

FOSHAN XIAOLUBAN DOORS & WINDOWS CO., LTD
 XLB-80 THERMAL BREAK AWNING WINDOW - L.M.I.

GENERAL NOTES:

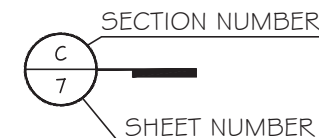
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION OF FLORIDA BUILDING CODE 2023 INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. IMPACT SHUTTERS ARE NOT REQUIRED.
- THESE WINDOWS COMPLY WITH TAS 201 & TAS 202 & TAS 203. WINDOWS MEET WATER PENETRATION RESISTANCE. WINDOWS MEET AIR INFILTRATION RESISTANCE AND EXFILTRATION RESISTANCE (1.57 PSF).
- 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 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.
- SEALANT:
ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICONE SEALANT.
- 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.

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 O2 FOR APPROVED TYPICAL ELEVATION SIZE AND DESIGN LOAD.
- STEP 3: ANCHOR TYPE SEE SHEET O3. ANCHOR SPACING SEE SHEET O2.
- STEP 4: THE LOWEST VALUE RESULTING FROM STEPS 2 & 3 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THRU STEP 1 SHALL APPLY TO ENTIRE SYSTEM.

ABBREVIATIONS AND SYMBOLS

G.B. - GLASS BITE
D.L.O. - DAYLITE OPENING
F.H. - FRAME HEIGHT
F.W. - FRAME WIDTH
W/ - WITH
W/O - WITHOUT
O.C. - ON CENTER

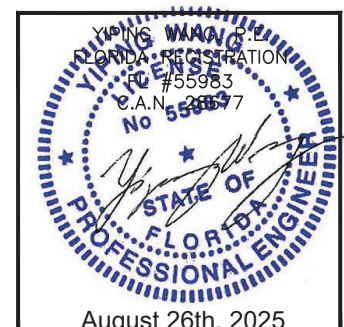


LIMITATIONS OF USE

- 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 THIS 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:

FL47759.1

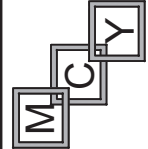


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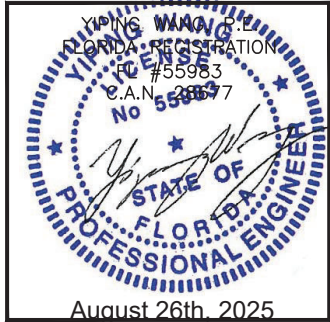
FOSHAN XIAOLUBAN DOOR & WINDOW CO., LTD
NANHAI LUOCUN RONG 1 ROAD

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cherry.wen@csagroup.org

MCY ENGINEERING, INC.
GLAZING CONSULTANTS



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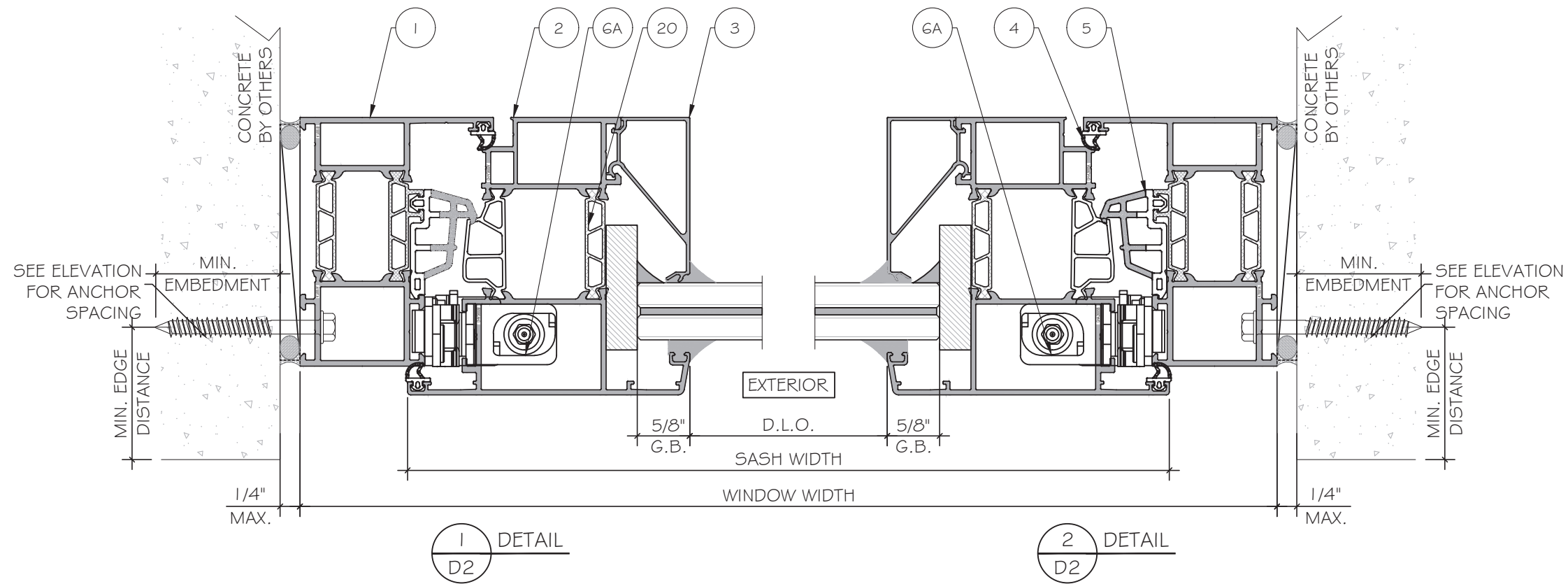


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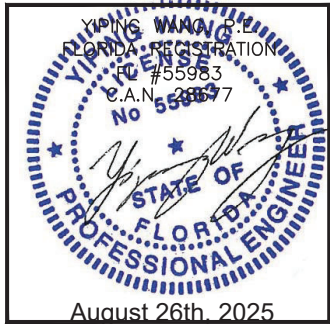
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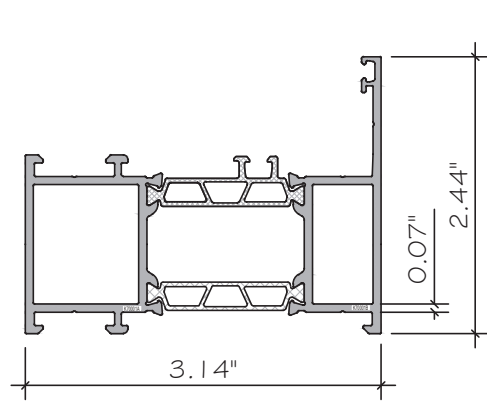
www.MCYEngineering.com mcy@mcyengineering.com



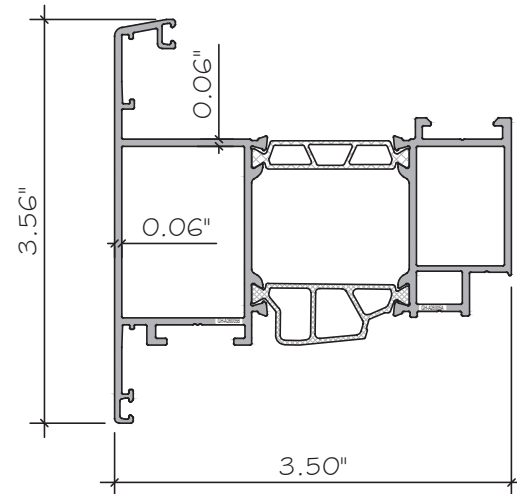
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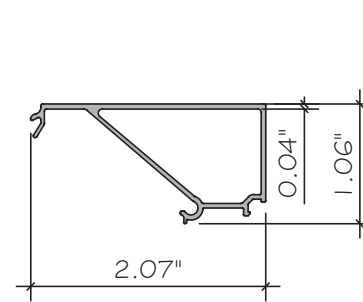
Rev. No.	Date	Drawn By	Description
R1	08.01.2025	JAMES	NEW APPLICATION
Drawn Date: 08.01.2025 Scale: AS SHOWN			
DRAWING NO. AD25-36			
D2			
Sheet No. 5 OF 8			



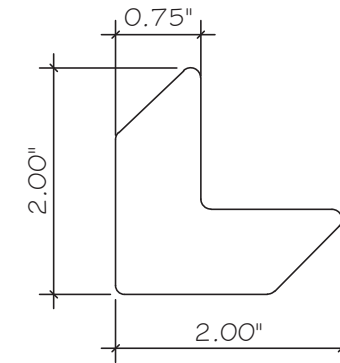
1 FRAME
ALUM. 6063-T6



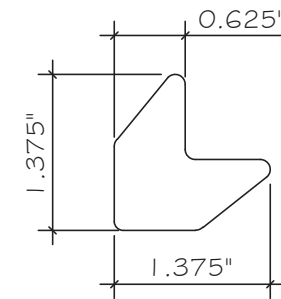
2 SASH
ALUM. 6063-T6



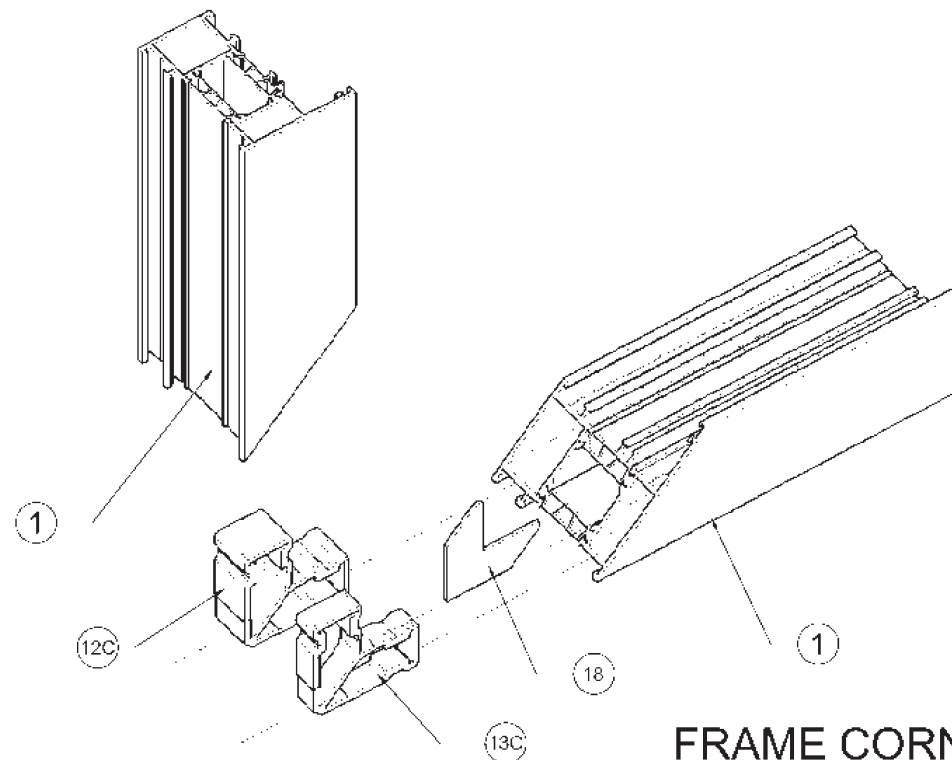
3 GLAZING BEAD
ALUM. 6063-T6



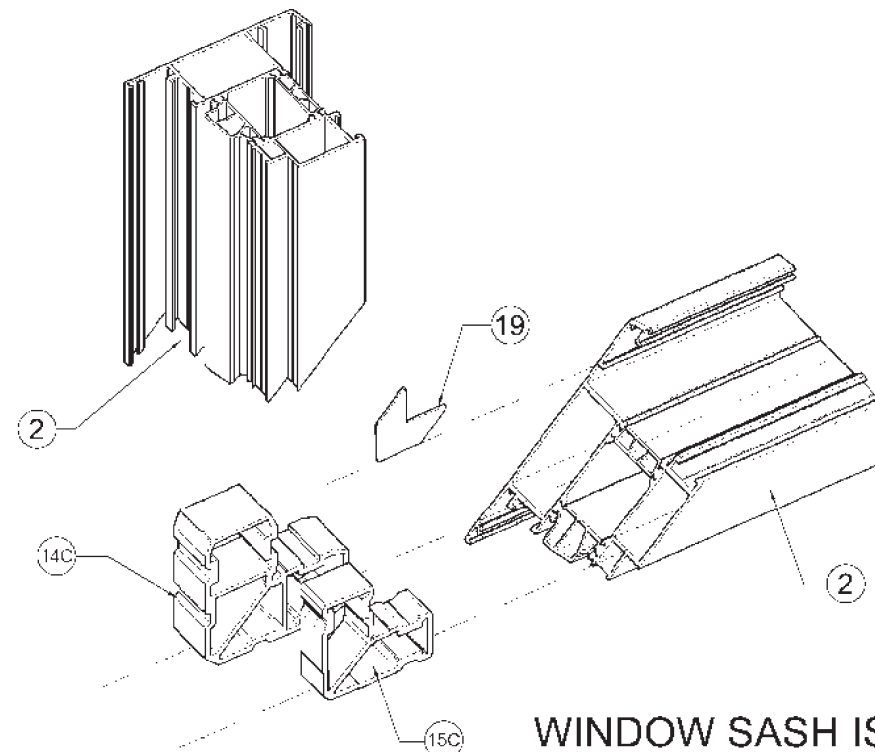
18 CORNER KEY
STAINLESS STEEL



19 CORNER KEY
STAINLESS STEEL

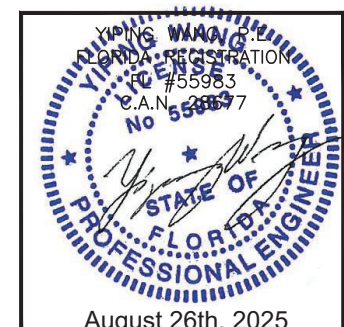


FRAME CORNER ISOMETRIC DETAIL



WINDOW SASH ISOMETRIC DETAIL

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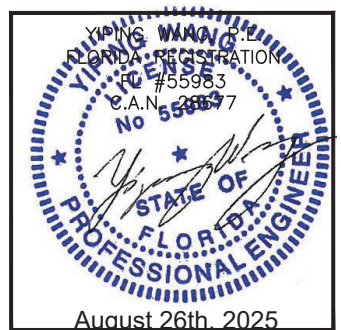
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Drawn Date: 08.01.2025 Scale: AS SHOWN			
DRAWING NO. AD25-36			
PART			
Sheet No. 6 OF 8			

BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL	REMARKS
1	FRAME	ALUM. 6063-T6	XINHE
2	SASH	ALUM. 6063-T6	XINHE
3	GLAZING BEAD	ALUM. 6063-T6	XINHE
4	SASH GASKET	EPDM	HAIDA
5	FRAME GASKET	EPDM	HAIDA
6a	HINGE	STAINLESS STEEL	ROTO
7a	HANDLE	ALUMINUM ALLOY	ROTO
8a	LOCK	KIRSITE	ROTO
9a	LOCKHOLDER	KIRSITE	ROTO
10a	LOCKPOINT	KIRSITE	ROTO
11a	SAFETY ROPE	ALUMINUM ALLOY+STEEL WIRE	-
12c	FRAME ANGLE BRACKET	ALUMINUM ALLOY	GENHO
13c	FRAME ANGLE BRACKET	ALUMINUM ALLOY	GENHO
14c	SASH ANGLE BRACKET	ALUMINUM ALLOY	GENHO
15c	SASH ANGLE BRACKET	ALUMINUM ALLOY	GENHO
16a	HINGE	KIRSITE	KNG
17a	LOCKPOINT#HOLDER	KIRSITE	ROTO
18	CORNER KEY	STAINLESS STEEL	GENHO
19	CORNER KEY	STAINLESS STEEL	GENHO
20	THERMAL BREAK	PAG6GF25 NYLON INSULATION STRIP	RONGKEXING
21	FIN	ALUM. 6063-T6	XINHE
22a	LOCK	KIRSITE	ROTO
23	1.6" X 0.4" X 4" SETTING BLOCK, 80-90 SHORE HARDNESS	POLYVINYL CHLORIDE	-

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[illegible]