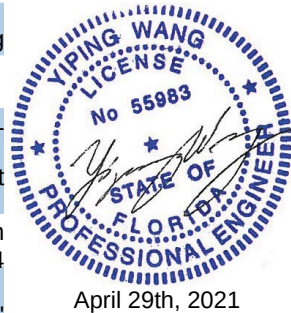


GLOBAL PERFORMANCE WINDOWS, INC.
SERIES EUSA-ST30 SMI
ALUMINUM SLIDING GLASS DOOR
W/ INSULATED LAMINATED GLASS & LAMINATED GLASS
SMALL MISSILE IMPACT
W/STANDARD REINF. & HEAVY DUTY INTERLOCKS

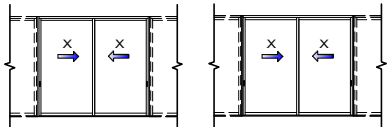
Digitally signed by Yiping Wang
Location: 12781 Miramar Parkway #301, Miramar, FL
Reason: I am the author of this document
Contact Info: mcy@mcyengineering.com
/(305)-588-5224
Date: 2021.04.29 17:06:46+08'00'



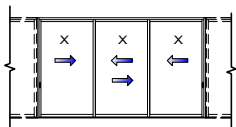
GENERAL NOTES

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH 7TH EDITION 2020 FLORIDA BUILDING CODE, INCLUDING THE REQUIREMENTS FOR HIGH VELOCITY HURRICANE ZONES (HVHZ).
2. THIS PRODUCT IS AN ALUMINUM SLIDING GLASS DOOR, SMALL MISSILE IMPACT RESISTANT, IMPACT SHUTTERS ARE NOT REQUIRED FOR ELEVATIONS ABOVE 30'-0" FROM GRADE. IMPACT SHUTTERS ARE REQUIRED FOR ELEVATIONS BELOW 30'-0" FROM GRADE.
3. THIS APPROVAL APPLIES TO ONE SLIDING GLASS DOOR SYSTEM. (HEAVY DUTY INTERLOCK) (REFER TO SHEETS E-1 THRU E4 FOR SYSTEM TYPE, SIZES & CONFIGURATIONS, AND SIZES VS. DESIGN PRESSURES). THIS SYSTEM IS APPROVED WITH THE FOLLOWING CONFIGURATIONS:

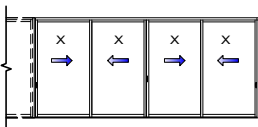
2 PANELS DOOR XX



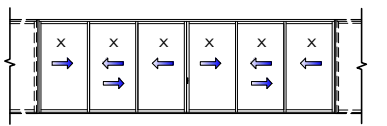
3 PANELS DOOR, XXX RIGHT OR XXX LEFT



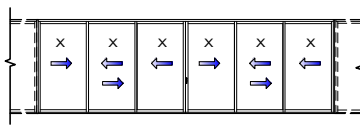
4 PANELS DOOR, XXXX



6 PANELS DOOR, XXXXXX



5 PANELS DOOR, XXXXX



4. THIS SLIDING GLASS DOOR MAY BE USED IN CONJUNCTION WITH SMALL/LARGE MISSILE IMPACT RESISTANT MULLION OR LARGE MISSILE IMPACT WINDOW WALL SYSTEM THAT SHALL HAVE A SEPARATE VALID FLORIDA APPROVAL. THE LOWER ALLOWABLE PRESSURE BETWEEN THE MULLION OR THE WINDOW WALL SYSTEM AND THIS SLIDING GLASS DOOR SHALL APPLY TO THE ENTIRE SYSTEM. THE STRUCTURAL ADEQUACY OF THE INTERACTION AND ATTACHMENTS OF THE TWO SYSTEMS IS TO BE REVIEWED AND APPROVED BY THE AUTHORITY HAVING JURISDICTION (AHJ).
- 5.. DESIGN LOAD RATING FOR THIS PRODUCT TO BE AS PER CHARTS SHOWN ON SHEETS E-1 THRU E-4.
6. THE DESIGN LOADS OF THE LOCATION WHERE THE PRODUCT WILL BE USED MUST BE CERTIFIED BY A PROFESSIONAL ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA FOR EACH SPECIFIC PROJECT.
7. ANCHORING OR LOADING CONDITIONS NOT SHOWN ON THE DETAILS HEREIN INCLUDED ARE NOT PART OF THIS APPROVAL.

8. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY:
 - a. THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE INSTALLED TO ENSURE PROPER ANCHORAGE.
 - b. THE PROJECT DESIGN CRITERIA AND APPLICABLE CODES AND ORDINANCES
 - c. THE ADEQUACY AND APPLICABILITY OF THIS APPROVAL.
9. ANCHORS SHALL BE AS LISTED IN THIS DOCUMENT AND SPACED AS INDICATED ON SHEETS E-1 THRU E-4. LISTED EMBEDMENT SHALL BE BEYOND EXTERIOR OR INTERIOR FINISH OF SUBSTRATES.
10. ALUMINUM: ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T6 ALLOY MINIMUM EXCEPT WHERE OTHERWISE INDICATED. PLEASE REFER TO SHEET BOM FOR BILL OF MATERIALS.
11. GLASS: THIS PRODUCT IS APPROVED TO BE GLAZED WITH THE FOLLOWING GLASS COMPOSITIONS:

GT-A. 1-5/16" THK. INSULATED LAMINATED GLASS:
+ 1/4" FULLY TEMPERED GLASS
+ 1/2" AIR SPACE
+ 1/4" FULLY TEMPERED GLASS
+ 0.060" SAFLEX PVB INTERLAYER BY EASTMAN CHEMICAL COMPANY
OR 0.060" TROSIFOL ULTRACLEAR, PVB GLASS INTERLAYER BY KURARAY.
+ 1/4" FULLY TEMPERED GLASS

GT-B. 9/16" THK. LAMINATED GLASS:
+ 1/4" FULLY TEMPERED GLASS
+ 0.060" TROSIFOL ULTRACLEAR, PVB GLASS INTERLAYER BY KURARAY.
+ 1/4" FULLY TEMPERED GLASS

APPROVAL USE INSTRUCTIONS

1. DETERMINE APPLICABLE PROJECT WIND LOADS AS PER FBC APPROVED METHODS.
2. SELECT REQUIRED ANCHORS AT HEAD & SILL ON SHEET D-1 & D-4 TO MEET JOB REQUIRED LOAD, SEE E-1, E-2, E-3 & E-4 FOR SPACING.
3. ANCHOR AT JAMB, SEE E-1, E-2, E-3 & E-4 FOR SPACING & D-2 & D-5 FOR ANCHOR TYPES USED FOR CHOSEN SUBSTRATE.
4. WHEN THE DOOR IS CONNECTED TO A WINDOW SYSTEM (UNDER SEPARATE APPROVAL), THE LOWER ALLOWABLE PRESSURE BETWEEN THIS APPROVAL AND SEPARATE WINDOW APPROVAL SHALL CONTROL THE ALLOWABLE PRESSURE FOR THE ENTIRE OPENING. THIS CONDITION TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION (AHJ).

LIMITATIONS OF USE

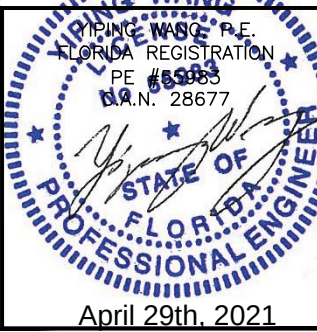
A-THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT; I.E. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.

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	01-03-2021
2	04-19-2021

MCY

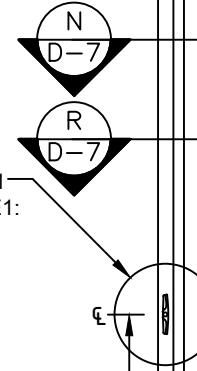
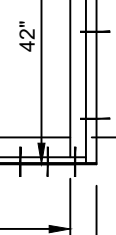
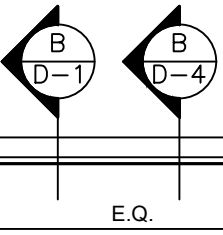
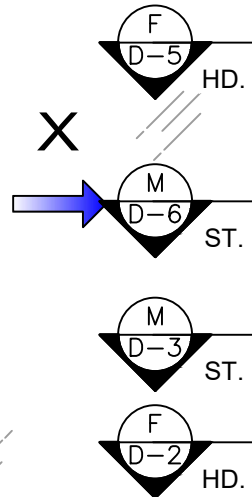
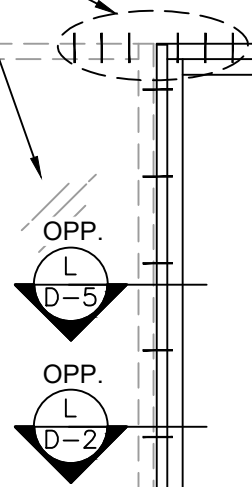
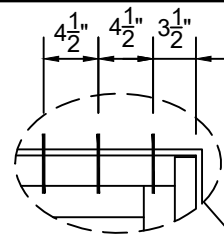
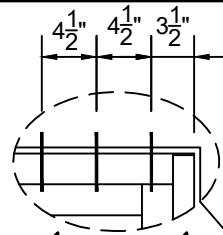
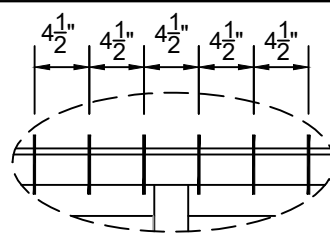
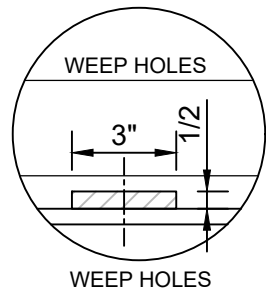
MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PARKWAY #301
MIRAMAR, FL 33027
P: 305.271.0117
www.MCYEngineering.com

SERIES EUSA-ST30 SLIDING GLASS DOOR (SMI)
GLOBAL PERFORMANCE WINDOWS, INC.
DBA EPSYLON USA
2115 S.W. 2ND STREET, POMPA BEACH, FL 33069
TEL: (954) 942-3322 FAX: (954) 942-3215

FL#37888	
DATE	04.19.21
SCALE	AS NOTED
DRAWN	MCY
PROJECT	
COVER	
DRAWING NO. AD21-04	
1 OF 16	

WINDOW WALL:
INCLUDING ANCHOR TYPE
& LAYOUT, ETC. SEE
SEPARATE FLORIDA
APPROVAL.

NOTE 1:
-SURFACE MOUNTED
METALLIC HANDLE
ATTACHED TO LOCK STILE
W/(2) #8-32 X 2 1/2" PH. MS.
-SURFACE MOUNTED METALLIC
KEEPER ATTACHED TO FRAME
JAMB W/(3) #14 X 1 1/2" FH. SMS.
-FLUSH MOUNTED METALLIC
THREE PLY DUAL HOOK LOCK
ATTACHED TO LOCK STILE WITH
(2) #8-32 X 2 1/2" PH. MS.
(TYPICAL)



FOR WEATHERSTRIPPING
& WEEP HOLE DETAILS,
SEE SHEET D-3

E.Q. D.L.O. 144" MAX. FRAME WIDTH (FW)
E.Q. D.L.O.

FW/4 - 3 1/8"
FW/2 - 4 3/4"

TYPICAL ELEVATION (XX)

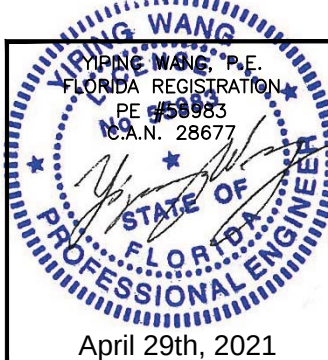
NOMINAL PANEL SIZE
PANEL WIDTH (PW) = FRAME WIDTH / NUMBER OF PANELS
PANEL HEIGHT (PH) = FRAME HEIGHT (FH) - 2.75"
D.L.O. SIZE
D.L.O. WIDTH = PANEL WIDTH - 6.25"
D.L.O. HEIGHT = FRAME HEIGHT - 9.5"

NOMINAL DIMENSION		MAX. ALLOWABLE DESIGN LOAD (PSF)		INTERLOCK DETAIL	
MAX. PW(IN)	FH(IN)	EXT. (+)	INT. (-)	-	
STANARD/REINF. INTERLOCK					
72"	117"	90.0	90.0	M/D-3	M/D-6
HEAVY DUTY INTERLOCK					
64 4/5"	121"	120.0	120.0	F/D-2	F/D-5
72"	129"	100.0	100.0		

ST.= STANDARD INTERLOCKS
HD.= HEAVY DUTY INTERLOCKS

SEE NOTE 1
ON SHEET E1:

FREE STANDING JAMB OPTION



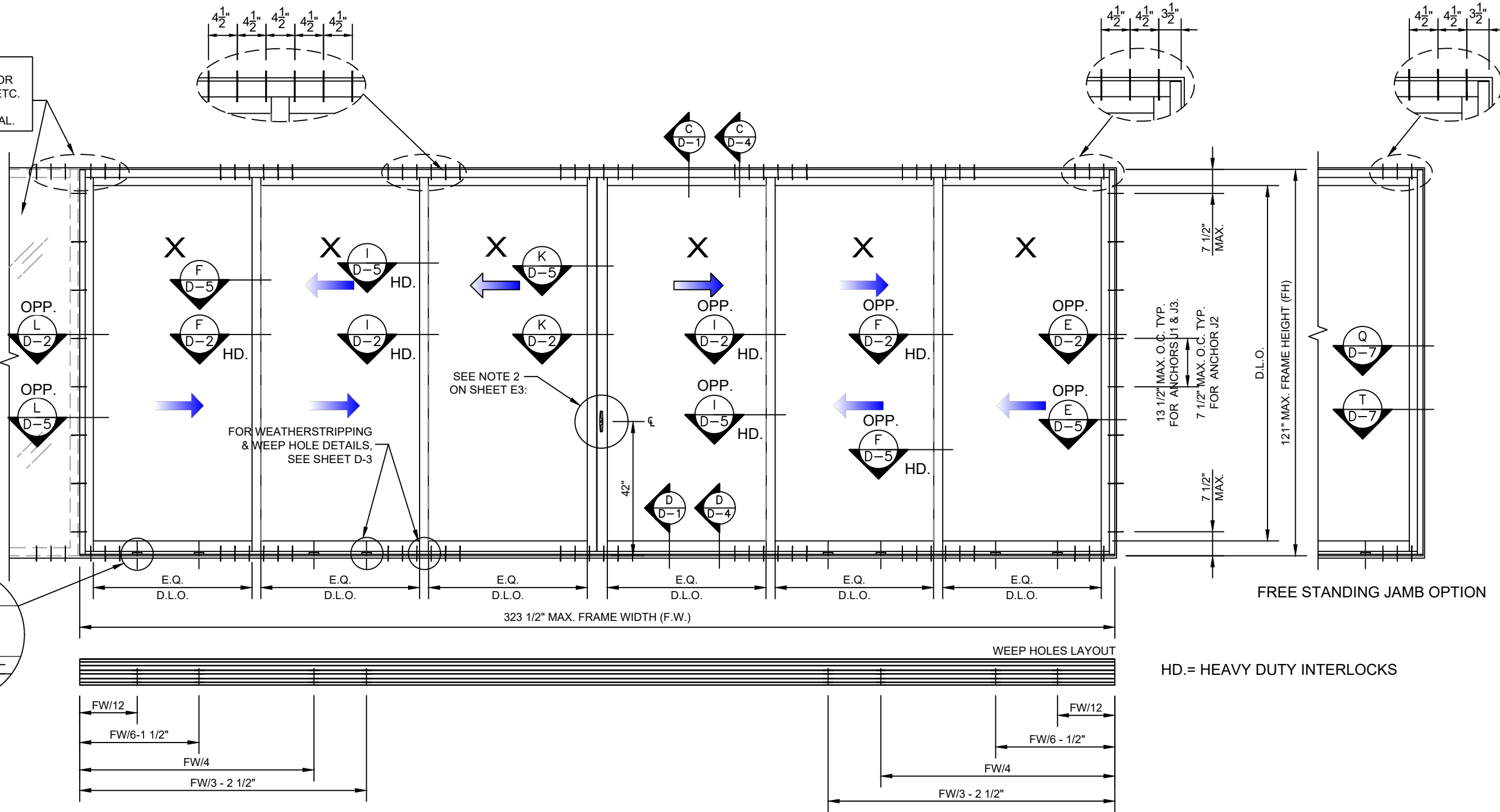
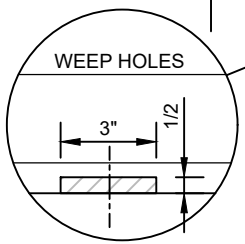
REVISIONS	
NO.	DESCRIPTION
1	01-03-2021
2	04-19-2021

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FL#37888	
DATE	04.19.21
SCALE	AS NOTED
DRAWN	MCY
PROJECT	
E-1	
DRAWING NO. AD21-04	
2 OF 16	

WINDOW WALL:
INCLUDING ANCHOR
TYPE & LAYOUT, ETC.
SEE SEPARATE
FLORIDA APPROVAL.

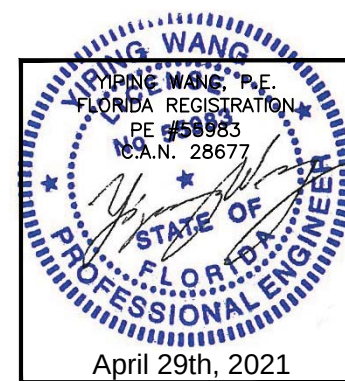


TYPICAL ELEVATION (XXXXXX)

NOMINAL PANEL SIZE
PANEL WIDTH (PW) = FRAME WIDTH / NUMBER OF PANELS
PANEL HEIGHT (PH) = FRAME HEIGHT (FH) - 2.75"

D.L.O. SIZE
D.L.O. WIDTH = PANEL WIDTH - 6.25"
D.L.O. HEIGHT = FRAME HEIGHT - 9.5"

NOMINAL DIMENSION		MAX. ALLOWABLE DESIGN LOAD (PSF)		INTERLOCK DETAIL
MAX. PW(IN)	FH(IN)	EXT. (+)	INT. (-)	-
HEAVY DUTY INTERLOCK				
64"	96"	120.0	120.0	F/D-2
64"	102"	120.0	120.0	
60 3/8"	108"	120.0	120.0	F/D-5
57 1/8"	114"	120.0	120.0	
54 3/8"	120"	120.0	120.0	I/D-5
54"	121"	120.0	120.0	

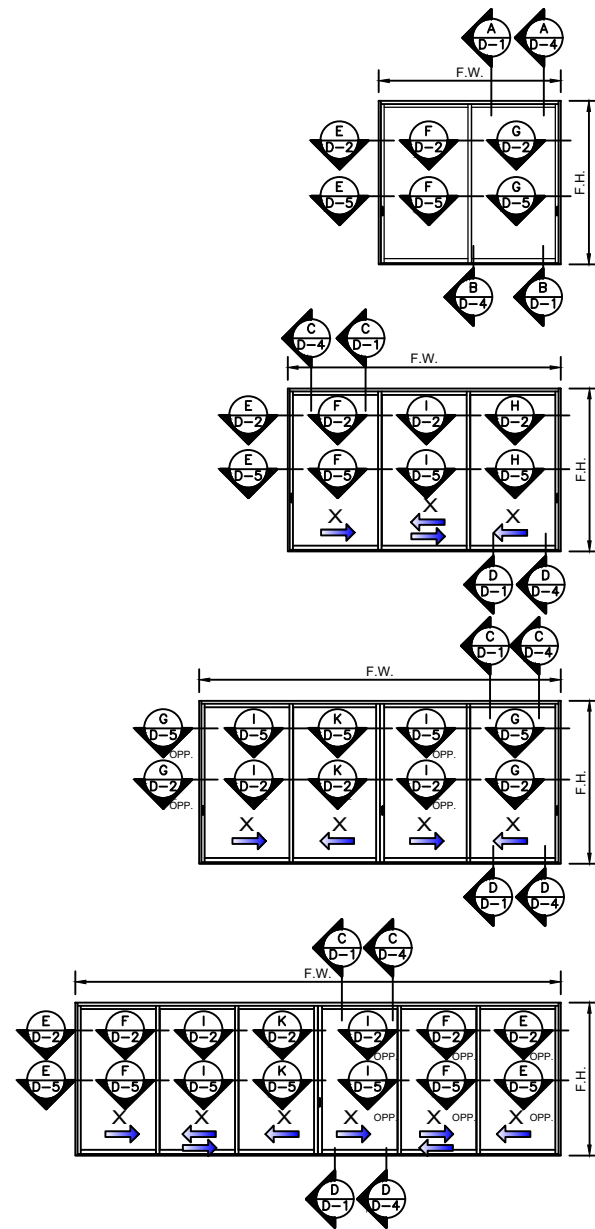


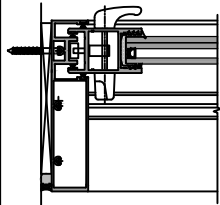
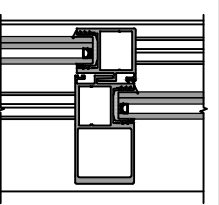
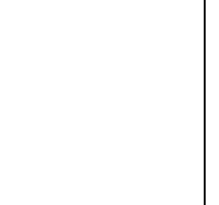
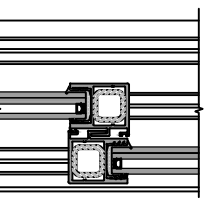
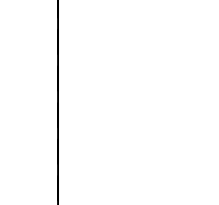
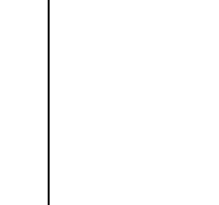
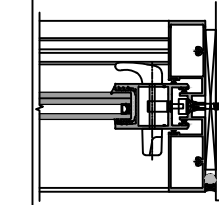
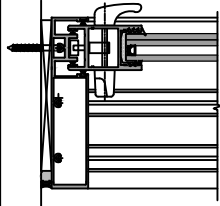
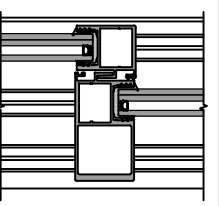
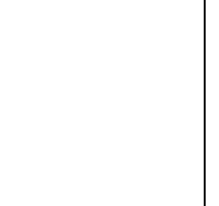
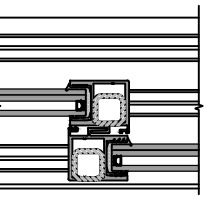
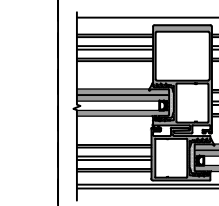
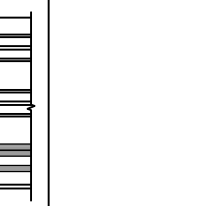
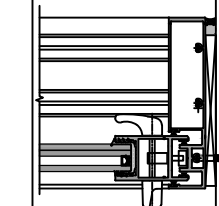
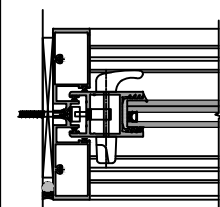
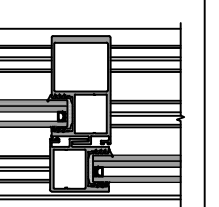
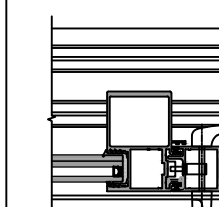
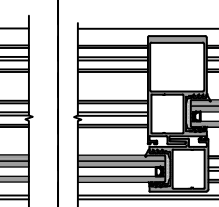
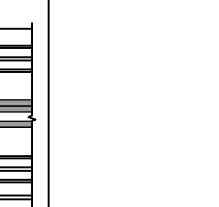
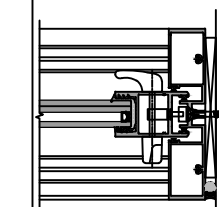
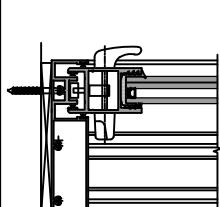
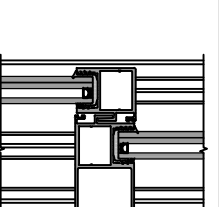
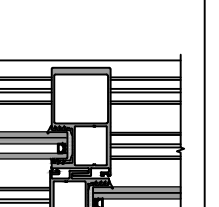
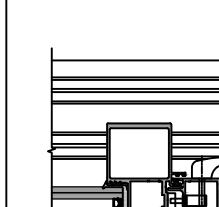
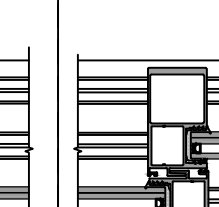
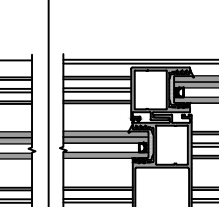
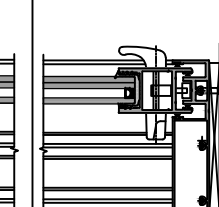
NO.	DATE	DESCRIPTION
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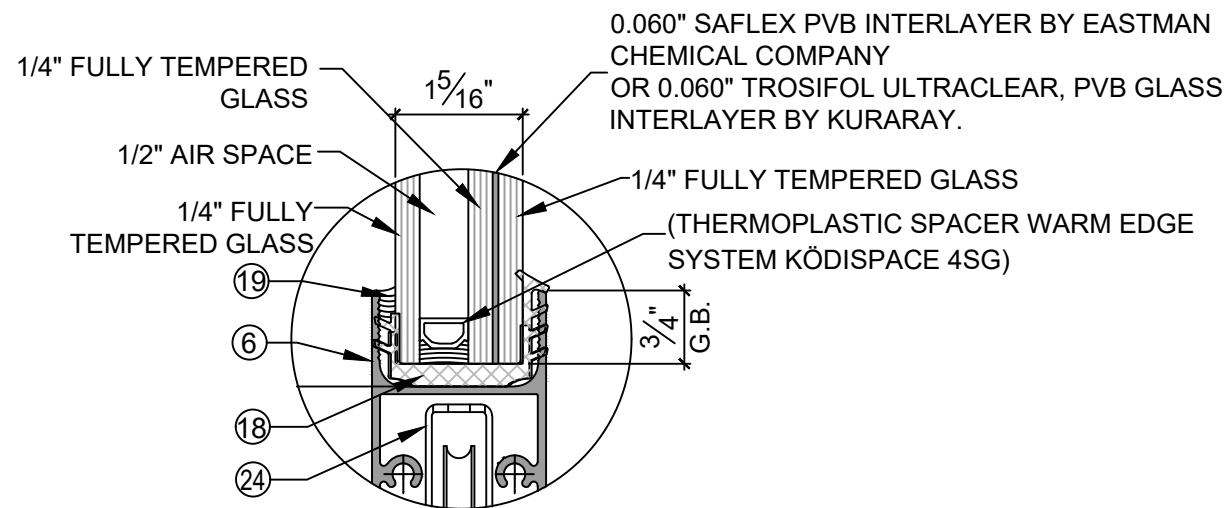
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DATE	04.19.21
SCALE	AS NOTED
DRAWN	MCY
PROJECT	
E-4	
DRAWING NO. AD21-04	
5 OF 16	

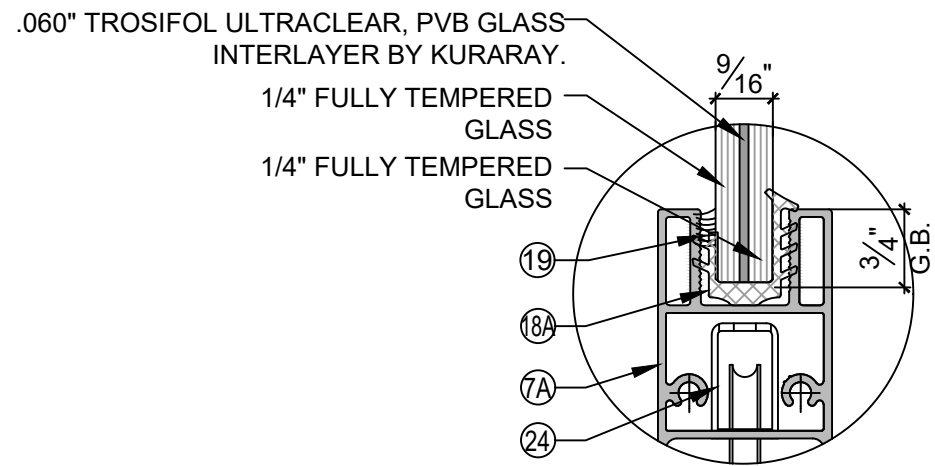


JAMB	INTERLOCK HEAVY DUTY	INTERLOCK HEAVY DUTY	INTERLOCK STANDARD/REINF.	MEETING ASTRAGAL	INTERLOCK HEAVY DUTY	INTERLOCK HEAVY DUTY	JAMB
 EXTERIOR	 EXTERIOR	 EXTERIOR	 EXTERIOR	 EXTERIOR	 EXTERIOR	 EXTERIOR	 EXTERIOR
 EXTERIOR	 EXTERIOR	 EXTERIOR	 EXTERIOR	 EXTERIOR	 EXTERIOR	 EXTERIOR	 EXTERIOR
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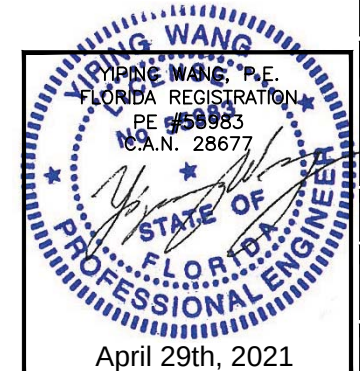


GT-A
1-5/16" NOMINAL OVERALL

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



GT-B
9/16" NOMINAL OVERALL



REVISIONS	
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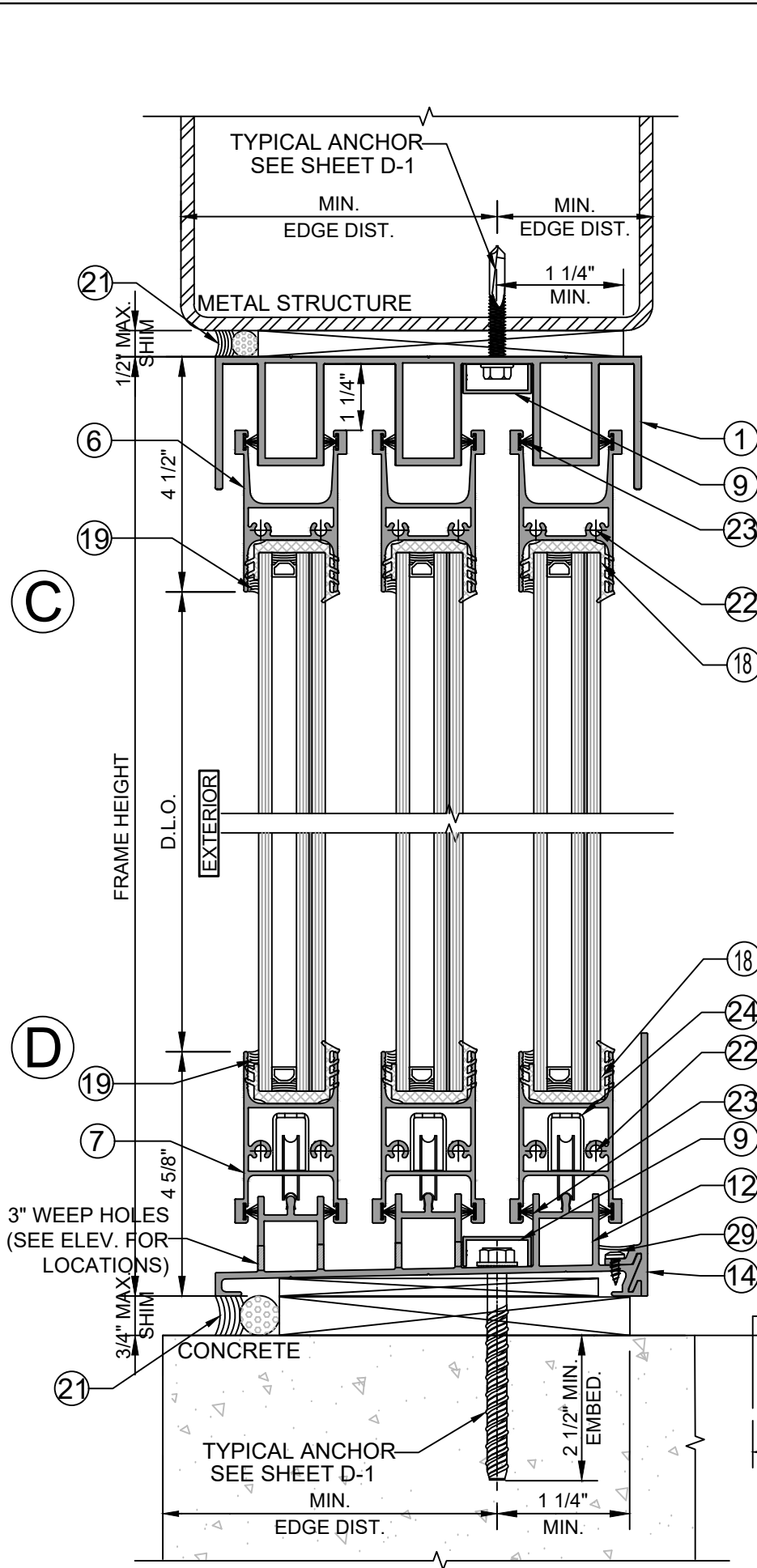
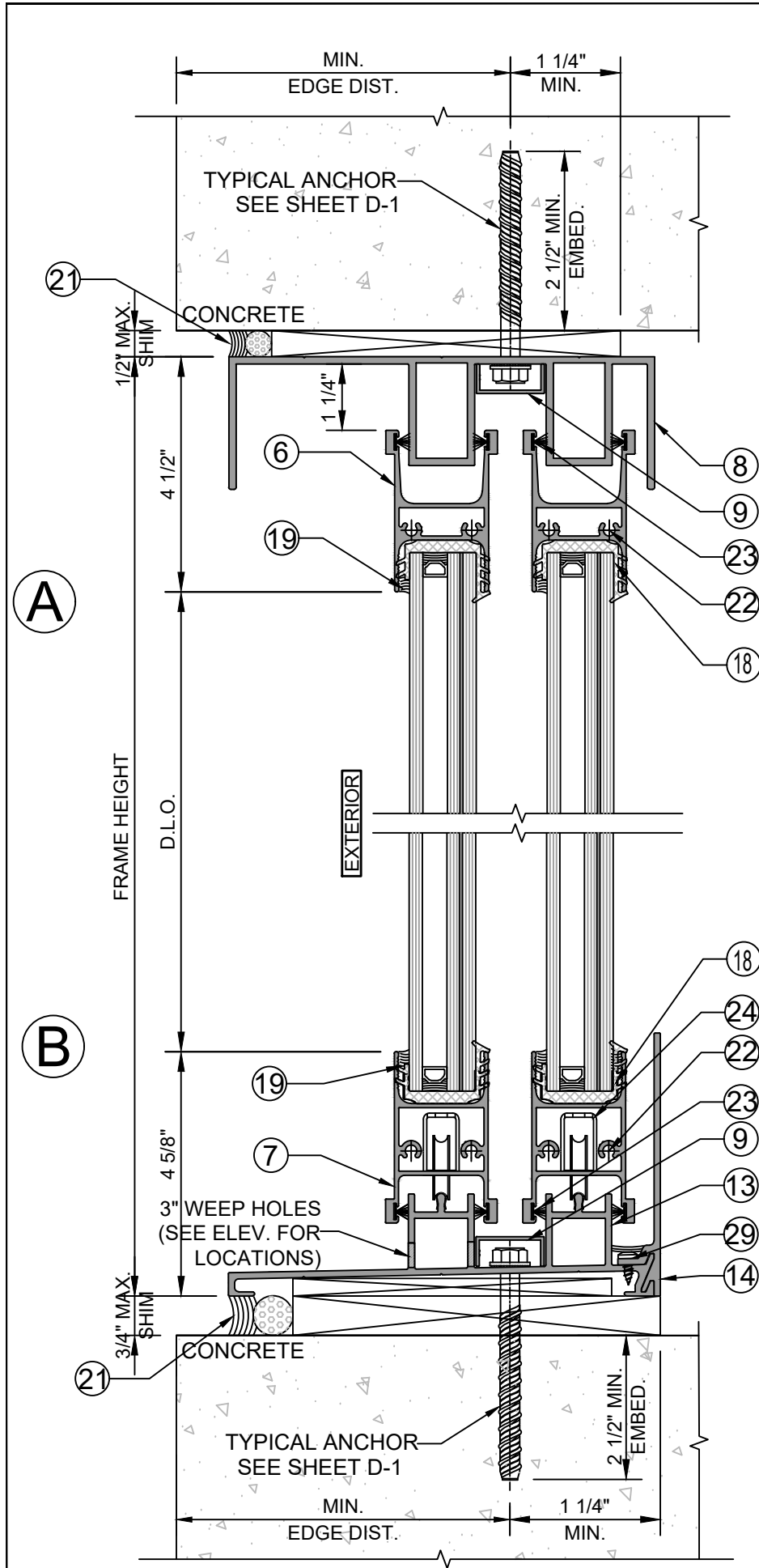
FL#37888

DATE	04.19.21
SCALE	AS NOTED
DRAWN	MCY
PROJECT	

G-1

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AD21-04

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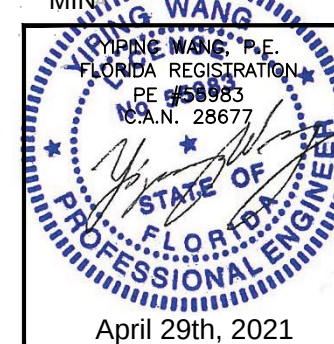
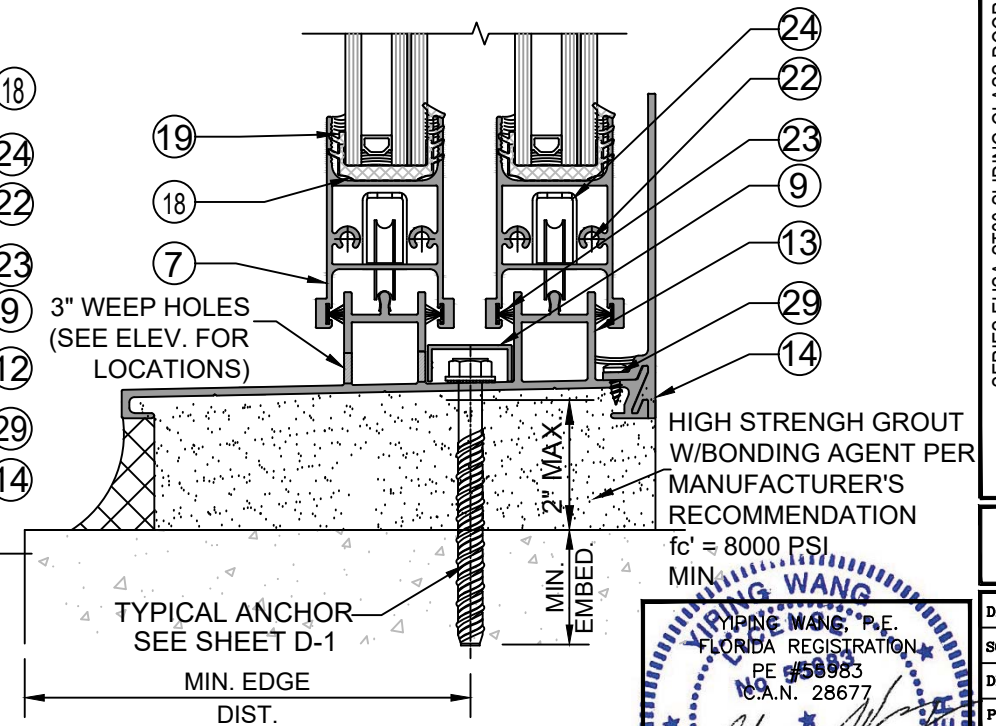
TYPICAL ANCHORS (FOR HEAD AND SILL):
(SEE ELEVATIONS FOR SPACING)

TYPE A: 3/8" DIA. HILTI KWIK HUS EZ (Fu = 120.3 KSI, Fy = 95.7 KSI)
2 1/2" MIN. EMBED DIRECTLY INTO CONCRETE fc'=3000psi MIN.
3" MIN. EDGE DISTANCE

TYPE B: 3/8" DIA. ELCO TAP-FLEX INTO 1/8" MIN. THK. STEEL (A36 MIN.)
OR 3/8" DIA. MACHINE BOLTS GRADE 5
(Fu = 120 KSI, Fy = 92 KSI)
1 1/2" MIN. EDGE DISTANCE

SEALANTS:

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



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SERIES EUSA-ST30 SLIDING GLASS DOOR (SMI)
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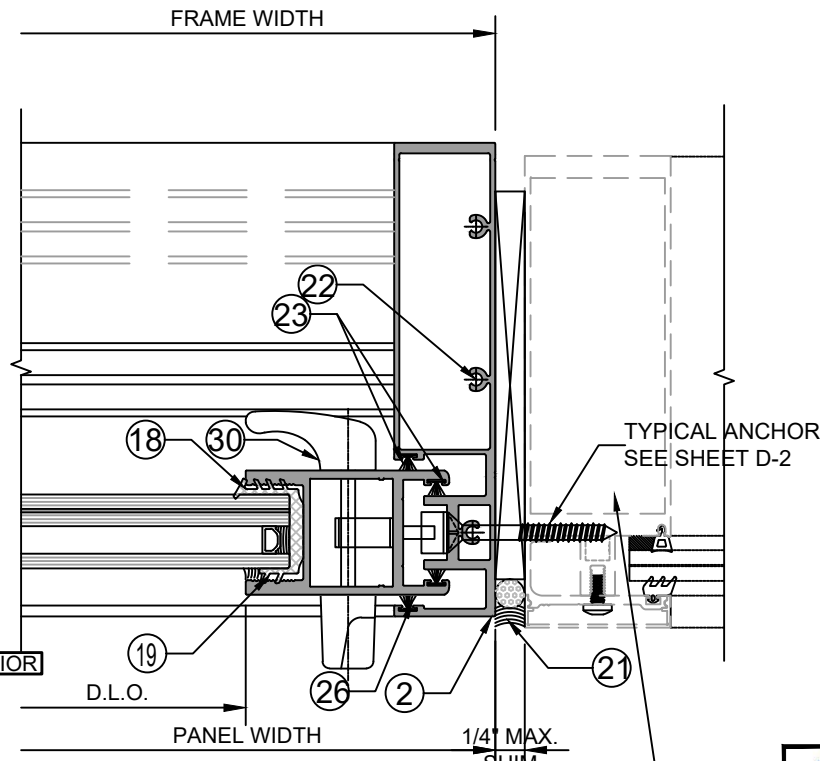
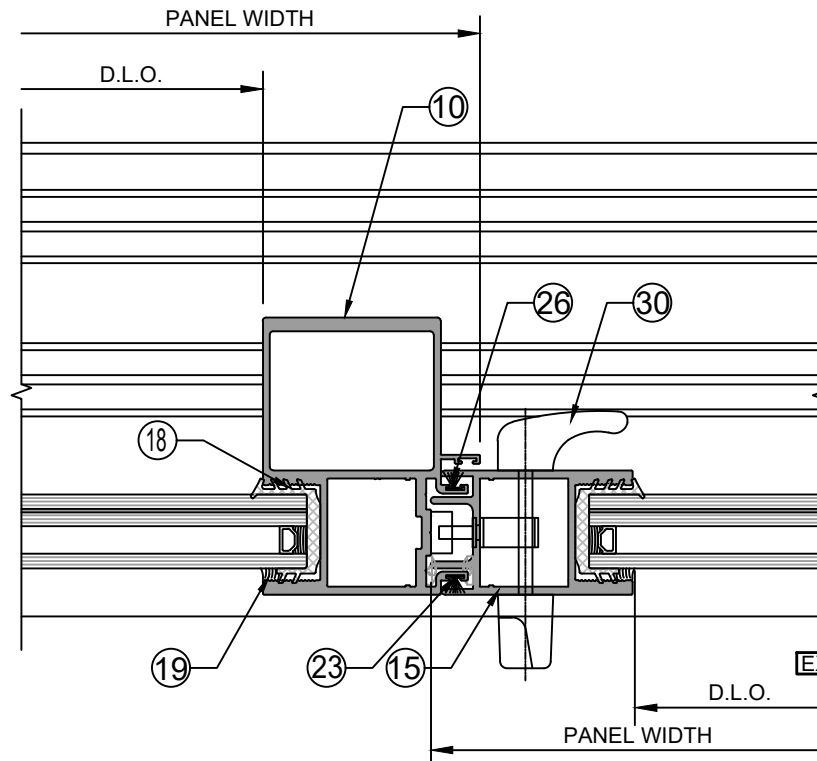
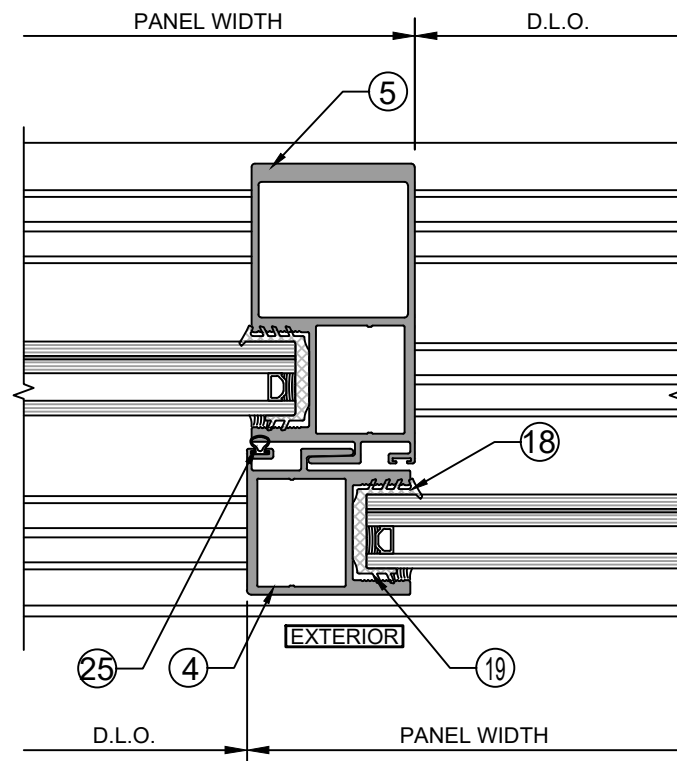
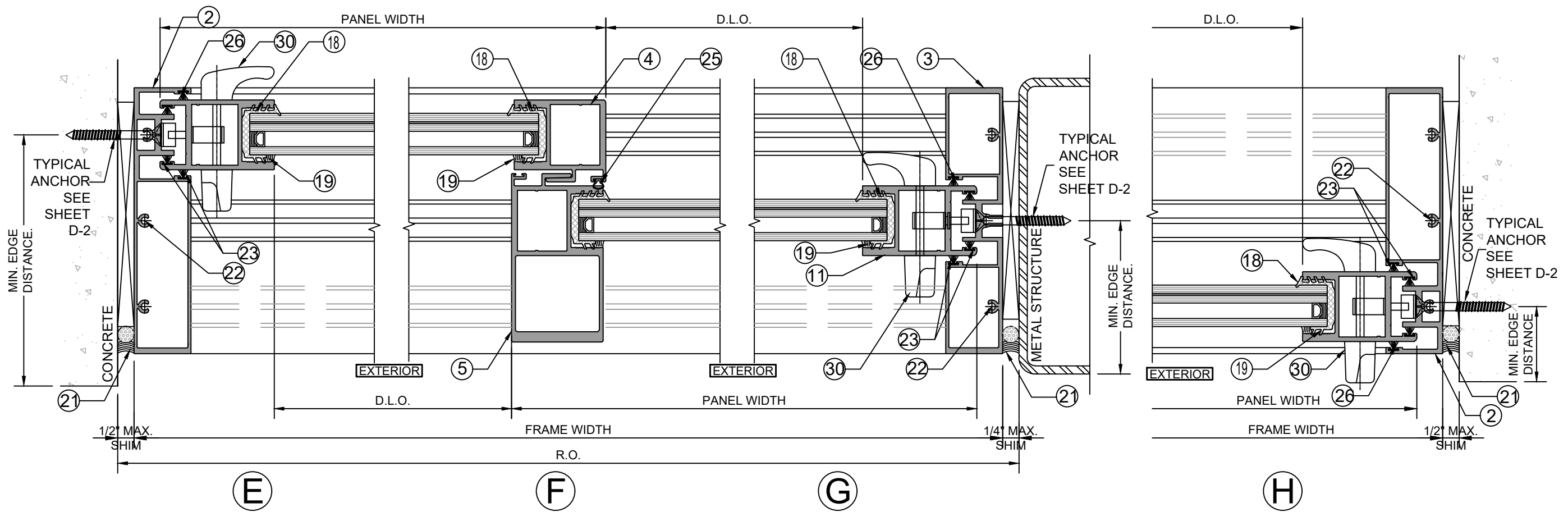
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PROJECT	

D-1

DRAWING NO.
AD21-04

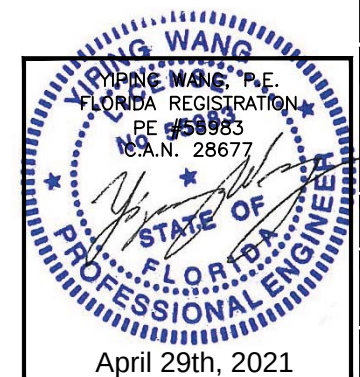
7 OF 16



TYPICAL ANCHORS (FOR JAMB):
(SEE ELEVATION FOR TYPICAL SPACING)

- ANCHOR TYPE J1:
5/16" DEWALT ULTRACON (Fy=155KSI, Fu=177KSI)
WITH 1-3/4" EMBEDMENT AND 3" EDGE DISTANCE
INTO CONCRETE (f_c=3000 PSI MIN.)
- ANCHOR TYPE J2:
5/16" DEWALT ULTRACON (Fy=155KSI, Fu=177KSI)
WITH 1-3/4" EMBEDMENT AND 3" EDGE DISTANCE
INTO GROUT FILLED BLOCK (f_m=2000 PSI MIN.)
- ANCHOR TYPE J3:
5/16" DRILFLEX (Fy=92KSI, Fu=120KSI)
INTO 0.090" THK. METAL STRUCTURE (STEEL
ASTM A36)

SEE SEPARATE APPROVALS FOR DESIGN
LOAD CAPACITIES ON WINDOW WALL
MULLION. LOWER CAPACITY OF BOTH
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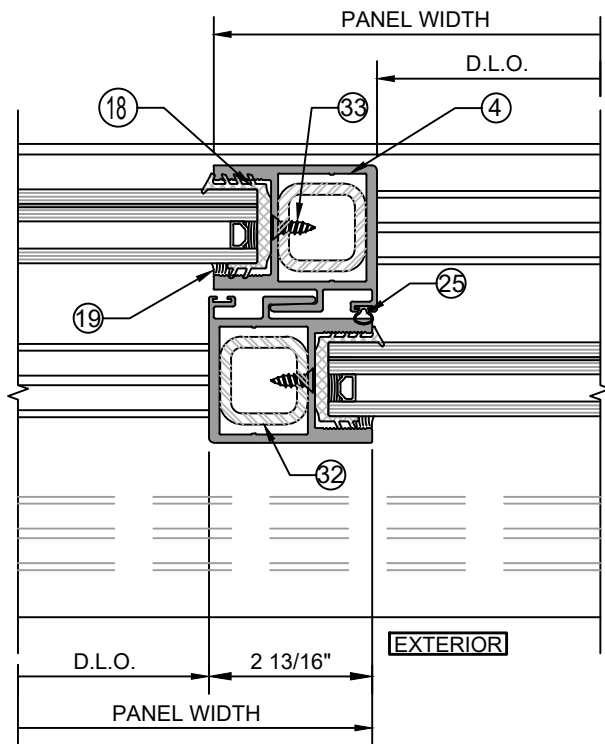
MCY
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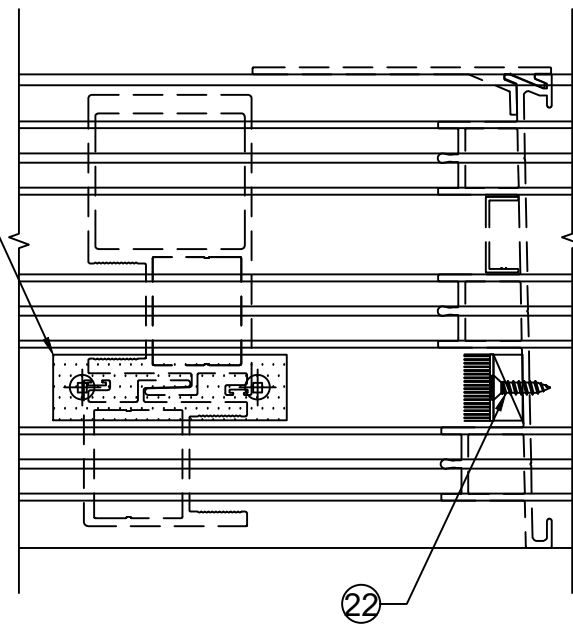
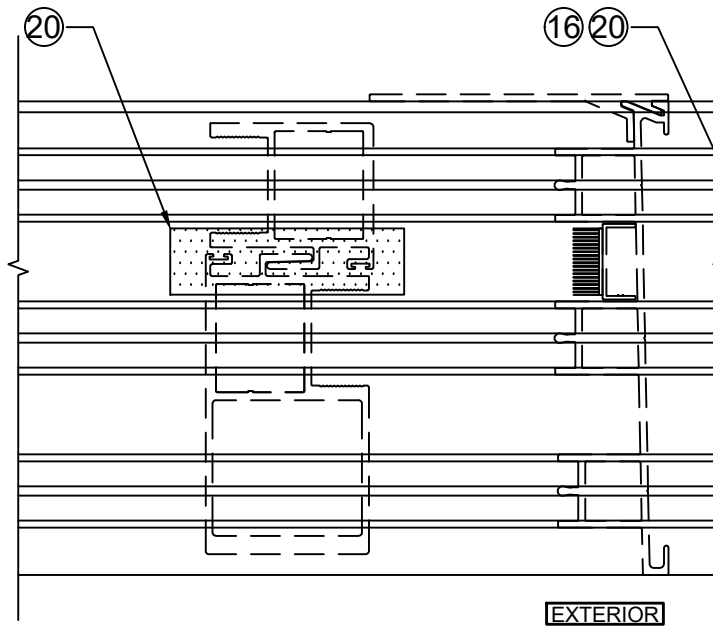
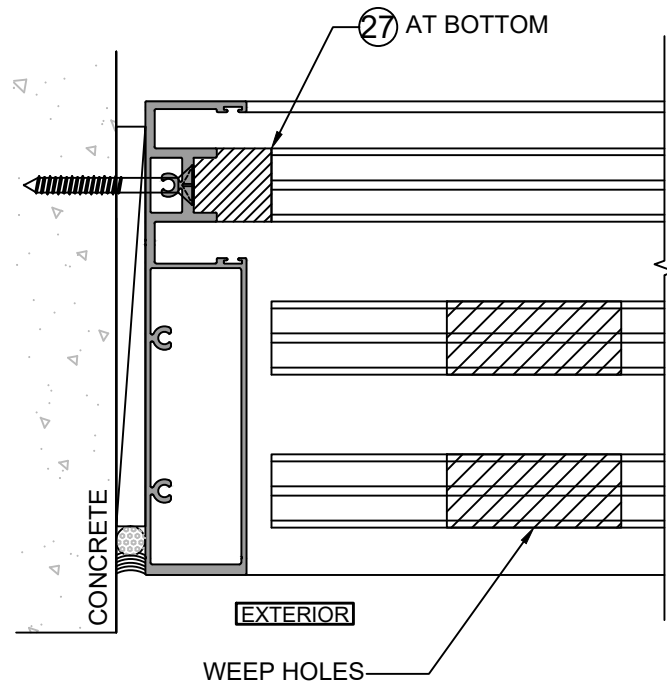
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DATE 04.19.21
SCALE AS NOTED
DRAWN MCY
PROJECT

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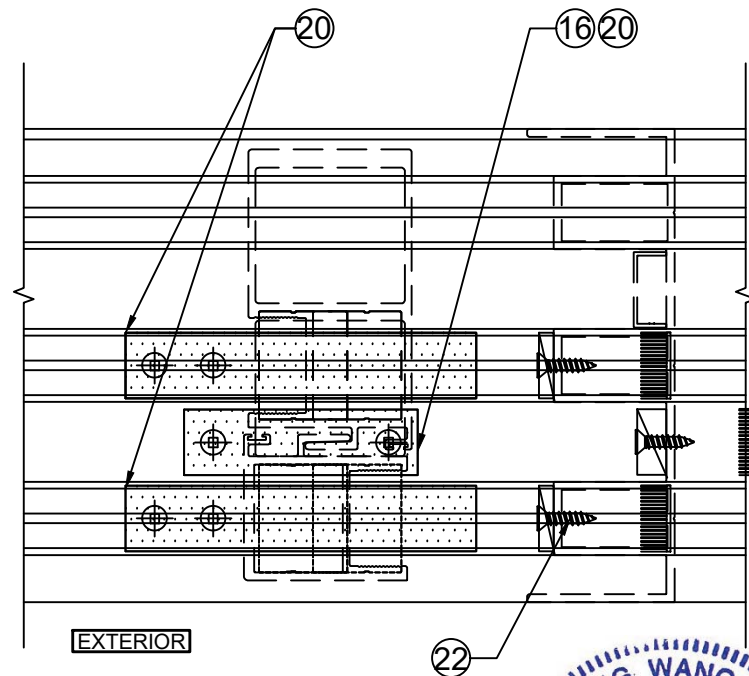
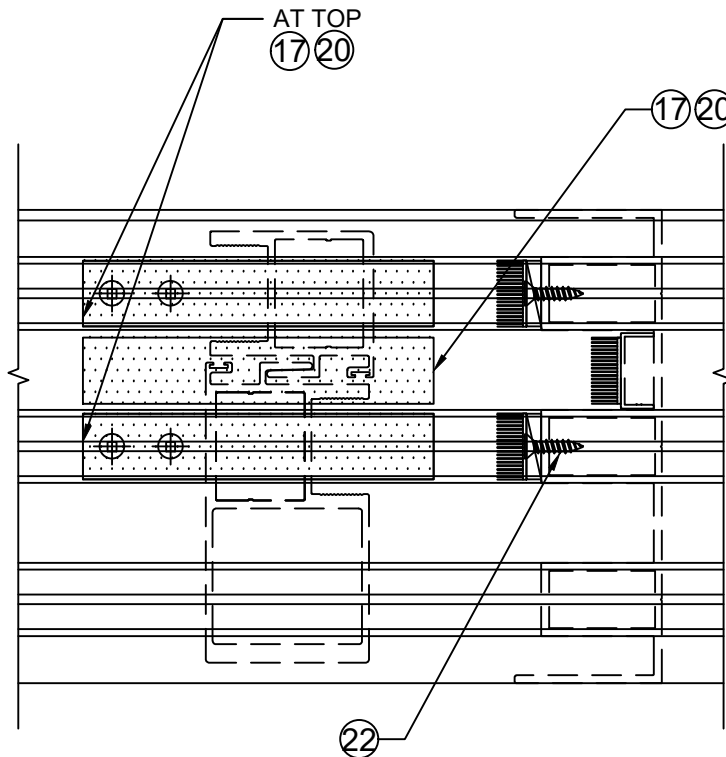
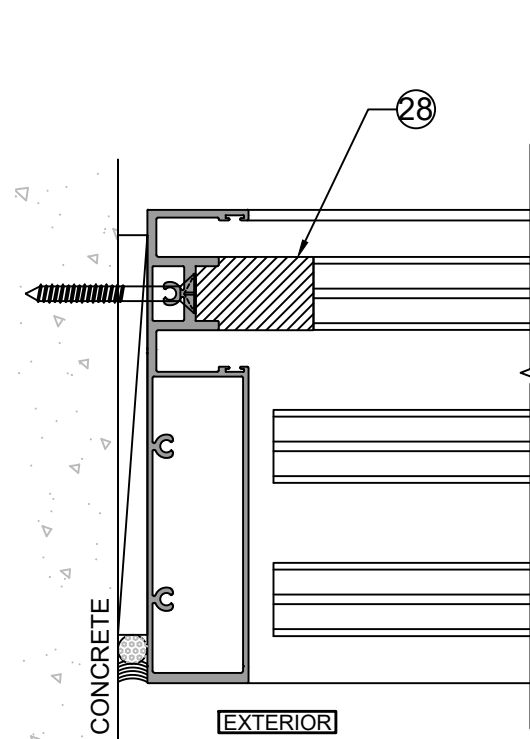
WEATHERSTRIPPING & WEEP HOLE LOCATIONS



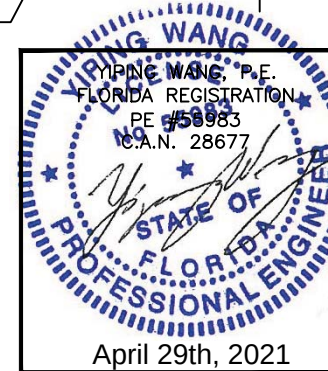
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SILL DETAIL



HEAD DETAIL



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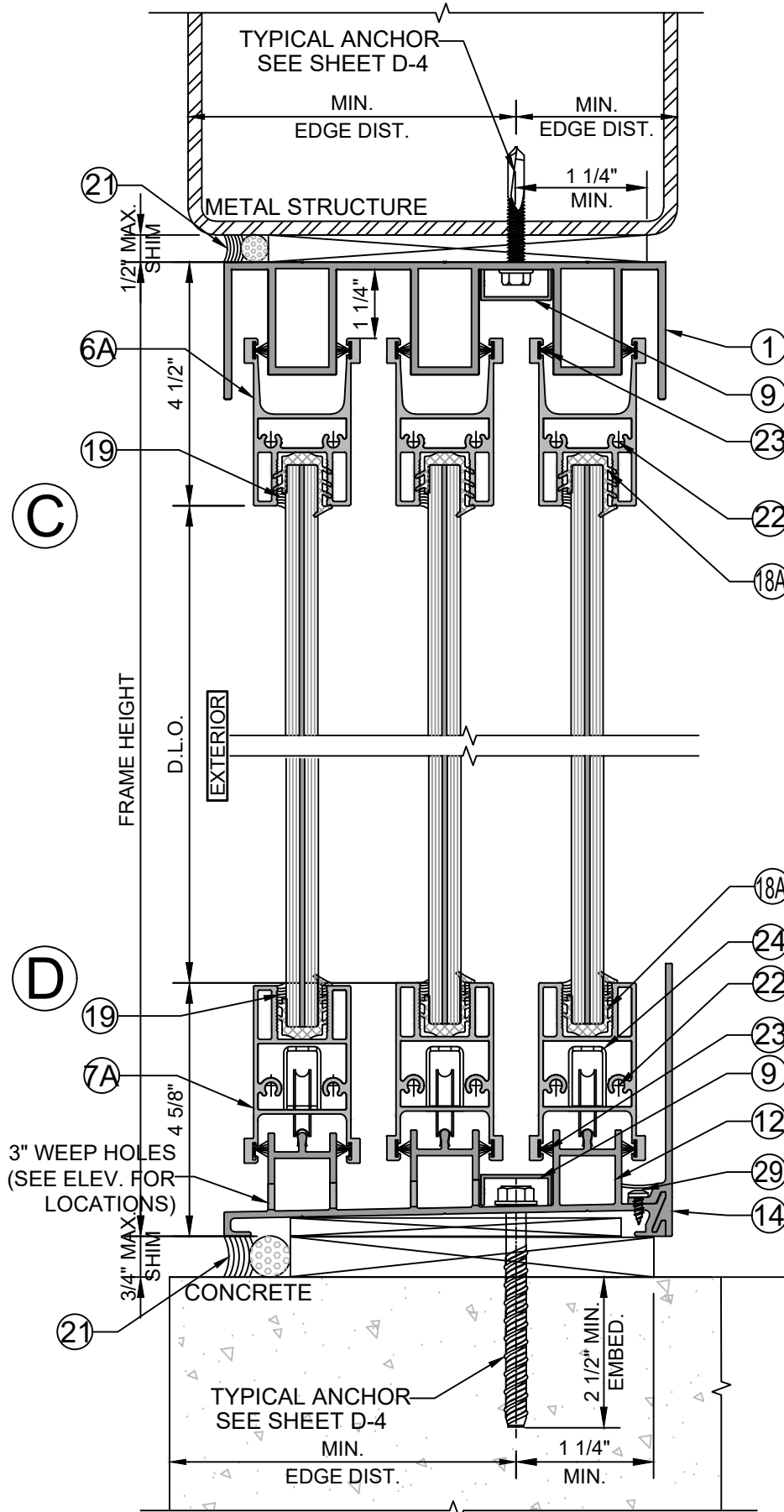
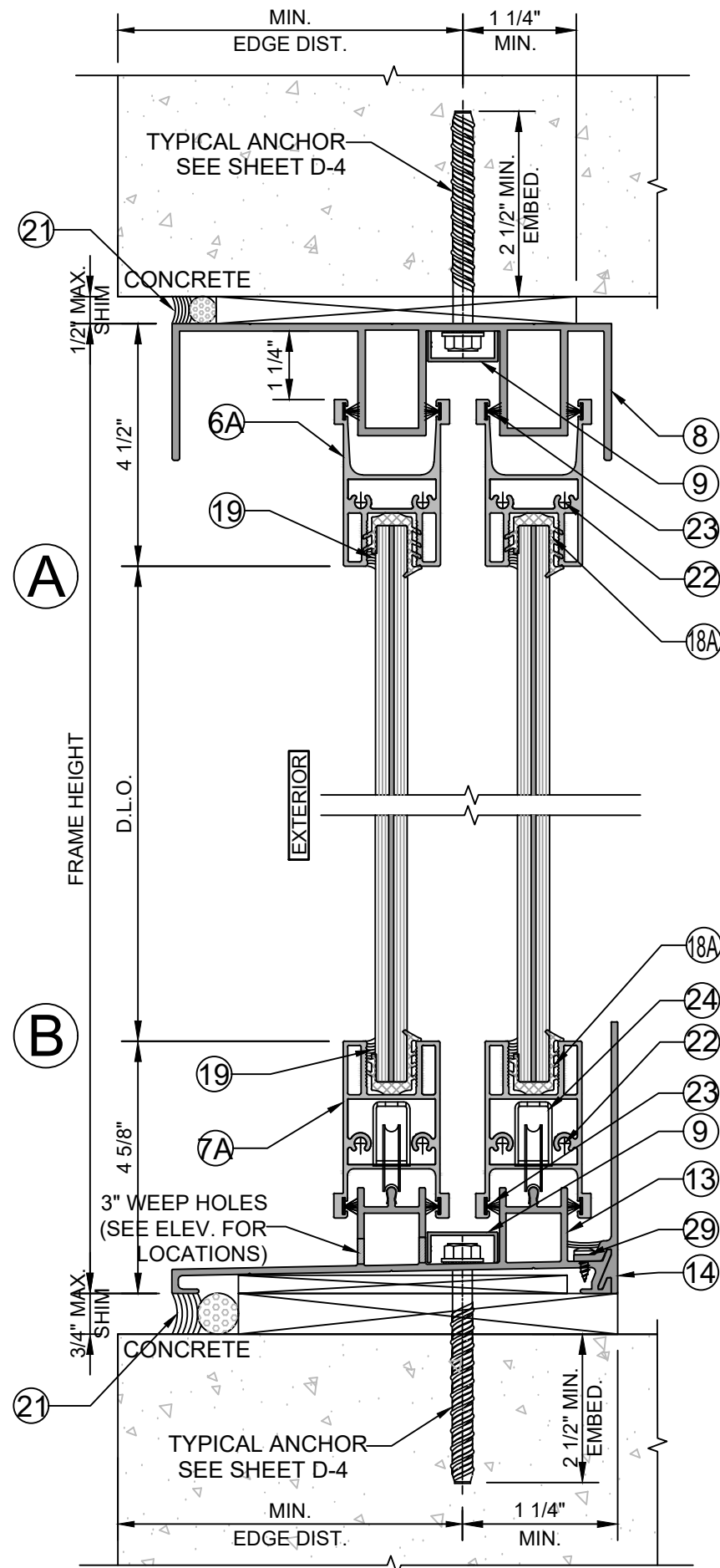
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DATE	04.19.21
SCALE	AS NOTED
DRAWN	MCY
PROJECT	

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DRAWING NO.
AD21-04

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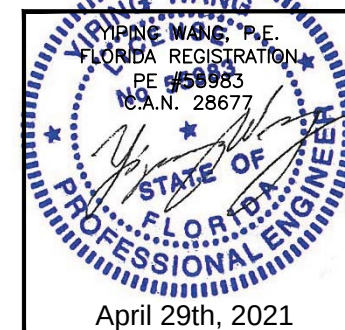
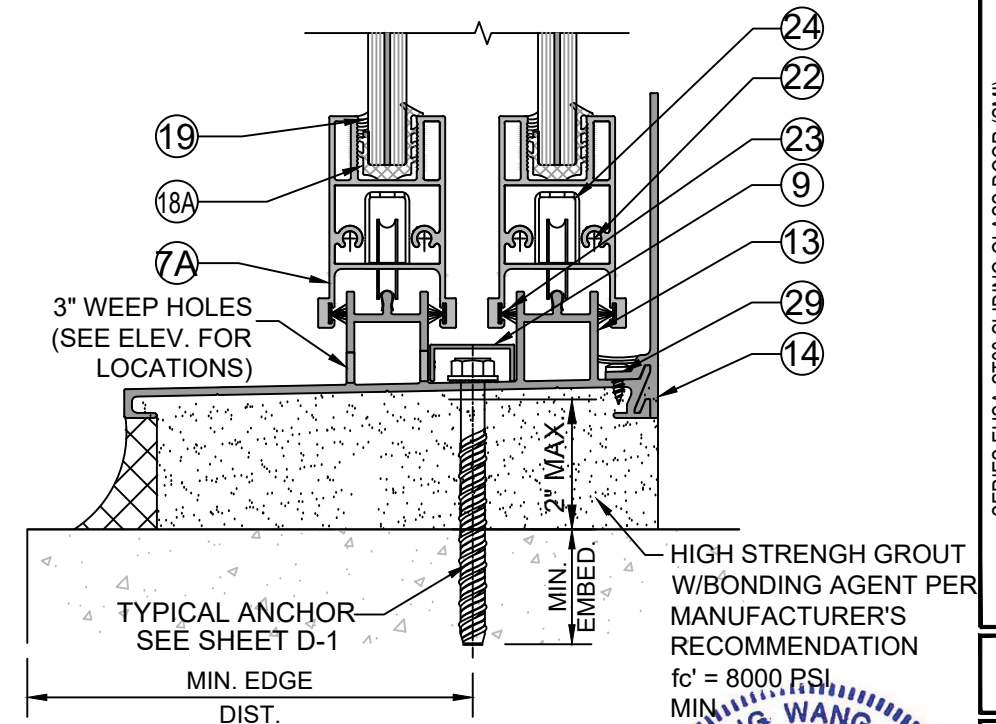
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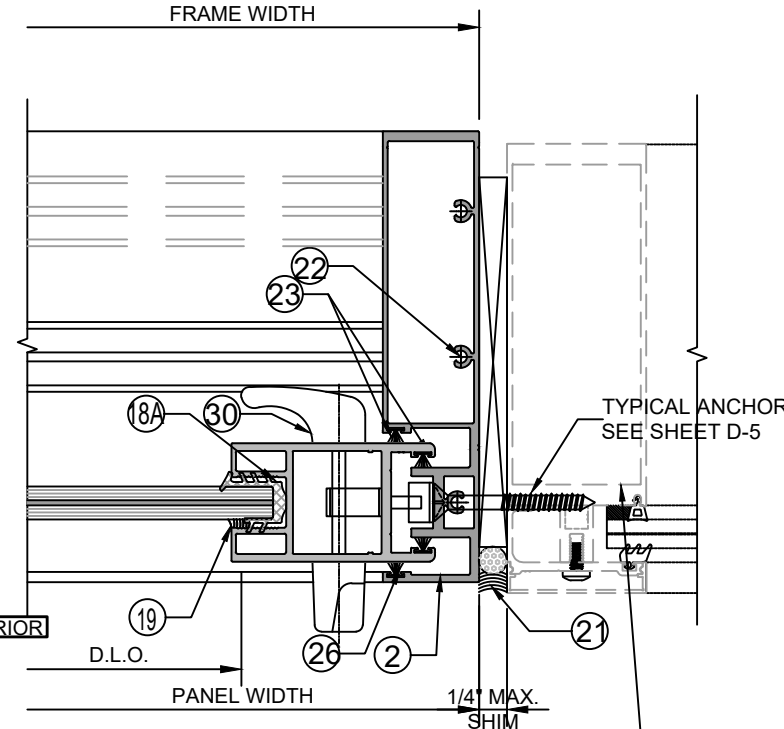
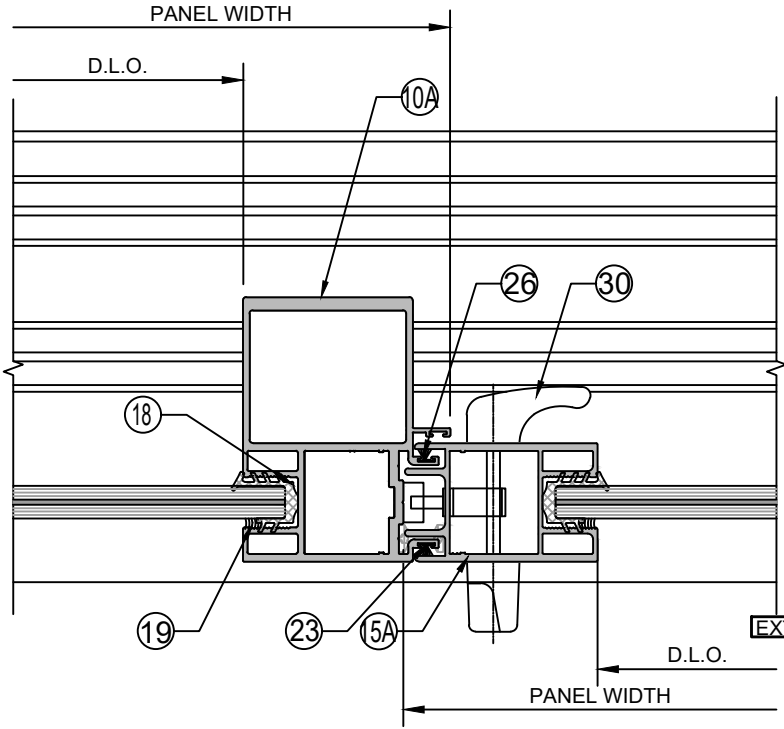
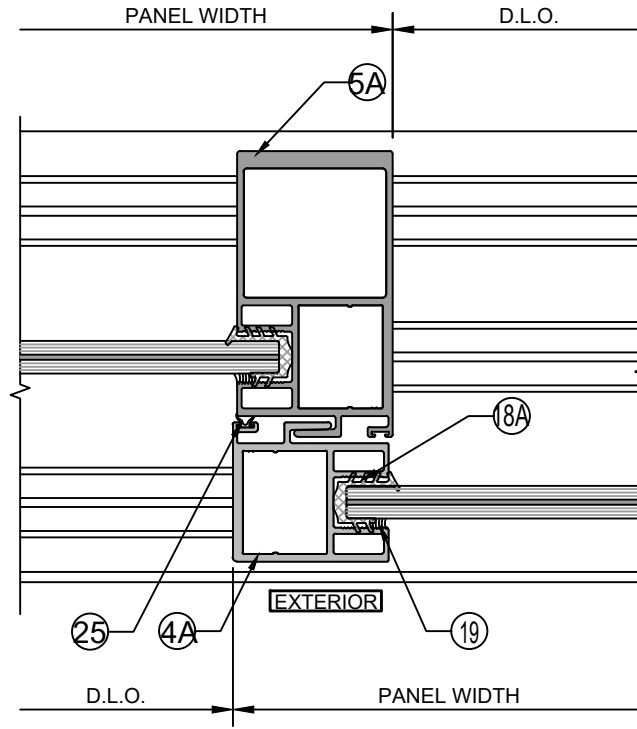
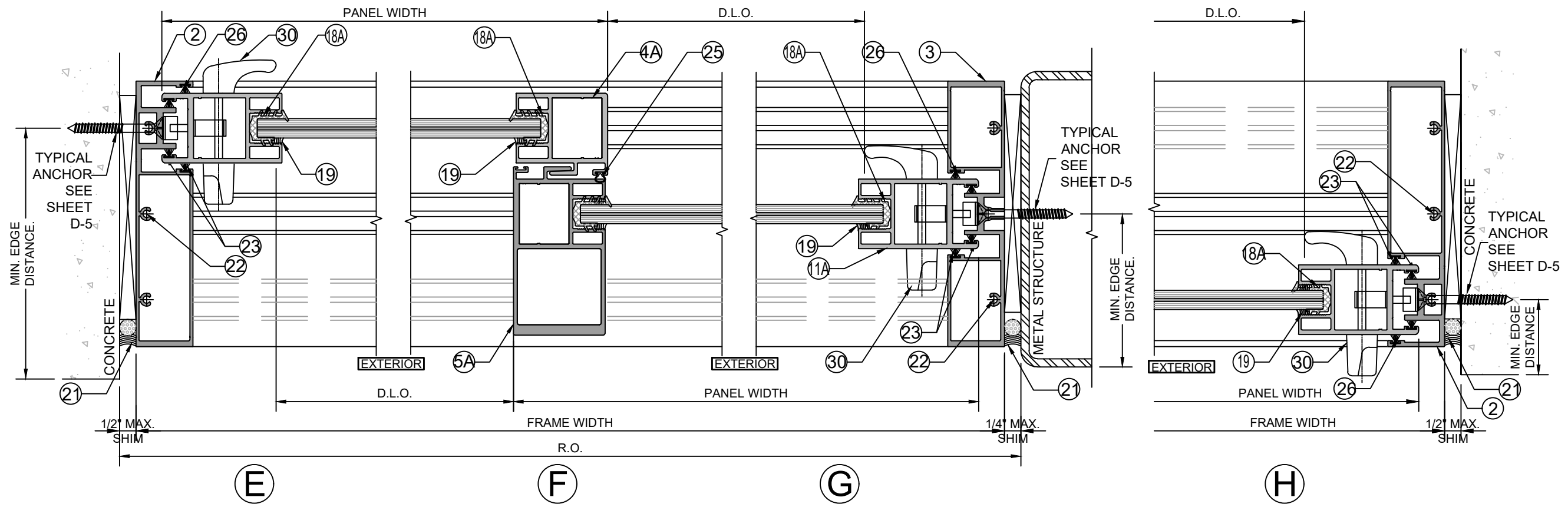
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DATE	04.19.21
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PROJECT	

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DRAWING NO.
AD21-04

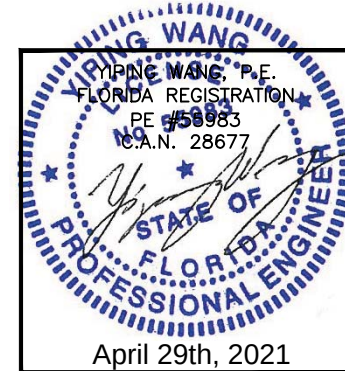
10 OF 16



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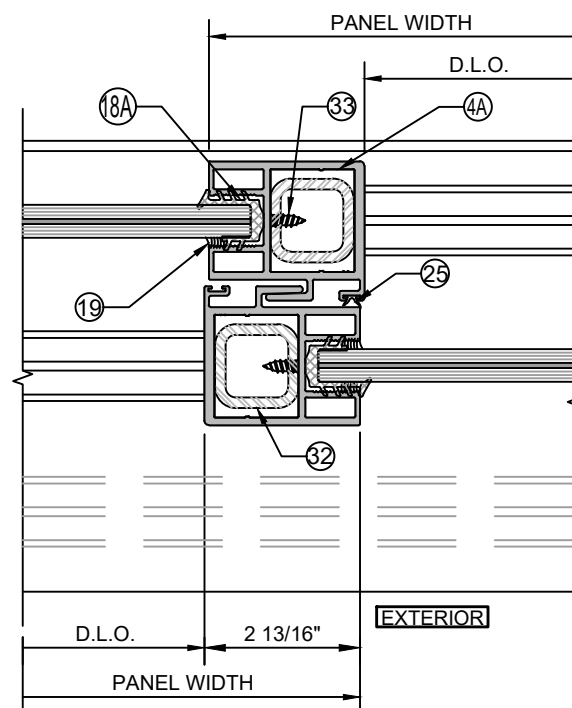
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DATE	04.19.21
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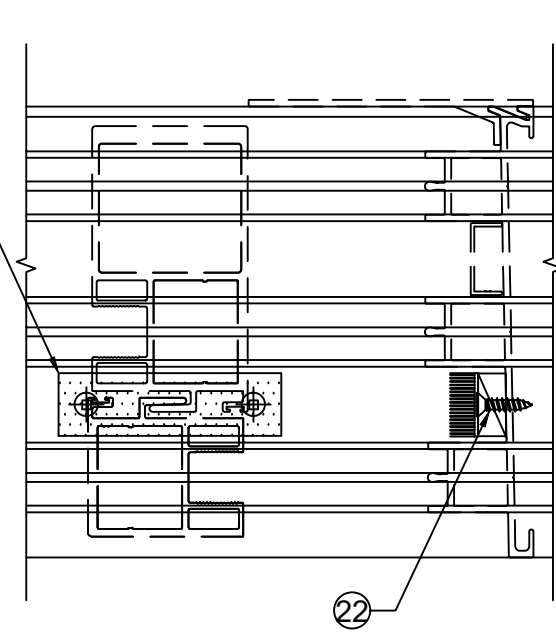
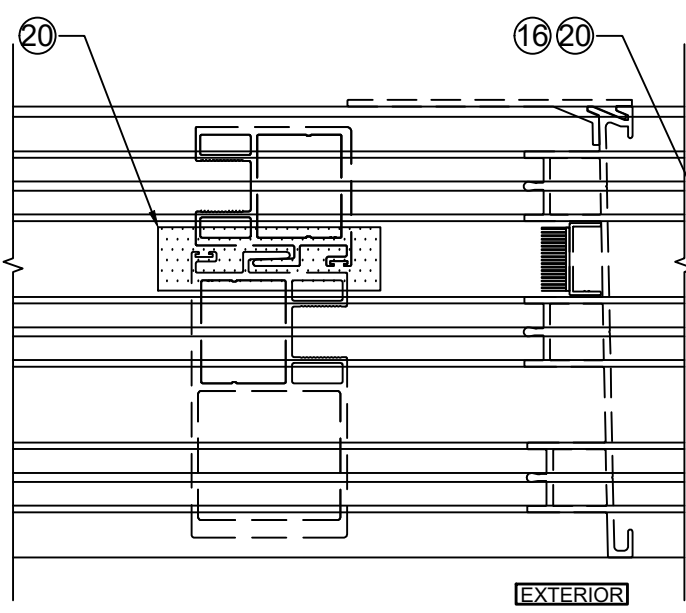
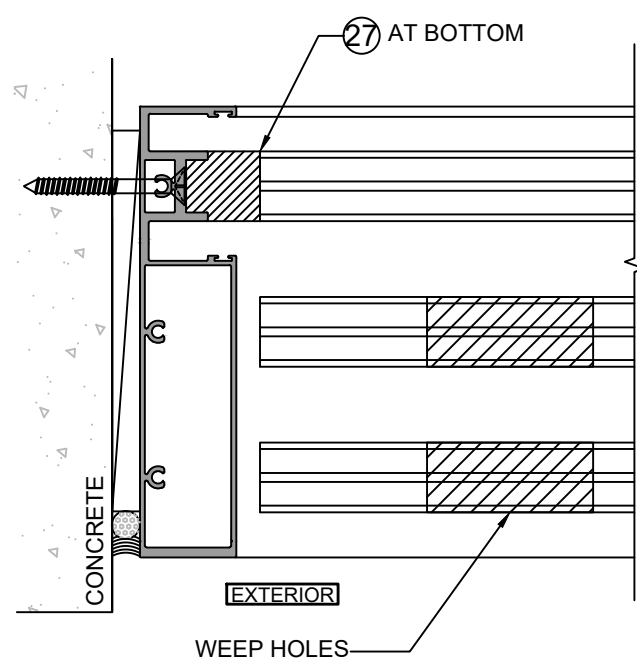
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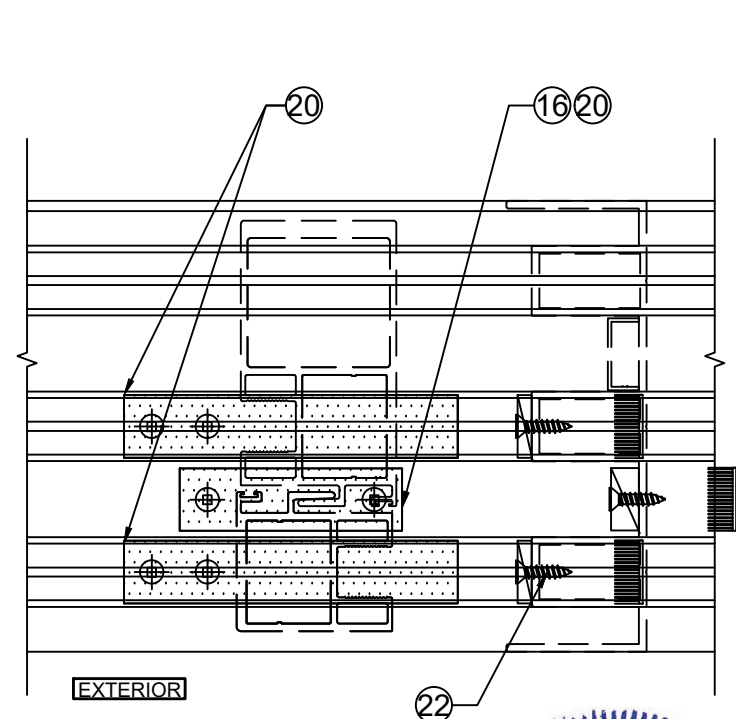
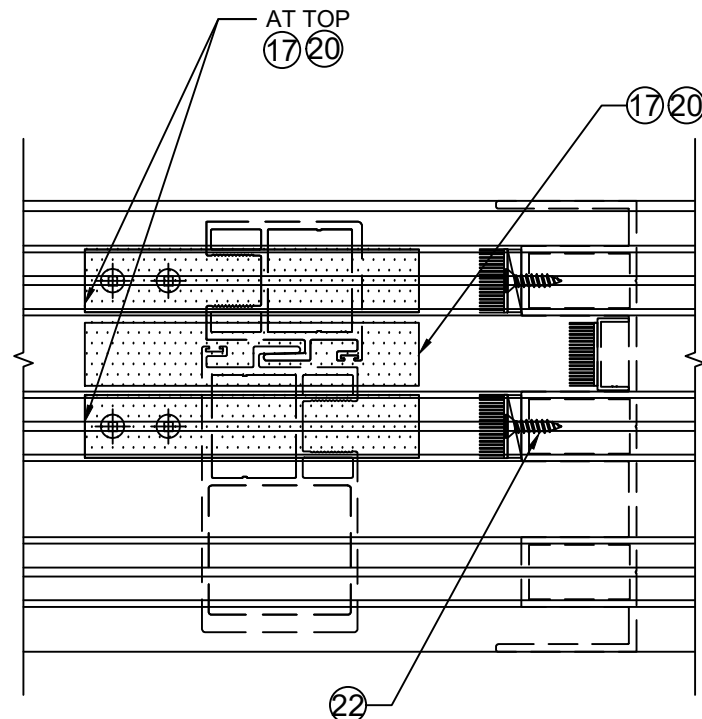
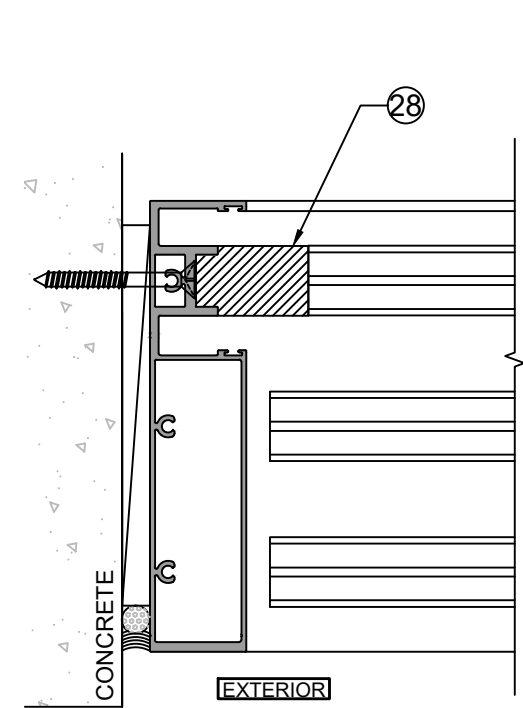


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WEATHERSTRIPPING & WEEP HOLE LOCATIONS



SILL DETAIL



HEAD DETAIL

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D-6

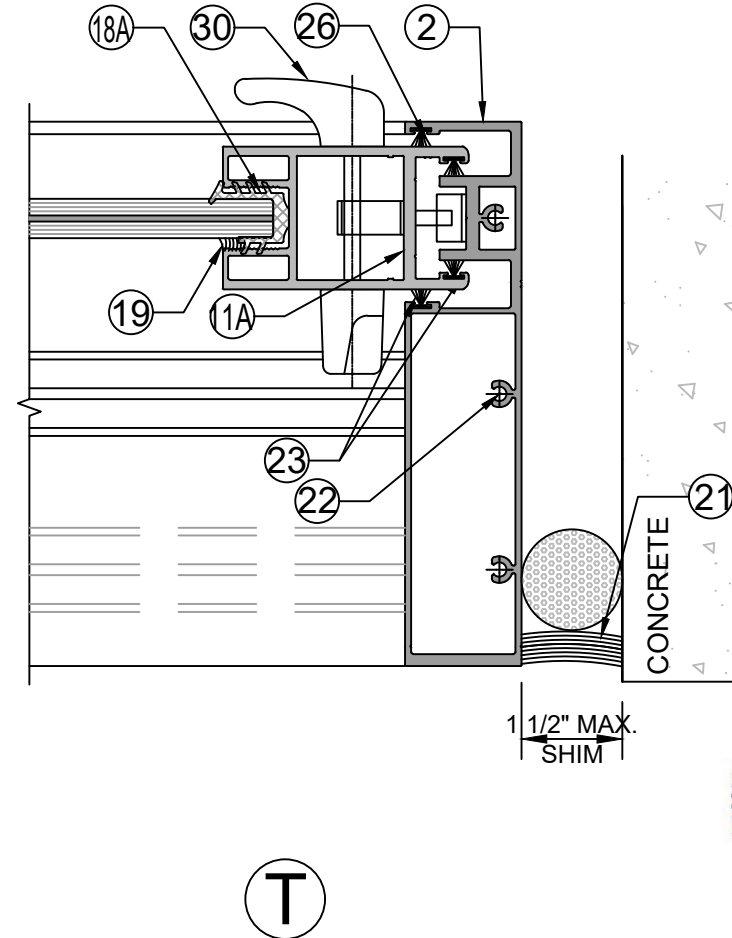
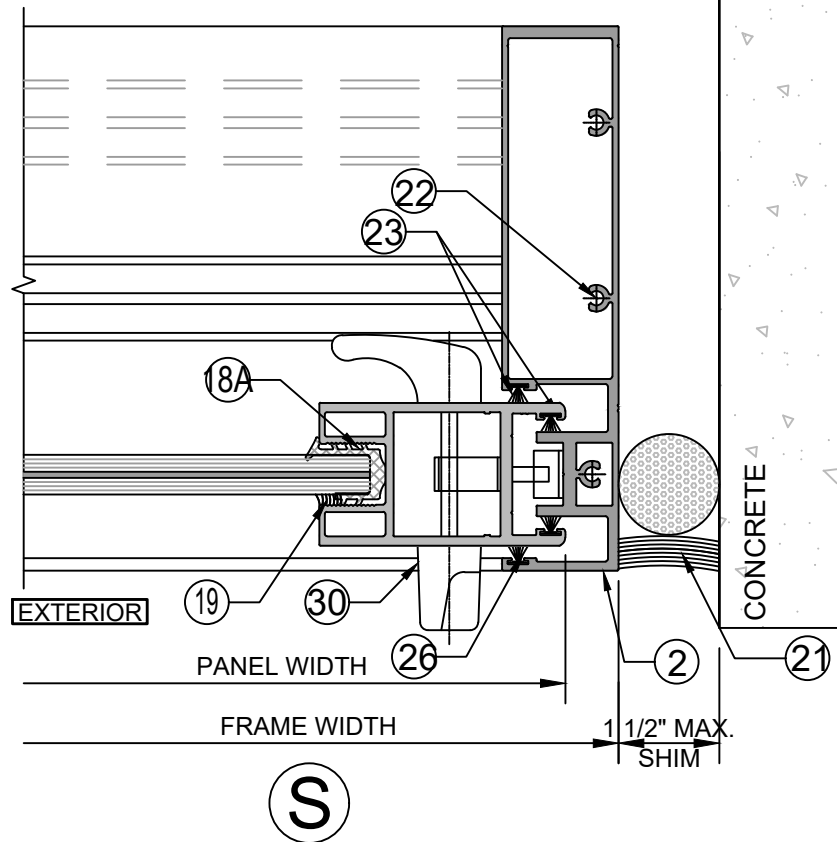
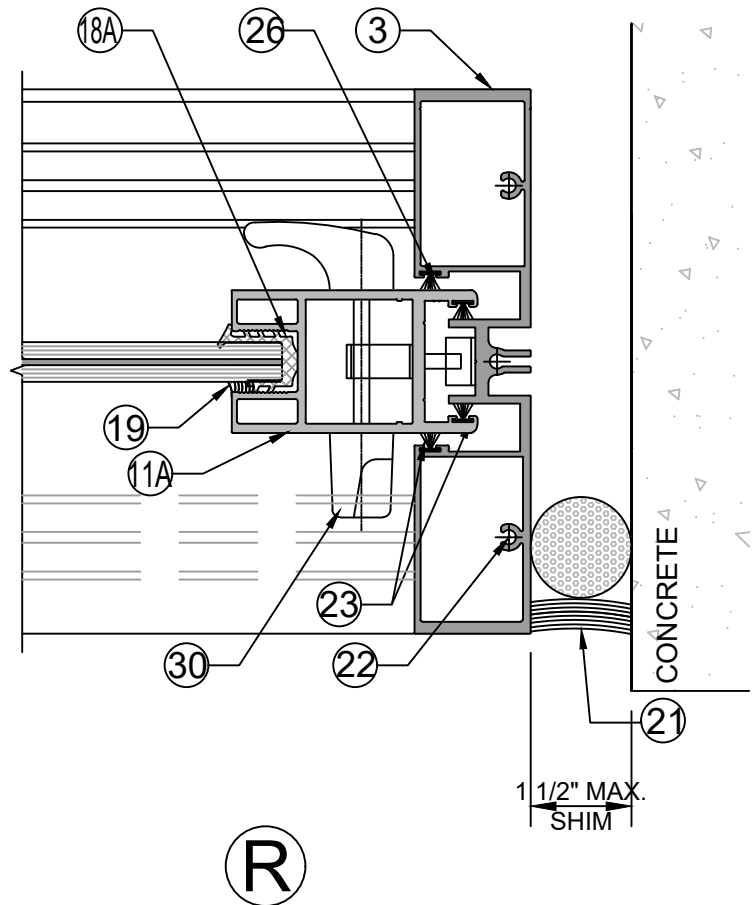
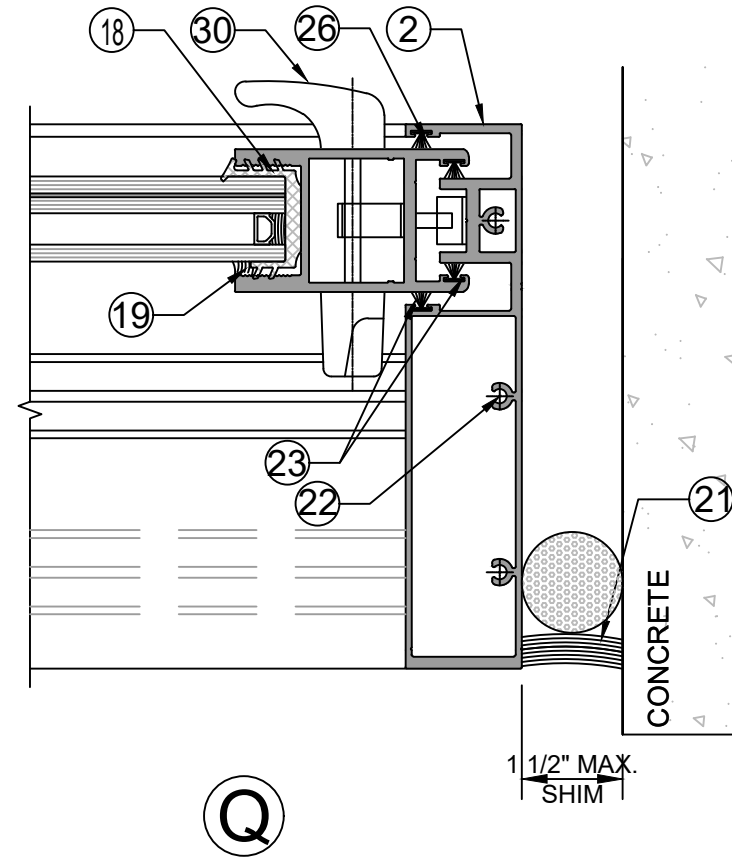
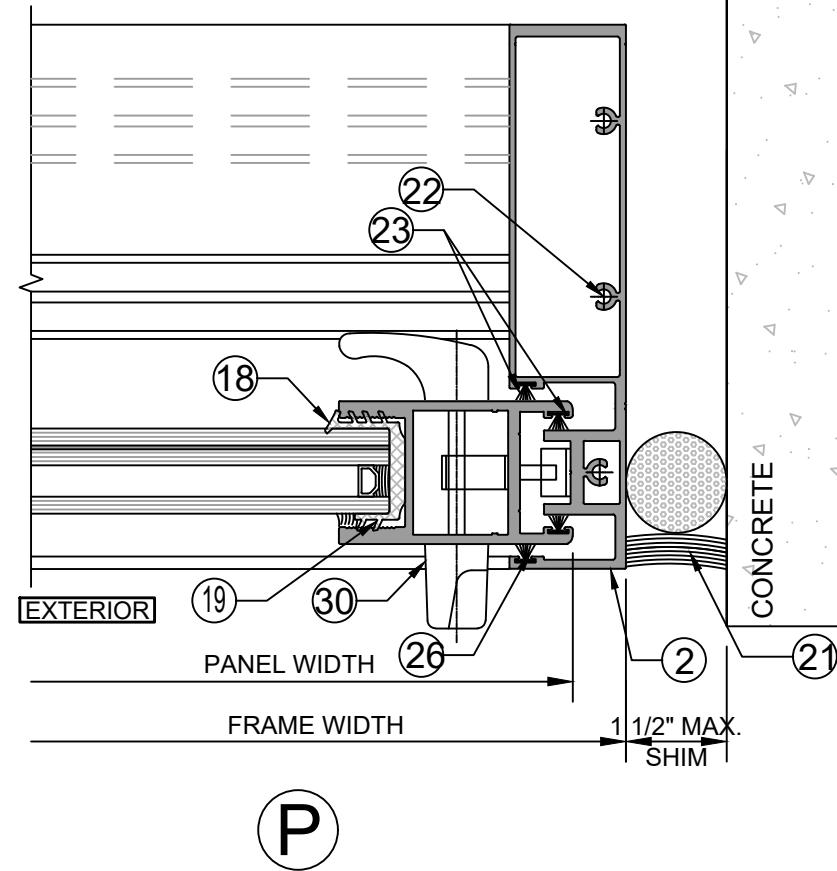
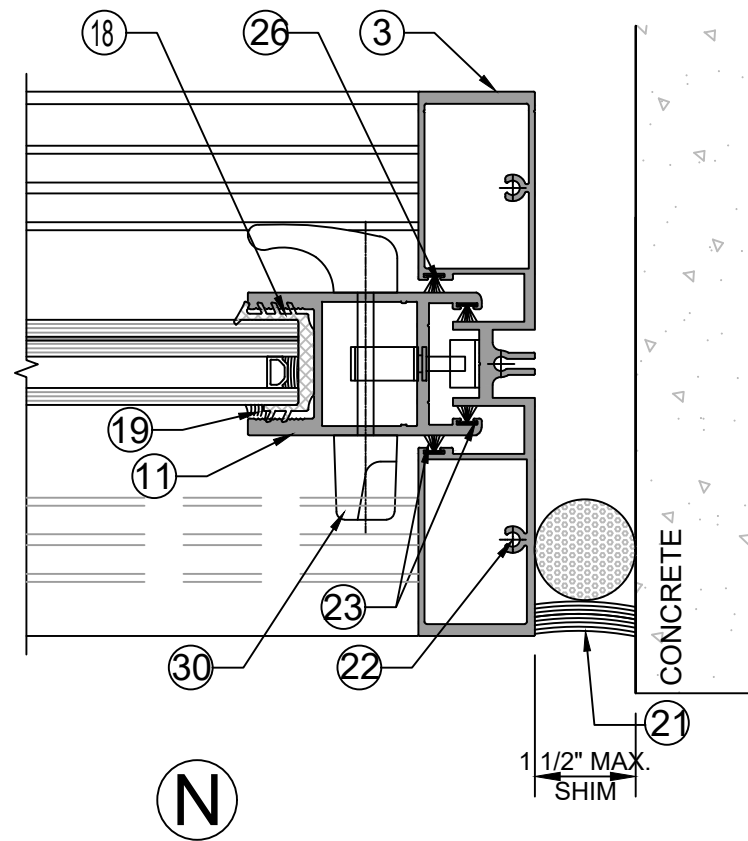
DRAWING NO.
AD21-04

12 OF 16

YIPING WANG
YIPING WANG, P.E.
FLORIDA REGISTRATION
PE #53983
C.A.N. 28677

STATE OF FLORIDA
PROFESSIONAL ENGINEER

April 29th, 2021



NO.	DATE	DESCRIPTION
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YIPING WANG, P.E.
FLORIDA REGISTRATION
PE #53983
C.A.N. 28677

STATE OF FLORIDA
PROFESSIONAL ENGINEER

April 29th, 2021

① FRAME HEAD
(# 10302) 6063-T6

② FRAME JAMB
(# 10303) 6063-T6

③ FRAME JAMB
(# 10304) 6063-T6

④ INTERLOCK STILE
(# 10306) 6063-T6

④A INTERLOCK STILE
(# 10320) 6063-T6

⑤ STIFF INTERLOCK(SYSTEM 2 ONLY)
(# 10307) 6063-T6

⑤A STIFF INTERLOCK(SYSTEM 2 ONLY)
(# 10321) 6063-T6

⑥ TOP RAIL
(# 10308) 6063-T6

⑥A TOP RAIL
(#10322) 6063-T6

⑦ MOVING BOTTOM RAIL
(# 10309) 6063-T6

⑦A MOVING BOTTOM RAIL
(# 10323) 6063-T6

⑧ FRAME HEAD
(# 10312) 6063-T6

⑨ ALUM COVER
(# 10313) 6063-T6

⑩ ASTRAGAL MEETING STILE
(# 10314) 6063-T6

⑩A ASTRAGAL MEETING STILE
(# 10324) 6063-T6

⑪ JAMB LOCK STILE
(# 10315) 6063-T6

⑪A JAMB LOCK STILE
(# 10325) 6063-T6

⑫ FRAME SILL
(# 10316) 6063-T6

⑬ FRAME SILL
(# 10317) 6063-T6

⑭ ALUM. STOPPER PLATE
(# 10318) 6063-T6

⑮ LOCK MEETING STILE
(# 10026) 6063-T6

⑮A LOCK MEETING STILE
(# 10015) 6063-T6

⑯ PVC BLOCK

⑰ ULTRAFAB WTSP PILE
(#W71395N400B)

⑲ TREMCO VINYL
(# 91002) VINYL

⑲A ULTRAFAB WTSP PILE
(# W31305NG000G)

⑲B RUBBER BLOCK
(# 91014)

⑲C PVC BLOCK

⑲D GLAZING GASKET(1 5/16" GLASS)
(# 91012A) EPDM

⑲E GLAZING GASKET(9/16" GLASS)
(# 91011) EPDM

⑲F 1 1/2" X 1 1/2" X 3 3/16" STEEL TUBE
REINFORCING, A36 MIN.

REVISIONS

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PARTS

DRAWING NO.	AD21-04
14 OF 16	

YIPING WANG, P.E.
FLORIDA REGISTRATION
PE #53983
C.A.N. 28677

APR 29 2021

April 29th, 2021

BILL OF MATERIALS

ITEM #	PROFILE	DESCRIPTION	MATERIAL	MANUFACTURER/REMARKS
1	10302	ALUM. STACKABLE SGD HEAD - 3 TRACKS	ALUM. 6063-T6	VARIES
2	10303	ALUM. STACKABLE SGD 3-PANEL JAMBS	ALUM. 6063-T6	VARIES
3	10304	ALUM. STACKABLE SGD 2-PANEL JAMB	ALUM. 6063-T6	VARIES
4	10306	ALUM. STACKABLE SGD PANEL JAMB AT MEETING RAIL	ALUM. 6063-T6	VARIES
4A	10320	ALUM. STACKABLE SGD PANEL JAMB AT MEETING RAIL	ALUM. 6063-T6	VARIES
5	10307	ALUM. STACKABLE SGD REINFORCED PANEL JAMB AT MEETING RAIL	ALUM. 6063-T6	VARIES
5A	10321	ALUM. STACKABLE SGD REINFORCED PANEL JAMB AT MEETING RAIL	ALUM. 6063-T6	VARIES
6	10308	ALUM. STACKABLE SGD PANEL HEAD	ALUM. 6063-T6	VARIES
6A	10322	ALUM. STACKABLE SGD PANEL HEAD	ALUM. 6063-T6	VARIES
7	10309	ALUM. STACKABLE SGD PANEL SILL	ALUM. 6063-T6	VARIES
7A	10323	ALUM. STACKABLE SGD PANEL SILL	ALUM. 6063-T6	VARIES
8	10312	ALUM. STACKABLE SGD HEAD - 2 TRACKS	ALUM. 6063-T6	VARIES
9	10313	ALUM. STACKABLE SGD-SCREW COVER	ALUM. 6063-T6	VARIES
10	10314	ALUM. STACKABLE SGD OPERABLE PANEL JAMB (REINF.) AT ASTRAGAL	ALUM. 6063-T6	VARIES
10A	10324	ALUM. STACKABLE SGD OPERABLE PANEL JAMB (REINF.) AT ASTRAGAL	ALUM. 6063-T6	VARIES
11	10315	ALUM. OPERABLE/FIXED PANEL JAMB	ALUM. 6005-T5	VARIES
11A	10325	ALUM. OPERABLE/FIXED PANEL JAMB	ALUM. 6005-T5	VARIES
12	10316	ALUM. STACKABLE SGD SILL - 3 TRACK	ALUM. 6063-T6	VARIES
13	10317	ALUM. STACKABLE SGD SILL - 2 TRACK	ALUM. 6063-T6	VARIES
14	10318	ALUM. STACKABLE SGD SILL	ALUM. 6063-T6	VARIES
15	10026	ALUM. OPERABLE PANEL JAMB AT ASTRAGAL	ALUM. 6063-T6	VARIES
15A	10015	ALUM. OPERABLE PANEL JAMB AT ASTRAGAL	ALUM. 6063-T6	VARIES
16	-	4" X 1 1/8" X 1/2" PVC BLOCK	PVC	VARIES
17	-	6" X 1 1/8" X 1/2" PVC BLOCK	PVC	VARIES
18	91012A	SMI SPACER GASKET - TREMCO (CONTINUOUS)	EPDM DURO 60 ±5	VARIES
18A	91011	SMI SPACER GASKET - TREMCO (CONTINUOUS) (9/16" GLASS)	EPDM DURO 60 ±5	VARIES
19	-	PROGLAZE II (TREMCO), DOW CORNING DC983 OR GE 4000SG	SILICONE	TREMCO
20	-	WEATHERSTRIPPING	-	VARIES
21	-	BACKER ROD & SEALANT DOW CORNING DC795 (OR EQUAL)	-	VARIES
22	-	#14 HH SS ASSEMBLY SCREWS - 1" LG.	ST/ST	VARIES
23	-	MOHAIR - ULTRAFAB #W71395NK000B	POLYPROPYLENE	ULTRAFAB
24	-	ROLLER INTERLOCK PRO3-6000	304 SS	VARIES
25	91002	TREMCO VINYL	VINYL	TREMCO
26	-	MOHAIR - ULTRAFAB #W31305NG000G	POLYPROPYLENE	ULTRAFAB
27	91014	RUBBER BLOCK 1 5/16" LONG	SILICONE	VARIES
28	91014A	RUBBER BLOCK 2" LONG	SILICONE	VARIES
29	-	#8 X 5/8" PH SS ASSEMBLY SCREWS - @ 3" FROM ENDS AND 24" O.C.	ST/ST	VARIES
30	-	ALUM. HANDLE SET	-	VARIES
31	-	MOHAIR - ULTRAFAB #W31305NG000G	POLYPROPYLENE	ULTRAFAB
32	-	1 1/2" X 1 1/2" X 3/16" STEEL TUBE (FULL LENGHT)	STEEL A36 MIN.	VARIES
33	-	#14 FH SS SCREWS, 1" LONG,(2) ANCHORS AT MID-SPAN, 2" APART	ST/ST	VARIES

REVISIONS	
NO.	DESCRIPTION
1	01-03-2021
2	04-19-2021

MCY

ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PARKWAY #301
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SERIES EUSA-ST30 SLIDING GLASS DOOR (SMI)

GLOBAL PERFORMANCE WINDOWS, INC.
DBA EPSYLON USA
2115 S.W. 2ND STREET, POMPAHO BEACH, FL 33069
TEL.: (954) 942-3322 FAX: (954) 942-3215

FL#37888

DATE	04.19.21
SCALE	AS NOTED
DRAWN	MCY
PROJECT	

BOM

DRAWING NO.
AD21-04

15 OF 16

YIPING WANG

YIPING WANG, P.E.

FLORIDA REGISTRATION

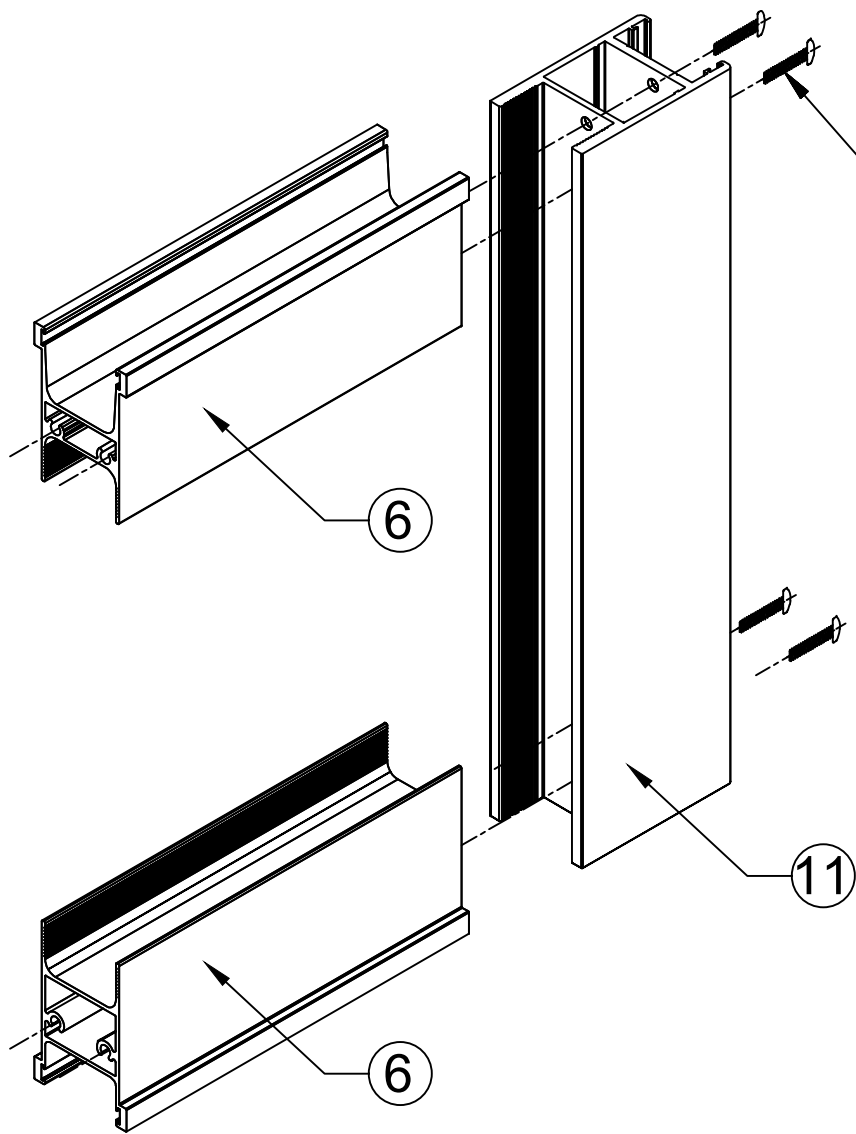
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C.A.N. 28677

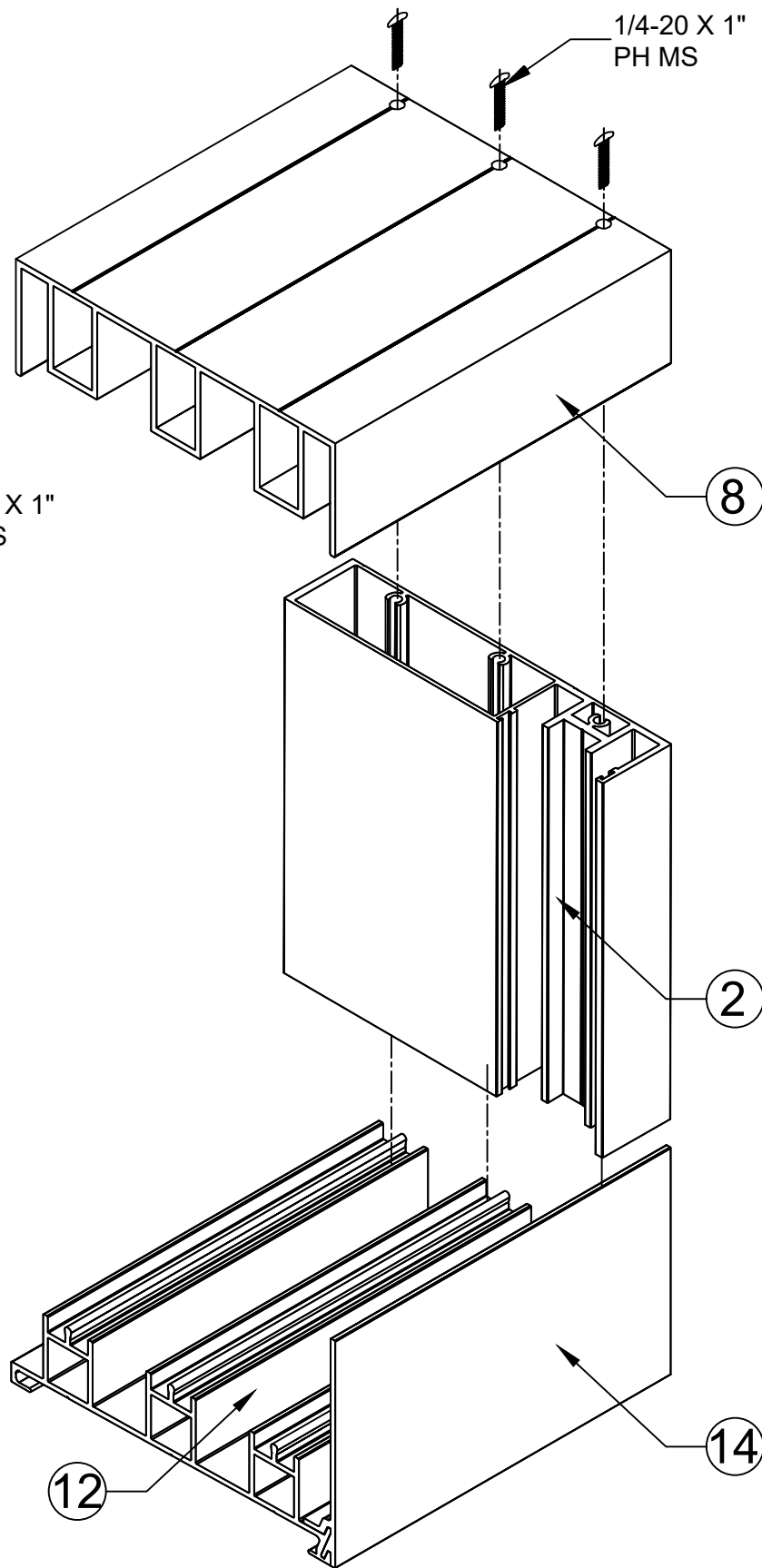
STATE OF FLORIDA

PROFESSIONAL ENGINEER

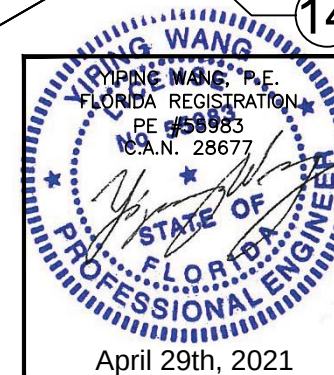
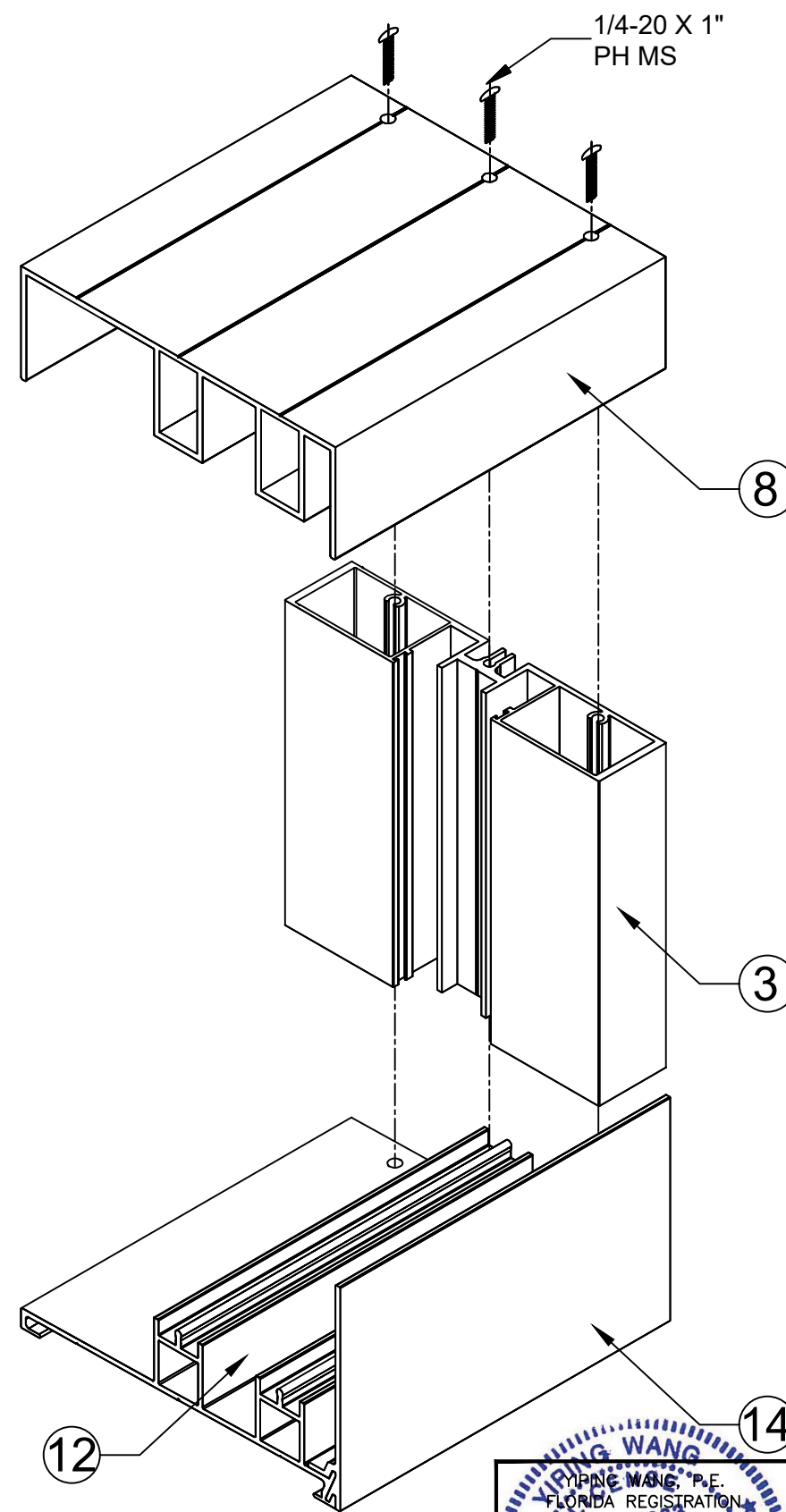
April 29th, 2021



PANEL CORNER ASSEMBLY
TOP AND BOTTOM



FRAME CORNER ASSEMBLY
TOP AND BOTTOM



NO.	DATE	DESCRIPTION
1	01-03-2021	
2	04-19-2021	

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16 OF 16