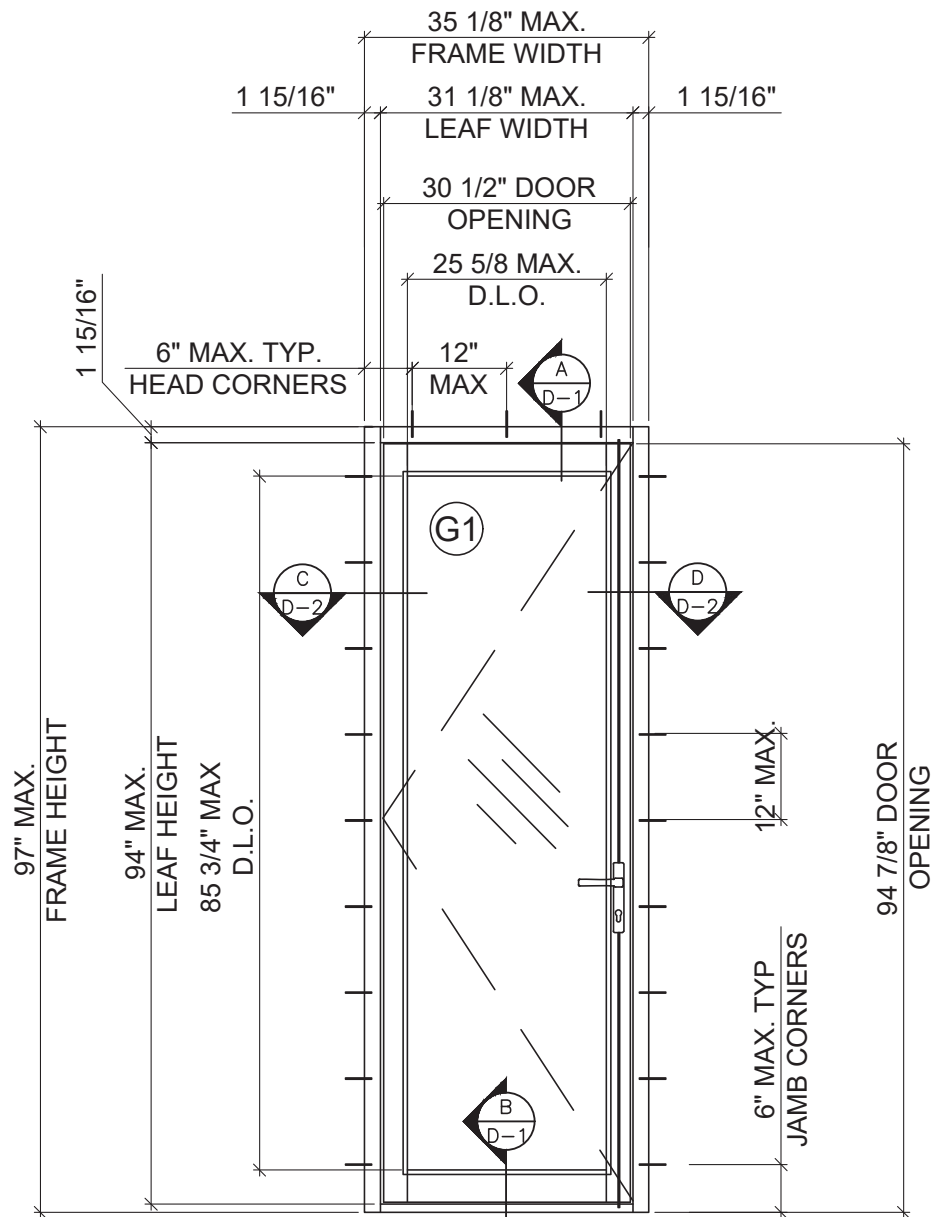
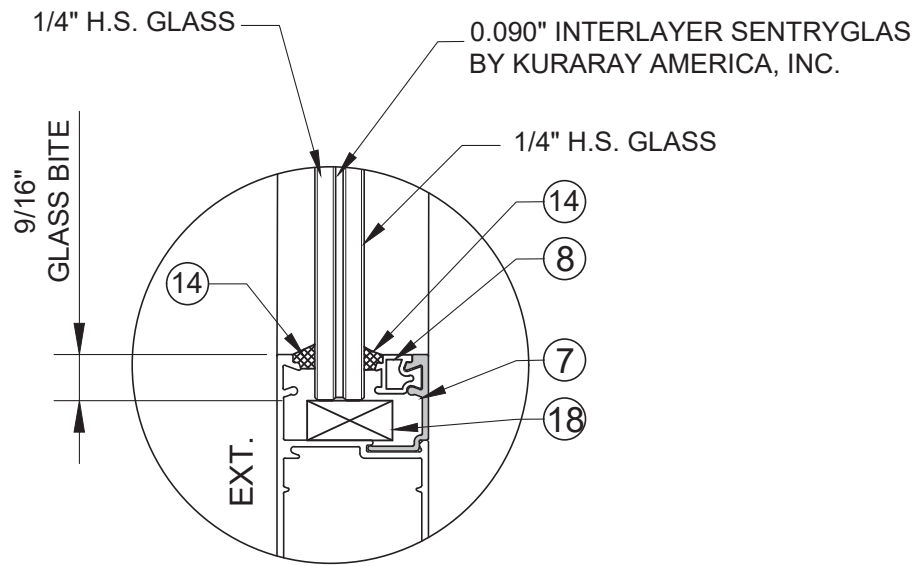




OUTSWING SINGLE DOOR
TYPICAL EXTERIOR ELEVATION

SERIES SPA100 ALUMINUM OUTSWING GLASS DOOR SYSTEM

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 7TH EDITION FLORIDA BUILDING CODE 2020/ 8TH EDITION FLORIDA BUILDING CODE 2023 INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- DOORS ARE RATED LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.
- ULTIMATE DESIGN LOAD OBTAINED FROM ASCE 7-16/ASCE 7-22, MULTIPLY BY 0.6, SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THE DOCUMENT.
- 1X OR 2X WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE, TO BE REVIEWED BY BUILDING OFFICIAL.
- 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 7TH EDITION FLORIDA BUILDING CODE 2020/ 8TH EDITION FLORIDA BUILDING CODE 2023 SECTION AS APPLICABLE.
- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- WHERE APPLICABLE: EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.
- DOOR MEET WATER INFILTRATION WITH THRESHOLD TYPE USED.
- SEALANT: ALL FRAME AND PANEL JOINTS AND INSTALLATION SCREWS TO BE SEALED WITH CLEAR SILICONE.
- 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.



G1 GLAZING DETAIL
9/16" NOMINAL OVERALL

NOTE:
GLASS COMPLIES WITH ASTM E1300-09 (3 SEC. GUSTS).

MAX. DESIGN LOAD

+ 70 PSF
- 70 PSF

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.

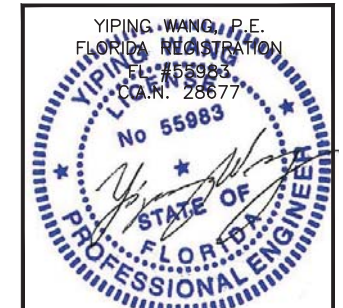
C-THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

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:

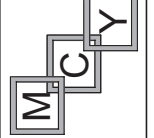
FL 42328



SERIES SPA100 ALUMINUM OUTSWING GLASS DOOR - LMI

Do it impact, inc.
7501 East Adamo Drive
Tampa, Florida 33619

P: 321.946.5816 email:info@doitimpact.com



MCY ENGINEERING, INC.
GLAZING CONSULTANTS

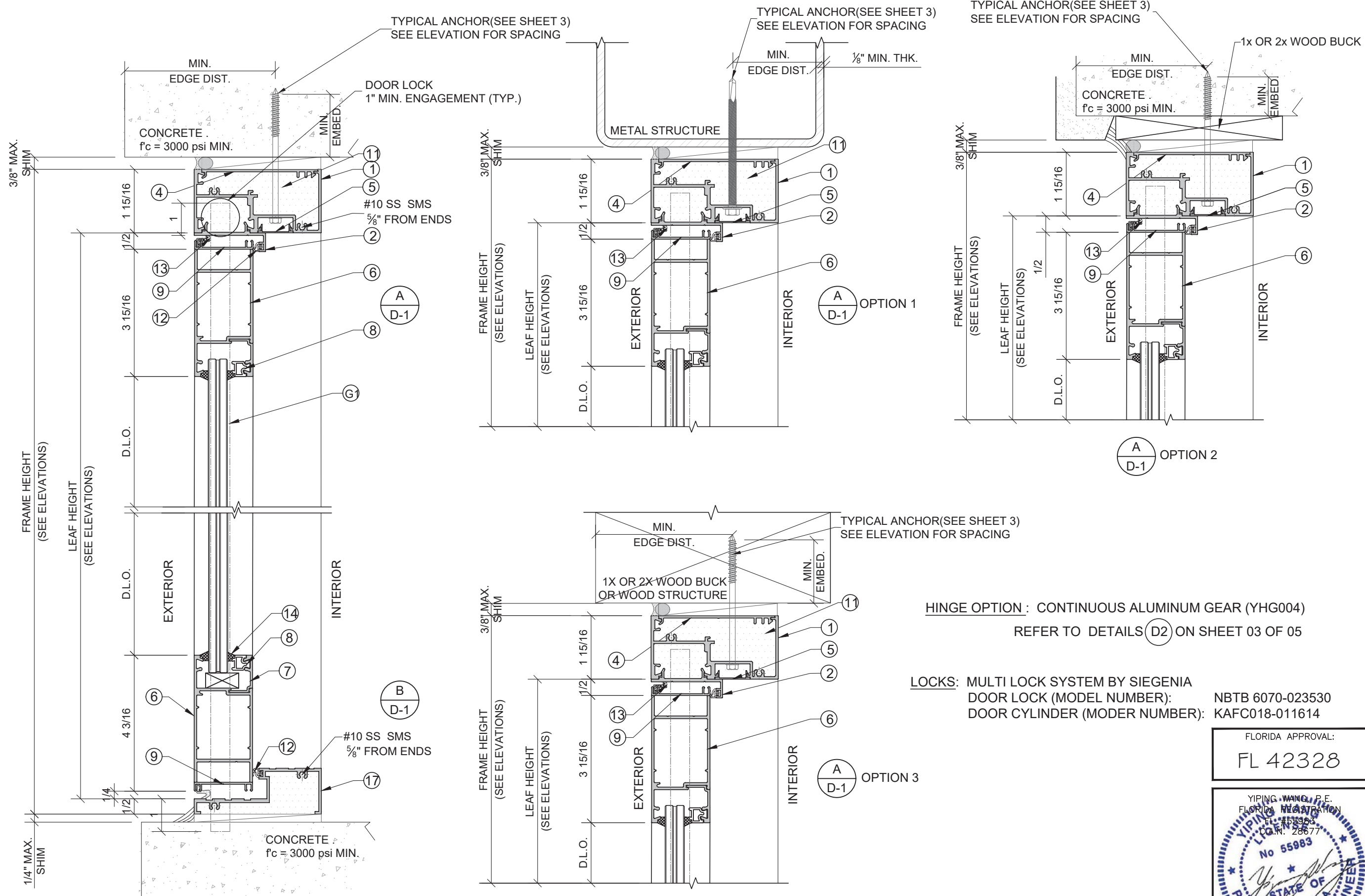
12781 MIRAMAR PARKWAY #301
MIRAMAR, FL 33027

P: 305.271.0117

www.MCYEngineering.com mcy@mcyengineering.com

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1	08.17.2023	James	new application
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Sheet No.			
1 OF 5			

August 18th, 2023



HINGE OPTION : CONTINUOUS ALUMINUM GEAR (YHG004)
REFER TO DETAILS (D2) ON SHEET 03 OF 05

LOCKS: MULTI LOCK SYSTEM BY SIEGENIA
DOOR LOCK (MODEL NUMBER): NBTB 6070-023530
DOOR CYLINDER (MODER NUMBER): KAFC018-011614

FLORIDA APPROVAL:
FL 42328

YIPING WANG, P.E.
FLORIDA REGISTRATION
No 55983
STATE OF FLORIDA
PROFESSIONAL ENGINEER

August 18th, 2023

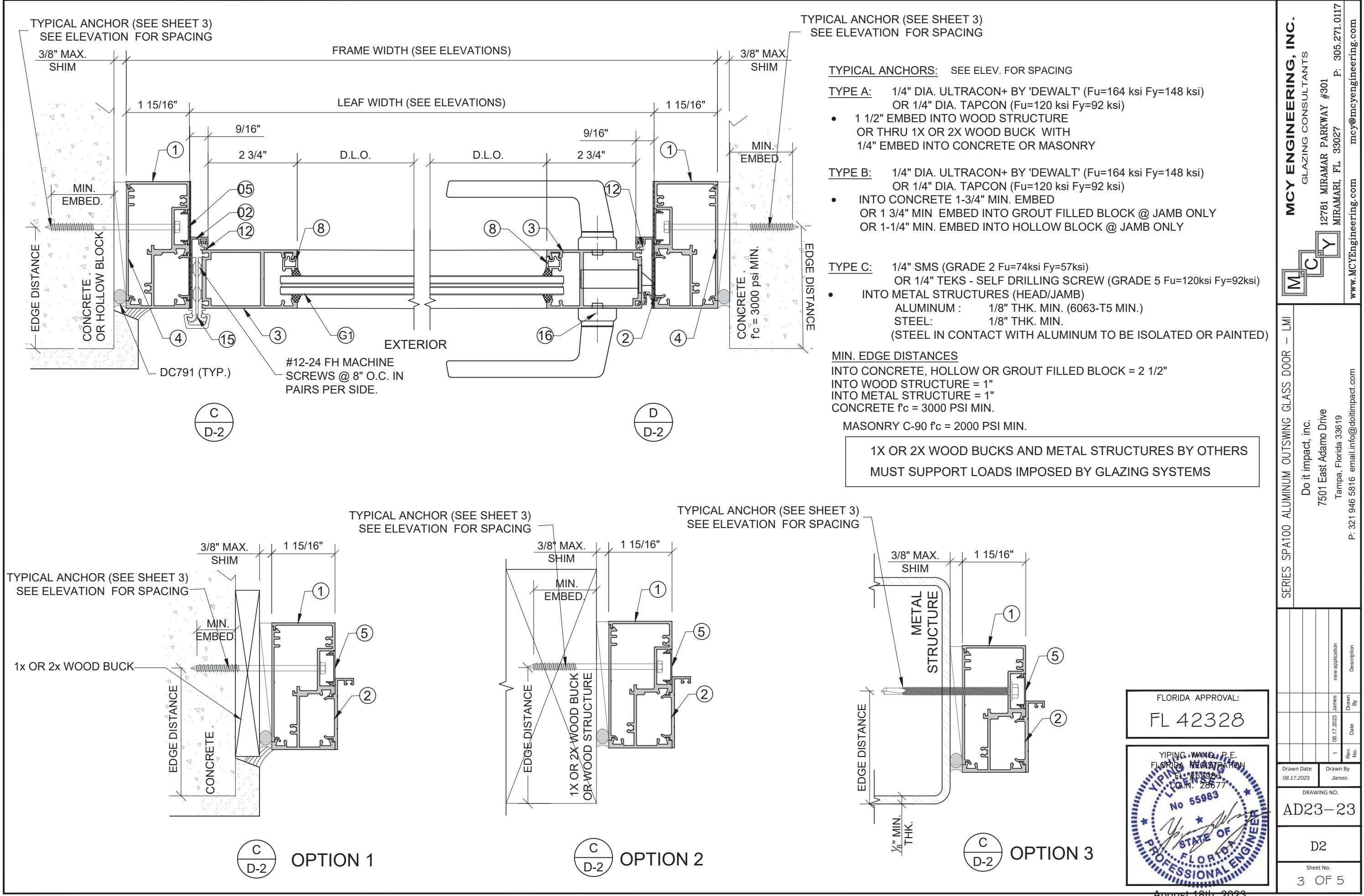
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D1
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2 OF 5



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SERIES SPAT100 ALUMINUM OUTSWING GLASS DOOR - LMI

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AD23-23

D2

Sheet No.

3 OF 5

FLORIDA APPROVAL:

FL 42328

YIPING WANG, P.E.

FLORIDA REGISTRATION

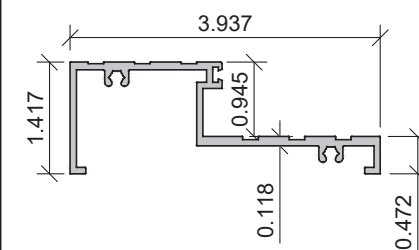
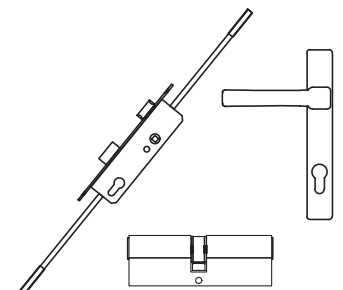
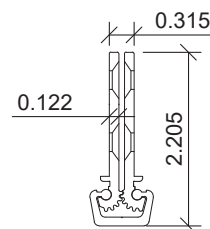
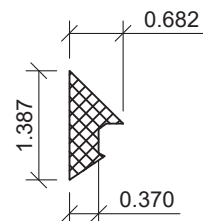
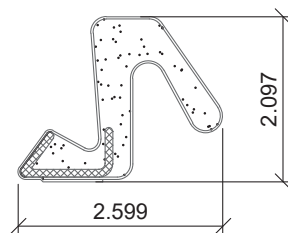
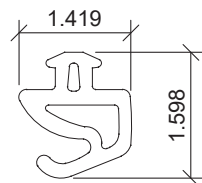
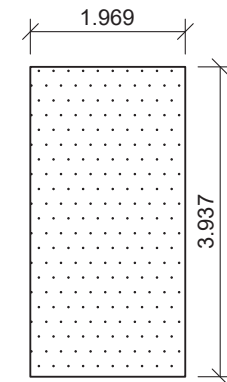
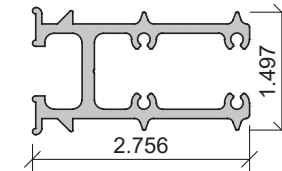
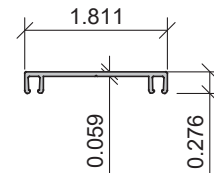
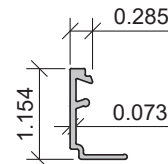
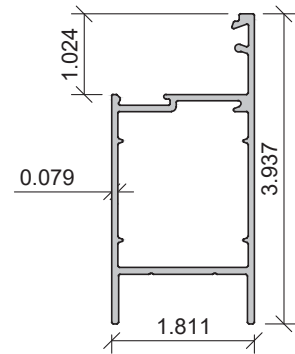
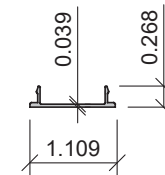
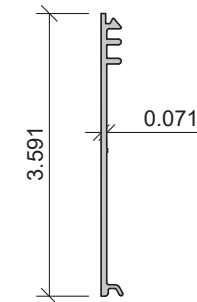
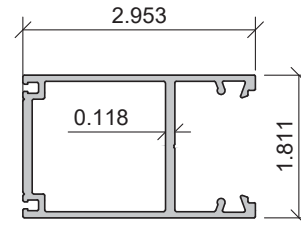
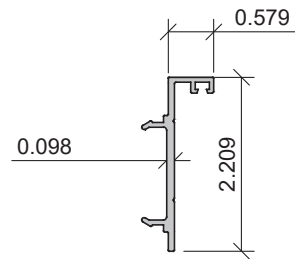
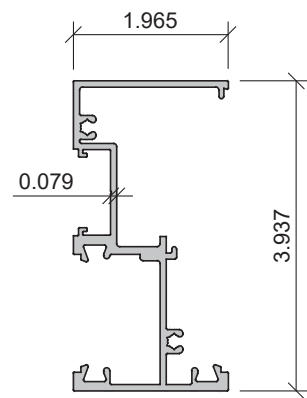
FL 153983

EXP. DATE: 2027

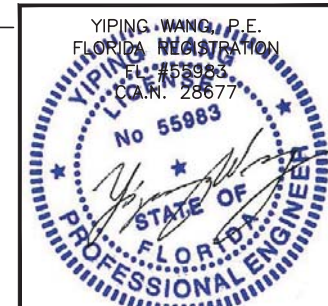
STATE OF FLORIDA

PROFESSIONAL ENGINEER

August 18th, 2023



FLORIDA APPROVAL:
FL 42328



SERIES SPA100 ALUMINUM OUTSWING GLASS DOOR – LMI

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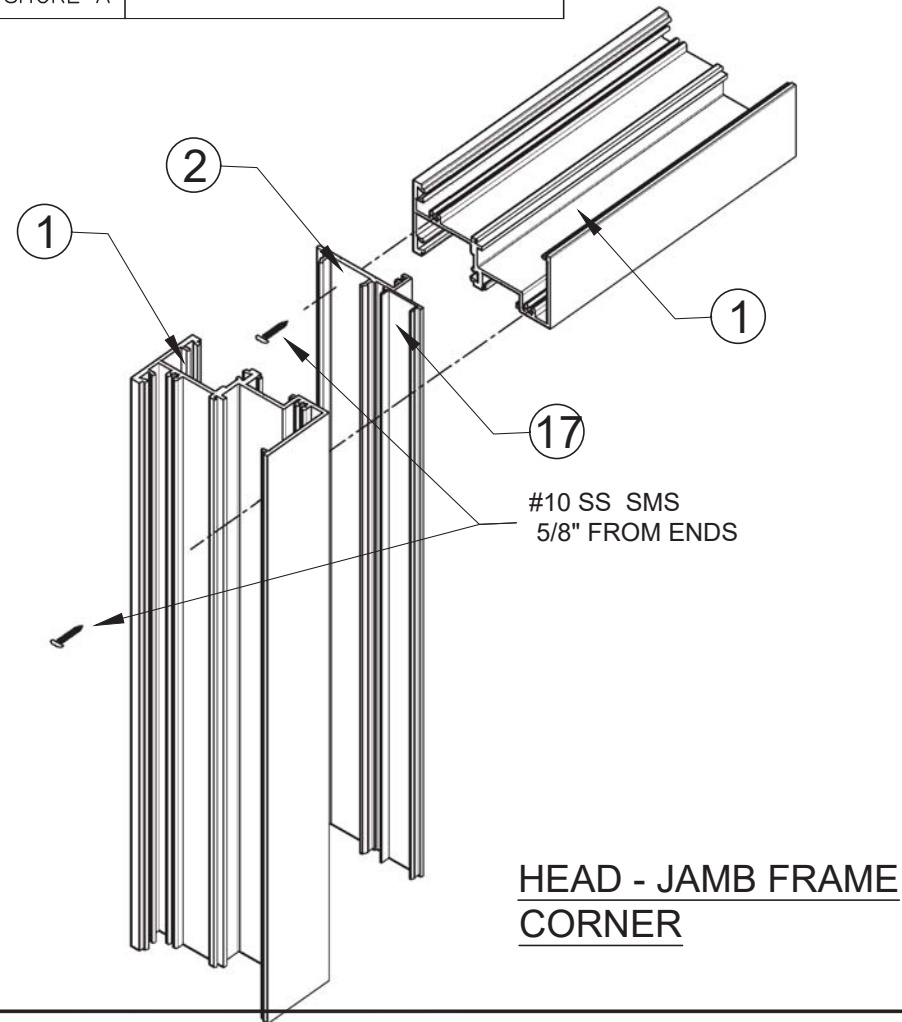
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DRAWING NO.
AD23-23

EXTRUSIONS

Sheet No. 4 OF 5

BILL OF MATERIALS				
ITEM #	PROFILE	DESCRIPTION	MATERIAL	MANUFACTURER/REMARKS
1	SPA10001	DOOR FRAME	ALUM. 6063-T5	—
2	SPA10013	DOOR ADAPTOR	ALUM. 6063-T5	—
3	SPA10014	DOOR STILE	ALUM. 6063-T5	—
4	SPA10007	FLUSH ADAPTOR	ALUM. 6063-T5	—
5	SPA13006	DOOR ADAPTOR	ALUM. 6063-T5	—
6	YYS048	TOP& BOTTOM RAIL	ALUM. 6063-T5	—
7	YYS050	DOBLE GLAZED BEAD	ALUM. 6063-T5	—
8	SPA10016	SINGLE GLAZED POCKRT	ALUM. 6063-T5	—
9	SPA10108	DOOR RAIL ADAPTOR	ALUM. 6063-T5	—
10	YYS046	CONNECTING ADAPTOR	ALUM. 6063-T5	—
11	SPA10001W	3M SEALING ADHESIVE TAP	—	—
12	SBW-26955	EPDM GASKET	EPDM (DUROMETER 70±5 – SHORE A)	—
13	KS306	FOAMING GASKET	FOAM (DUROMETER 60 – SHORE A)	—
14	—	737 NEUTRAL CURE SEALANT	SILICONE	DOW CORNING
15	YHG004	CONTINUOUS HINGE	ALUM. 6063-T5	PEMKO
16	DS1297	DOOR LOCK & HANDLE & CYLINDER	STEEL	SIEGENIA
17	SPA10049	DOOR SILL	ALUM. 6063-T5	—
18	—	SETTING BLOCK, 1” X 1/2”	EPDM, 80 SHORE A	—



HEAD - JAMB FRAME
CORNER

YIPING WANG, P.E.
FLORIDA REGISTRATION
E. #55983
C.O.N. 28677



August 18th, 2023

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