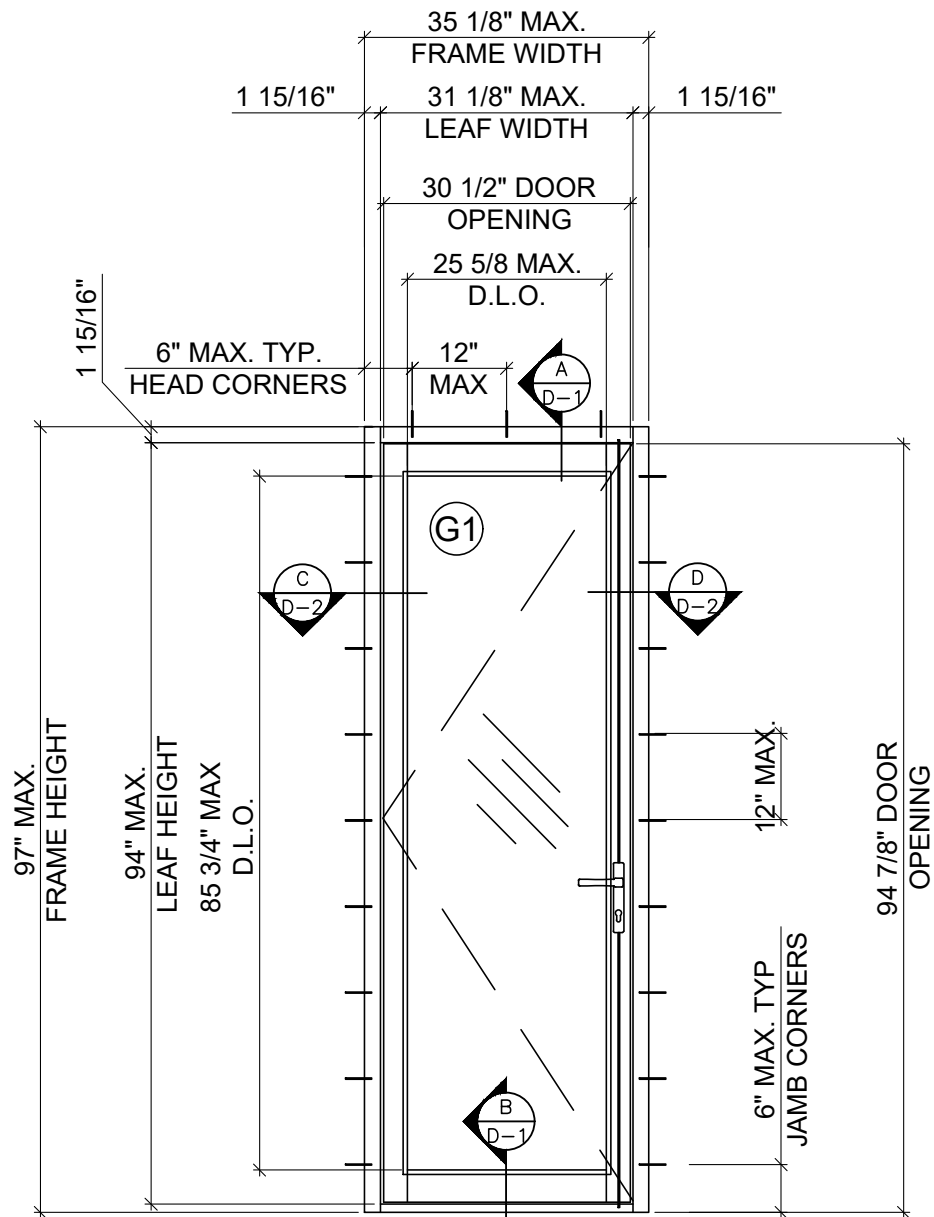
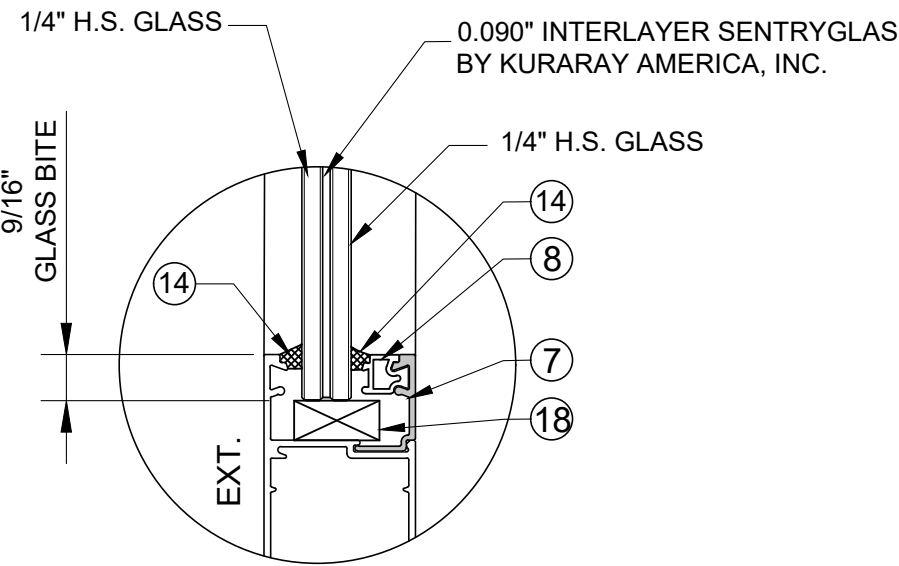




OUTSWING SINGLE DOOR
TYPICAL EXTERIOR ELEVATION



G1 GLAZING DETAIL
9/16\"/>

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

MAX. DESIGN LOAD

+ 70 PSF
- 70 PSF

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.

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.



REVISIONS		NO.	DATE	DESCRIPTION
		1	02.22.2019	UPDATE TO 2017 FBC
		2	03.04.2021	UPDATE TO 2020 FBC
		3	08.15.2023	UPDATE TO 2023 FBC

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

MCY

12781 MIRAMAR PARKWAY #301 P: 305.271.0117
MIRAMAR, FL 33027
www.MCYEngineering.com MCY@mcycyengineering.com

SERIES SPA100 ALUMINUM OUTSWING GLASS DOOR - LMI

SUPERHOUSE DOOR & WINDOWS SYSTEM SOLUTION

SHANGHAI SUPERHOUSE BUILDING MATERIAL CO LTD
No. 10, Hangjien Rd, Pudong New Area, Shanghai 201316, China
EMAIL: INFO@SUPERHOUSE.COM
P: +86 18621373609 F: +86 2158220631

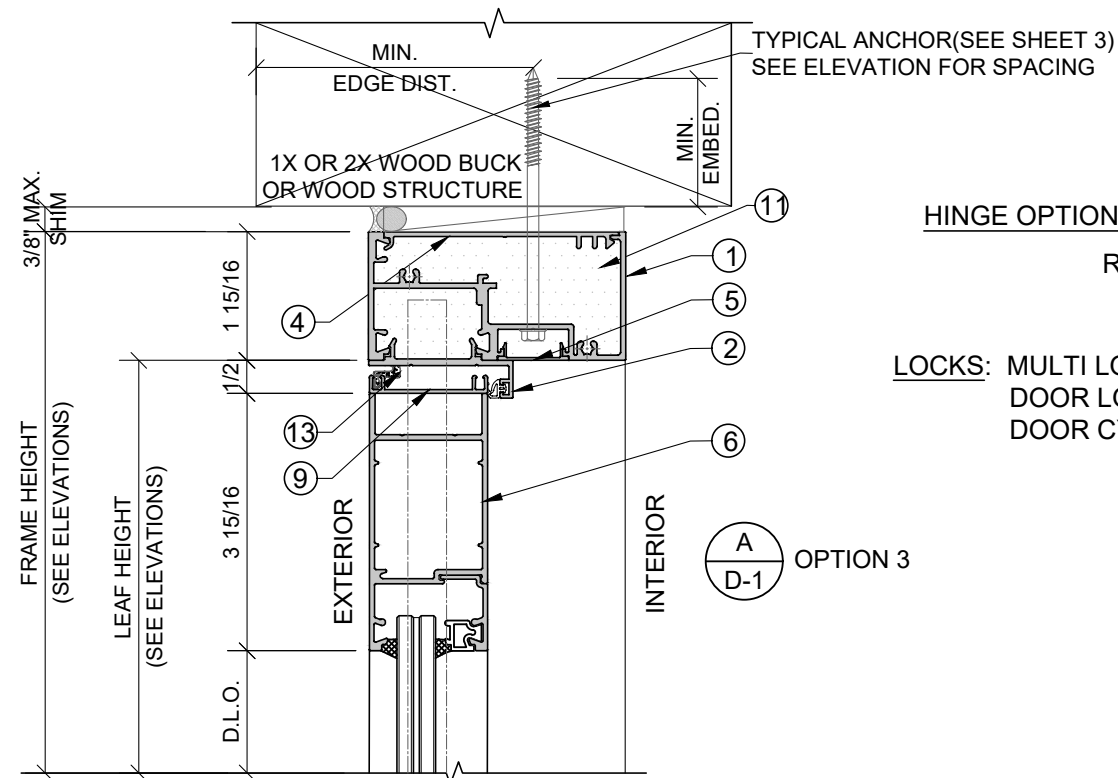
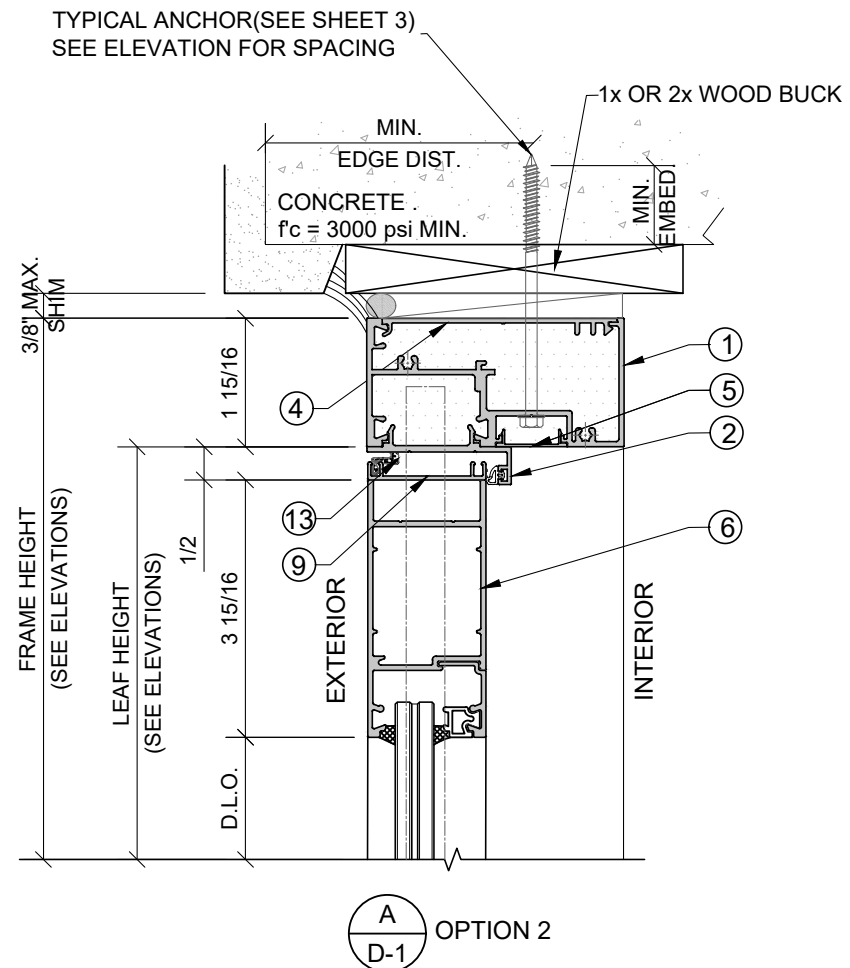
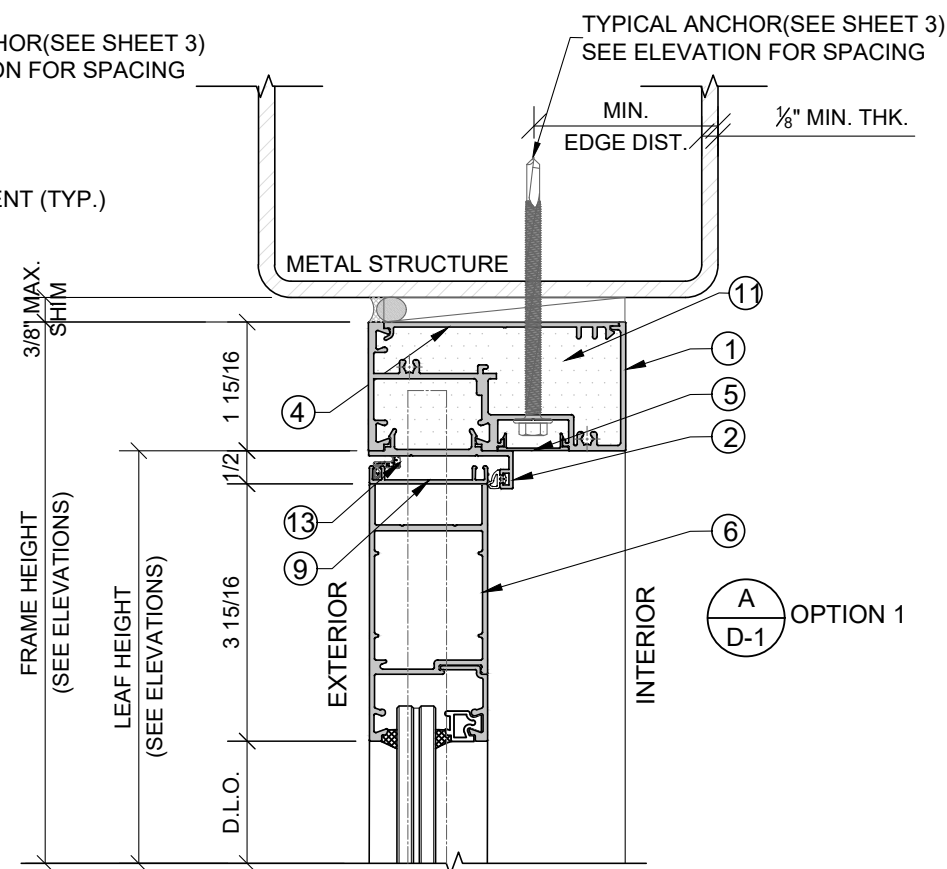
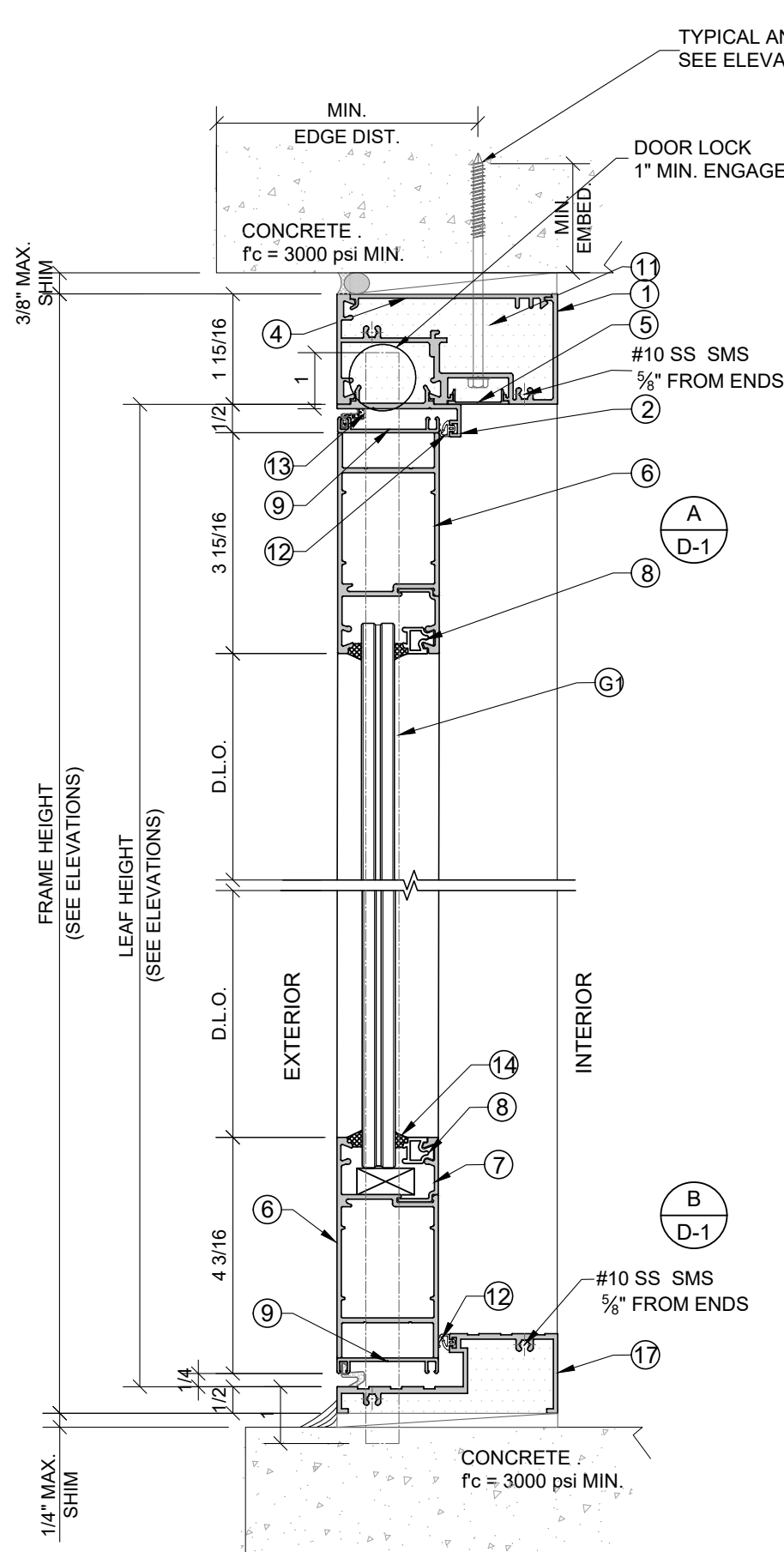
FL#29092

DATE	08.15.2023
SCALE	AS NOTED
DRAWN	MCY
PROJECT	MCY#19-020

COVER

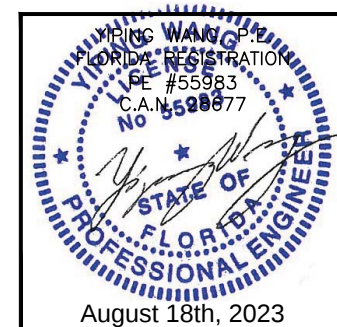
DRAWING NO.
AD19-09

1 OF 5



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



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SERIES SPAT100 ALUMINUM OUTSWING GLASS DOOR - LMI

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D-1	
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AD19-09	
2 OF 5	

1 DOOR FRAME
SPA10001
6063-T5

2 DOOR ADAPTOR
SPA10013
6063-T5

3 DOOR STILE
SPA10014
6063-T5

4 FLUSH ADAPTOR
SPA10007
6063-T5

5 DOOR ADAPTOR
SPA 13006
6063-T5

6 TOP & BOTTOM RAIL
YYS048
6063-T5

7 DOUBLE GLAZED BEAD
YYS050
6063-T5

8 SINGLE GLAZED POCKRT
SPA10016
6063-T5

9 DOOR RAIL ADAPTOR
SPA10108
6063-T5

10 CONNECTING ADAPTOR
YYS046
6063-T5

11 3M SEALING ADHESIVE TAP
SPA10001W

12 EPDM GASKET
SBW-26955

13 FOAMING GASKET
KS306

14 SEALANT
DOW CORNING 737
NEUTRAL CURE
SEALANT

15 CONTINUOUS HINGE
YHG004

16 DOOR LOCK &
HANDLE & CYLINDER
DS1297

17 DOOR SILL
SPA10049
6063-T5

YIPING WANG P.E.
FLORIDA REGISTRATION
E #55983
C.A.N. 5598377

August 18th, 2023

REVISIONS

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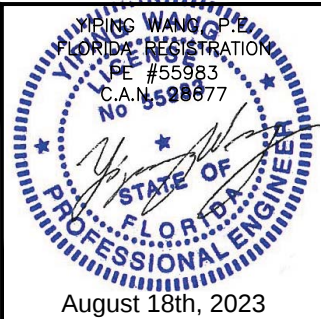
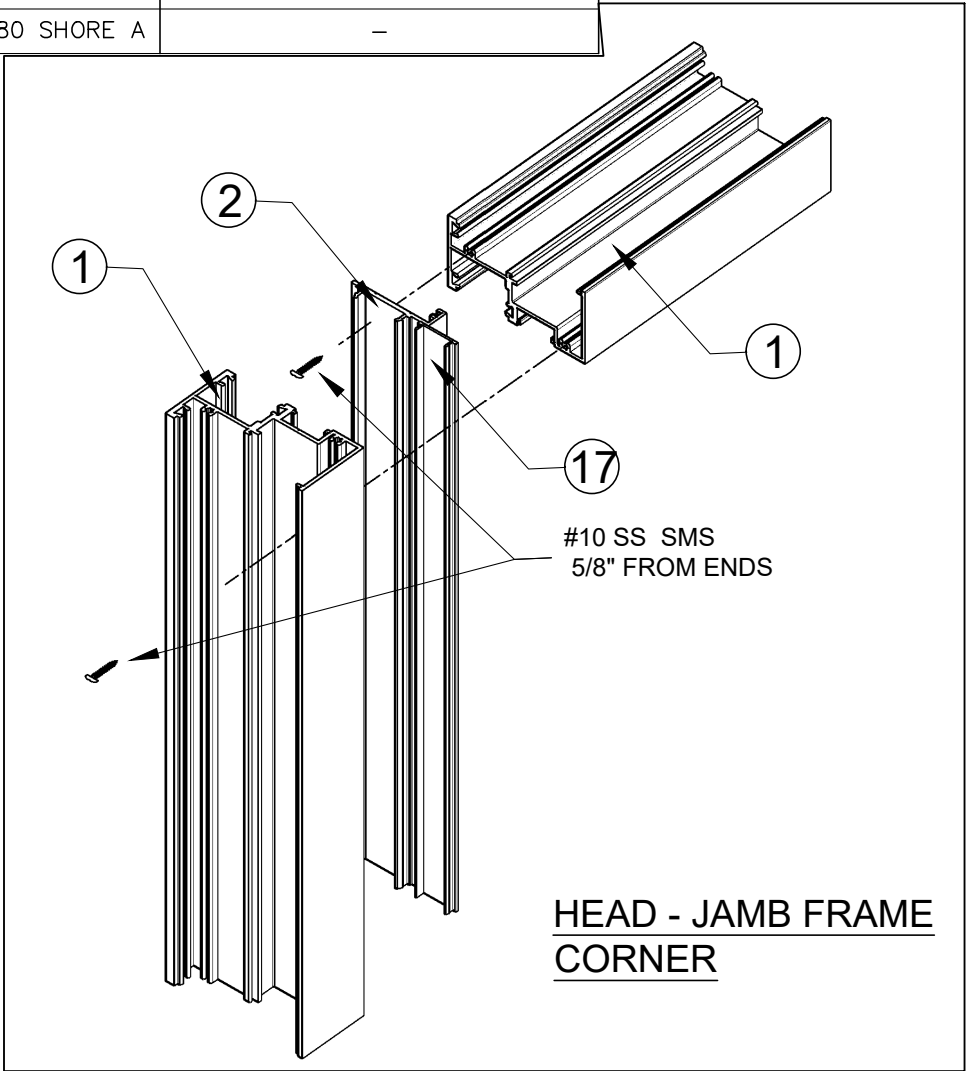
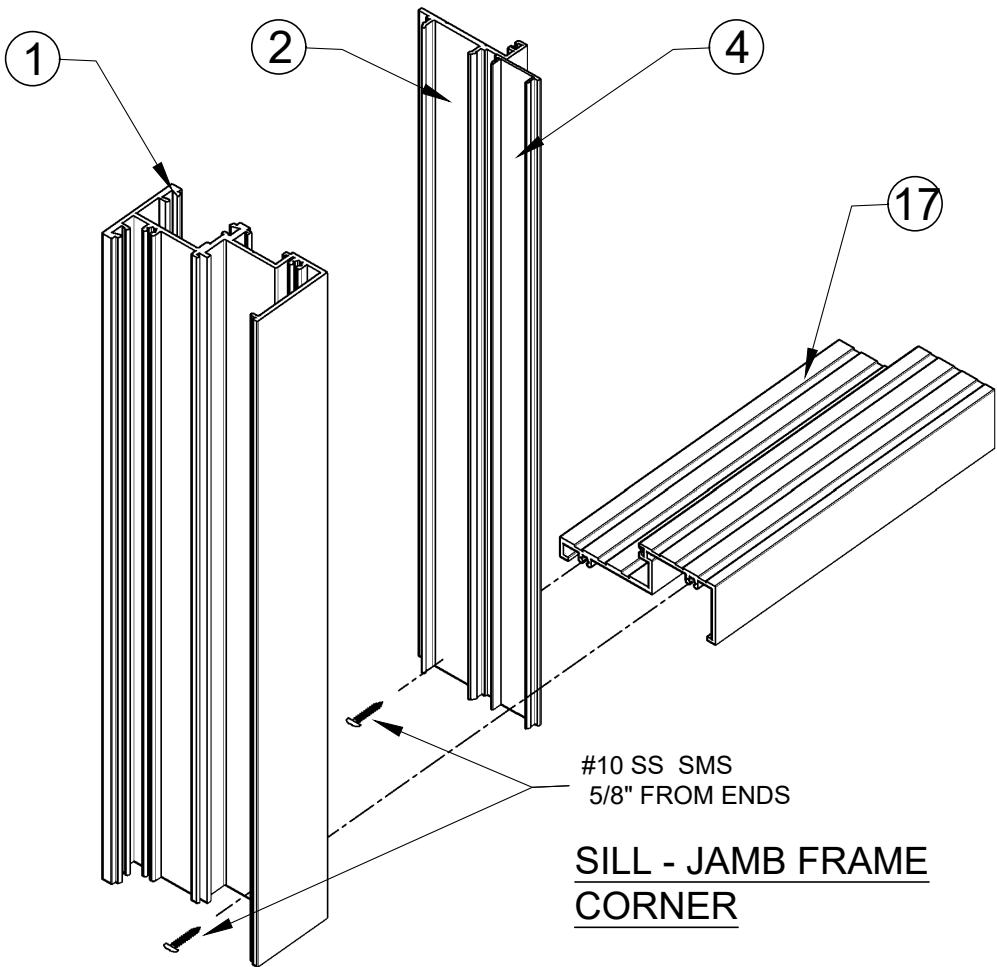
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PROJECT	MCY#19-020

EXTRUSION

DRAWING NO.
AD19-09

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	-



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