

UNI-K FENESTRATION 2 TRACK AND 3 TRACK SLIDING DOOR LARGE MISSILE IMPACT

GENERAL NOTES:

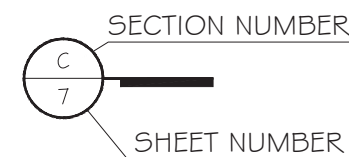
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- DOORS ARE RATED FOR LARGE MISSILE IMPACT. IMPACT SHUTTERS ARE NOT REQUIRED.
- DOORS ARE APPROVED FOR AIR AND WATER INFILTRATION.
- 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 2023 (8TH EDITION) FLORIDA BUILDING CODE 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.
- HARDWARE CHECKED FOR WIND LOAD IN CLOSED POSITION ONLY; OPERATION PER MANUFACTURER'S INSTRUCTIONS. DOORS MUST BE CLOSED AND SECURED WHEN A HURRICANE WARNING IS ISSUED.

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 E I TO E5 FOR APPROVED TYPICAL ELEVATION #CONFIGURATION. SEE SHEET G I FOR GLASS TYPES, SEE SHEET K I FOR DOOR CAPACITIES.
- STEP 3: ANCHOR TYPE SEE SHEET A I TO A5. ANCHOR SPACING SEE SHEET E I TO E5.
- 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

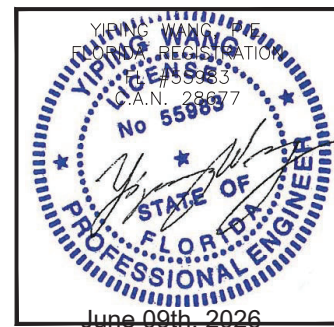


LIMITATIONS OF USE

- 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 HE 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:

FL48152.1



2 TRACK AND 3 TRACK SLIDING DOOR - LARGE MISSILE IMPACT

UNIK FENESTRATION

KM 8.5 VIA DURAN TAMBO
GUAYAS, ECUADOR

<https://www.vetrikoeec.com>

MCY ENGINEERING, INC.

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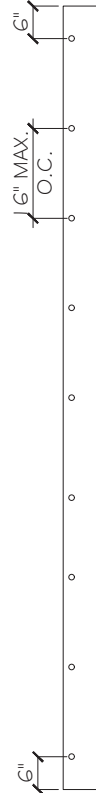
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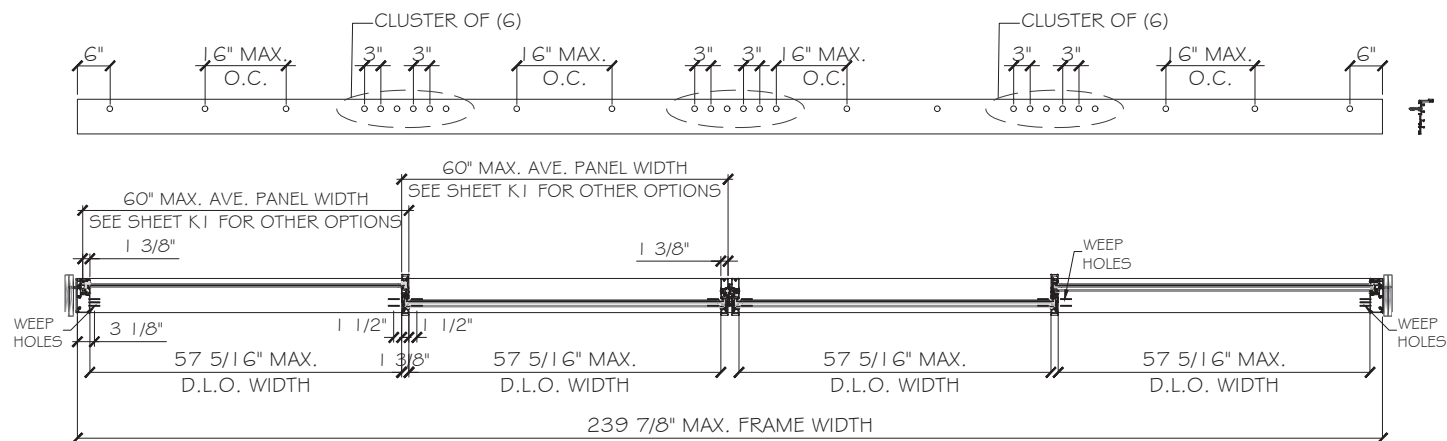
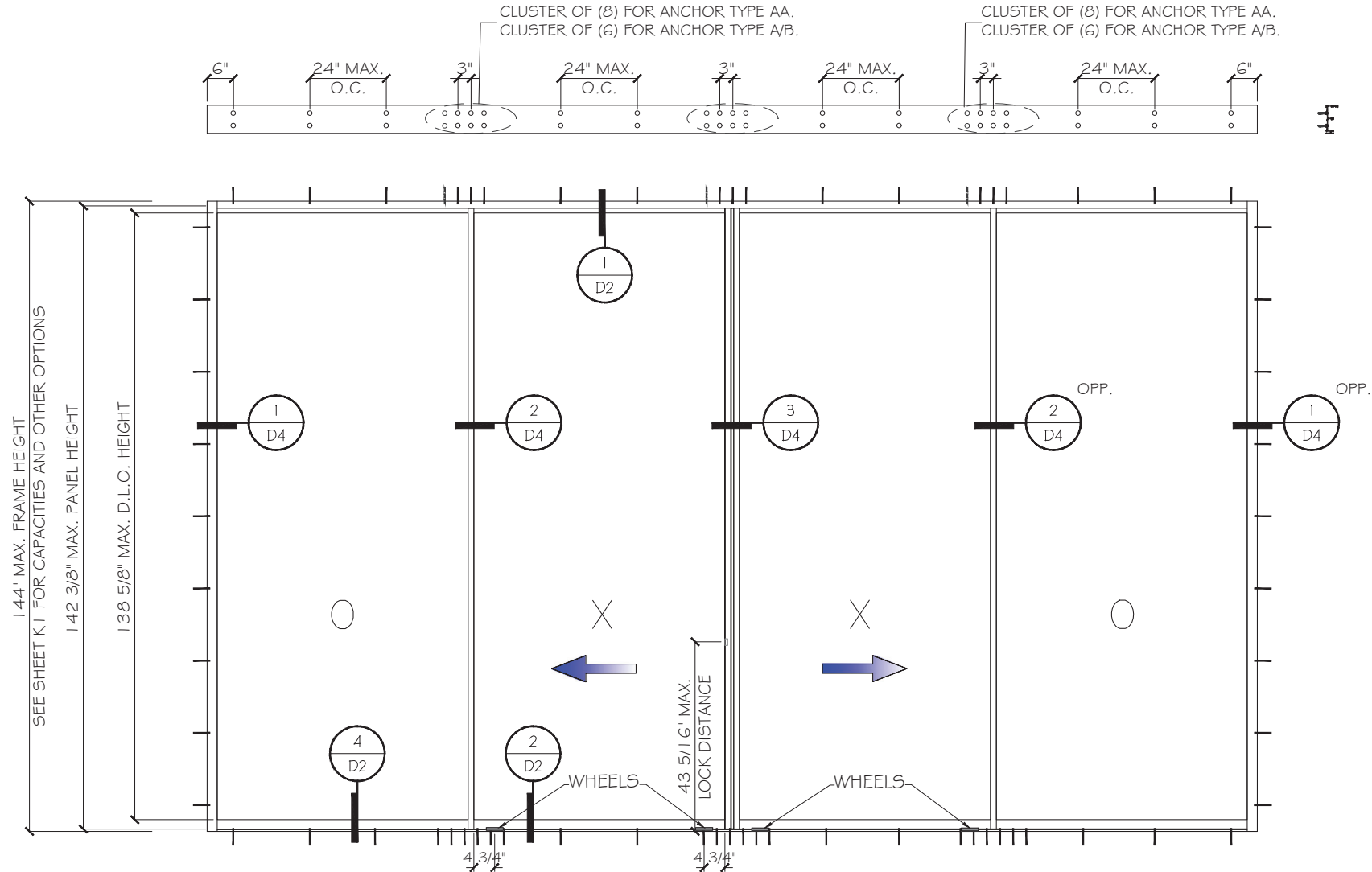
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Sheet No.
01 OF 25



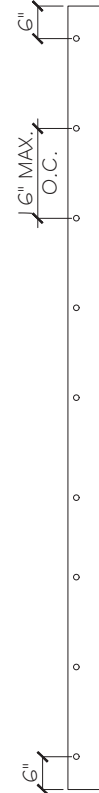
JAMB
ANCHOR
LAYOUT



EXTERIOR

TYPICAL EXTERIOR ELEVATIONS

SEE SHEET G1 FOR GLASS OPTIONS
SEE SHEET K1 FOR DESIGN LOAD
SEE SHEET E4 & E5 FOR OTHER CONFIGURATION
SEE SHEET A2#A4 FOR ANCHOR OPTIONS.



JAMB
ANCHOR
LAYOUT

FLORIDA APPROVAL:
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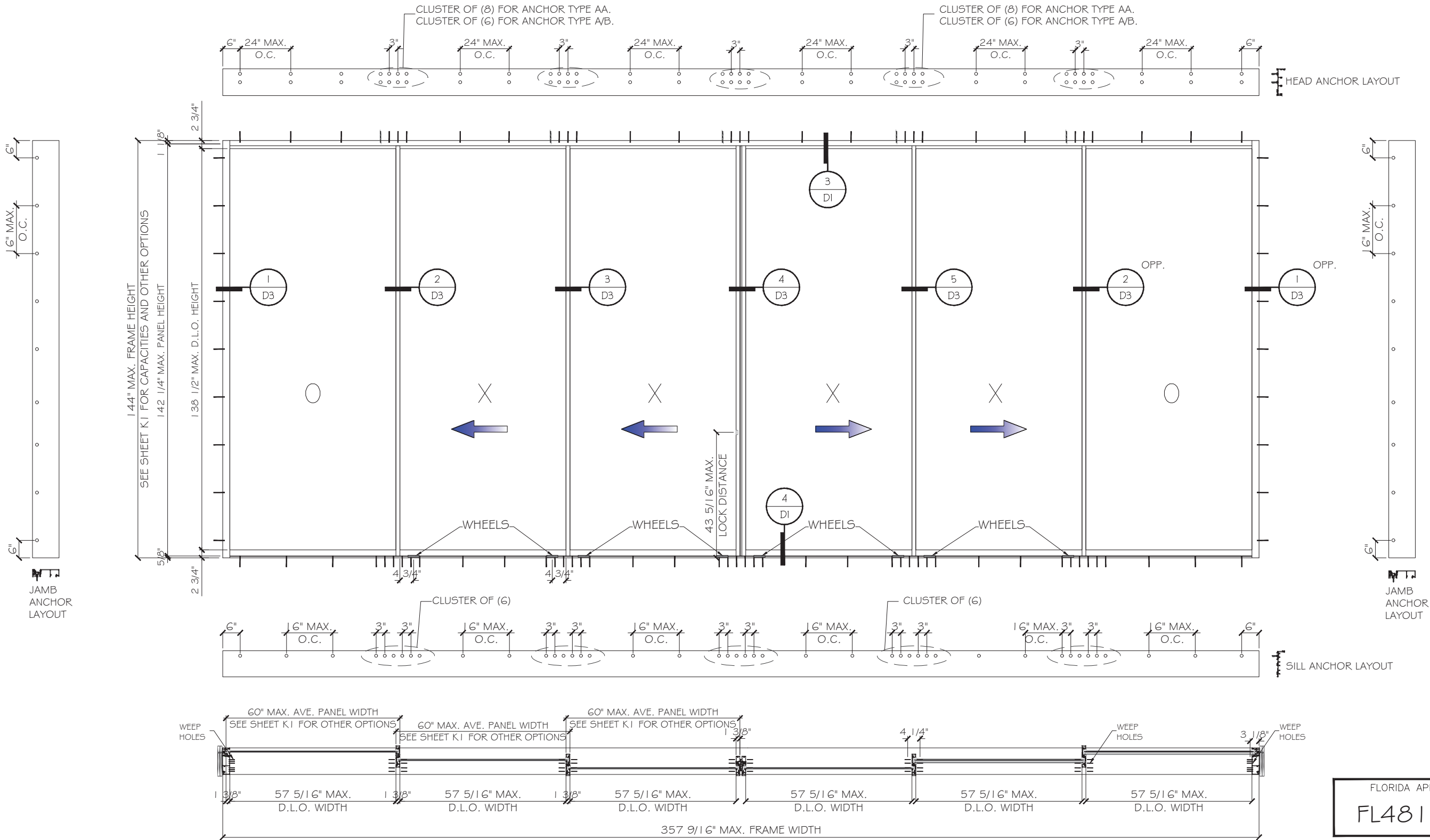
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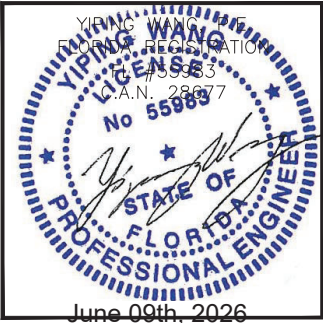
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TYPICAL EXTERIOR ELEVATIONS

SEE SHEET G1 FOR GLASS OPTIONS
SEE SHEET K1 FOR DESIGN LOAD
SEE SHEET E3 FOR OTHER CONFIGURATION
SEE SHEET A1 #A3 FOR ANCHOR OPTIONS.

FLORIDA APPROVAL:
FL48152.1



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R0	04.30.2026	JAMES	NEW APPLICATION

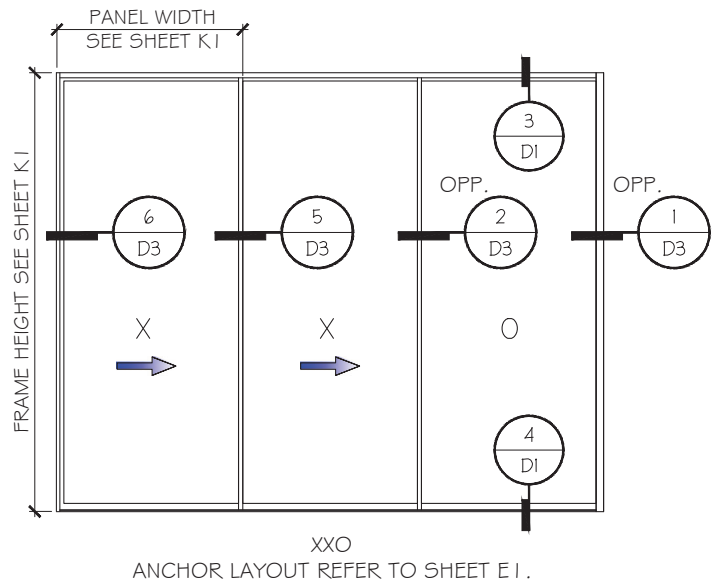
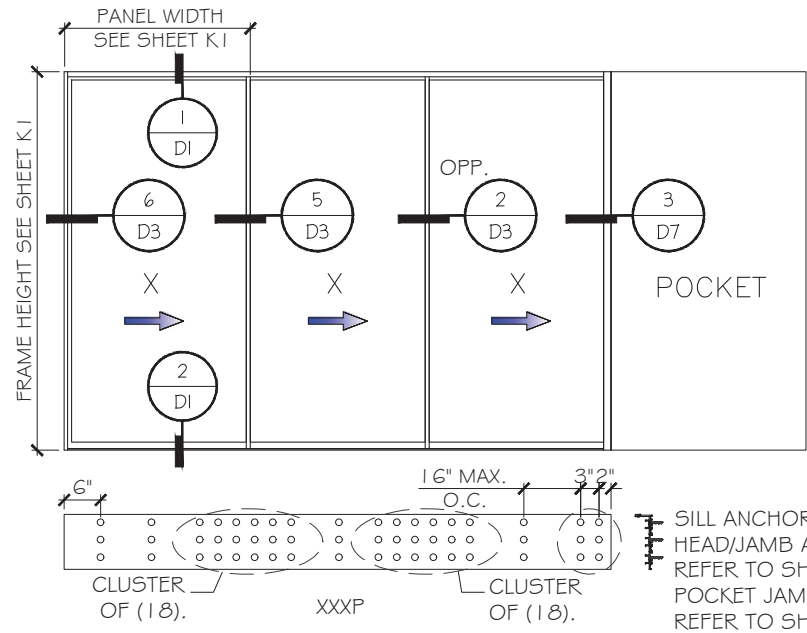
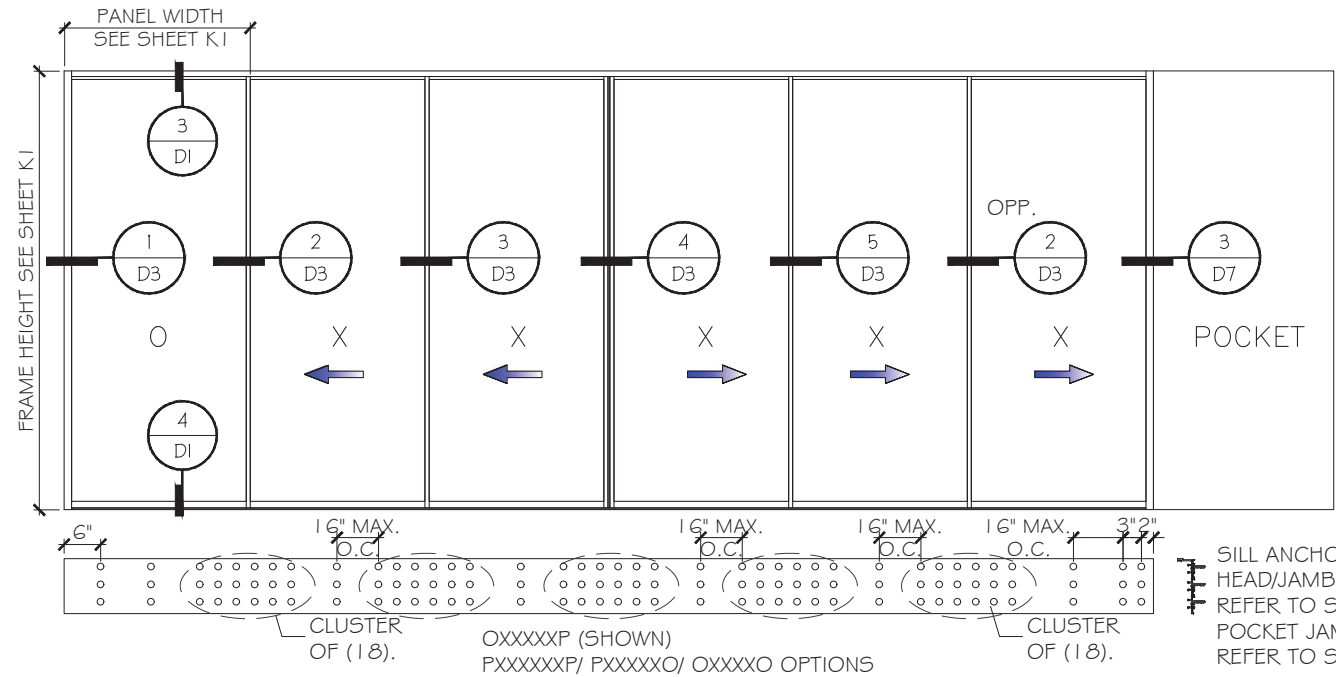
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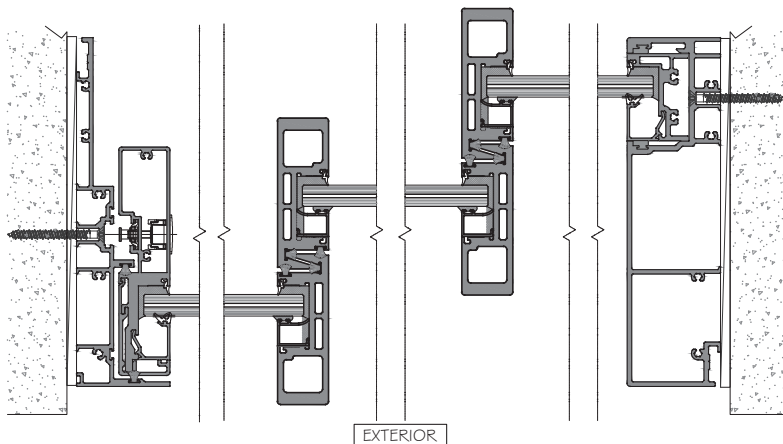
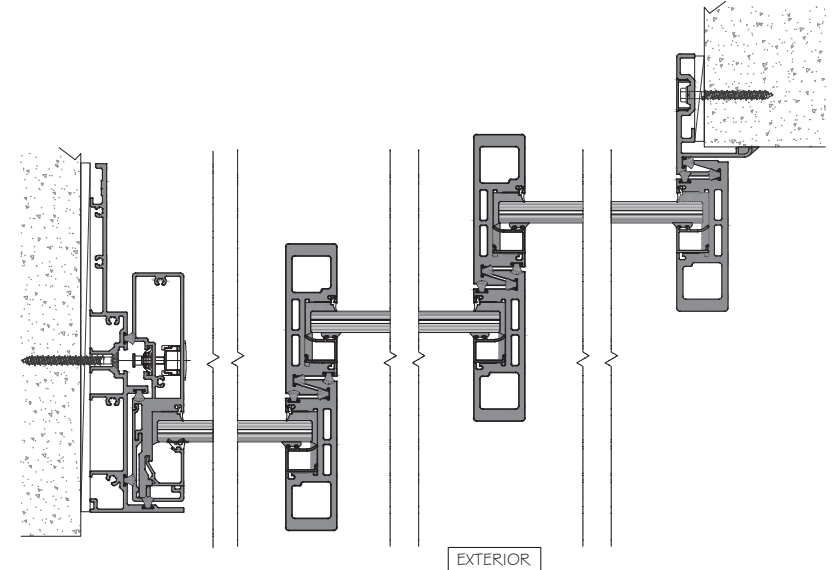
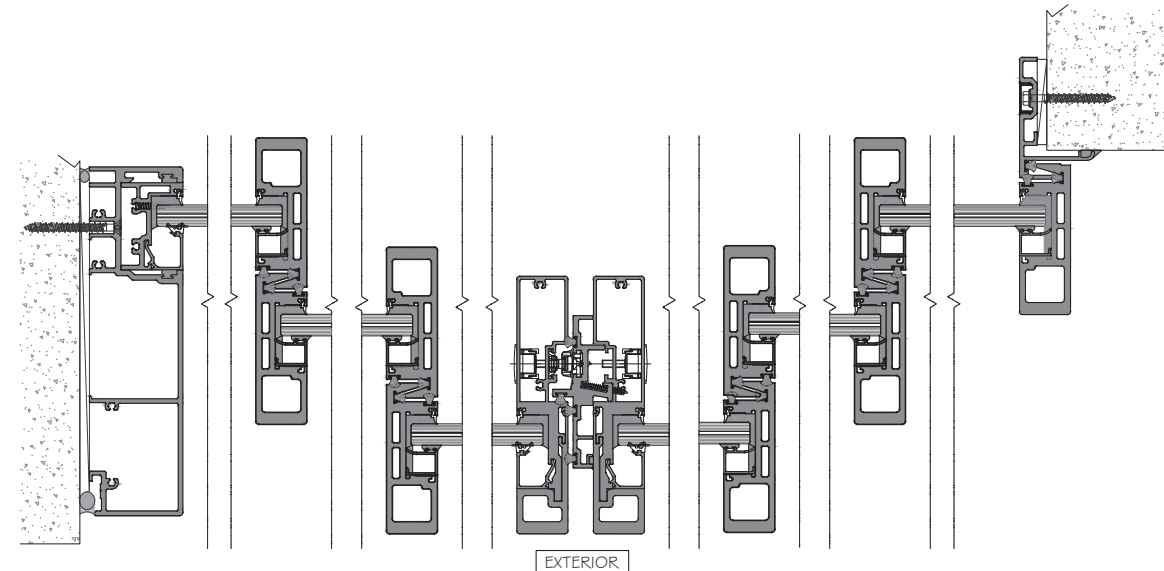
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Sheet No.
03 OF 25

3 TRACK SLIDING DOOR CONFIGURATION



LAMINATED GLASS AS SHOWN, SEE SHEET G1 FOR INSULATED LAMINATED GLASS OPTIONS
HEAVY INTERLOCK AS SHOWN, LIGHT INTERLOCK OPTION SEE SHEET K1.



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FL48152.1

YIPING WANG
REGISTERED PROFESSIONAL ENGINEER
A.N. 28677
No 55889

June 09th, 2026

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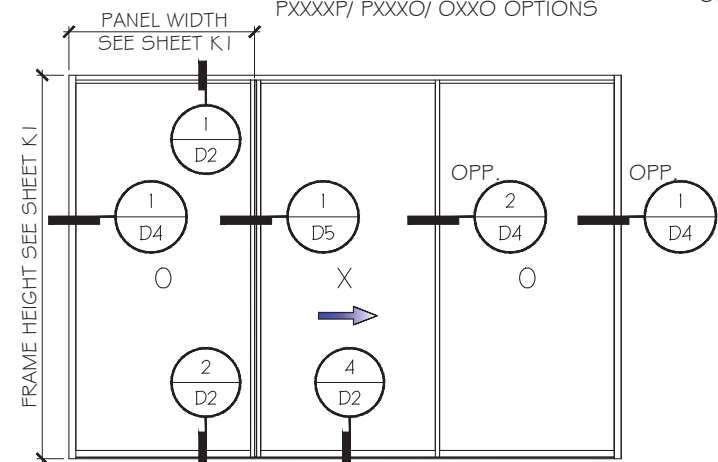
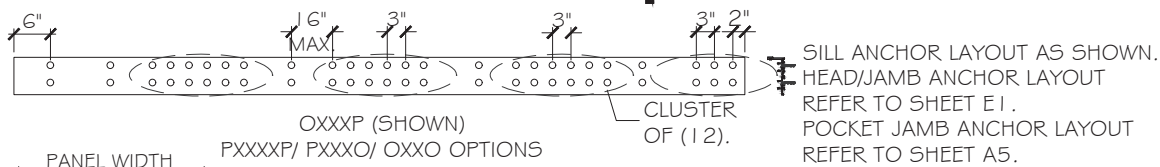
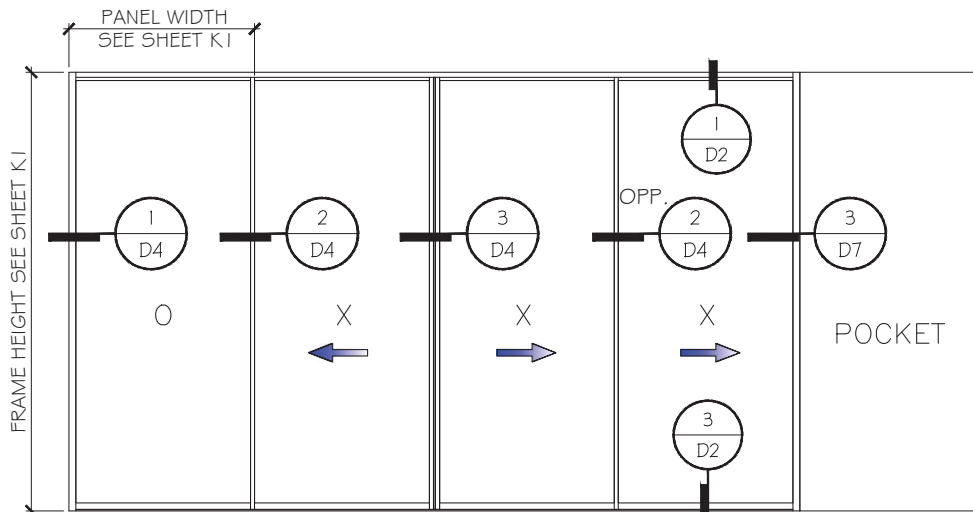
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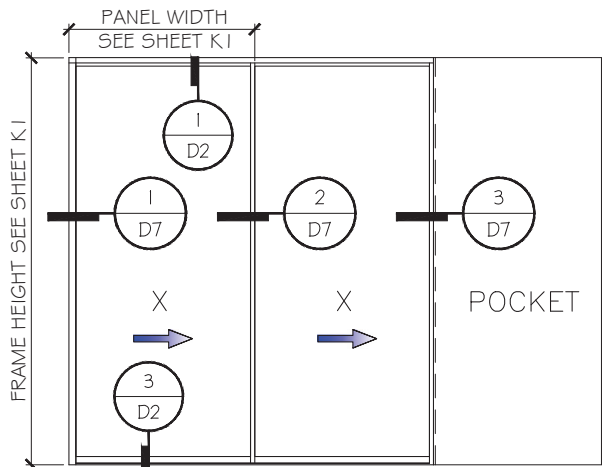
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Sheet No. 04 OF 25

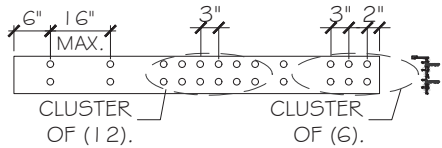
2 TRACK SLIDING DOOR CONFIGURATION



OXO (SHOWN)
PXXXXP/ PXXXO/ OXXO OPTIONS
ANCHOR LAYOUT REFER TO SHEET E2.

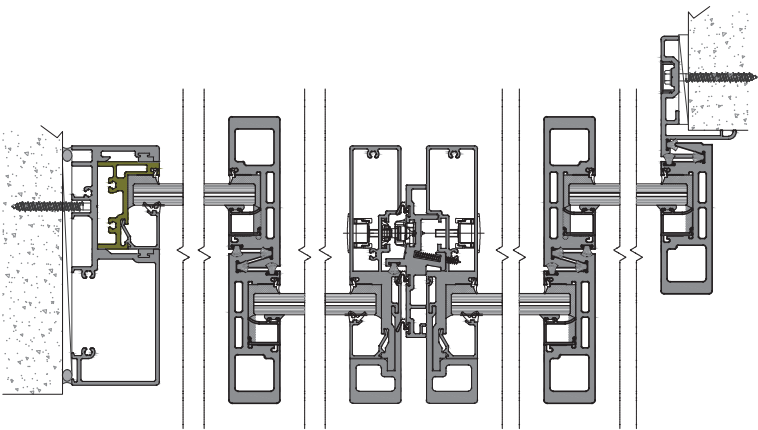


XXP (SHOWN)
PXX OPTIONS

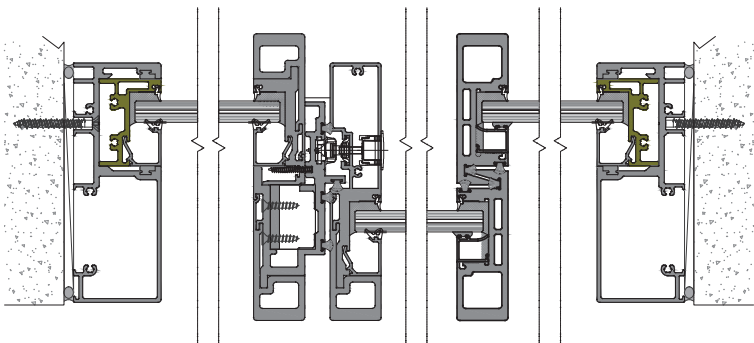


SILL ANCHOR LAYOUT AS SHOWN.
HEAD/JAMB ANCHOR LAYOUT
REFER TO SHEET E1.
POCKET JAMB ANCHOR LAYOUT
REFER TO SHEET A5.

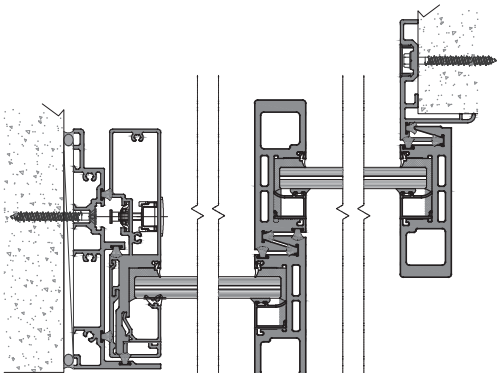
LAMINATED GLASS AS SHOWN, SEE SHEET G1 FOR INSULATED LAMINATED GLASS OPTIONS
HEAVY INTERLOCK AS SHOWN, LIGHT INTERLOCK OPTION SEE SHEET K1.



EXTERIOR



EXTERIOR



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REGISTERED PROFESSIONAL ENGINEER
No 55889
A.N. 28677
June 09th, 2026

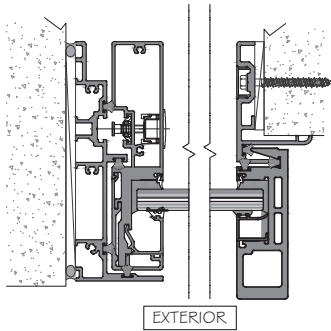
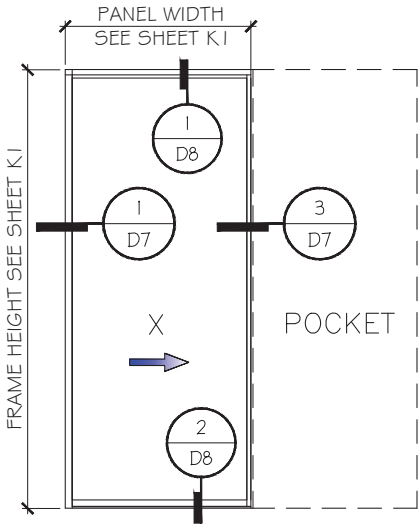
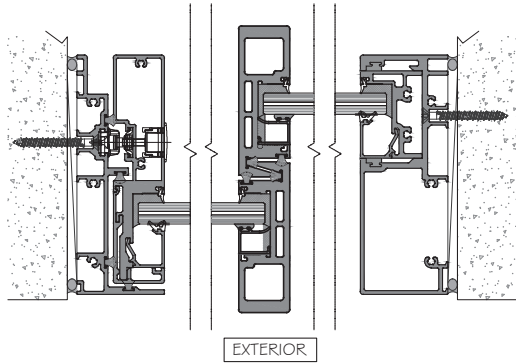
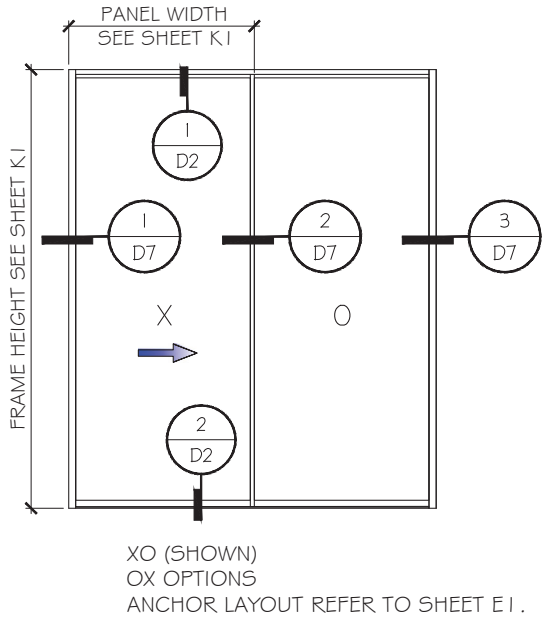
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DRAUGHTING NO. AD26-13			
E4			
Sheet No. 05 OF 25			

2 TRACK SLIDING DOOR CONFIGURATION



LAMINATED GLASS AS SHOWN, SEE SHEET G1 FOR INSULATED LAMINATED GLASS OPTIONS
HEAVY INTERLOCK AS SHOWN, LIGHT INTERLOCK OPTION SEE SHEET K1.

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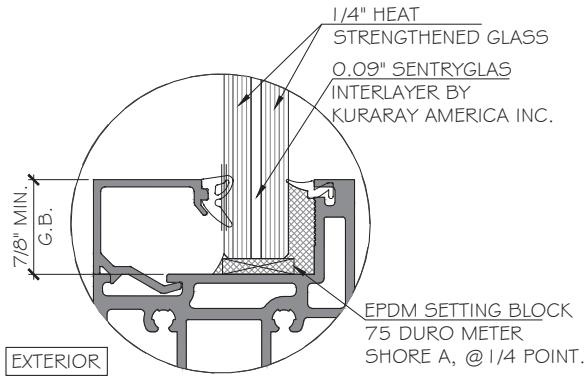
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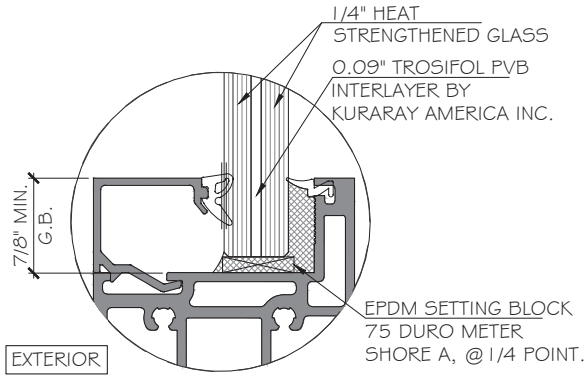
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AD26-13

E5

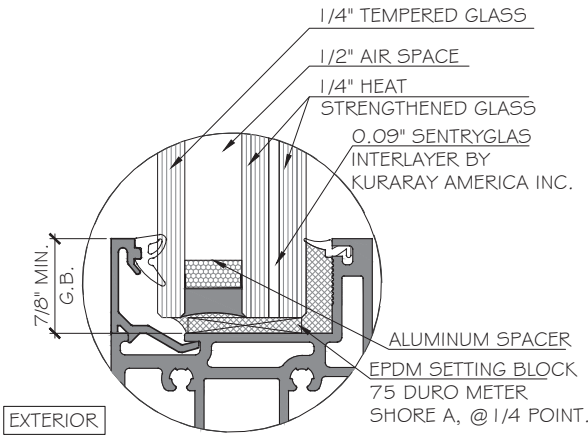
Sheet No.
06 OF 25



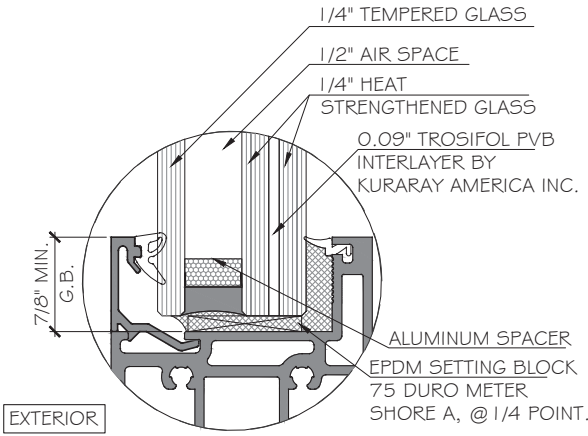
G1 GLASS TYPE 'G1'
9/16" NOMINAL OVERALL



G3 GLASS TYPE 'G3'
9/16" NOMINAL OVERALL



G2 GLASS TYPE 'G2'
1 5/16" NOMINAL OVERALL



G4 GLASS TYPE 'G4'
1 5/16" NOMINAL OVERALL

NOTE:
GLASS COMPLIES WITH ASTM E1300-16
(3 SEC. GUSTS). GLASS G1 & G2 COMPLY
WITH ANSI Z97.1

FLORIDA APPROVAL:
FL48152.1

YIPING WANG
REGISTERED PROFESSIONAL ENGINEER
STATE OF FLORIDA
LICENSE NO. 55889
June 09th, 2026

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PARKWAY #301
MIRAMAR, FL 33027
P: 305.588.5224
www.MCYEngineering.com mcy@mcyengineering.com

2 TRACK AND 3 TRACK SLIDING DOOR - LARGE MISSILE IMPACT

UNIK FENESTRATION
KM 8.5 VIA DURAN TAMBO
GUAYAS, ECUADOR
<https://www.vetrikoe.com>

Rev.	No.	Date	Drawn By	Description
R1	06.09.2026	JAMES	JAMES	NEW APPLICATION
R0	04.30.2026	JAMES	JAMES	NEW APPLICATION

Drawn Date: 06.09.2026
Scale: AS SHOWN

DRAWING NO.
AD26-13

G1

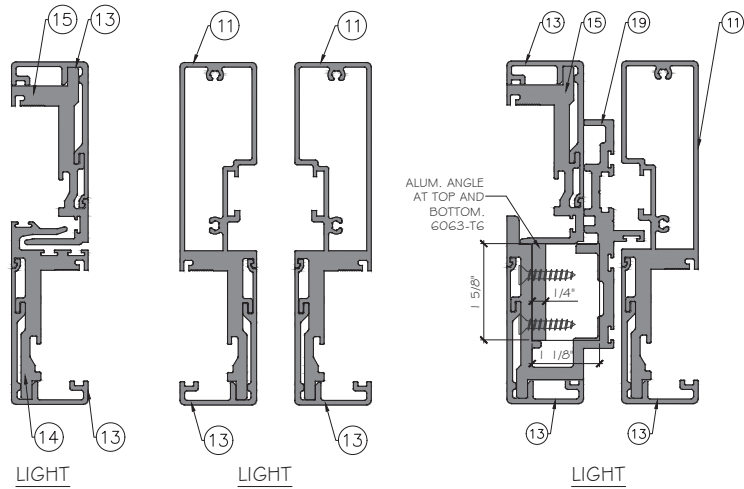
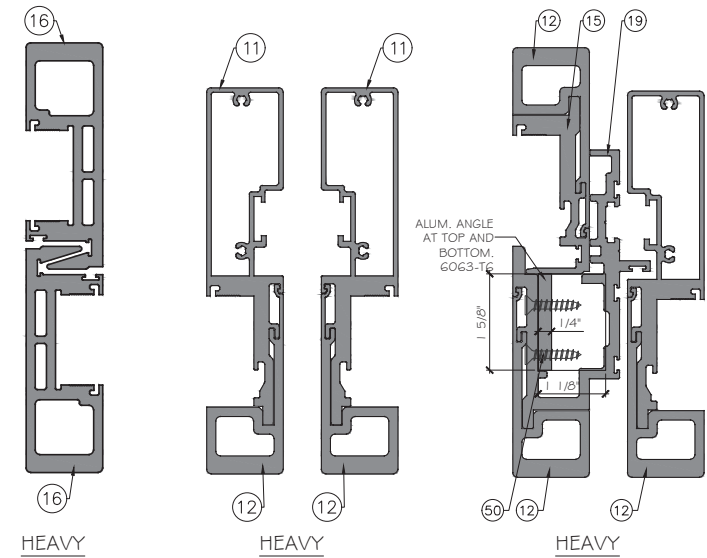
Sheet No.
07 OF 25

DESIGN LOAD CAPACITY - PSF HEAVY INTERLOCK & ASTRAGAL		
NOMINAL DIMS.		GLASS TYPE
AVE. PANEL WIDTH	FRAME HEIGHT	'G1/G2'
INCH	INCH	EXT(+) INT(-)
66	90	68.2
72	90	62.5
78	90	57.7
66	96	68.2
72	96	62.5
78	96	57.7
60	102	75.0
66	102	68.2
72	102	62.5
60	108	75.0
66	108	68.2
72	108	62.5
60	114	75.0
66	114	68.2
72	114	62.5
60	120	75.0
66	120	68.2
72	120	62.5
54	126	75.0
60	126	75.0
66	126	68.2
54	132	75.0
60	132	75.0
48	138	75.0
54	138	75.0
60	138	75.0
48	144	75.0
54	144	75.0
60	144	75.0
48	150	75.0
54	150	72.4
48	156	71.4
54	156	64.1
42	162	72.0
48	162	63.6
42	168	64.5
48	168	56.9

DESIGN LOAD CAPACITY - PSF LIGHT INTERLOCK & ASTRAGAL		
NOMINAL DIMS.		GLASS TYPE
AVE. PANEL WIDTH	FRAME HEIGHT	'G1/G2'
INCH	INCH	EXT(+) INT(-)
54	90	70.0
60	90	63.0
66	90	57.3
72	90	52.5
48	96	70.0
54	96	70.0
60	96	63.0
66	96	57.3
48	102	70.0
54	102	70.0
60	102	63.0
48	108	70.0
54	108	70.0
60	108	63.0
42	114	70.0
48	114	70.0
54	114	70.0
42	120	70.0
48	120	70.0
54	120	70.0
42	126	70.0
48	126	66.4
42	132	64.9
48	132	57.5
42	138	56.6
42	144	49.6

DESIGN LOAD CAPACITY - PSF LIGHT INTERLOCK & ASTRAGAL		
NOMINAL DIMS.		GLASS TYPE
AVE. PANEL WIDTH	FRAME HEIGHT	'G3/G4'
INCH	INCH	EXT(+) INT(-)
36	90	70.0
42	90	66.7
48	90	58.3
36	96	70.0
42	96	66.7
36	102	70.0
42	102	66.7
36	108	70.0
40	108	70.0
36	114	65.1
36	120	55.6

NOTE:
D.L.O. WIDTH = PANEL WIDTH - 2 3/4"
D.L.O. HEIGHT = PANEL HEIGHT - 3 3/4"



FLORIDA APPROVAL:

FL48152.1

YIPING WANG
FLORIDA REGISTRATION
4559933
A.N. 28977

No 55983

STATE OF
FLORIDA

PROFESSIONAL ENGINEER

June 09th, 2026

 MCY ENGINEERING, INC. GLAZING CONSULTANTS 12781 MIRAMAR PARKWAY #301 MIRAMAR, FL. 33027 P: 305.588.5224 www.MCYEngineering.com mcy@mcyengineering.com	2 TRACK AND 3 TRACK SLIDING DOOR - LARGE MISSILE IMPACT									
	UNIK FENESTRATION									
	KM 8.5 VIA DURAN TAMBO GUAYAS, ECUADOR									
	https://www.vetrikoec.com									
					R1	06.09.2026	JAMES	NEW APPLICATION		
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Drawn Date 06.09.2026		Scale AS SHOWN		Rev. No.	Date	Drawn By	Description			
DRAWING NO.										
AD26-13										
K1										
Sheet No.										
08 OF 25										

HEAD/SILL ANCHOR TYPES:

ANCHOR TYPE 'AA' - 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
WITH 1 1/2" MIN. PENETRATION. (HEAD)

OR THRU 1BY/2BY WOOD BUCKS INTO CONCRETE
WITH 1 3/4" MIN. EMBEDMENT. (HEAD)

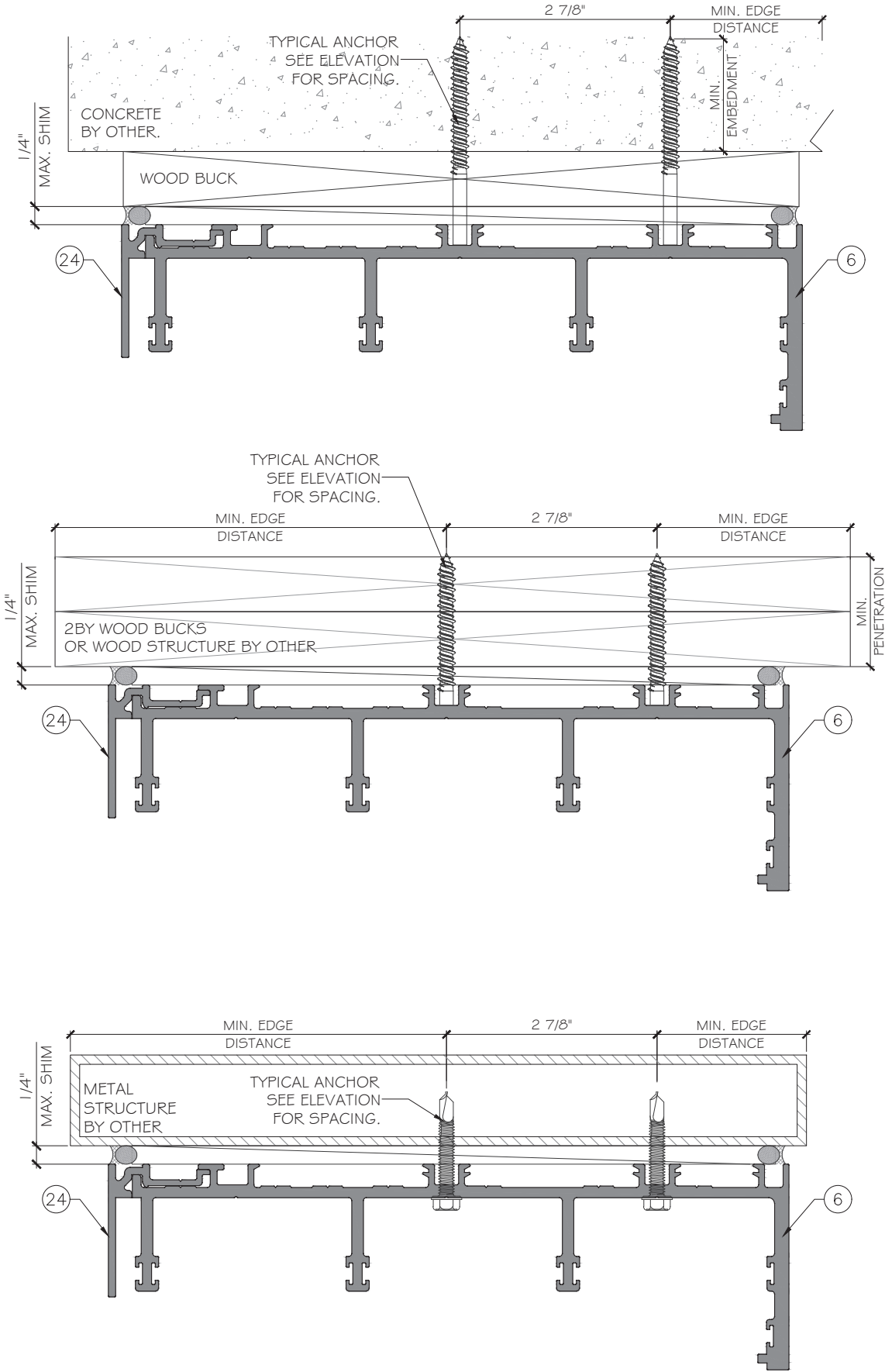
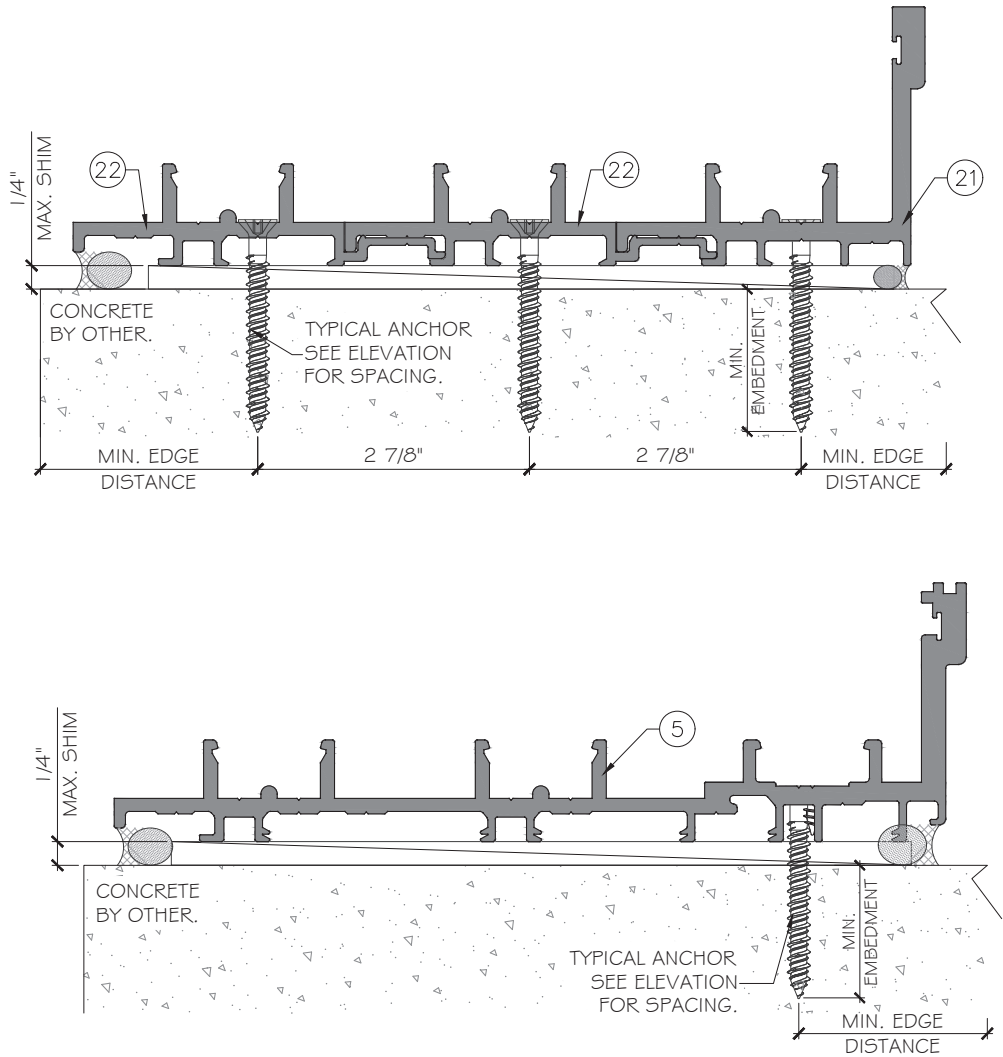
ANCHOR TYPE 'A' - 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE
WITH 1 3/4" MIN. EMBEDMENT. (HEAD/SILL)

ANCHOR TYPE 'B' - 1/4" DIA. SELF-DRILLING SCREWS, GRADE 5 (Fu=120KSI, Fy=92KSI)
INTO F.B.C. APPROVED ALUMINUM MULLIONS OR METAL STRUCTURES.
(3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE. (HEAD)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

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

SUBSTRATE
WOOD :SG=0.55MIN.
CONCRETE : fc=3000 PSI MIN.
GROUT FILLED BLOCK: fm=2000 KSI.
ALUMINUM : 1/8" THK. MIN. (6063-T5, MIN)
STEEL : 12GA THK. MIN. (Fy=36KSI MIN)

NOTE:
METAL STRUCTURES OR WOOD STRUCTURES BY OTHERS TO BE DESIGNED AND
ANCHORED PROPERLY TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING
SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.



FLORIDA APPROVAL:
FL48152.1

YIPING WANG
Professional Engineer
No 55889
A.N. 28677
June 09th, 2026

FLORIDA
STATE ENGINEER

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
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Drawn Date: 06.09.2026
Scale: AS SHOWN

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AD26-13

A1
Sheet No.
09 OF 25

HEAD/SILL ANCHOR TYPES:

ANCHOR TYPE 'AA' - 1/4" DIA. ULTRA-CON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
WITH 1 1/2" MIN. PENETRATION. (HEAD)

OR THRU 1BY/2BY WOOD BUCKS INTO CONCRETE
WITH 1 3/4" MIN. EMBEDMENT. (HEAD)

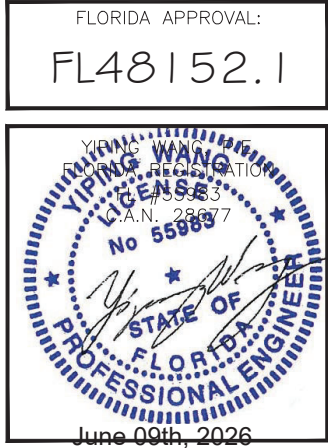
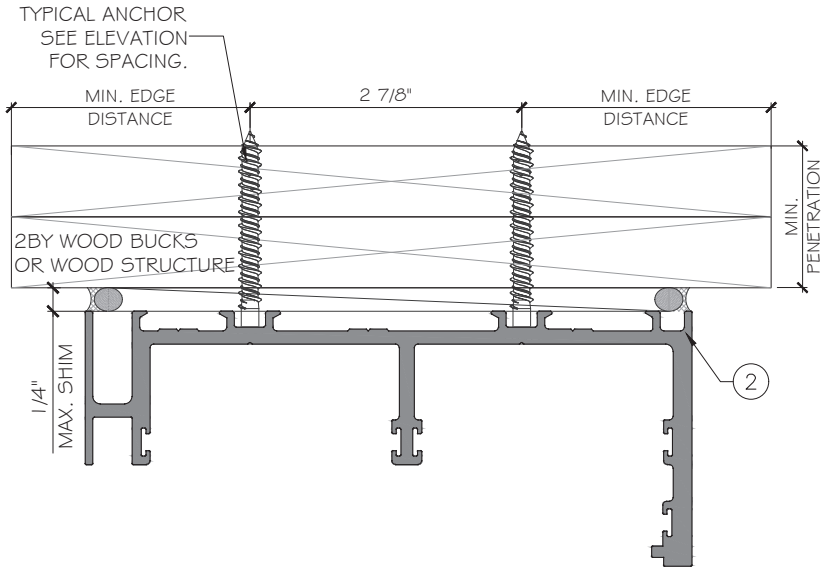
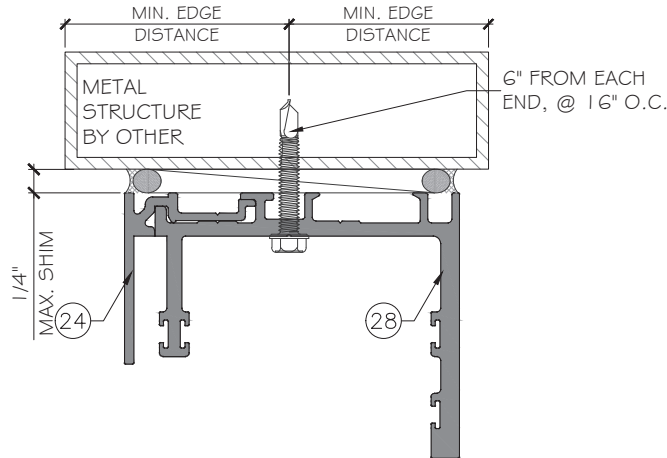
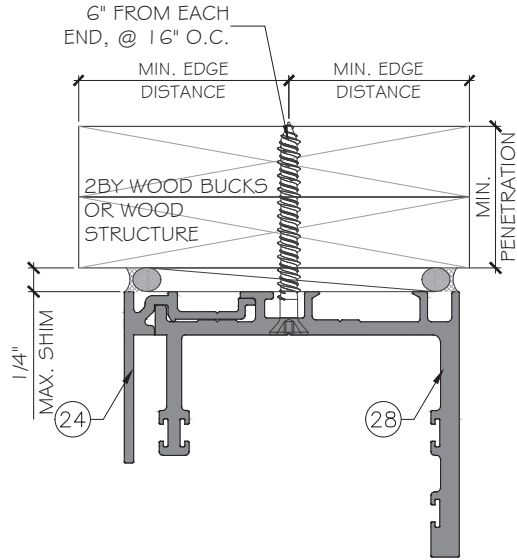
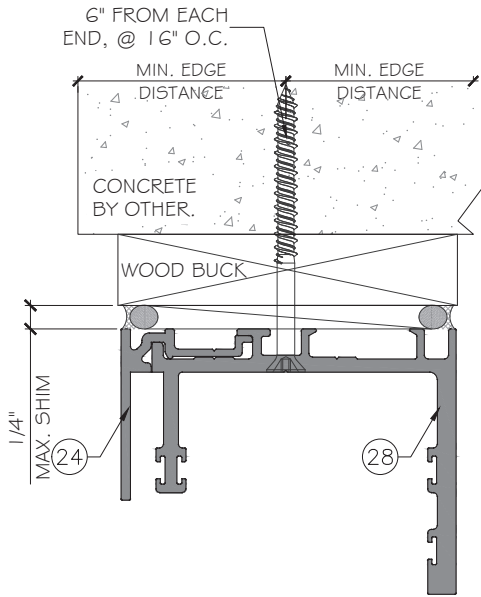
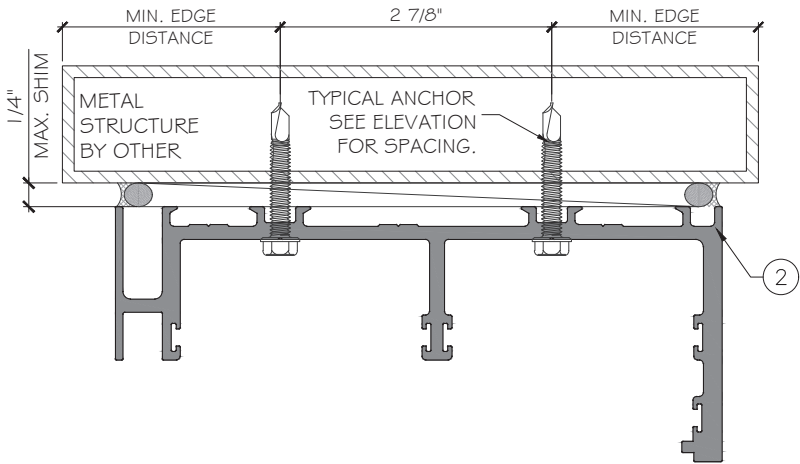
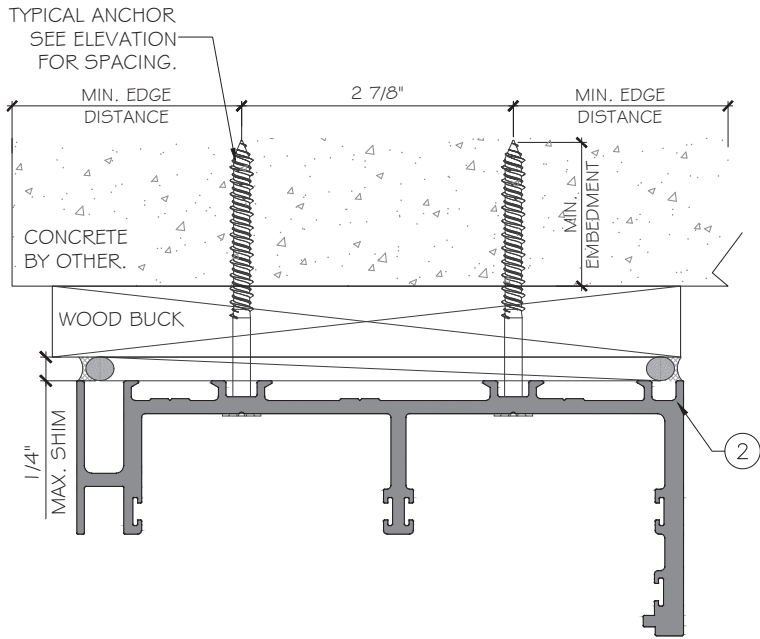
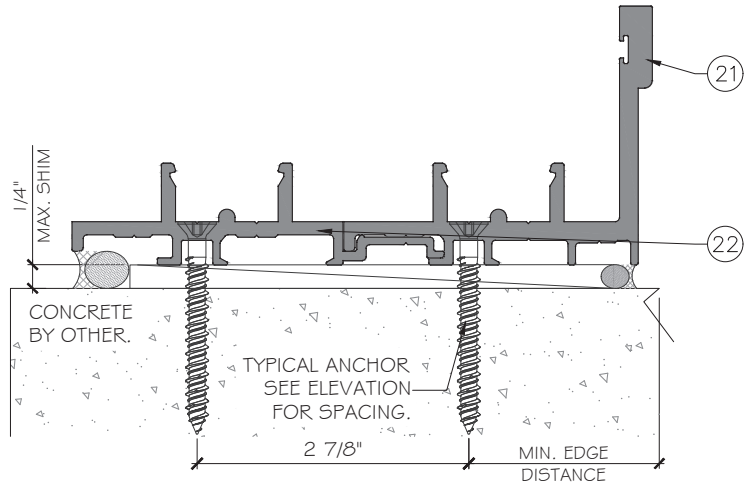
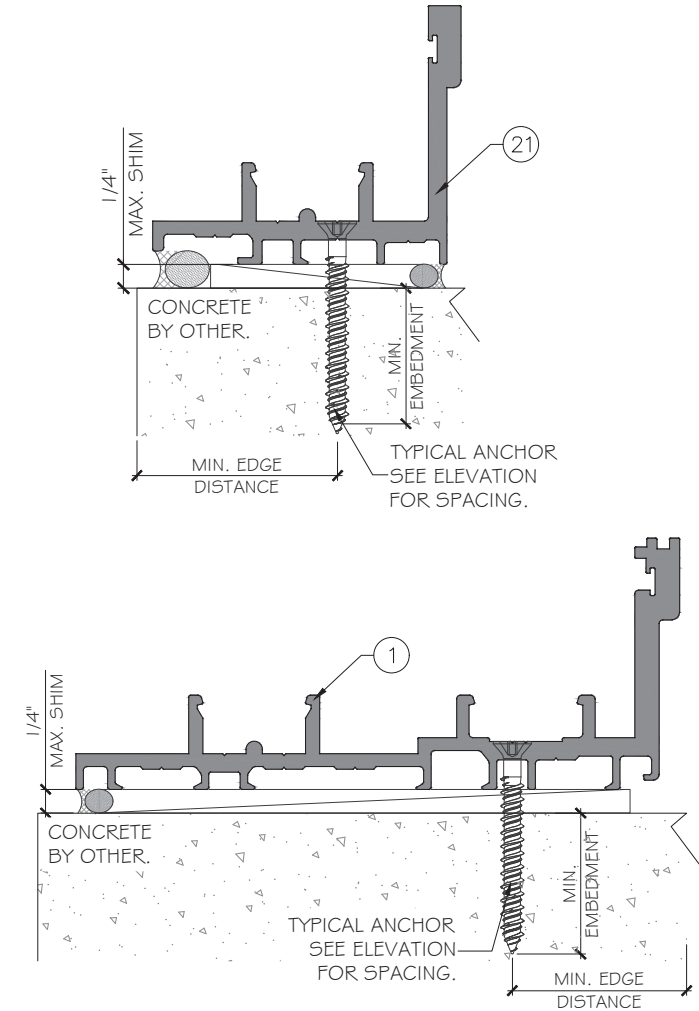
ANCHOR TYPE 'A' - 1/4" DIA. ULTRA-CON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE
WITH 1 3/4" MIN. EMBEDMENT. (HEAD/SILL)

ANCHOR TYPE 'B' - 1/4" DIA. SELF-DRILLING SCREWS, GRADE 5 (Fu=120KSI, Fy=92KSI)
INTO F.B.C. APPROVED ALUMINUM MULLIONS OR METAL STRUCTURES.
(3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE. (HEAD)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

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

SUBSTRATE
WOOD :SG=0.55MIN.
CONCRETE : f'c=3000 PSI MIN.
GROUT FILLED BLOCK: f'm=2000 KSI.
ALUMINUM : 1/8" THK. MIN. (6063-T5, MIN)
STEEL : 12GA THK. MIN. (Fy=36KSI MIN)

NOTE:
METAL STRUCTURES OR WOOD STRUCTURES BY OTHERS TO BE DESIGNED AND
ANCHORED PROPERLY TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING
SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.



2 TRACK AND 3 TRACK SLIDING DOOR - LARGE MISSILE IMPACT

UNIK FENESTRATION
KM 8.5 VIA DURAN TAMBO
GUAYAS, ECUADOR
<https://www.vetrikoe.com>

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Drawn Date	06.09.2026	Scale	AS SHOWN	
DRAWING NO.				
AD26-13				
A2				
Sheet No.				
10 OF 25				

MCY ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PARKWAY #301

MIRAMAR, FL 33027

P: 305.588.5224

www.MCYEngineering.com

mcy@mcyengineering.com

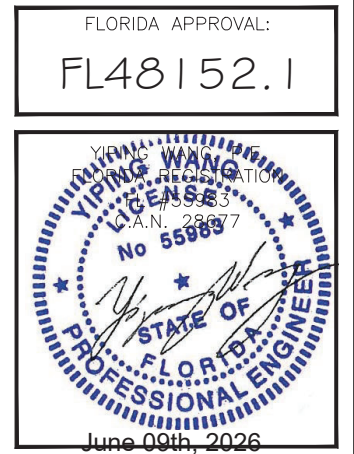
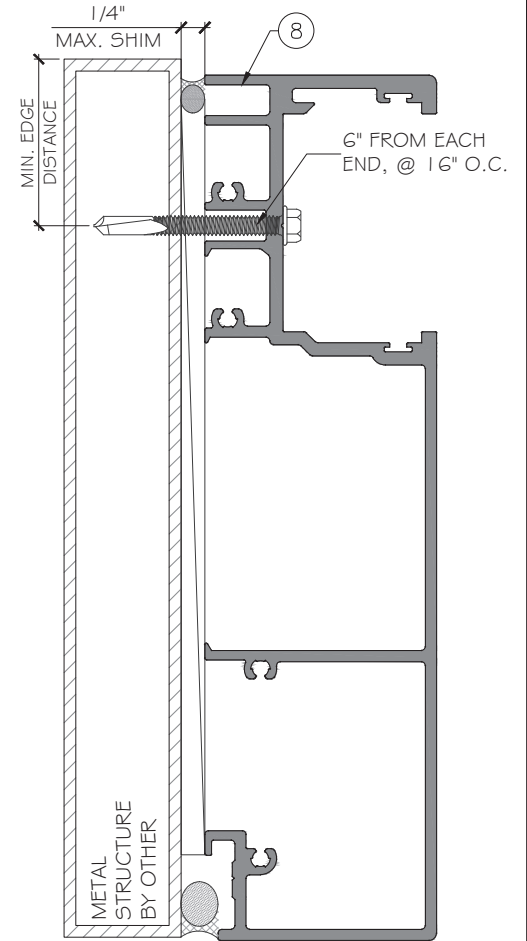
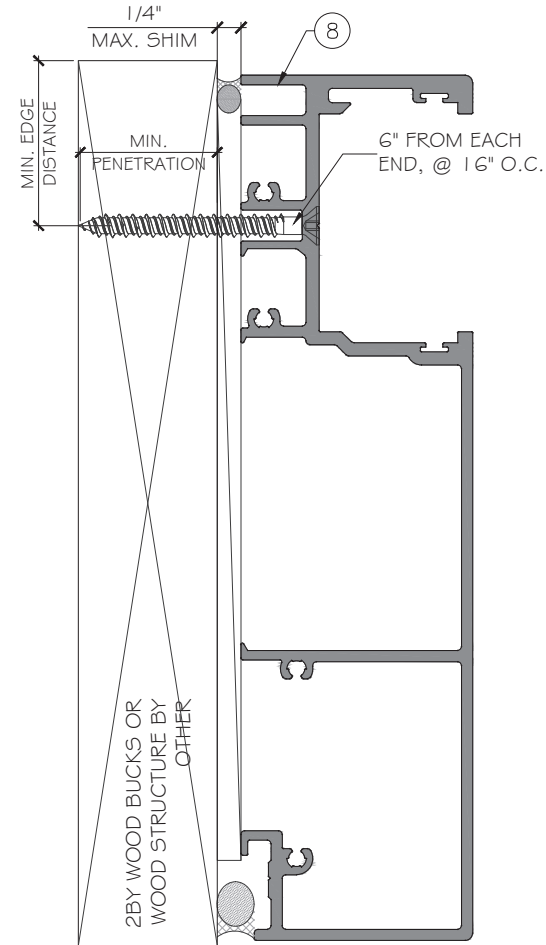
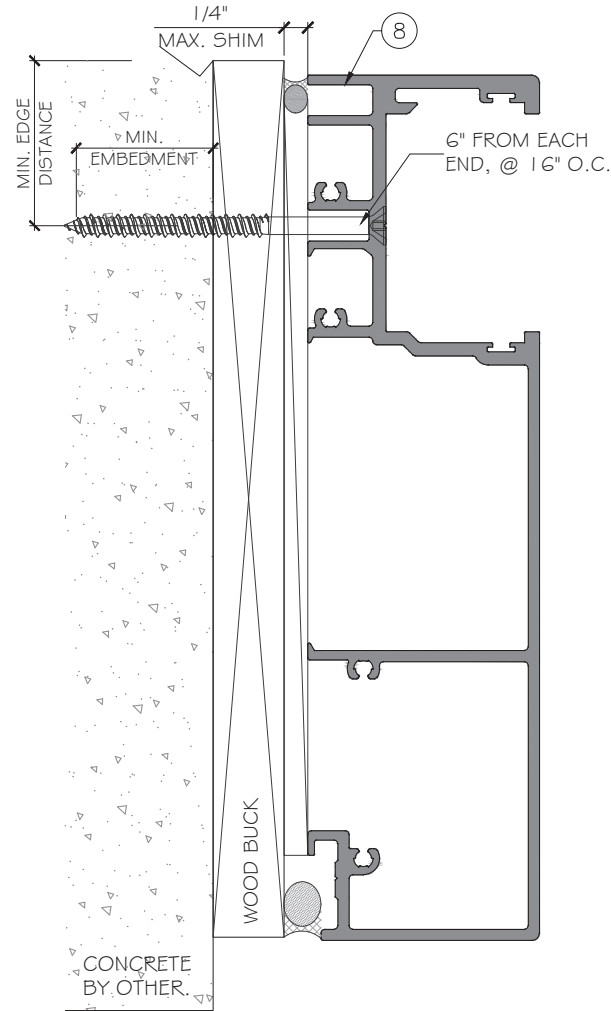
ANCHOR TYPE 'AA' - 1/4" DIA. ULTRACON+ BY 'DEWALT' (F_U=164 KSI, F_y=148 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 WITH 1 1/2" MIN. PENETRATION.

OR DIRECTLY INTO GROUT FILLED BLOCK
WITH 1 3/4" MIN. EMBEDMENT.

ANCHOR TYPE 'B' - 1/4" DIA. SELF-DRILLING SCREWS, GRADE 5 ($F_u = 120\text{ KSI}$, $F_y = 92\text{ KSI}$) INTO F.B.C. APPROVED ALUMINUM MULLIONS OR METAL STRUCTURES.
(3) THREADS MIN. PENETRATION BEYOND METAL SUBSTRATE.
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

SUBSTRATE
WOOD :SG=0.55MIN.
CONCRETE : $f_c=3000$ PSI MIN.
GROUT FILLED BLOCK: $f_m=2000$ KSI.
ALUMINUM : 1/8" THK. MIN. (6063-T5, MIN)
STEEL : 1/2GA THK. MIN. ($F_y=36$ KSI MIN)

NOTE:
METAL STRUCTURES OR WOOD STRUCTURES BY OTHERS TO BE DESIGNED AND ANCHORED PROPERLY TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.



2000

UNIK FENESTRATION

RM 8.5 VIA DURAN TAMBO
GUAYAS, ECUADOR

<https://www.vetrikoeec.com>

MCT ENGINEERING, INC.
GLAZING CONSULTANTS

IRAMAR PARKWAY #301

MIRAMAR, FL. 33027 P:

engineering.com mc

JAMB ANCHOR TYPES:

ANCHOR TYPE 'AA' - 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
WITH 1 1/2" MIN. PENETRATION.

OR THRU 1 BY/2BY WOOD BUCKS INTO CONCRETE/ GROUT FILLED BLOCK
WITH 1 3/4" MIN. EMBEDMENT.

OR DIRECTLY INTO GROUT FILLED BLOCK
WITH 1 3/4" MIN. EMBEDMENT.

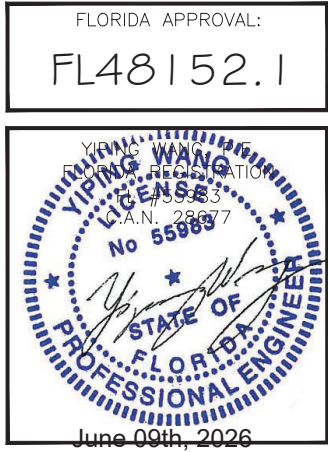
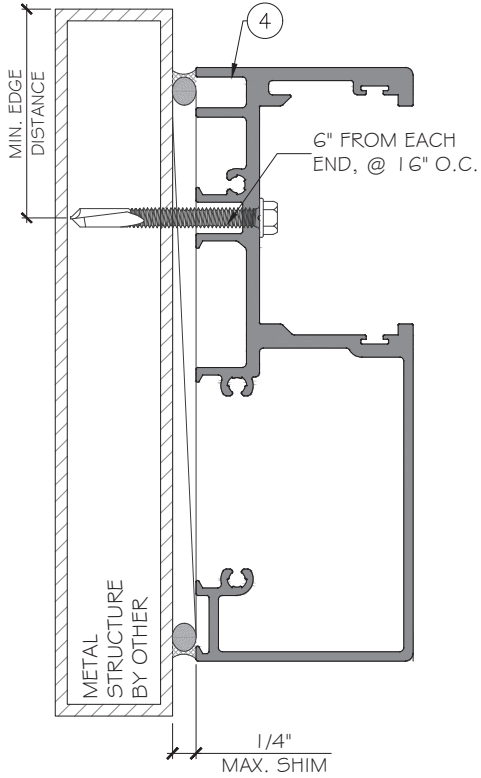
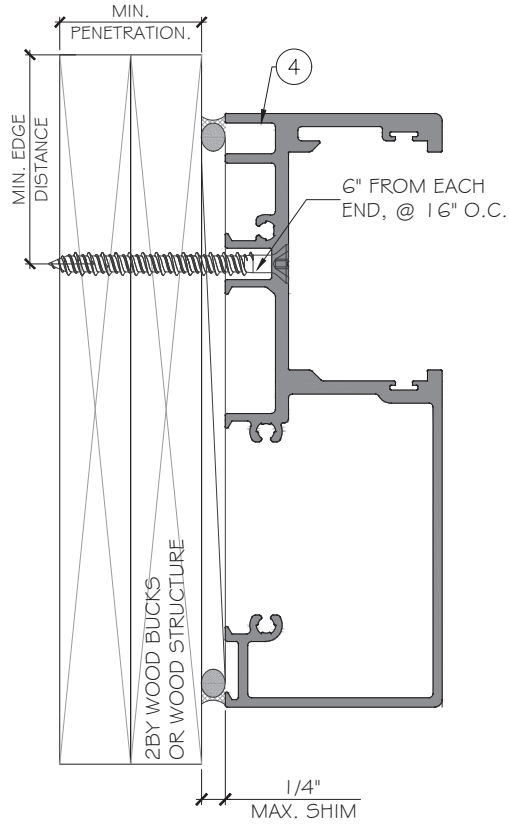
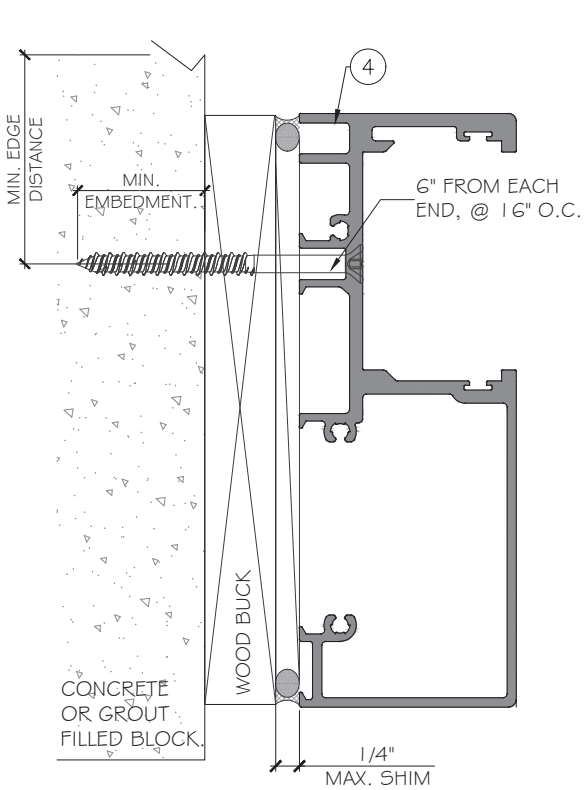
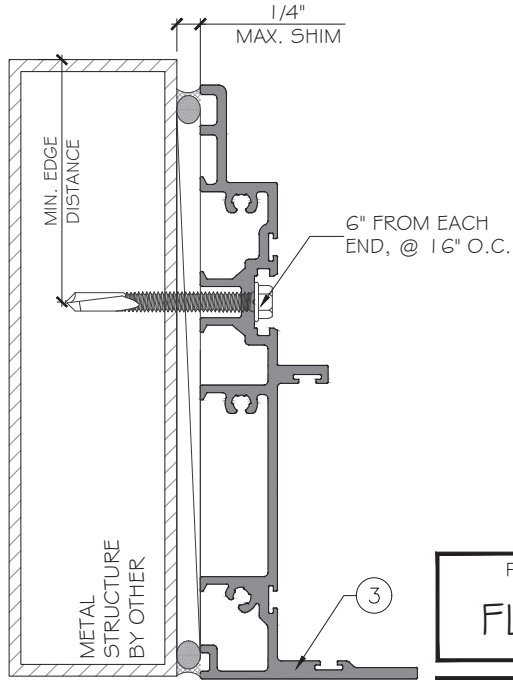
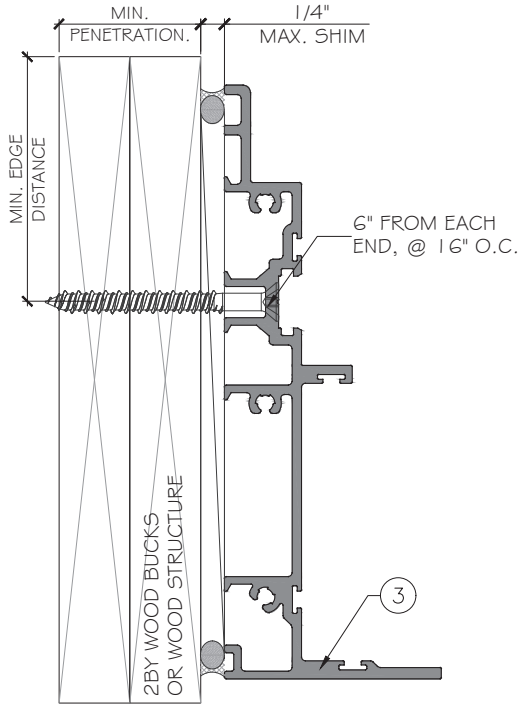
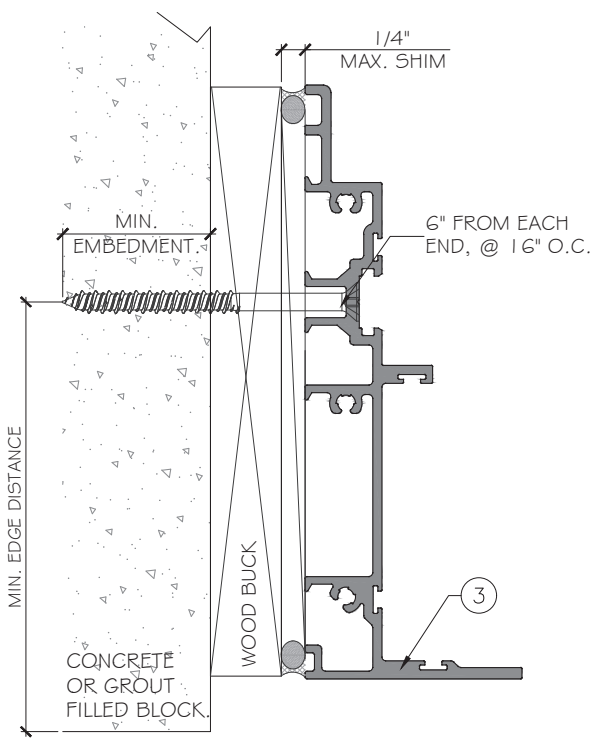
ANCHOR TYPE 'A' - 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
DIRECTLY INTO CONCRETE
WITH 1 3/4" MIN. EMBEDMENT.

ANCHOR TYPE 'B' - 1/4" DIA. SELF-DRILLING SCREWS, GRADE 5 (Fu=120KSI, Fy=92KSI)
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INTO METAL STRUCTURE = 3/4" MIN.

SUBSTRATE
WOOD :SG=0.55MIN.
CONCRETE : fc=3000 PSI MIN.
GROUT FILLED BLOCK: fm=2000 KSI.
ALUMINUM : 1/8" THK. MIN. (6063-T5, MIN)
STEEL :12GA THK. MIN. (Fy=36KSI MIN)

NOTE:
METAL STRUCTURES OR WOOD STRUCTURES BY OTHERS TO BE DESIGNED AND
ANCHORED PROPERLY TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING
SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.



2 TRACK AND 3 TRACK SLIDING DOOR - LARGE MISSILE IMPACT

UNIK FENESTRATION
KM 8.5 VIA DURAN TAMBO
GUAYAS, ECUADOR
<https://www.vetrikoe.com>

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AD26-13

A4

Sheet No.
12 OF 25

MCY ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PARKWAY #301

MIRAMAR, FL 33027

P: 305.588.5224

www.MCYEngineering.com

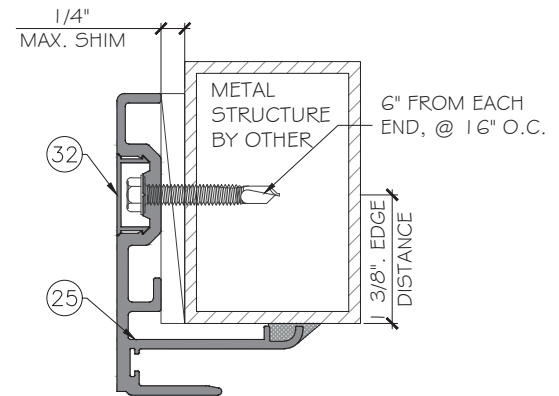
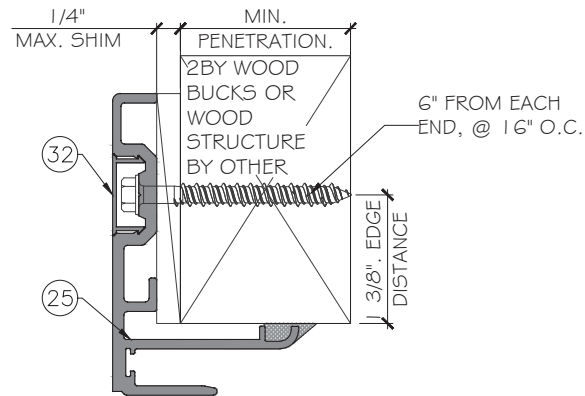
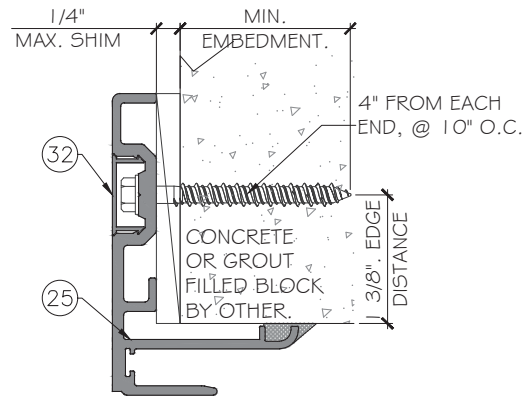
mcy@mcyeengineering.com

ANCHOR TYPE 'AA' - 1/4" DIA. ULTRACON+ BY 'DEWALT' (F_u=164 KSI, F_y=148 KSI)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
 WITH 1 1/2" MIN. PENETRATION.

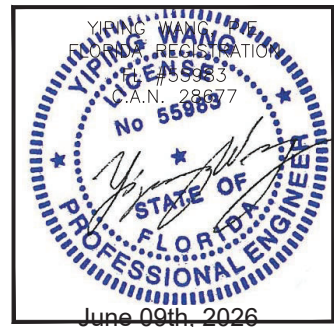
OR DIRECTLY INTO CONCRETE OR GROUT FILLED BLOCK
WITH 1 3/4" MIN. EMBEDMENT.

TYPICAL EDGE DISTANCE
 INTO CONCRETE/BLOCK = 1 3/8" MIN.
 INTO WOOD = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

NOTE:
METAL STRUCTURES OR WOOD STRUCTURES BY OTHERS TO BE DESIGNED AND ANCHORED PROPERLY TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.



FLORIDA APPROVAL:
FL48152.1



2 TRACK AND 3 TRACK SLIDING DOOR - LARGE MISSILE IMPACT

UNIK FENESTRATION

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GLAZING CONSULTANTS

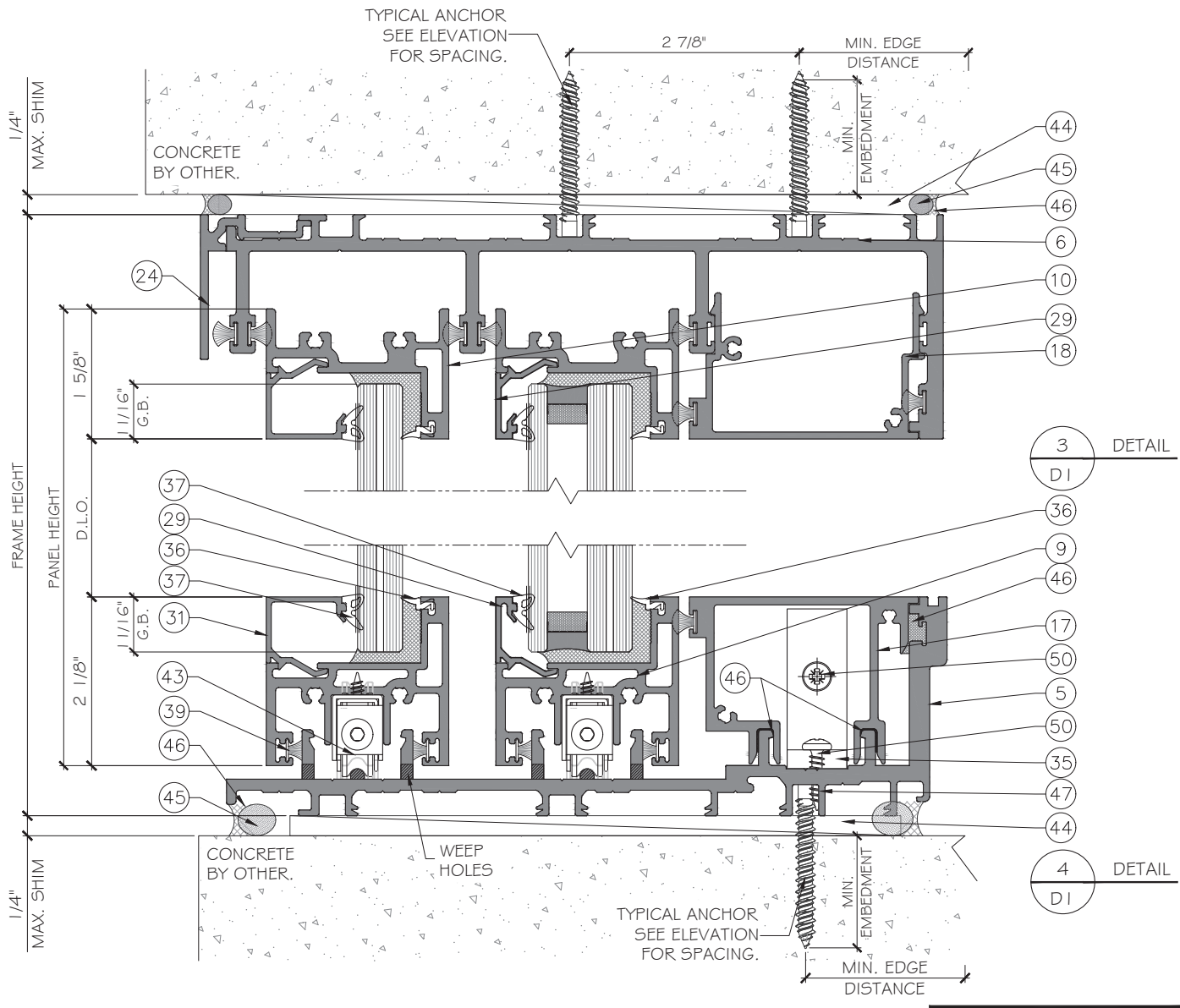
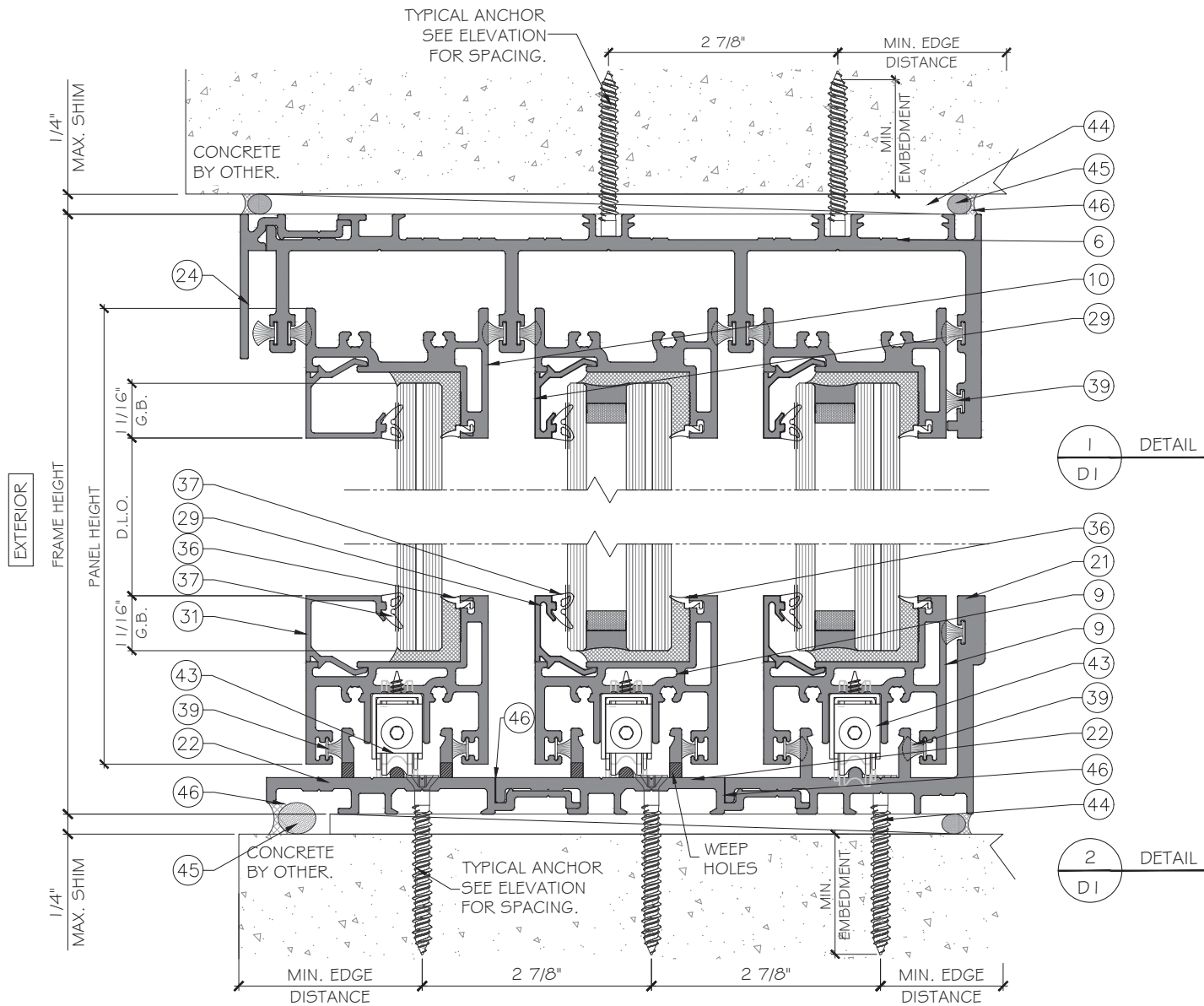
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mcy@mcyengineering.com

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FLORIDA APPROVAL:
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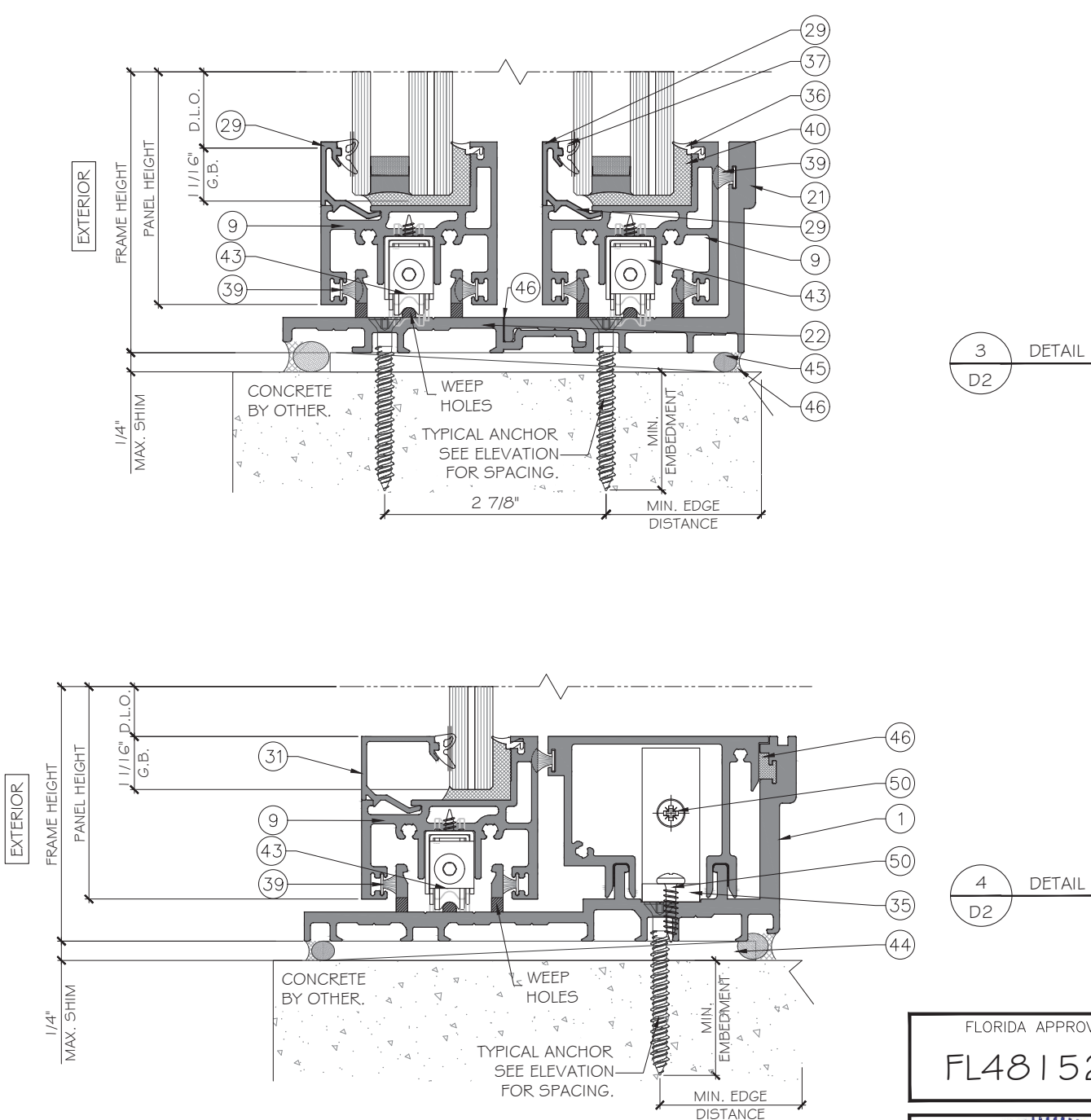
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 KM 8.5 VIA DURAN TAMBO
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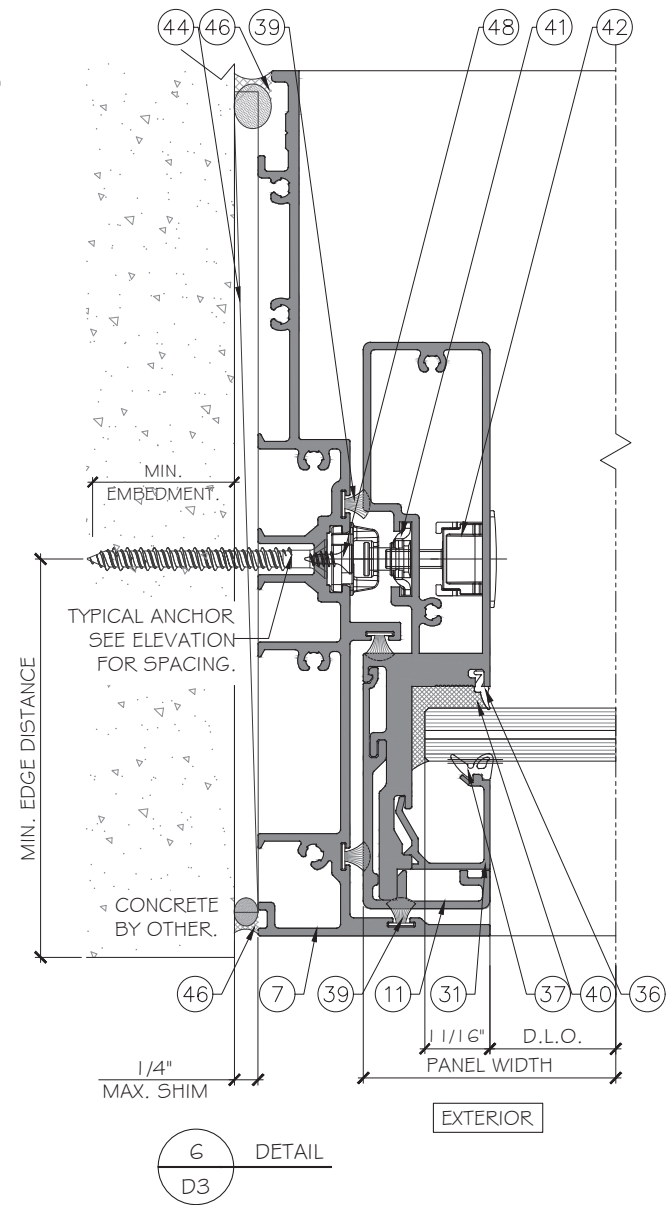
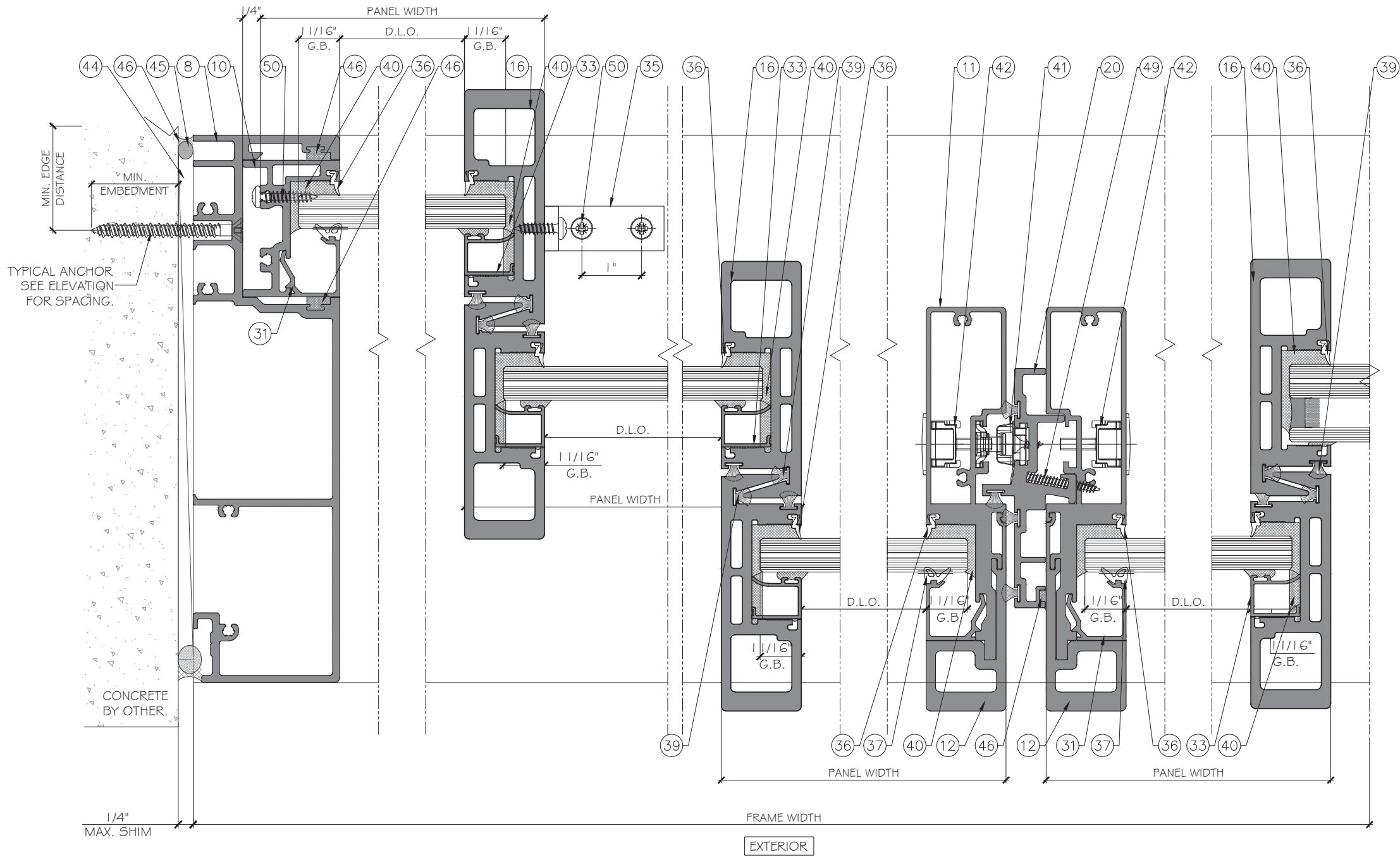
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1
D3
DETAIL

2
D3
DETAIL
W/ INTERLOCK
HEAVY

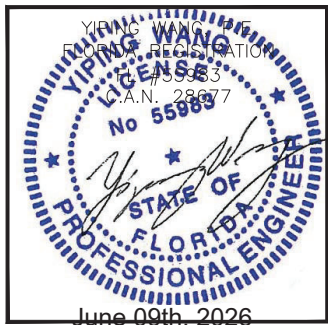
3
D3
DETAIL
W/ INTERLOCK
HEAVY

4
D3
DETAIL
MEDIUM
W/ ASTRAGAL
HEAVY

5
D3
DETAIL
W/ INTERLOCK
HEAVY

NOTE:
HEAVY INTERLOCK AS SHOWN, SEE
SHEET K1 FOR LIGHT INTERLOCK OPTION.

FLORIDA APPROVAL:
FL48152.1



2 TRACK AND 3 TRACK SLIDING DOOR - LARGE MISSILE IMPACT

UNIK FENESTRATION

KM 8.5 VIA DURAN TAMBO

GUAYAS, ECUADOR

https://www.vetrikoe.com

Rev. No.	Date	Drawn By	Description
R1	06.09.2026	JAMES	NEW APPLICATION
R0	04.30.2026	JAMES	NEW APPLICATION

Drawn Date
06.09.2026

Scale
AS SHOWN

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AD26-13

D3

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MCY ENGINEERING, INC.

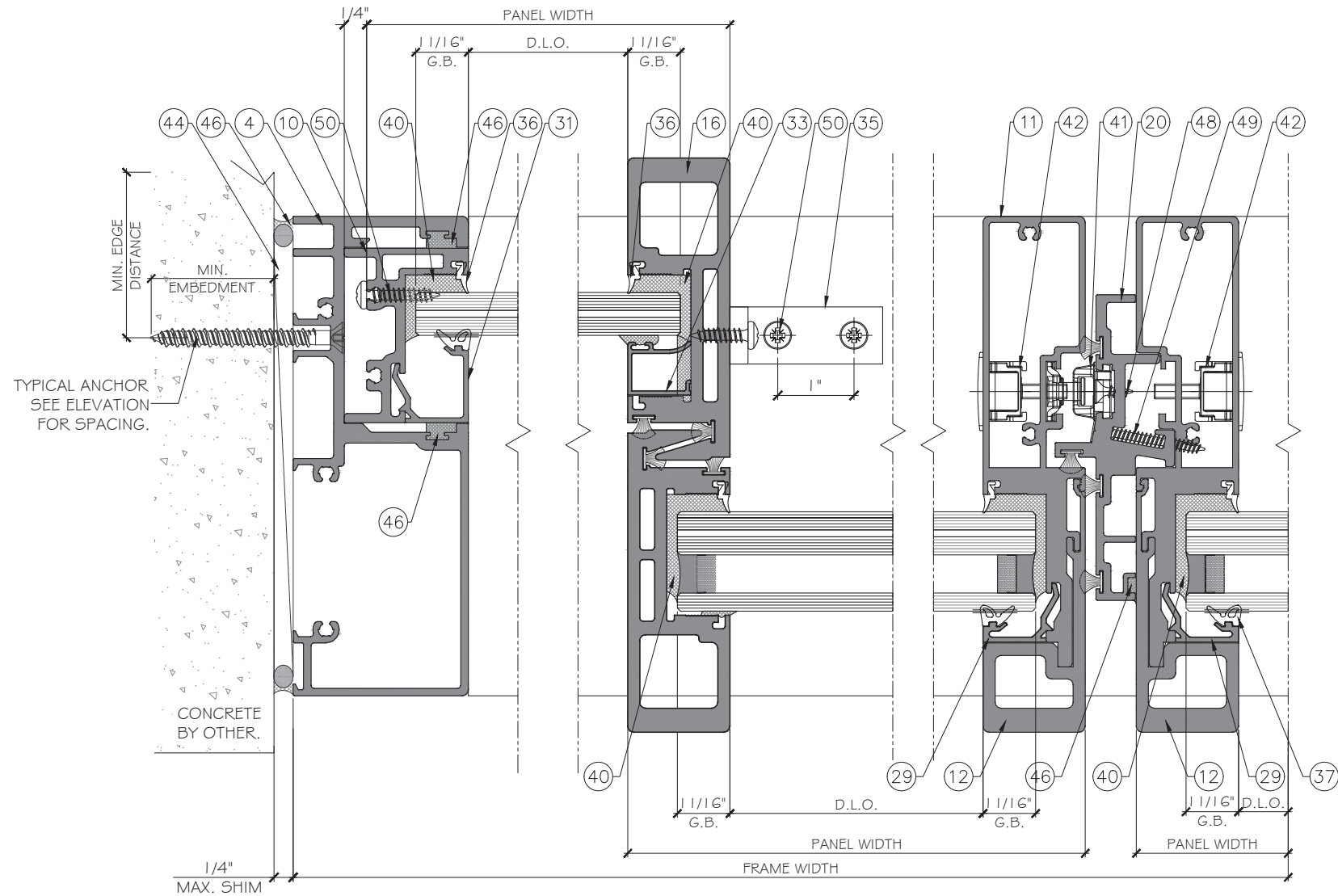
GLAZING CONSULTANTS

12781 MIRAMAR PARKWAY #301

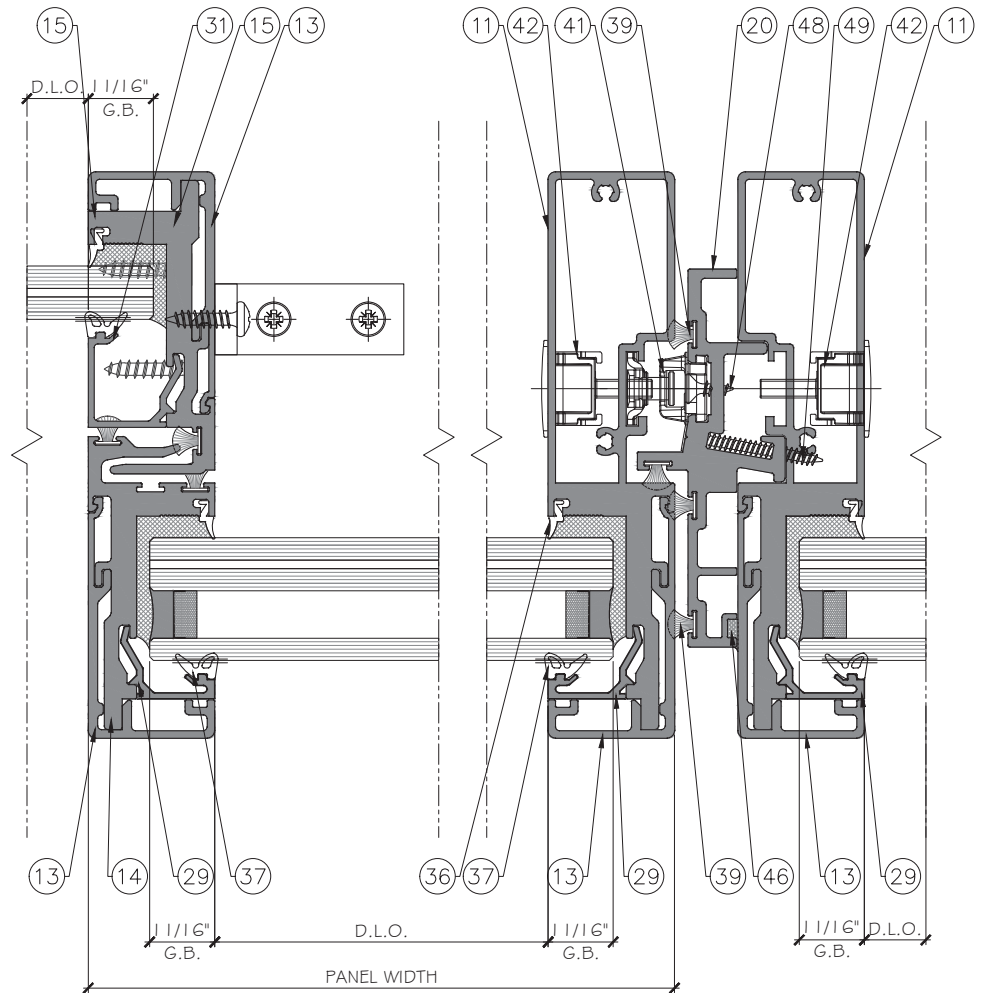
MIRAMAR, FL 33027

P: 305.588.5224

www.MCYEngineering.com mcy@mcyengineering.com



EXTERIOR



EXTERIOR

1
D4
DETAIL

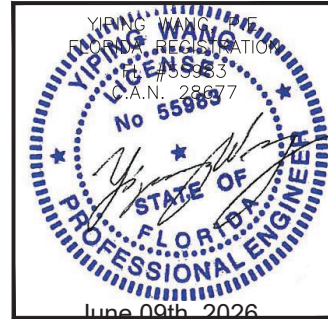
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D4
DETAIL
W/ INTERLOCK
HEAVY

3
D4
DETAIL
MEDIUM
W/ ASTRAGAL
HEAVY

2
D4
DETAIL
W/ INTERLOCK
LIGHT OPTION

3
D4
DETAIL
MEDIUM
W/ ASTRAGAL
LIGHT OPTION

FLORIDA APPROVAL:
FL48152.1



2 TRACK AND 3 TRACK SLIDING DOOR - LARGE MISSILE IMPACT

UNIK FENESTRATION
KM 8.5 VIA DURAN TAMBO
GUAYAS, ECUADOR
<https://www.vetrikoe.com>

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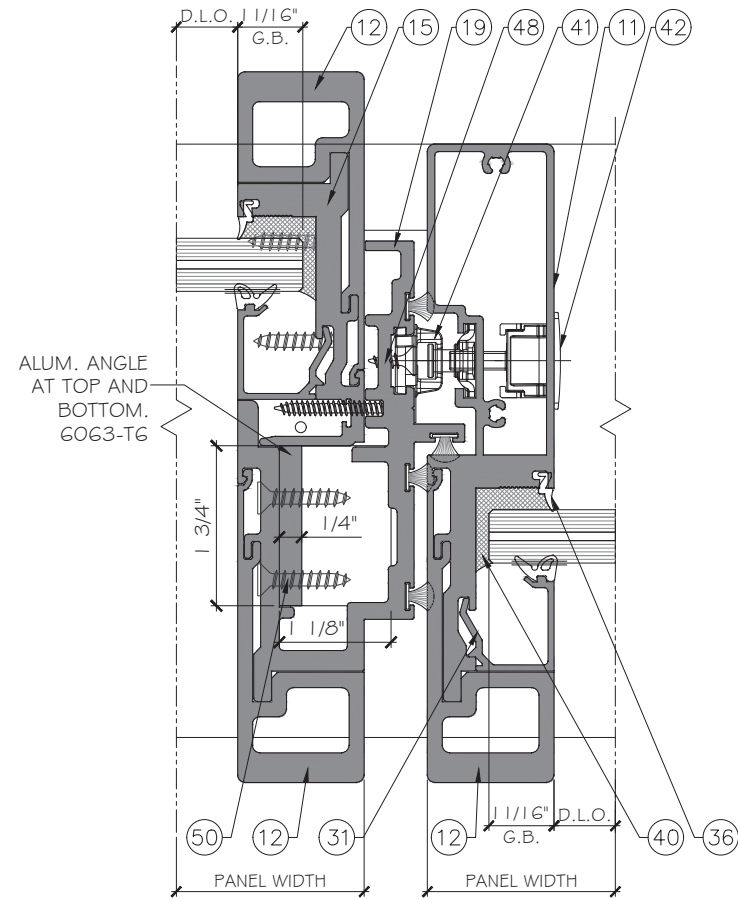
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AD26-13

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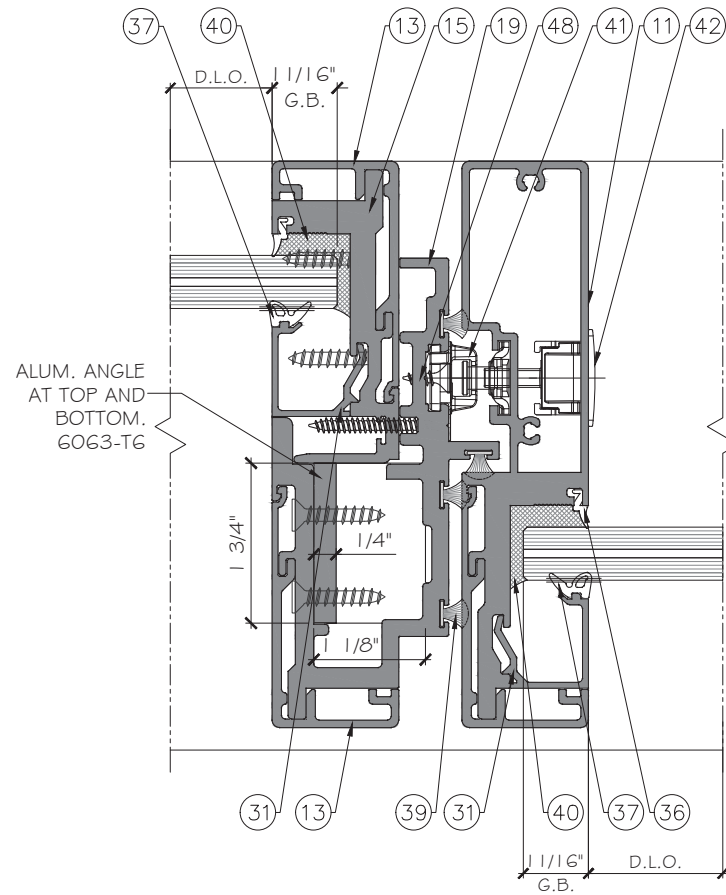
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MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PARKWAY #301
MIRAMAR, FL 33027
P: 305.588.5224
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EXTERIOR

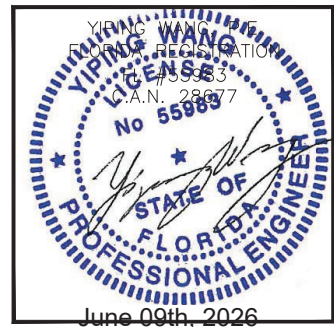
1
D5
DETAIL
MEDIUM
W/ ASTRAGAL
HEAVY



EXTERIOR

1
D5
DETAIL
MEDIUM
W/ ASTRAGAL
LIGHT OPTION

FLORIDA APPROVAL:
FL48152.1



2 TRACK AND 3 TRACK SLIDING DOOR - LARGE MISSILE IMPACT

UNIK FENESTRATION

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mcy@mcyengineering.com

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06.09.2026

Scale
AS SHOWN

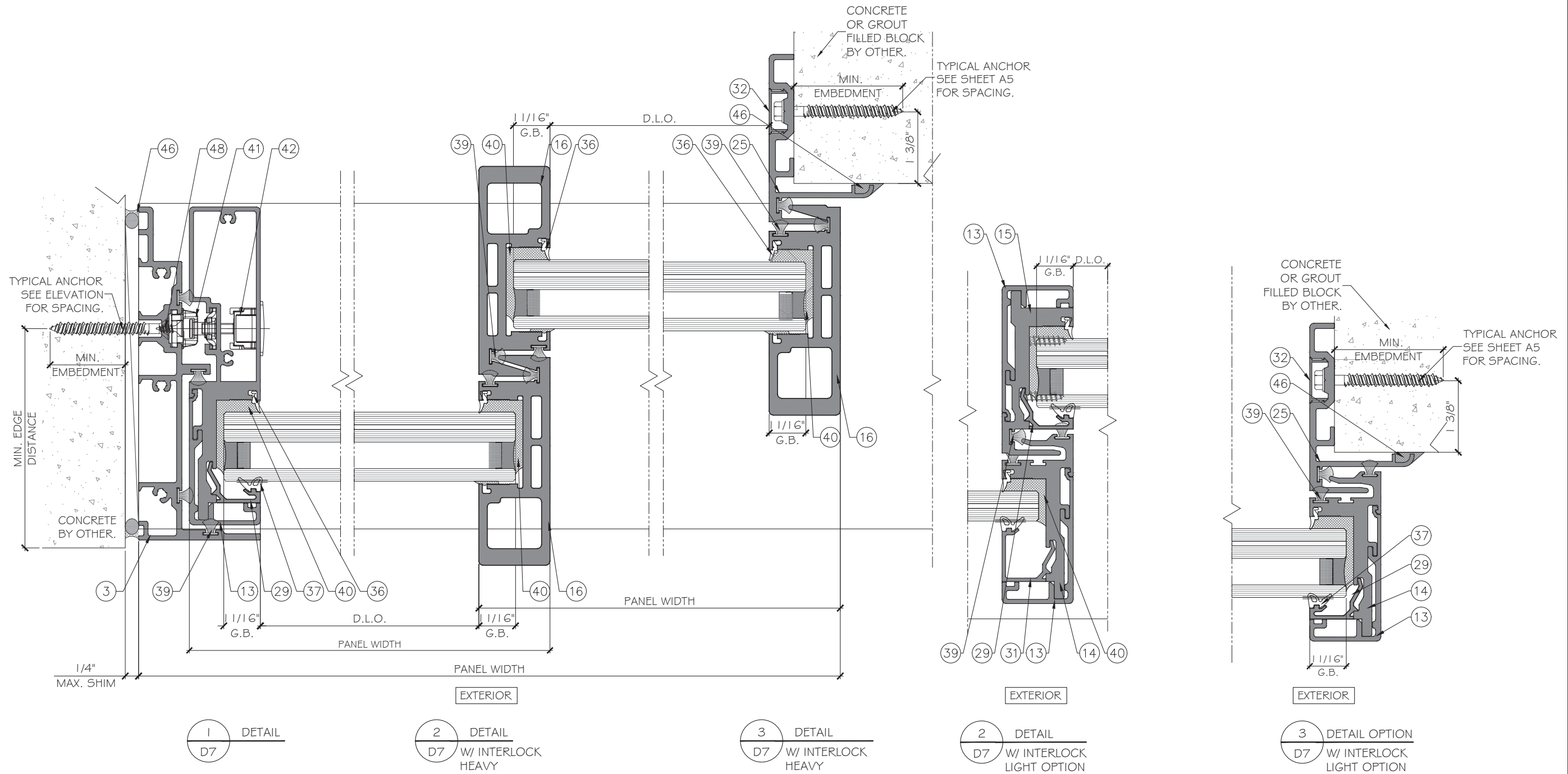
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AD26-13

D5

Sheet No.

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FLORIDA APPROVAL:

FL48152.1

YIPING WANG
Professional Engineer
No 55889
June 09th, 2026

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
12781 MIRAMAR PARKWAY #301
MIRAMAR, FL 33027 P: 305.588.5224
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UNIK FENESTRATION
KM 8.5 VIA DURAN TAMBO
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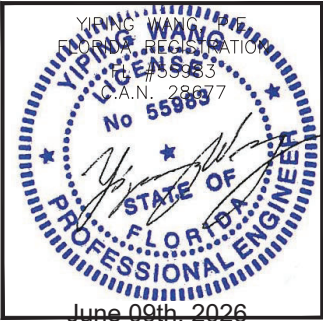
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R0	04.30.2026	JAMES	NEW APPLICATION

Drawn Date: 06.09.2026 Scale: AS SHOWN

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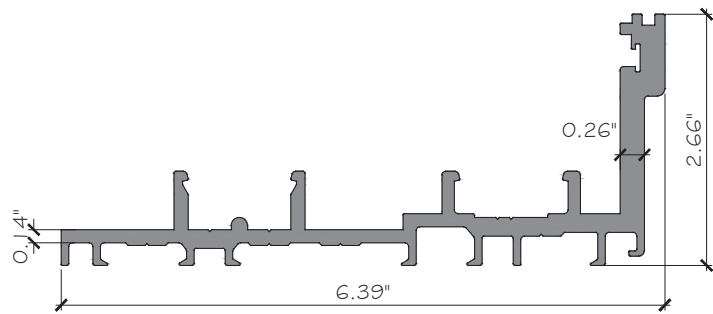
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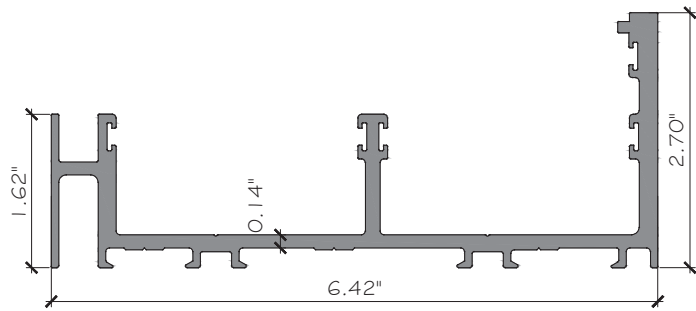


FLORIDA APPROVAL:
FL48152.1

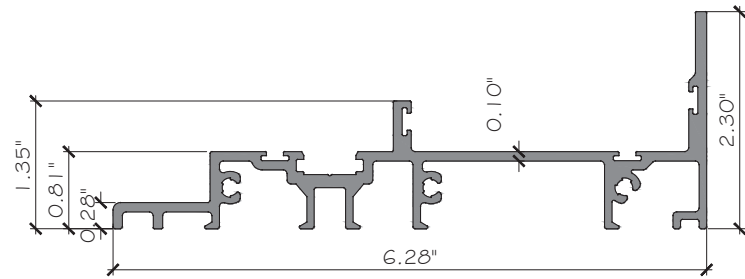
 MCY ENGINEERING, INC. GLAZING CONSULTANTS 12781 MIRAMAR PARKWAY #301 MIRAMAR, FL. 33027 P: 305.588.5224 www.MCYEngineering.com mcy@mcyengineering.com	2 TRACK AND 3 TRACK SLIDING DOOR - LARGE MISSILE IMPACT			
	UNIK FENESTRATION			
	KM 8.5 VIA DURAN TAMBO			
	GUAYAS, ECUADOR			
	https://www.vetrikoeec.com			
			JAMES	NEW APPLICATION
		06.09.2026	JAMES	NEW APPLICATION
	R1			
	R0			
			Drawn By	Description
			Date	
Drawn Date 06.09.2026	Scale AS SHOWN			
DRAWING NO. AD26-13				
D8				
Sheet No. 21 OF 25				



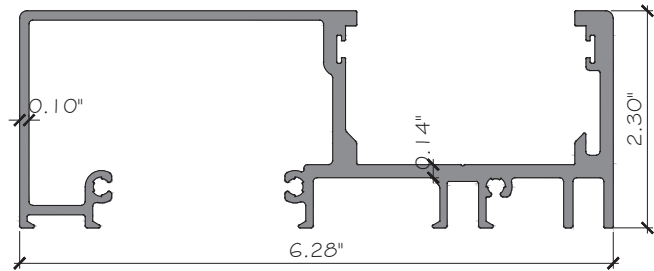
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ALUM. 6063-T6



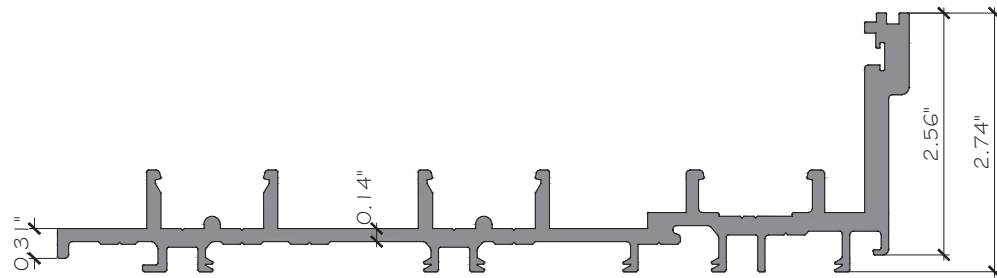
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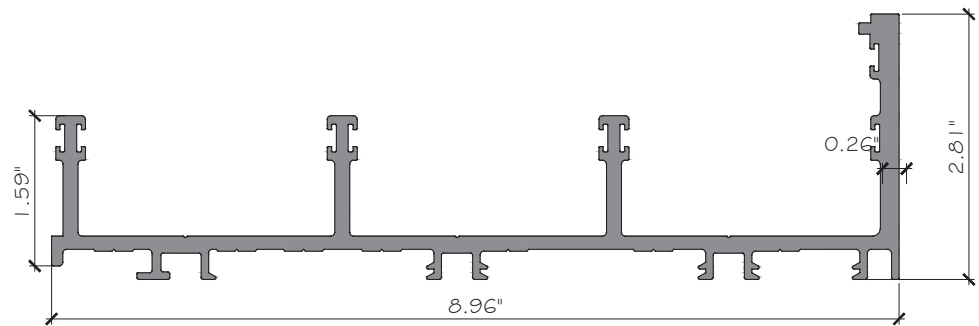
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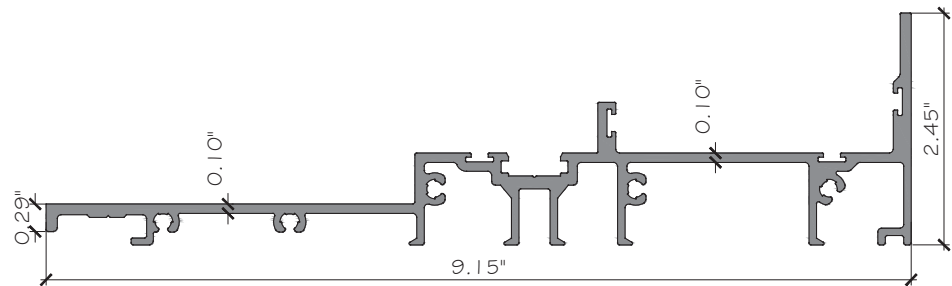
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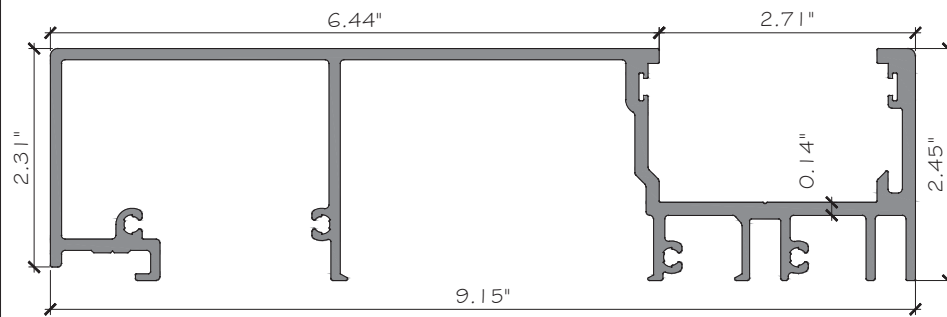
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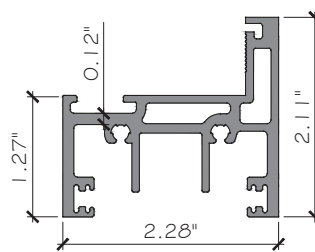
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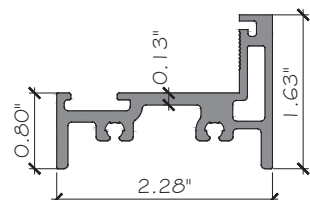
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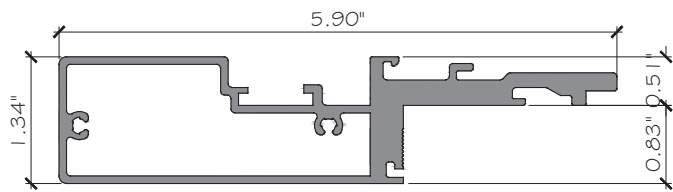
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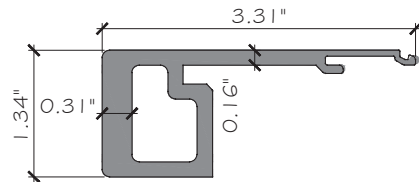
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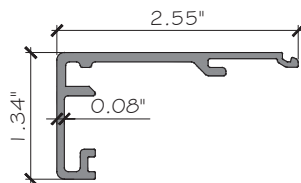
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ALUM. 6063-T6



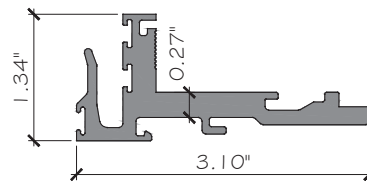
⑪ SASH JAMB DC1045
ALUM. 6063-T6



⑫ HEAVY COVER DC1051
ALUM. 6063-T6



⑬ LIGHT COVER DC1050
ALUM. 6063-T6



⑭ SASH INTERLOCK DC1048
ALUM. 6063-T6

FLORIDA APPROVAL:
FL48152.1

YIPING WANG
REGISTERED PROFESSIONAL ENGINEER
LICENSE NO. 55889
STATE OF FLORIDA

June 09th, 2026

MCY ENGINEERING, INC.
GLAZING CONSULTANTS
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MIRAMAR, FL 33027
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2 TRACK AND 3 TRACK SLIDING DOOR - LARGE MISSILE IMPACT

UNIK FENESTRATION
KM 8.5 VIA DURAN TAMBO
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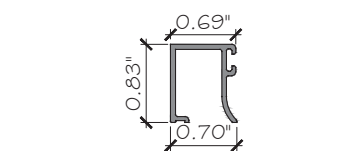
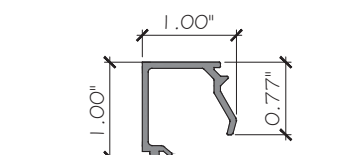
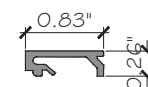
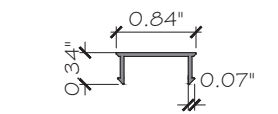
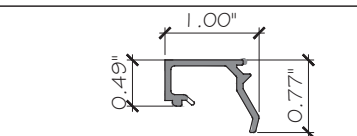
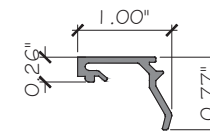
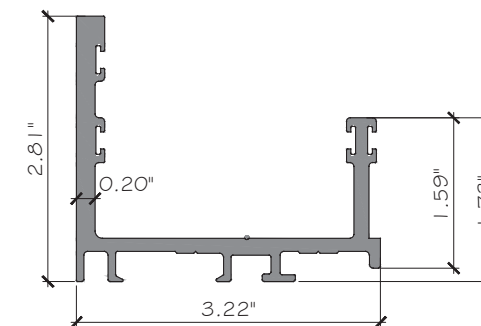
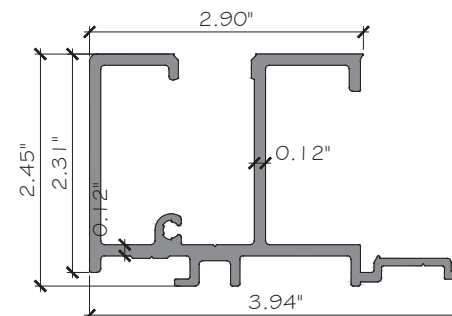
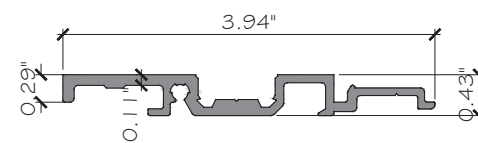
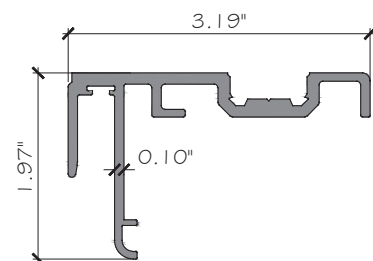
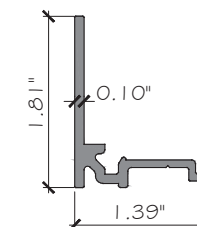
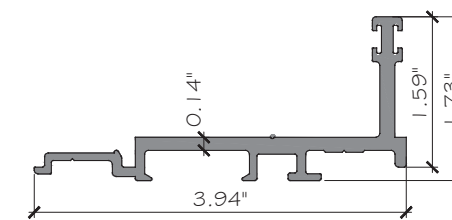
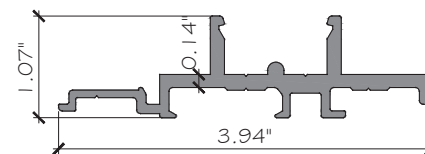
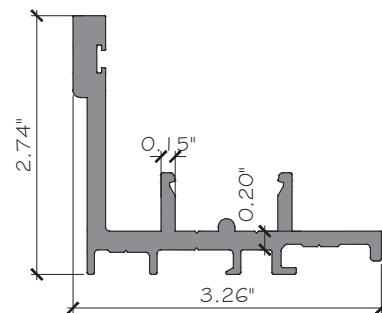
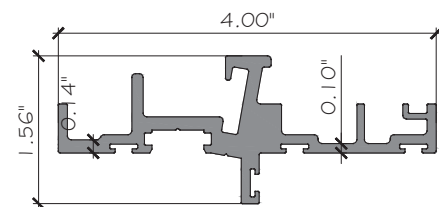
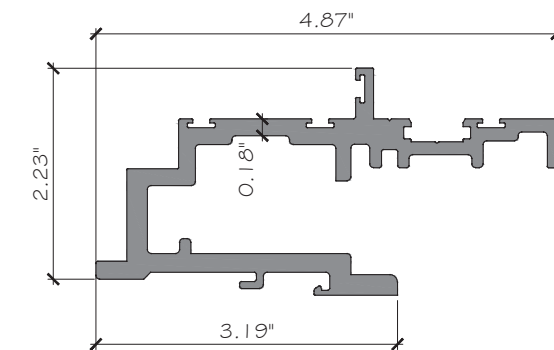
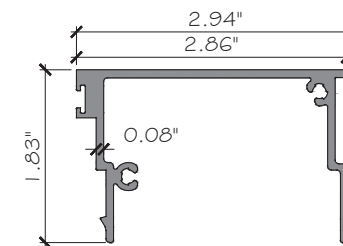
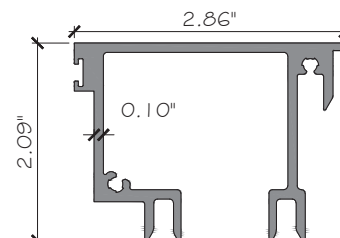
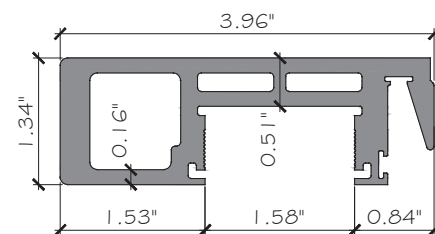
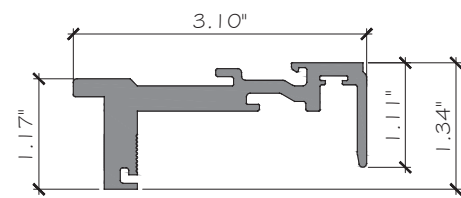
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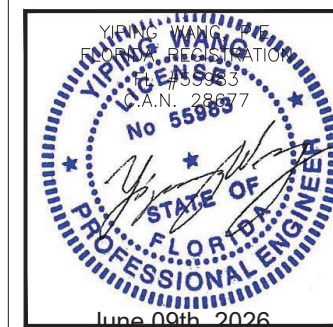
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