

CONTINENTAL GLASS SYSTEMS, LLC.
SERIES 3100 - WINDOW WALL SYSTEMS
LARGE & 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.
- METAL STRUCTURAL AND/ OR WOOD STRUCTURAL 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.

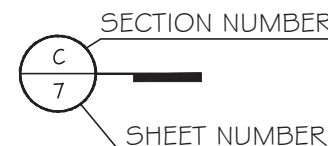
INSTRUCTIONS:

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 G1 FOR GLASS OPTIONS. SEE SHEET G2 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 SHEET M-1 THROUGH M-3. THE CAPACITY SHOULD EXCEED THE JOB DESIGN LOAD.
- STEP 4: USING CHART ON SHEETS A1 & A2 SELECT ANCHOR OPTION WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- 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

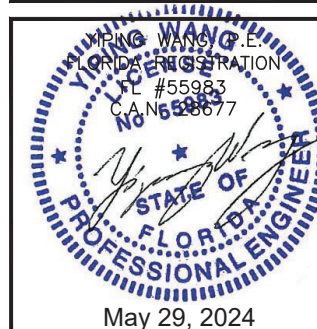


LIMITATIONS OF USE

- 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 #29215.1



SERIES 3100 - WINDOW WALL SYSTEMS (LMI & SMI)

CONTINENTAL GLASS SYSTEMS LLC.

3325 WEST 74TH PLACE HIALEAH, FL. 33014

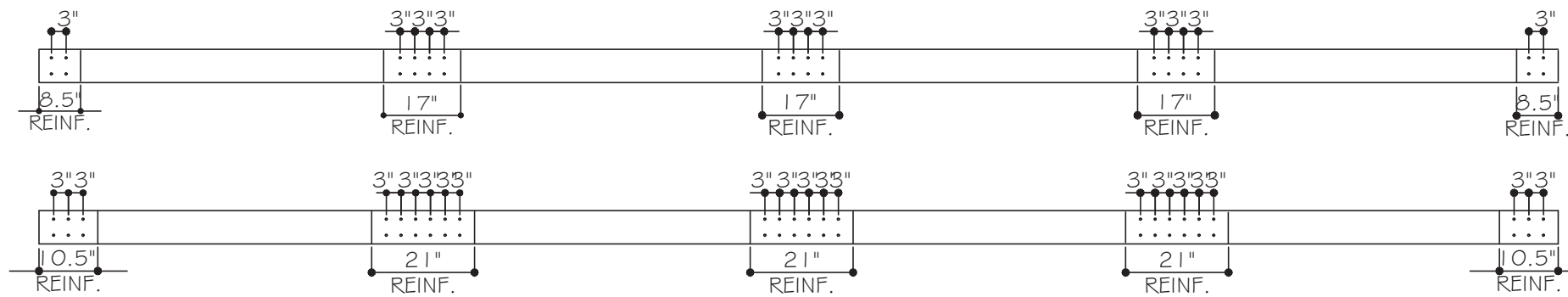
TEL. (305) 231-1101 FAX. (305) 231-1103

MCY ENGINEERING, INC.

**ENGINEERING,
GLAZING CONSULTANTS**

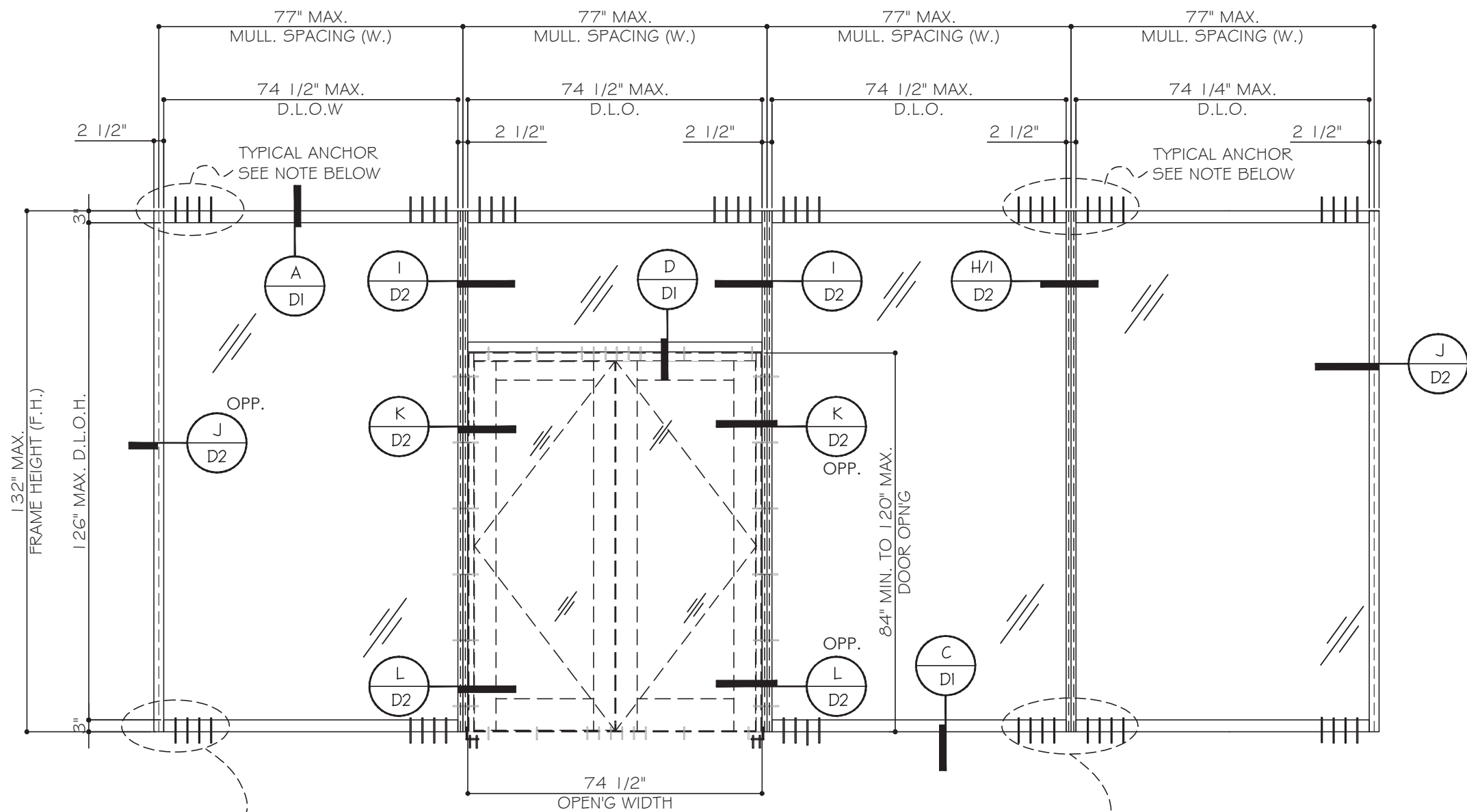
12781 MIRAMAR PKWY,STE.301 P: 305.271.0117
MIRAMAR, FL 33027

www.MCYEngineering.com MCY@MCYENGINEERING.COM



SEE CHART ON SHEET 14 (A2)
FOR ANCHOR OPTION # NUMBERS
OF ANCHORS REQ. AND CAPACITIES

HEAD RECEPTOR OPTION ANCHOR LAYOUT



TYPICAL EXTERIOR ELEVATIONS W/ HEAVY DUTY REINF.

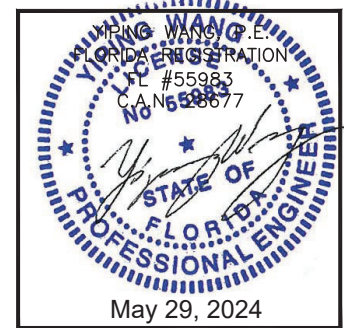
SEE CHARTS ON SHEETS M-1 TO M-3 FOR REINFORCED MULLION
OPTION M3 & M4 & J2 & CAPACITIES

SEE SHEET G1 & G2 FOR GLASS OPTIONS & CAPACITIES

JAMB ANCHOR @ HEAD/SILL
SEE SHEETS A1
FOR ANCHOR OPTIONS & CAPACITIES

JAMB ANCHOR @ HEAD/SILL
SEE SHEETS A1
FOR ANCHOR OPTIONS & CAPACITIES

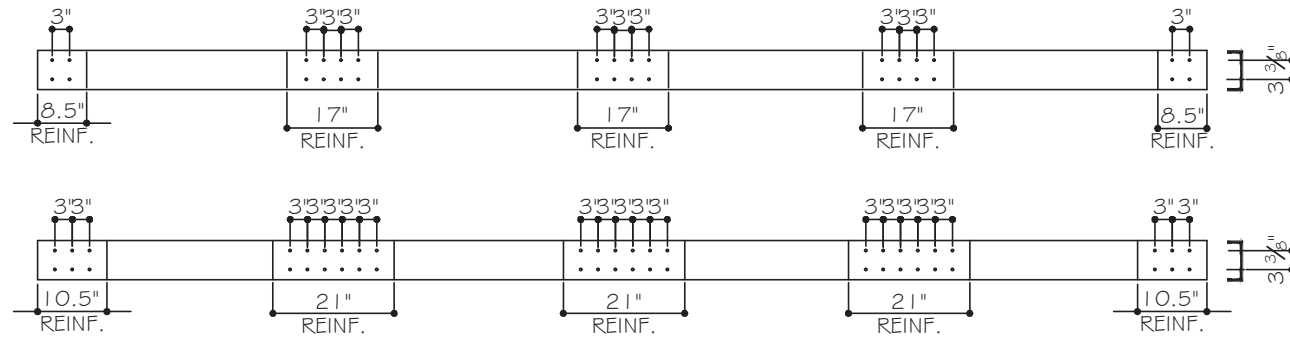
FLORIDA APPROVAL:
FL #29215.1



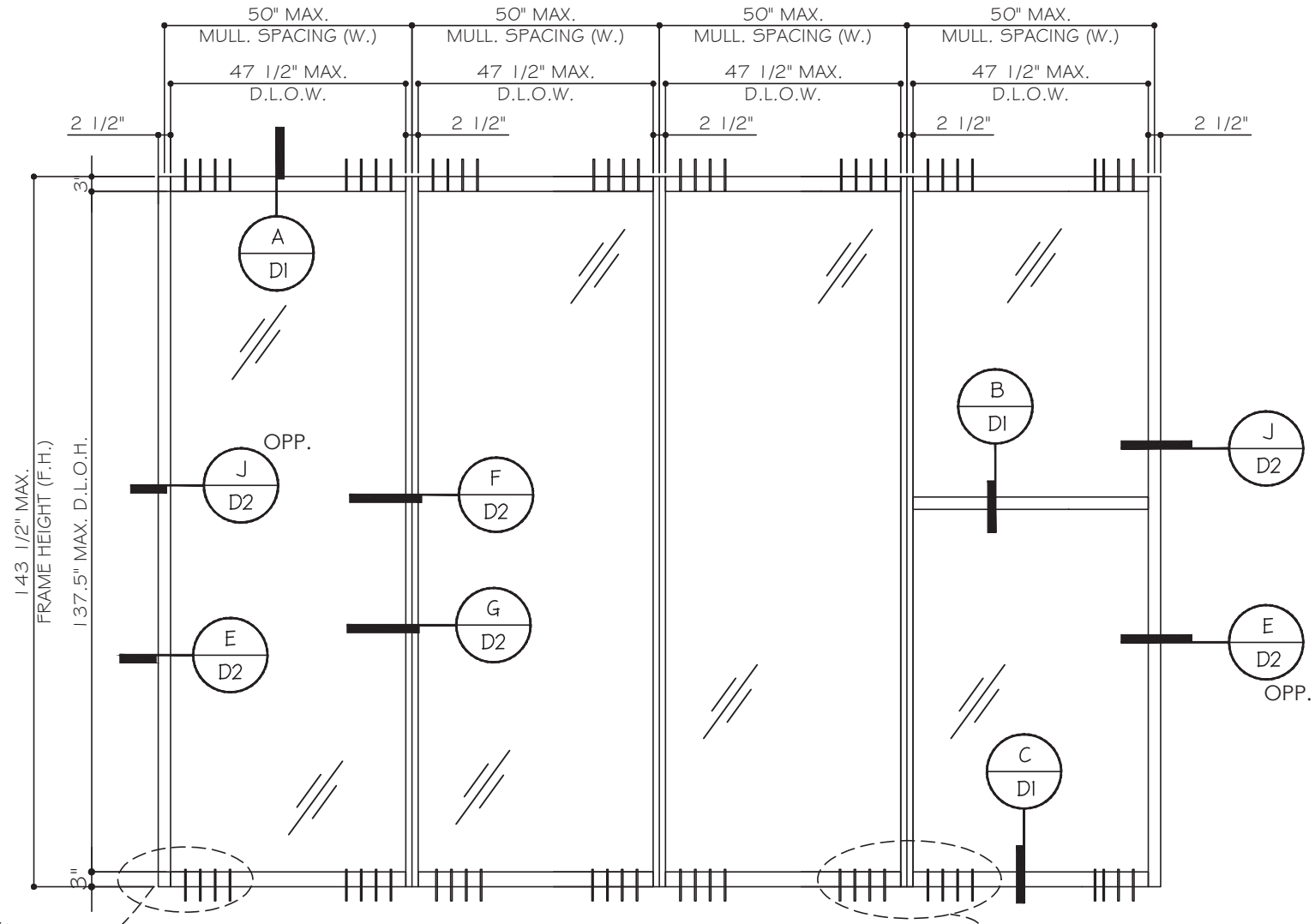
MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY. STE. 301 P: 305.271.0117
MIRAMAR, FL 33027
www.MCYEngineering.com MCY@MCYENGINEERING.COM

SERIES 3100 - WINDOW WALL SYSTEMS (LMI & SMI)
CONTINENTAL GLASS SYSTEMS LLC.
325 WEST 74TH PLACE HIALEAH, FL. 33014
TEL. (305) 231-1101 FAX. (305) 231-1103

Rev. No.	Date	Drawn By	Description
R4	05.28.2024	James	REVISION
Drawing No. AD19-45			
Sheet No. 02 OF 17			



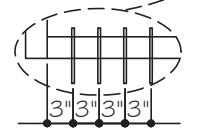
HEAD RECEPTOR OPTION ANCHOR LAYOUT



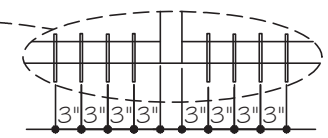
TYPICAL EXTERIOR ELEVATIONS W/ LIGHT DUTY REINF.

SEE CHARTS ON SHEETS M-1 TO M-3 MULLION OPTION M1, M2, J1 & J2 & CAPACITIES

SEE SHEET G1 & G2 FOR GLASS OPTIONS & CAPACITIES

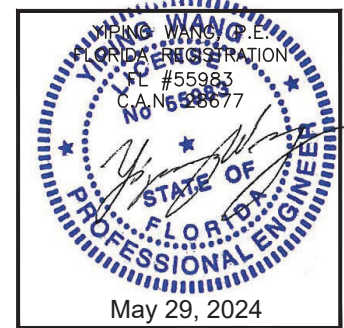


JAMB ANCHOR @ HEAD/SILL
SEE SHEETS A1
FOR ANCHOR OPTIONS & CAPACITIES



JAMB ANCHOR @ HEAD/SILL
SEE SHEETS A1
FOR ANCHOR OPTIONS & CAPACITIES

FLORIDA APPROVAL:
FL #29215.1

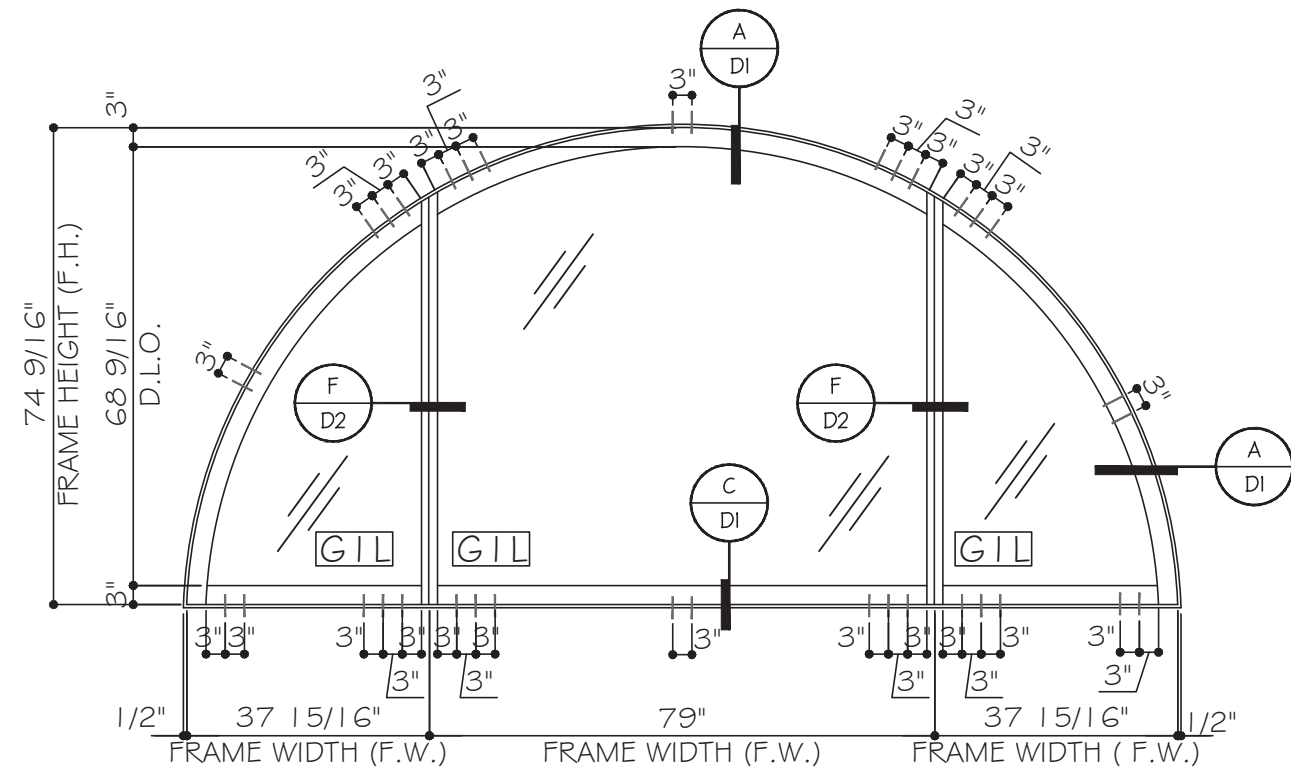


SERIES 3100 - WINDOW WALL SYSTEMS (LMI & SMI)
CONTINENTAL GLASS SYSTEMS LLC.
325 WEST 74TH PLACE HIALEAH, FL. 33014
TEL. (305) 231-1101 FAX. (305) 231-1103

Rev. No.	Date	Drawn By	REVISION	Description
R4	05.28.2024	James		

Drawing No. AD19-45
Sheet No. 03 OF 17

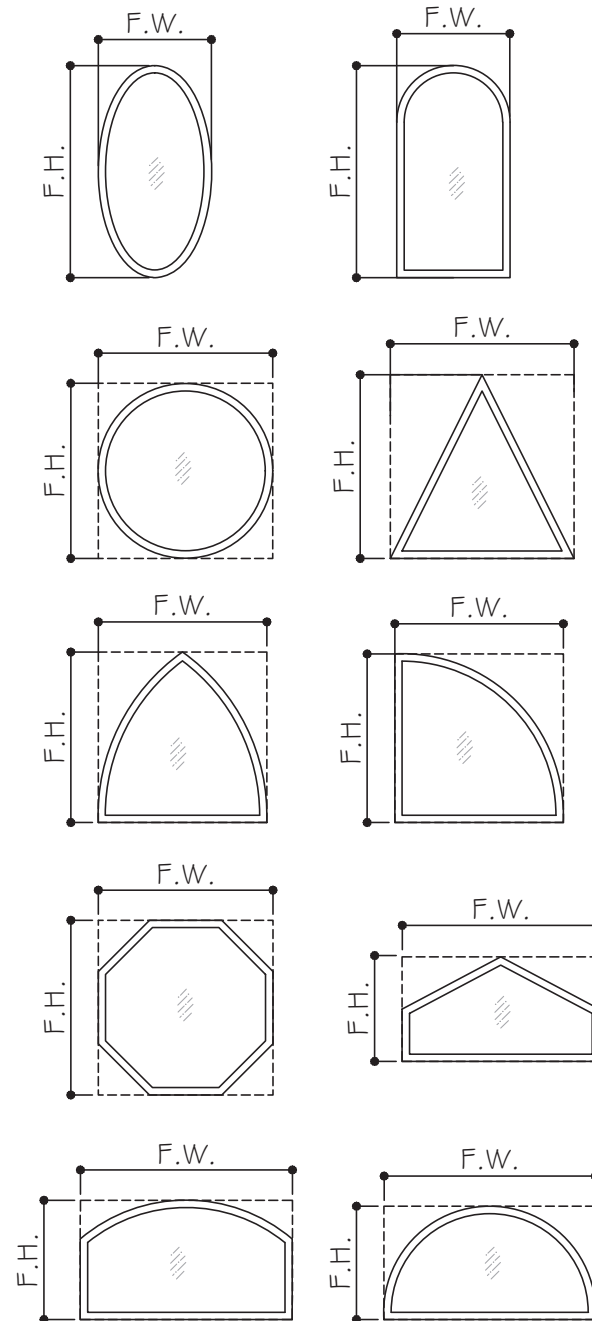
MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY. STE. 301 P: 305.271.0117
MIRAMAR, FL 33027
www.MCYEngineering.com MCY@MCYENGINEERING.COM



ARCH. EXTERIOR ELEVATIONS

UNREINFORCED MULLION M I

DESIGN LOAD: ± 120 PSF



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES. SINGLE LITES MAY BE INSTALLED VERTICALLY AS SHOWN ABOVE OR HORIZONTALLY.

FOR ALTERNATE SHAPES LIMIT MAX. LOADS TO ± 120 PSF

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)

FRAME WIDTH (F.W.)= 79" MAX

FRAME HEIGHT (F.H.)= 74 9/16" MAX

FLORIDA APPROVAL:
FL #29215.1

YOUNG WANG
Professional Engineer
FL #55983
C.A. No. 55983

May 29, 2024

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY. STE. 301 P: 305.271.0117
MIRAMAR, FL 33027
www.MCYEngineering.com MCY@MCYENGINEERING.COM

SERIES 3100 - WINDOW WALL SYSTEMS (LMI & SMI)
CONTINENTAL GLASS SYSTEMS LLC.
325 WEST 74TH PLACE HIALEAH, FL. 33014
TEL. (305) 231-1101 FAX. (305) 231-1103

Rev. No.	Date	Drawn By	Description
R4	05.28.2024	James	REVISION

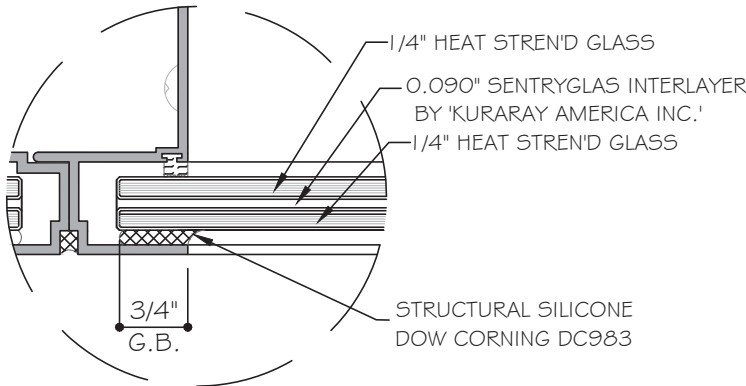
Drawn Date: 05.28.2024
SCALE: AS SHOWN

DRAWING NO. AD19-45

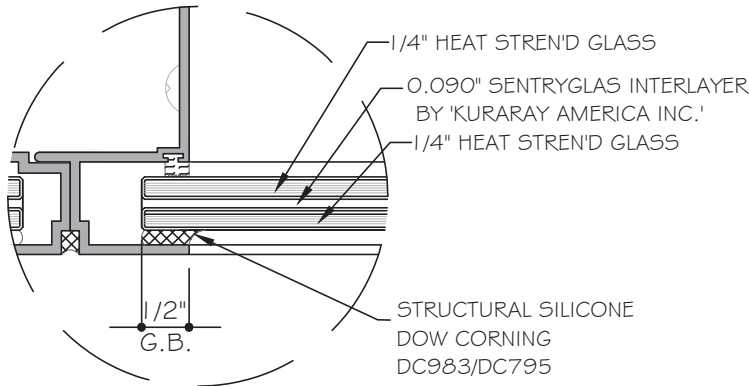
Sheet No. E3
04 OF 17

GLASS -L.M.I.

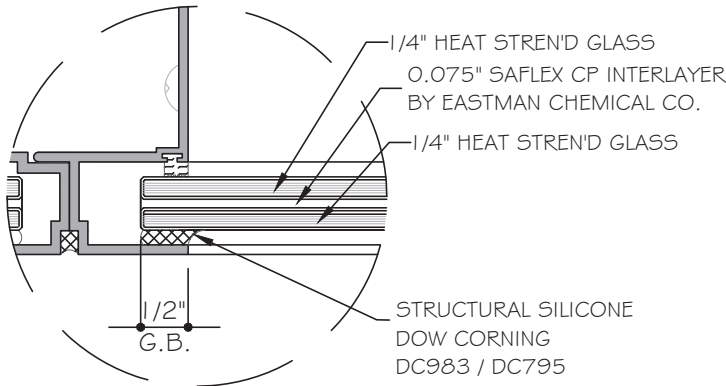
USE FOR UP TO 30 FT FROM GROUND.



GLASS TYPE 'G1L'
9/16" NOMINAL OVERALL



GLASS TYPE 'G2L'
9/16" NOMINAL OVERALL

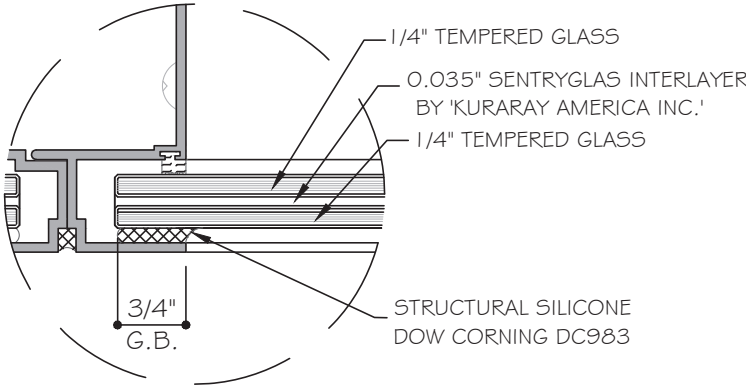


GLASS TYPE 'G3L'
9/16" NOMINAL OVERALL

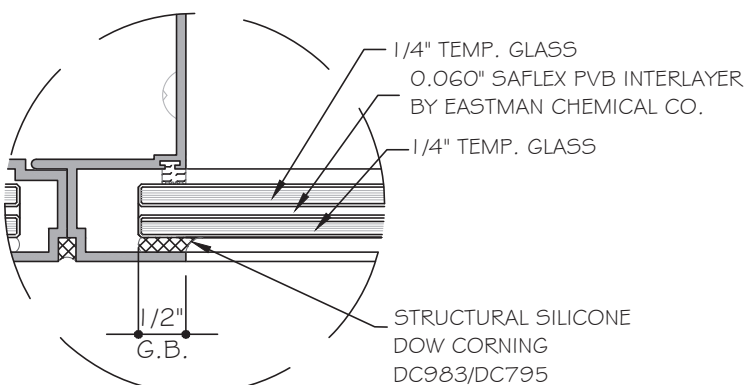
NOTE:
GLASS COMPLIES WITH ASTM E1300-16
(3 SEC. GUSTS).

GLASS -S.M.I.

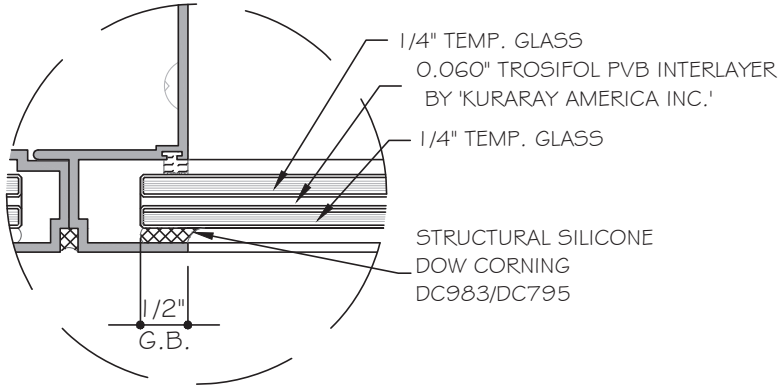
USE 30FT ABOVE GROUND LEVEL.



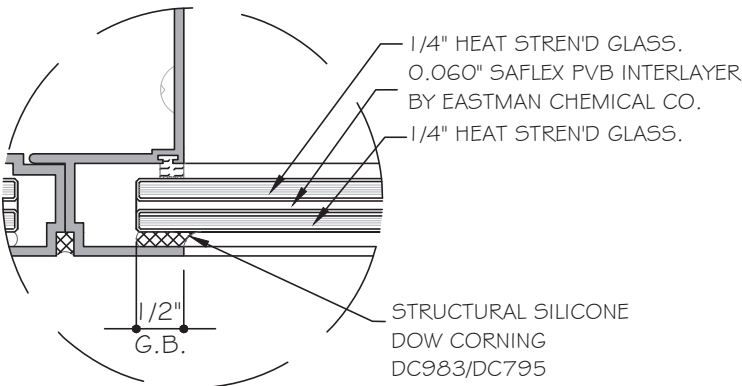
GLASS TYPE 'G4S'
9/16" NOMINAL OVERALL



GLASS TYPE 'G5S'
9/16" NOMINAL OVERALL



GLASS TYPE 'G6S'
9/16" NOMINAL OVERALL



GLASS TYPE 'G7S'
9/16" NOMINAL OVERALL

FLORIDA APPROVAL:
FL #29215.1

Professional Engineer Seal for YOUNG WANG, J.E., License No. 55983, State of Florida, dated May 29, 2024.

SERIES 3100 - WINDOW WALL SYSTEMS (LMI & SMI)
CONTINENTAL GLASS SYSTEMS LLC.
325 WEST 74TH PLACE HIALEAH, FL. 33014
TEL. (305) 231-1101 FAX. (305) 231-1103

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PKWY. STE. 301 P: 305.271.0117
MIRAMAR, FL 33027
www.MCYEngineering.com MCY@MCYENGINEERING.COM

																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					</
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	----

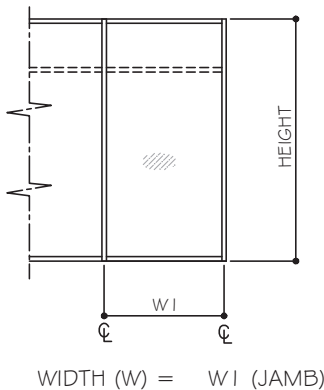
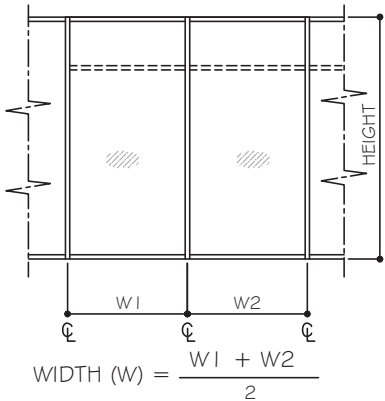
LIGHT DUTY REINF.

MULLION LOAD CAPACITY- (+/-) PSF						
NOMINAL DIMENSIONS		WITHOUT HORIZONTAL	WITH HORIZONTAL	WITHOUT HORIZONTAL	WITH HORIZONTAL	W/ OR W/O HORIZONTAL
HEIGHT (IN)	WIDTH (IN)	M1	M1	M1A	M1A	J1
108	42	110	110	110	110	110
	48	105	97	110	110	110
	54	95	93	110	110	110
	60	75	75	75	75	75
114	42	105	100	110	110	110
	48	94	87	110	110	110
	50	90	84	110	110	110
	54	75	75	75	75	75
120	60	75	75	75	75	75
	42	94	90	110	110	110
	48	84	79	110	103	110
	50	81	76	106	99	110
120	54	75	69	75	75	75
	60	69	62	75	75	75
121	42	92	88	110	110	110
	48	82	77	108	101	110
	50	79	74	105	98	110
	54	74	68	75	75	75
120	60	68	61	75	75	75

HEAVY DUTY REINF.

MULLION LOAD CAPACITY- (+/-) PSF				
NOMINAL DIMENSIONS		WITHOUT HORIZONTAL	WITH HORIZONTAL	W/ OR W/O HORIZONTAL
HEIGHT (IN)	WIDTH (IN)	M3	M3	J2
120	60	80	80	80
	66	80	80	80
	72	80	80	80
	77	80	79	80
126	60	80	80	80
	66	80	80	80
	72	80	76	80
	77	80	71	80
132	60	80	80	80
	66	80	76	80
	72	79	70	80
	77	75	65	80

MULLION LOAD CAPACITY- (+/-) PSF				
NOMINAL DIMENSIONS		WITHOUT HORIZONTAL	WITH HORIZONTAL	W/ OR W/O HORIZONTAL
HEIGHT (IN)	WIDTH (IN)	M4	M4	J2
120	60	80	80	80
	66	80	80	80
	72	80	80	80
	77	80	79	80
126	60	80	80	80
	66	80	80	80
	72	80	76	80
	77	80	76	80
132	60	80	80	80
	66	80	80	80
	72	80	75	80
	77	80	70	80

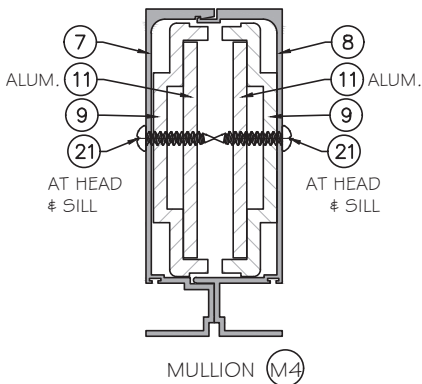


MULLION LOAD CAPACITY- (+/-) PSF						
NOMINAL DIMENSIONS		WITHOUT HORIZONTAL	WITH HORIZONTAL	W/ OR W/O HORIZONTAL	W/ OR W/O HORIZONTAL	W/ OR W/O HORIZONTAL
HEIGHT (IN)	WIDTH (IN)	M2	M2	M4	M5	J2
108	42	110	110	110	110	110
	48	110	110	110	110	110
	54	110	110	110	110	110
114	42	110	110	110	110	110
	48	110	110	110	110	110
	50	110	110	110	110	110
	54	110	106	110	110	110
120	42	110	110	110	110	110
	48	110	110	110	110	110
	50	110	110	110	110	110
	54	103	96	110	110	110
126	42	110	110	110	110	110
	48	103	98	110	110	110
	54	93	87	100	110	110
132	42	106	102	110	110	110
	48	94	89	102	110	110
	54	84	79	91	110	110
138	42	97	93	107	110	110
	48	85	81	94	110	110
	50	82	78	90	110	110
144	42	88	85	98	110	110
	48	78	75	86	108	110
	50	75	72	83	104	110

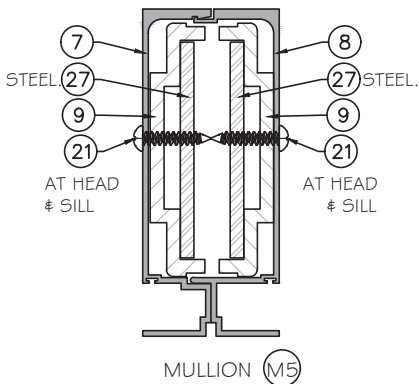
LARGE MISSILE IMPACT

USE FOR UP TO 30 FT FROM GROUND.

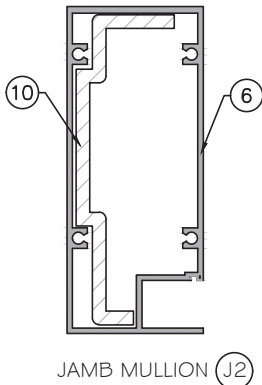
STEP 3: JAMB/MULLION LOAD CAPACITIES



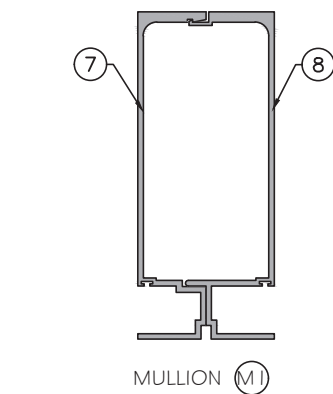
M3	1x IN ^ 4	5x IN ^ 3
8 3000-05	5.4609	1.7865
7 3000-06	5.1578	1.7029
9 3000-15	3.3906	1.4570
9 3000-15	3.3906	1.4570
(2) 1/4" X 4" ALUM. BAR	2.6666	1.3333
TOTAL	20.0665	6.5647



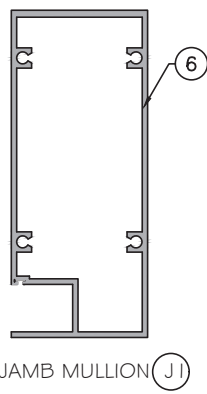
M3	1x IN ^ 4	5x IN ^ 3
8 3000-05	5.4609	1.7865
7 3000-06	5.1578	1.7029
9 3000-15	3.3906	1.4570
9 3000-15	3.3906	1.4570
(2) 1/4" X 4" STEEL. BAR	2.6666	1.3333
TOTAL	25.1330	8.2222



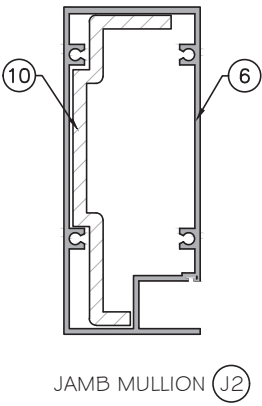
J2	1x IN ^ 4	5x IN ^ 3
6 3000-04	9.1795	3.0371
10 3000-14	7.1485	2.2831
TOTAL	16.3280	5.2149



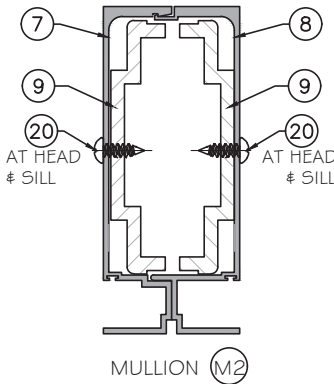
M1	1x IN ^ 4	5x IN ^ 3
8 3000-05	5.4609	1.7865
7 3000-06	5.1578	1.7029
TOTAL	10.6187	3.4736



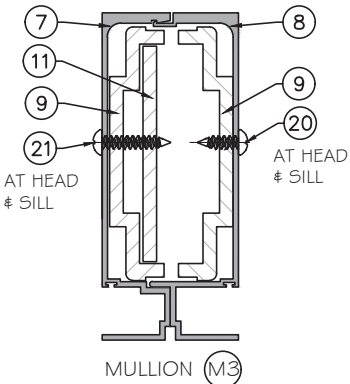
J1	1x IN ^ 4	5x IN ^ 3
6 3000-04	9.1795	3.0371



J2	1x IN ^ 4	5x IN ^ 3
6 3000-04	9.1795	3.0371
10 3000-14	7.1485	2.2831
TOTAL	16.3280	5.2149

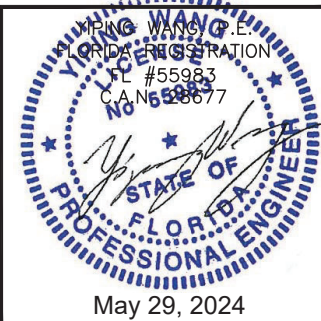


M2	1x IN ^ 4	5x IN ^ 3
8 3000-05	5.4609	1.7865
7 3000-06	5.1578	1.7029
9 3000-15	3.3906	1.4570
9 3000-15	3.3906	1.4570
TOTAL	17.3999	5.6923



M3	1x IN ^ 4	5x IN ^ 3
8 3000-05	5.4609	1.7865
7 3000-06	5.1578	1.7029
9 3000-15	3.3906	1.4570
9 3000-15	3.3906	1.4570
(1) 1/4" X 4" ALUM. BAR	1.3333	0.6667
TOTAL	18.7508	6.1286

FLORIDA APPROVAL:
FL #29215.1



MCY ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PKWY. STE. 301 P: 305.271.0117
MIRAMAR, FL 33027

www.MCYEngineering.com MCY@MCYENGINEERING.COM

SERIES 3100 - WINDOW WALL SYSTEMS (LMI & SMI)

CONTINENTAL GLASS SYSTEMS LLC.

325 WEST 74TH PLACE HIALEAH, FL. 33014

TEL. (305) 231-1101 FAX. (305) 231-1103

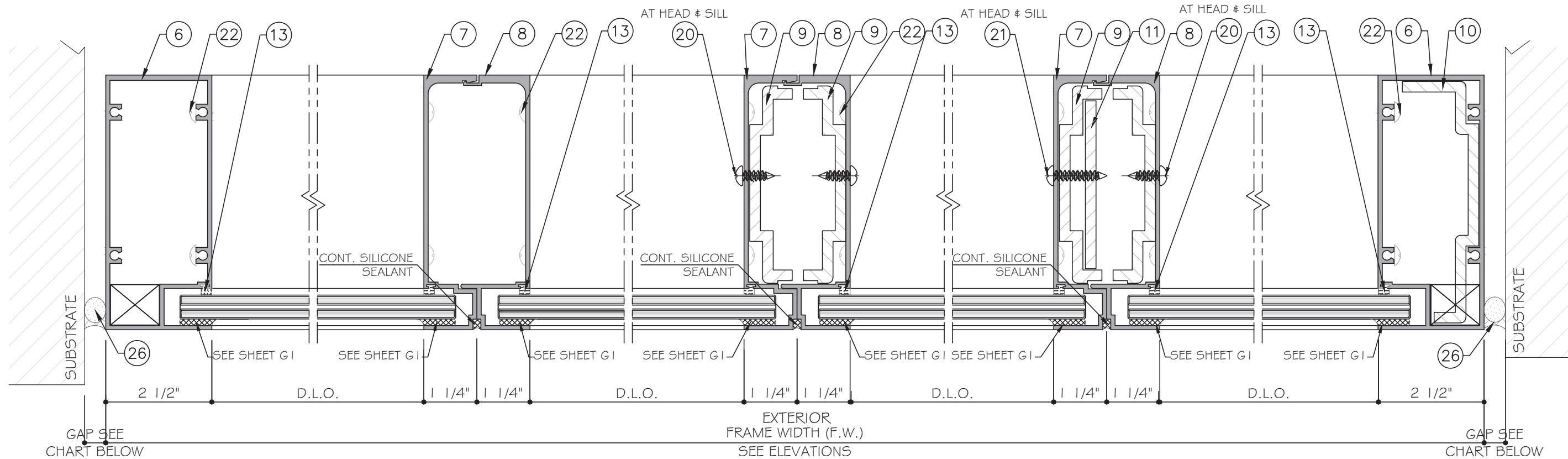
Rev. No.	Date	Drawn By	Description
R4	05.28.2024	James	

Drawn Date 05.28.2024 SCALE AS SHOWN

DRAWING NO. AD19-45

M-1

Sheet No. 07 OF 17



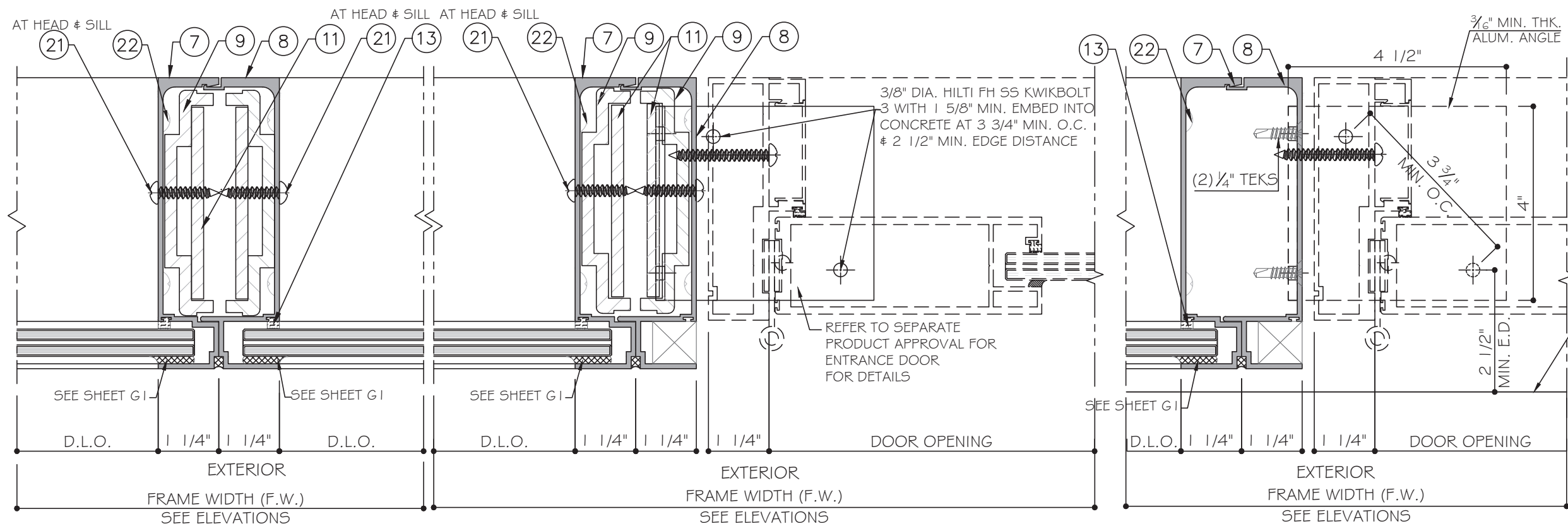
E
D2
DETAIL

F
D2
DETAIL

G
D2
DETAIL

H
D2
DETAIL

J
D2
DETAIL



I
D2
DETAIL

K
D2
DETAIL

L
D2
DJM SILL ANCHOR DETAIL

MAX. FRAME HEIGHT	GAP	
	MIN.	MAX.
96"	1/2"	1"
120"	5/8"	1"
144"	3/4"	1"

ALTERNATE SEALANTS AT JAMB GAPS CAN BE DESIGNED BY ENGINEER OF RECORD BASED ON MANUFACTURER GUIDE LINES.

FLORIDA APPROVAL:
FL #29215.1

YOUNG WANG & ASSOCIATES, P.C.
FLORIDA REGISTRATION #55983
C.A. No. 28877
STATE OF FLORIDA
PROFESSIONAL ENGINEER
May 29, 2024

SERIES 3100 - WINDOW WALL SYSTEMS (LMI & SMI)

CONTINENTAL GLASS SYSTEMS LLC.

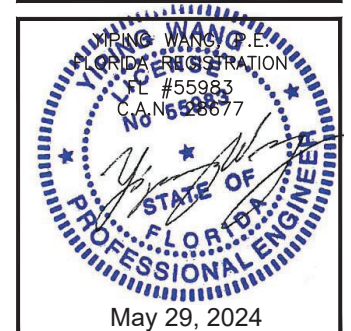
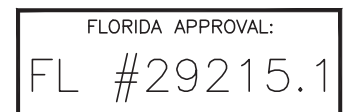
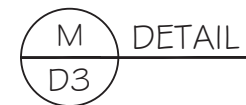
325 WEST 74TH PLACE HIALEAH, FL. 33014
TEL. (305) 231-1101 FAX. (305) 231-1103

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

12781 MIRAMAR PKWY. STE. 301 P: 305.271.0117
MIRAMAR, FL 33027

www.MCYEngineering.com MCY@MCYENGINEERING.COM

Drawn Date	SCALE	Rev. No.	Description
05.28.2024	AS SHOWN	R4	James
DRAWING NO.		AD19-45	
Sheet No.		D2	
		11 OF 17	

[illegible]

SERIES 3100 - WINDOW WALL SYSTEMS (LMI & SMI)

CONTINENTAL GLASS SYSTEMS LLC.

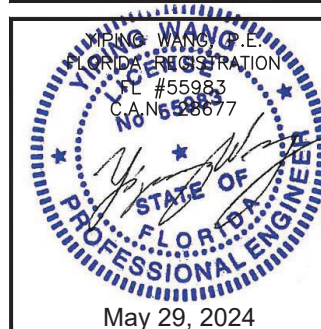
325 WEST 74TH PLACE HIALEAH, FL. 33014
TEL. (305) 231-1101 FAX. (305) 231-1103



MCY ENGINEERING, INC.
GLAZING CONSULTANTS

12781 MIRAMAR PKWY.STE.301 P: 305.271.0117
MIRAMAR, FL 33027

www.MCYEngineering.com MCY@MCYENGINEERING.COM



SERIES 3100 - WINDOW WALL SYSTEMS (LMI & SMI)

CONTINENTAL GLASS SYSTEMS LLC.

3325 WEST 74TH PLACE HIALEAH, FL. 33014

TEL. (305) 231-1101 FAX. (305) 231-1103

MCY ENGINEERING, INC.

ENGINEERING, GLAZING CONSULTANTS

12781 MIRAMAR PKWY,STE.301 P:305.271.0117
MIRAMAR, FL 33027

www.MCYEngineering.com MCY@MCYENGINEERING.COM

[illegible]

Drawn Date	SCALE
------------	-------

DRAWING NO.
AD19-45

PART

Sheet No.
15 OF 17

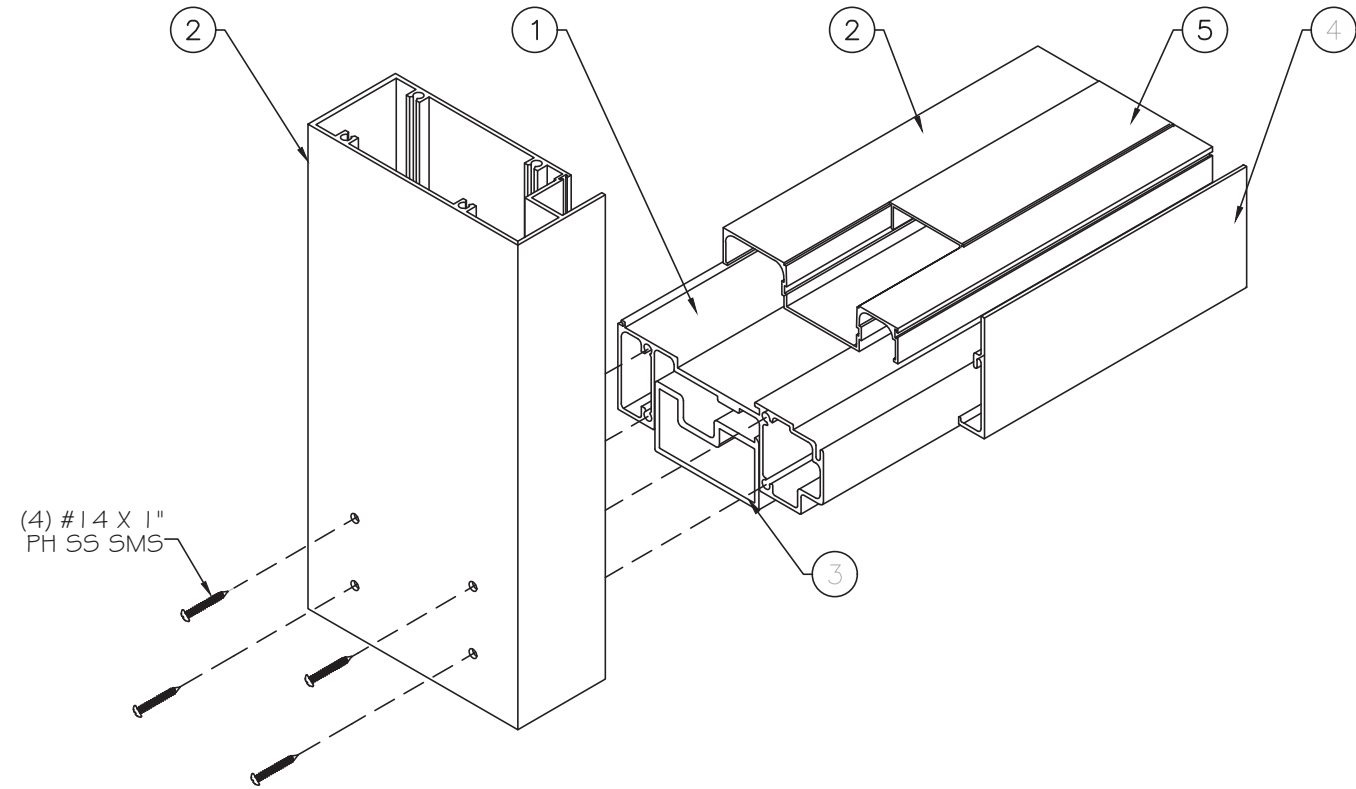
BILL OF MATERIALS				
ITEM	PART	DESCRIPTION	MATERIAL	REMARKS
1	3000-08	TOP AND BOTTOM	6005-T5	-
2	3000-03	BEAD	6005-T5	-
3	3000-12	ANCHOR TUBE, LEGHT= 15"	6005-T5	-
4	3000-09	GLASS STOP	6005-T5	-
5	3000-07	COVER	6005-T5	-
6	3000-04	JAMB	6005-T5	-
7	3000-06	FEMALE MULLION	6005-T5	-
8	3000-05	MALE MULLION	6005-T5	-
9	3000-14	REINFORCEMENT	6005-T5	-
10	3000-15	REINFORCEMENT	6005-T5	-
11	-	1/4" X 4 ALUMINUM BAR REINF.	6005-T5	-
12	NOT USED			
13	CG5-01	GLASS GASKET (#791-FP-937-B)	VINYL	-
14	-	1/4"X3/4"X4" LG. SETTING BLOCK	NEOPRENE	DUROMETER 70-90 OR BETTER, SHORE 'A' OR EQUAL
15	3000-09	GLASS STOP	6005-T5	-
16	2000-07	HEAD RECEPTOR	6005-T5	-
17	2000-16	HEAD RECEPTOR REINFORCE	6005-T5	
18	FP-448-V	VINYL BULB	WINYL	
19	-	3/8"-16X1 3/4" (1) AT EA. END OF ANC.TUBE	GR.2 HEX HEAD MS	
20	-	#14-14X3/4"LG PHL PH	SS SMS	
21	-	#14-14X1 1/4" LG PHL PH	SS SMS	-
22	-	#14 X1" LG PH SS SMS ASSEMBLY SCREW	SS SMS	-
23	3000-10	INTERMEDIATE	6005-T5	-
24	3000-11	GLASS STOP	6005-T5	-
25	-	STRUCTURAL SEALANT DC 983/ DC795	SILICONE	-
26	-	BACK ROD AND PERIMETER SEALANT DC 790/ DC795/ GE SCS 2000/ TREMCO SPECTRUM2	SILICONE	-
27	-	1/4" X 4" STEEL BAR (A36)	STEEL A36	-

YIPING WANG, P.E.
LICENSED PROFESSIONAL ENGINEER
FL #55983
C.A.N. 128677

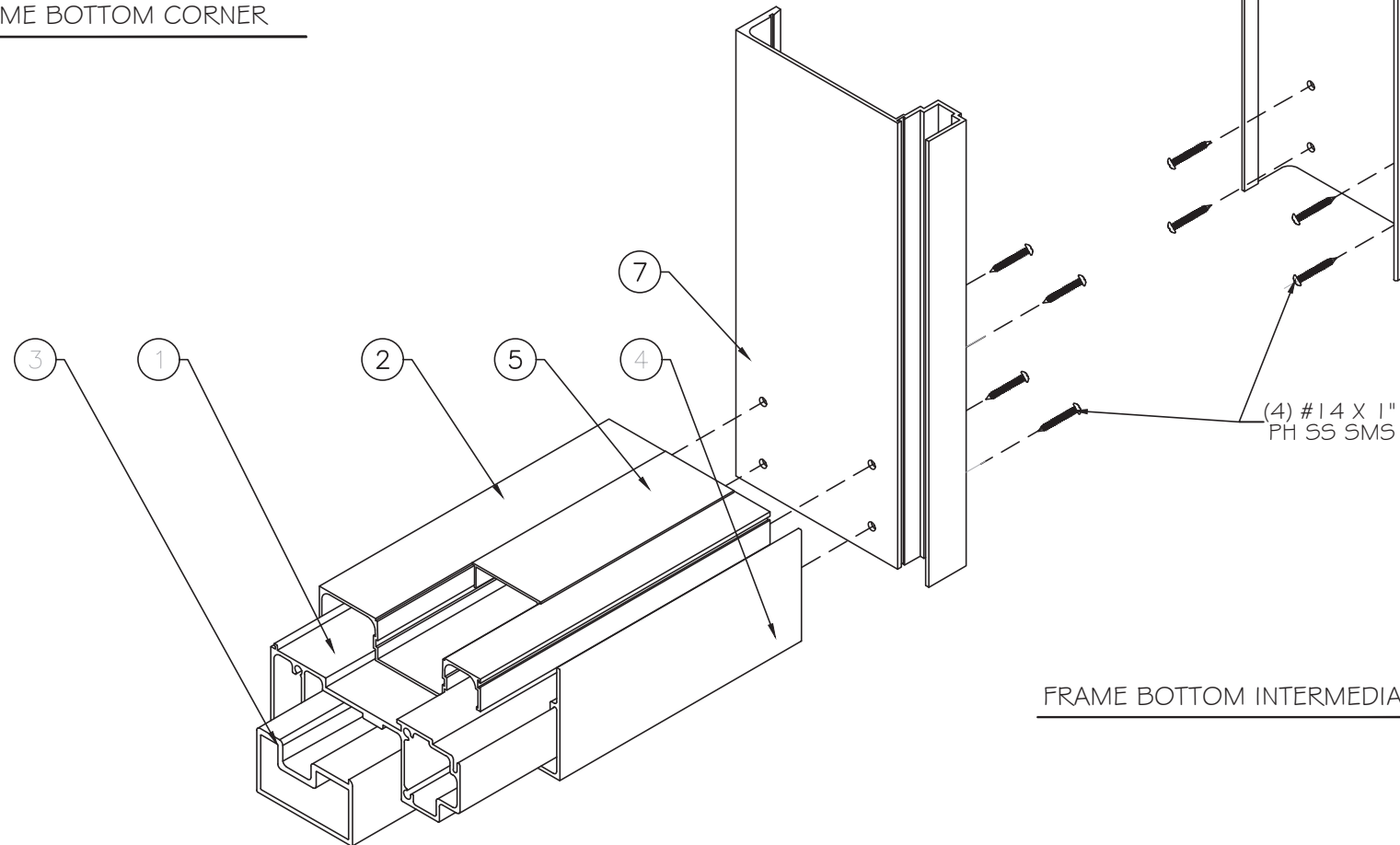
STATE OF FLORIDA
PROFESSIONAL ENGINEER

May 29, 2024

M C Y MCY ENGINEERING, INC. GLAZING CONSULTANTS 12781 MIRAMAR PKWY. STE. 301 P: 305.271.0117 MIRAMAR, FL 33027										SERIES 3100 - WINDOW WALL SYSTEMS (LMI & SMI) CONTINENTAL GLASS SYSTEMS LLC. 325 WEST 74TH PLACE HIALEAH, FL. 33014 TEL. (305) 231-1101 FAX. (305) 231-1103										www.MCYEngineering.com MCY@MCYENGINEERING.COM									

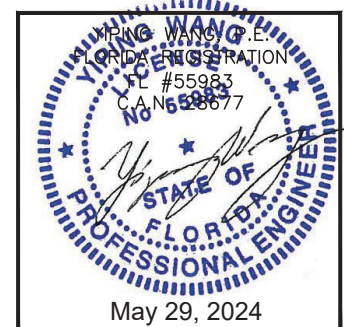


FRAME BOTTOM CORNER



FRAME BOTTOM INTERMEDIATE

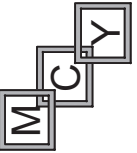
FLORIDA APPROVAL:
FL #29215.1



SERIES 3100 - WINDOW WALL SYSTEMS (LMI & SMI)

CONTINENTAL GLASS SYSTEMS LLC.

325 WEST 74TH PLACE HIALEAH, FL. 33014
TEL. (305) 231-1101 FAX. (305) 231-1103



MCY ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PKWY. STE. 301 P: 305.271.0117
MIRAMAR, FL 33027

www.MCYEngineering.com MCY@MCYENGINEERING.COM

Rev. No.	Date	Drawn By	REVISION Description
R4	05.28.2024	James	

Drawn Date 05.28.2024 SCALE AS SHOWN

DRAWING NO. AD19-45

ISO

Sheet No. 17 OF 17