

SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD.
SPA 100 HORIZONTAL SLIDING GLASS WINDOW SYSTEM - L.M.I.

GENERAL NOTES:

- 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).

- WINDOWS RATED FOR LARGE AND SMALL MISSILE IMPACT. LMI SYSTEM TO BE USED FOR INSTALLATIONS UP TO 30 FT OF GRADE. FOR ABOVE 30 FT OF GRADE, SMI TO BE USED. IMPACT SHUTTERS ARE NOT REQUIRED.

- THIS WINDOW 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 7TH EDITION FLORIDA BUILDING CODE (2020)/ 8TH EDITION FLORIDA BUILDING CODE (2023) SECTION AS APPLICABLE.

- METAL STRUCTURES NOT BY SHANGHAI SUPERHOUSE BUILDING MATERIAL 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.

SEALANT:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS 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 OR WIND TUNNEL REPORTS.

STEP 2: SEE SHEET E1 FOR TYPICAL WINDOW ELEVATION.

STEP 3: SEE SHEET A I FOR ANCHOR OPTIONS. SEE SHEET E I FOR NUMBER OF ANCHORS REQUIRED.

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 THIS AS AN ENGINEER OF RECORD. ACTING AS A DELEGATED ENGINEER TO THE P.E.D ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- 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 # 30923.1

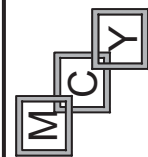


SPA100 Sliding Glass Window System - L.M.I.&S.M.I..

SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8666 HUNAN RD, PUDONG NEW AREA
SHANG HAI, CHINA

TEL.86 021-5822 0630 CELL.86 135-8572-3609

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

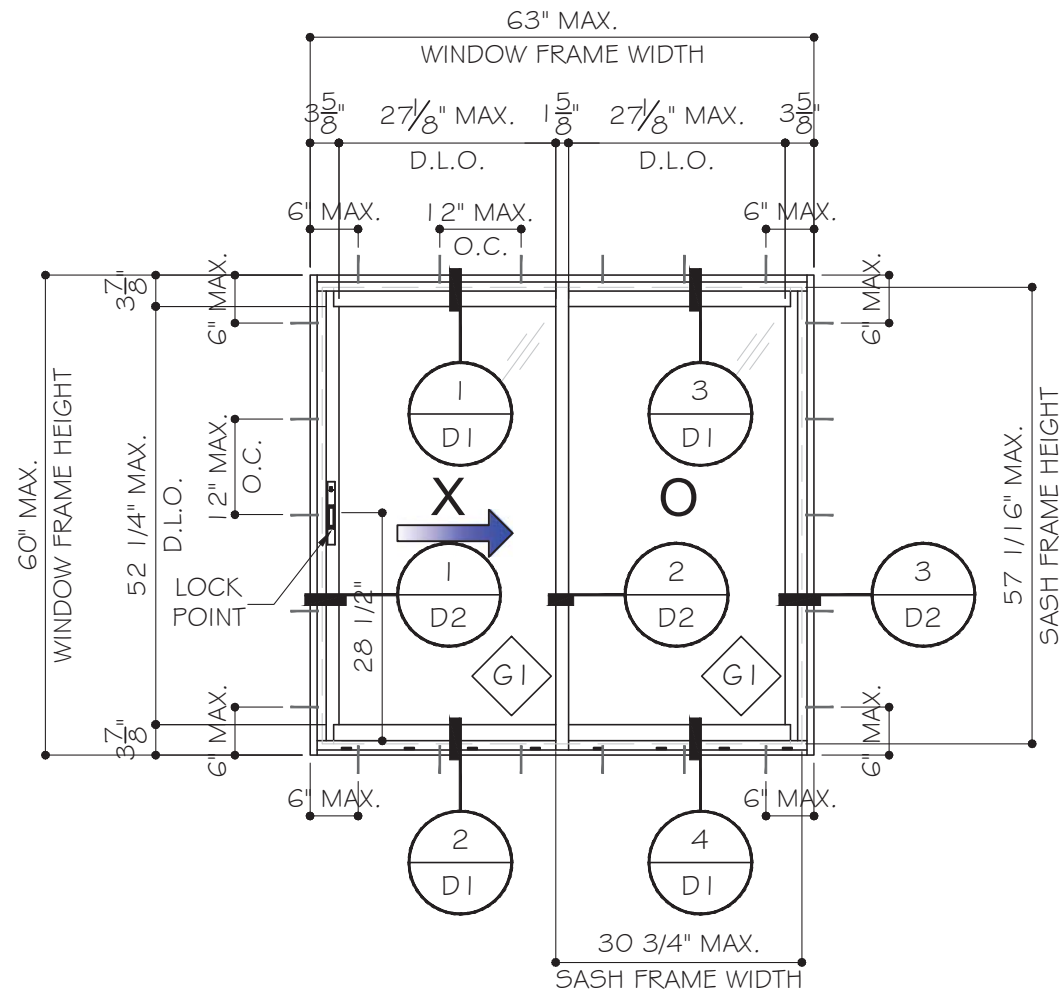


12781 MIRAMAR PARKWAY #301
MIRAMAR, FL 33027

27 P: 305.271.0117

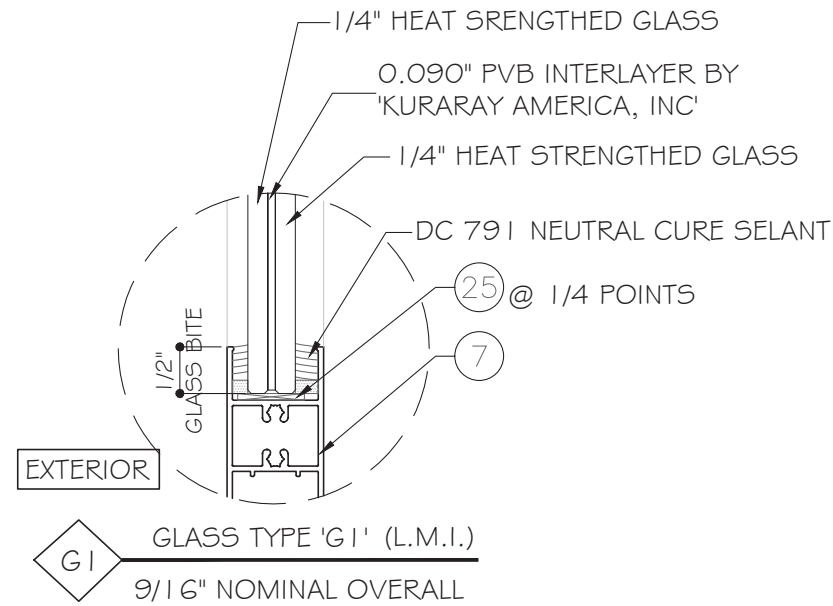
www.MCSEngineering.com

mcy@mcyengineering.com



TYPICAL EXTERIOR ELEVATIONS

DESIGN LOADS
(FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC)
+55 PSF -55 PSF



NOTE:
GLASS COMPLIES WITH ASTM E I 300-09
(3 SEC. GUSTS).

FLORIDA APPROVAL:
FL # 30923.1

YIPING WANG
FLORIDA REGISTRATION
No. 55888
August 18th, 2023

MCY

ENGINEERING, INC.

GLAZING CONSULTANTS

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

SPA100 Sliding Glass Window System - L.M.I.&S.M.I.

SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8686 HUNAN RD, PUDONG NEW AREA
SHANG HAI, CHINA
TEL.86 021-5822 0630 CELL.86 135-8572-3609

Rev. No.	Date	Drawn By	Description
3	08.16.2023	James	UPDATE TO 2023 FBC
2	04.03.2021	James	UPDATE TO 2020 FBC
1	12.04.2019	James	UPDATE TO 2017 FBC

Drawn Date
08.16.2023

Drawn By
MCY

DRAWING NO.
AD19-29

E1

Sheet No.
2 OF 8

TYPICAL ANCHOR TYPES:
SEE ELEVATIONS FOR SPACING

TYPE "A": 1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u=164\text{ KSI}$, $F_y=148\text{ KSI}$)
DIRECTLY INTO CONCRETE
WITH 1 3/4" MIN. EMBED INTO CONCRETE

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
WITH 1 1/2" MIN. EMBED
OR THRU WOOD BUCK INTO CONCRETE OR BLOCK
WITH 1 3/4" MIN. EMBED

INTO HOLLOW BLOCK(JAMB ONLY)
WITH 1 1/4" MIN. EMBED

INTO GROUT FILLED BLOCKS(JAMB ONLY)
WITH 1 3/4" MIN. EMBED

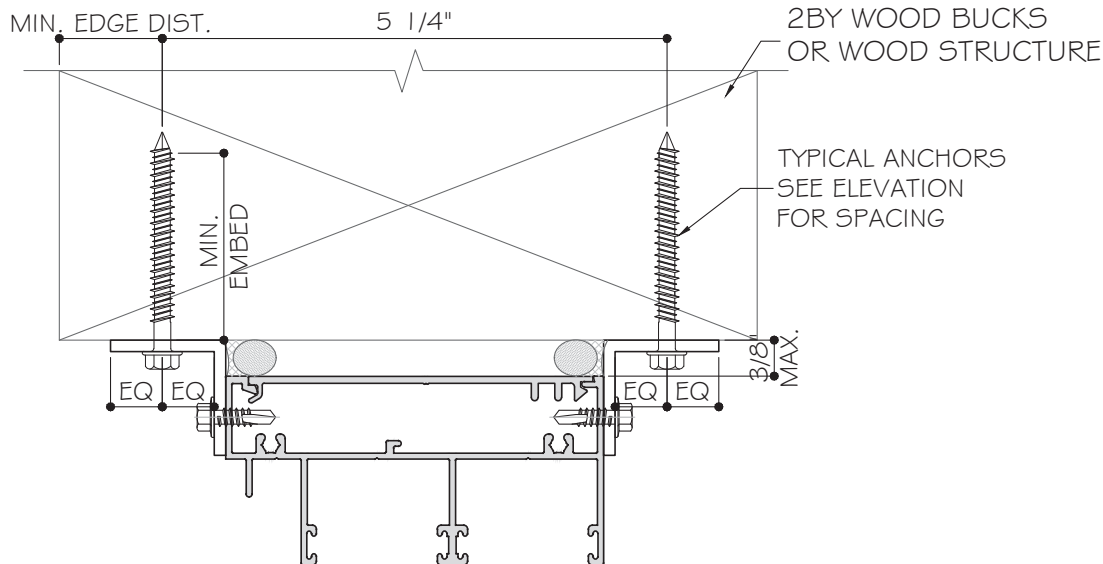
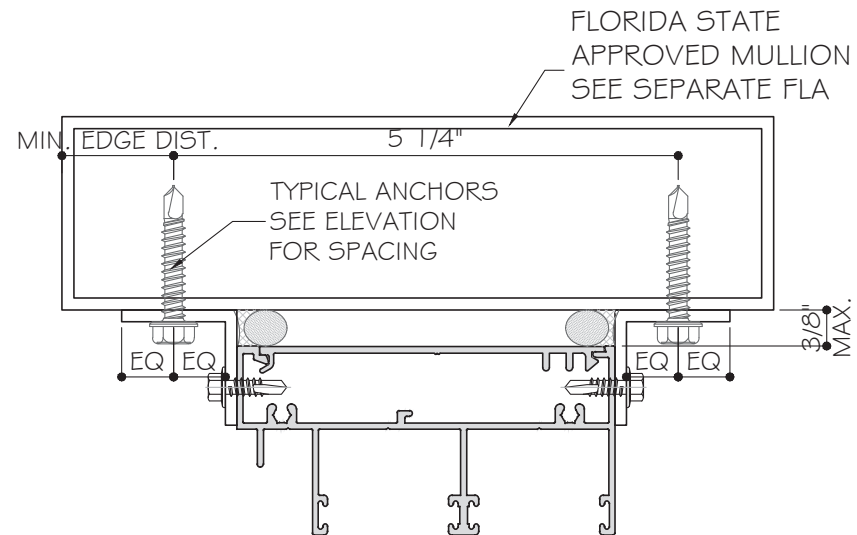
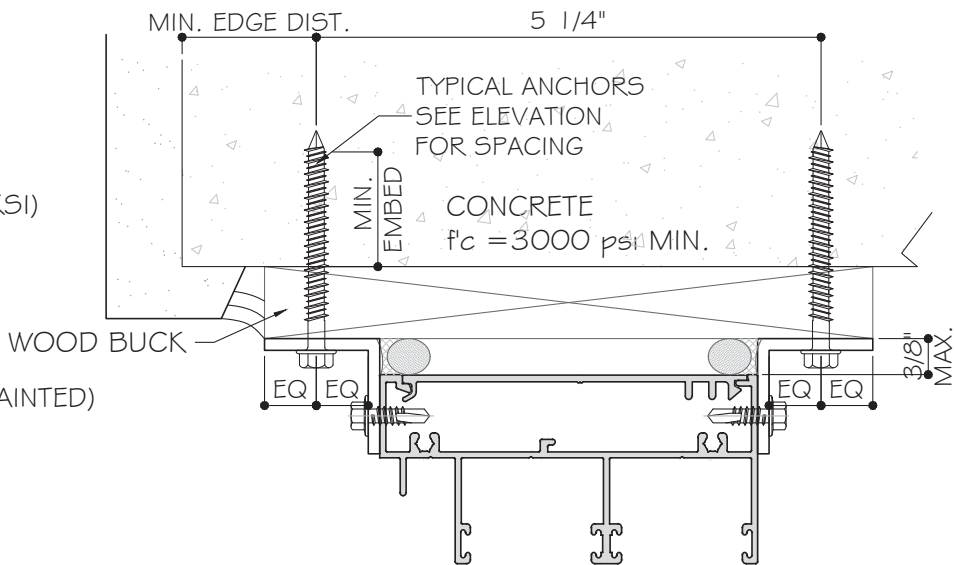
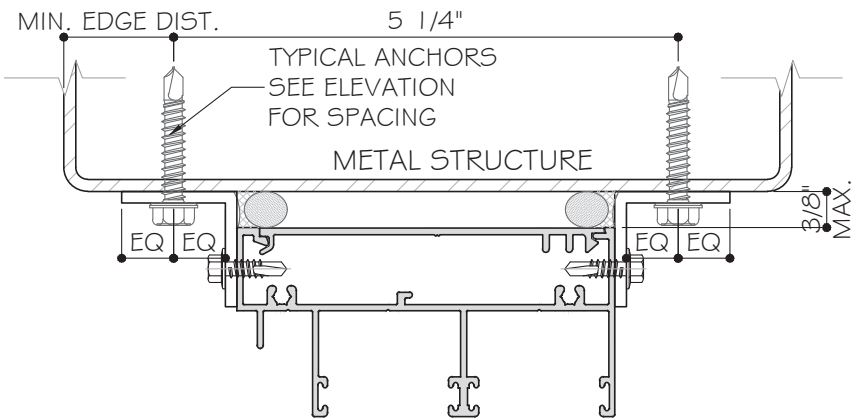
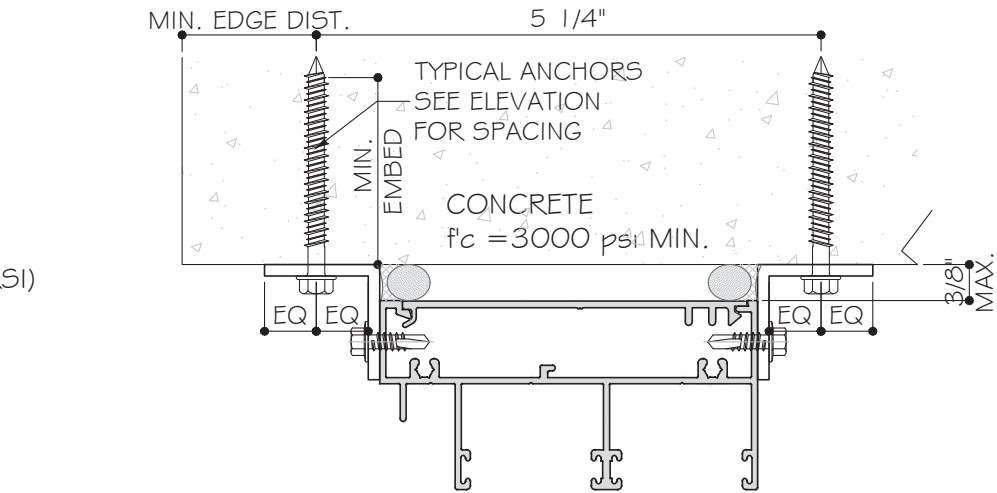
TYPE "B": 1/4" SMS ($F_u=74\text{ KSI}$, $F_y=57\text{ KSI}$)
OR SELF DRILLING SCREW(GRADE 5) ($F_u=120\text{ KSI}$, $F_y=90\text{ KSI}$)
INTO APPROVED MULLIONS
(1/8" THK. MIN.) INTO METAL STRUCTURE

STEEL: 1/8" MIN. ($F_y=36\text{ KSI MIN.}$)
ALUMINUM: 1/8" THK. MIN. (6063-T6 MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE ISOLATED OR PAINTED)

TYPICAL ANCHOR EDGE DISTANCE:
INTO CONCRETE AND MASONRY = 2 1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

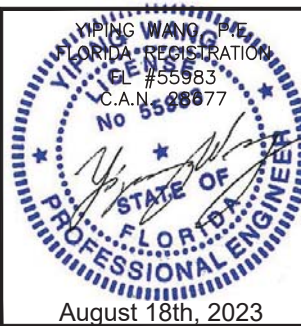
WOOD SG = 0.55 MIN.
CONCRETE $f'_c = 3000\text{ psi MIN.}$
C-90 HOLLOW/FILLED BLOCK $f'_m = 2000\text{ psi MIN.}$

GLAZING BEAD AT FRAME SILL SEALED TO GLASS WITH DOW CORNING 791.
FRAME CORNERS SEALED WITH DOW CORNING 791 OR EQUAL COMPATIBLE



1X OR 2X WOOD BUCKS AND METAL STRUCTURES NOT BY SHANGHAI
SUPERHOUSE BUILDING MATERIAL MUST SUPPORT LOADS IMPOSED
BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING
STRUCTURE.

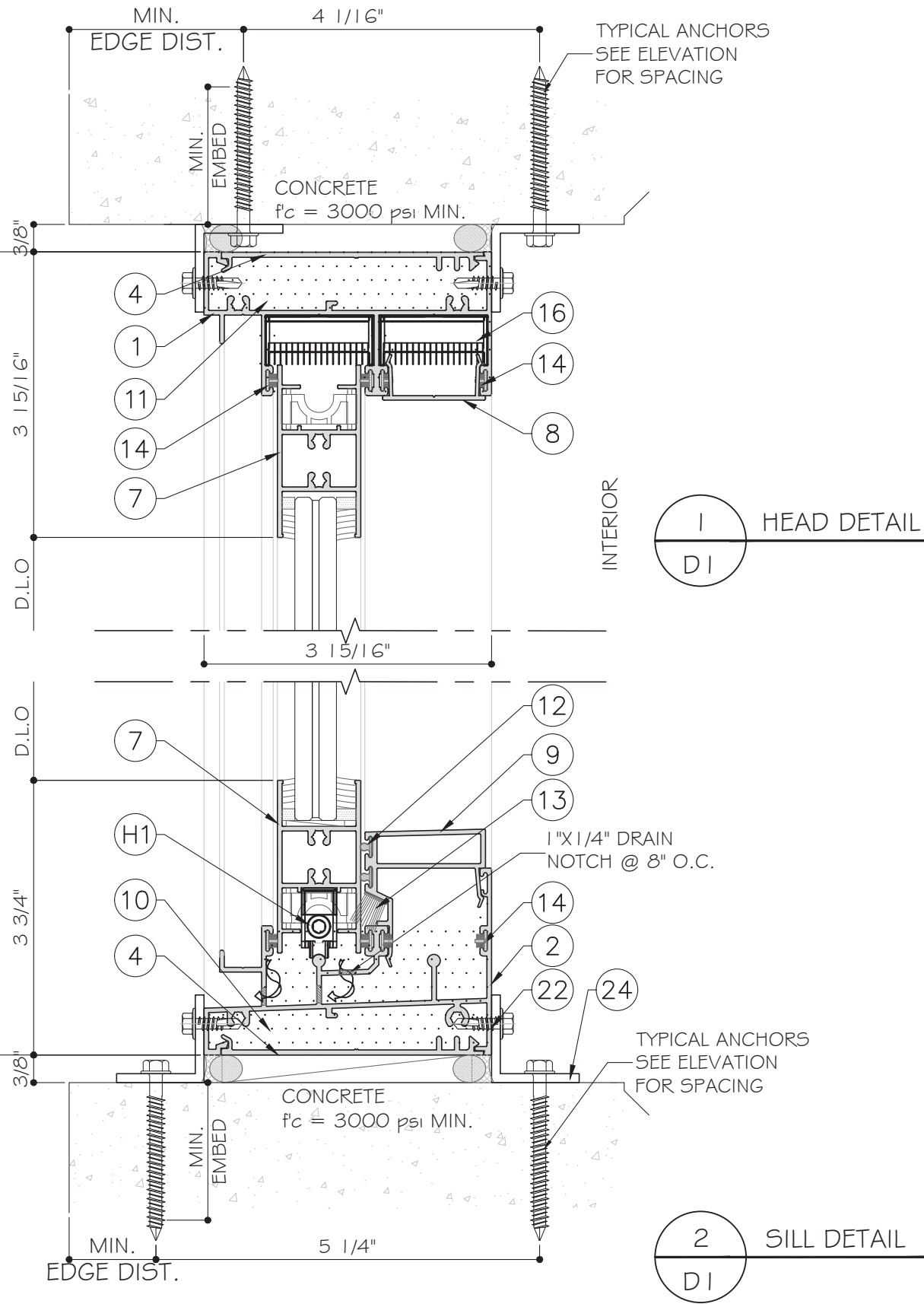
FLORIDA APPROVAL:
FL # 30923.1



</					

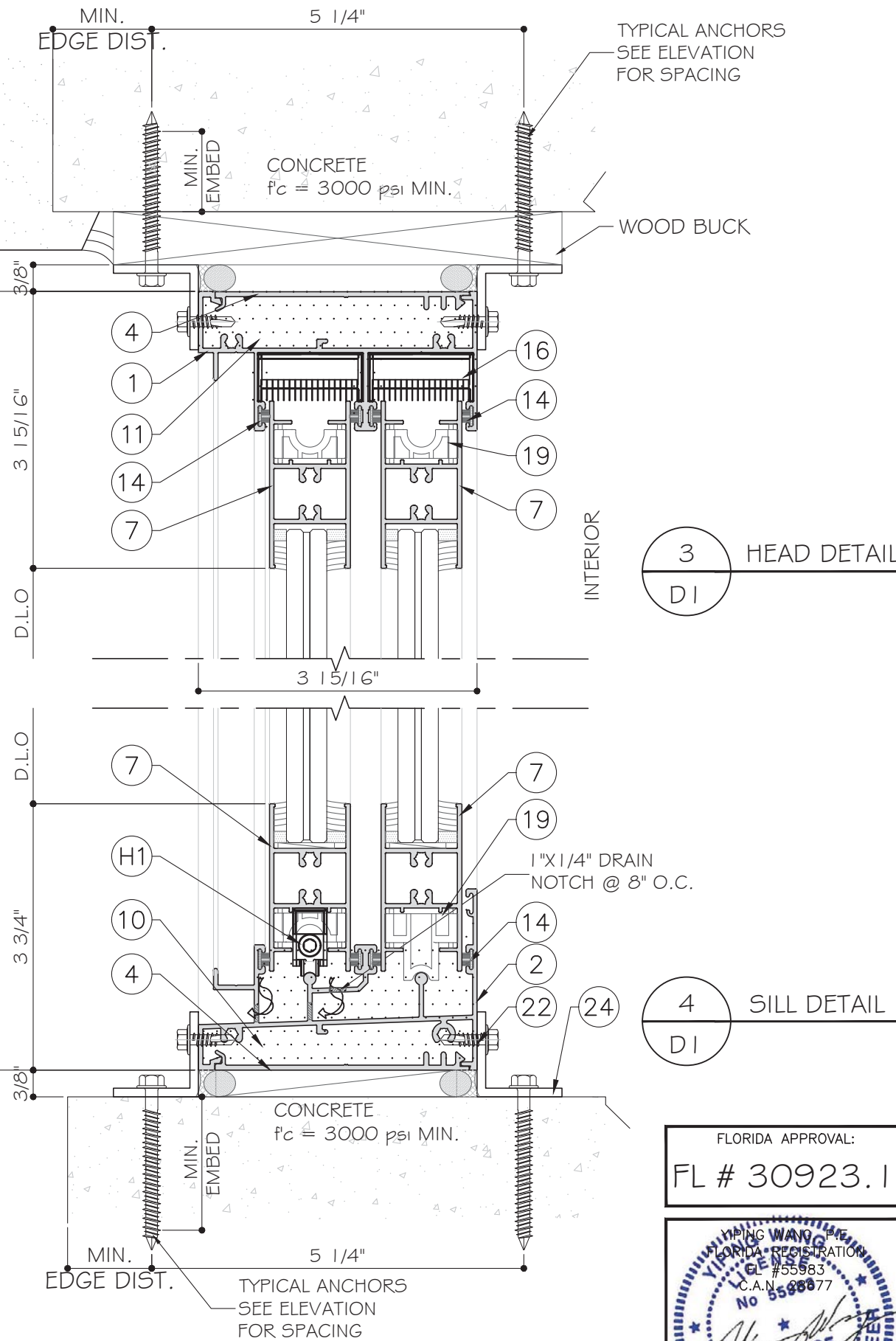
EXTERIOR

WINDOW FRAME HEIGHT

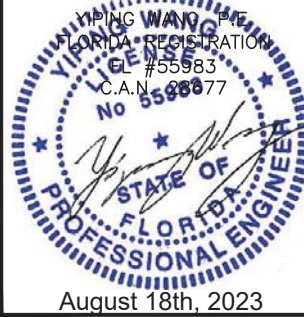


EXTERIOR

WINDOW FRAME HEIGHT



FLORIDA APPROVAL:
FL # 30923.1



MCY ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PARKWAY #301
MIRAMAR, FL 33027

P: 305.271.0117

www.MCYEngineering.com mcy@mcyengineering.com

SPA100 Sliding Glass Window System - L.M.I. & S.M.I.

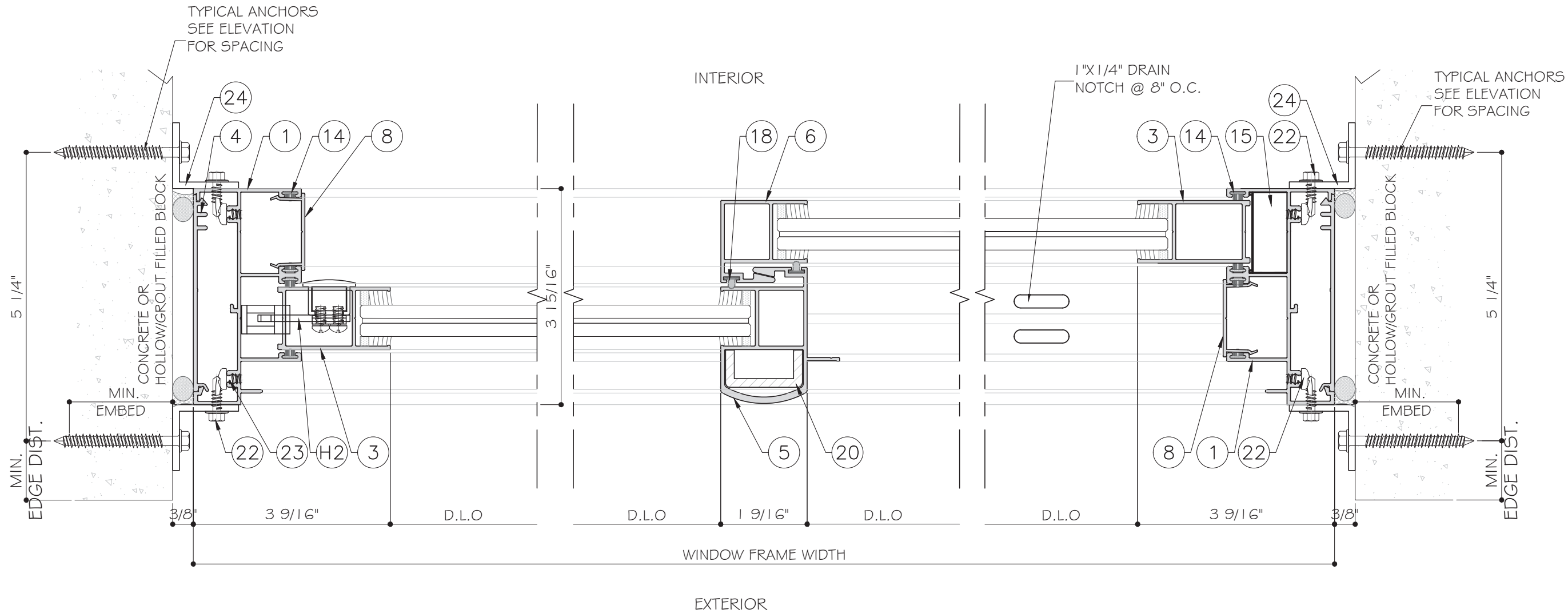
SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD

LEVEL 5, BUILDING 10, NO.8666 HUNAN RD, PUDONG NEW AREA

SHANG HAI, CHINA

TEL.86 021-5822 0630 CELL.86 135-8572-3609

Rev. No.	Date	Drawn By	Description
3	08.16.2023	James	UPDATE TO 2023 FBC
2	04.03.2021	James	UPDATE TO 2020 FBC
1	12.04.2019	James	UPDATE TO 2017 FBC
Drawn Date	08.16.2023	Drawn By	MCY
DRAWING NO.	AD19-29		
Sheet No.	4 OF 8		



1 JAMB DETAIL
D2

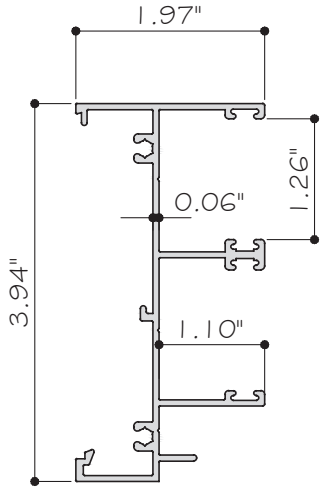
2 INTERLOCK DETAIL
D2

3 JAMB DETAIL
D2

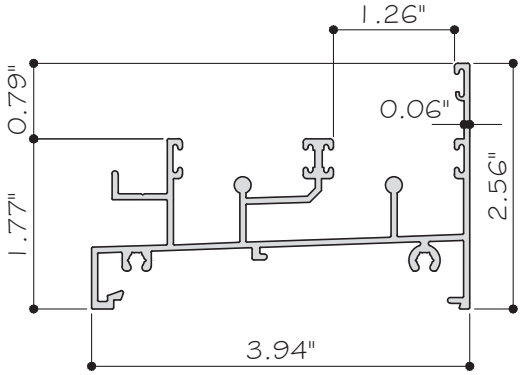
FLORIDA APPROVAL:
FL # 30923.1



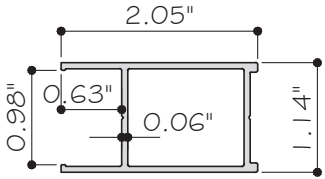
SPA100 Sliding Glass Window System - L.M.I.&S.M.I.
SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8686 HUNAN RD, PUDONG NEW AREA
SHANG HAI, CHINA
TEL.86 021-5822 0630 CELL.86 135-8572-3609



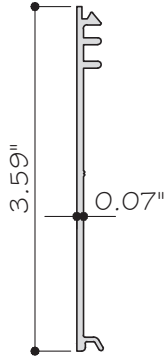
① WINDOW FRAME
SPA10061 6063-T5



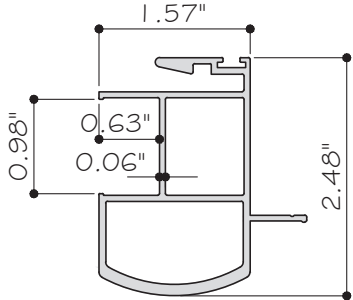
② WINDOW TRACK
SPA10062 6063-T5



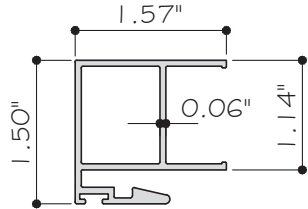
③ WINDOW STILE
SPA10076 6063-T5



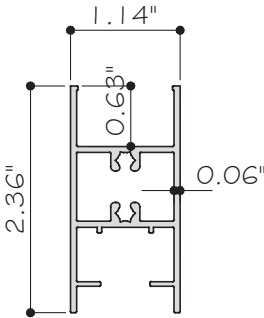
④ FLUSH ADAPTOR
SPA10007 6063-T5



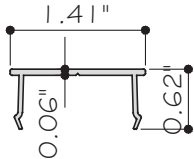
⑤ HEAVY DUTY INTERLOCK
SPA10095 6063-T5



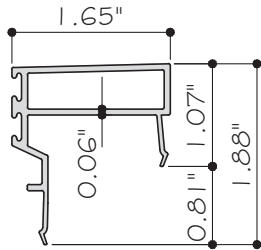
⑥ STANDARD INTERLOCK
SPA10064 6063-T5



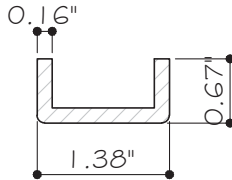
⑦ TOP & BOTTOM RAIL
SPA10065 6063-T5



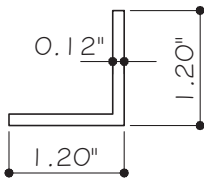
⑧ FRAME ADAPTOR
SPA10067 6063-T5



⑨ SILL ADAPTOR
SPA10170 6063-T5

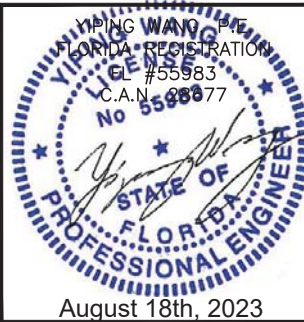


⑩ INTERLOCK REINFORCEMENT
REI-5W001 GALVANIZED STEEL



⑫ ALUM. ANGLE
0325 6063-T6

FLORIDA APPROVAL:
FL # 30923.1



MCY

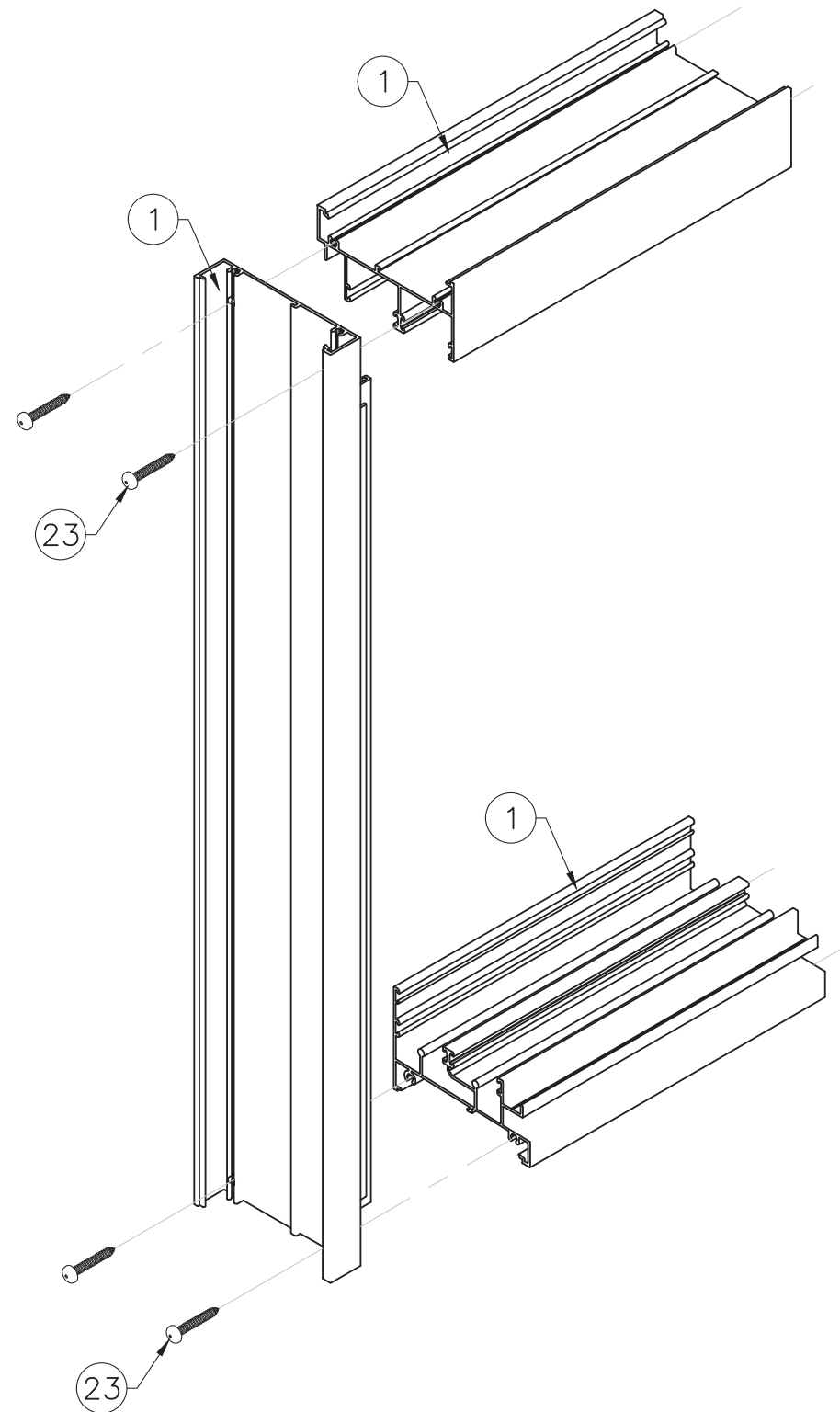
ENGINEERING

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PARKWAY #301
MIRAMAR, FL 33027
P: 305.271.0117
www.MCYEngineering.com mcy@mcyengineering.com

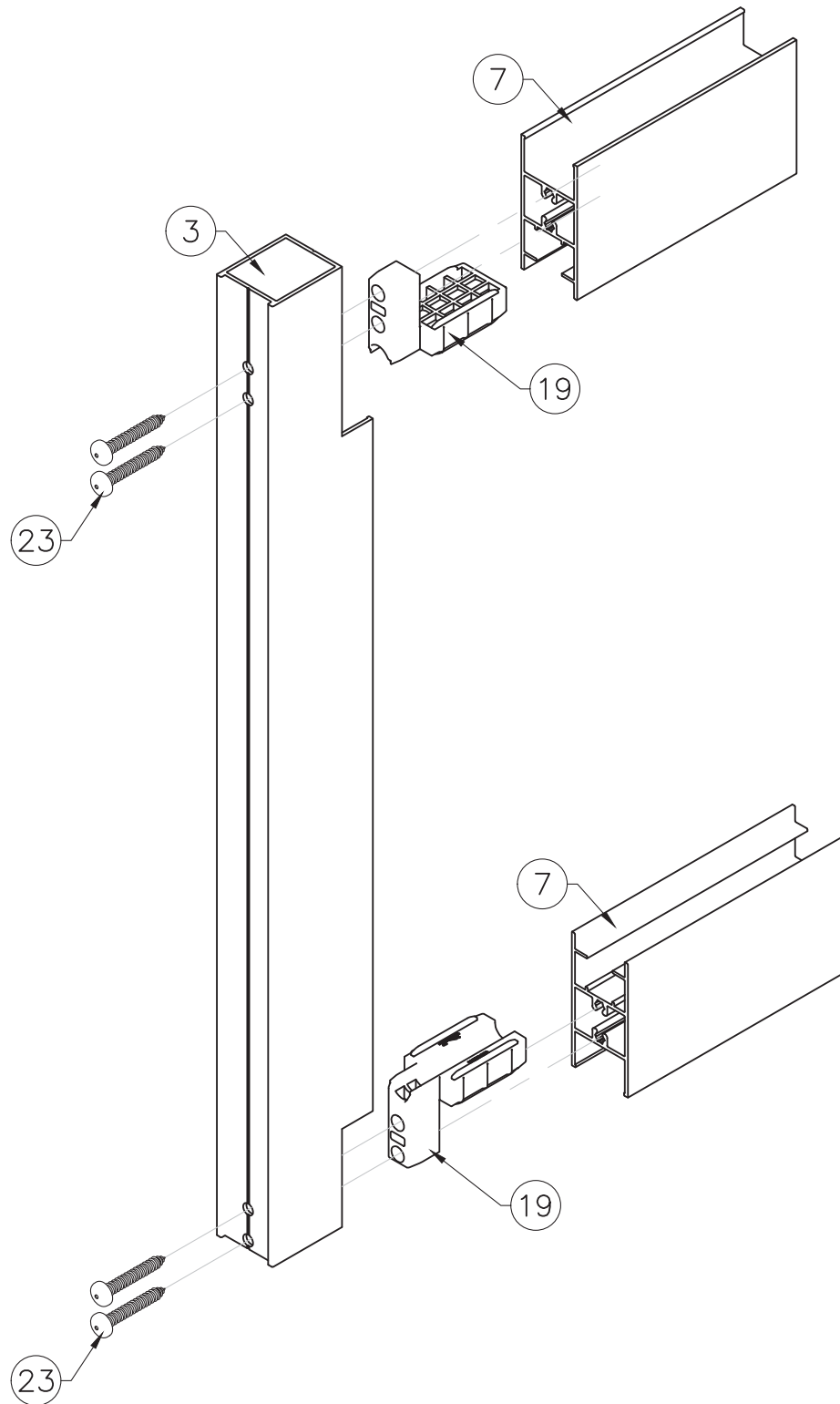
SPA100 Sliding Glass Window System - L.M.I.&S.M.I.
SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8686 HUNAN RD, PUDONG NEW AREA
SHANG HAI, CHINA
TEL:86 021-5822 0630 CELL:86 135-8572-3609

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

BILL OF MATERIALS									
ITEM	PART	DESCRIPTION	MATERIAL	MANUF. / REMARKS					
1	SPA10061	WINDOW FRAME	ALUM. 6063-T5	-					
2	SPA10062	WINDOW TRACK	ALUM. 6063-T5	-					
3	SPA10076	WINDOW STILE	ALUM. 6063-T5	-					
4	SPA10007	FLUSH ADAPTOR	ALUM. 6063-T5	-					
5	SPA10095	HEAVY DUTY INTERLOCK	ALUM. 6063-T5	-					
6	SPA10064	STANDARD INTERLOCK	ALUM. 6063-T5	-					
7	SPA10065	TOP & BOTTOM RAIL	ALUM. 6063-T5	-					
8	SPA10067	FRAME ADAPTOR	ALUM. 6063-T5	-					
9	SPA10170	SILL ADAPTOR	ALUM. 6063-T5	-					
10	SPA10062W	3M WATERPROOF SEAL	-	-					
11	SPA10061W	3M WATERPROOF SEAL	-	-					
12	KS211	FOAMING GASKET(HARDNESS:9±2A)	-	-					
13	8-11	PILE WEATHER STRIPPING WITH FIN(0.335"X0.445")	-	-					
14	7-3.5-4	PILE WEATHER STRIPPING WITH FIN(0.268"X0.161")	-	-					
15	ACSPA010	FIX PANEL STOPPER	-	-					
16	ACSPA009	TOP SEALING BLOCK AND STOPPER	-	-					
17	-	TYPICAL ANCHOR	-	-					
18	KS201	FOAMING GASKET(HARDNESS:9±2A)	-	-					
19	ACSPA027	CONNECTING AND STRUT MEMBER	-	-					
20	REI-SW001	INTERLOCK REINFORCEMENT	GALVANIZED STEEL	-					
22		3/16" x 5/8" TEKS SCREW, 12" O.C.							
23		3/16"(#10) TEKS ASSEMBLY SCREW	-	-					
24	0325	1 3/16"X1 3/16"X1/8" THK. ALUMINUM ANGLE	6063-T6	-					
25		1/16" X 3/4" SETTING BLOCK, 70-90 SHORE A DUROMETER	NEOPRENE	-					
H1	-	WINDOW ROLLER	-	HOPO					
H2	ALU CS NHM0030	HOOK LOCK	-	SIEGENIA					
FLORIDA APPROVAL: FL # 30923.1 YIPING WANG, P.E. FLORIDA REGISTRATION #55583 C.A.N. 00077 08.16.2023 04.03.2021 12.04.2019 3 2 1 James James James 08.16.2023 04.03.2021 12.04.2019 UPDATE TO 2023 FBC UPDATE TO 2020 FBC UPDATE TO 2017 FBC Rev. No. Drawn By Date Drawn Date 08.16.2023 Drawn By MCY DRAWING NO. AD19-29 BOM Sheet No. 7 OF 8									
					SPA100 Sliding Glass Window System - L.M.I.&S.M.I.				
					SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD LEVEL 5, BUILDING 10, NO.8686 HUNAN RD, PUDONG NEW AREA				
					SHANG HAI, CHINA				
					TEL.86 021-5822 0630 CELL.86 135-8572-3609				
MCY ENGINEERING, INC. GLAZING CONSULTANTS 12781 MIRAMAR PARKWAY #301 MIRAMAR, FL 33027 P: 305.271.0117 www.MCYEngineering.com mcy@mcyengineering.com M C Y									



FRAME CORNER ASSEMBLY



SASH CORNER ASSEMBLY

FLORIDA APPROVAL:
FL # 30923.1



SPA100 Sliding Glass Window System - L.M.I.&S.M.I.
SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8666 HUNAN RD, PUDONG NEW AREA
SHANG HAI, CHINA
TEL.86 021-5822 0630 CELL.86 135-8572-3609

Rev. No.	Date	Drawn By	Description
3	08.16.2023	James	UPDATE TO 2023 FBC
2	04.03.2021	James	UPDATE TO 2020 FBC
1	12.04.2019	James	UPDATE TO 2017 FBC

Drawn Date 08.16.2023	Drawn By MCY
DRAWING NO. AD19-29	
ISO	
Sheet No. 8 OF 8	

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PARKWAY #301
MIRAMAR, FL 33027 P: 305.271.0117
www.MCYEngineering.com mcy@mcyengineering.com