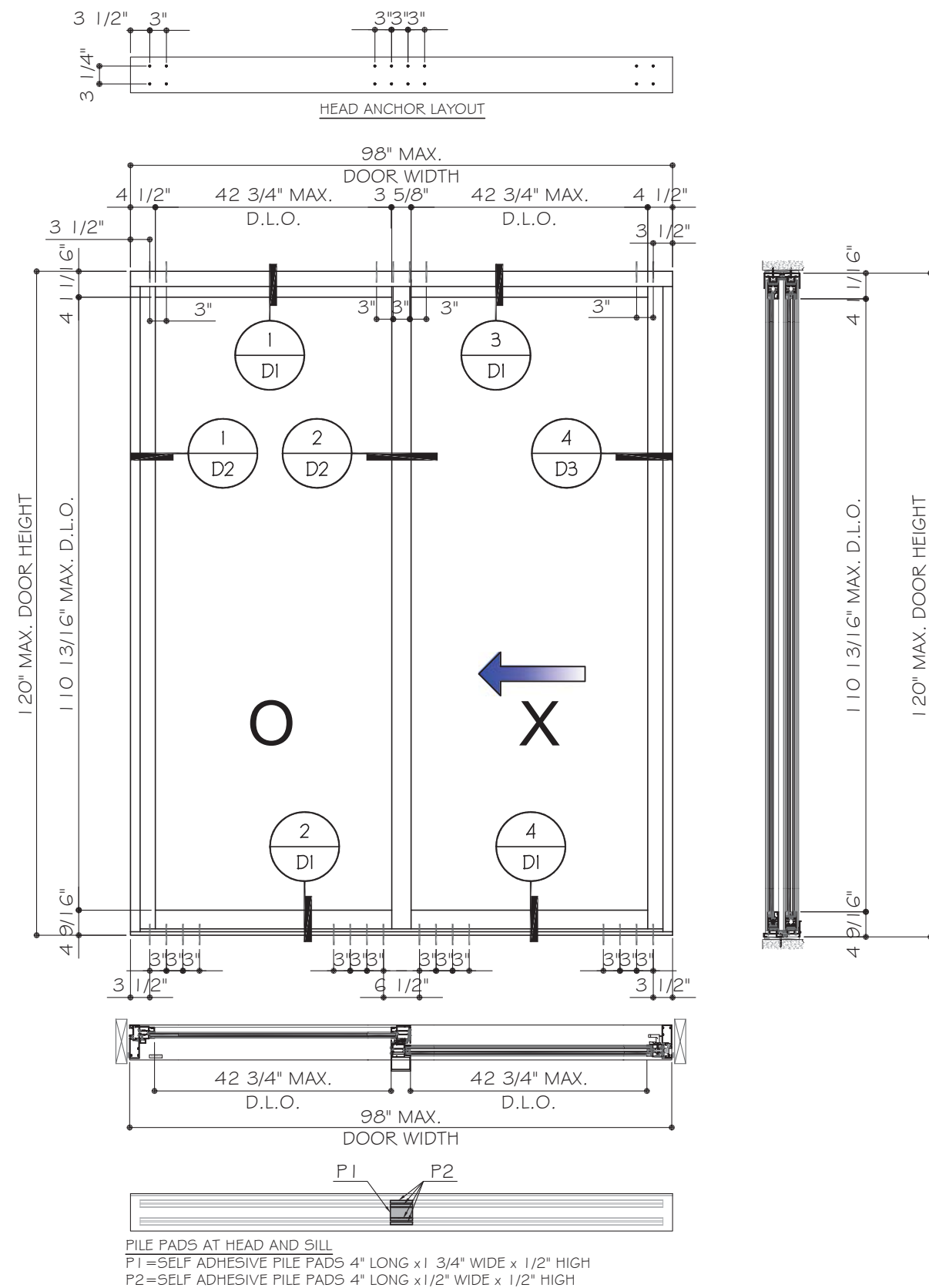
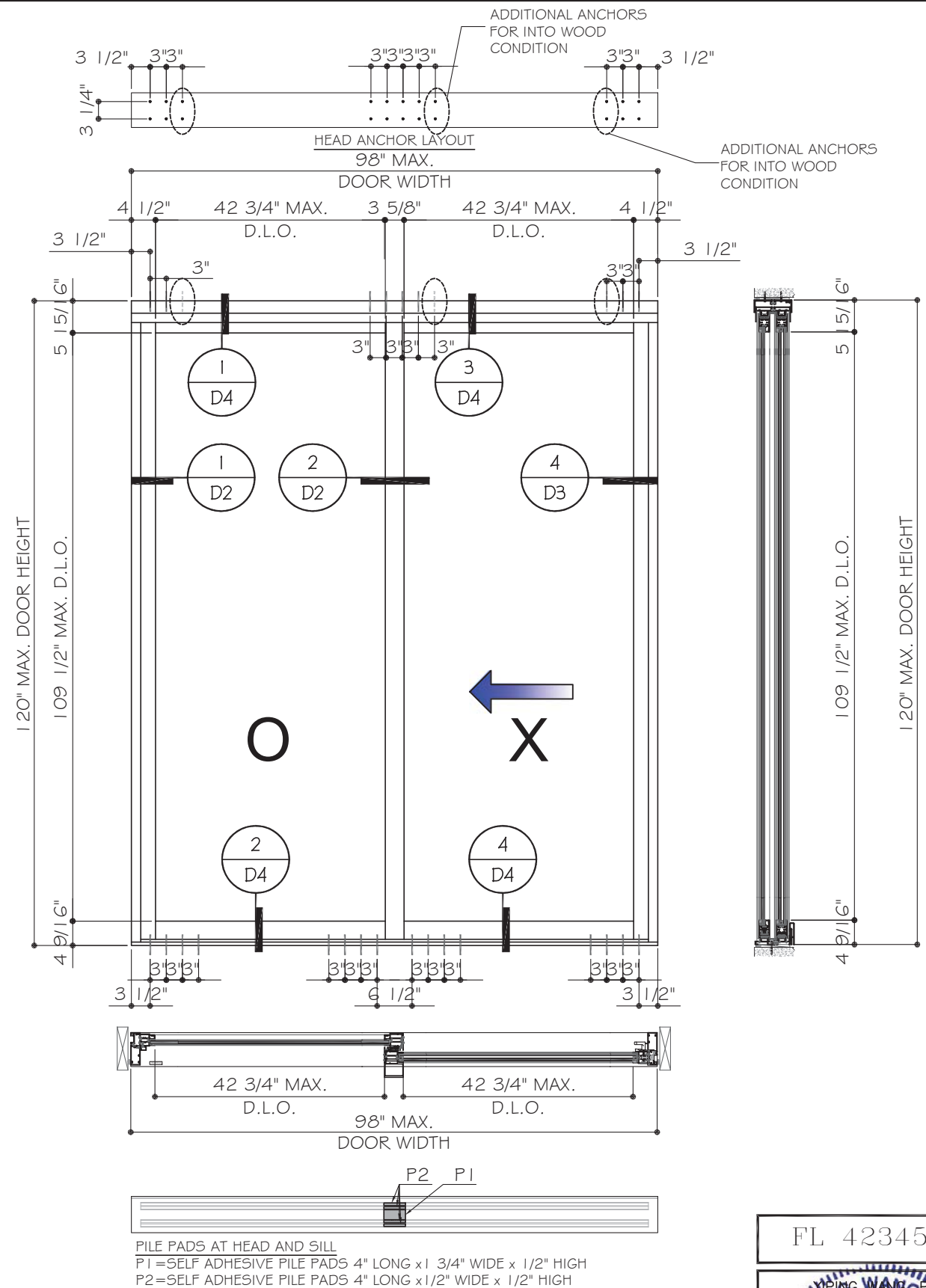


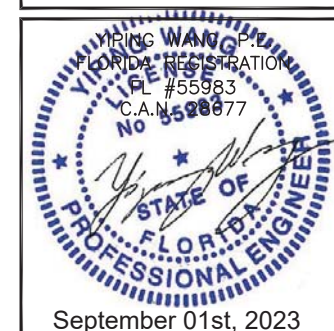


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FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC		
SILL W/ RISER	+80	-80
SILL W/O RISER	+61.3	-80



DESIGN LOAD (psf)		
FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC		
SILL W/ RISER	+80	-80
SILL W/O RISER	+61.3	-80

FL 42345.2



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GLAZING CONSULTANTS

GLAZING CONSULTANTS

12781 MIRAMAR PKWY #301

MIRAMAR, FL. 33027

P: 305.271.0117

MCY@mcvenengineering.com

MCY@mcvenengineering.com

SERIES HR7 SLIDING GLASS DOOR - (S.M.I)

CUHADAROGLU METAL SAN.PAZ.A.S

YAKIPLU MAH HURRIYET BULVARI NO:6-8 BEYLİKDUZU

ISTANBUL - TURKIYE 34524

TEL: +90 212 224 2020 FAX: +90 212 224 2040

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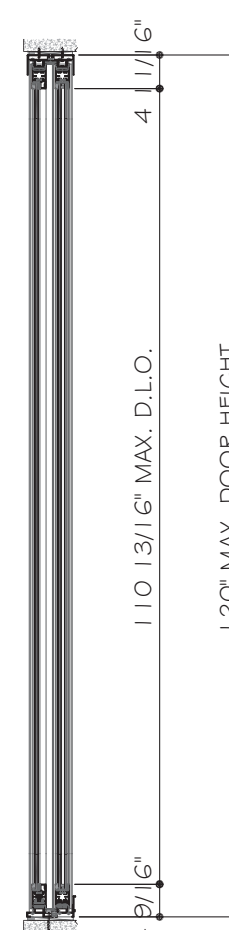
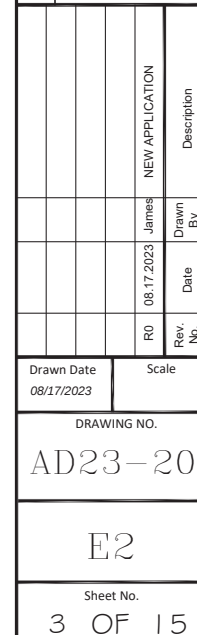


Figure 1 illustrates three types of connections between a node and a path. In (a), a node labeled P1 is connected to a path labeled P2. In (b), a node labeled P1 is connected to a path labeled P2, and a node labeled P2 is connected to a path labeled P1. In (c), a node labeled P1 is connected to a path labeled P2, and a node labeled P2 is connected to a path labeled P1, and a node labeled P1 is connected to a path labeled P2.

DESIGN LOAD (psf)		
FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC		
SILL W/ RISER	+80	-80
SILL W/O RISER	+61.3	-80

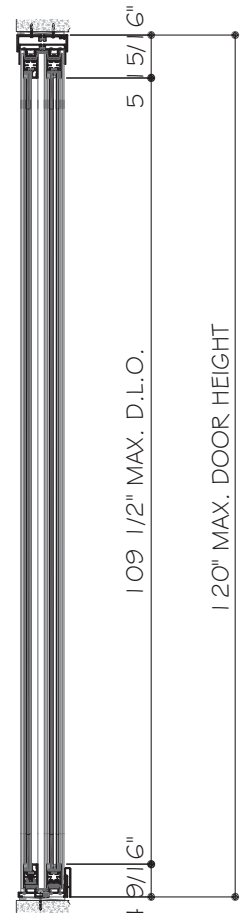


SERIES HR7 SLIDING GLASS DOOR - (S.M.I)
CUHADAROGLU METAL SAN.PAZA.S
YAKUPLU MAH. HURRIYET BULVARI NO:6-8 BEYLIKDUZU
ISTANBUL, TURKIYE 34524
TEL. +90 212 224 2020 FAX. +90 212 224 2040

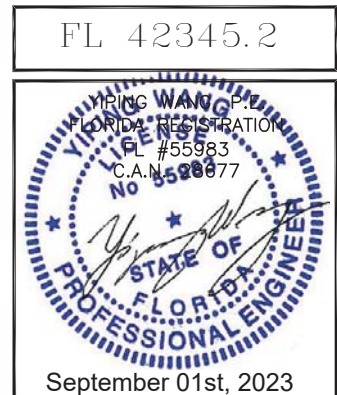
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GLAZING CONSULTANTS

12781 MIRAMAR PKWY #301
MIRAMAR, FL 33027 P: 305.271.0117

www.MCYEngineering.com MCY@mcvengineering.com



DESIGN LOAD (psf)		
FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC		
SILL W/ RISER	+80	-80
SILL W/O RISER	+61.3	-80



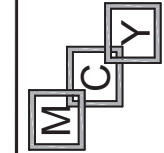
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Drawn Date 08/17/2023						Scale			
DRAWING NO. AD23-20									
E3									
Sheet No. 4 OF 15									

SERIES HR7 SLIDING GLASS DOOR - (S.M.I.)

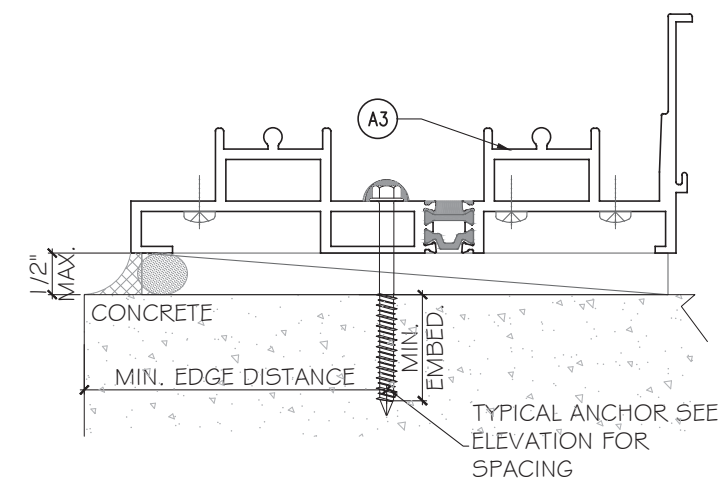
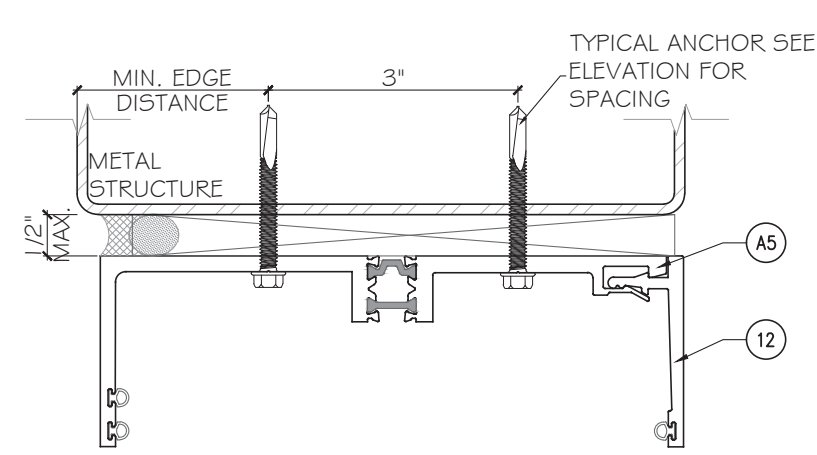
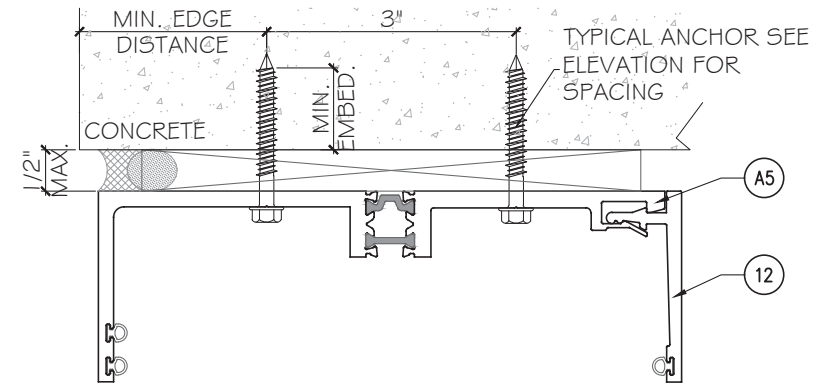
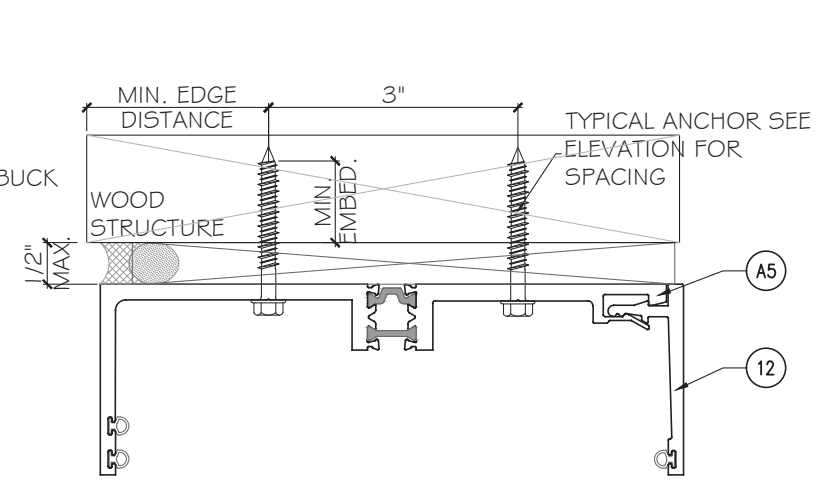
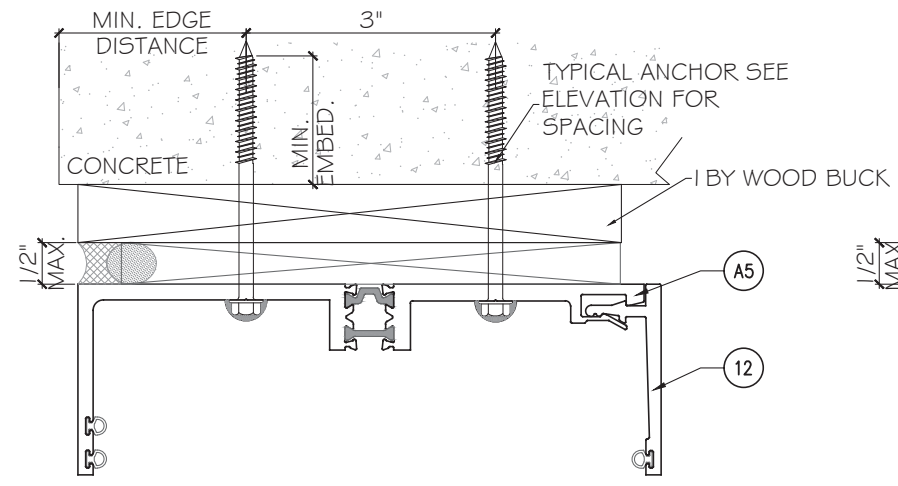
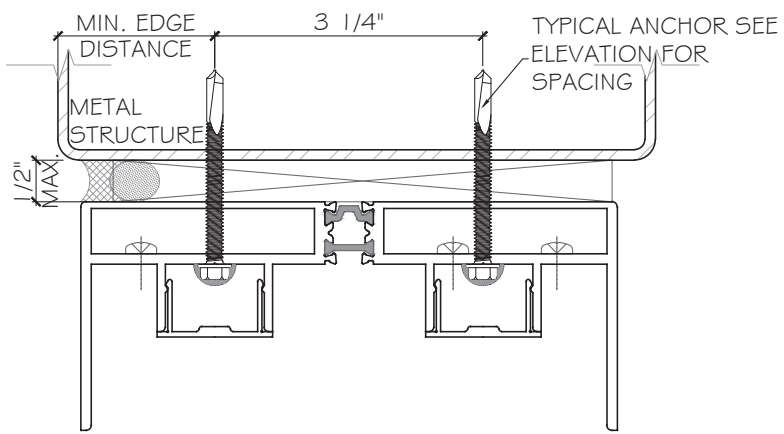
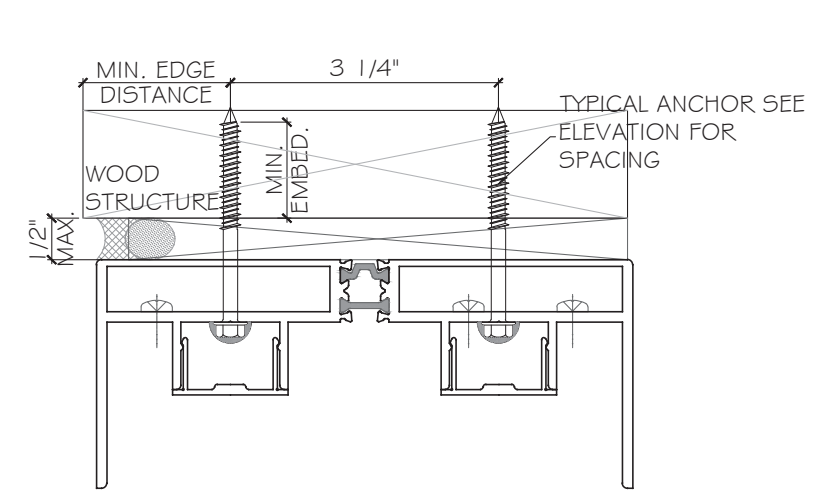
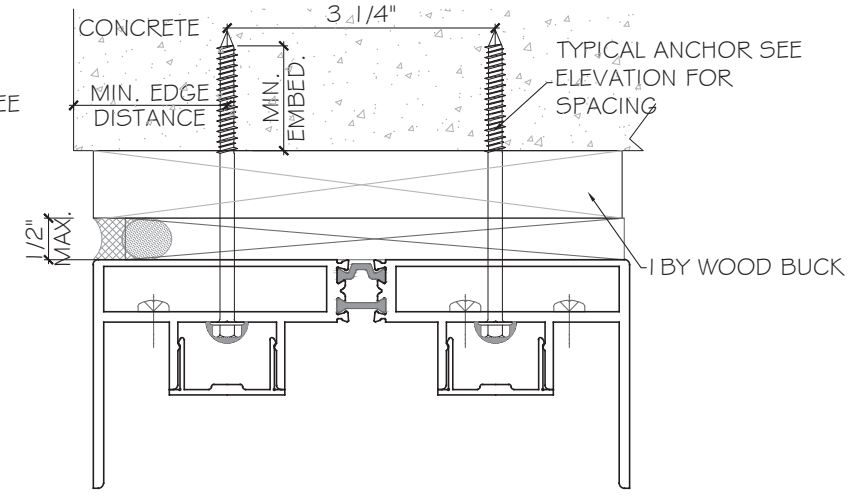
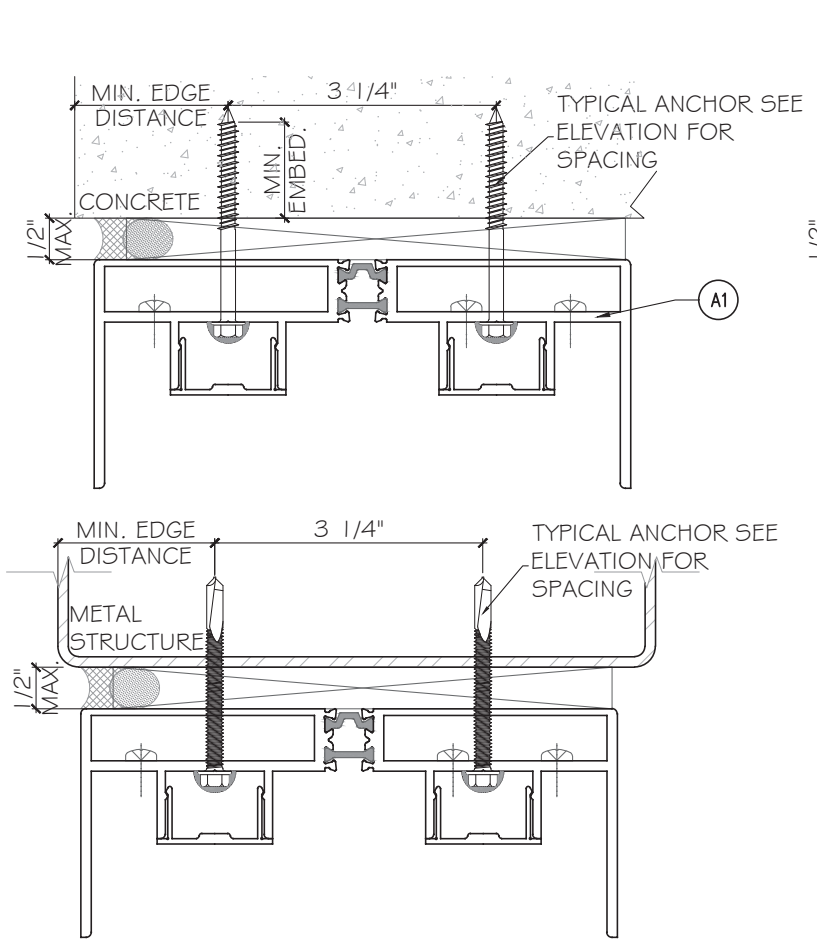
CUHADAROGLU METAL SAN.PAZA.S

YAKUPLU MAH. HURRIYET BULVARI NO:6-8 BEYLİKDUZU
İSTANBUL, TÜRKİYE 34524

TEL. +90 212 224 2020 FAX. +90 212 224 2040



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



NOTE: WOOD BUCKS & METAL STRUCTURES NOT BY CUHADAROGLU METAL SAN. PAZ. A.S. MUST BE PROPERLY SECURED TO SUPPORT LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURES.

TYPICAL ANCHOR TYPES

ANCHOR TYPE 'A' - 1/4" DIA. ULTRACON+ BY 'DEWALT'(Fu= 1 64KSI, Fy= 1 48KSI) INTO 2BY WOOD BUCKS OR WOOD STRUCTURE, 1 1/2" MIN. PENETRATION INTO WOOD (HEAD)

THROUGH 1X WOOD BUCKS INTO CONCRETE 1 3/4" MIN. EMBEDMENT INTO CONCRETE (HEAD)

ANCHOR TYPE 'B' - 1/4" DIA. ULTRACON+ BY 'DEWALT'(Fu= 1 64KSI, Fy= 1 48KSI) DIRECTLY INTO CONCRETE W/1 3/4" MIN. EMBEDMENT (HEAD/ SILL)

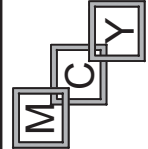
ANCHOR TYPE 'C' - 1/4" DIA. TEKS/SELF DRILLING SCREW (GRADE 5 CRS) INTO F.B.C. APPROVED MULLIONS OR INTO METAL STRUCTURES. (3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE

ALUMINUM: 1/8" THK. MIN. (6063-T5, MIN)
STEEL: 1/8" THK. MIN. (Fy=36KSI MIN)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

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

SUBSTRATE:
WOOD, SG = 0.55 MIN.
CONCRETE AT HEAD/SILL/JAMB, f_c = 3000 PSI MIN.
C-90 HOLLOW /FILLED BLOCK AT JAMBS: f_m=2000 PSI MIN.

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MIRAMAR, FL 33027

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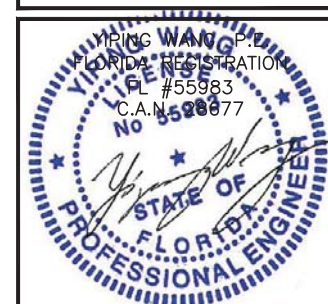
SERIES HR7 SLIDING GLASS DOOR - (S.M.I.)

CUHADAROGLU METAL SAN.PAZ.A.S

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ISTANBUL, TURKIYE 34524

TEL. +90 212 224 2020 FAX. +90 212 224 2040

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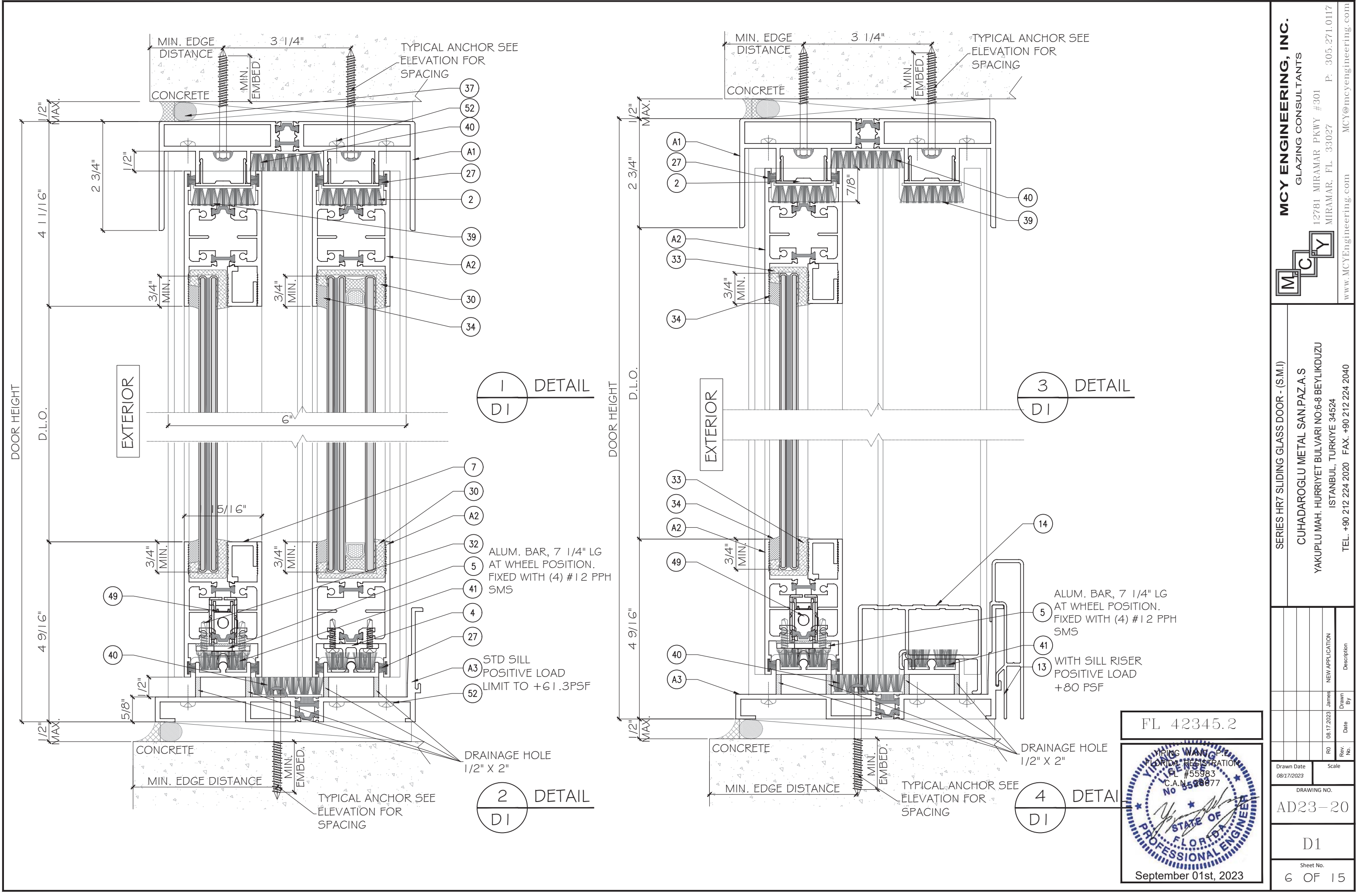
Rev. No.	Date	Drawn By	Description
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Drawn Date
08/17/2023

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AD23-20

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A1

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MIRAMAR, FL 33027
P: 305.271.0117
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SERIES HR7 SLIDING GLASS DOOR - (S.M.I.)

CUHADAROGU METAL SAN.PAZA.S
YAKUPLU MAH. HURRIYET BULVARI NO:6-8 BEYLIKDUZU
ISTANBUL, TURKIYE 34524
TEL. +90 212 224 2020 FAX +90 212 224 2040

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Drawn Date
08/17/2023

Scale

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D1

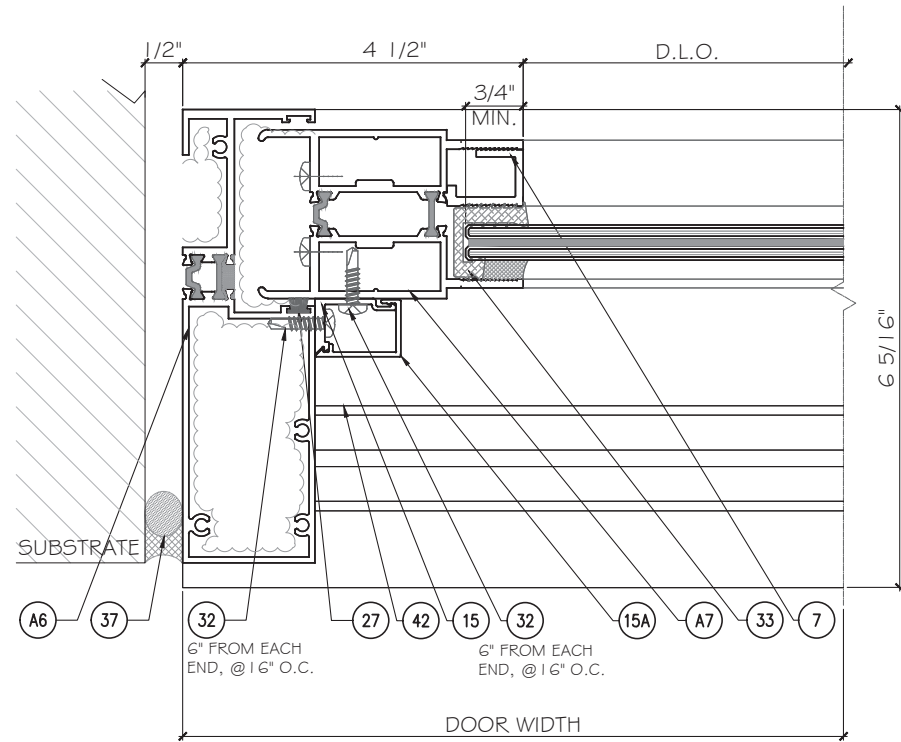
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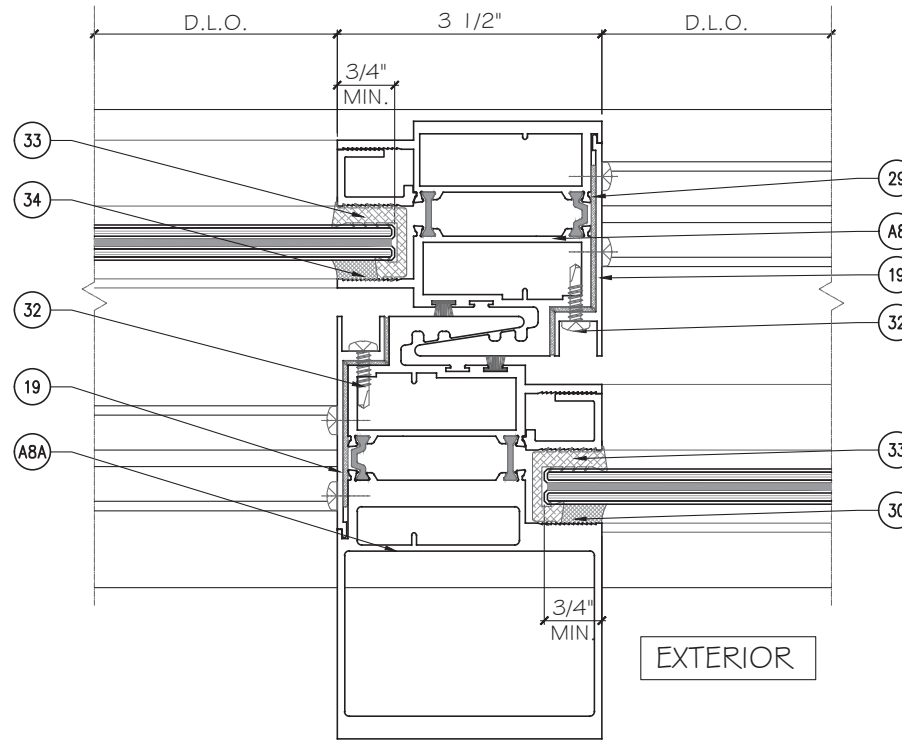
FL 42345.2

YIPING WANG
PROFESSIONAL ENGINEER
FLORIDA REGISTRATION
No. 55983
C.A.N. 5598377

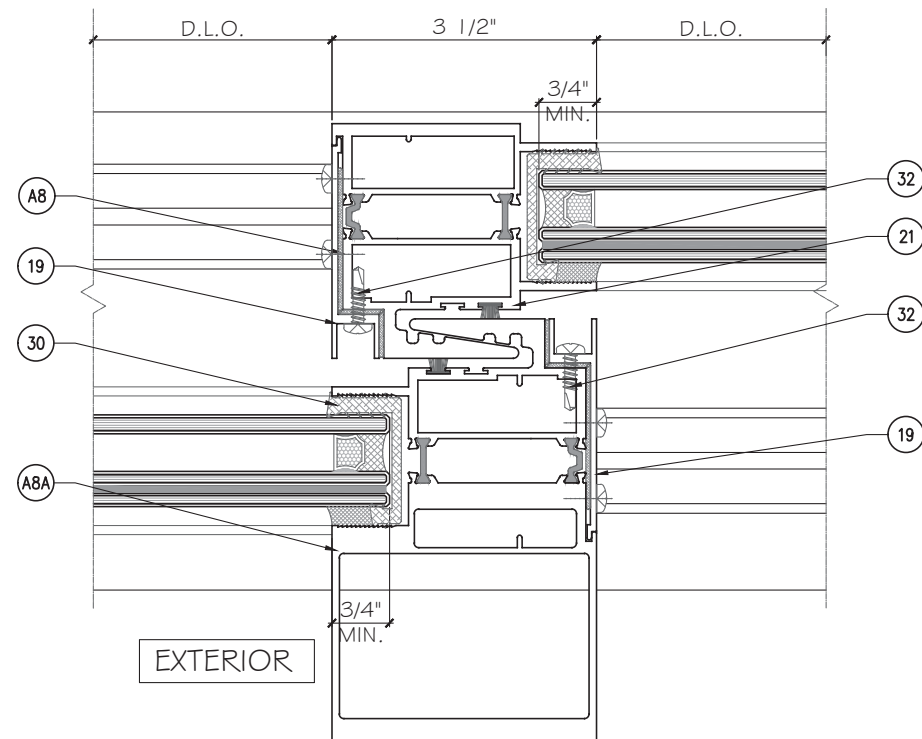
September 01st, 2023



1
D2
DETAIL



2
D2
DETAIL
INTERLOCK



3
D2
DETAIL
INTERLOCK

FL 42345.2

YIPING WANG
FLORIDA REGISTRATION
FL #55983
C.A.N. 8877

September 01st, 2023

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

12781 MIRAMAR PKWY #301
MIRAMAR, FL 33027 P. 305.274.0117

www.MCYEngineering.com MCY@mcyeengineering.com

SERIES HR7 SLIDING GLASS DOOR - (S.M.I.)

CUHADAROGLU METAL SAN.PAZ.A.S

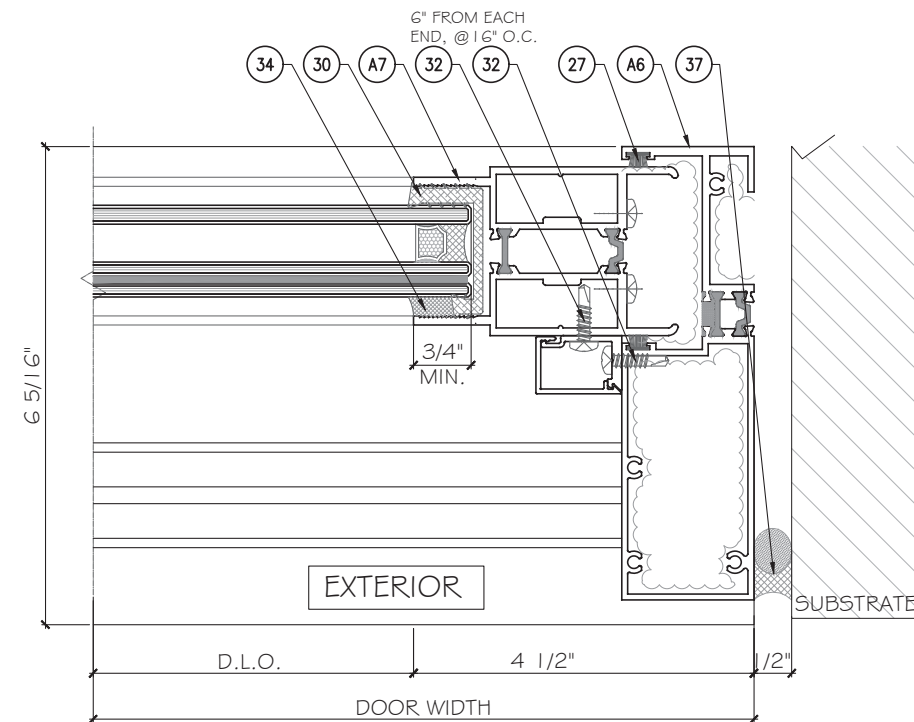
YAKUPLU MAH. HURRIYET BULVARI NO:6-8 BEYLIKDUZU
ISTANBUL, TURKIYE 34524

TEL. +90 212 224 2020 FAX. +90 212 224 2040

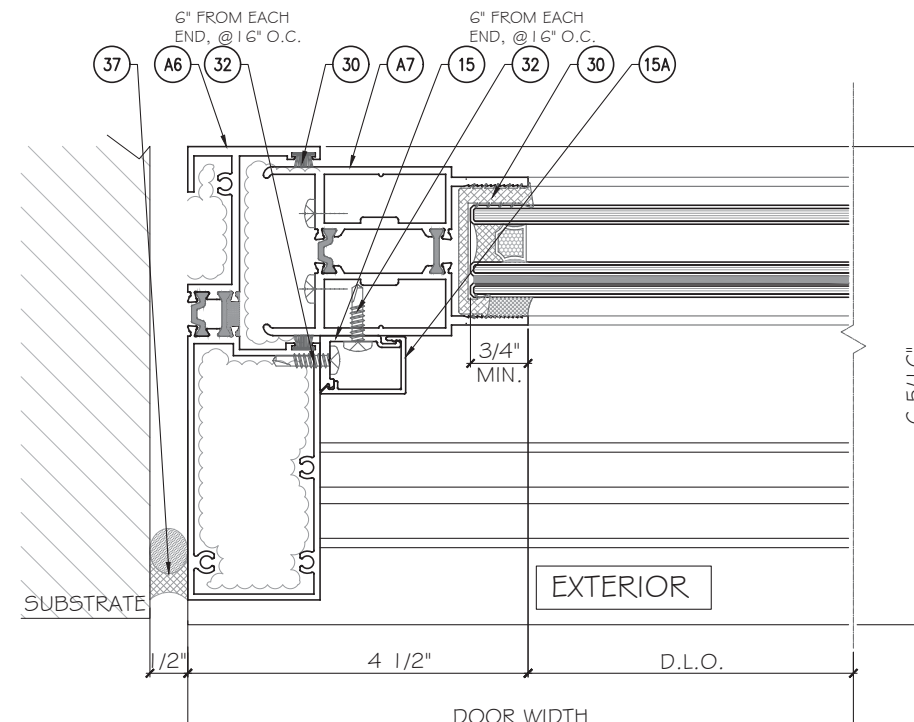
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R0	08.17.2023	James	NEW APPLICATION
D2			
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Drawn Date
08/17/2023

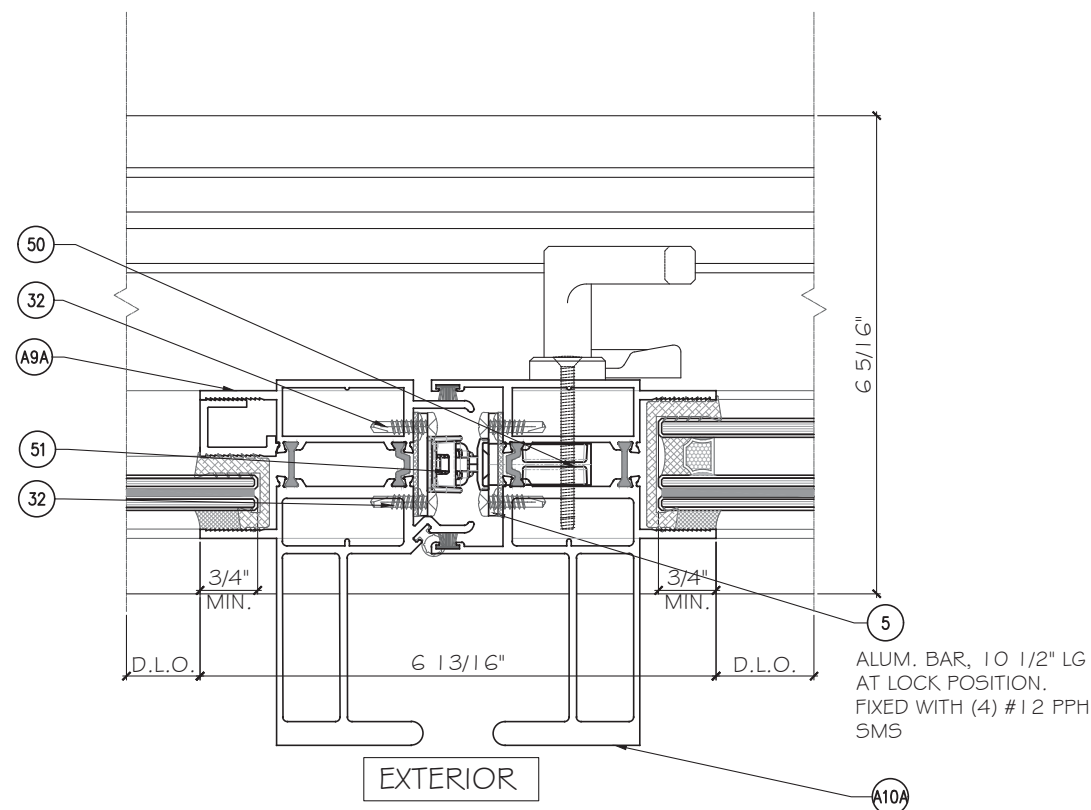
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AD23-20



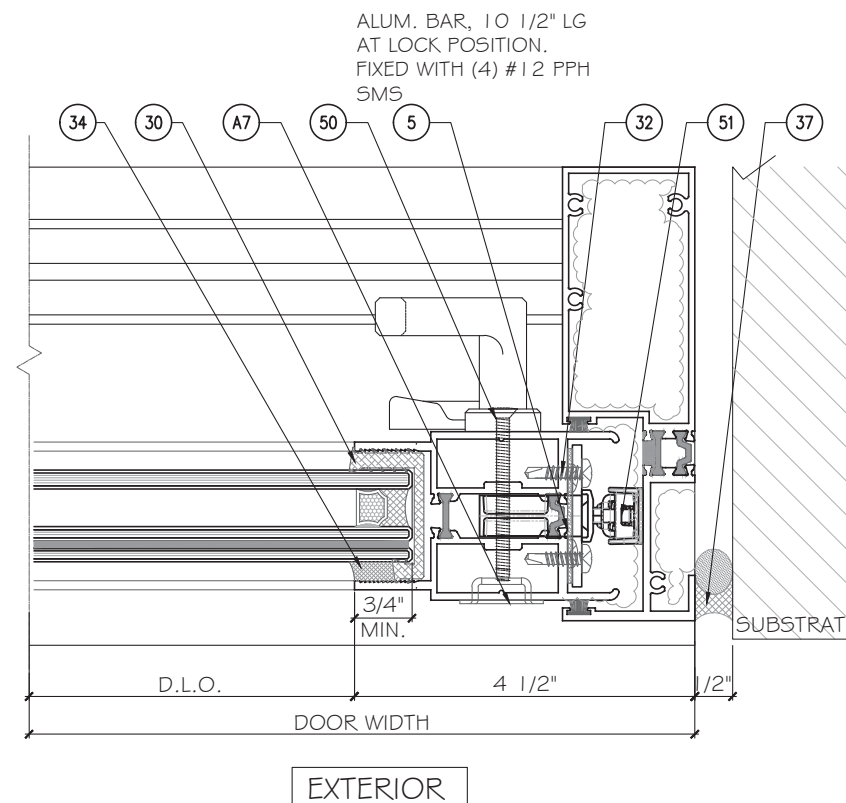
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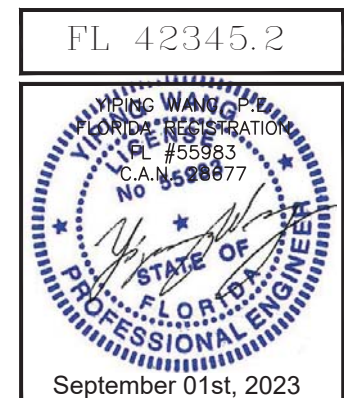
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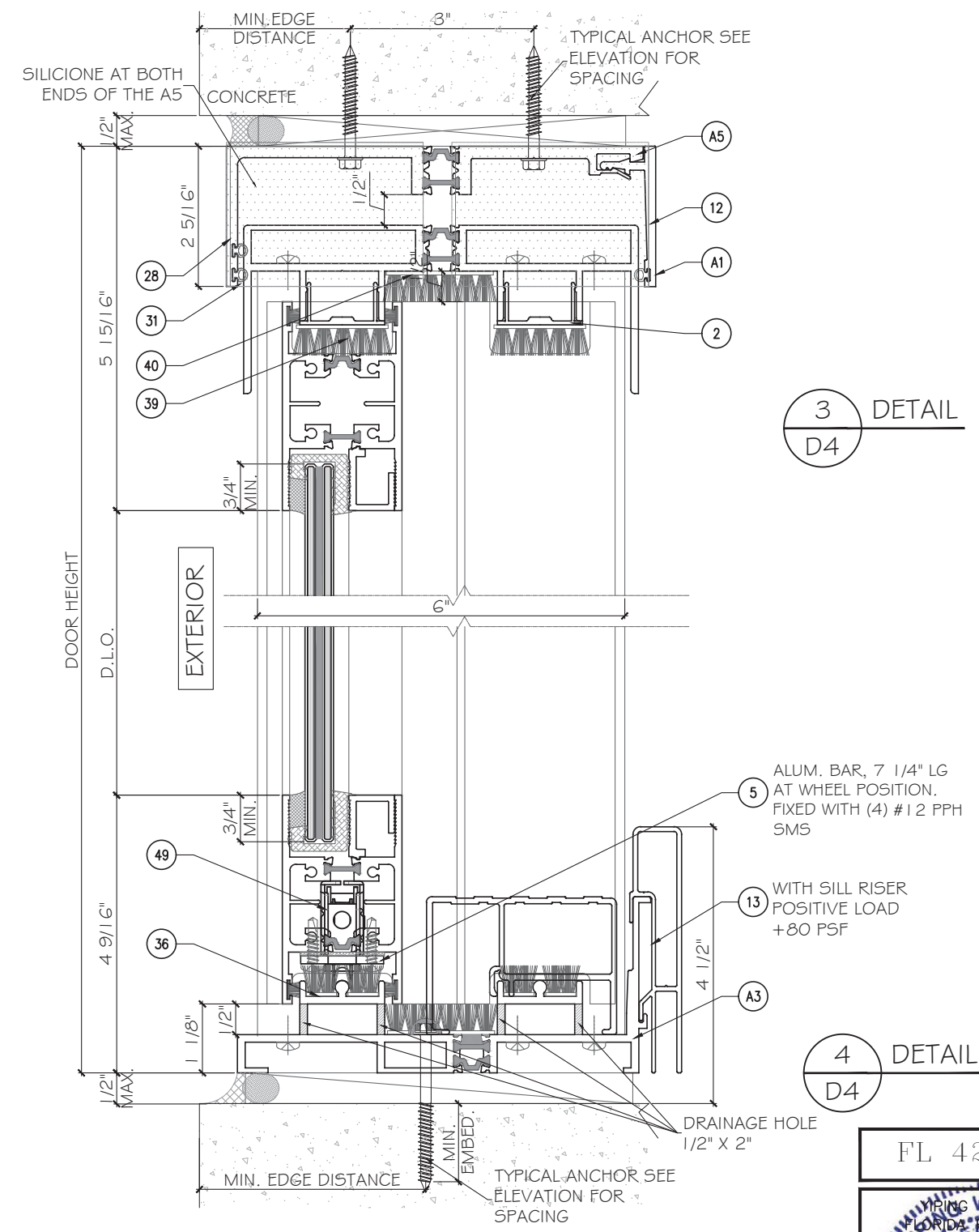
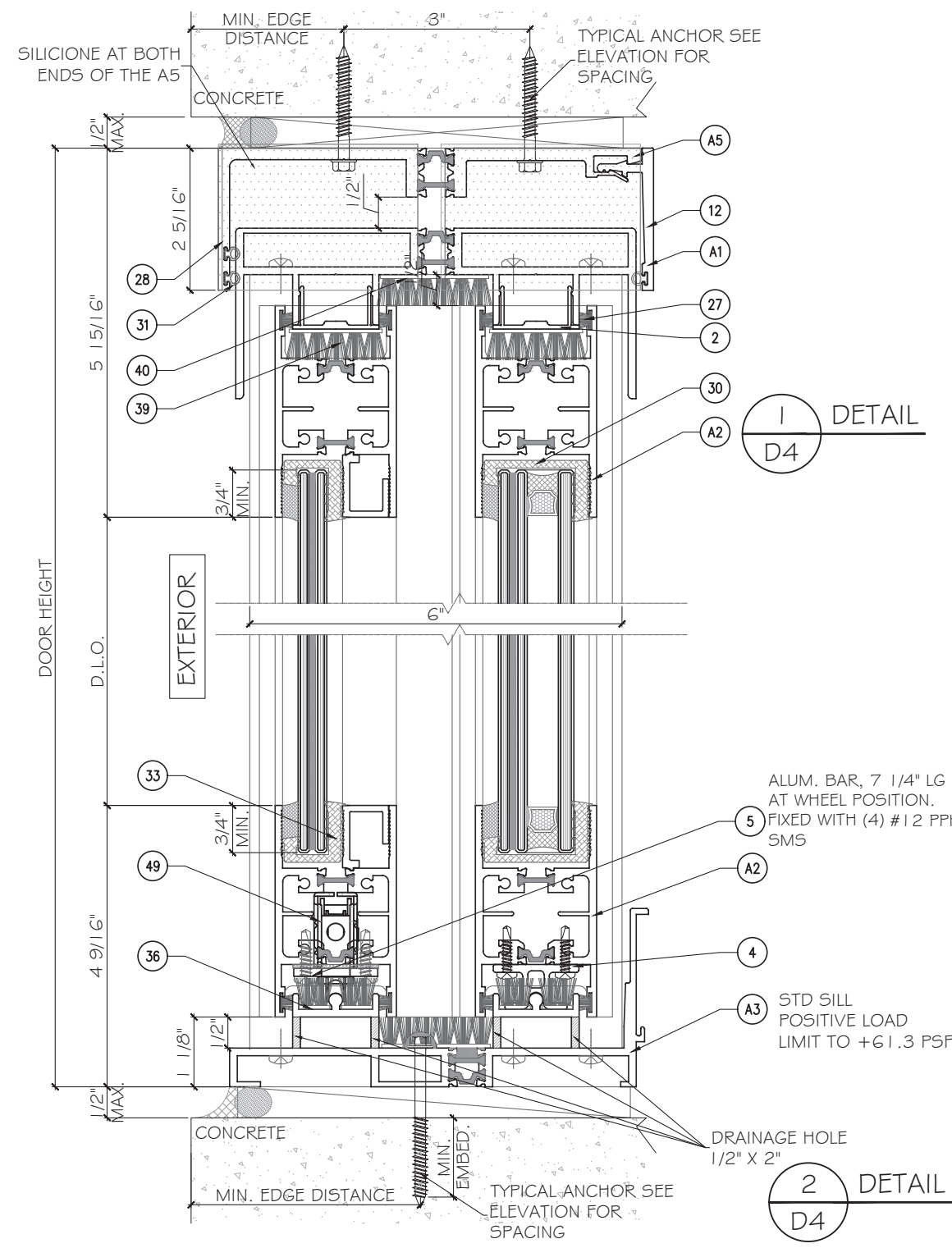
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D3
DETAIL



4
D3
DETAIL



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R0	08.17.2023	James	NEW APPLICATION
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THE DRAINAGE SYSTEM IS REALIZED BY DRILLING SLOTS BELOW THE SILL PROFILE GUIDE (REF. A3) OF 1/2" X 2". FOR TWO PANELS DOOR.THE INTERIOR GUIDE LINE IS DRILLED IN FOUR POINTS, ALL THE SLOTS ARE FILLED WITH HALF FOAM TO PREVENT AIR LEAKAGE. THE EXTERIOR GUIDE IS DRILLED IN THREE POINTS, THE INNER SLOTS ARE FILLED WITH HALF FOAM TO PREVENT AIR LEAKAGE. FOR FOUR PANELS DOOR.THE INTERIOR GUIDE LINE IS DRILLED IN EIGHT POINTS, ALL THE SLOTS ARE FILLED WITH HALF FOAM TO PREVENT AIR LEAKAGE. THE EXTERIOR GUIDE IS DRILLED IN SIX POINTS, THE INNER SLOTS ARE FILLED WITH HALF FOAM TO PREVENT AIR LEAKAGE.

FL 42345.2

YIPING WANG
 LICENSED PROFESSIONAL ENGINEER
 FLORIDA REGISTRATION
 FL #55983
 C.A.N. 959877

September 01st, 2023

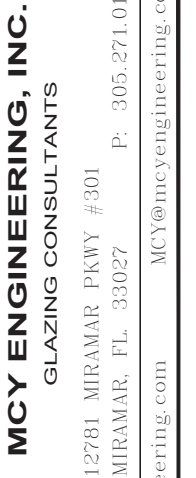
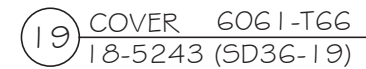
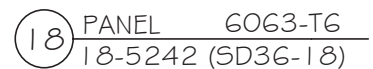
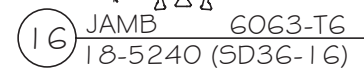
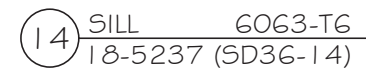
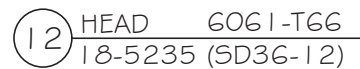
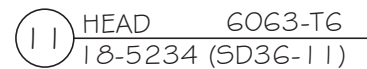
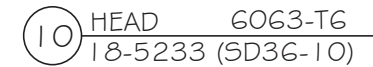
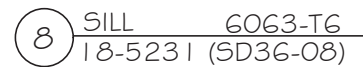
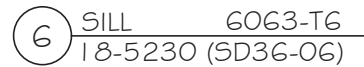
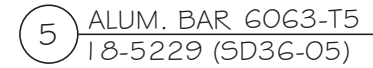
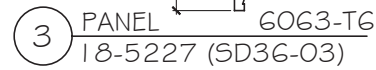
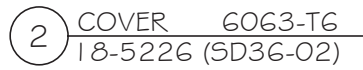
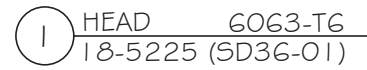
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 MIRAMAR, FL 33027 P: 305.271.0117
 www.MCYEngineering.com

SERIES HR7 SLIDING GLASS DOOR - (S.M.I.)
 CUHADAROGLU METAL SAN.PAZ.A.S
 YAKUPLU MAH. HURRIYET BULVARI NO:6-8 BEYLIKDUZU
 ISTANBUL, TURKIYE 34524
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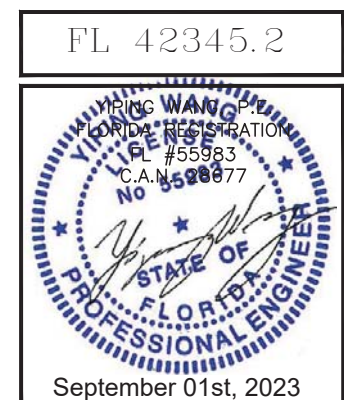
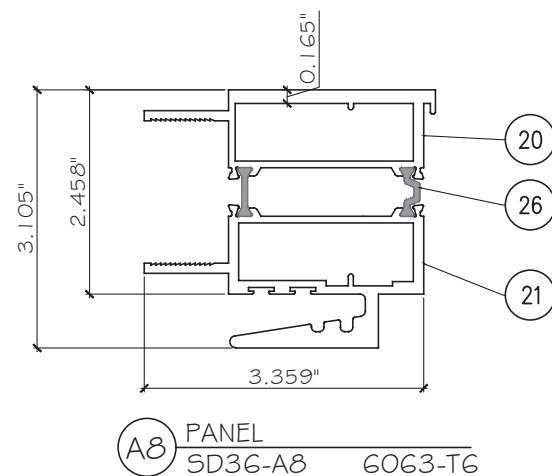
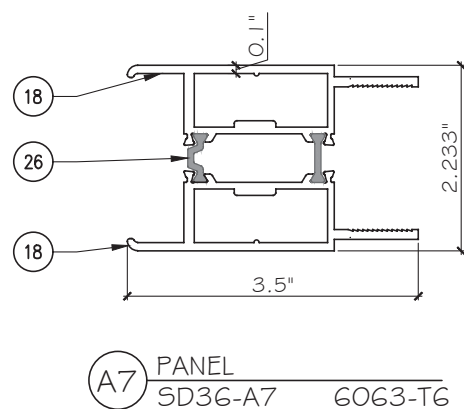
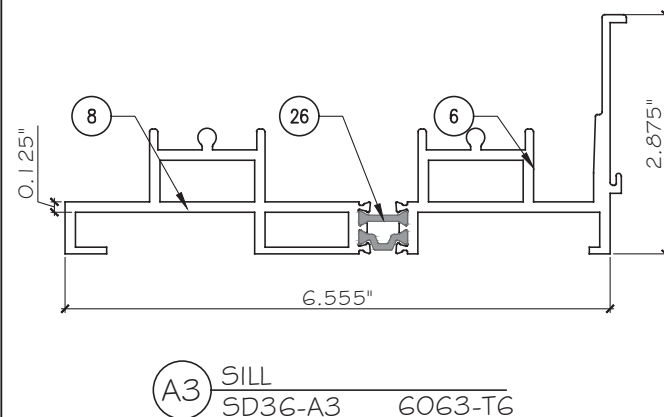
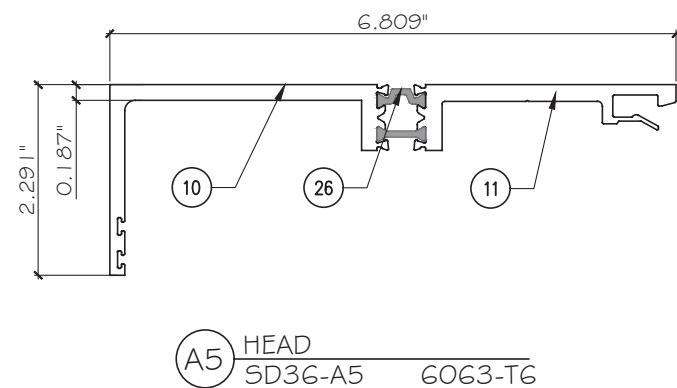
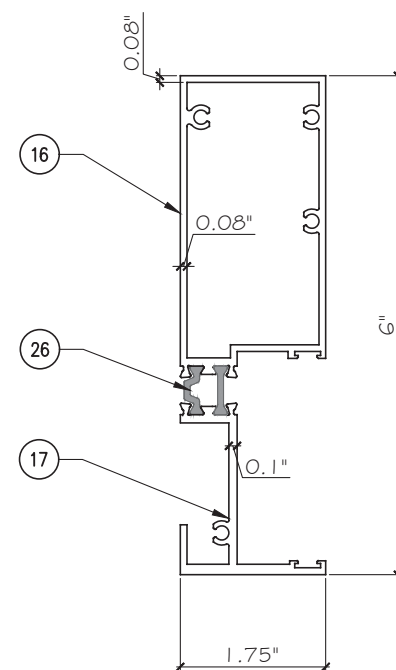
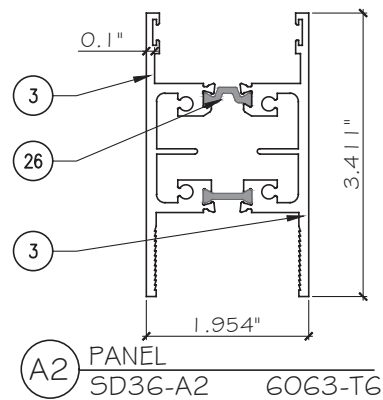
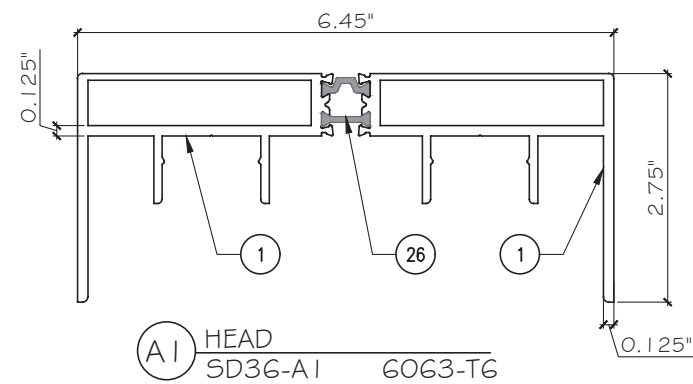
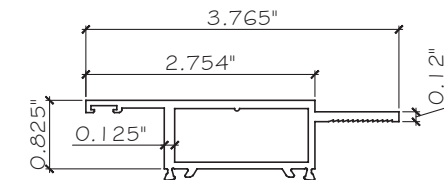
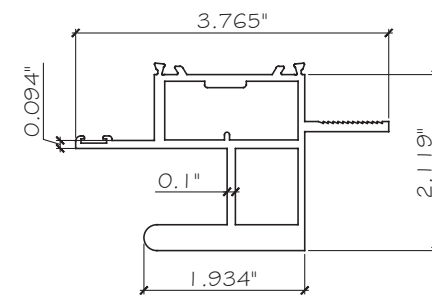
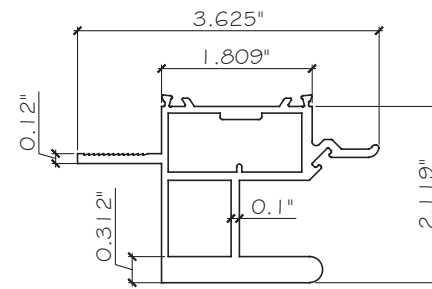
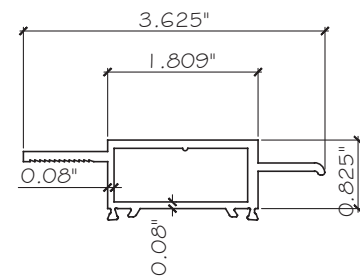
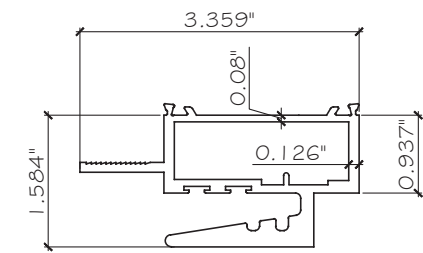
CUHADAROGLU METAL SAN.PAZA.S

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TEL. +90 212 224 2020 FAX. +90 212 224 2040

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GLAZING CONSULTANTS

12781 MIRAMAR PKWY #301

MIRAMAR, FL. 33027

P: 305.271.0117

www.MCYPEngineering.com MCY@mcvengineering.com

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CUHADAROGLU METAL SAN.PAZ.A.S

YAKUPLU MAH. HURRIYET BULVARI NO:6-8 BEYLİKDUZU

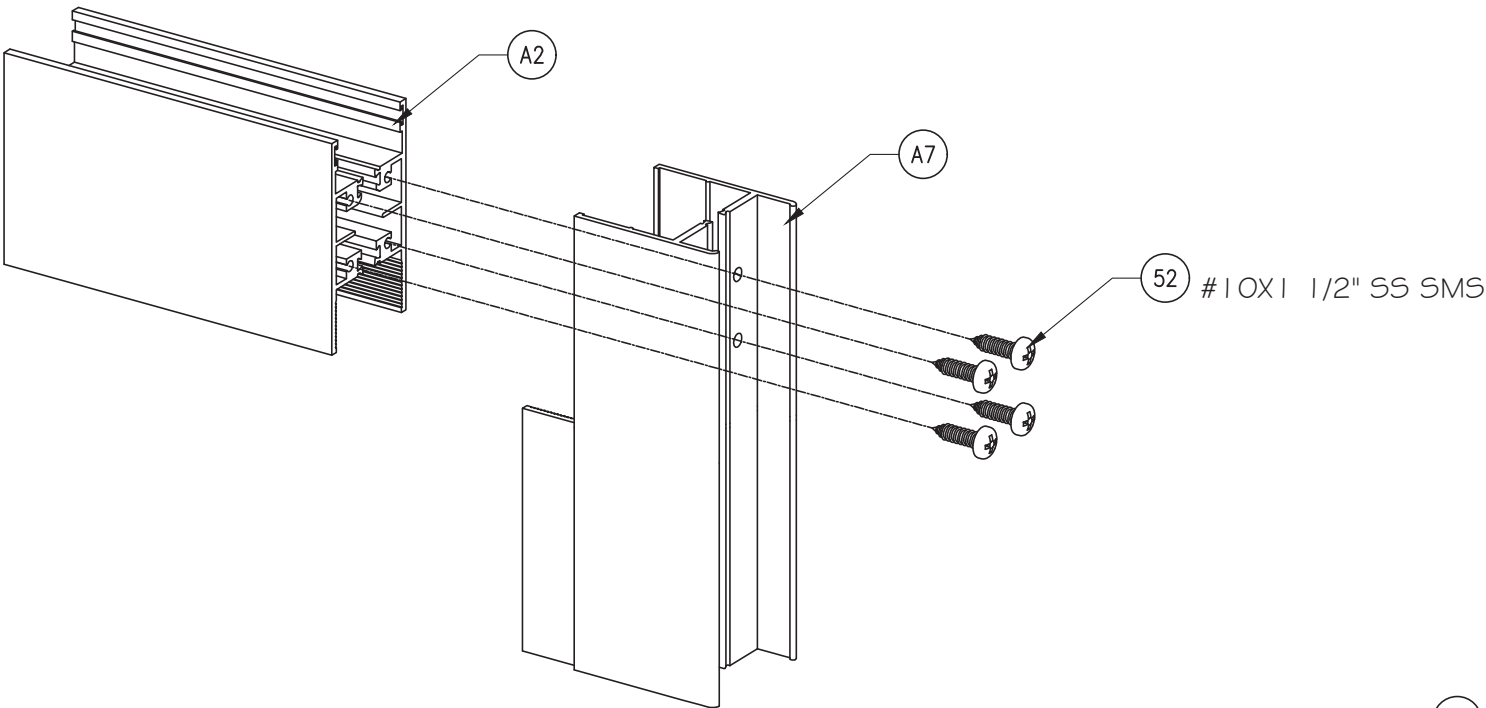
ISTANBUL, TURKIYE 34524

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[illegible]

HARDWARE FOR TWO PANELS SLIDING DOOR

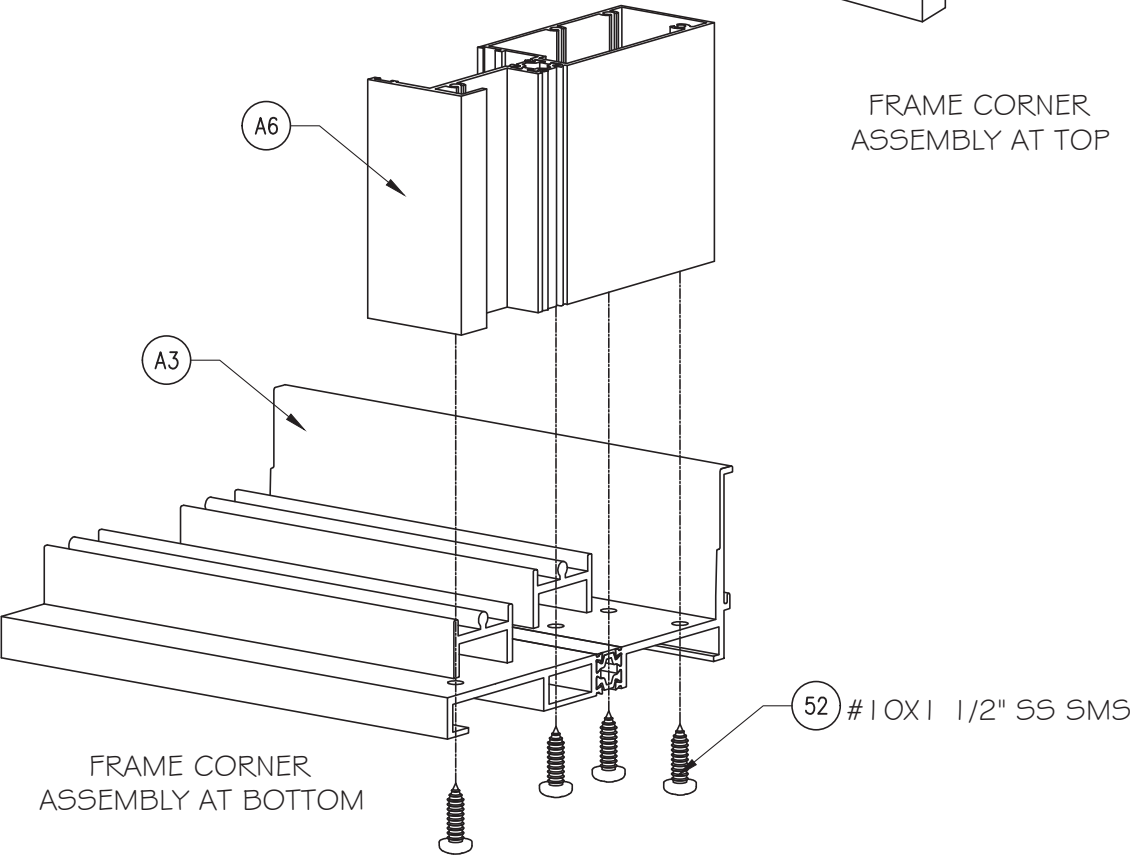
TWO ROLLERS INTERLOCK ASSA ABLOY PRO5 ARE INSTALLED AT 5-1/2" (140.1 MM) FROM THE MEETING RAIL, AND AT 6-1/16(154.0 MM) FROM THE IAMB.
ONE LOCKING POINT: INTERLOCK 191014-2PT MORTICE LOCK IS INSTALLED AT 39"(990.6MM) FROM THE BOTTOM OF THE SASH. ITS STRIKE INTERLOCK PS01-0015-15MM ADJ. STRIKE IS INSTALLED AT THE SAME HEIGHT IN THE FRAME JAMB SECTION.



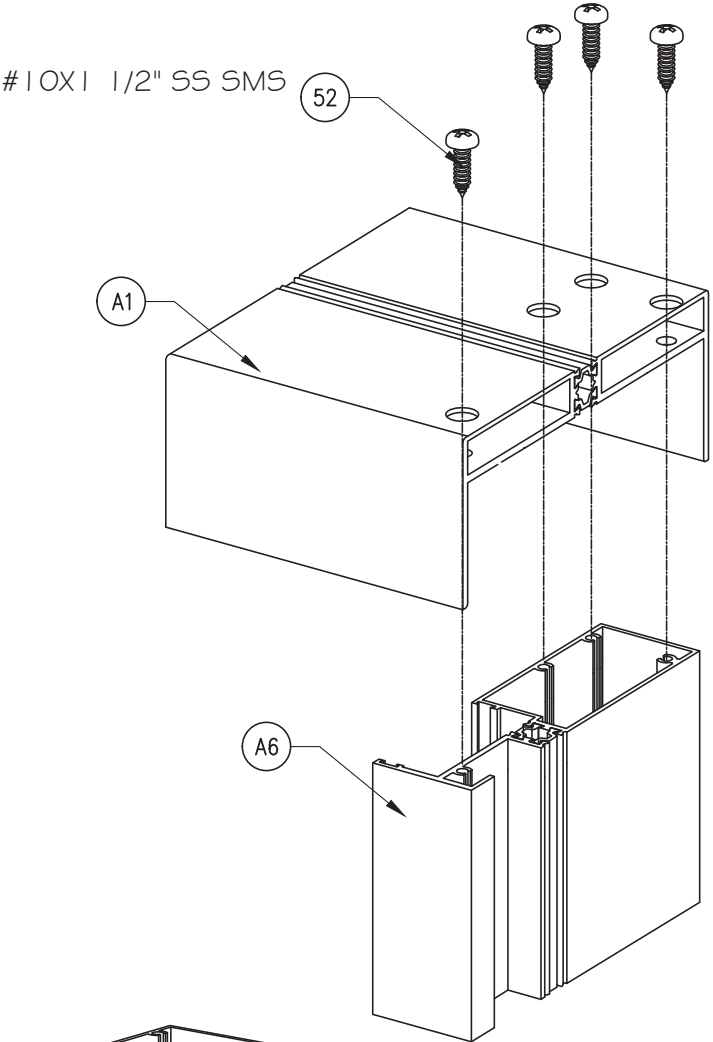
SASH CORNER ASSEMBLY

HARDWARE FOR FOUR PANELS SLIDING DOOR

TWO ROLLERS INTERLOCK ASSA ABLOY PRO5 ARE INSTALLED ON EACH SASH: AT 5-1/2" (140.1 MM) FROM THE MEETING RAIL, AND AT 6-3/16" (160.5 MM) FROM THE JAMB FOR THE PRIMARY SASH, AT 5-1/2" (140.1 MM)FROM THE MEETING RAIL, AND AT 6-5/16" (160.5 MM) FROM THE JAMB FOR PRIMARY SASH.
ONE LOCKING POINT: INTERLOCK 191014-2PT MORTICE LOCK IS INSTALLED AT 39" (990.6MM) FROM THE BOTTOM OF THE PRIMARY SASH. ITS STRIKE INTERLOCK PS01-0015-15MM ADJ. STRIKE IS INSTALLED AT THE SAME HEIGHT IN THE SECONDARY SASH JAMB SECTION.



FRAME CORNER ASSEMBLY AT BOTTOM



FRAME CORNER ASSEMBLY AT TOP

FL 42345.2

September 01st, 2023

MCY ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PKWY #301

MIRAMAR, FL 33027

P: 305.271.0117

www.MCYEngineering.com

MCY@mcyeengineering.com

SERIES HR7 SLIDING GLASS DOOR - (S.M.I.)

CUHADAROGLU METAL SAN.PAZ.A.S

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Rev. No.	Date	Drawn By	Description
R0	08.17.2023	James	NEW APPLICATION

Drawn Date

08/17/2023

Scale

DRAWING NO.

AD23-20

PART

Sheet No.

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BILL OF MATERIALS				
ITEM	PART	DESCRIPTION	MATERIAL	MANUF. / REMARKS
1	18-5225 (SD36-01)	HEAD	ALUM. 6063-T6	-
2	18-5226 (SD36-02)	COVER	ALUM. 6063-T6	-
3	18-5227 (SD36-03)	PANEL	ALUM. 6063-T6	-
4	18-5228 (SD36-04)	FIXED PANEL BLOCK	ALUM. 6063-T6	-
5	18-5229 (SD36-05)	ALUM. BAR	ALUM. 6063-T5	-
6	18-5230 (SD36-06)	SILL	ALUM. 6063-T6	-
7	18-5477 (SD36-07)	GLAZING ADAPTOR FOR LAMINATED GLASS	ALUM. 6063-T6	-
8	18-5231 (SD36-08)	SILL	ALUM. 6063-T6	-
9	NOT USED			
10	18-5233 (SD36-10)	HEAD	ALUM. 6063-T6	-
11	18-5234 (SD36-11)	HEAD	ALUM. 6063-T6	-
12	18-5235 (SD36-12)	HEAD	ALUM. 6061-T66	-
13	18-5236 (SD36-13)	SILL RISER	ALUM. 6063-T6	-
14	18-5237 (SD36-14)	SILL	ALUM. 6063-T6	-
15	18-5238 (SD36-15)	FIXED PANEL RETAINING CLIP	ALUM. 6063-T6	-
15A	18-5239 (SD36-15a)	RETAINING CLIP COVER	ALUM. 6063-T6	-
16	18-5240 (SD36-16)	JAMB	ALUM. 6063-T6	-
17	NOT USED			
18	18-5242 (SD36-18)	PANEL	ALUM. 6063-T6	-
19	18-5243 (SD36-19)	COVER	ALUM. 6061-T66	-
20	18-5244 (SD36-20)	PANEL	ALUM. 6063-T6	-
21	18-5245 (SD36-21)	PANEL	ALUM. 6063-T6	-
22	18-5246 (SD36-22)	PANEL	ALUM. 6063-T6	-
23	18-5247 (SD36-23)	PANEL	ALUM. 6063-T6	-
24	18-5248 (SD36-24)	PANEL	ALUM. 6063-T6	-
25	18-5249 (SD36-25)	PANEL	ALUM. 6063-T6	-
26	-	THERMAL BROKEN BAR	-	TECHNOFORM BEAUTEC / 953241
27	-	WEATHER STRIPPING	-	ULTRAFAB
28	-	1/16" THK. ALUM. PANEL	ALUM. PANEL	
29	-	GLAZING GASKET/SPACER	EPDM 70 DURO SHORE A	TREMCO
30	-	GLAZING GASKET FOR INSULATED GLASS	EPDM 70 DURO SHORE A	TREMCO
31	-	GLAZING GASKET/SPACER	EPDM 70 DURO SHORE A	TREMCO
32	-	12# PPH SMS.	STAINLESS STEEL	-
33	-	GLAZING GASKET FOR LAMINATED GLASS	EPDM 70 DURO SHORE A	TREMCO
34	-	STRUCTURAL SEALANT SPECTREM 2(TREMCO)	SILICONE	DOW CORNING / TREMCO
36	-	HALF FOAM	-	-
37	-	DC790 SILICONE & BACKER ROD / SPECTREM 1 (TREMCO)	SILICONE	DOW CORNING / TREMCO

YIPING WANG, P.E.
FLORIDA REGISTRATION
#55983
C.A.N. 00077



SERIES HR7 SLIDING GLASS DOOR - (S.M.I.)

CUHADAROGLU METAL SAN.PAZA.S

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BILL OF MATERIALS				
ITEM	PART	DESCRIPTION	MATERIAL	MANUF. / REMARKS
38	-	WASHER	-	TREMCO
39	-	SELF ADHESIVE PILE PADS 4" x 1 1/2" x 1/2" (ULTRAFAB DUST PLUGS)	-	ULTRAFAB
40	-	SELF ADHESIVE PILE PADS 4" x 1 3/4" x 1/2" (ULTRAFAB DUST PLUGS)	-	ULTRAFAB
41	-	SELF ADHESIVE PILE PADS 4" x 1/2" x 1/2" (ULTRAFAB DUST PLUGS)	-	ULTRAFAB
42	-	STOP BLOCK	-	-
43	19-5889 (SD36-43)	PANEL	ALUM. 6063-T6	-
44	19-5890 (SD36-44)	PANEL	ALUM. 6063-T6	-
45	19-5891 (SD36-45)	PANEL	ALUM. 6063-T6	-
46	SD36-46	SILL	ALUM. 6063-T6	-
47	SD36-47	FIXED PANEL RETAINING CLIP	ALUM. 6063-T6	-
48	SD36-48	RETAINING CLIP COVER	ALUM. 6063-T6	-
49	PRO5	ROLLER	-	INTERLOCK ASSA ABLOY
50	191014-2PT	MORTICE LOCK	-	INTERLOCK ASSA ABLOY
51	PS01-0015-15	STRIKE	-	INTERLOCK ASSA ABLOY
52	-	#10X1 1/2" PH SELF-TAPPING SCREW, FRAME ASSEMBLY	STAINLESS STEEL	-
A1	SD36-A1	HEAD	-	-
A2	SD36-A2	PANEL	-	-
A3	SD36-A3	SILL	-	-
A4	SD36-A4	JAMB	-	-
A5	SD36-A5	HEAD	-	-
A6	SD36-A6	JAMB	-	-
A7	SD36-A7	PANEL	-	-
A8	SD36-A8	PANEL	-	-
A8A	SD36-A8A	PANEL	-	-
A9A	SD36-A9A	PANEL	-	-
A10A	SD36-A10A	PANEL	-	-

YIPING WANG, P.E.
FLORIDA REGISTRATION
#55983
C.A.N. 00677

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

September 01st, 2023

MCY ENGINEERING, INC. GLAZING CONSULTANTS 12781 MIRAMAR PKWY #301 MIRAMAR, FL 33027 P: 305.271.0117 www.MCYEngineering.com MCY@mcyengineering.com	SERIES HR7 SLIDING GLASS DOOR - (S.M.I.)										
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