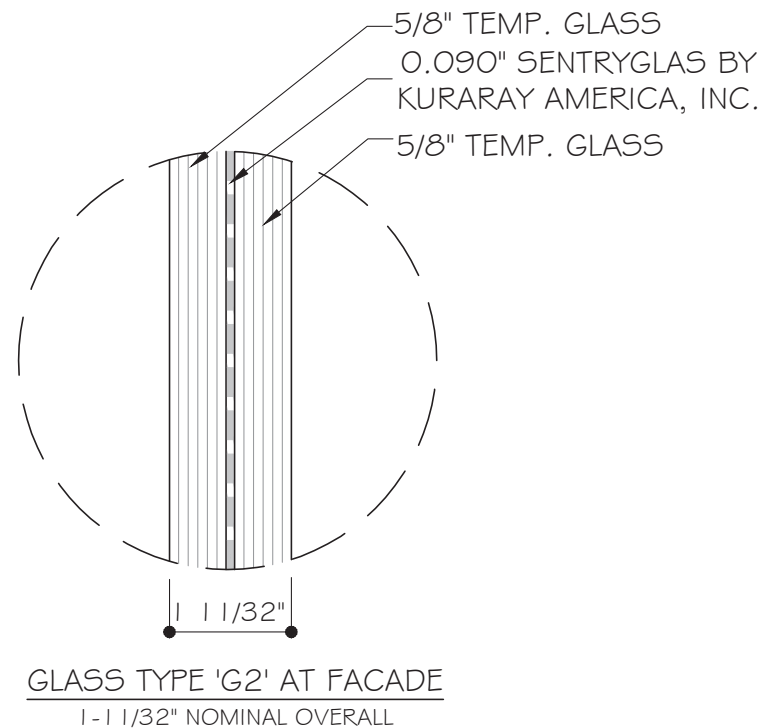
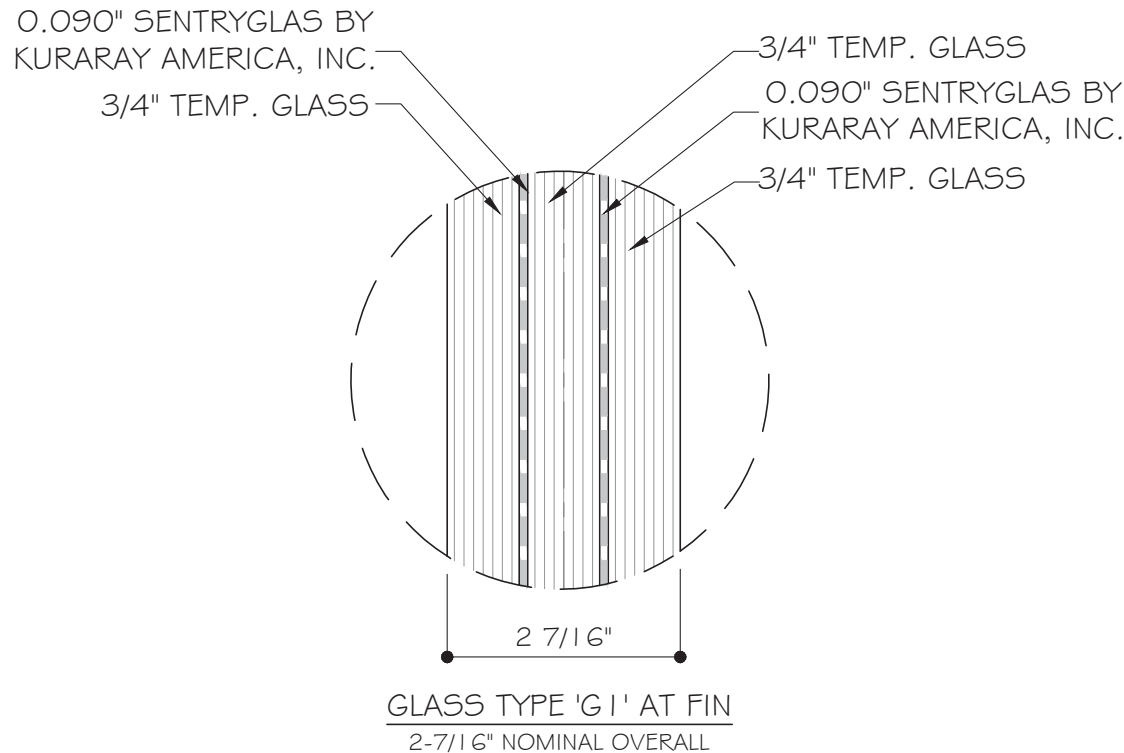


POINT SUPPORTED SPIDER WALL SYSTEM LARGE AND SMALL MISSILE IMPACT



GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION OF FLORIDA BUILDING CODE (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- SYSTEM RATED FOR LARGE AND SMALL MISSILE IMPACT. IMPACT RESISTANT SHUTTERS ARE NOT REQUIRED.
- 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 OF FLORIDA BUILDING CODE (2023) SECTION AS APPLICABLE.
- METAL STRUCTURES NOT BY CONTINENTAL GLASS SYSTEMS, LLC. 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.

NOTE:

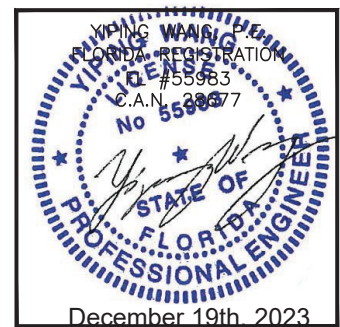
GLASS COMPLIES WITH ASTM E1300-16
(3 SEC. GUSTS).

LIMITATIONS OF USE

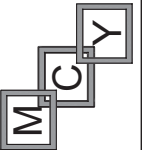
- A- THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; I.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.
- B- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HOWEVER 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.

ABBREVIATIONS AND SYMBOLS

D.L.O. - DAYLITE OPENING	CL - CENTER LINE
F.H. - FRAME HEIGHT	S.S. - STAINLESS STEEL
F.W. - FRAME WIDTH	H.S. - HEAT STRENGTHENED
LG. - LONG	SSG - STRUCTURAL SILICONE
STL. - STEEL	GLAZED
ALUM. - ALUMINUM	TEMP. - TEMPERED
MULL. - MULLION	O.C. - ON CENTER
HORIZ. - HORIZONTAL	SECTION NUMBER
W/ - WITH	
W/O - WITHOUT	
VERT.- VERTICAL	



MCY ENGINEERING, INC.
GLAZING CONSULTANTS



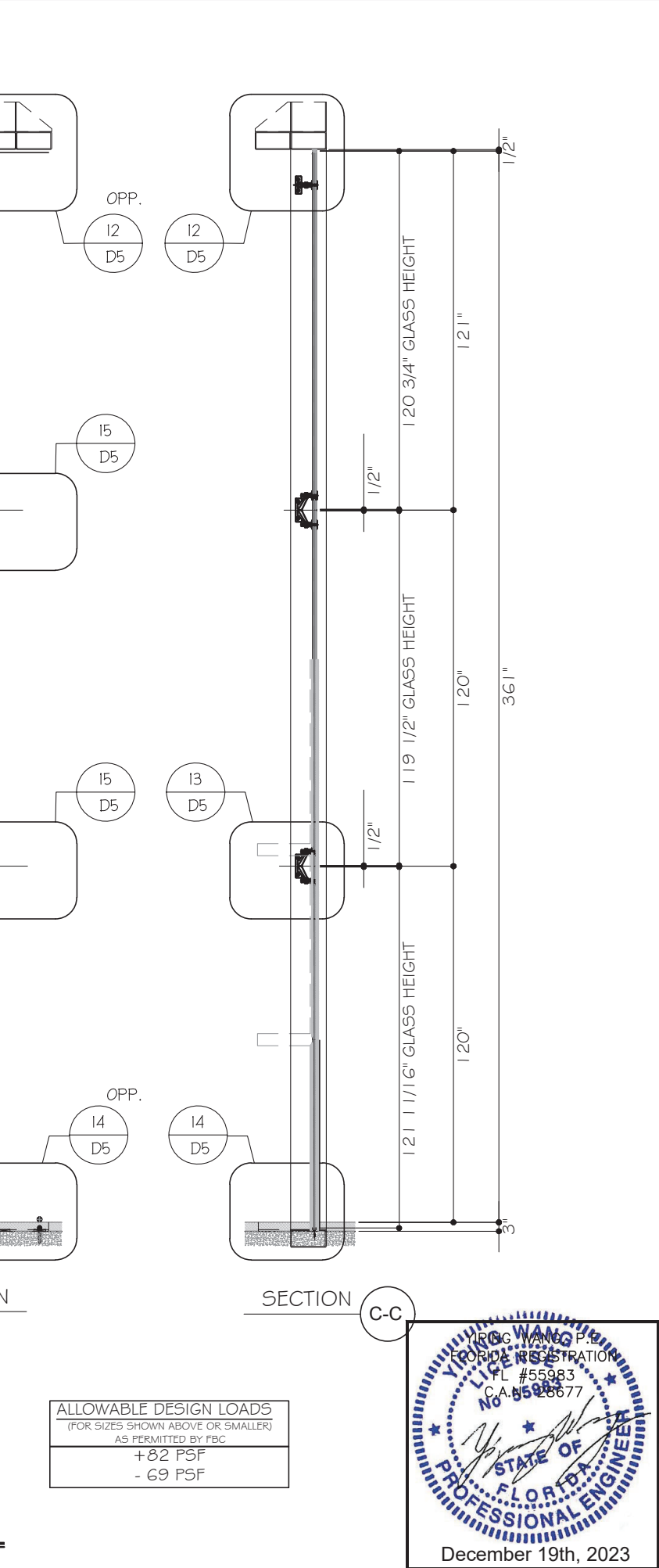
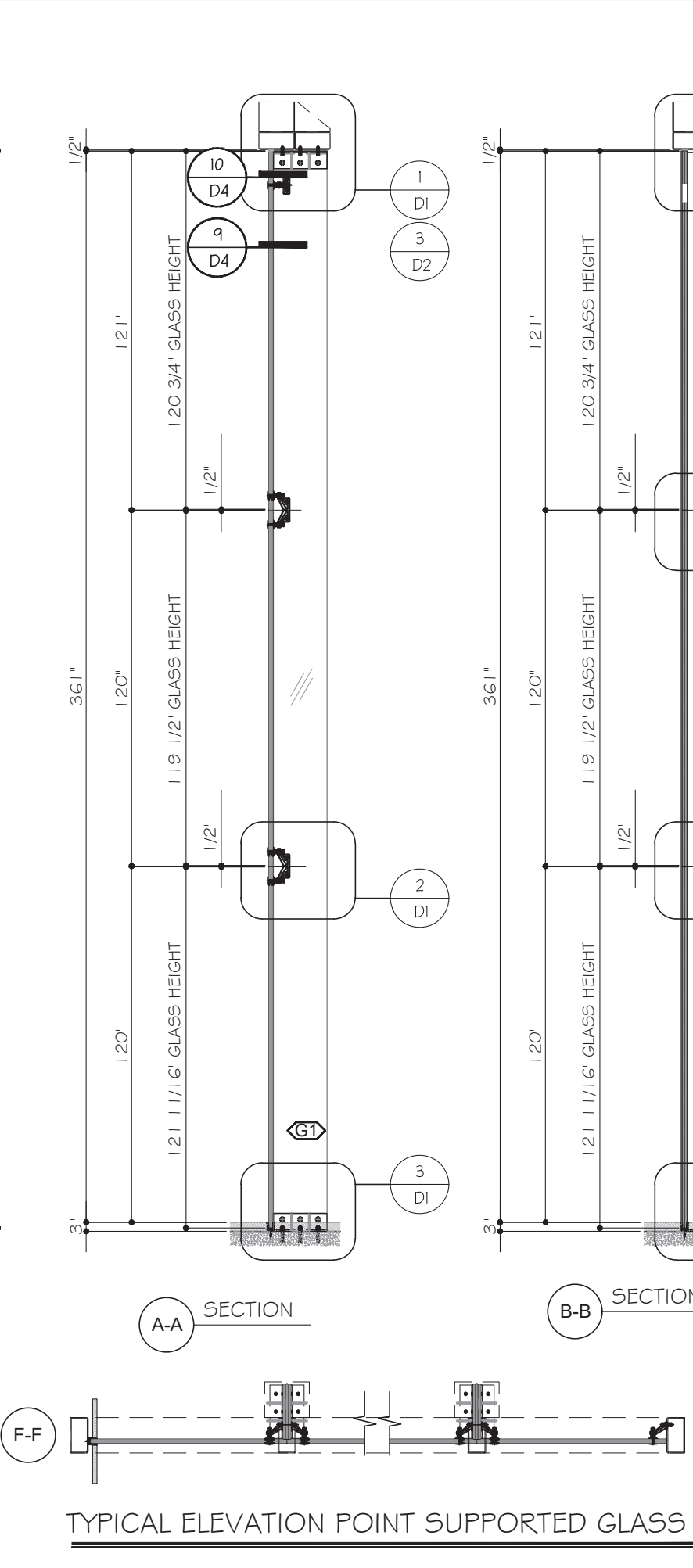
 12781 MIRAMAR PKWY, STE. 301
MIRAMAR, FL 33027 P: 305.271.0117
www.MCYEngineering.com MCY@MCYENGINEERING.COM

POINT SUPPORT SPIDER WALL SYSTEM - L.M.I. AND S.M.I.

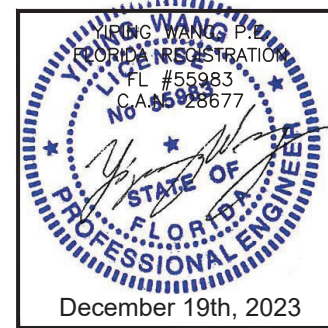
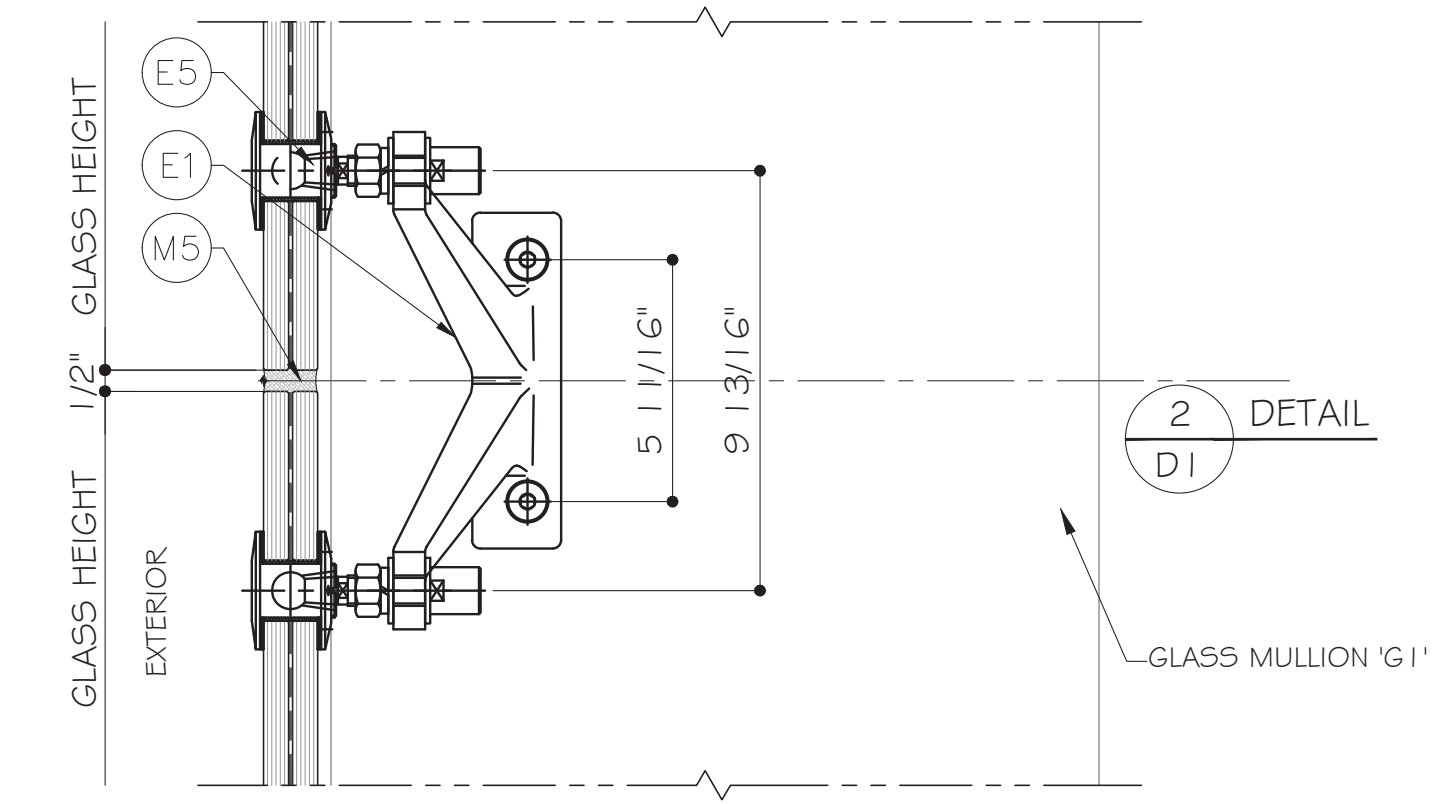
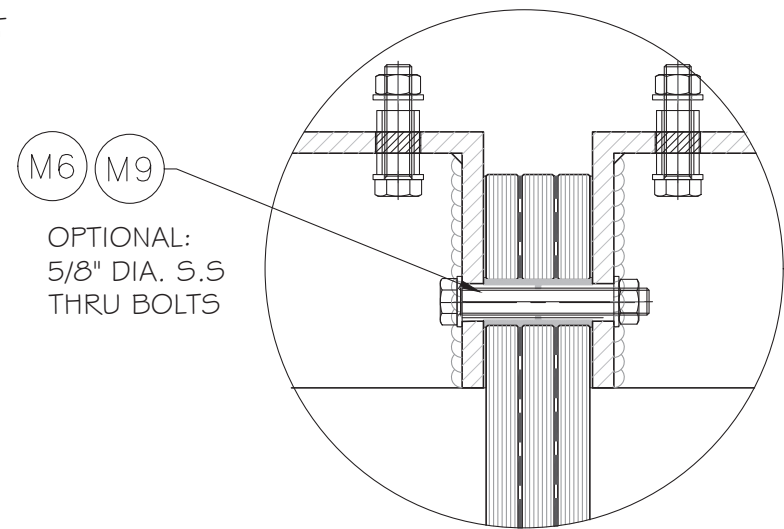
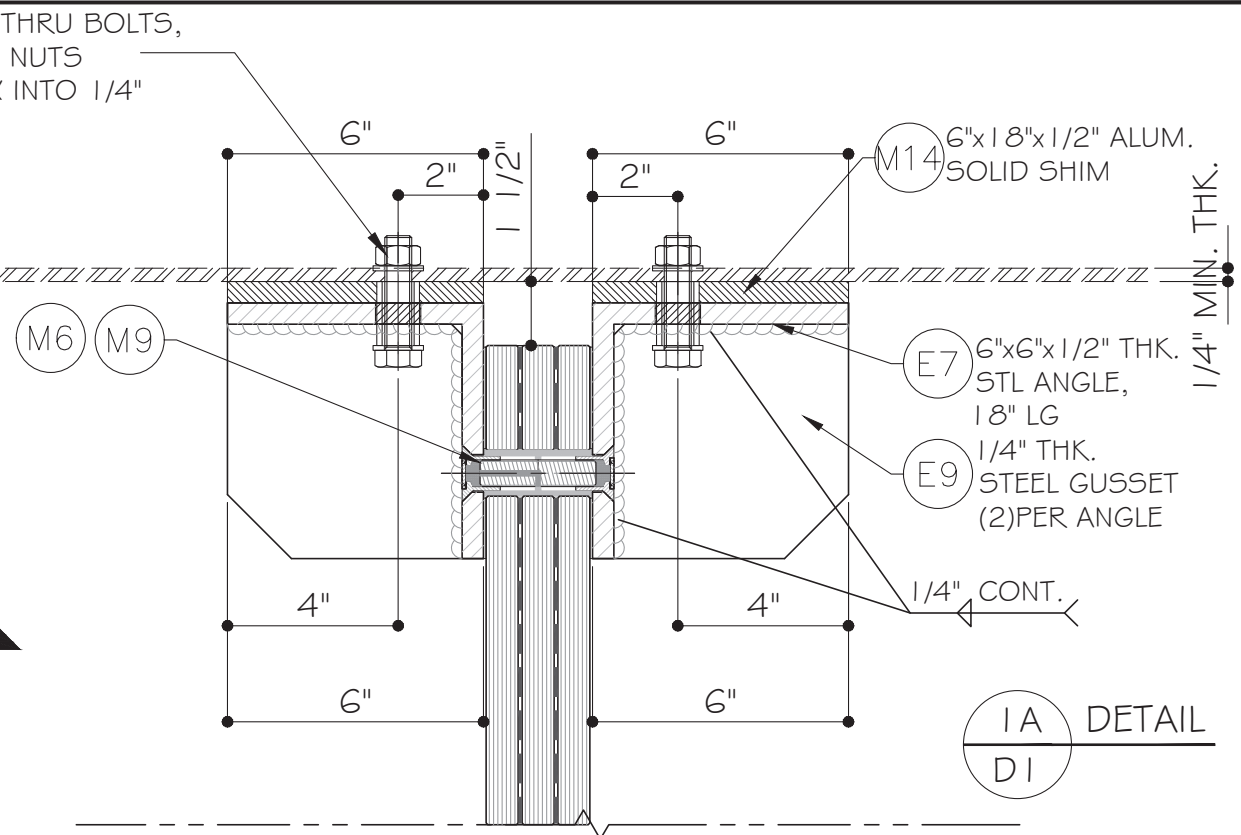
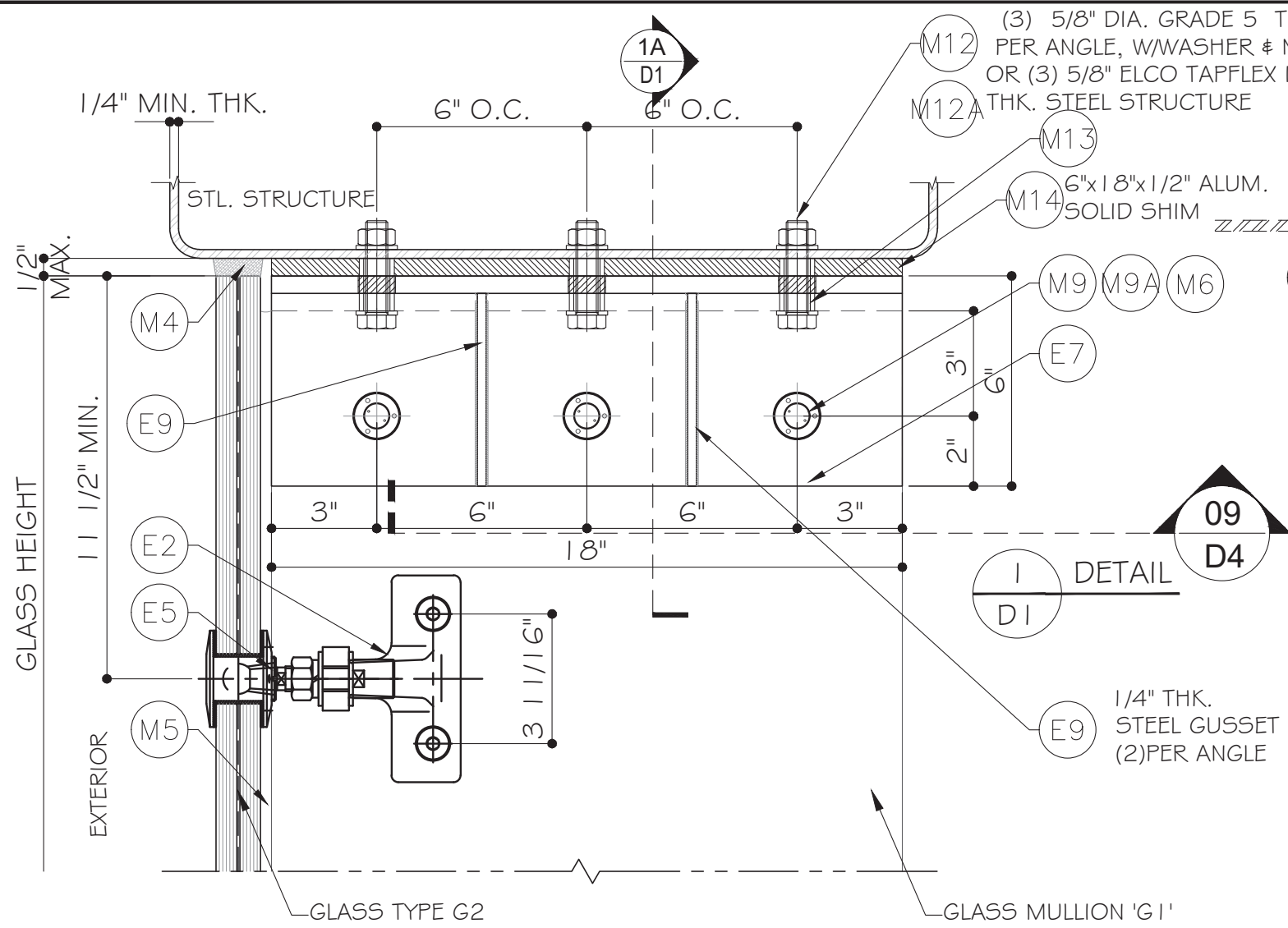
CONTINENTAL GLASS SYSTEMS, INC.
325 WEST 74 PLACE HIALEAH FL 33014

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

[illegible]



POINT SUPPORT SPIDER WALL SYSTEM - L.M.I. AND S.M.I.					
CONTINENTAL GLASS SYSTEMS, INC. 325 WEST 74 PLACE, HIALEAH, FL 33014 TEL. (305) 231-1101 FAX. (305) 231-1103					
R2	12.09.2023	James			UPDATE TO FBC 2023
Rev. No.	Date	Drawn By	Description		
Drawn Date 12.19.2023		Scale AS SHOWN			
FL#27018					
DRAWING NO.					
AD18-03					
E1					
Sheet No.					



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

CONTINENTAL GLASS SYSTEMS, INC.
325 WEST 74 PLACE, HIALEAH, FL 33014
TEL: (305) 231-1101 FAX: (305) 231-1103

Rev. No.	Date	Drawn By	Description
R2	12.09.2023	James	UPDATE TO FBC 2023

Drawn Date
12.19.2023

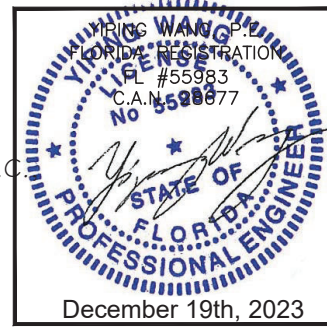
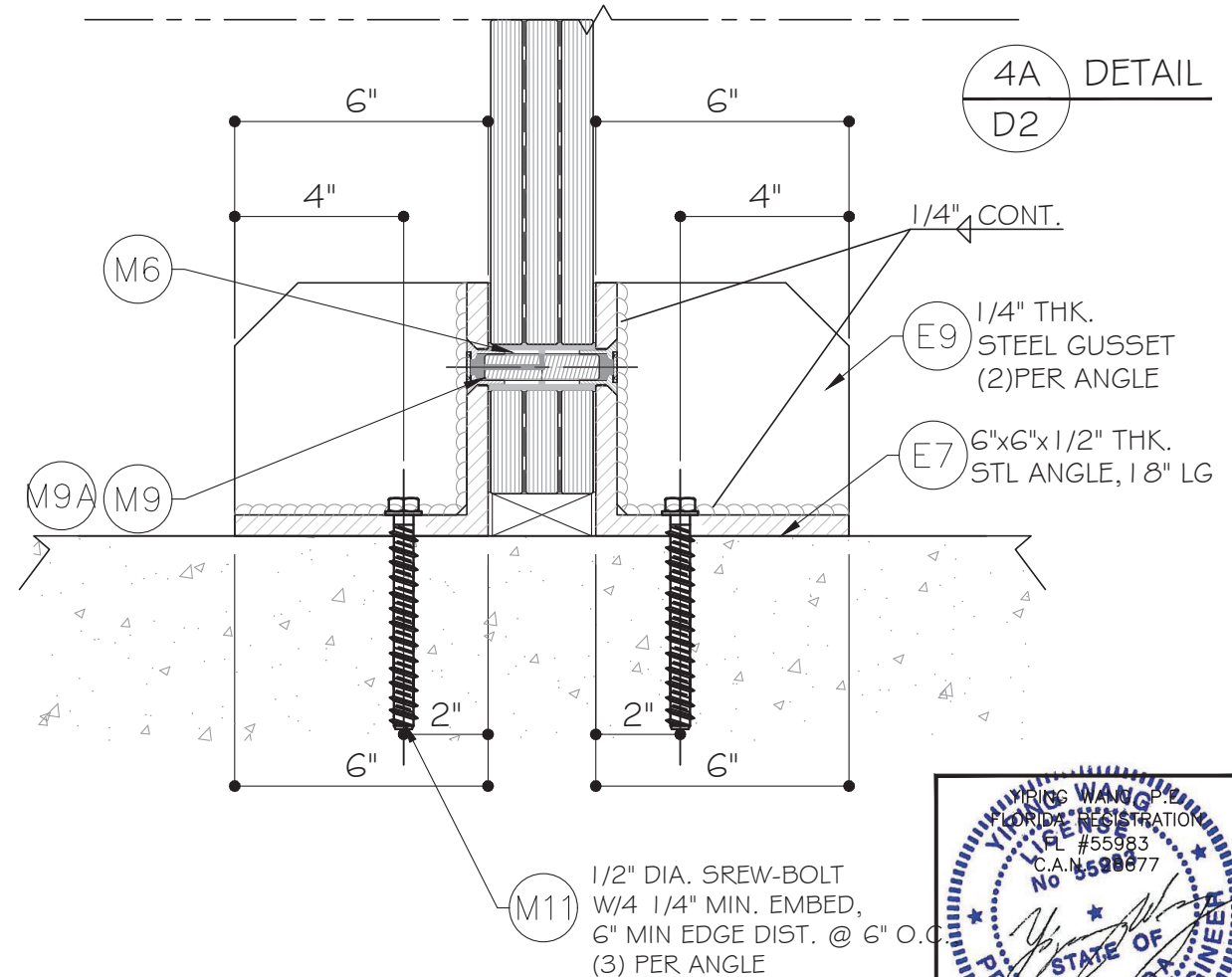
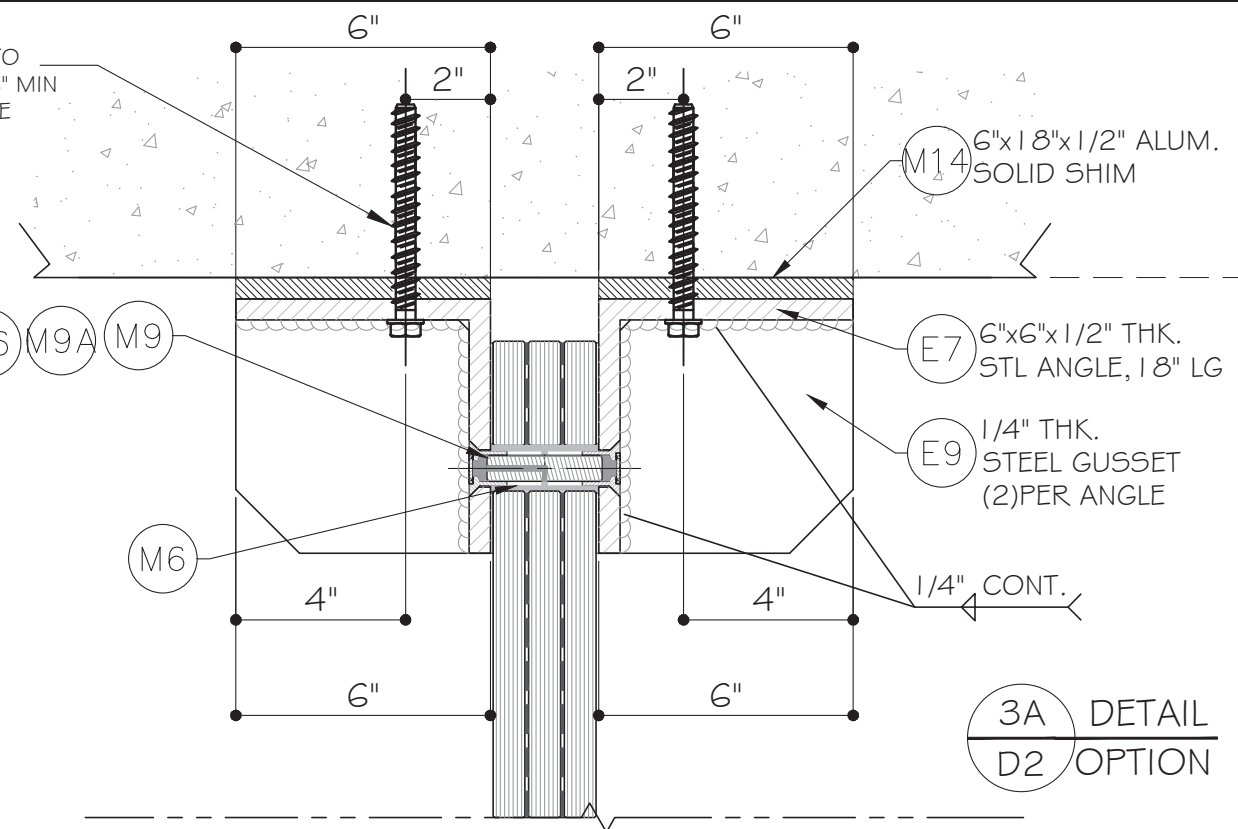
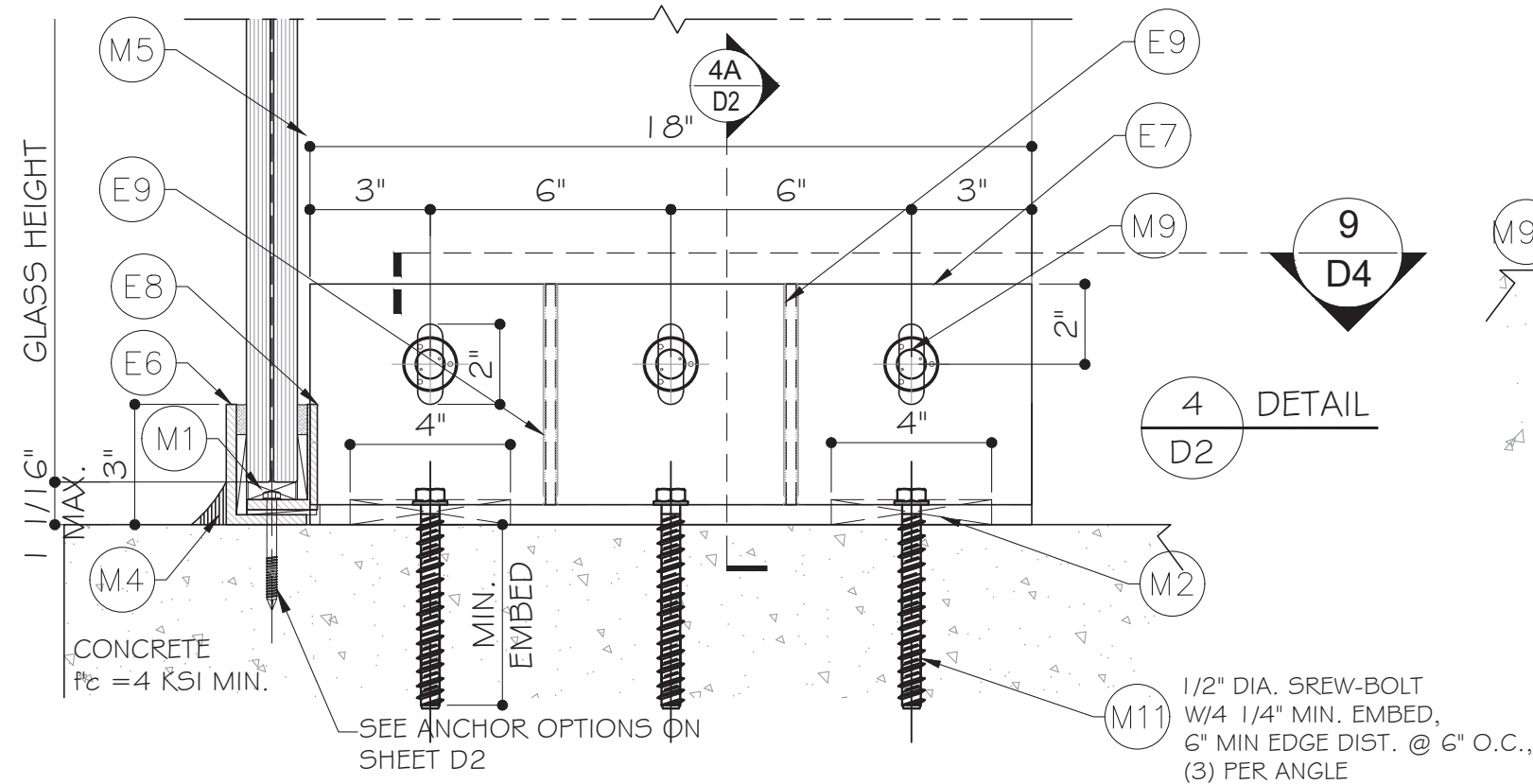
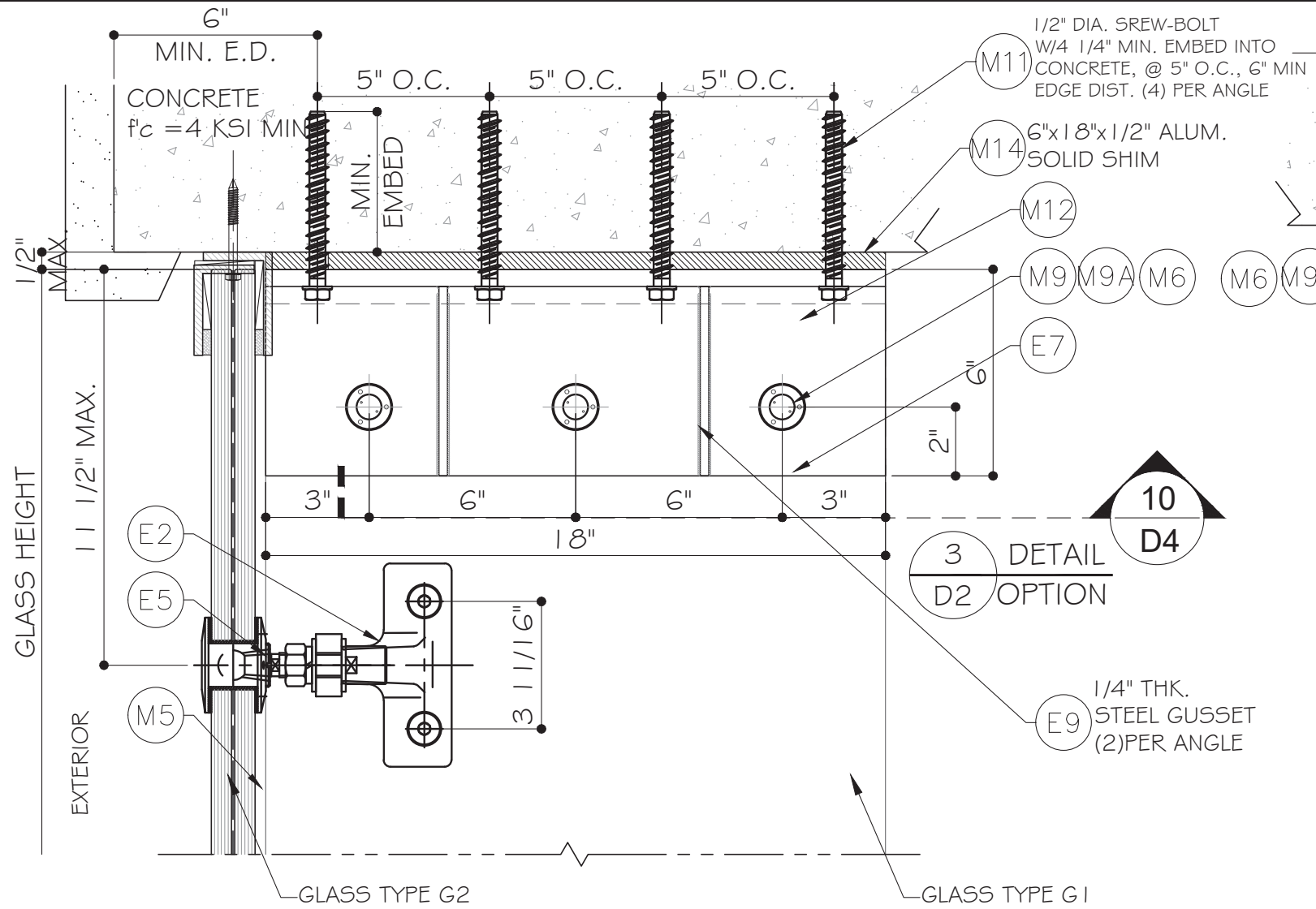
Scale
AS SHOWN

FL#27018
DRAWING NO.

AD18-03

D1
Sheet No.

3 OF 10



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

POINT SUPPORT SPIDER WALL SYSTEM - L.M.I. AND S.M.I.

CONTINENTAL GLASS SYSTEMS, INC.
325 WEST 74 PLACE, HIALEAH, FL 33014
TEL: (305) 231-1101 FAX: (305) 231-1103

Rev. No.	Date	Drawn By	Description
R2	12/09/2023	James	UPDATE TO FBC 2023

Drawn Date: 12.19.2023

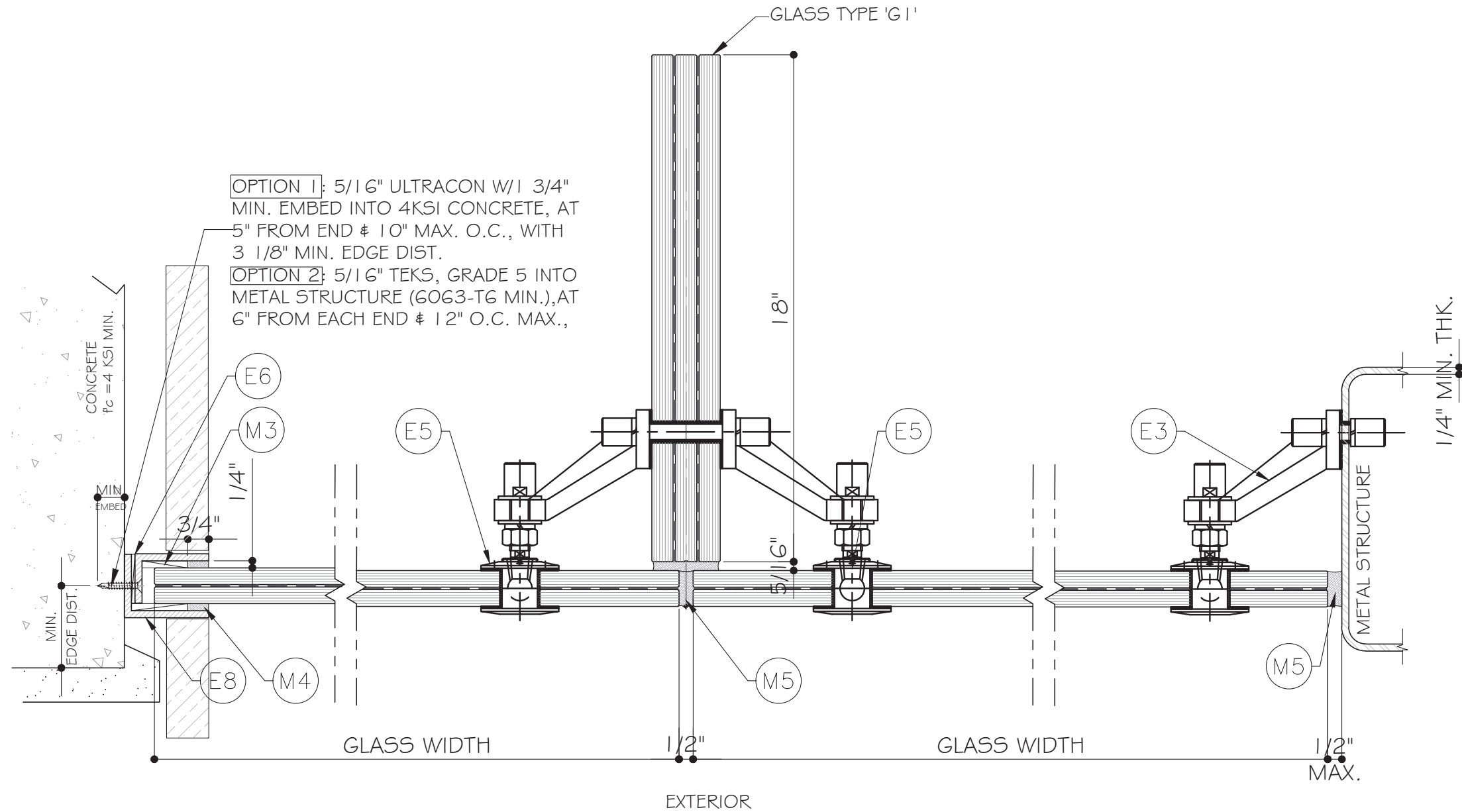
Scale: AS SHOWN

FL#27018

DRAWING NO. AD18-03

D2

Sheet No. 4 OF 10



5
D3

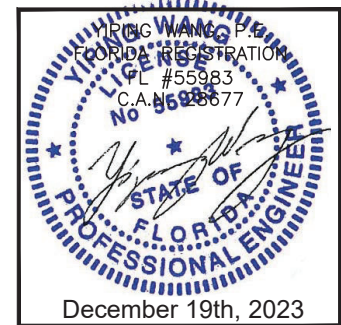
DETAIL

6
D3

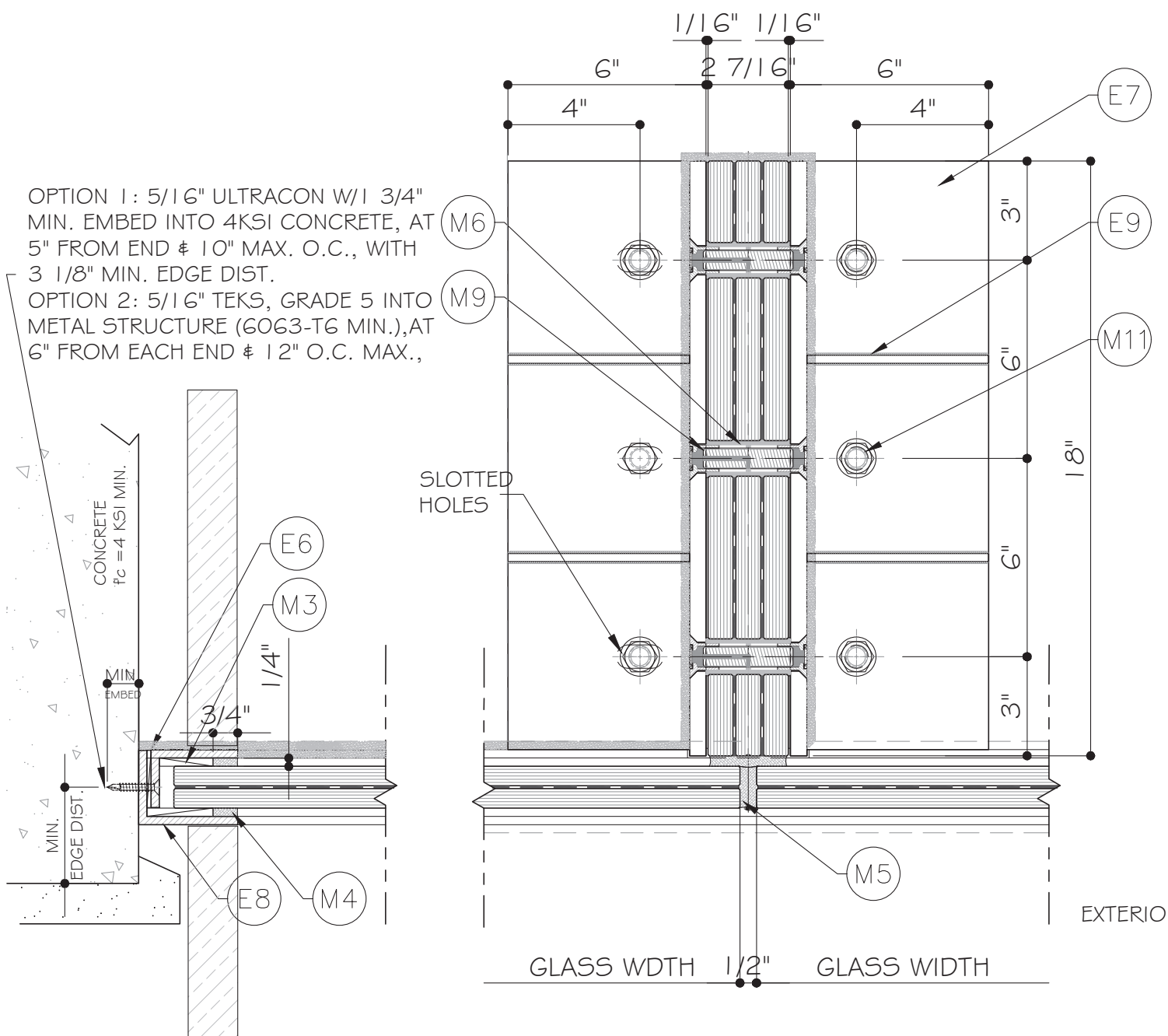
DETAIL

7
D3

DETAIL



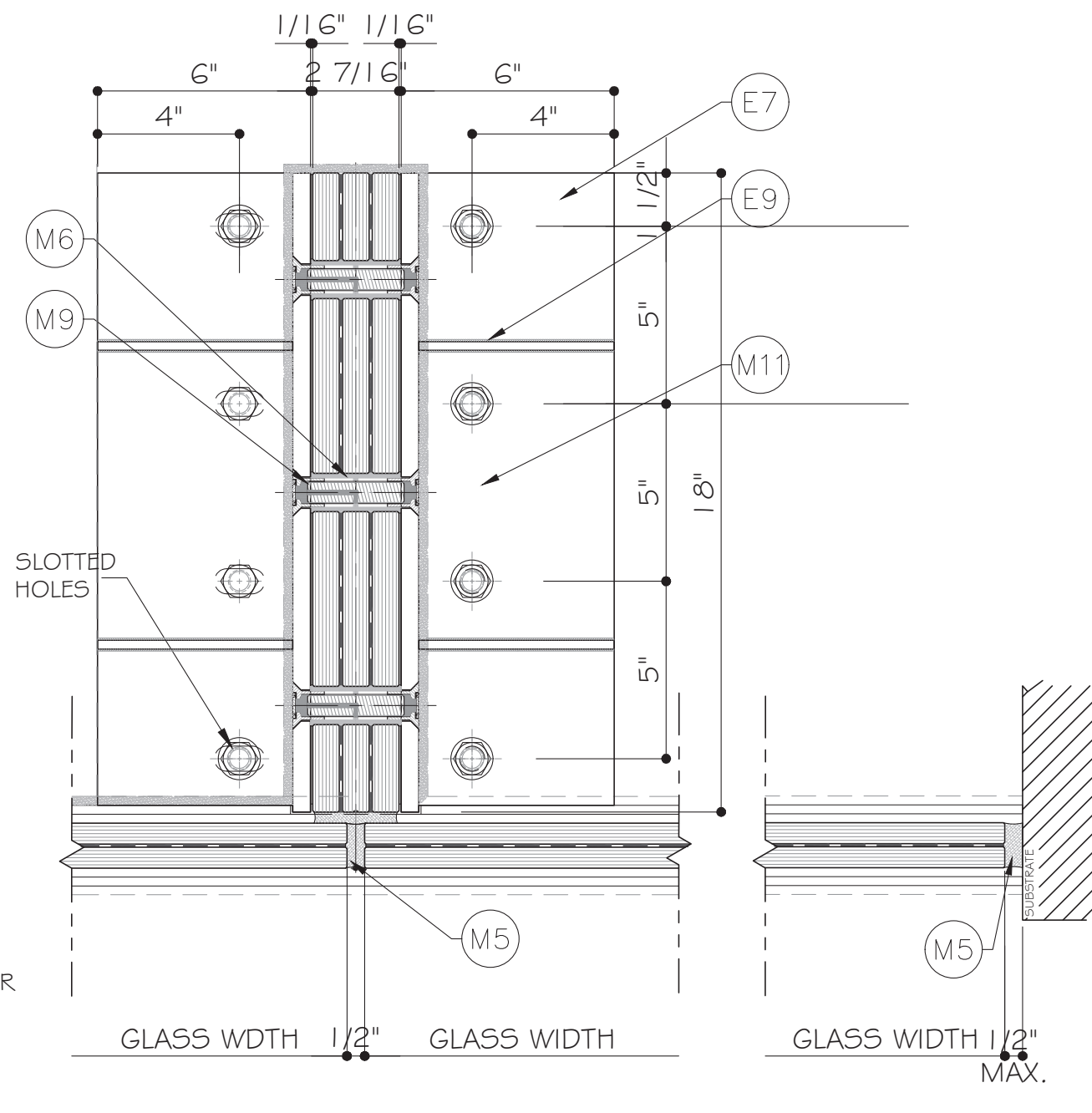
Rev. No.	Date	Drawn By	Description
R2	12.05.2023	James	UPDATE TO FBC 2023
Drawn Date	12.19.2023	Scale	AS SHOWN
FL#27018			
DRAWING NO.			
AD18-03			
D3			
Sheet No.			
5 OF 10			



8
D4

DETAIL

OPTION 1: 5/16" ULTRACON W/1 3/4" MIN. EMBED INTO 4KSI CONCRETE, AT 5" FROM END & 10" MAX. O.C., WITH 3 1/8" MIN. EDGE DIST.
 OPTION 2: 5/16" TEKS, GRADE 5 INTO METAL STRUCTURE (6063-T6 MIN.), AT 6" FROM EACH END & 12" O.C. MAX.,



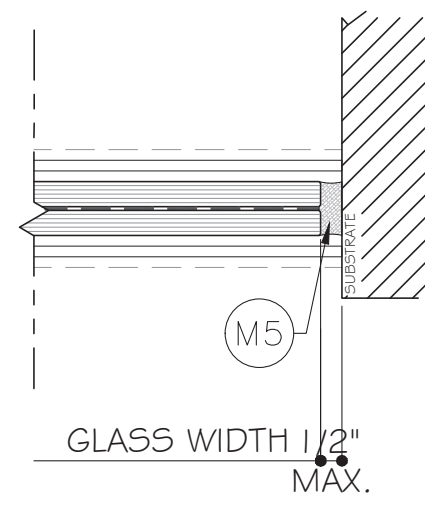
9
D4

DETAIL

OPTION 1: 5/16" ULTRACON W/1 3/4" MIN. EMBED INTO 4KSI CONCRETE, AT 5" FROM END & 10" MAX. O.C., WITH 3 1/8" MIN. EDGE DIST.
 OPTION 2: 5/16" TEKS, GRADE 5 INTO METAL STRUCTURE (6063-T6 MIN.), AT 6" FROM EACH END & 12" O.C. MAX.,

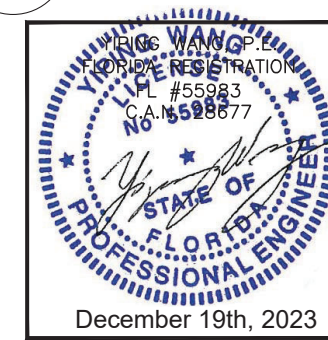
10
D4

DETAIL



11
D4

DETAIL



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

POINT SUPPORT SPIDER WALL SYSTEM - L.M.I. AND S.M.I.

CONTINENTAL GLASS SYSTEMS, INC.
325 WEST 74 PLACE, HIALEAH, FL 33014
TEL: (305) 231-1101 FAX: (305) 231-1103

Rev. No.	Date	Drawn By	Description
R2	12.09.2023	James	UPDATE TO FBC 2023

Drawn Date: 12.19.2023

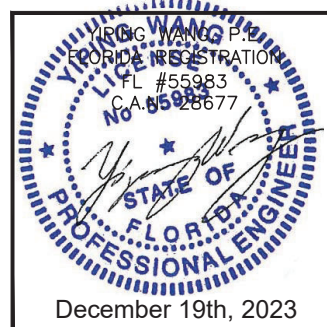
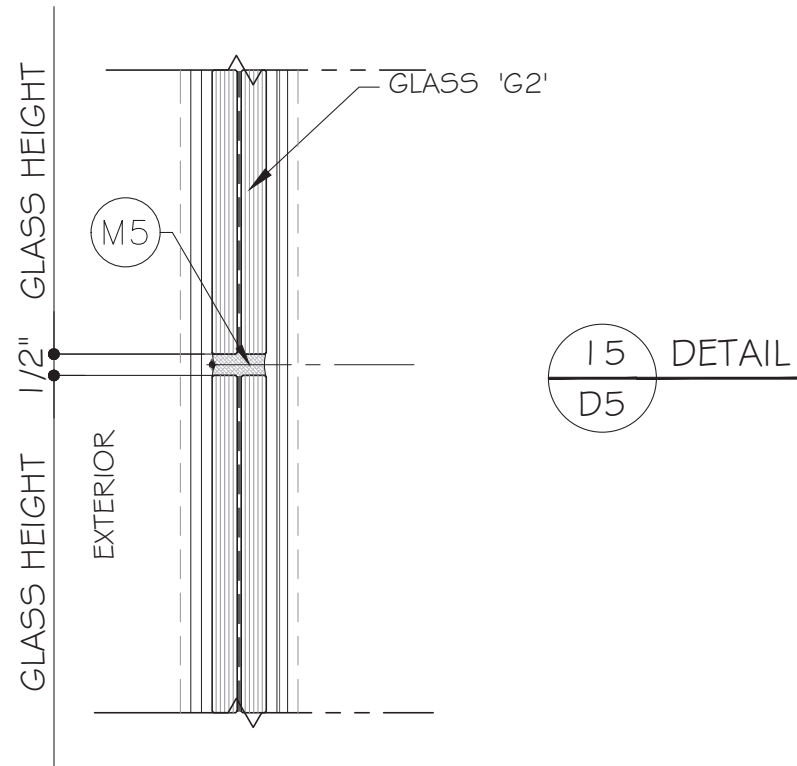
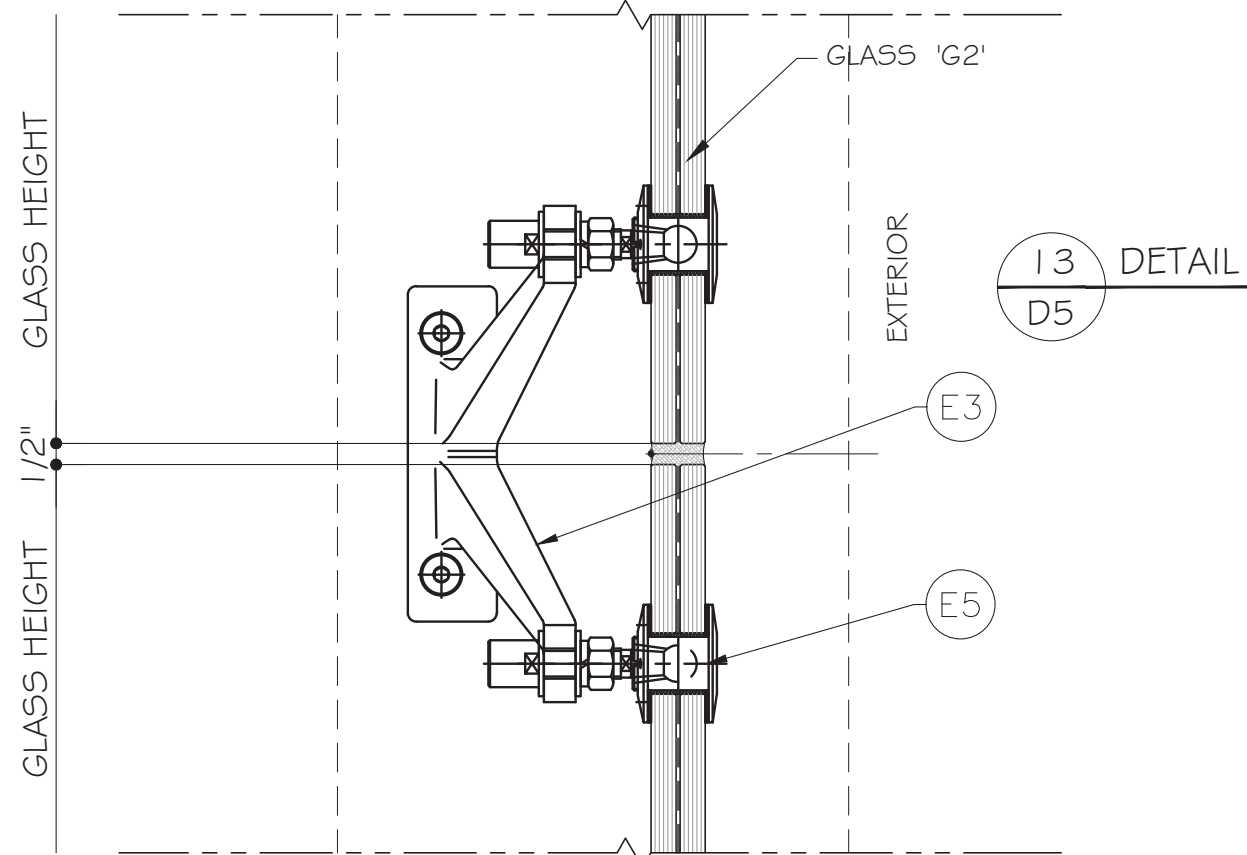
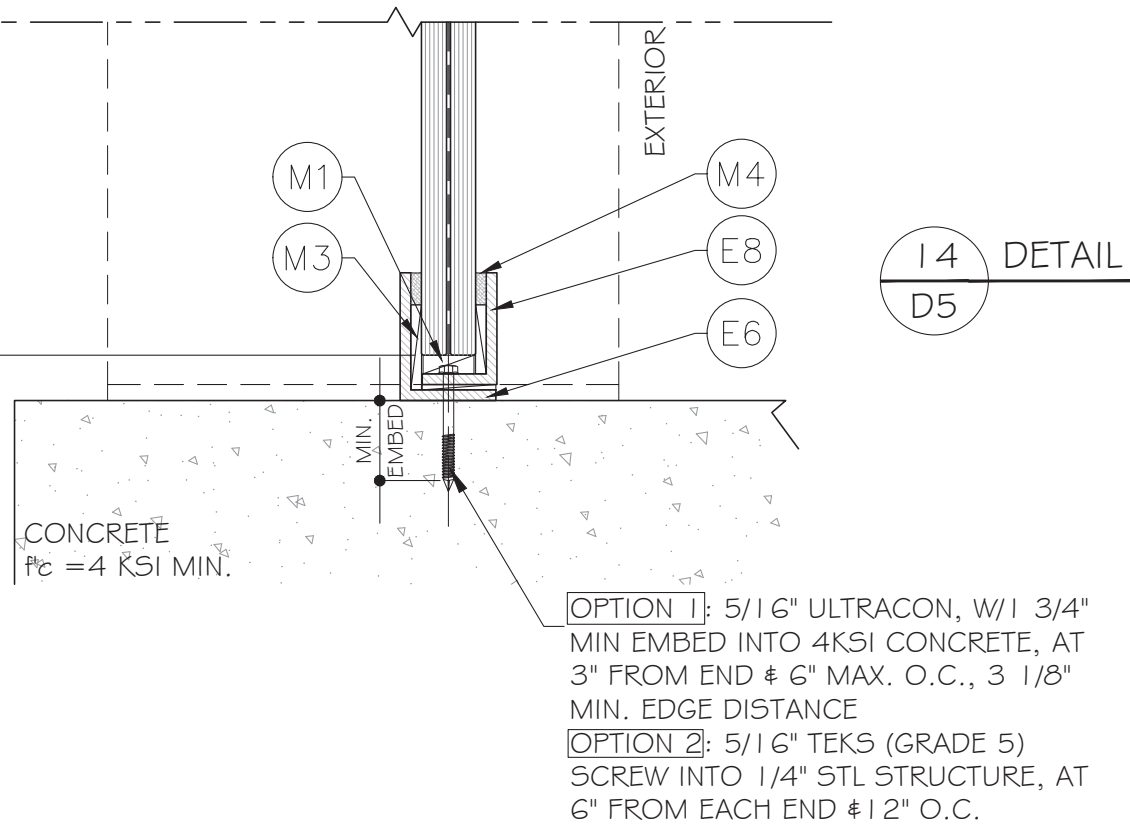
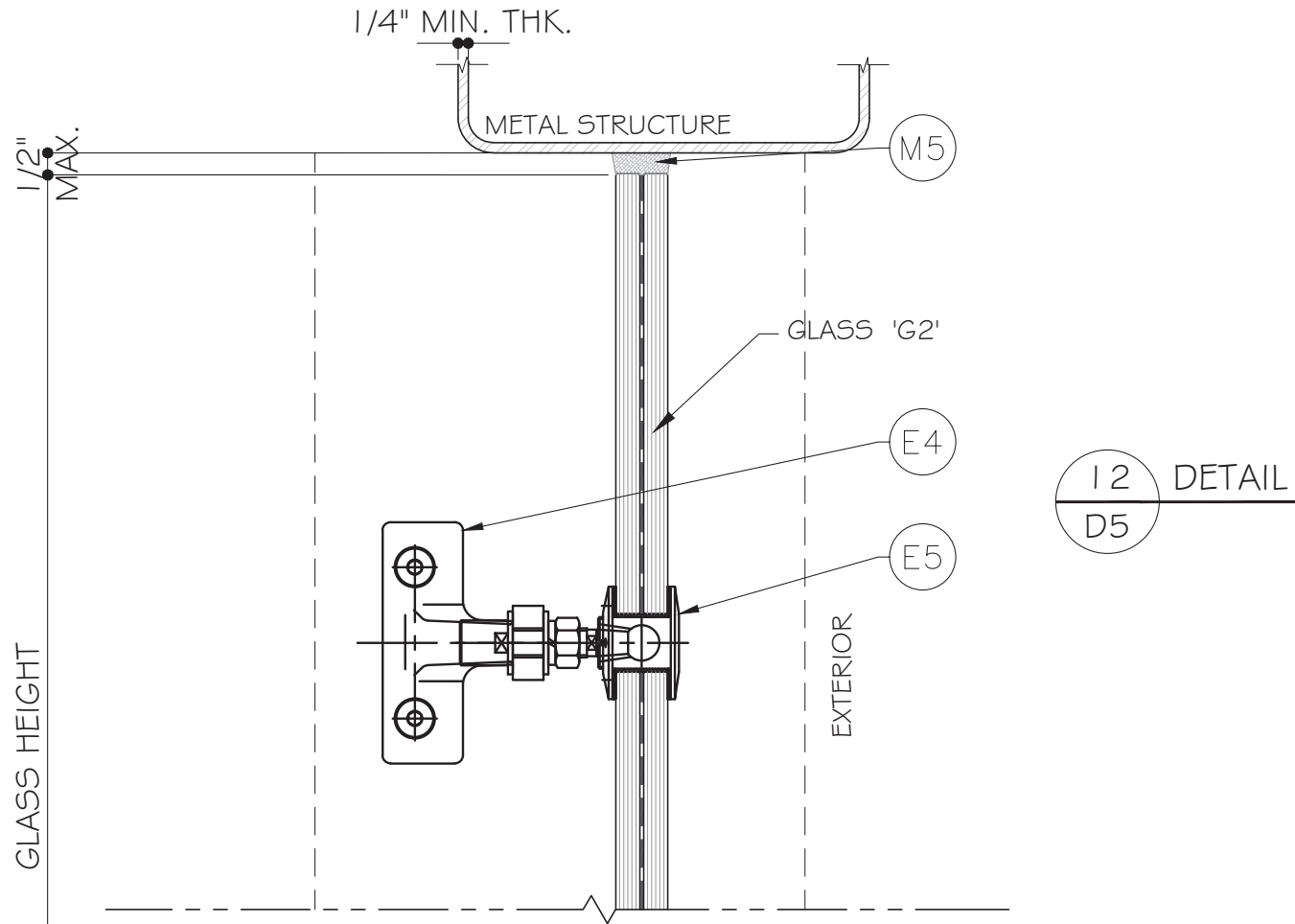
Scale: AS SHOWN

FL#27018
DRAWING NO.

AD18-03

D4

Sheet No.
6 OF 10



POINT SUPPORT SPIDER WALL SYSTEM - L.M.I. AND S.M.I.

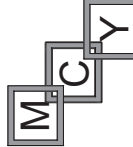
CONTINENTAL GLASS SYSTEMS, INC.

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

MCY ENGINEERING, INC.

GLAZING CONSULTANTS

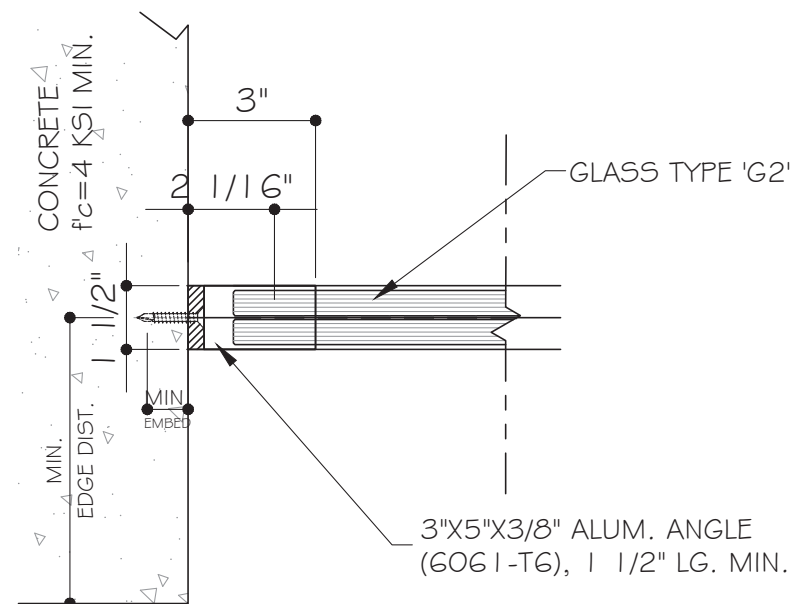
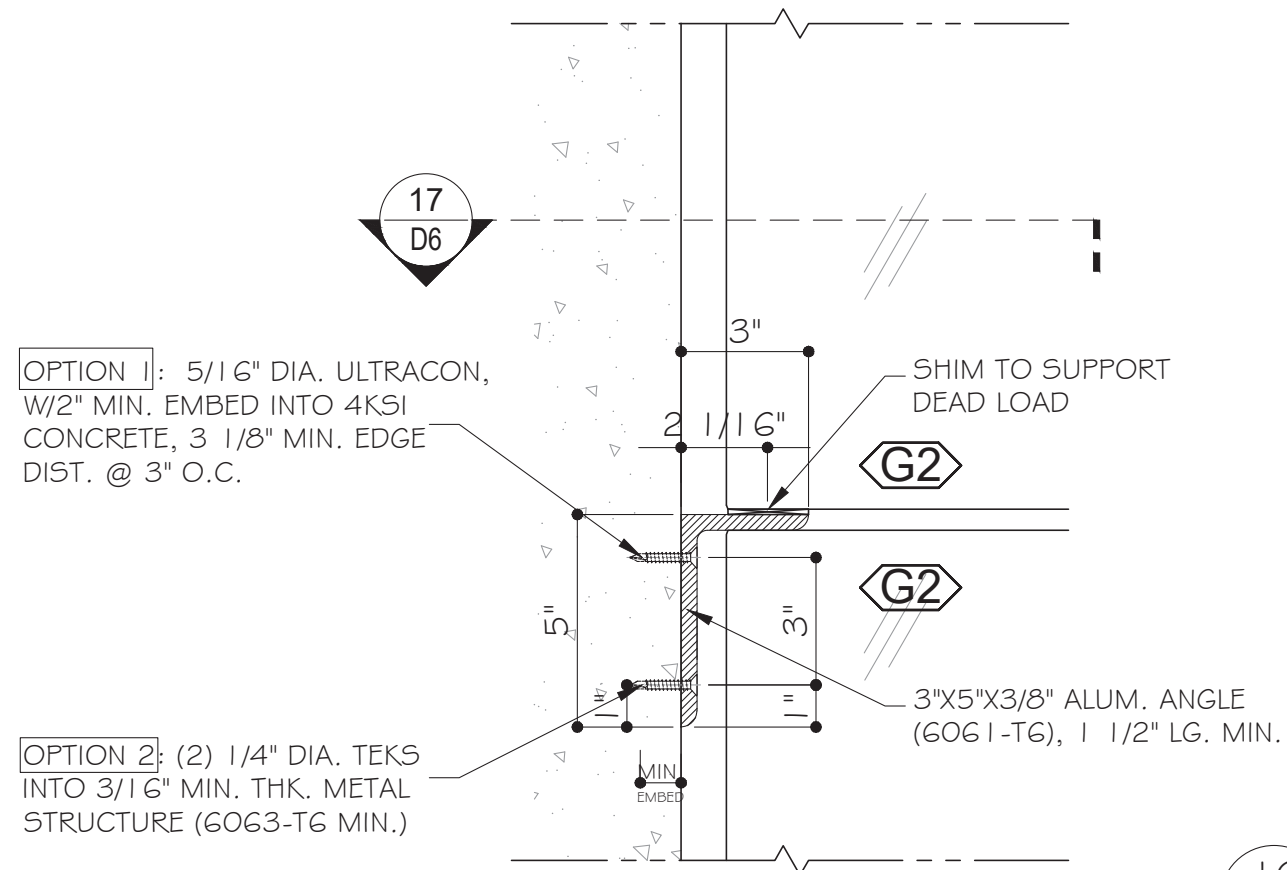
12781 MIRAMAR PKWY., STE. 301
MIRAMAR, FL 33027 P: 305.271.0117



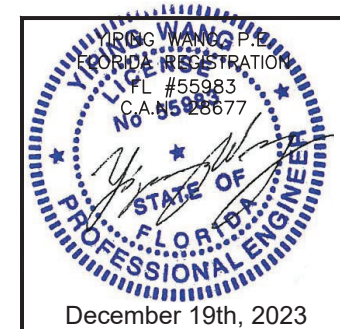
www.MCYEngineering.com

MCY@MCYENGINEERING.COM

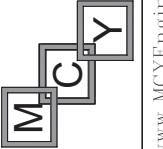
Rev. No.	Date	Drawn By	Description
R2	12.09.2023	James	UPDATE TO FBC 2023
Drawn Date	12.19.2023	Scale	AS SHOWN
FL#27018			
DRAWING NO.			
AD18-03			
D5			
Sheet No.			
7 OF 10			



17 DETAIL
D6



MCY ENGINEERING, INC.
GLAZING CONSULTANTS



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

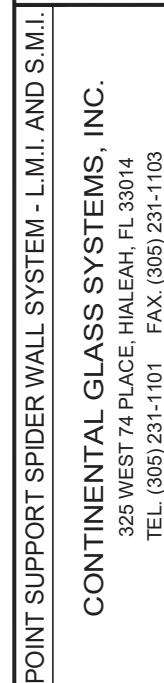
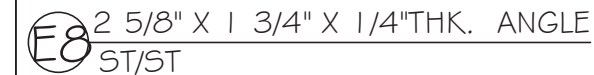
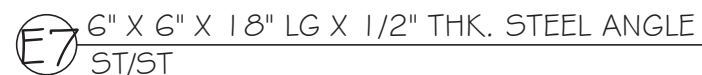
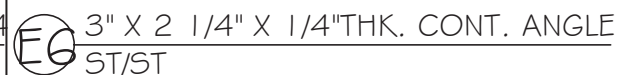
www.mcimeeting.com

POINT SUPPORT SPIDER WALL SYSTEM - L.M.I. AND S.M.I.

CONTINENTAL GLASS SYSTEMS, INC.
325 WEST 74 PLACE HIALEAH, FL 33014

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

[illegible]

[illegible]

BILL OF MATERIALS

ITEM	PART	DESCRIPTION	MATERIAL	REMARKS
E1	DL250A4	GLASS FIN SPIDER	-	NORTHGLASS
E2	DL250A21	GLASS FIN SPIDER	-	NORTHGLASS
E3	DL250A25	GLASS FIN SPIDER	-	NORTHGLASS
E4	DL250A11	GLASS FIN SPIDER	-	NORTHGLASS
E5	-	GLASS FITTING TYPE TF24	-	-
E6	-	3" X 2 1/4" X 1/4" THK. CONT. STAINLESS STEEL ANGLE	ST/ST	-
E7	-	6" X 6" X 1/8" LG. 1/2" THK. STAINLESS STEEL ANGLE	ST/ST	-
E8	-	2 5/8" X 1 3/4" X 1/4" THK. CONT. STAINLESS STEEL ANGLE	ST/ST	-
E9	-	5 1/2"X5 1/2"X1/4" THK. STAINLESS STEEL GUSSET PLATE	ST/ST	-
M1	-	7/16" THK. SETTING BLOCK AT FACADE GLASS AT 1/4 POINT	SILICONE SHORE 70	-
M2	-	4"LG X5/8" THK. SETTING BLOCK AT FIN GLASS AT 1/4 POINT	PA OR POM E=3000 MPa	-
M3	-	1/4" THK. SHIM	-	-
M4	-	DOWSIL 795 SEALANT AT PERIMETER	SILICONE	DOWSIL
M5	-	DOWSIL 983 SEALANT AT GLASS TO GLASS	SILICONE	DOWSIL
M6	-	HILTI HIT HY-70 INJECTION GROUT AT FIN SHOES	-	-
M7	-	SIKASIL SG520 SEALANT AT GLASS TO GLASS	SILICONE	-
M9	-	M16 INJECTION BOLT ST/ST W/ M16 X70MM THREADED BOLT	ST/ST	-
M9A	-	5/8" DIA. THRU BOLT ST/ST W/ WASHERS & NUTS		
M11	-	1/2" DIA. SCREW BOLT+ W/ 4 1/4" EMBED INTO 4KSI CONCRETE	CARBON STEEL	DEWALT BY POWERS
M12	-	5/8" DIA. X 2 3/4" GRADE 5 HEX HEAD BOLT W/ WASHER, NUT & LOCK WASHER	-	-
M12A	-	5/8" DIA. ELCO TAP FLEX		
M13	-	1" DIA. ST/ST ROD	ST/ST	
M14	-	6"X18"X1/2" SOLID ALUM. SHIM	6063-T5	

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

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

www.MCYEngineering.com
MCY@MCYENGINEERING.COM

POINT SUPPORT SPIDER WALL SYSTEM - L.M.I. AND S.M.I.

CONTINENTAL GLASS SYSTEMS, INC.

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

[illegible]