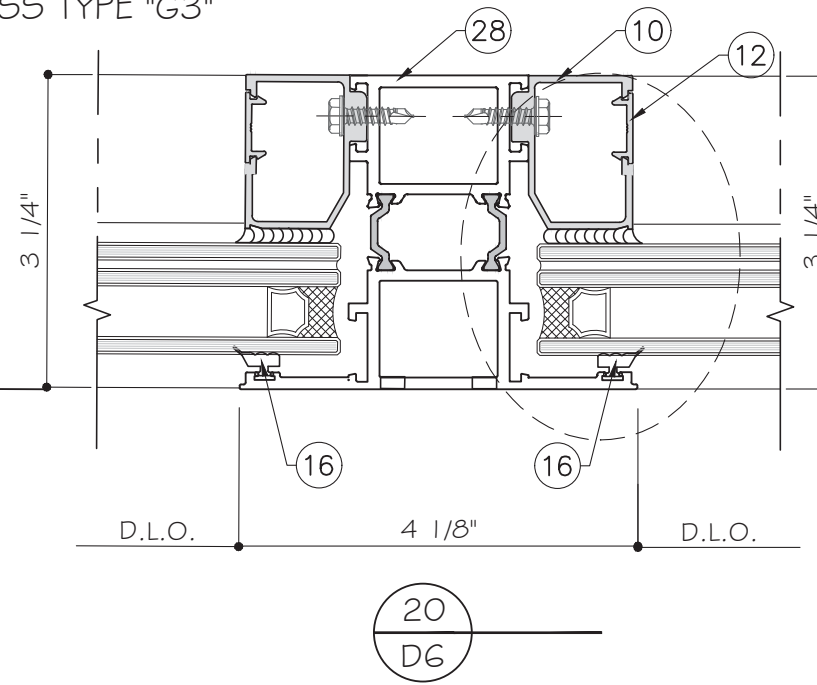
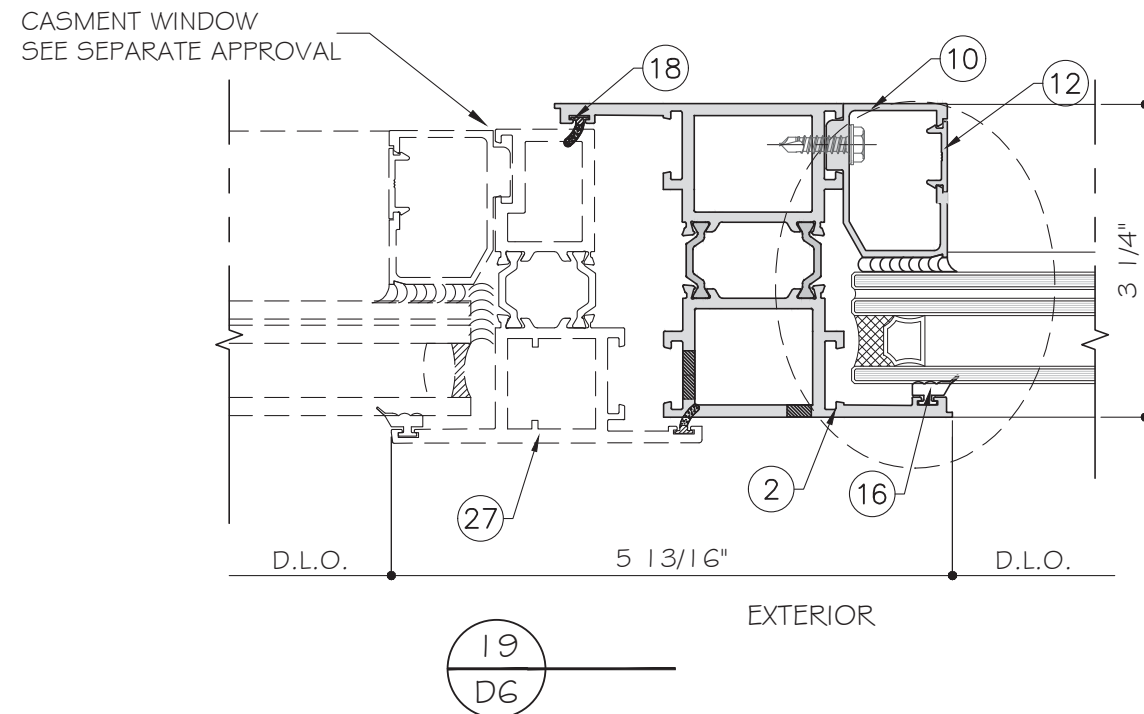
FLORIDA APPROVAL:
FL #26371



Rev. No.	Date	Drawn By	Description
P2	08.11.2023	James	UPDATE TO FBC 2023
Drawn Date 08.12.2023 Scale			
DRAWING NO. AD18-24			
D5			
Sheet No. 15 OF 20			



GLAZING DETAIL FOR
GLASS TYPE "G3"



FLORIDA APPROVAL:
FL #26371

YONG WANG, P.E.
FLORIDA REGISTRATION
FL #55983
C.A.#28677

August 11th, 2023

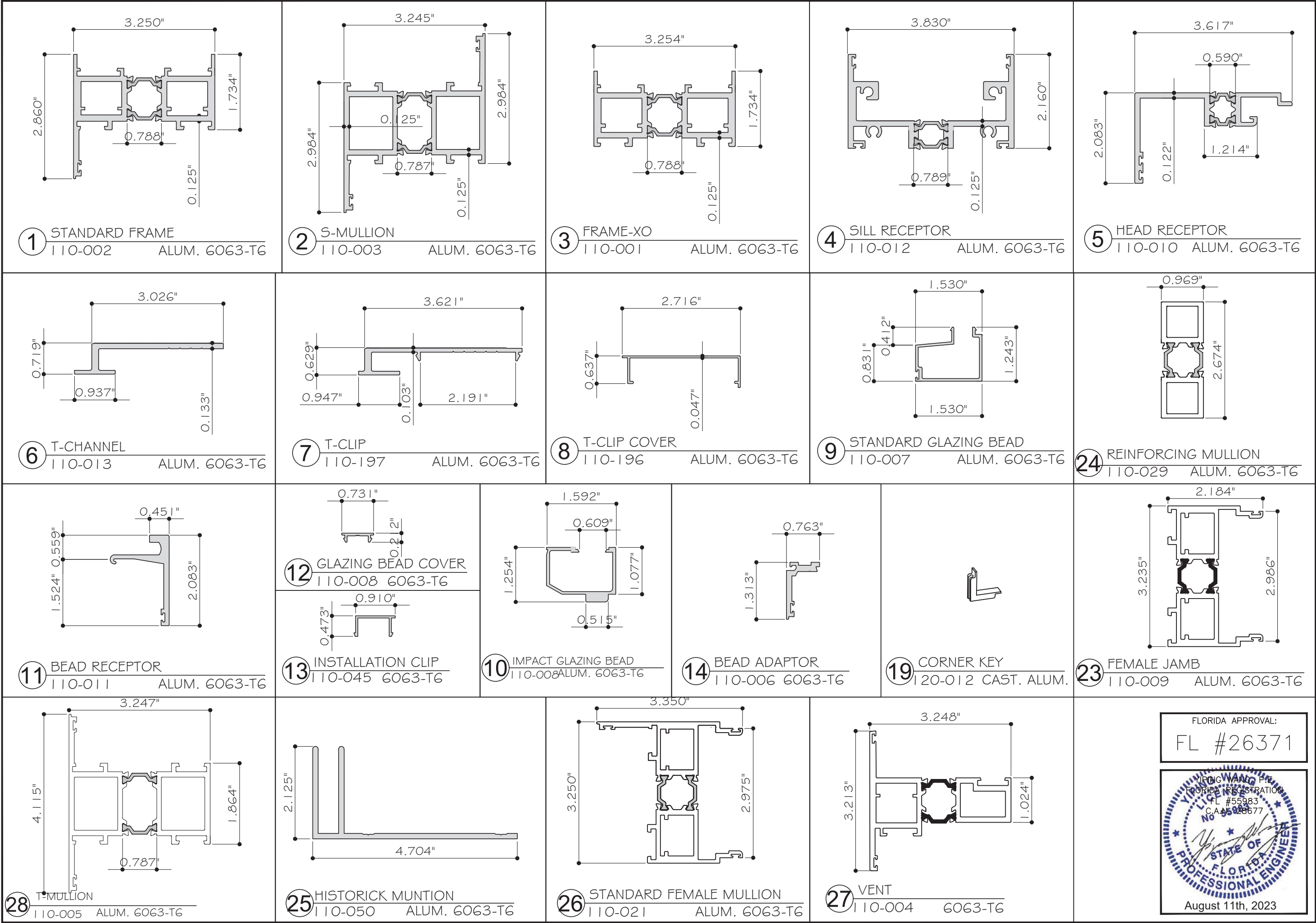
MCY ENGINEERING & INC.
GLAZING CONSULTANTS

12781 Miramar Pkwy. Ste. 301
Miramar, FL 33027
P: 305.271.0117
www.MCYEngineering.com mcy@mcyengineering.com

SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)

NR ARCHITECTURAL PRODUCTS, INC.
4348 WESTROAD DRIVE,
RIVIERA BEACH, FL 33407
TEL: (561)8441121

Rev. No.	Date	Drawn By	Description
P2	08.11.2023	James	UPDATE TO FBC 2023
Drawn Date	Scale		
08.12.2023			
DRAWING NO.			
AD18-24			
D6			
Sheet No.			
16 OF 20			



MCY

ENGINEERING, INC.

GLAZING CONSULTANTS

12781 Miramar Pkwy. Ste. 301
Miramar, FL 33027
P: 305.271.0117
www.MCYEngineering.com mcye@mcyengineering.com

SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)

NR ARCHITECTURAL PRODUCTS, INC.
4348 WESTROAD DRIVE,
RIVIERA BEACH, FL 33407
TEL. (561)8441121

Rev. No.	Rev. Date	Drawn By	Description
P2	08.11.2023	James	UPDATE TO FBC 2023
Drawn Date	08.12.2023	Scale	
DRAWING NO.			
AD18-24			
PARTS			
Sheet No.			
17 OF 20			

BILL OF MATERIALS	
-------------------	--

ITEM	PART	DESCRIPTION	MATERIAL	REMARKS
1	110-002	STANDARD FRAME	ALUM. 6063-T6	
2	110-003	S-MULLION	ALUM. 6063-T6	
3	110-001	FRAME-XO	ALUM. 6063-T6	
4	110-012	SILL RECEPTOR	ALUM. 6063-T6	
5	110-010	HEAD RECEPTOR	ALUM. 6063-T6	
6	110-013	T-CHANNEL	ALUM. 6063-T6	
7	110-197	T-CLIP	ALUM. 6063-T6	
8	110-196	T-CLIP COVER	ALUM. 6063-T6	
9	110-007	STANDARD GLAZING BEAD	ALUM. 6063-T6	
10	110-008	IMPACT GLAZING BEAD	ALUM. 6063-T6	
11	110-011	BEAD RECEPTOR	ALUM. 6063-T6	
12	110-008	IMPACT GLAZING BEAD COVER	ALUM. 6063-T6	
13	110-045	INSTALLATION CLIP	ALUM. 6063-T6	
14	110-006	BEAD ADAPTOR	ALUM. 6063-T6	
15	180-010	RECEPTOR GASKET	EPDM	DURAMETER 70 $\pm$ 5 SHORE A
16	180-011	GLAZING GASKET	EPDM	DURAMETER 70 $\pm$ 5 SHORE A
17	180-012	GLAZING WEDGE GASKET	EPDM	DURAMETER 70 $\pm$ 5 SHORE A
18	LS-GS-119/210-017	VENT SEAL FOAM	FOAM	
19	200-009	CORNER KEY	CAST. ALUMINUM	
20	180-014	SETTING BLOCK	EPDM (2/LITE)	DURAMETER <u>80</u> + 5 SHORE A
21	-	ALUMINUM SPACER	ALUMINUM	
22	180-029	SILICONE SPACER	SILICONE	
23	110-009	FEMALE JAMB	ALUM. 6063-T6	
24	110-029	REINFORCE MULLION	ALUM. 6063-T6	
25	110-050	HISTORICK MUNTION	ALUM. 6063-T6	
26	110-021	STANDARD FEMALE MULLION	ALUM. 6063-T6	
27	110-004	VENT	ALUM. 6063-T6	
28	110-005	T MULLION	ALUM. 6063-T6	
29	200-008	T -JUNCTION	CAST. ALUMINUM	

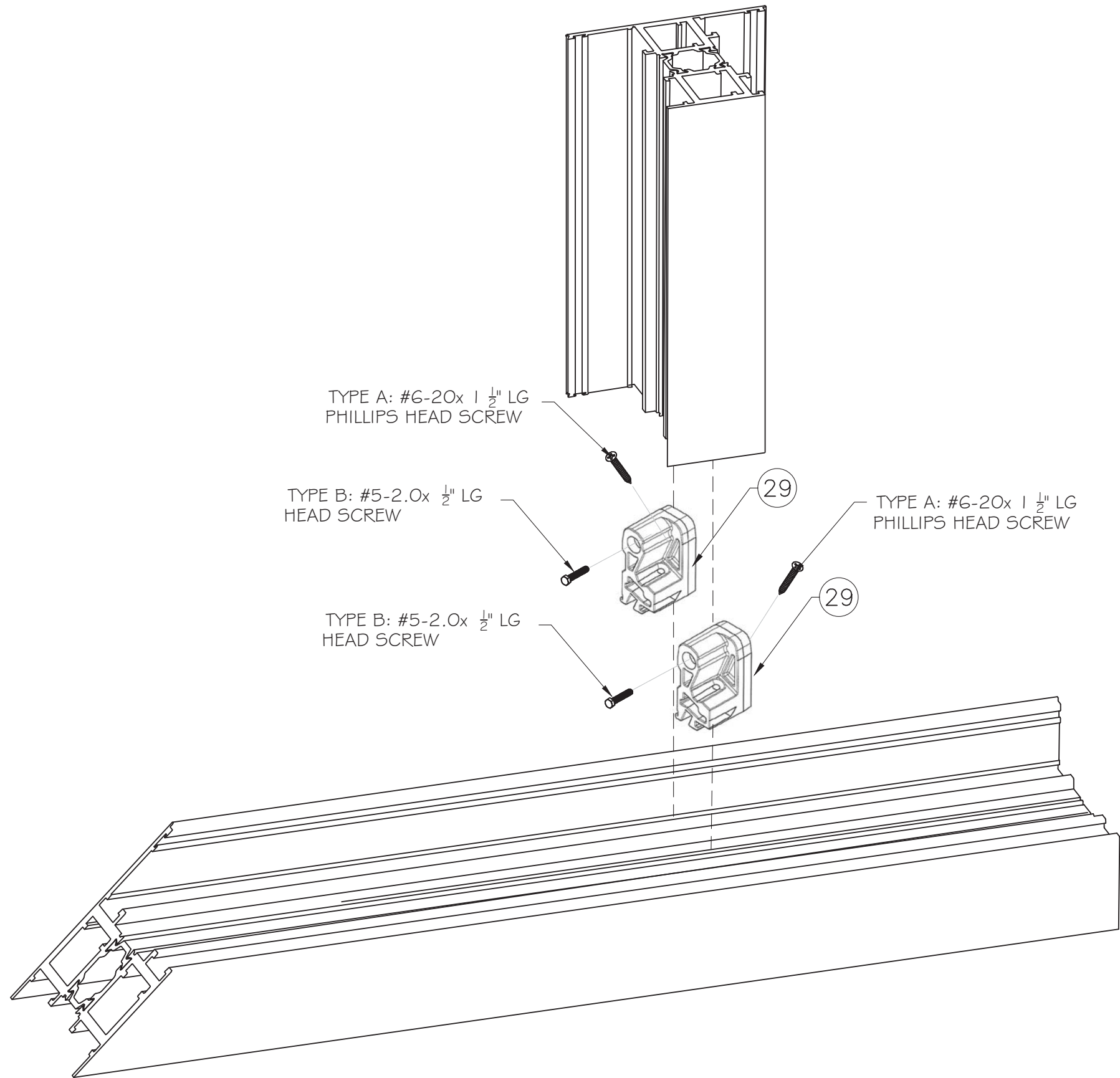
FL #26371

YIPING WANG, P.E.
FLORIDA REGISTRATION
FL #55983
C.A.#28677

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

August 11th, 2023

		MCY ENGINEERING, INC. GLAZING CONSULTANTS 12781 Miramar Pkwy. Ste. 301 Miramar, FL 33027 P: 305.271.0117 www.MCYEngineering.com mcy@mcyengineering.com	
SERIES 3250 ALUMINUM FIXED WINDOW (LMI & SMI)		NR ARCHITECTURAL PRODUCTS, INC. 4348 WESTROAD DRIVE, RIVIERA BEACH, FL 33407 TEL: (561)8441121	
R2	08.11.2023	James	UPDATE TO FBC 2023
Drawn Date 08.12.2023	Scale		
DRAWING NO. AD18-24			
BOM			
Sheet No. 18 OF 20			



"T" - JUNCTION CONNECTION

FLORIDA APPROVAL:
FL #26371

YIPIN WANG
FLORIDA REGISTRATION
FL #55983
C.A.#28677

August 11th, 2023