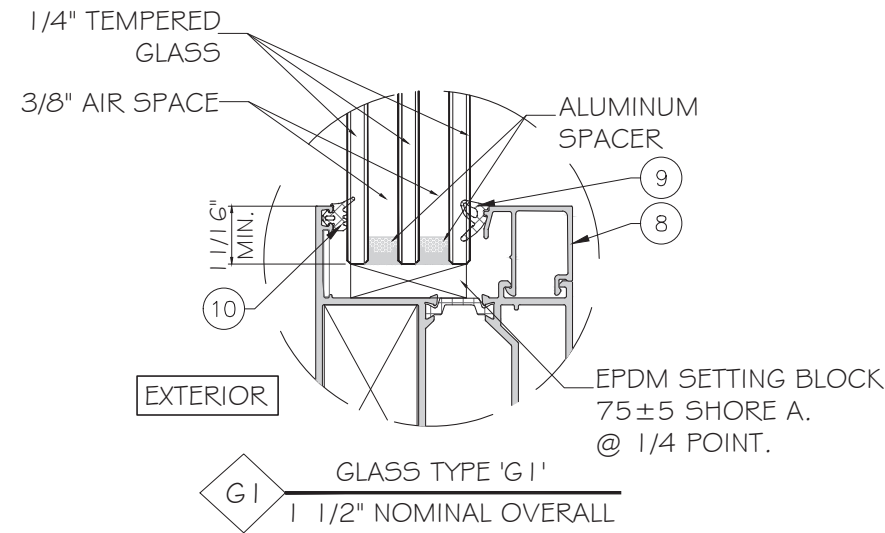


SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD.
SPG5T FRENCH DOOR SYSTEM - NON IMPACT



NOTE:
GLASS COMPLIES WITH ASTM E 1300-16
OR 24 (3 SEC. GUSTS).

GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION FLORIDA BUILDING CODE (2023)/ 9TH EDITION FLORIDA BUILDING CODE (2026), EXCLUDING HIGH VELOCITY HURRICANE ZONE (NON-HVHZ).
- DOORS ARE RATED FOR NON-IMPACT. IMPACT SHUTTERS ARE REQUIRED WHEN USED IN HVHZ.
- THESE DOORS 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 8TH EDITION FLORIDA BUILDING CODE (2023)/ 9TH EDITION FLORIDA BUILDING CODE (2026) 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.
- 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.
- ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICON SEALANT.
- HARDWARE CHECKED FOR WIND LOAD IN CLOSED POSITION ONLY; OPERATION PER MANUFACTURER'S INSTRUCTIONS. WINDOWS MUST BE CLOSED AND SECURED WHEN A HURRICANE WARNING IS ISSUED.

- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING. COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.
- FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
- CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).

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 FRENCH DOOR ELEVATION AND CAPACITY.

STEP 3: SEE SHEET A1 FOR ANCHOR OPTIONS.

STEP4: THE LOWEST VALUE RESULTING FROM STEPS 2 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THOUGH STEP 1 SHALL APPLY TO ENTIRE SYSTEM .

ABBREVIATIONS AND SYMBOLS

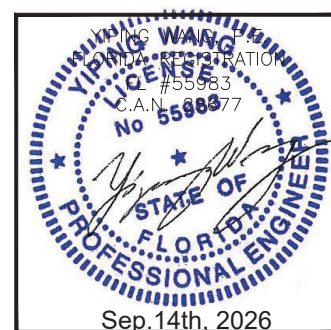
D.L.O. - DAYLITE OPENING
F.H. - FRAME HEIGHT
F.W. - FRAME WIDTH
W/ - WITH
W/O - WITHOUT
O.C. - ON CENTER

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 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.

FLORIDA APPROVAL:

FL47917.1

[illegible]

SP65T FRENCH DOOR SYSTEM - NON-IMPACT

SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8666 HUNAN RD, PUDONG NEW AREA
Shanghai, China

Shanghai, China

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

MCY ENGINEERING, INC.

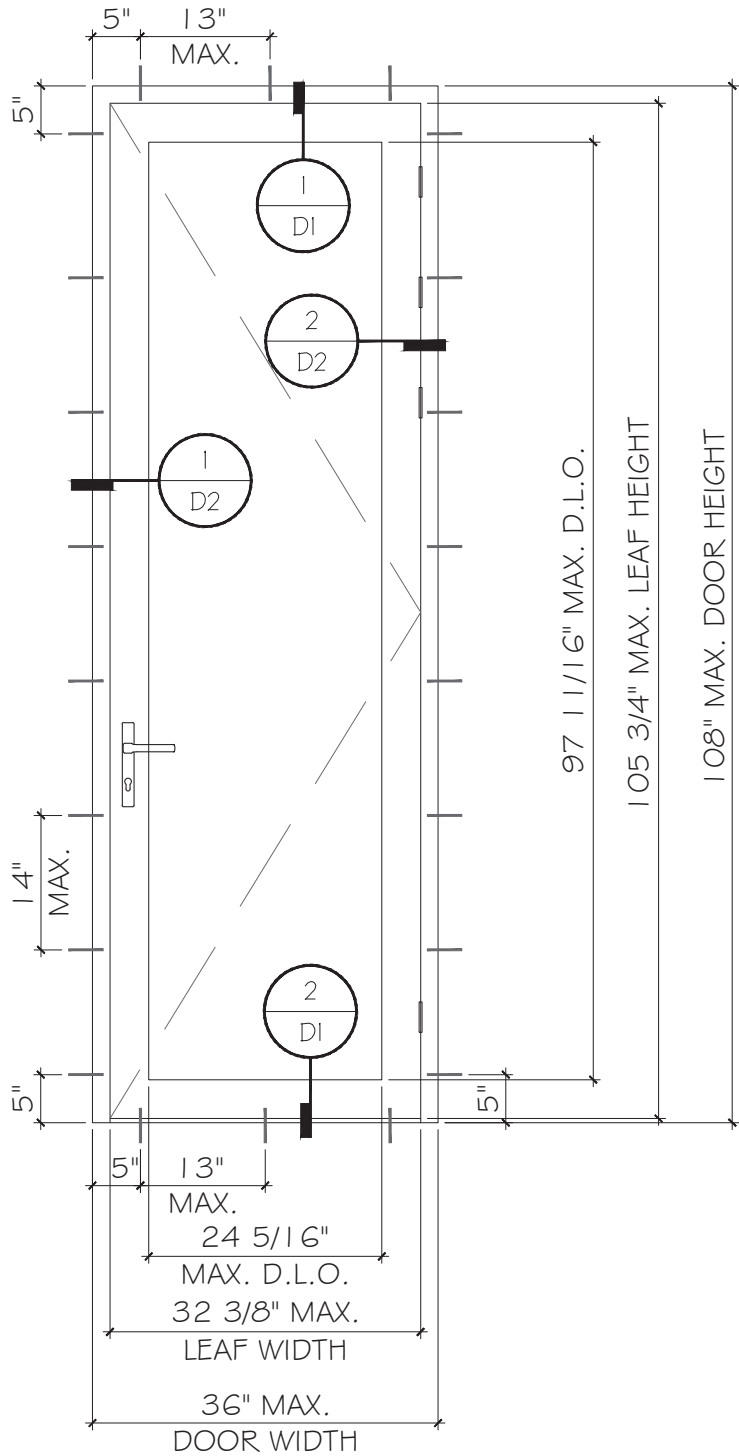
**ENGINEERING,
GLAZING CONSULTANTS**

12781 MIRAMAR PKWY. STE. 301

MIRAMAR, FL 33027 P: 305 588 5224

www.MCYEngineering.com

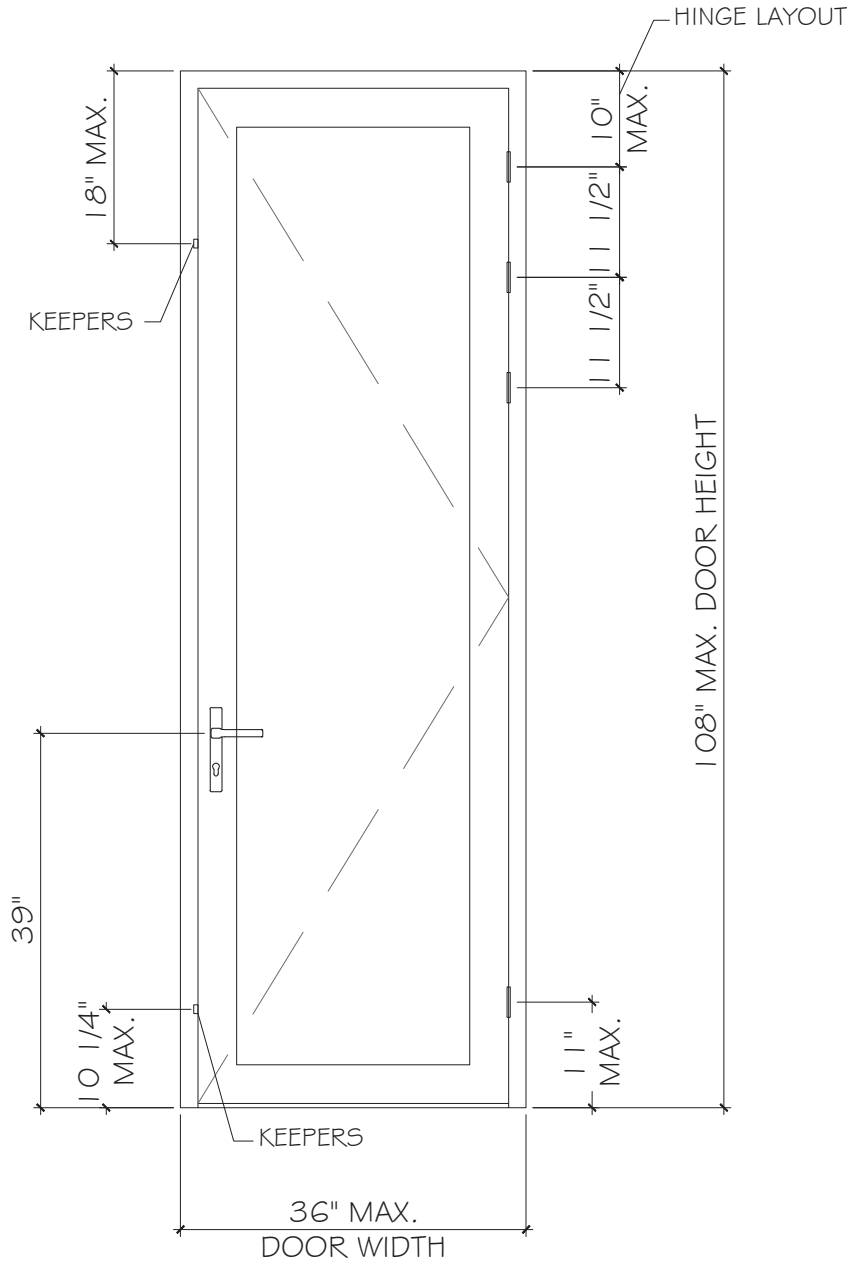
mcy@mcyengineering.com



TYPICAL EXTERIOR ELEVATIONS
SEE SHEET A1 FOR ANCHOR TYPE

MAX. DESIGN LOAD - PSF.
+65/-65

NOTE: FOR SIZE AS SHOWN OR
SMALLER AS PERMITTED BY FBC.



HARDWARE LAYOUT

FLORIDA APPROVAL:
FL47917.1

YIPANG WANG
REGISTERED PROFESSIONAL ENGINEER
No. 55983
C.A.N. 88377

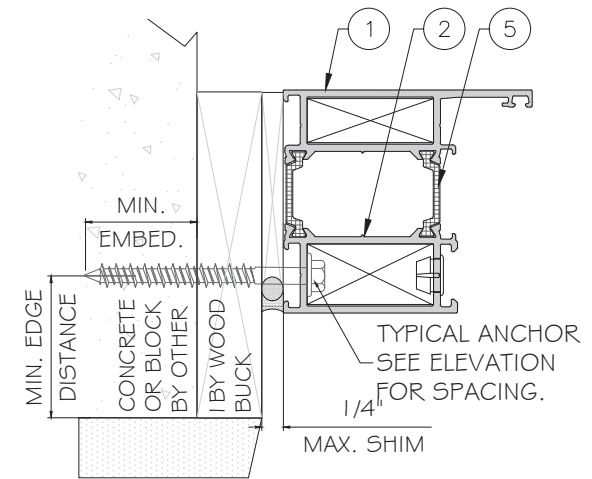
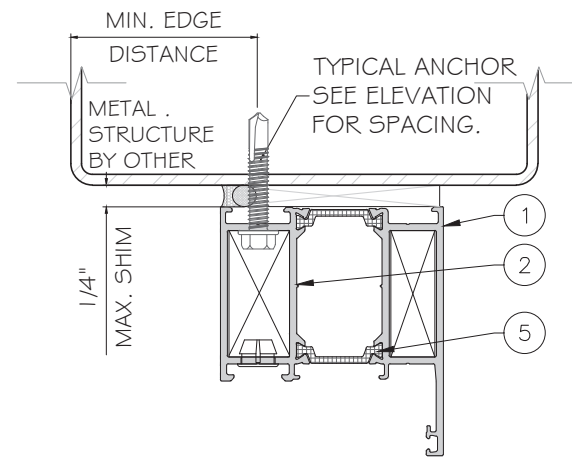
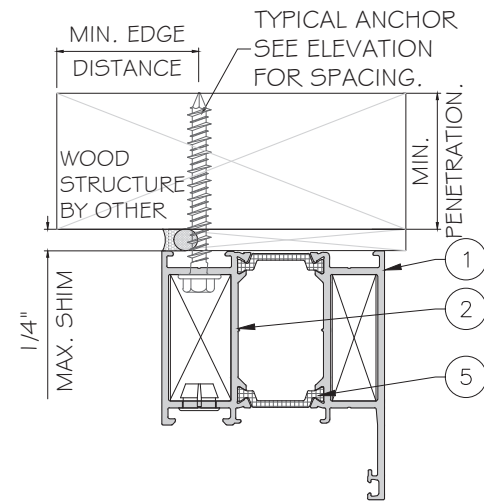
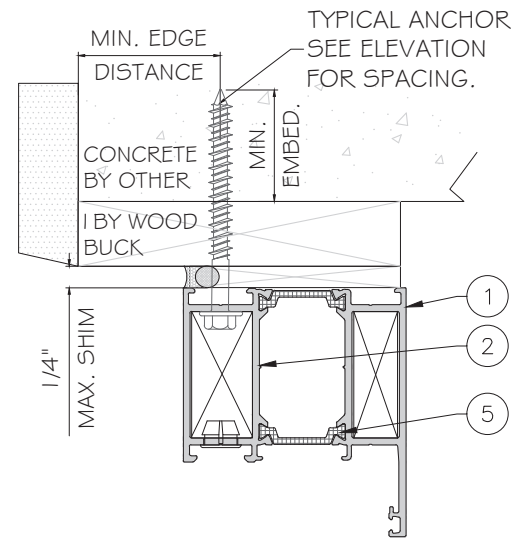
Sep.14th. 2026

Drawn Date
09.14.2026

SCALE
AS SHOWN

Drawn Date 09.14.2026	SCALE AS SHOWN
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Sheet No. 2 OF 8	

SP65T FRENCH DOOR SYSTEM - NON-IMPACT
SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8666 HUNAN RD, PUDONG NEW AREA
Shanghai, China
TEL.86 021-5822 0630 CELL.86 135-8572-3609



TYPICAL ANCHOR TYPES: SEE ELEVATIONS FOR SPACING

TYPE "A": 1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u=164$ KSI, $F_y=148$ KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE (HEAD/JAMB)
 WITH 1 1/2" MIN. PENETRATION INTO WOOD
 OR THRU 1BY WOOD BUCK INTO CONCRETE OR BLOCKS
 WITH 1 3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMB)
 WITH 1 3/4" MIN. EMBED INTO HOLLOW OR GROUT FILLED BLOCKS. (JAMB ONLY)

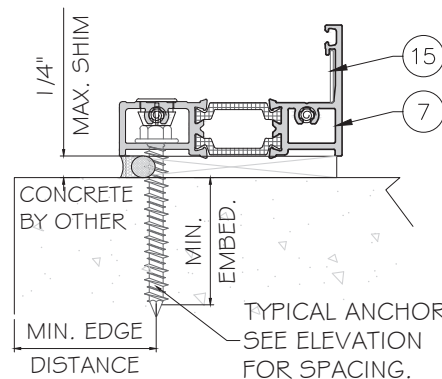
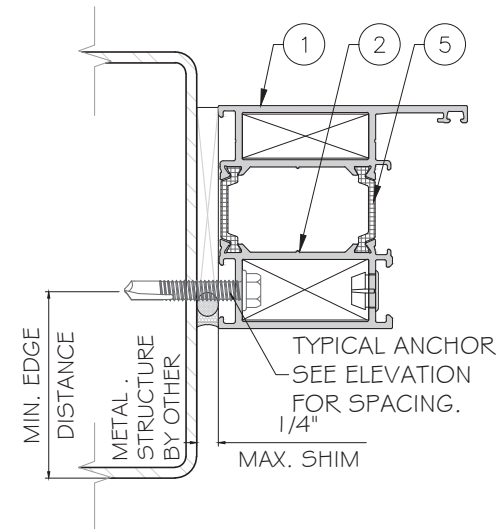
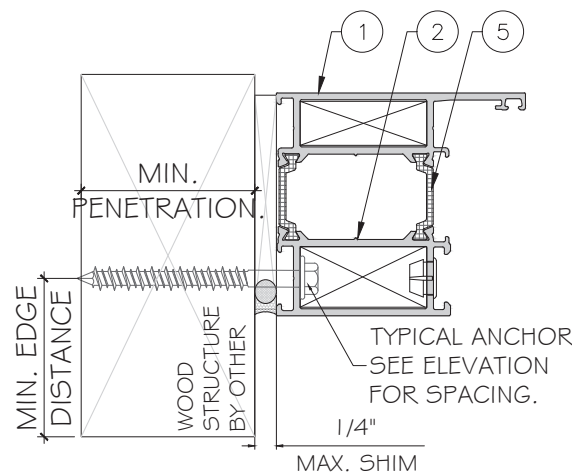
TYPE "B": 1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u=164$ KSI, $F_y=148$ KSI)
 DIRECTLY INTO CONCRETE OR BLOCKS (HEAD/ SILL/ JAMB)
 WITH 1 3/4" MIN. EMBED INTO CONCRETE.
 WITH 1 3/4" MIN. EMBED INTO HOLLOW OR GROUT FILLED BLOCKS (JAMB ONLY)

TYPE "C": 1/4" DIA. TEKS SELF-DRILLING SCREW ($F_u=120$ KSI, $F_y=92$ KSI)
 INTO FLORIDA APPROVED MULLIONS OR METAL STRUCTURES. (HEAD/JAMB/)
 (3) THREAD MIN. PENETRATION BEYOND METAL STRUCTURE.
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PANTED).

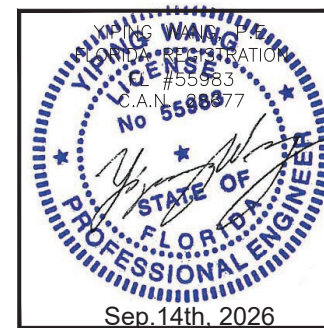
TYPICAL ANCHOR EDGE DISTANCE:
 INTO CONCRETE OR BLOCKS = 2 1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

WOOD SG = 0.55 MIN.
 CONCRETE f'_c = 3000 PSI MIN.
 C-90 GROUT FILLED BLOCK AT JAMBS, $f'_m=2$ KSI MIN.
 STEEL: 12 GA. MIN. ($F_y=36$ KSI MIN.)
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)

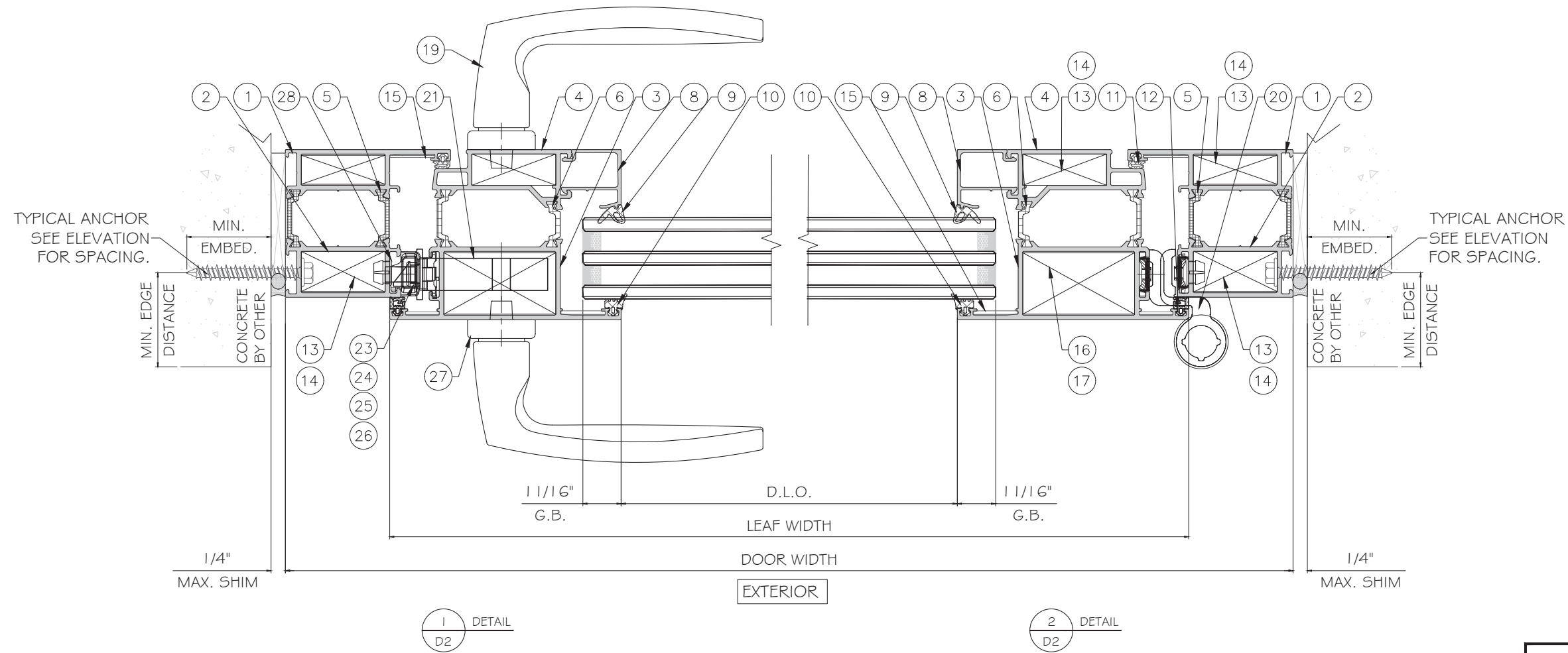
NOTE: WOOD BUCKS/METAL STRUCTURES BY OTHERS TO BE
 DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS SYSTEM AND
 TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.



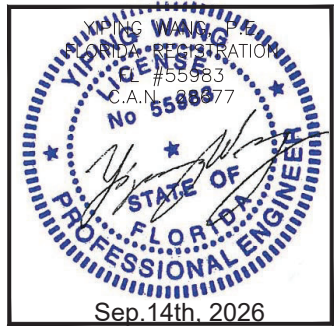
FLORIDA APPROVAL:
 FL47917.1



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FLORIDA APPROVAL:
FL47917.1



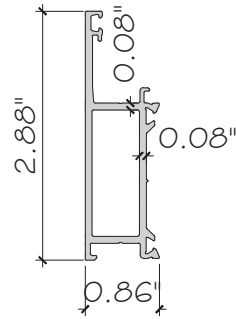
SP65T FRENCH DOOR SYSTEM - NON-IMPACT
SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8666 HUNAN RD, PUDONG NEW AREA
Shanghai, China
TEL.86 021-5822 0630 CELL.86 135-8572-3609

Rev. No.	Date	Drawn By	Description
02	09.14.2026	James	UPDATE FBC 2026
01	11.24.2025	James	NEW PRODUCT APPLICATION

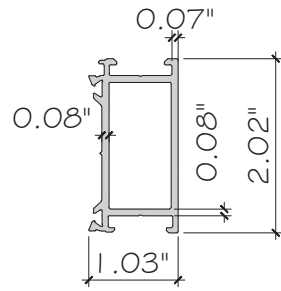
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09.14.2026	AS SHOWN

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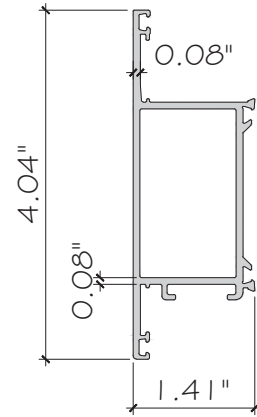
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Sheet No.
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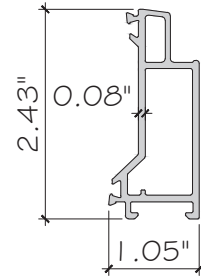
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ALUM.6063-T5



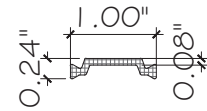
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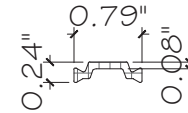
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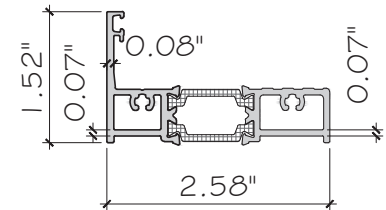
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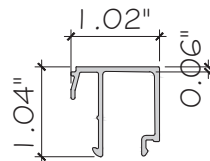
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TECHNOFORM
BAUTEC C-25.3



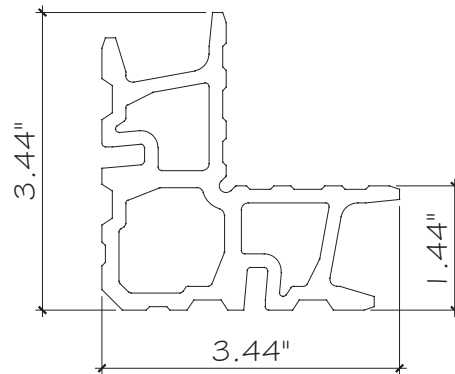
⑥ THERMAL BREAK
TECHNOFORM
BAUTEC C-20



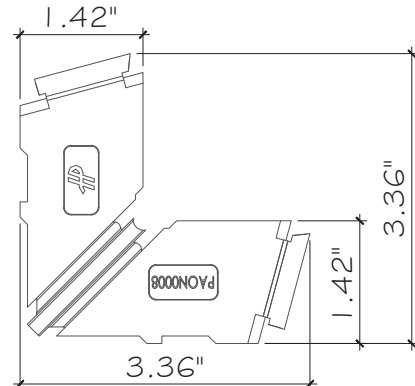
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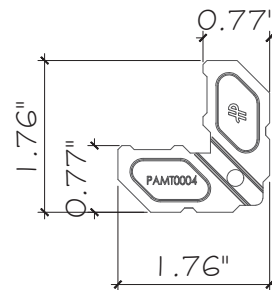
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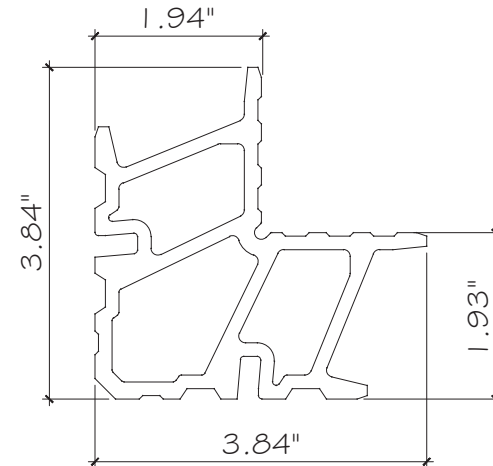
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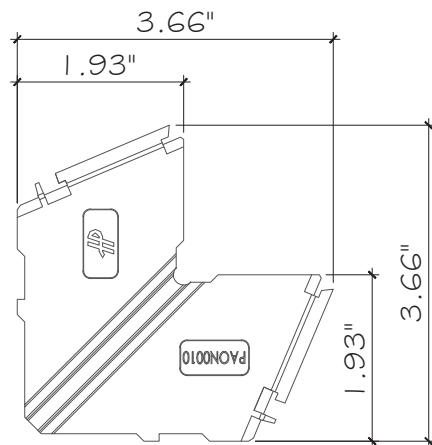
⑭ FLOW GUIDE PLATE
PAON0008
POLYAMIDE 66



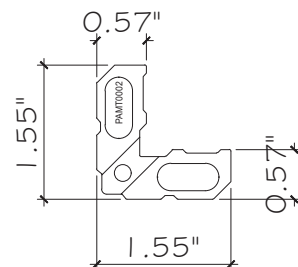
⑮ GROUP CORNER STEEL
PAMT0004
STAINLESS STEEL



⑯ ANGLE CODE
JM0029
ALUM.6063-T5

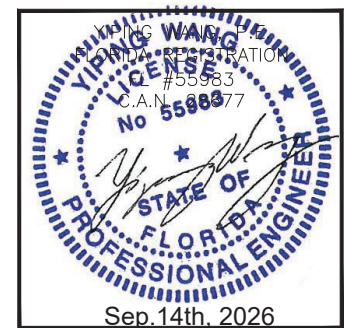


⑰ FLOW GUIDE PLATE
PAON0010
POLYAMIDE 66

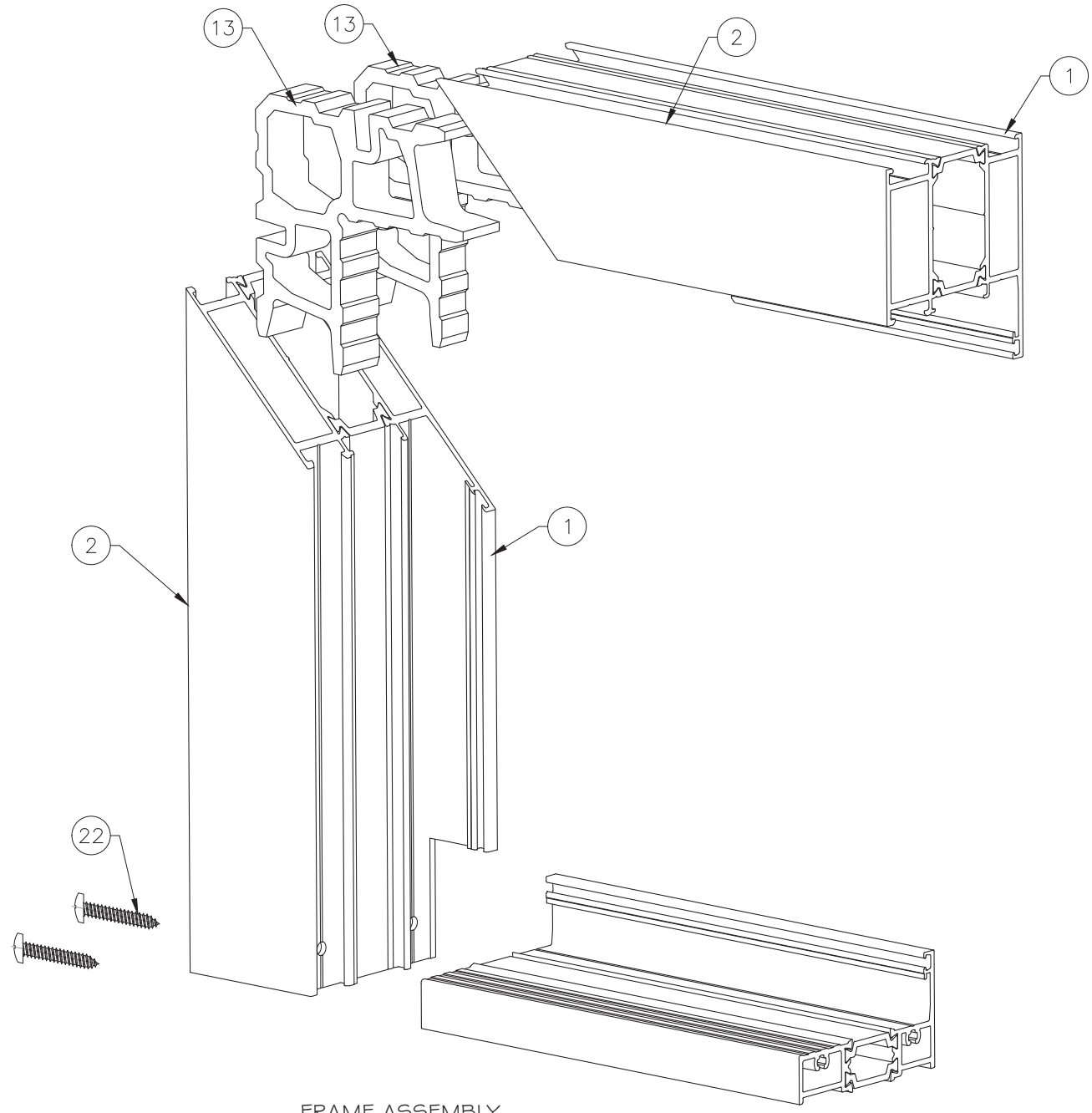


⑱ GROUP CORNER STEEL
PAMT0002
STAINLESS STEEL

FLORIDA APPROVAL:
FL47917.1



	</								



FRAME ASSEMBLY

FLORIDA APPROVAL:
FL47917.1

Sep.14th. 2026

Drawn Date 09.14.2026		SCALE AS SHOWN	
DRAWING NO. AD25-44		ASSEMBLY	
Sheet No. 8 OF 8			

02	01	Rev. No.
09.14.2026	11.24.2025	Date
James	James	Drawn By
UPDATE FBC 2026	NEW PRODUCT APPLICATION	Description

SP65T FRENCH DOOR SYSTEM - NON-IMPACT
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