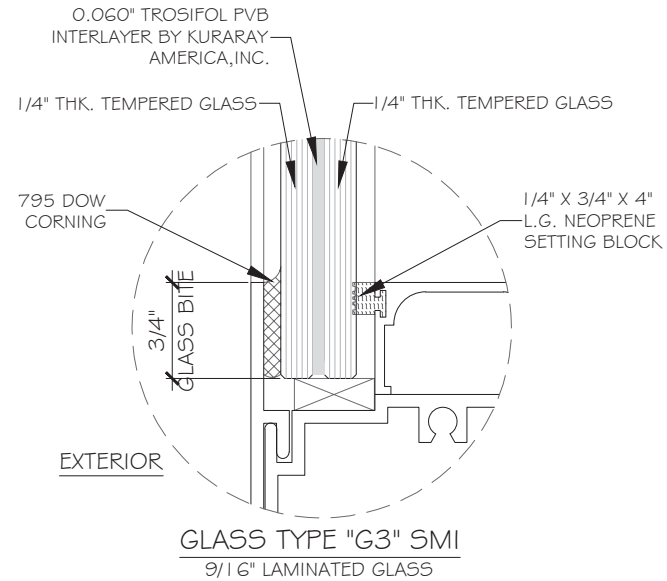
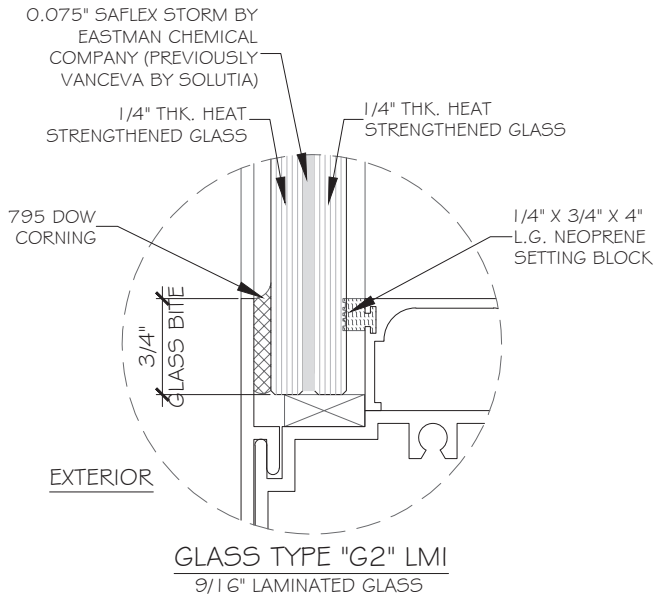
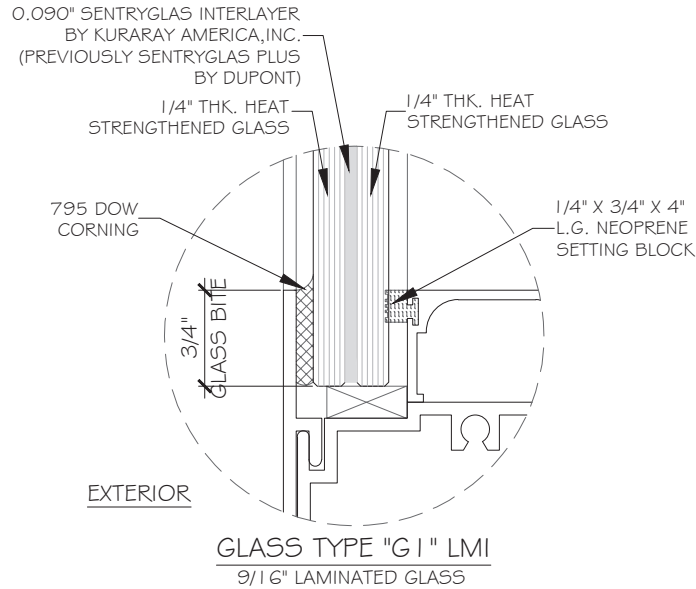


CONTINENTAL GLASS SYSTEMS, INC.
SERIES 9000 ALUMINUM WINDOW WALL SYSTEM
LARGE AND SMALL MISSILE IMPACT



GENERAL NOTES:

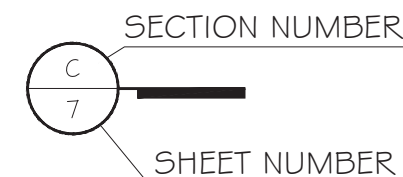
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION FLORIDA BUILDING CODE (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOW WALL RATED FOR LARGE (LEVEL D) & SMALL MISSILE IMPACT. UP TO 30 FT OF GRADE, USE LARGE MISSILE IMPACT SYSTEMS. ABOVE 30 FT OF GRADE, USE SMALL MISSILE IMPACT SYSTEMS.
- 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 8TH EDITION FLORIDA BUILDING CODE (2023) SECTION AS APPLICABLE.
- 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.
- 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.
- SEALANT: ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION SEALED WITH SILICONE SEALANT.

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 THIS SHEET FOR GLASS OPTIONS. SEE SHEET E1 & E2 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE BASED ON APPLICABLE WIND DURATION.
- STEP 3: CHECK MULLION AND JAMB CAPACITY FOR A GIVEN SPACING AND HEIGHT USING CHARTS ON E1 & E2. THE CAPACITY SHOULD EXCEED THE JOB DESIGN LOAD.
- STEP 4: SEE SHEET D1 FOR ANCHOR CONDITION.
- STEP 5: THE LOWEST VALUE RESULTING FROM STEPS 2, 3 AND 4 SHALL APPLY TO ENTIRE SYSTEM.

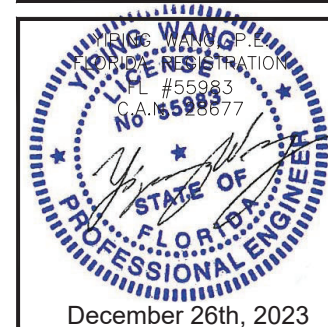
ABBREVIATIONS AND SYMBOLS

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



FLORIDA APPROVAL:

FL#39813



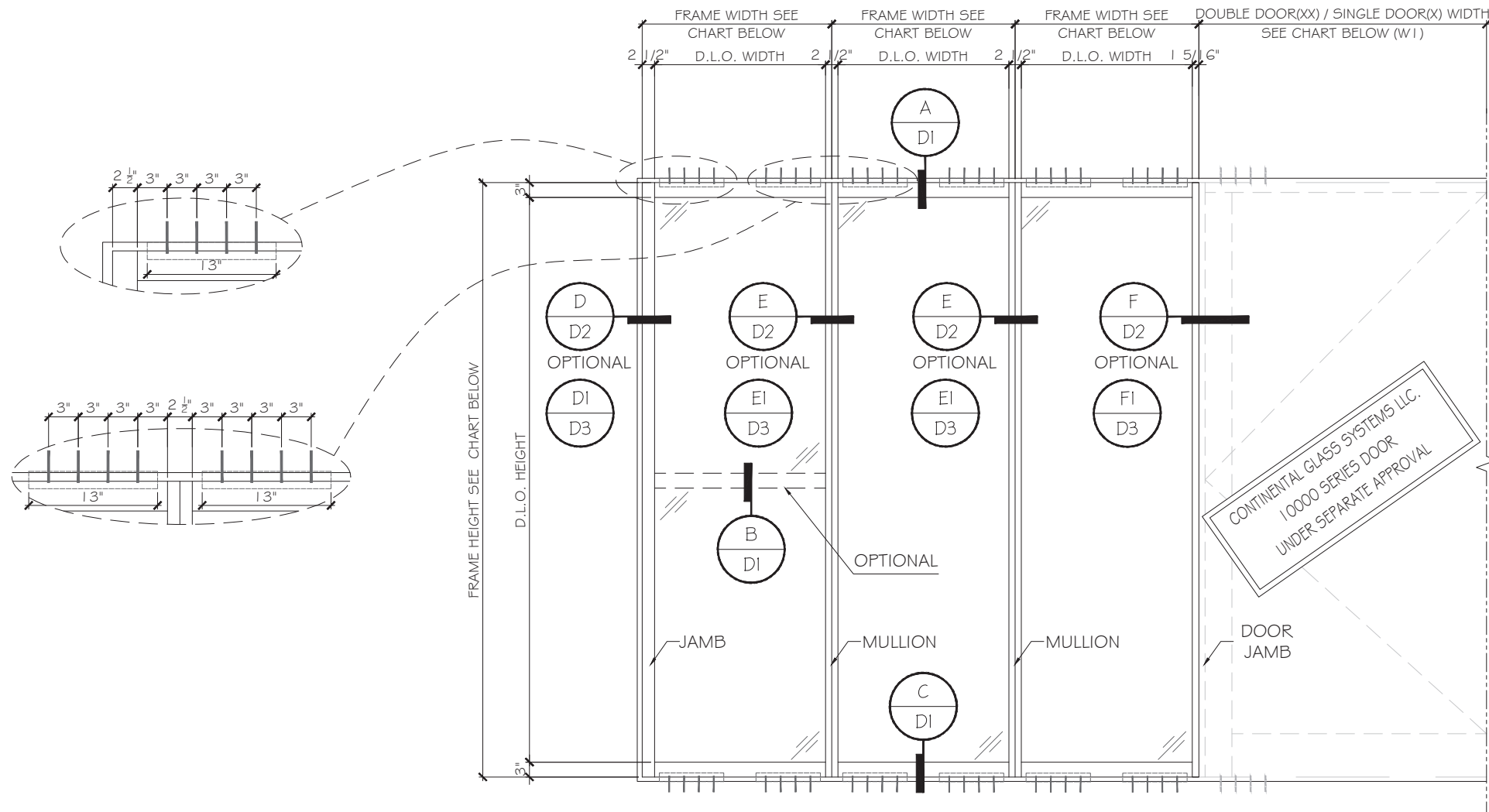
9000 ALUMINUM WINDOW WALL SYSTEM LMI & SMI

LUMINUM WINDOW WALL SYSTEM LMI
CONTINENTAL GLASS SYSTEMS
325 WEST 74 PLACE

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

 12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.271.0117
www.MCYEngineering.com mcy@mcyengineering.com

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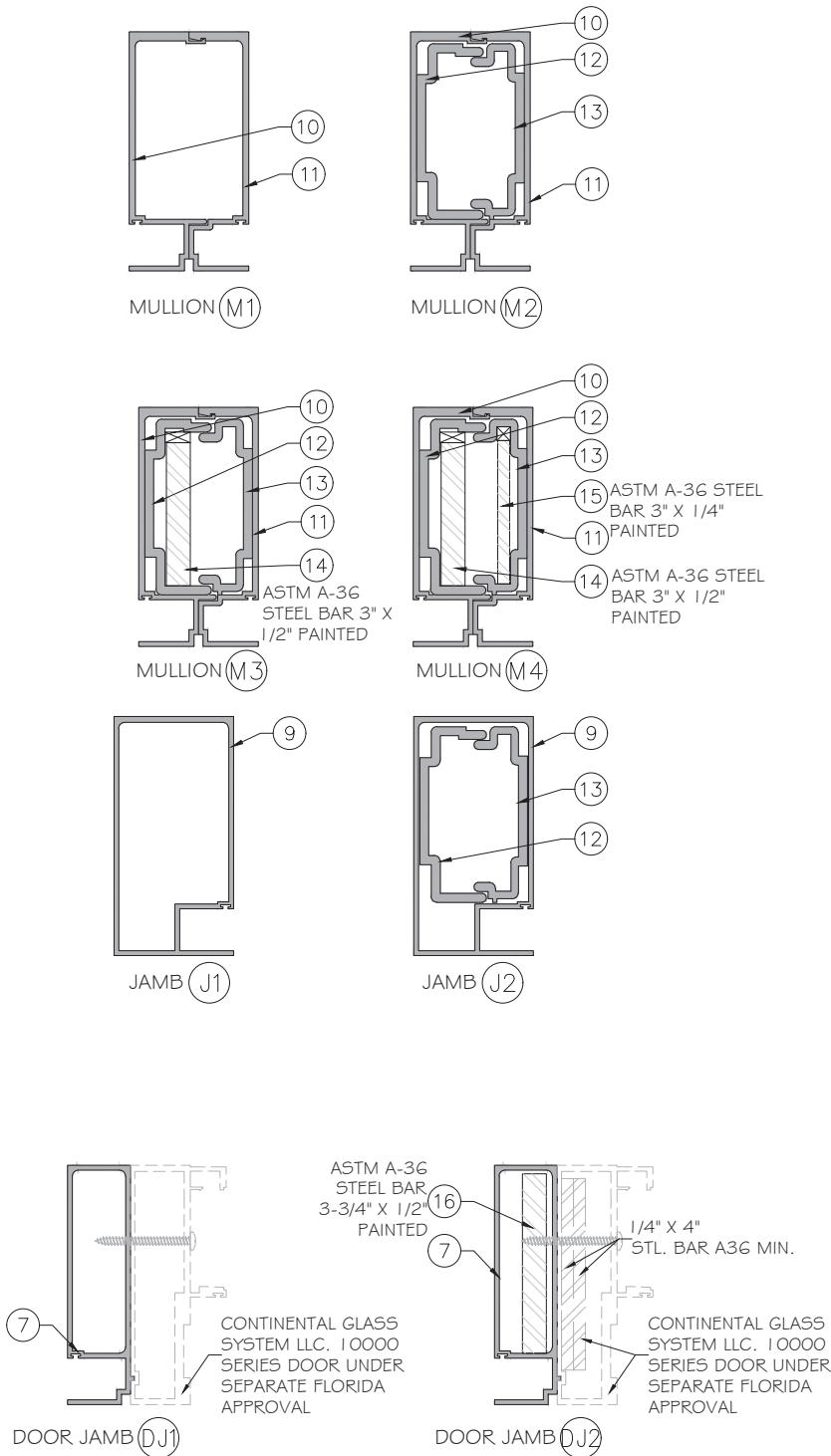
TYPICAL EXTERIOR ELEVATION

MULLION/ JAMB DESIGN LOAD CAPACITY - PSF				
FRAME WIDTH	FRAME HEIGHT	MULLION / JAMB TYPE	GLASS TYPE	DESIGN LOAD
in	in	-	-	(+/-)psf
40	108	M1, J1	G1, G2, G3	70
45		M1, J1	G1, G2, G3	60
50 1/2		M2, J1	G1, G2, G3	100
50 1/2		M3, J1	G1, G2, G3	110
37	120	M1, J1	G1, G2, G3	55
37		M2, J1	G1, G2, G3	100
46		M3, J2	G1, G2, G3	110
50 1/2		M4, J2	G1, G2, G3	110

FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC.

DOOR JAMB DESIGN LOAD CAPACITY - PSF				
FRAME WIDTH	FRAME HEIGHT	DOOR JAMB TYPE	DOOR WIDTH (W1)	DESIGN LOAD
in	in	-	in	(+/-)psf
45	108	DJ1	44 3/4 (X)	90
45		DJ1	86 (XX)	90
50 1/2		DJ2	44 3/4 (X)	110
50 1/2		DJ2	86 (XX)	110
50 1/2	120	DJ2	44 3/4 (X)	110
50 1/2		DJ2	86 (XX)	110

FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC.



FLORIDA APPROVAL:
FL#39813

YIPING WANG
P.E.
FLORIDA
LICENSE #55983
C.A.#128677
December 26th, 2023

MCY ENGINEERING, INC.
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9000 ALUMINUM WINDOW WALL SYSTEM LMI & SMI

CONTINENTAL GLASS SYSTEMS

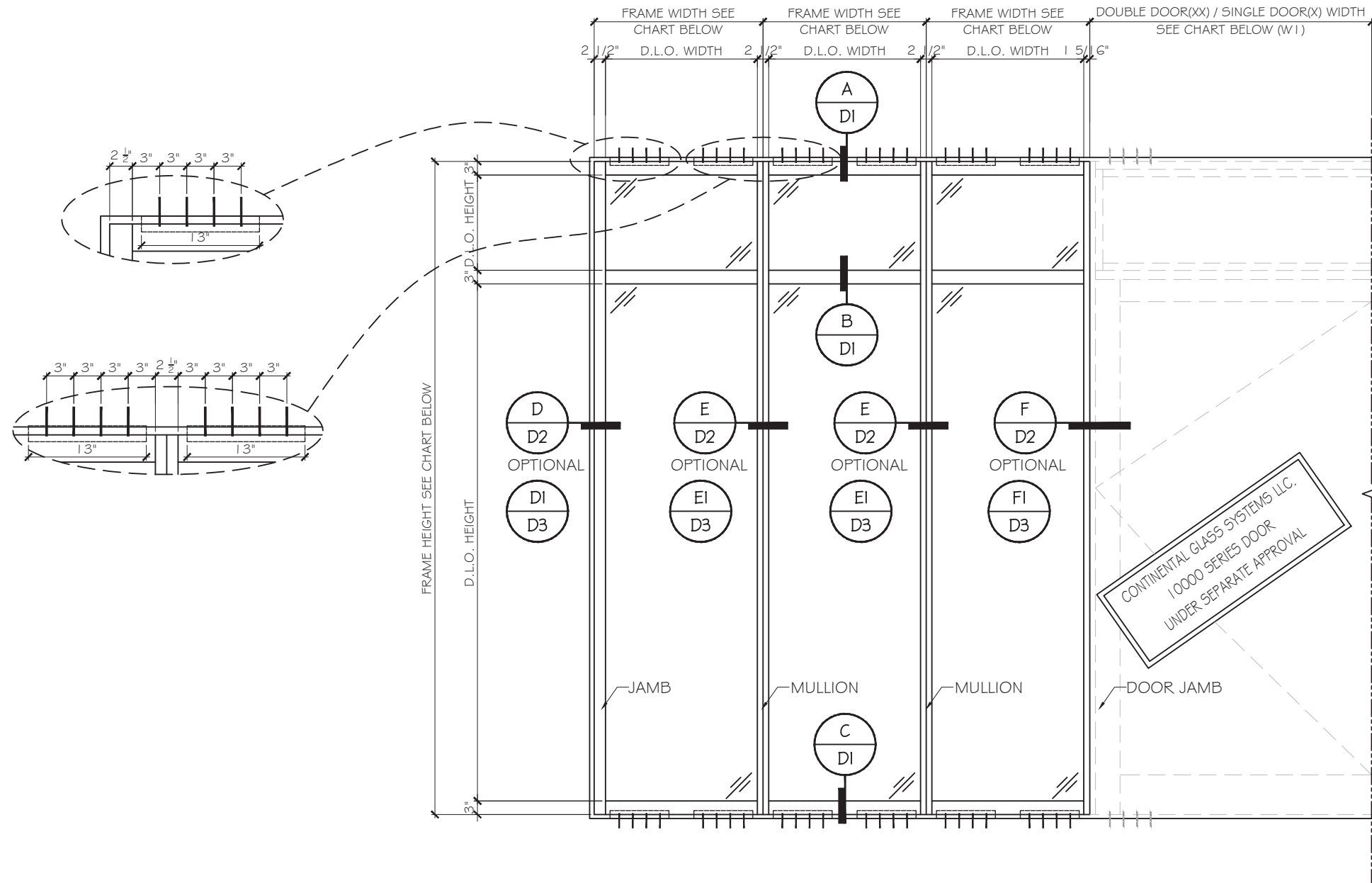
325 WEST 74 PLACE,
HIALEAH, FL 33014
TEL. (305) 231-1101

Drawn Date	12/22/2023	Scale	
Drawn By	James	Date	12/22/2023
Rev. No.	1.	Description	UPDATE FBC 2023

DRAWING NO.
AD23-47

E1

Sheet No.
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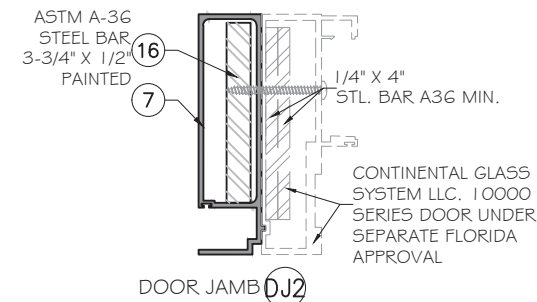
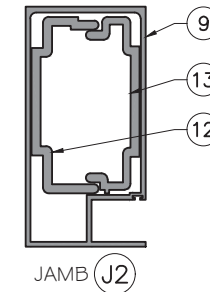
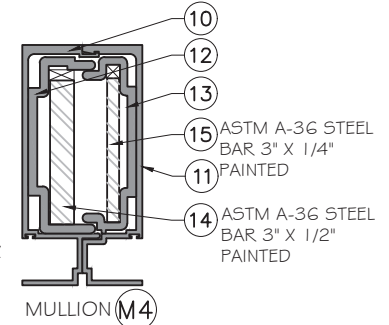
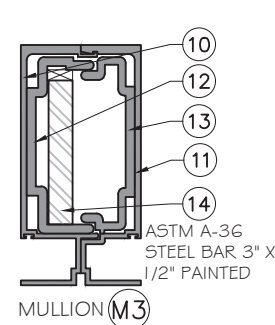
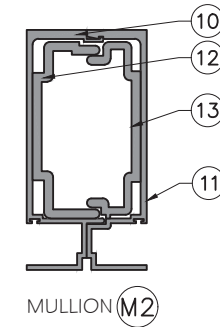
TYPICAL EXTERIOR ELEVATION

MULLION/ JAMB DESIGN LOAD CAPACITY - PSF				
FRAME WIDTH	FRAME HEIGHT	MULLION / JAMB TYPE	GLASS TYPE	DESIGN LOAD
in	in	-	-	(+/-)psf
36	144	M2, J2	G1, G2, G3	60
37		M3, J2	G1, G2, G3	70
37		M4, J2	G1, G2, G3	90

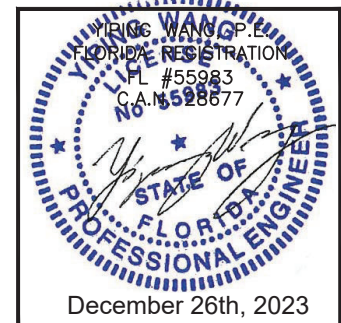
FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC.

DOOR JAMB DESIGN LOAD CAPACITY - PSF				
FRAME WIDTH	FRAME HEIGHT	DOOR JAMB TYPE	DOOR WIDTH (W1)	DESIGN LOAD
in	in	-	in	(+/-)psf
50 1/2	144	DJ2	44 3/4 (X)	90
37		DJ2	86 (XX)	90

FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC.



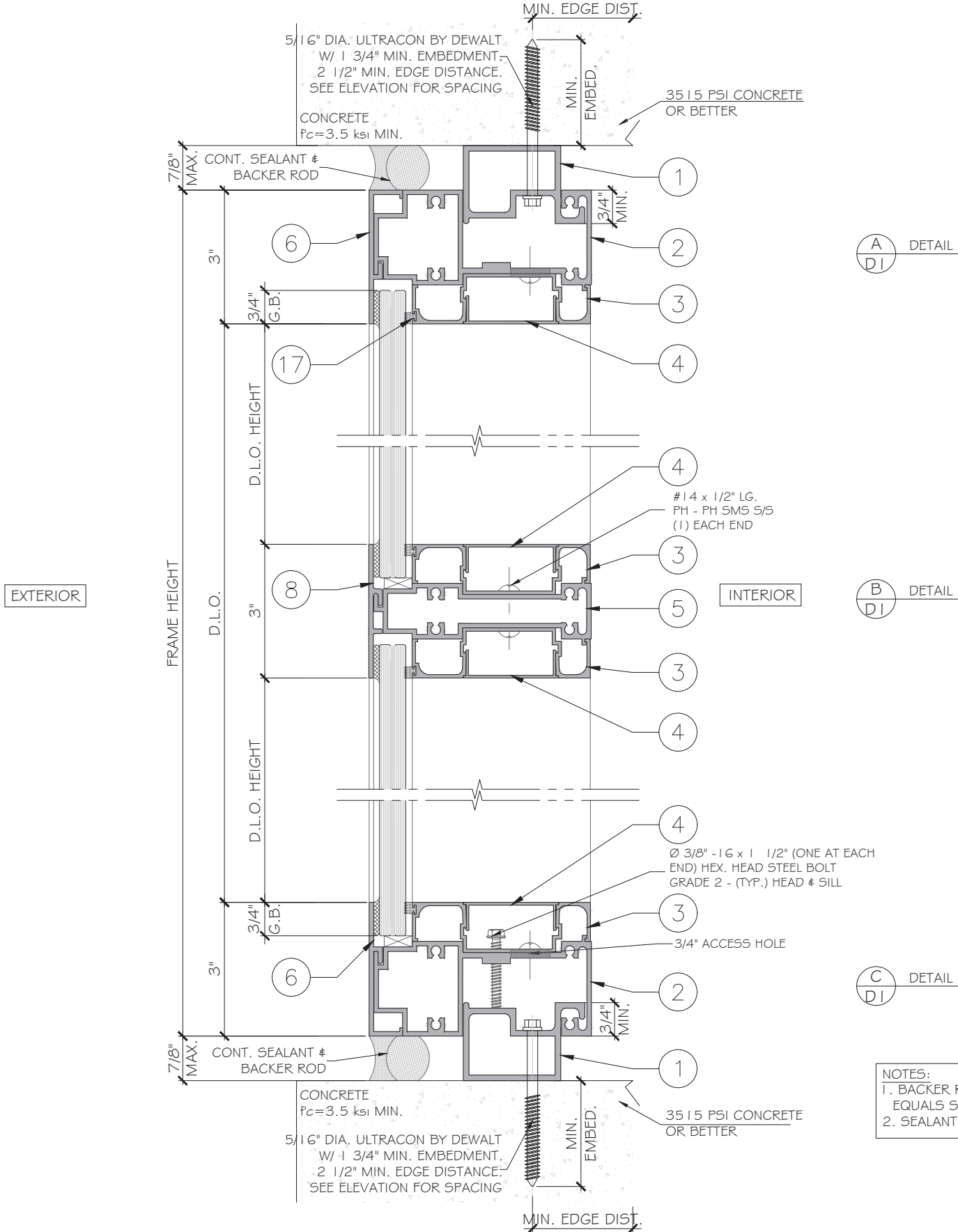
FLORIDA APPROVAL:
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9000 ALUMINUM WINDOW WALL SYSTEM LMI & SMI
CONTINENTAL GLASS SYSTEMS
325 WEST 74 PLACE,
HIALEAH, FL 33014
TEL. (305) 231-1101

Rev. No.	Date	Drawn By	Description
1.	12/22/2023	James	UPDATE FBC 2023
Drawn Date 12/22/2023 Scale			
Drawing No. AD23-47			
Sheet No. 3 OF 10			



FLORIDA APPROVAL:
FL#39813

YIPING WANG
PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE #55983
REGISTRATION NO. 559877

December 26th, 2023

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

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Drawn Date
12/22/2023

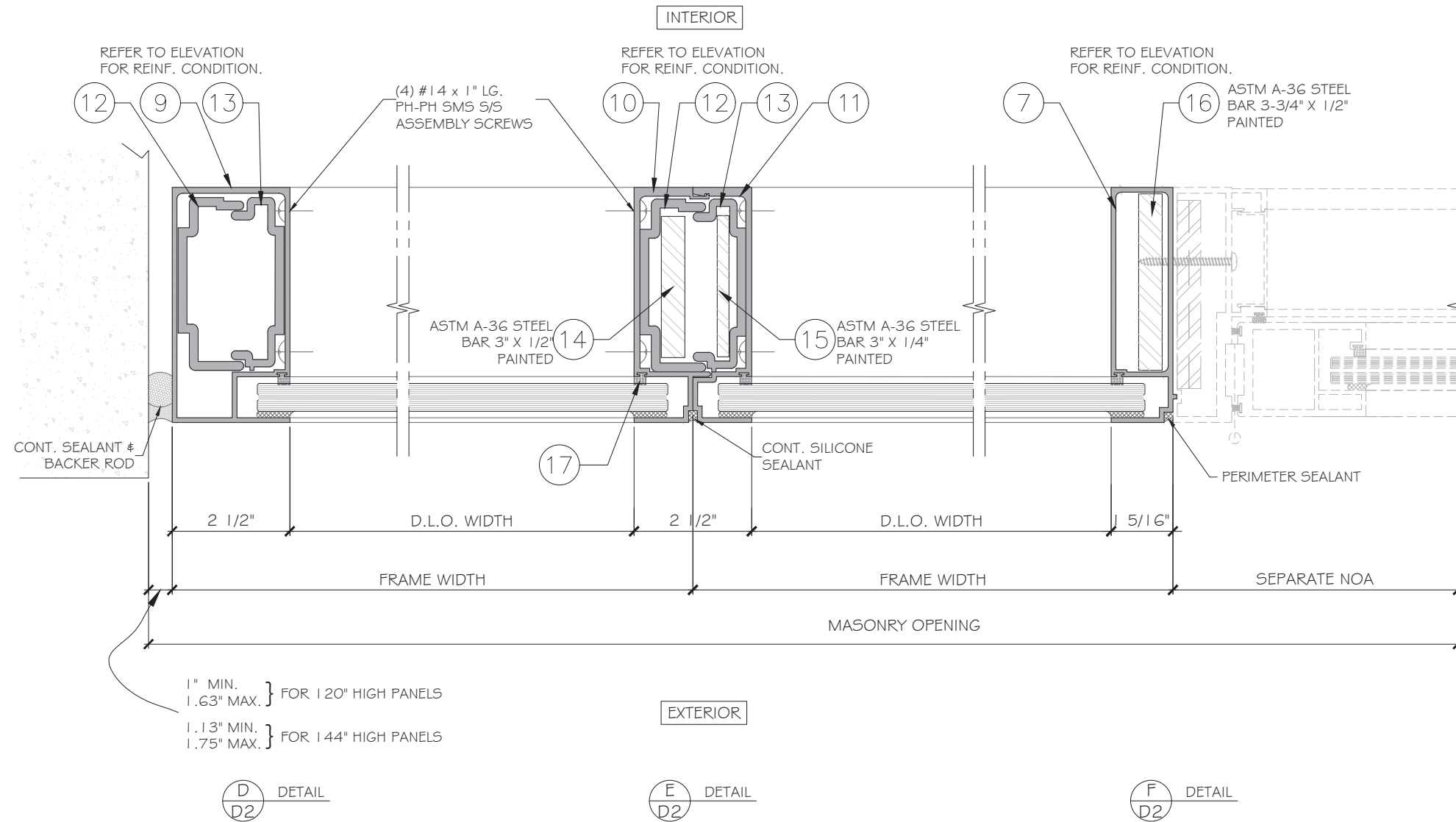
Scale

DRAWING NO.

AD23-47

SHEET NO.

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NOTES:
1. BACKER ROD DIAMETER
EQUALS SEAL WIDTH X 120%
2. SEALANT DEPTH IS 1/2".

FLORIDA APPROVAL:

FL#39813

YIPING WANG, P.E.
Professional Engineer
License #55983
C.A.#128677

December 26th, 2023

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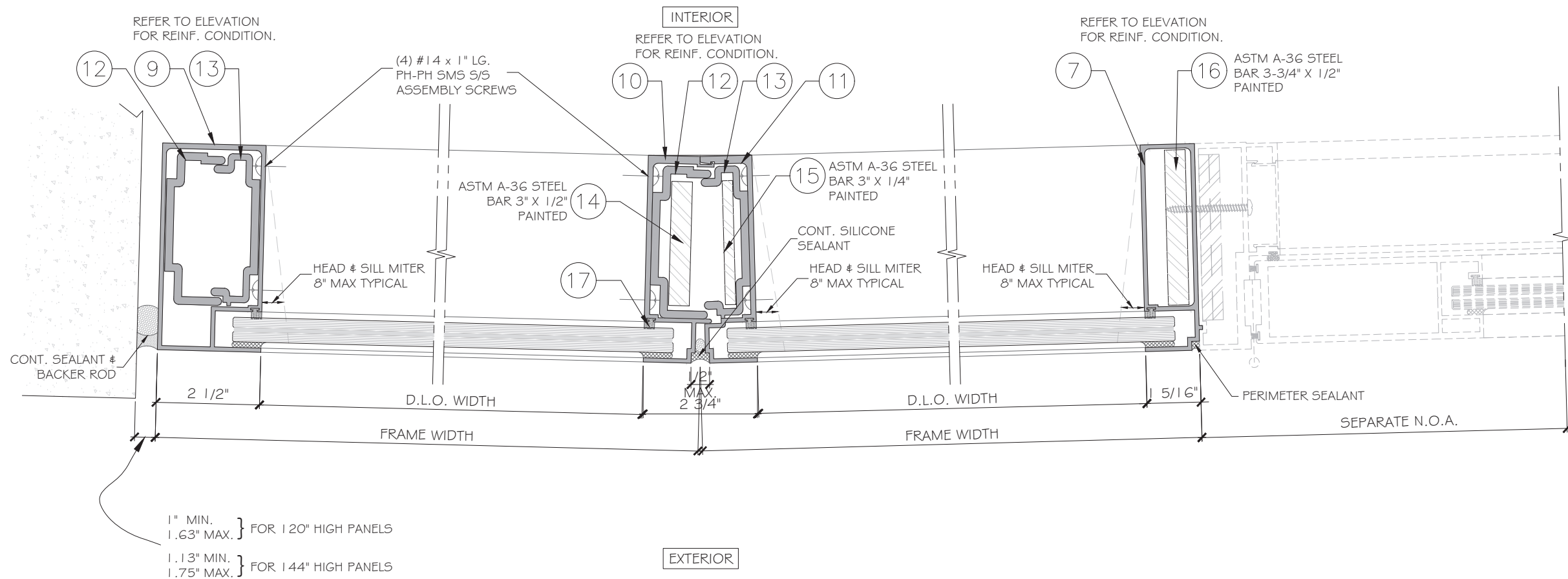
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Scale:

Drawing No. AD23-47

Sheet No. 5 OF 10

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MIRAMAR, FL 33027
P: 305.271.0117
www.MCYEngineering.com mcy@mcyengineering.com



NOTES:
1. BACKER ROD DIAMETER
EQUALS SEAL WIDTH X 120%
2. SEALANT DEPTH IS 1/2\"/>

1\"/>
1.63\" MAX. } FOR 120\" HIGH PANELS
1.13\" MIN.
1.75\" MAX. } FOR 144\" HIGH PANELS

D1
D3
OPTION

E1
D3
OPTION

F1
D3
OPTION

FLORIDA APPROVAL:
FL#39813

YIPING WANG, P.E.
PROFESSIONAL ENGINEER
FLORIDA
LICENSE #55983
C.A.#128677
December 26th, 2023

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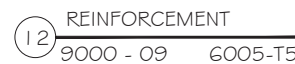
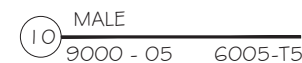
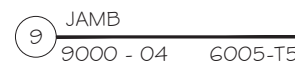
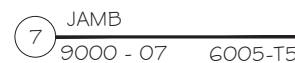
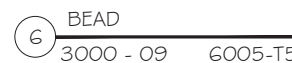
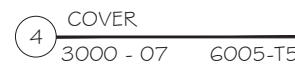
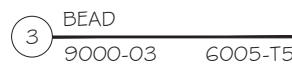
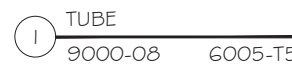
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D1
D3
OPTION

E1
D3
OPTION

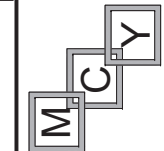
F1
D3
OPTION



FL#39813

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9000 ALUMINUM WINDOW WALL SYSTEM LMI & SMI	MCY ENGINEERING, INC. GLAZING CONSULTANTS
CONTINENTAL GLASS SYSTEMS 325 WEST 74 PLACE, HIALEAH, FL 33014	12781 MIRAMAR PKWY. STE. 301 MIRAMAR, FL 33027 P: 305.271.0101
TEL. (305) 231-1101	
	www.MCYEngineering.com mcv@mcvengeengineering.com



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ITEM NUMBER	PART NUMBER	PART NAME	ALLOY & TEMPER	9000 ALUMINUM WINDOW WALL SYSTEM LMI & SMI CONTINENTAL GLASS SYSTEMS 325 WEST 74 PLACE, HIALEAH, FL 33014 TEL. (305) 231-1101 FLORIDA APPROVAL: FL#39813 YONG WANG P.E. PROFESSIONAL ENGINEER FL #55983 C.A.#559877 December 26th, 2023				9000 ALUMINUM WINDOW WALL SYSTEM LMI & SMI		CONTINENTAL GLASS SYSTEMS		325 WEST 74 PLACE, HIALEAH, FL 33014 TEL. (305) 231-1101																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
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FLORIDA APPROVAL:
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December 26th, 2023

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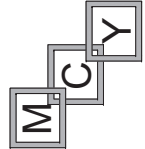
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AD23-47

3D

Sheet No.
9 OF 10



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