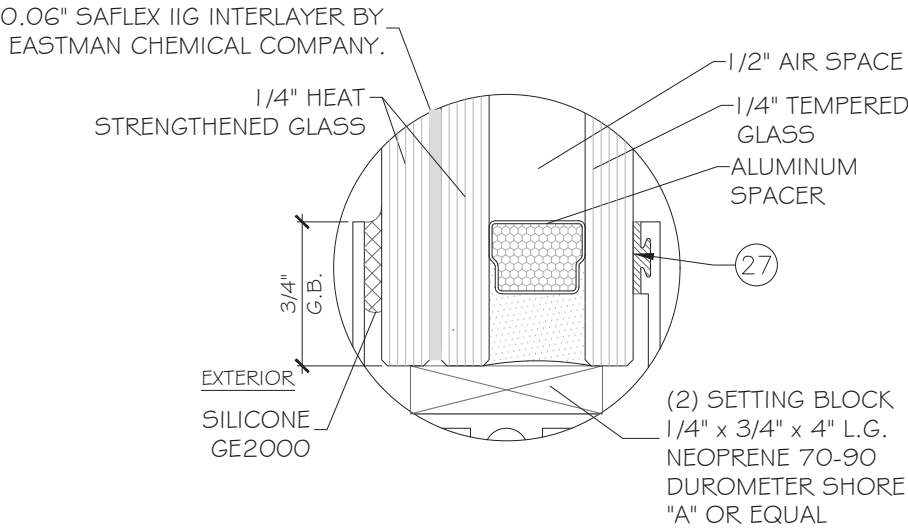


CONTINENTAL GLASS SYSTEMS
SERIES 2200 SLIDING GLASS DOOR (S.M.I.)



GLASS TYPE "G1"
1 5/16" INSULATED LAMINATED GLASS
LAMINATED ON EXTERIOR SIDE

NOTE:
GLASS COMPLIES WITH ASTM E1300-09
(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) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- DOOR IS RATED FOR SMALL MISSILE IMPACT ONLY. IMPACT SHUTTERS ARE NOT REQUIRED FOR ELEVATIONS 30'-0" ABOVE GRADE OR HIGHER. IMPACT SHUTTERS ARE REQUIRED FOR ELEVATIONS LOWER THAN 30'-0" ABOVE GRADE.
- DOORS ARE APPROVED FOR AIR AND WATER INFILTRATION RESISTANCE.
- 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.
- METAL STRUCTURES NOT BY CONTINENTAL GLASS SYSTEMS, LLC., SHALL BE DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING SYSTEM AND TO TRANSFER SUCH LOADS TO THE MAIN BUILDING STRUCTURE.
- ULTIMATE LOAD OBTAINED FROM ASCE 7-22, MULTIPLIED 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.

SEALANTS:

ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICONE SEALANT.

INSTRUCTIONS:

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.
- STEP 2:** SEE SHEET E1 TO E3 FOR DESIGN LOAD CAPACITY OF DESIRED GLASS SIZE BASED ON APPLICABLE WIND DURATION.
- STEP 3:** SEE ANCHOR TYPE SHEET A1, SEE ELEVATION FOR ANCHOR SPACING.
- 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. WHEN USE SYSTEM WITH DOOR, THE LOWER VALUE OF THE DESIGN PRESSURE RATING FOR THE SYSTEM AND THE DOOR SHALL APPLY.

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

SECTION NUMBER

C
7

SHEET NUMBER

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 HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D.
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#46131.2

YIP WANG, P.E.
LICENSE #55983
C.A.N. 5598377

March 07th, 2024

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

SERIES 2200 ALUMINUM SLIDING GLASS DOOR S.M.I.
CONTINENTAL GLASS SYSTEMS, LLC
325 WEST 74 PLACE,
HIALEAH, FL 33014
TEL. (305) 231-1101

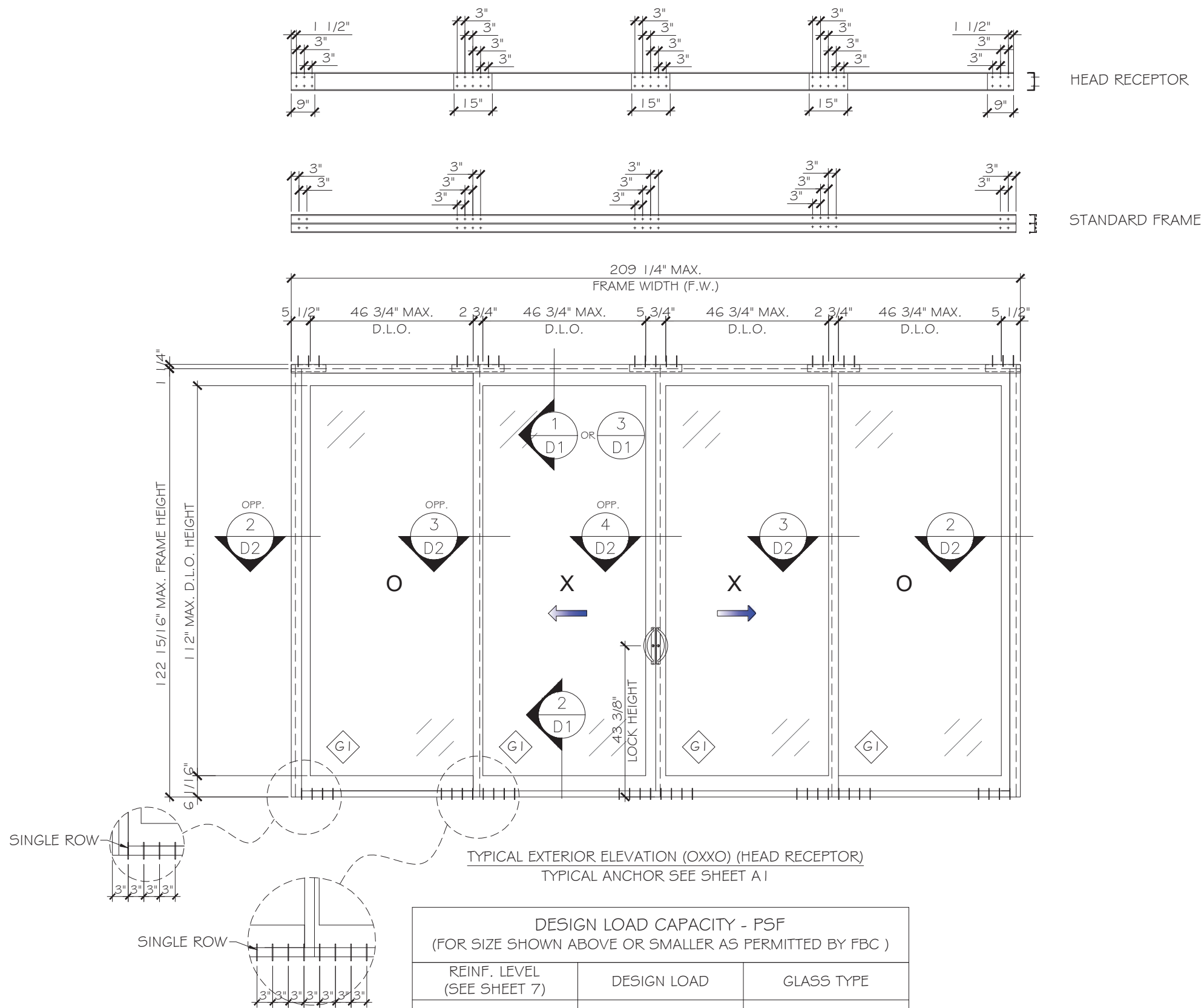
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1.	03.06.2024	James	REVISION

Drawn Date
03.06.2024

Scale
AS SHOWN

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AD23-78

Sheet No.
1 OF 10



DESIGN LOAD CAPACITY - PSF (FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC)		
REINF. LEVEL (SEE SHEET 7)	DESIGN LOAD	GLASS TYPE
LEVEL 1	±70	G I
LEVEL 2	±90	G I

FLORIDA APPROVAL:
FL#46131.2

Professional Engineer Seal for Yiping Wang, State of Florida, License #55983, Exp. 03/06/2024. Includes date March 07th, 2024.

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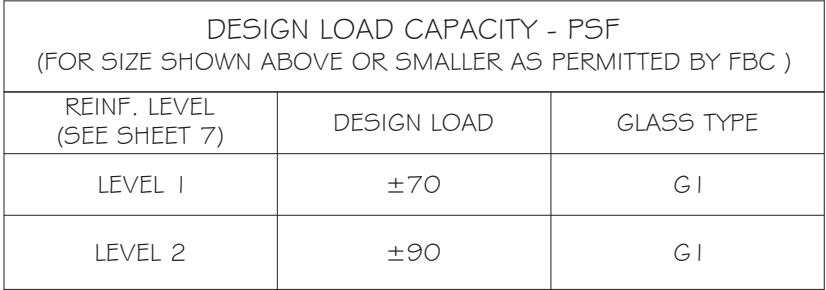
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Drawing Date: 03.06.2024
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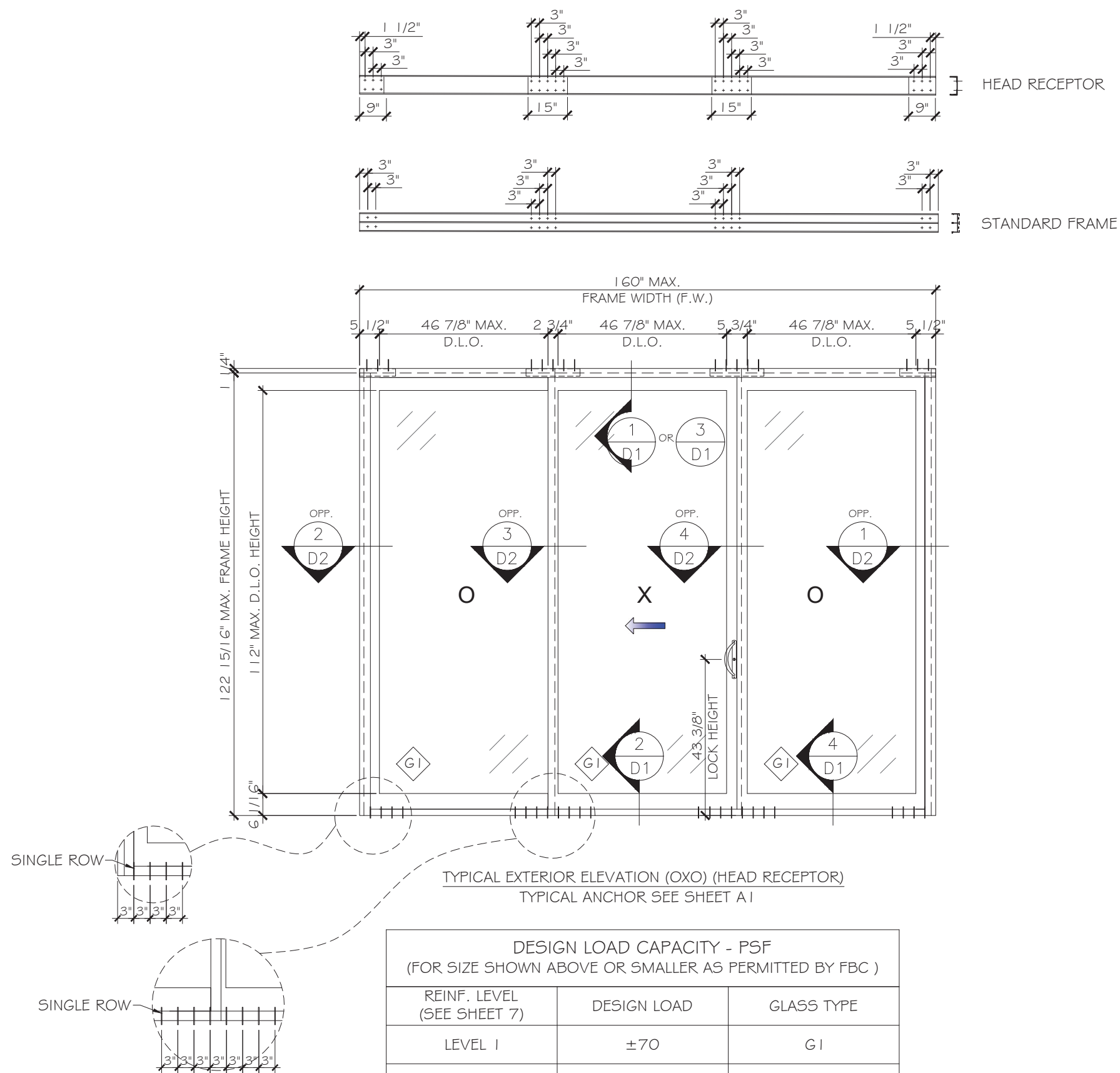
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2 OF 10

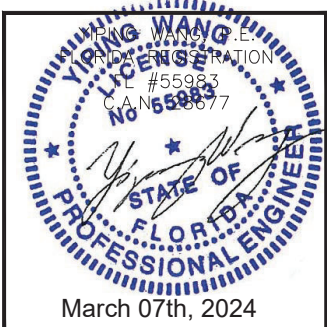
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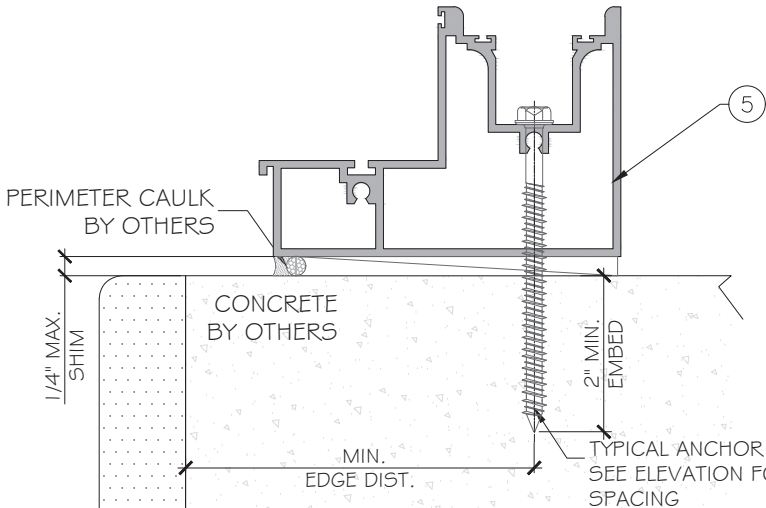
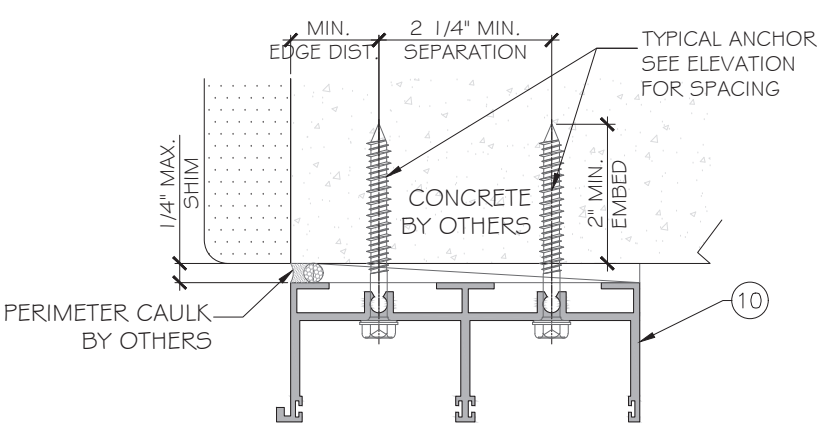
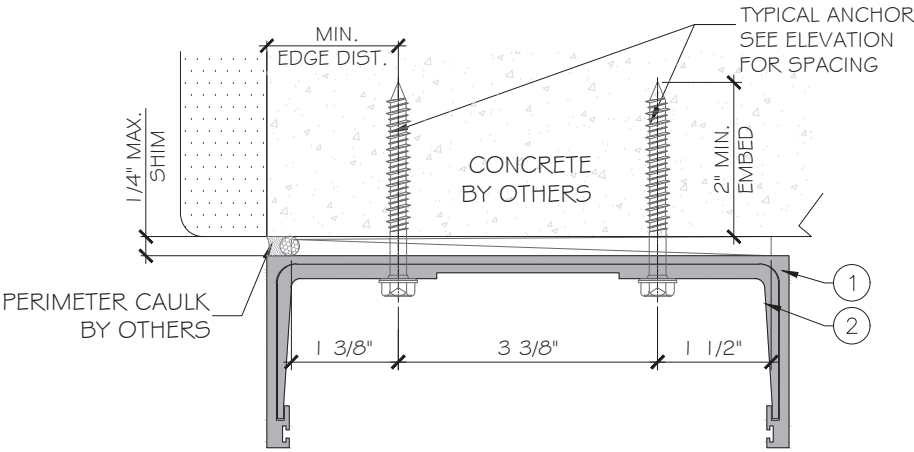
DRAWING NO.: AD23-78

Sheet No.: 4 OF 10

TYPICAL ANCHOR
ANCHOR TYPE 'A' - 5/16" DIA. ULTRACON BY 'DEWALT'
(Fu=177KSI, Fy=155KSI)
DIRECTLY INTO CONCRETE (HEAD/ SILL)
W/ 2" MIN. EMBEDMENT

MIN. EDGE DISTANCE.
INTO CONCRETE: 2 1/2" MIN.

CONCRETE, f'c = 3000 PSI MIN.



FLORIDA APPROVAL:
FL#46131.2

YIPING WANG, P.E.
FLORIDA PROFESSIONAL ENGINEER
LICENSE #55983
C.A. No. 55983
March 07th, 2024

SERIES 2200 ALUMINUM SLIDING GLASS DOOR S.M.I.
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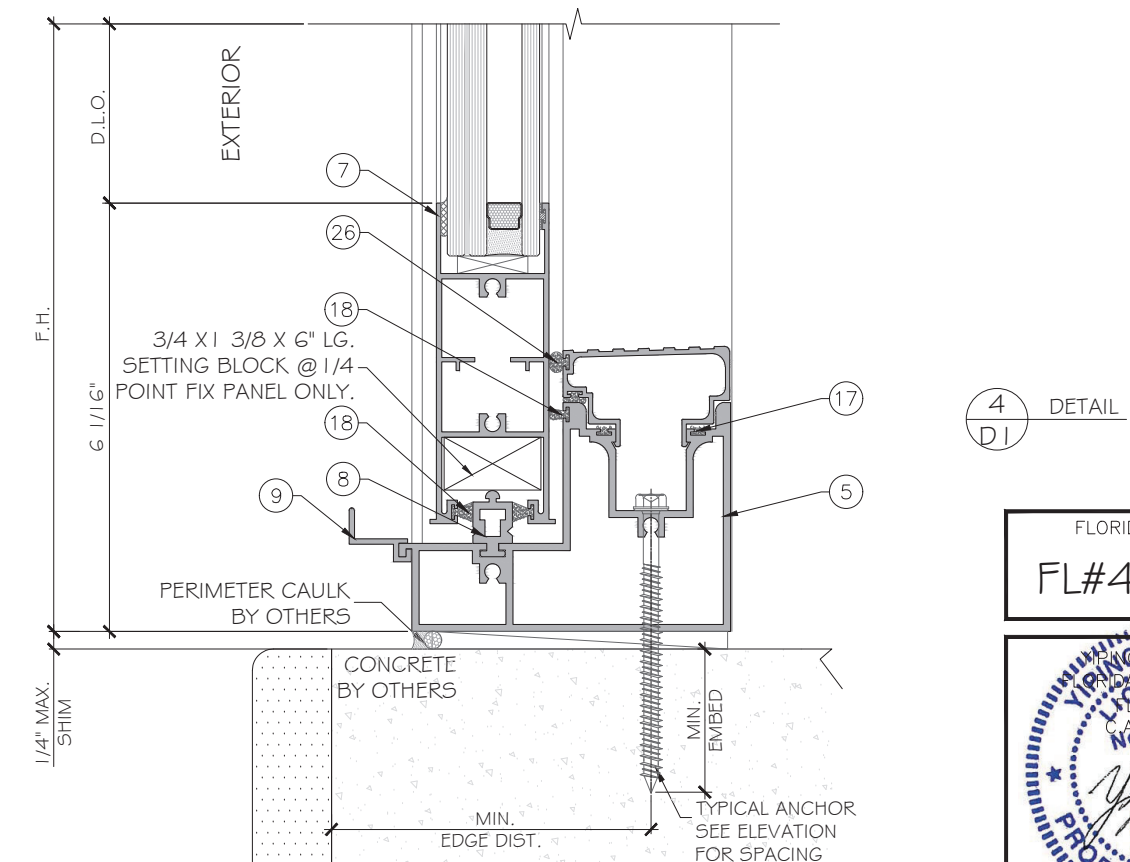
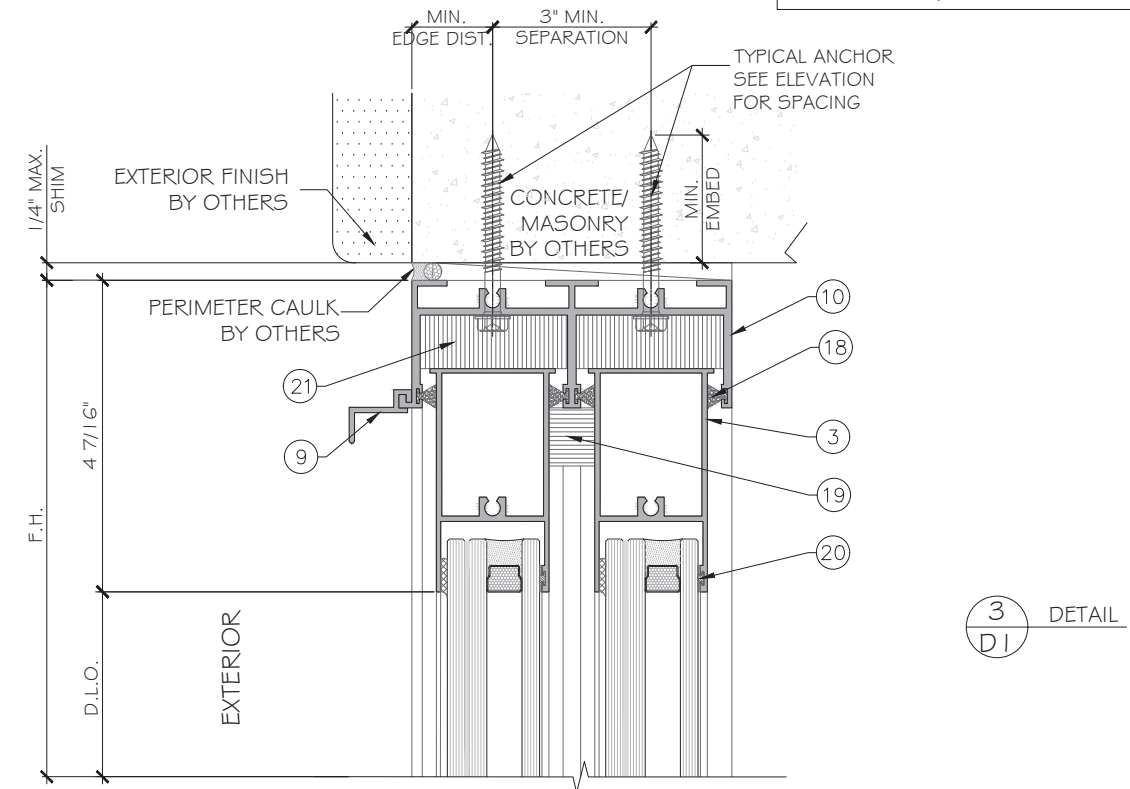
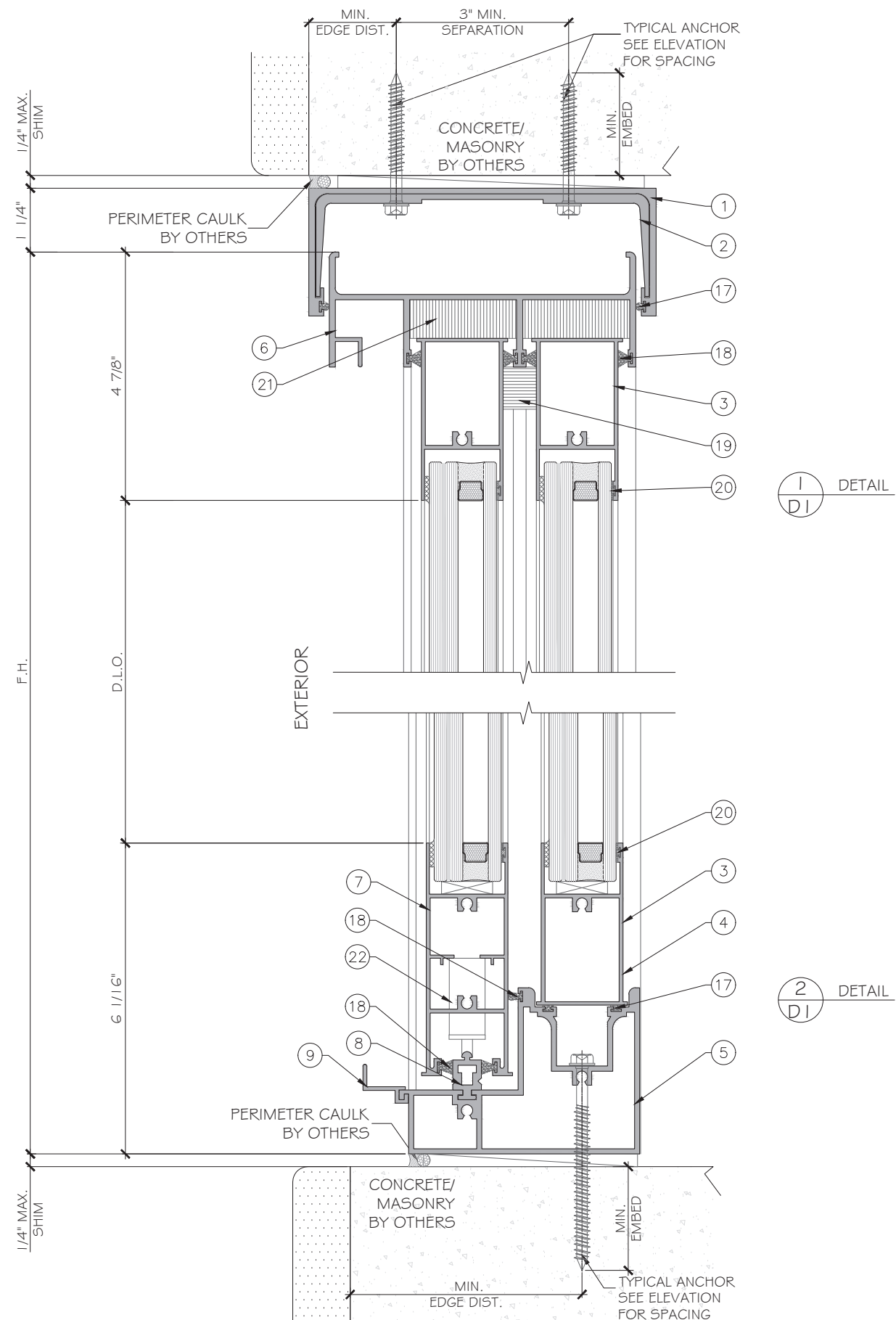
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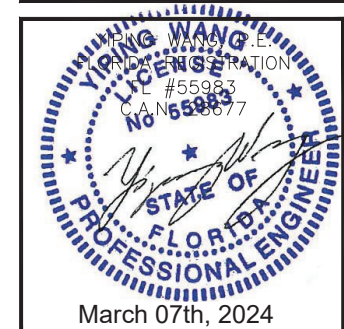


NOTE: ITEM 21 IS CONTINUOUS THROUGH
ENTIRE LENGTH OF FRAME HEAD.

3
DI

4
DI

FLORIDA APPROVAL:
FL#46131.2



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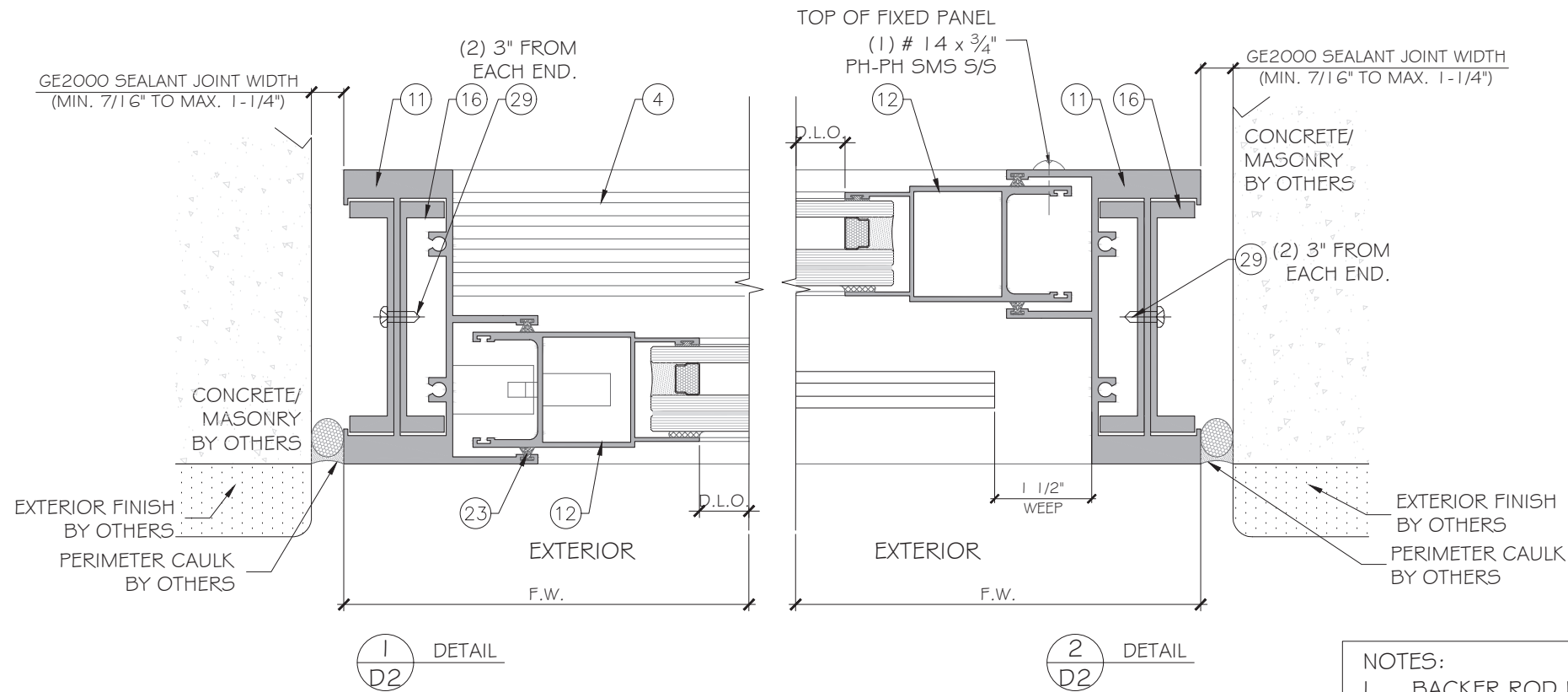
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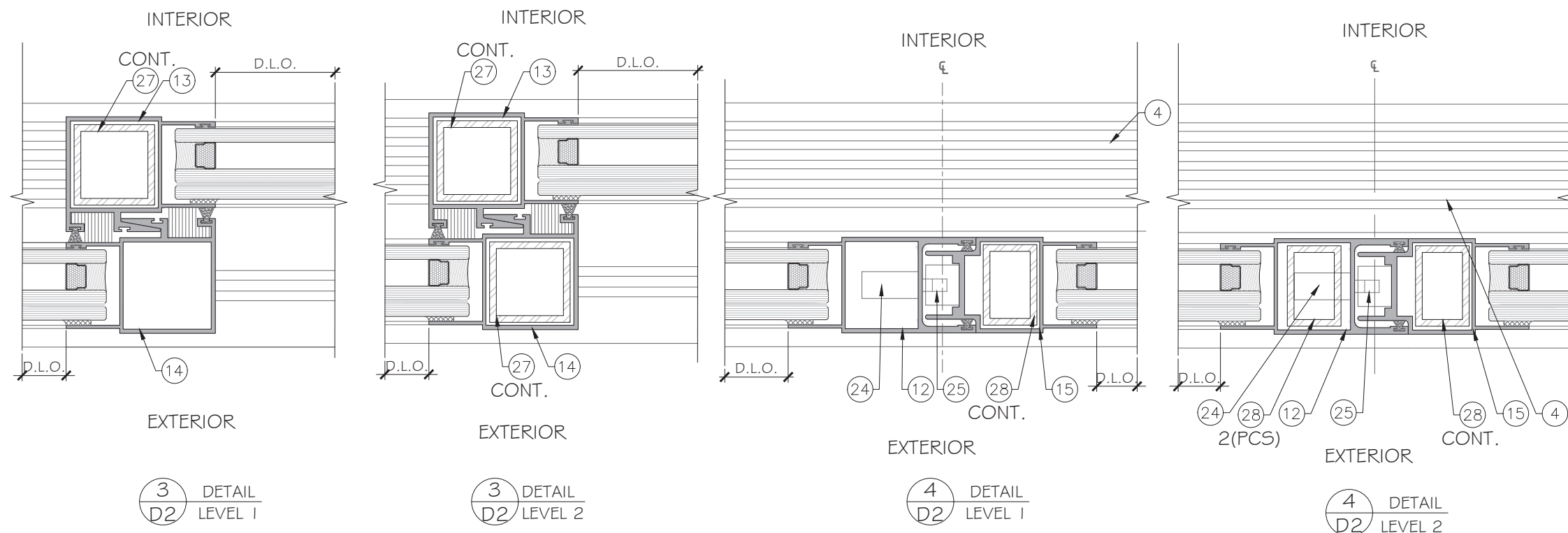
HIALEAH, FL 33014

TEL. (305) 231-1101

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- NOTES:
- BACKER ROD DIAMETER EQUALS SEAL WIDTH X 120%
 - SEALANT DEPTH IS 5/8" (-0", + 1/16") FOR SEALANT WIDTH UP TO 1-1/4"



FLORIDA APPROVAL:

FL#46131.2

YIPING WANG, P.E.
LICENSE #55983
CAN 5598377

March 07th, 2024

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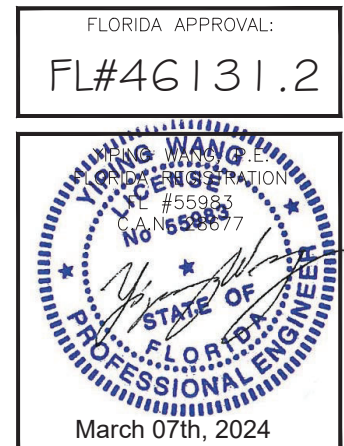
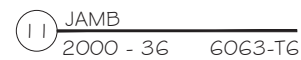
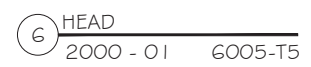
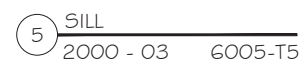
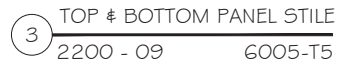
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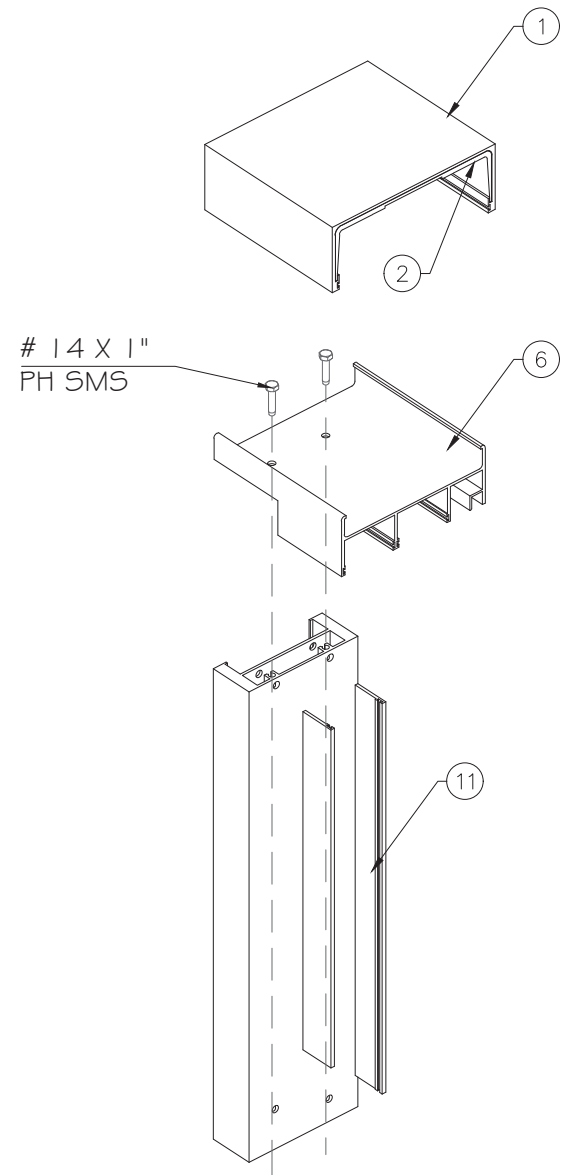
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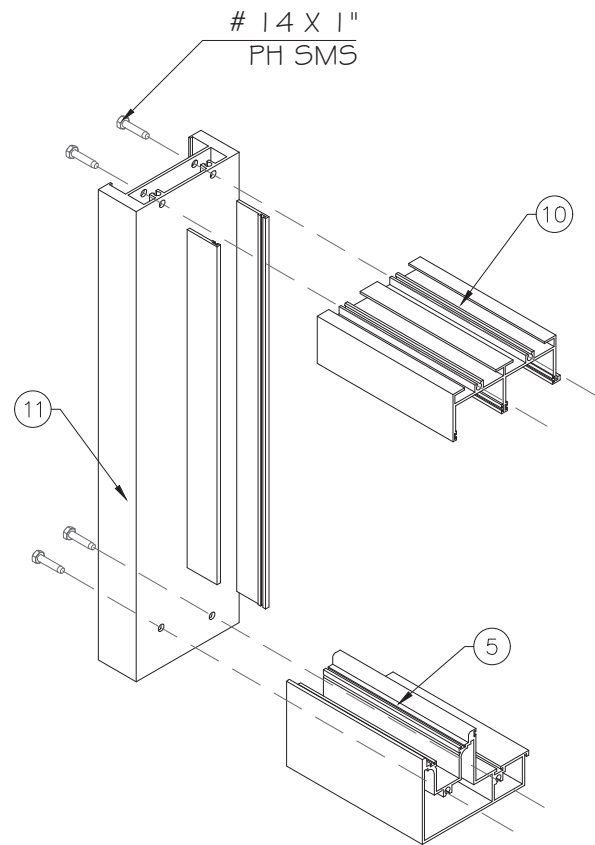
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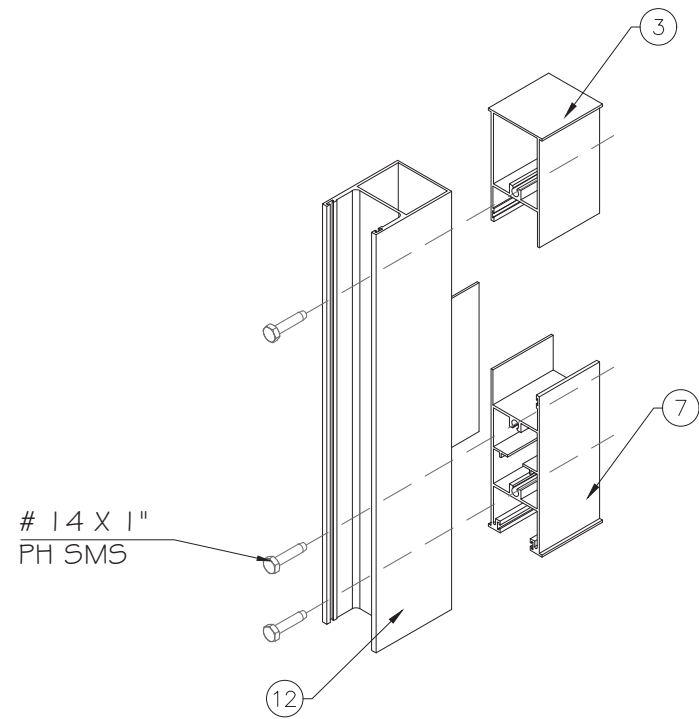
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HEAD RECEPTOR



STANDARD FRAME



DOOR PANEL

FLORIDA APPROVAL:
FL#46131.2

YIP WANG
PROFESSIONAL ENGINEER
FLORIDA
LICENSE #55983
C.A. No. 55983

March 07th, 2024

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March 07th, 2024

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