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NOTE: THIS PRODUCT CAN BE COMBINED WITH OTHER FBC APPROVED ALUPROF SA'S PRODUCTS. WHEN MULLED COMBINATIONS ARE USED, THE LOWER DESIGN PRESSURE FROM EACH PRODUCT WILL APPLY TO THE ENTIRE SYSTEM. FINAL APPROVAL OF ALL DESIGNS SHALL BE GRANTED BY THE GOVERNING MUNICIPALITY.

ADDITIONAL DETAILS:

FOR SPECIAL SITE CONDITION, CONTACT ALUPROF SA.

ALLOWABLE DESIGN PRESSURE:

PLEASE SEE SHEET 103

MAX. FRAME SIZE:
DOUBLE LEAF DOOR- 78-7/16" (W) X 111-1/16" (H)
SINGLE LEAF DOOR- 39-3/8" (W) X 110" (H)

NOTE:
APPROVAL APPLIES TO SINGLE OPERATING (X),
AND DOUBLE OPERATING (XX) UNITS.

GENERAL NOTES

- THIS SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE EIGHTH EDITION (2023), FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PER TAS 201/202/203, ASTM E283, ASTM E330, ASTM E331.
- GLASS CAPACITIES FOUND IN THE CHARTS HEREIN THIS CERTIFICATION ARE BASED ON ASTM E1300-16 (3 SEC. GUSTS).
- DESIGN PRESSURES NOTED HEREIN ARE BASED ON MAXIMUM TESTED PRESSURES DIVIDED BY A 1.5 SAFETY FACTOR.
- PRESSURES PROVIDED IN THE CERTIFICATION ARE BASED ON THE ALLOWABLE STRESS DESIGN METHOD (ASD).
- THIS PRODUCT HAS BEEN TESTED IN ACCORDANCE WITH THE STANDARDS MENTIONED ABOVE IN NOTE 1 AND IS LARGE MISSILE IMPACT RESISTANT AND DOES NOT REQUIRE IMPACT RESISTANT SHUTTERS.
- NO 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS SYSTEM. WIND LOAD DURATION FACTOR Cd=1.6 HAS BEEN USED FOR WOOD ANCHOR DESIGN.
- THE ARCHITECT/ENGINEER OF RECORD FOR THE PROJECT SUPERSTRUCTURE WITH WHICH THIS PRODUCT IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS PRODUCT WHICH SHALL BE COORDINATED BY THE PERMITTING CONTRACTOR. WOOD BUCKS (BY OTHERS) SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.

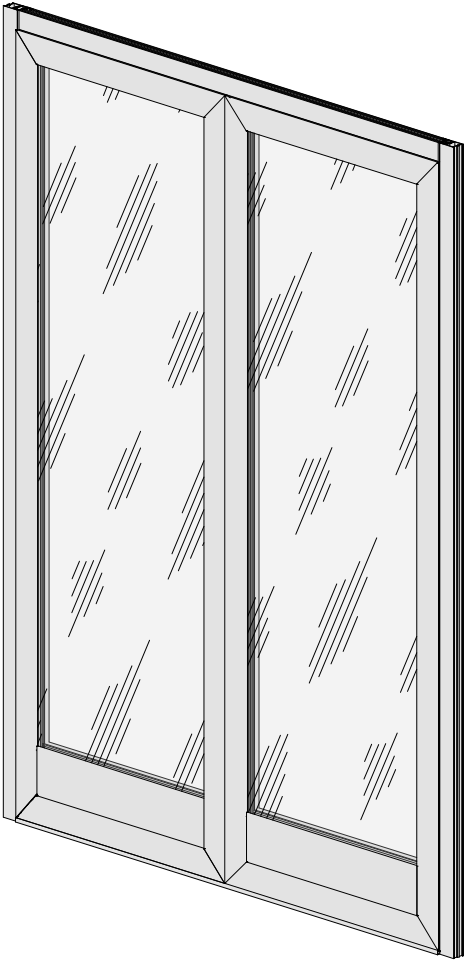
- THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
- THE CONTRACTOR IS RESPONSIBLE FOR INSULATING ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS (EXAMPLE: STEEL WITH ALUMINUM).
- FASTENERS DESCRIBED IN THIS CERTIFICATION ARE PERMITTED TO BE SUBSTITUTED PROVIDED THE STRENGTH OF THE ALTERNATIVE ANCHOR IS EQUAL TO OR GREATER THAN THE ORIGINALLY SPECIFIED ANCHOR. FINAL APPROVAL OF SUBSTITUTED ANCHORS SHALL BE BY OTHERS.
- FASTENERS SHALL BE CADMIUM PLATED OR OTHERWISE CORROSION-RESISTANT MATERIAL AND SHALL COMPLY WITH "SPECIFICATIONS FOR ALUMINUM STRUCTURES" SECTION J.3 OF THE CURRENT CODE BY THE ALUMINUM ASSOCIATION, INC., & ANY APPLICABLE FEDERAL, STATE, AND/OR LOCAL CODES.
- ENGINEER'S SEAL AFFIXED HERE VALIDATES THE STRUCTURAL DESIGN AS SHOWN ONLY. THE USE OF THIS SPECIFICATION BY THE CONTRACTOR, ET AL., INDEMNIFIES AND SAVES HARMLESS THIS ENGINEER FROM ALL COSTS AND DAMAGES, INCLUDING LEGAL FEES AND APPELLATE FEES, RESULTING FROM MATERIAL FABRICATION, SYSTEM ERECTION, AND CONSTRUCTION PRACTICES BEYOND THAT WHICH IS CALLED FOR BY LOCAL, STATE, AND FEDERAL CODES, AND FROM DEVIATIONS OF THIS PLAN.
- THIS PRODUCT IS APPROVED FOR FORCED ENTRY RESISTANCE AS PER AAMA 1304.

- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- ALTERATIONS, ADDITIONS, OR OTHER MARKINGS TO THIS DOCUMENT ARE NOT PERMITTED AND INVALIDATE THIS CERTIFICATION.
- SAFEGUARDS MUST BE OBSERVED (NOT IN THIS CERTIFICATION).
- PRODUCT SHALL BE PERMANENTLY LABELED WITH A MINIMUM OF ONE LABEL PER SYSTEM CONTAINING THE FOLLOWING:

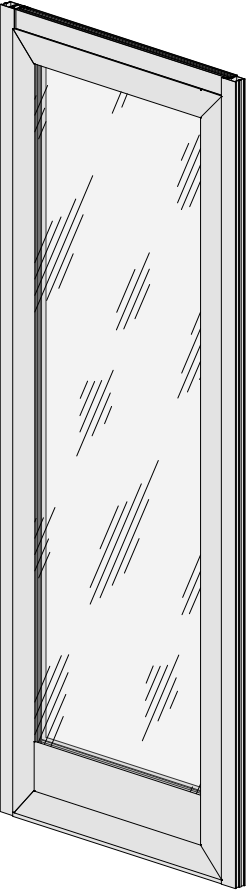
ALUPROF SA
UL. WARSZAWSKA 153, 43-300 BIELSKO-BIALA, POLAND
TAS 201/202/203
APPROVED BY FLORIDA BUILDING COMMISSION
FLORIDA PRODUCT APPROVAL NUMBER FL# 46751.1

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT.

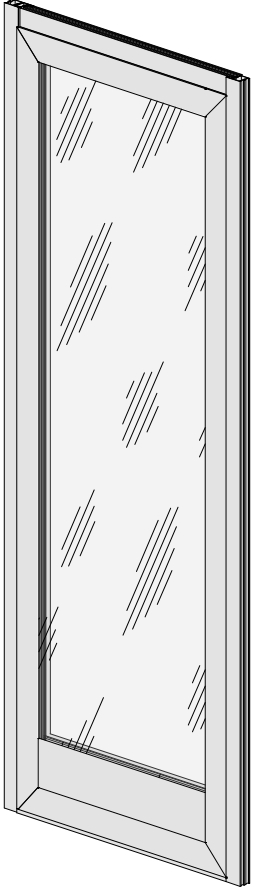
THIS SYSTEM IS APPROVED FOR INSTALLATION WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.



OUTSWING DOUBLE LEAF DOOR



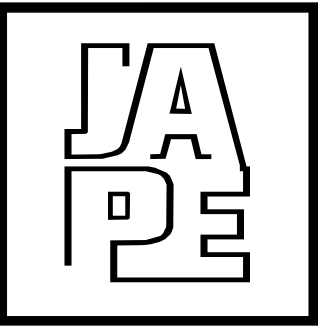
OUTSWING SINGLE LEAF DOOR



INSWING SINGLE LEAF DOOR

NOTE:
APPROVAL APPLIES TO SINGLE OPERATING (X),
AND DOUBLE OPERATING (XX) UNITS.

FL #46751.1



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PROJECT :

**MB-45 OUTSWING & INSWING
BALCONY DOORS**

CLIENT :

ALUPROF SA

WARSZAWSKA 153 STREET,
BIELSKO-BIALA, POLAND 43-300

REVISION

No.	DATE	BY	DESCRIPTION

date: 08-22-2024

scale: N/A

drawn by: SA

check by: MK

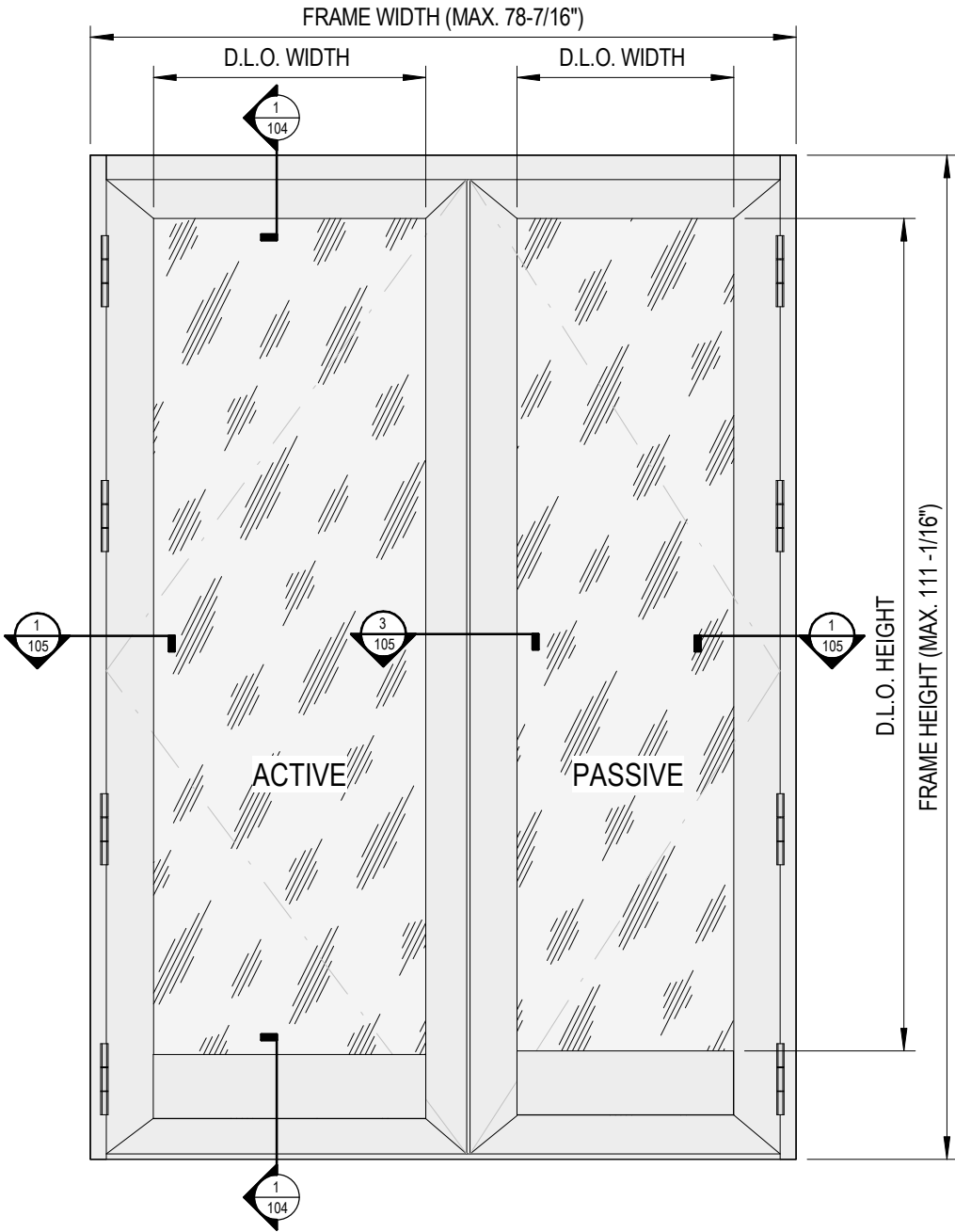
Drawing no. JA-1232-24

Eng: JAVAD AHMAD, PE
CIVIL FLA. PE # 70592 - C.A.N.34254



08-22-2024

TYPICAL ELEVATIONS



1
102 FRONT ELEVATION - OUTSWING DOUBLE LEAF DOOR
N.T.S

DOOR HARDWARE:

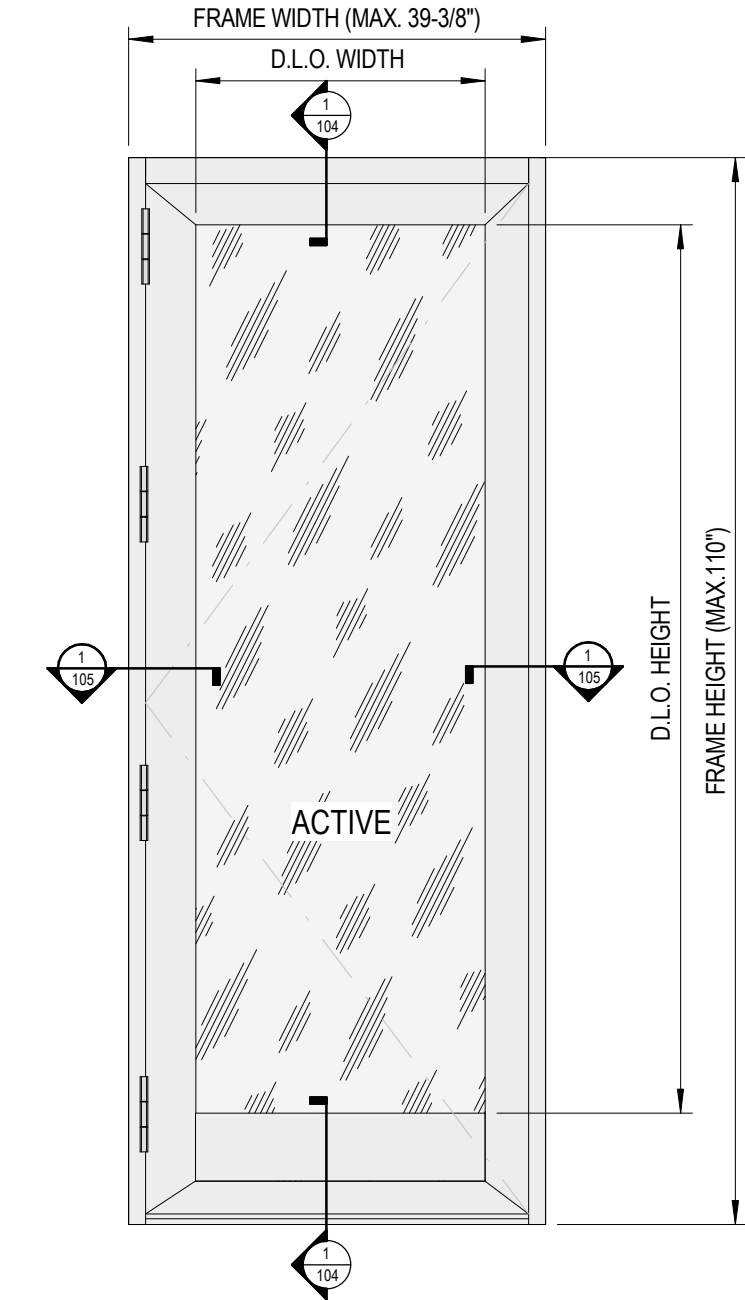
LOCKS:

DOUBLE LEAF DOOR (ACTIVE LEAF):

4 POINT LOCKING SYSTEM BY ROTO WITH 9 MM STRIKERS ON FRAME HEAD AND INACTIVE LOCK STILE AND LOCKING CAMS ENGAGING SIMULTANEOUSLY AT HEAD & INACTIVE LOCK STILE.
LOCKING POINTS AT 7" FROM ASTRAGAL ON THE HEAD AND 5", 59" AND 100" FROM THE SILL ON THE ASTRAGAL.

DOUBLE LEAF DOOR (INACTIVE LEAF):

2 POINT LOCKING SYSTEM BY ROTO WITH STRIKERS ON FRAME HEAD AND SILL AND SHOOT BOLTS ENGAGING SIMULTANEOUSLY AT HEAD & SILL.
LOCKING POINTS AT 39" FROM JAMB AT THE HEAD AND SILL.



2
102 FRONT ELEVATION - OUTSWING SINGLE LEAF DOOR
N.T.S

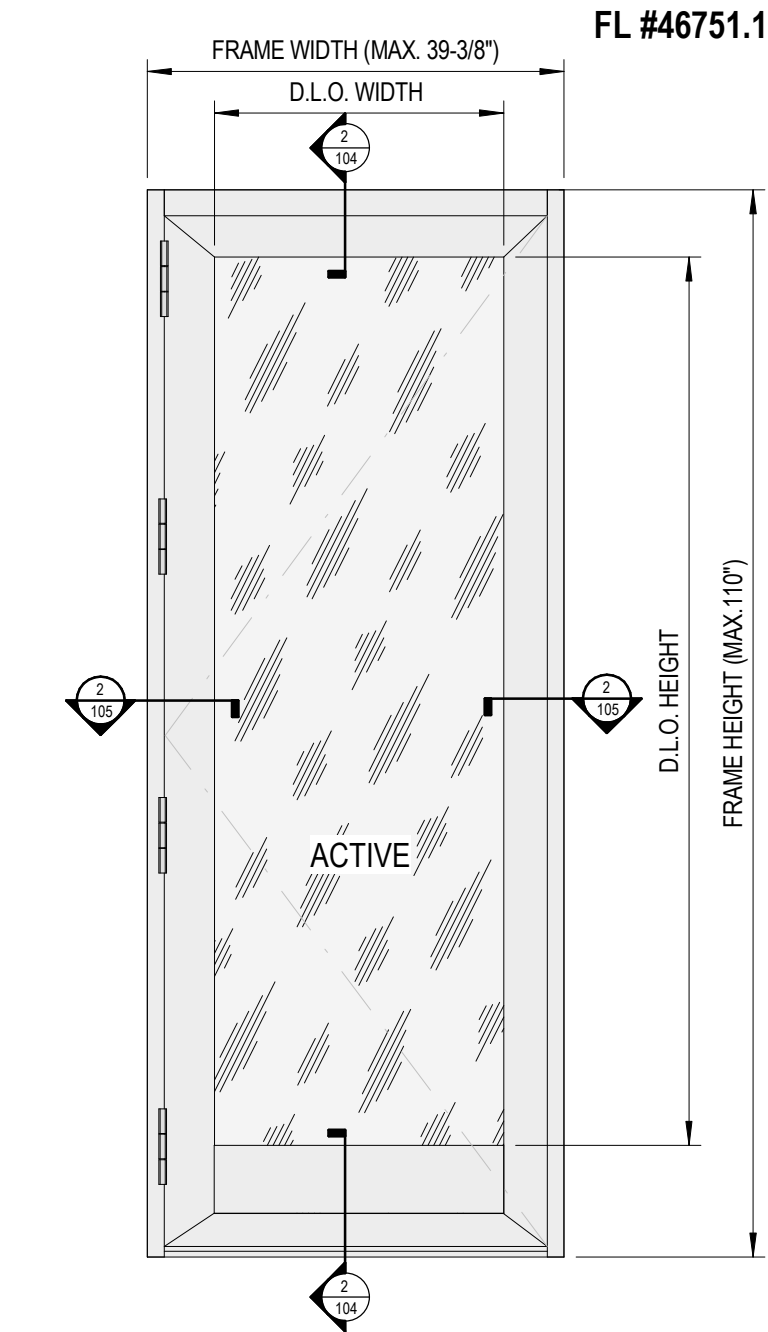
LOCKS:

SINGLE LEAF DOORS:

4 POINT LOCKING SYSTEM BY ROTO WITH 9 MM STRIKERS ON FRAME AND LOCKING CAMS ENGAGING SIMULTANEOUSLY AT HEAD & JAMB.
LOCKING POINTS AT 7" FROM JAMB ON THE HEAD AND 5", 59" AND 100" FROM THE SILL ON THE JAMB.

HINGES:

MONZA 120 HINGE BY FAPIM LOCATED AT 6", 47", 87" AND 99" FROM THE SILL ON PANEL'S JAMB STILE.



3
102 FRONT ELEVATION - INSWING SINGLE LEAF DOOR
N.T.S

DLO CALCULATION:

OUTSWING DOUBLE DOOR-

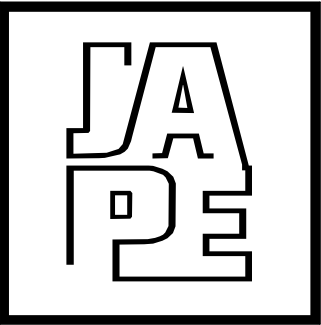
- LEAF HEIGHT = FRAME HEIGHT - 8 3/8"
- DLO HEIGHT = LEAF HEIGHT - 13 1/4"
- LEAF WIDTH = (FRAME WIDTH - 5 1/4")/2
- DLO WIDTH = LEAF WIDTH - 7 7/8"

OUTSWING SINGLE DOOR-

- LEAF HEIGHT = FRAME HEIGHT - 8 3/8"
- DLO HEIGHT = LEAF HEIGHT - 13 1/4"
- LEAF WIDTH = FRAME WIDTH - 5 1/4"
- DLO WIDTH = LEAF WIDTH - 7 7/8"

INSWING SINGLE DOOR-

- LEAF HEIGHT = FRAME HEIGHT - 1 5/16"
- DLO HEIGHT = LEAF HEIGHT - 14 1/4"
- LEAF WIDTH = FRAME WIDTH - 3 3/16"
- DLO WIDTH = LEAF WIDTH - 6 11/16"



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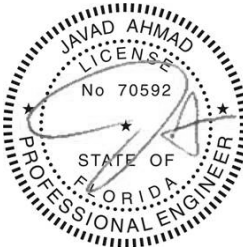
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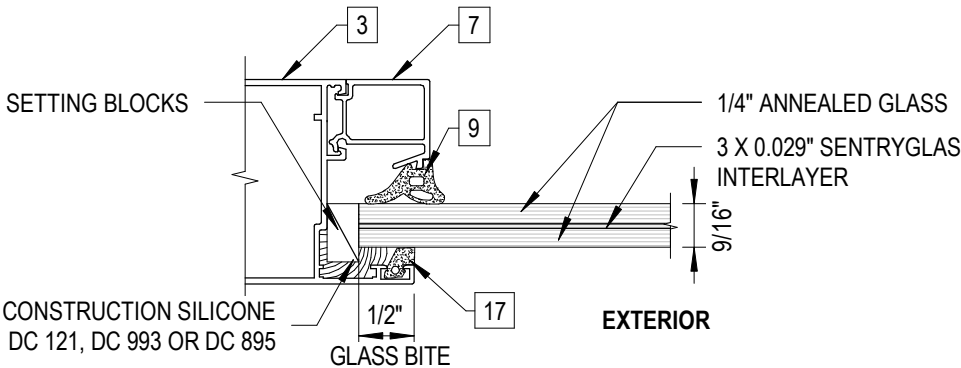
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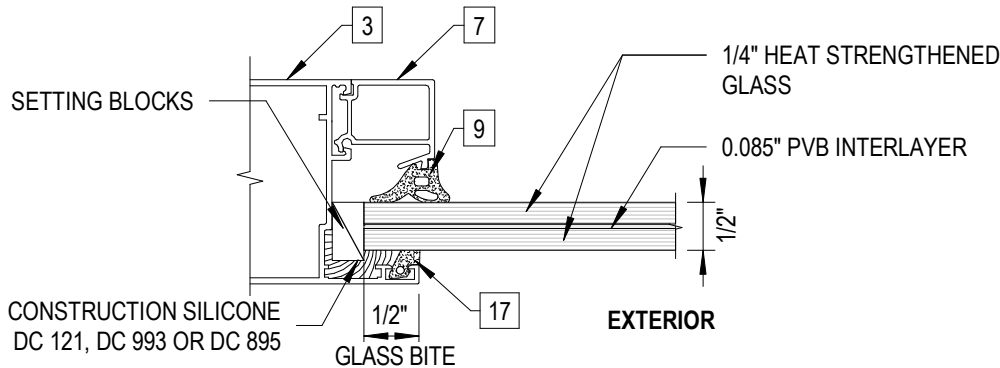
08-22-2024



1
103 9/16" LAMINATED GLASS LITE (TYPE-A)
N.T.S.

ALLOWABLE DESIGN PRESSURE: (+/-) 90 PSF

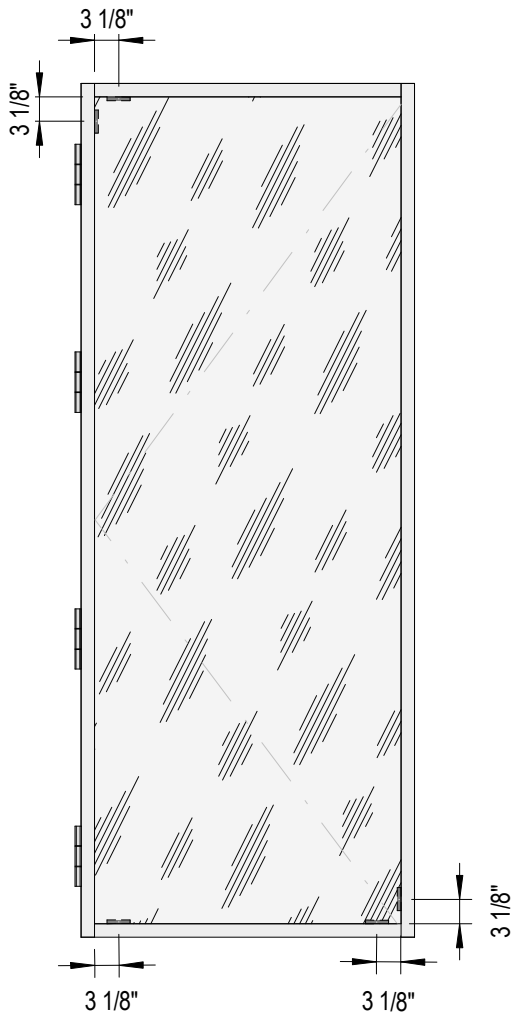
MAX. FRAME SIZE:
DOUBLE LEAF DOOR- W78-7/16" X H111-1/16"
SINGLE LEAF DOOR- W39-3/8" X H110"



2
103 1/2" LAMINATED GLASS LITE (TYPE-B)
N.T.S.

ALLOWABLE DESIGN PRESSURE: (+/-) 70 PSF

MAX. FRAME SIZE:
DOUBLE LEAF DOOR- W78-7/16" X H111-1/16"
SINGLE LEAF DOOR- W39-3/8" X H110"



SETTING BLOCKS LAYOUT



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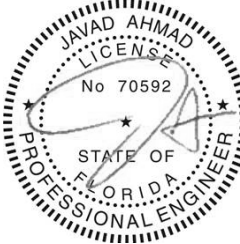
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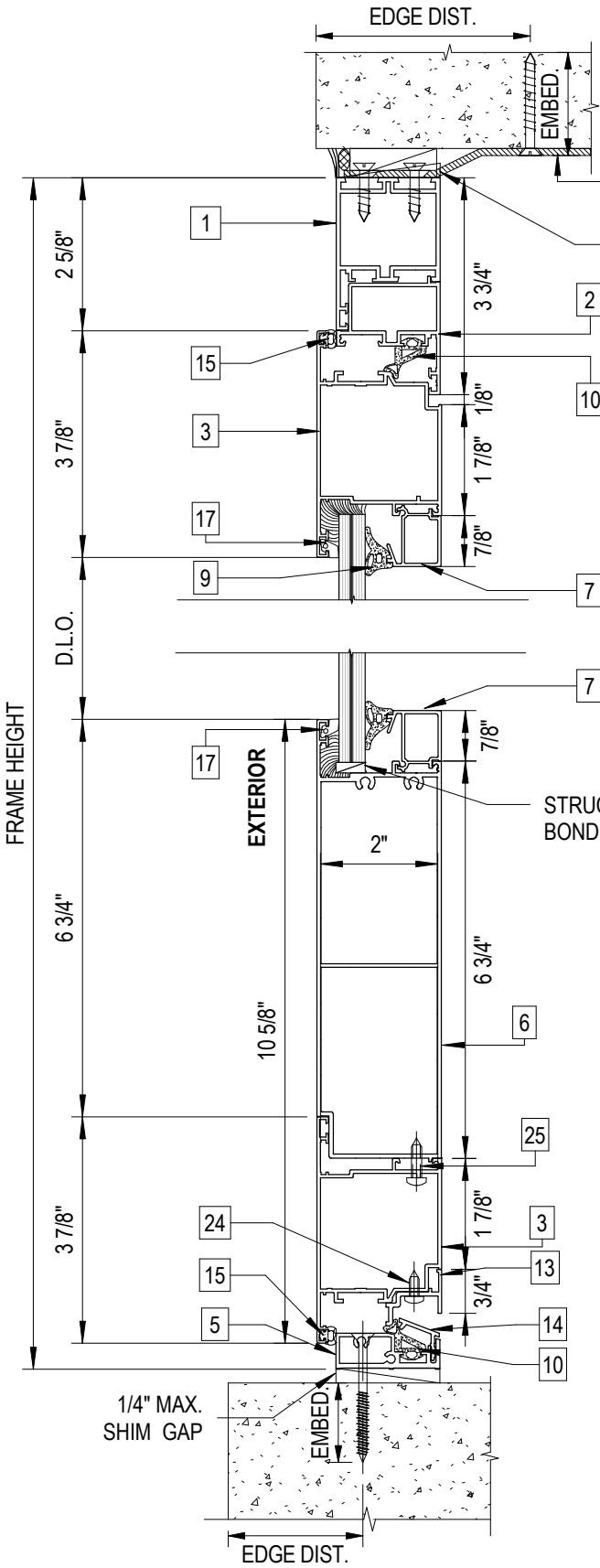
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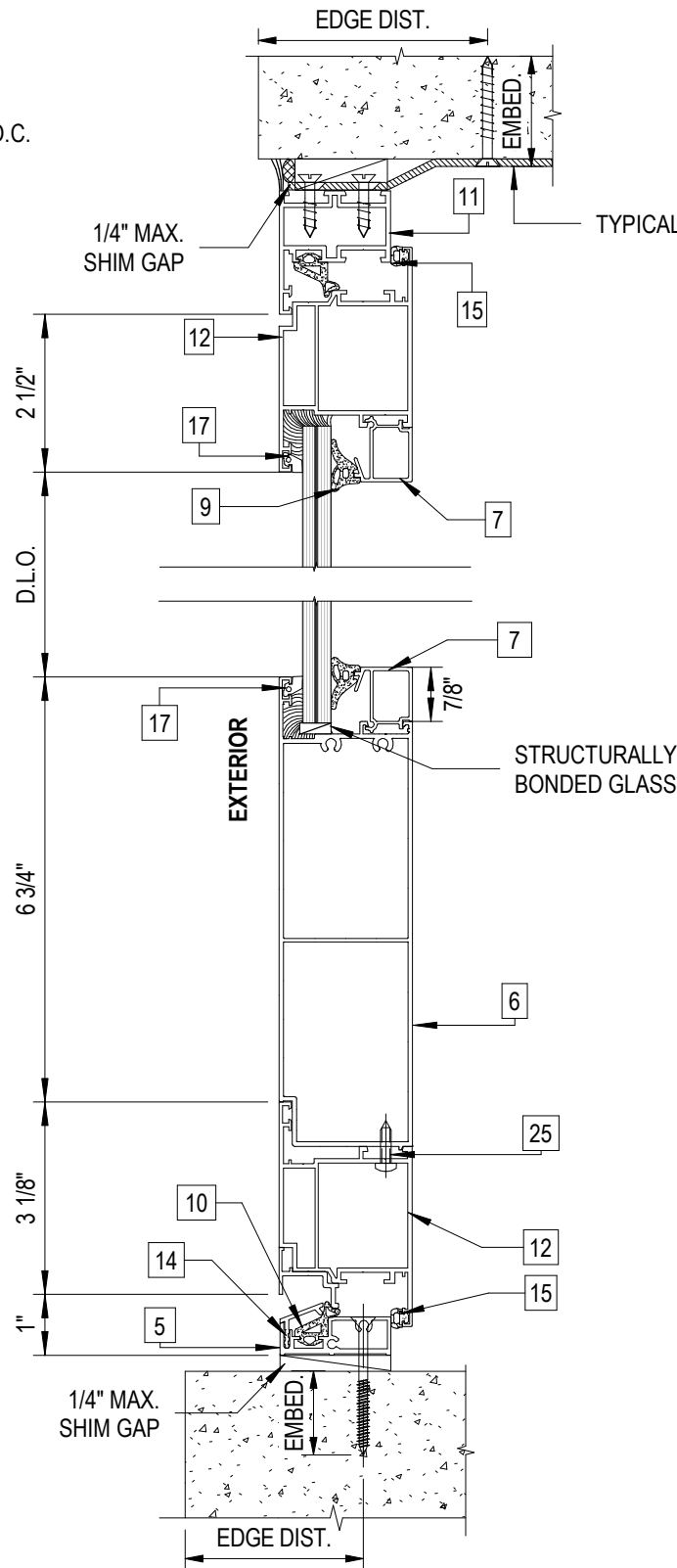
Eng: JAVAD AHMAD, PE
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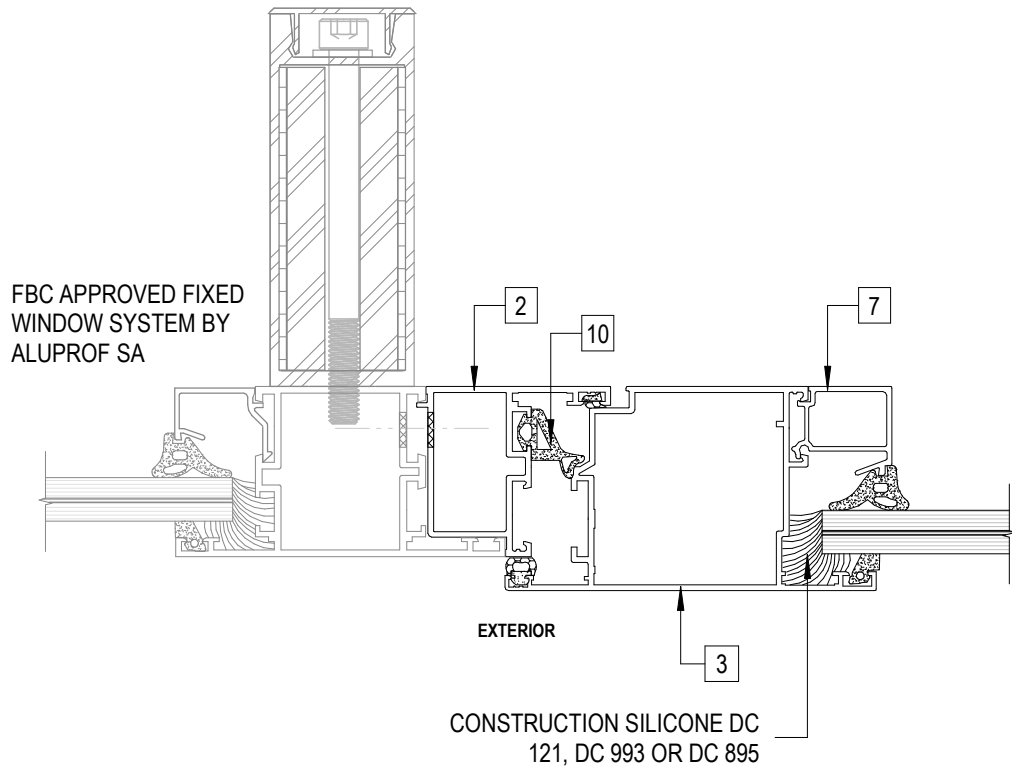
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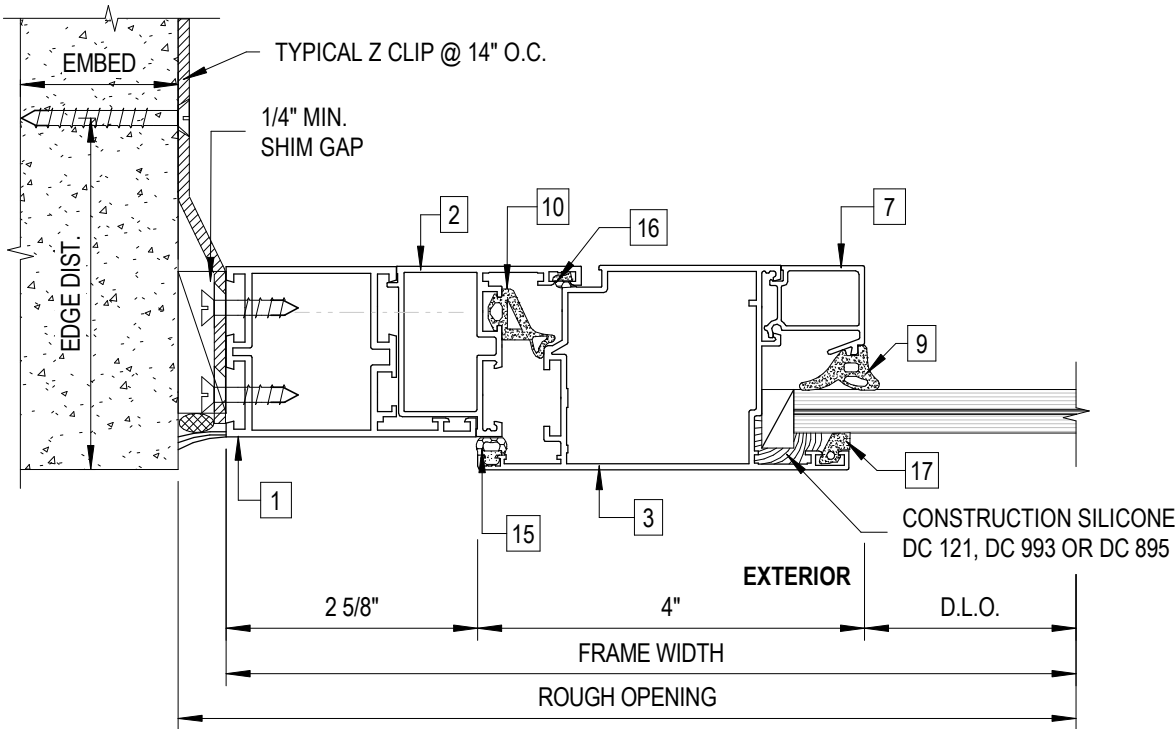
1 HEAD AND SILL DETAILS- OUTSWING DOOR
104 N.T.S.



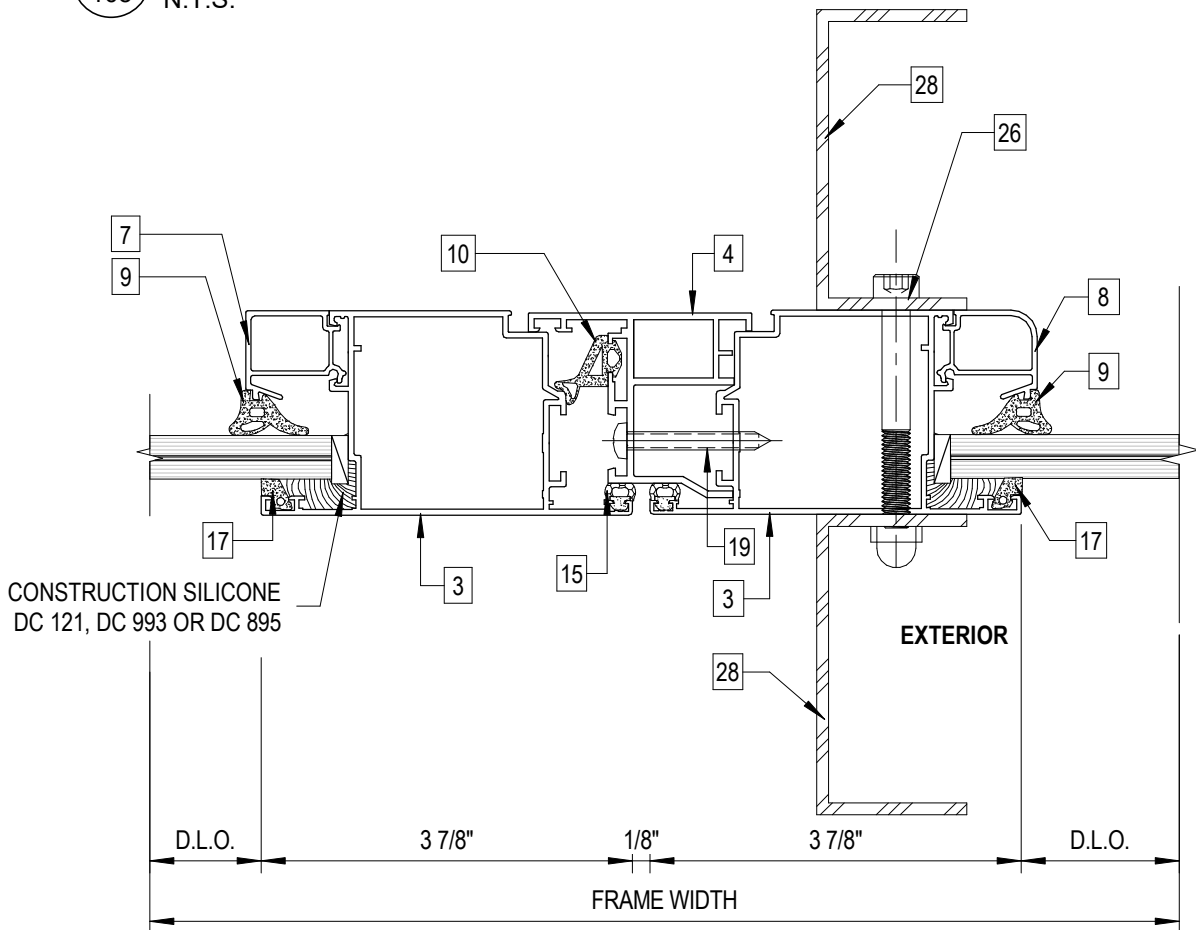
2 HEAD AND SILL DETAILS- INSWING DOOR
104 N.T.S.



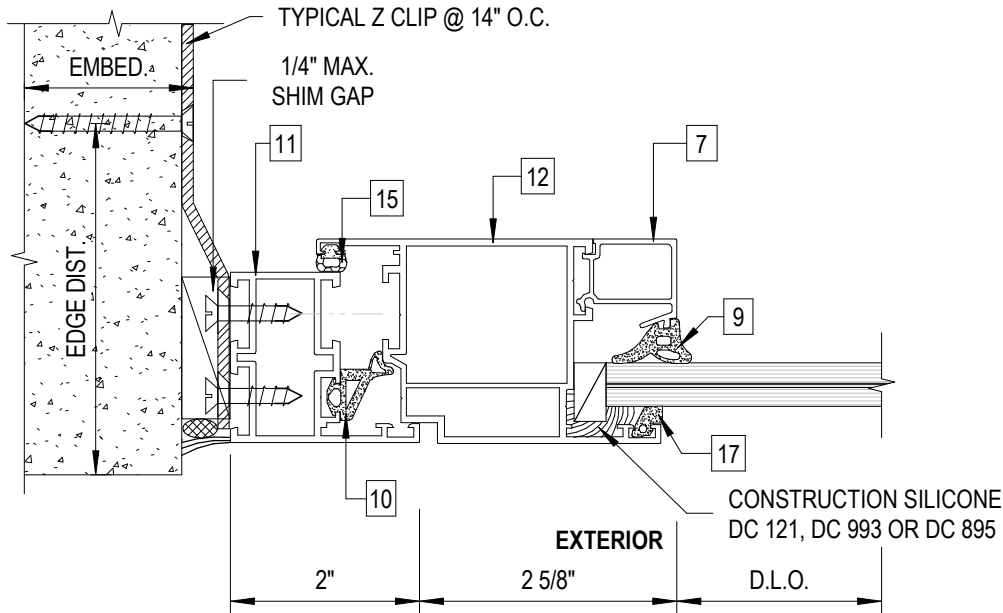
3 BALCONY DOOR TO FIXED WINDOW CONNECTION DETAIL
104 N.T.S.



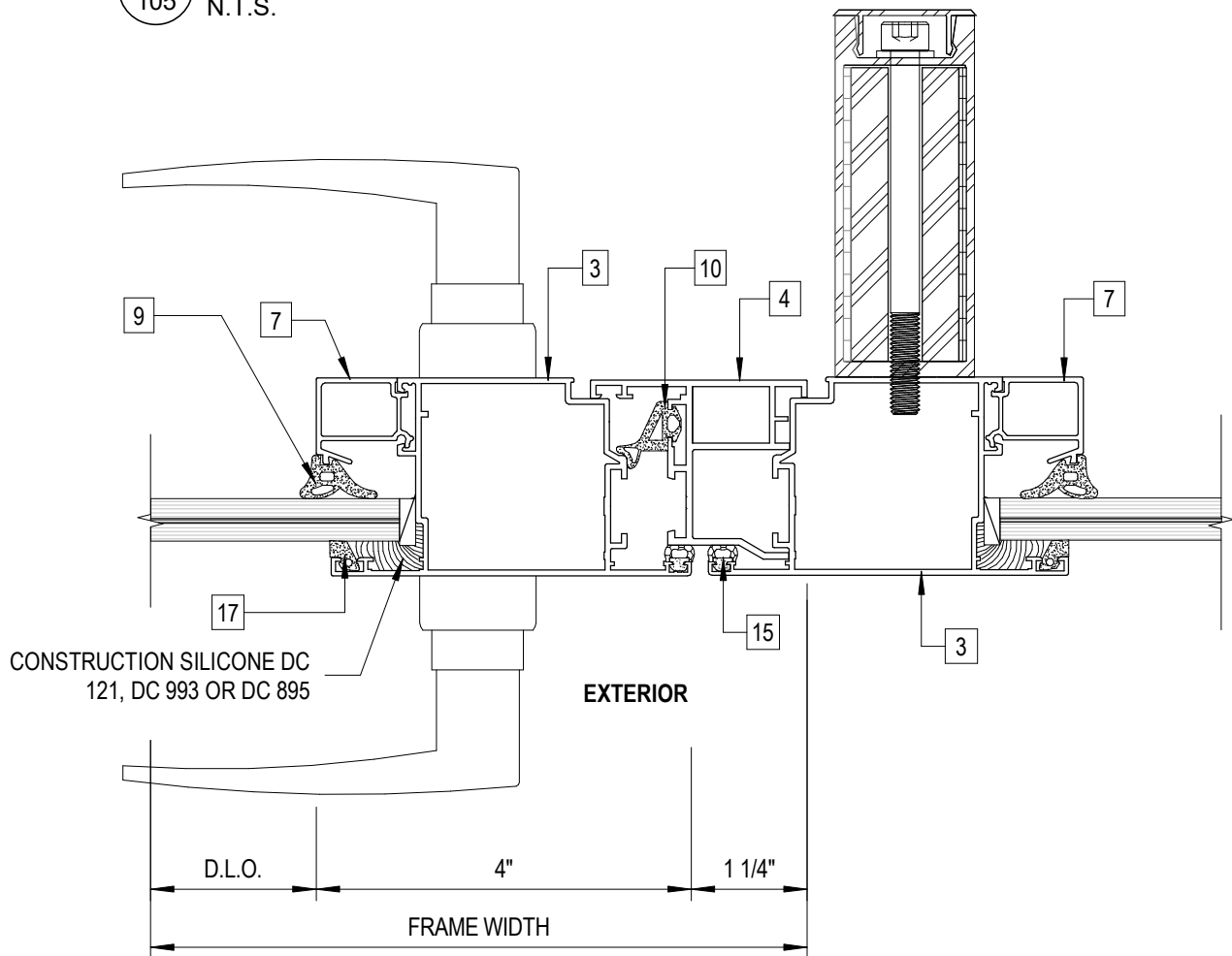
1 DOOR JAMB DETAIL- OUTSWING DOOR
105 N.T.S.



3 DOUBLE DOOR INTERMEDIATE DETAIL
105 N.T.S.



2 DOOR JAMB DETAIL- INSWING DOOR
105 N.T.S.



4 DOUBLE DOOR INTERMEDIATE DETAIL (ALTERNATIVE)
105 N.T.S.



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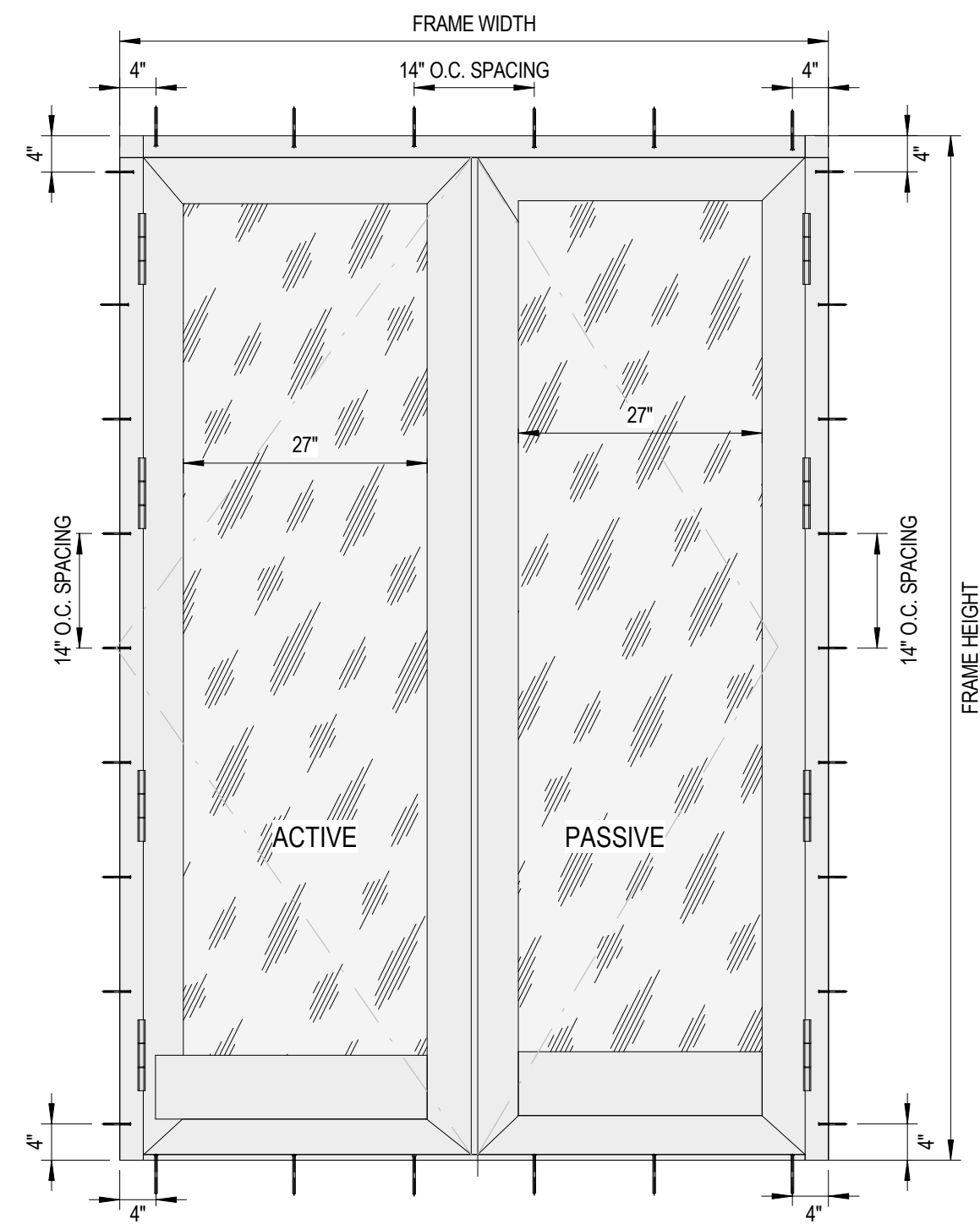
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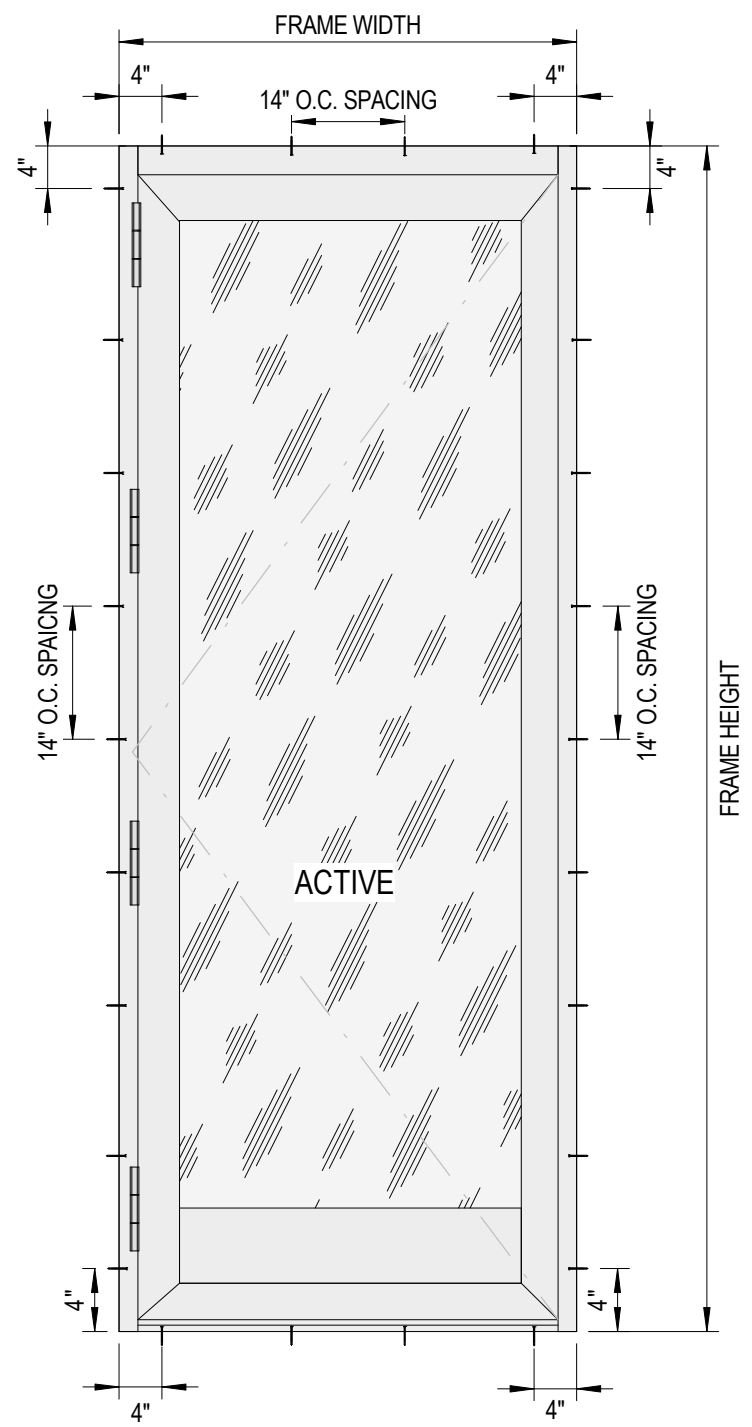
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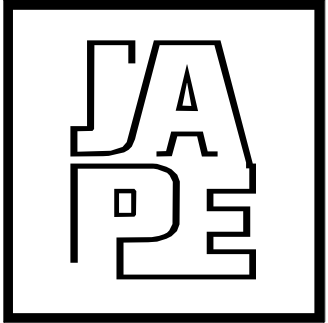


1
106
DOUBLE OUTSWING DOOR- ANCHORAGE LAYOUT
N.T.S.



2
106
SINGLE OUTSWING/INSWING DOOR- ANCHORAGE LAYOUT
N.T.S.

NOTE:
SEE PAGES 108 TO 111 FOR ANCHOR TYPES IN DIFFERENT SUBSTRATES.



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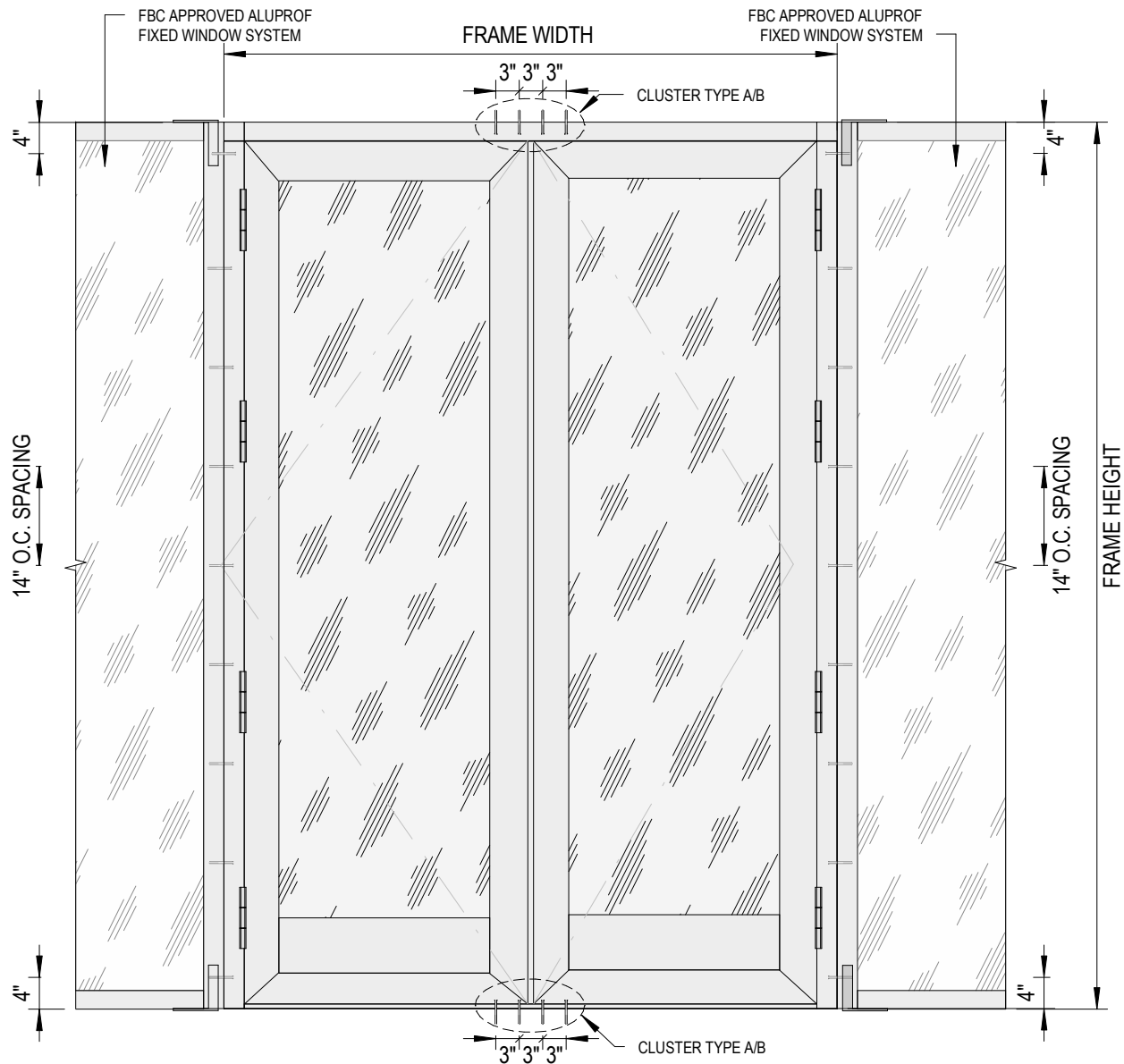
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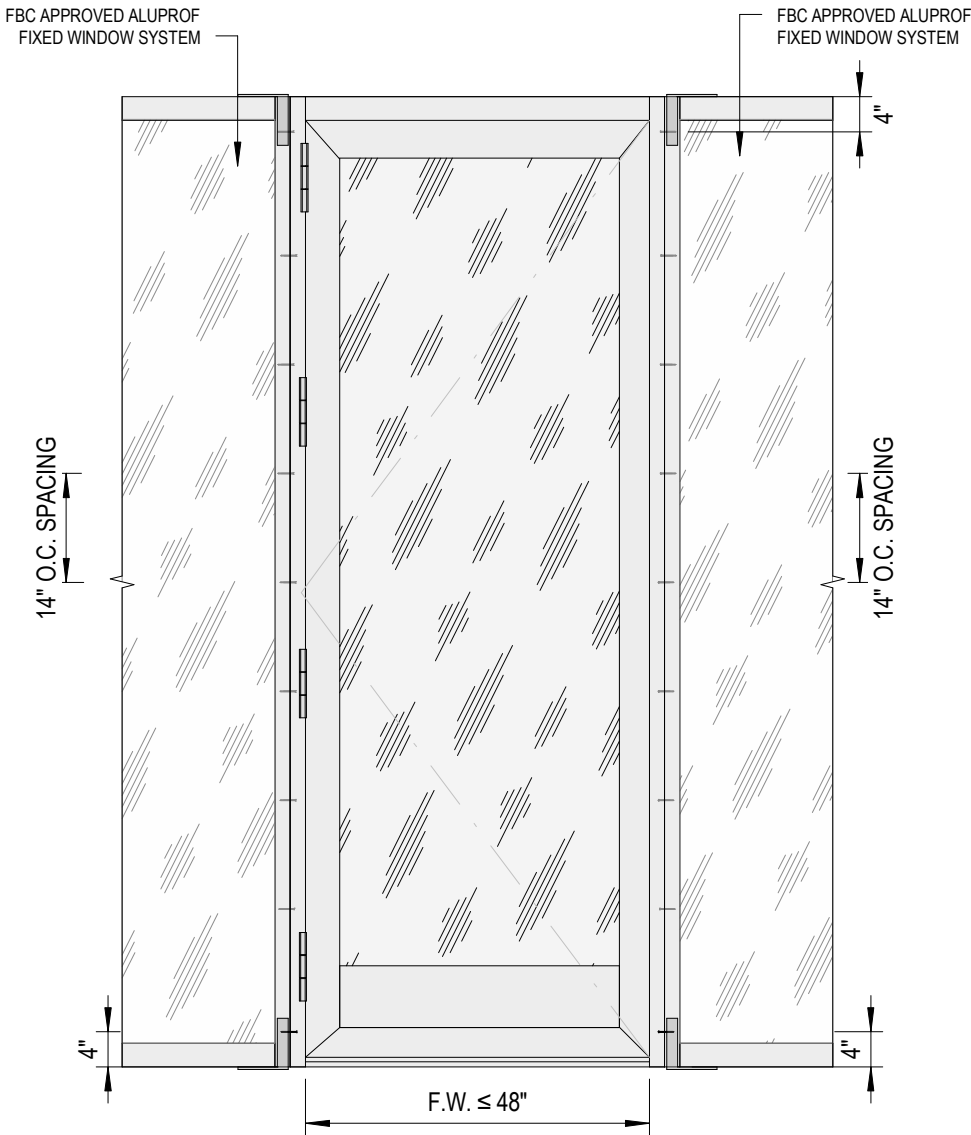


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NOTE: CLUSTER IS NEEDED IF FW>48"

1
107 DOUBLE OUTSWING DOOR- ANCHORAGE LAYOUT WITH FIXED WINDOW SYSTEM
N.T.S.



2
107 SINGLE OUTSWING/INSWING DOOR- ANCHORAGE LAYOUT WITH FIXED WINDOW SYSTEM
N.T.S.

TYPICAL ANCHOR TYPES
(APPLIES TO ALL ANCHORS GOING THROUGH THE DOOR FRAME):

- CLUSTER TYPE A -1/4" DEWALT ULTRACON+ (Fu = 177,000 PSI, Fy = 155,000 PSI)**
- (4) 1/4" DIA. ULTRACON+ ANCHOR DIRECTLY INTO CONCRETE WITH 1-3/4" NOMINAL EMBEDMENT, 2-1/2" MIN. EDGE DISTANCE AND AT 3" O.C. SPACING
 - (8) 1/4" DIA. ULTRACON+ ANCHOR DIRECTLY INTO GROUT FILLED MASONRY WITH 1-1/2" NOMINAL EMBEDMENT, 1-1/2" MIN. EDGE DISTANCE AND AT 3" O.C. SPACING
- CLUSTER TYPE B - (4) 1/4-20 SS SCREWS (MIN. FY 30000 PSI)**
- (4) 1/4-20 SS SCREWS INTO 1/8" MIN. THK. ALUMINUM / STEEL WITH MIN. (3) THREADS EXTENDED BEYOND METAL THICKNESS, 3/4" MIN.EDGE DISTANCE AND 3" O.C. SPACING

- ANCHOR / SUBSTRATE NOTES:**
- CONCRETE AT HEAD OR JAMBS f'c= 3000 PSI
 - C-90 HOLLOW/GROUT FILLED MASONRY UNITS AT JAMBS f'm= 2000 PSI
 - STEEL (1/8" THK., A36 MIN) AT HEAD OR JAMBS
 - ALUMINUM (1/8" THK., 6063-T6 MIN) AT HEAD OR JAMBS
 - STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED BY OTHERS

NOTE:
THE CONCRETE AND METAL STRUCTURE SHOWN ON THIS SHEET SHALL BE DESIGNED BY OTHERS AND ARE NOT PART OF THIS APPROVAL. THE SUPPORTING STRUCTURE MUST BE CAPABLE OF WITHSTANDING THE LOADS IMPOSED BY THE GLAZING SYSTEM.

SEALANTS:
ALL JOINTS AND FRAME CONNECTIONS SHALL BE SEALED WITH ALUMINUM COLOR SEALANT.



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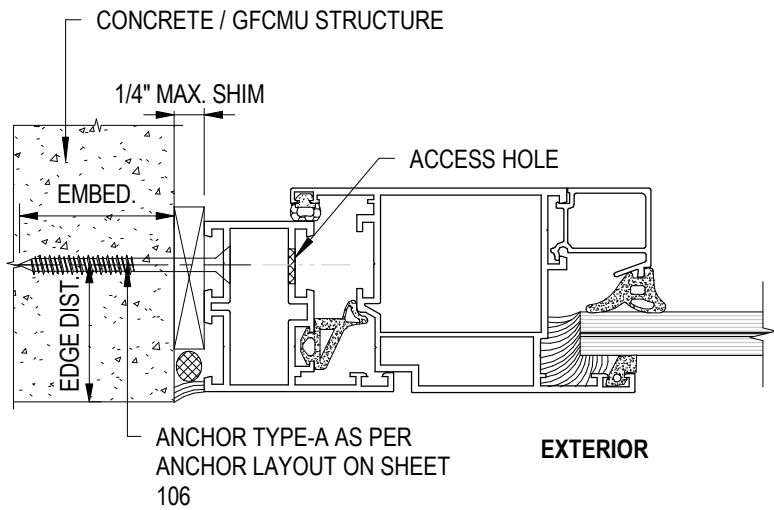
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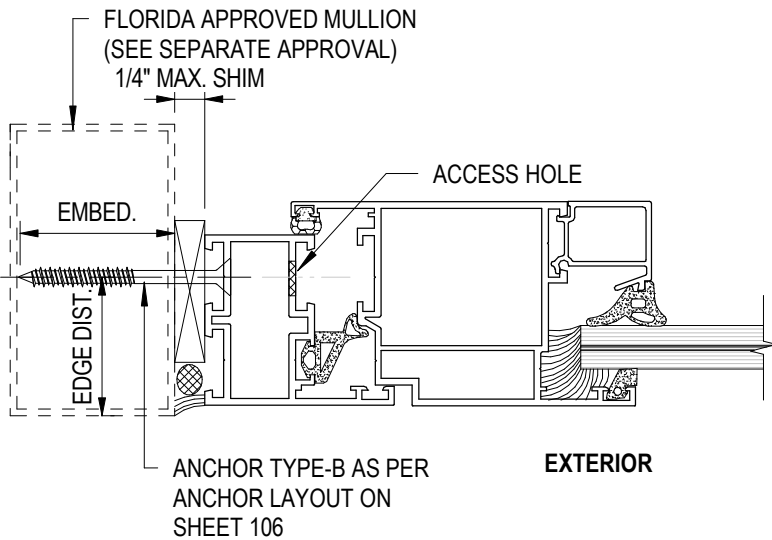
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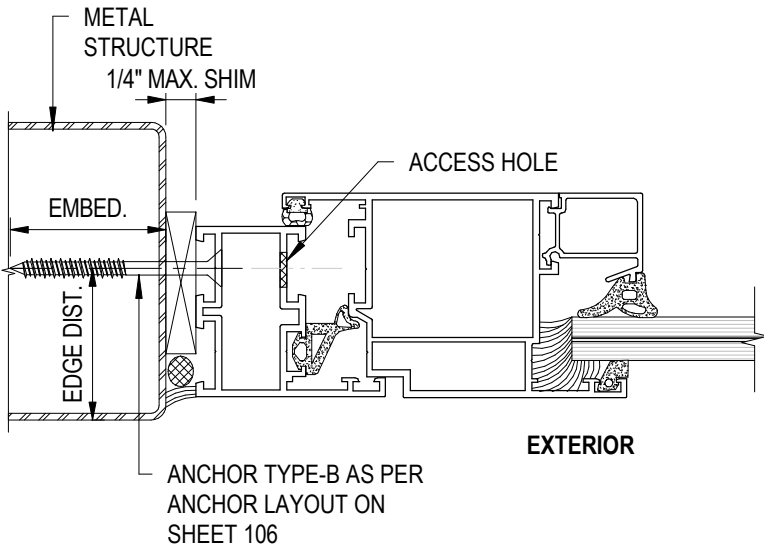
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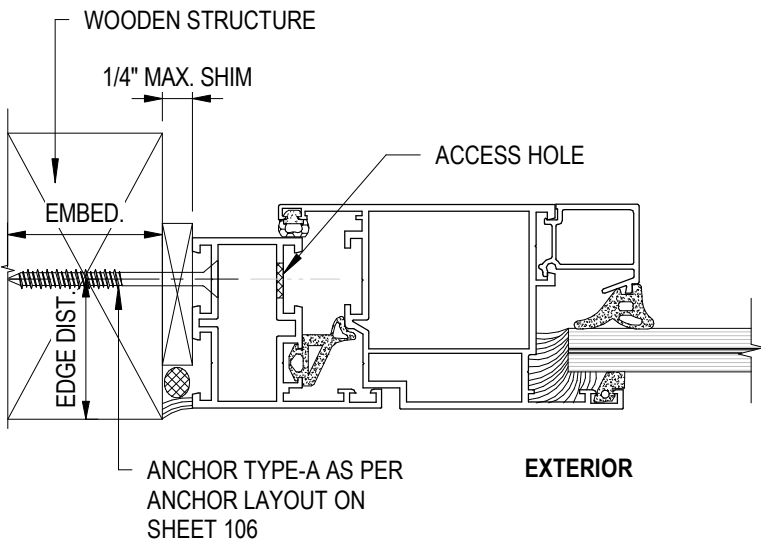
1
108 ANCHORAGE INTO CONCRETE (INSWING)
N.T.S.



3
108 ANCHORAGE INTO ALUMINUM MULLION (INSWING)
N.T.S.



2
108 ANCHORAGE INTO METAL STRUCTURE (INSWING)
N.T.S.



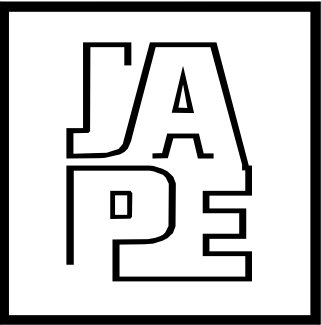
4
108 ANCHORAGE INTO WOOD STRUCTURE (INSWING)
N.T.S.

- TYPICAL ANCHOR TYPES**
(APPLIES TO ALL ANCHORS GOING THROUGH THE DOOR FRAME):
- TYPE A -1/4" DEWALT ULTRACON+ (Fu = 177,000 PSI, Fy = 155,000 PSI)**
- DIRECTLY INTO CONCRETE, OR GROUT FILLED MASONRY WITH 1-3/4" EMBEDMENT, AND 2-1/2" MIN. EDGE DISTANCE AND 14" O.C. SPACING
 - DIRECTLY INTO HOLLOW MASONRY WITH 1-1/4" EMBEDMENT, AND 2-1/2" MIN. EDGE DISTANCE AND 14" O.C. SPACING
 - INTO 2BY WOOD WITH 1-1/2" MIN PENETRATION, AND 1-1/4" MIN EDGE DISTANCE AND 14" O.C. SPACING
- TYPE B - 1/4-20 SS SCREWS (MIN. FY 30000 PSI)**
- INTO 1/8" MIN. THK. ALUMINUM / STEEL WITH MIN. (3) THREADS EXTENDED BEYOND METAL THICKNESS, 3/4" MIN.EDGE DISTANCE AND 14" O.C. SPACING
 - INTO APPROVED MULLIONS MIN. 1/8" THK. WITH MIN. (3) THREADS EXTENDED BEYOND METAL THICKNESS, 3/4" MIN.EDGE DISTANCE AND 14" O.C. SPACING

- ANCHOR / SUBSTRATE NOTES:**
- WOOD AT HEAD OR JAMBS IS SOUTHERN YELLOW PINE #2 (SG=0.55 MIN.)
 - CONCRETE AT HEAD OR JAMBS f'c= 3000 PSI
 - C-90 HOLLOW/GROUT FILLED MASONRY UNITS AT JAMBS f'M= 2000 PSI
 - STEEL (1/8" THK., A36 MIN) AT HEAD OR JAMBS
 - ALUMINUM (1/8" THK., 6063-T6 MIN) AT HEAD OR JAMBS
 - STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED BY OTHERS

NOTE:
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SEALANTS:
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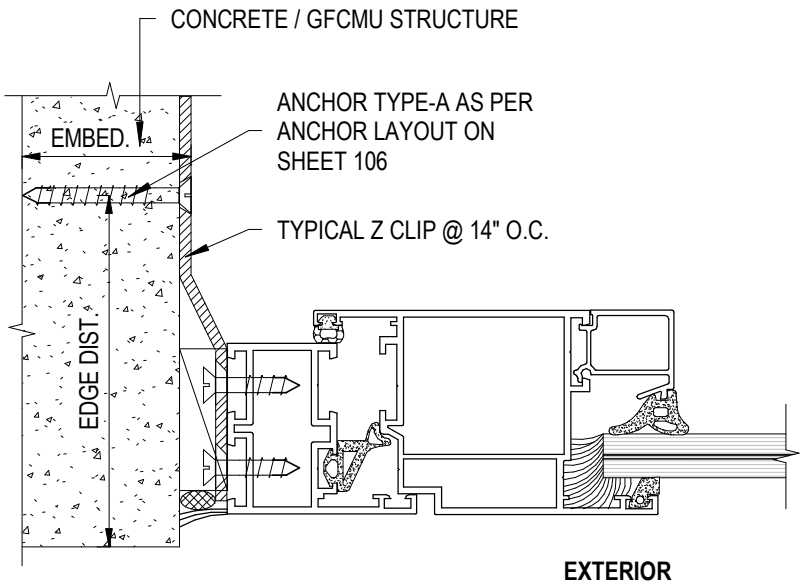


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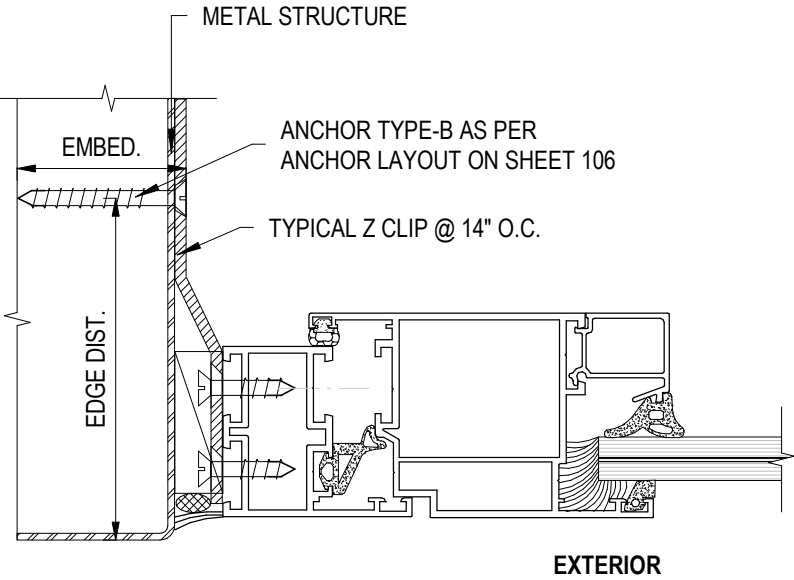
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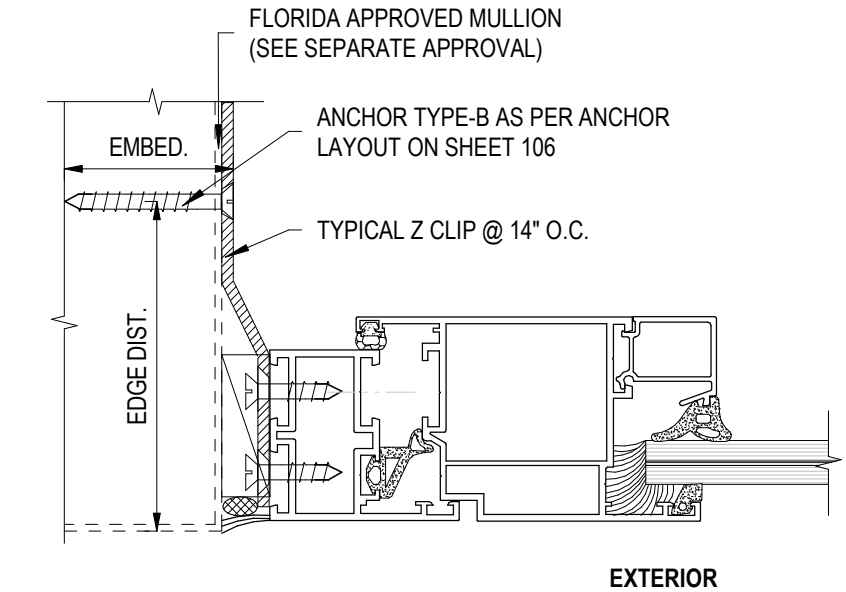
PROJECT :			
MB-45 OUTSWING & INSWING BALCONY DOORS			
CLIENT :			
ALUPROF SA			
WARSZAWSKA 153 STREET, BIELSKO-BIALA, POLAND 43-300			
REVISION			
No.	DATE	BY	DESCRIPTION
date:		08-22-2024	
scale:		N/A	
drawn by:		SA	
check by:		MK	
drawing no.		JA-1232-24	
Eng: JAVAD AHMAD, PE CIVIL FLA. PE # 70592 - C.A.N.34254			
			
08-22-2024			
108		OF 115	



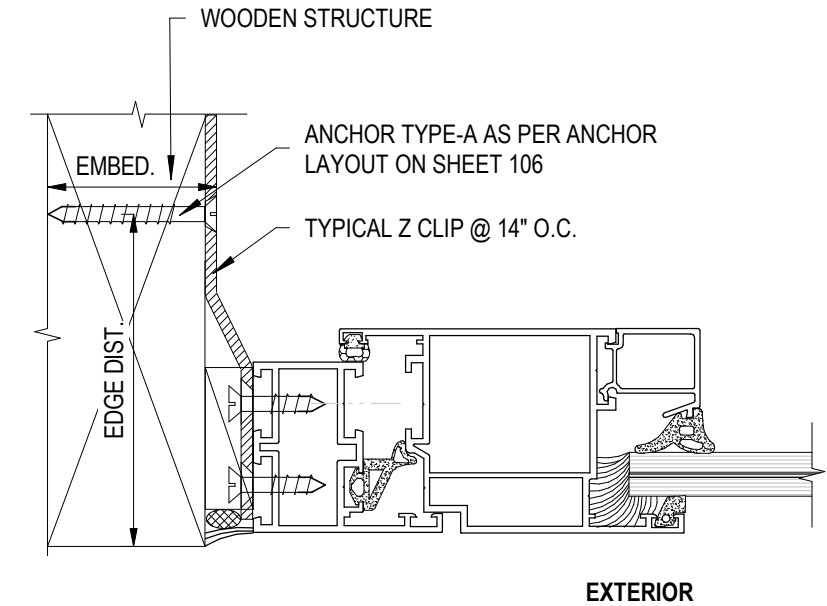
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109 ANCHORAGE INTO CONCRETE (INSWING)
N.T.S.



2
109 ANCHORAGE INTO METAL STRUCTURE (INSWING)
N.T.S.



3
109 ANCHORAGE INTO ALUMINUM MULLION (INSWING)
N.T.S.



4
109 ANCHORAGE INTO WOOD STRUCTURE (INSWING)
N.T.S.

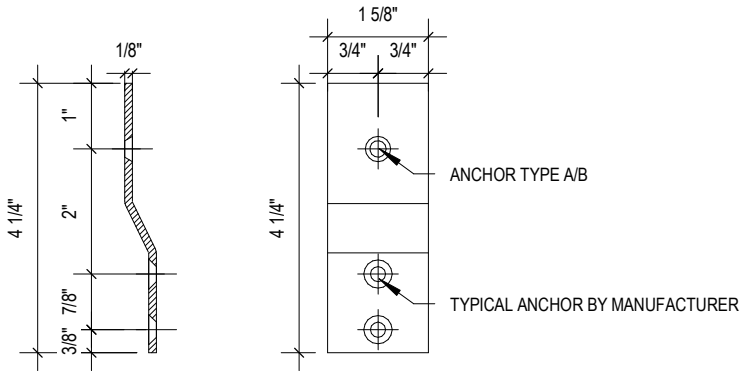
TYPICAL ANCHOR TYPES
(APPLIES TO ALL ANCHORS GOING THROUGH THE DOOR FRAME):

- TYPE A -1/4" DEWALT ULTRACON+ (Fu = 177,000 PSI, Fy = 155,000 PSI)**
- DIRECTLY INTO CONCRETE, OR GROUT FILLED MASONRY WITH 1-3/4" EMBEDMENT, AND 2-1/2" MIN. EDGE DISTANCE AND 14" O.C. SPACING
 - DIRECTLY INTO HOLLOW MASONRY WITH 1-1/4" EMBEDMENT, AND 2-1/2" MIN. EDGE DISTANCE AND 14" O.C. SPACING
 - INTO 2BY WOOD WITH 1-1/2" MIN PENETRATION, AND 1-1/4" MIN EDGE DISTANCE AND 14" O.C. SPACING
- TYPE B - 1/4-20 SS SCREWS (MIN. FY 30000 PSI)**
- INTO 1/8" MIN. THK. ALUMINUM / STEEL WITH MIN. (3) THREADS EXTENDED BEYOND METAL THICKNESS, 3/4" MIN.EDGE DISTANCE AND 14" O.C. SPACING
 - INTO APPROVED MULLIONS MIN. 1/8" THK. WITH MIN. (3) THREADS EXTENDED BEYOND METAL THICKNESS, 3/4" MIN.EDGE DISTANCE AND 14" O.C. SPACING

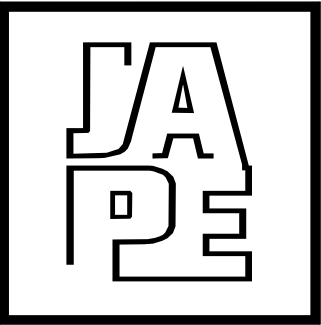
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SEALANTS:
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5
109 Z-CLIP DETAIL.
N.T.S.



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PROJECT :

MB-45 OUTSWING & INSWING
BALCONY DOORS

CLIENT :

ALUPROF SA

WARSZAWSKA 153 STREET,
BIELSKO-BIALA, POLAND 43-300

REVISION

No.	DATE	BY	DESCRIPTION

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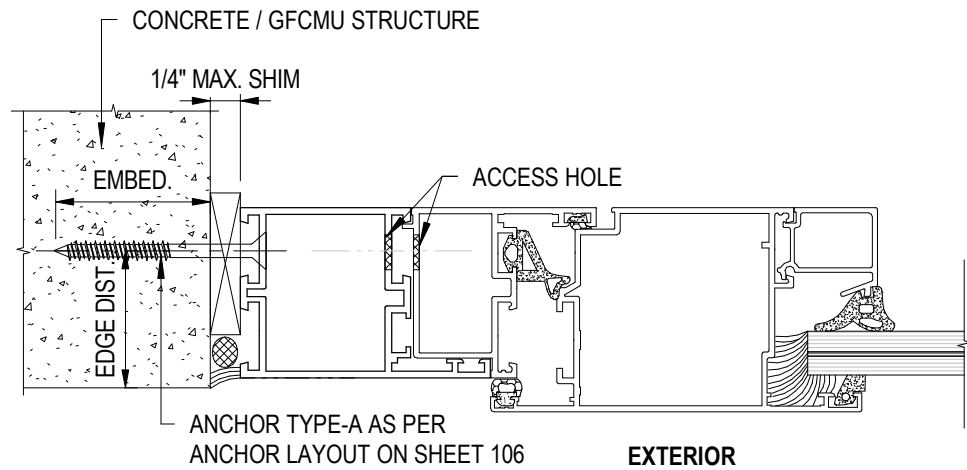
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Drawing no. JA-1232-24

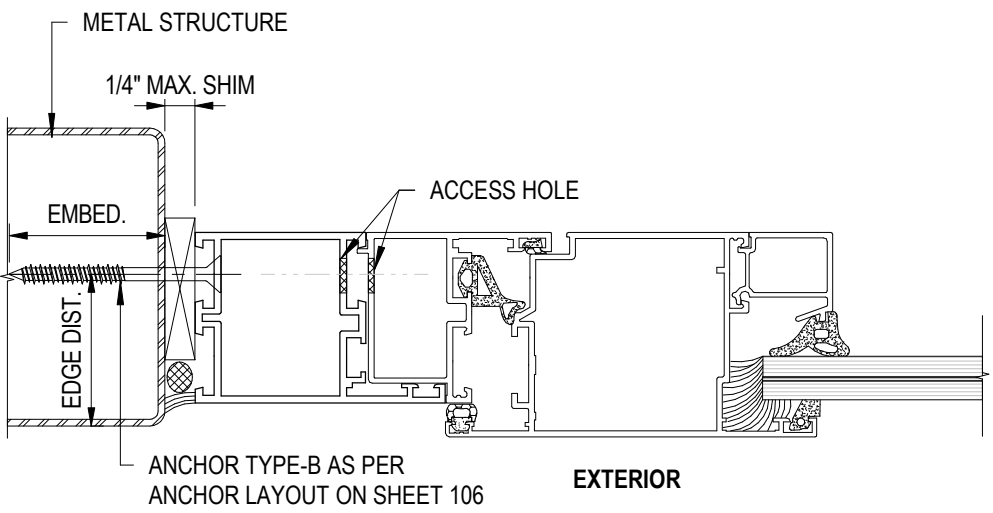
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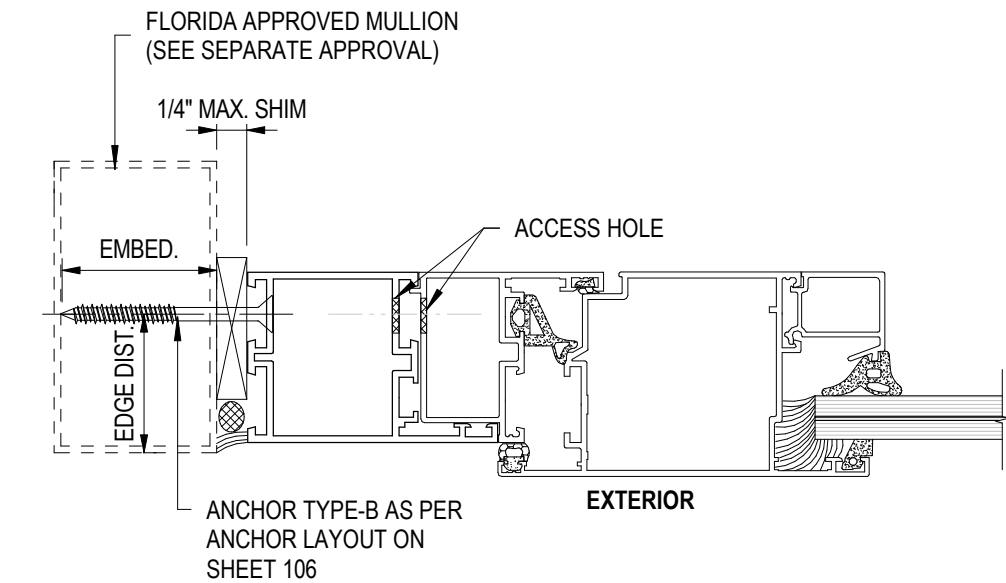
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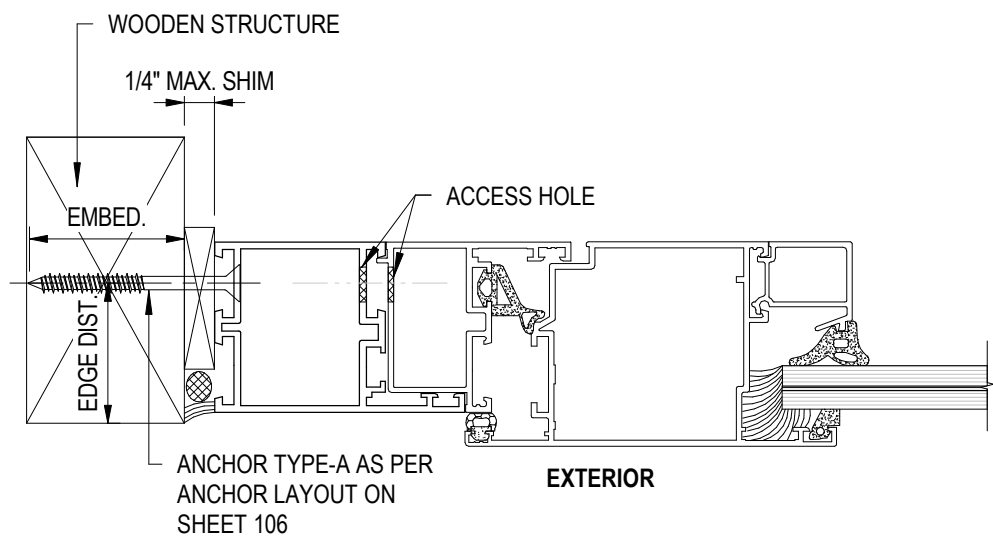
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N.T.S.



2 110 ANCHORAGE INTO METAL STRUCTURE (OUTSWING)
N.T.S.



3 110 ANCHORAGE INTO ALUMINUM MULLION (OUTSWING)
N.T.S.



4 110 ANCHORAGE INTO WOOD STRUCTURE (OUTSWING)
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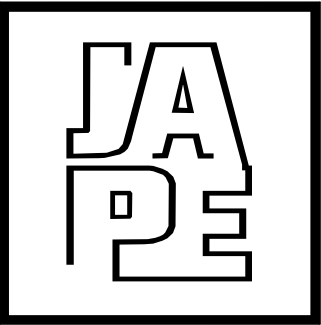
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BALCONY DOORS

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ALUPROF SA

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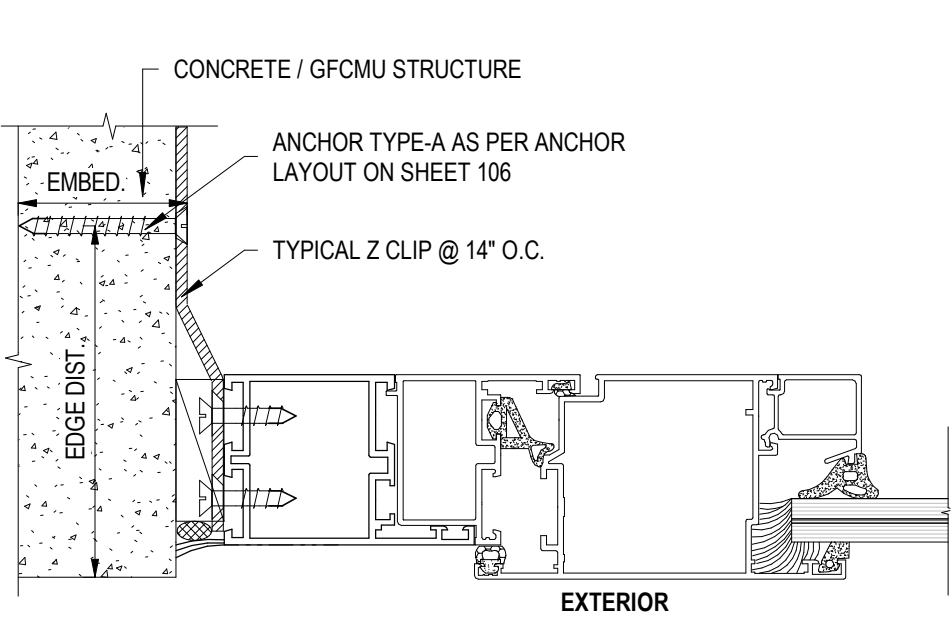
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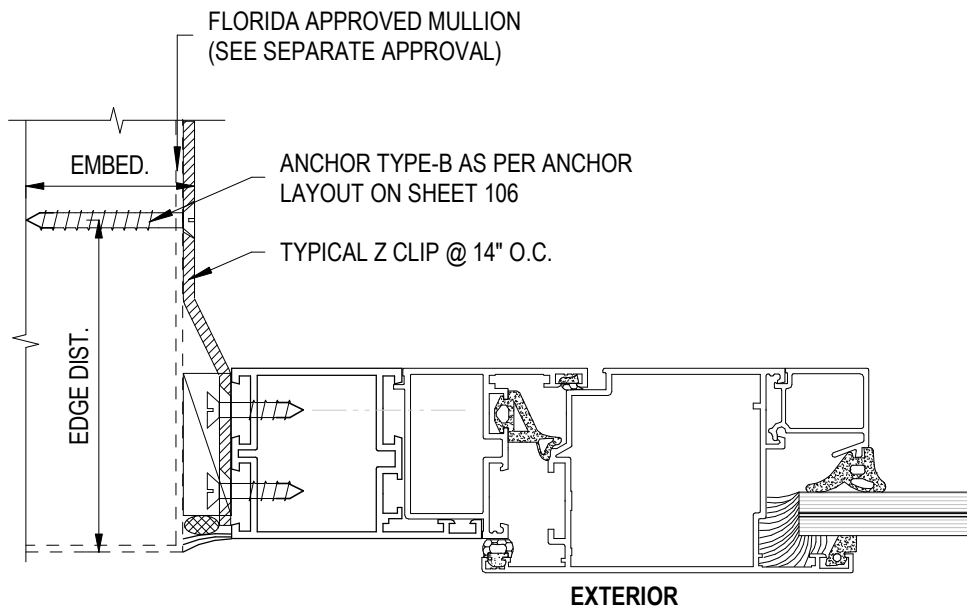
Eng: JAVAD AHMAD, PE
CIVIL FLA. PE # 70592 - C.A.N.34254



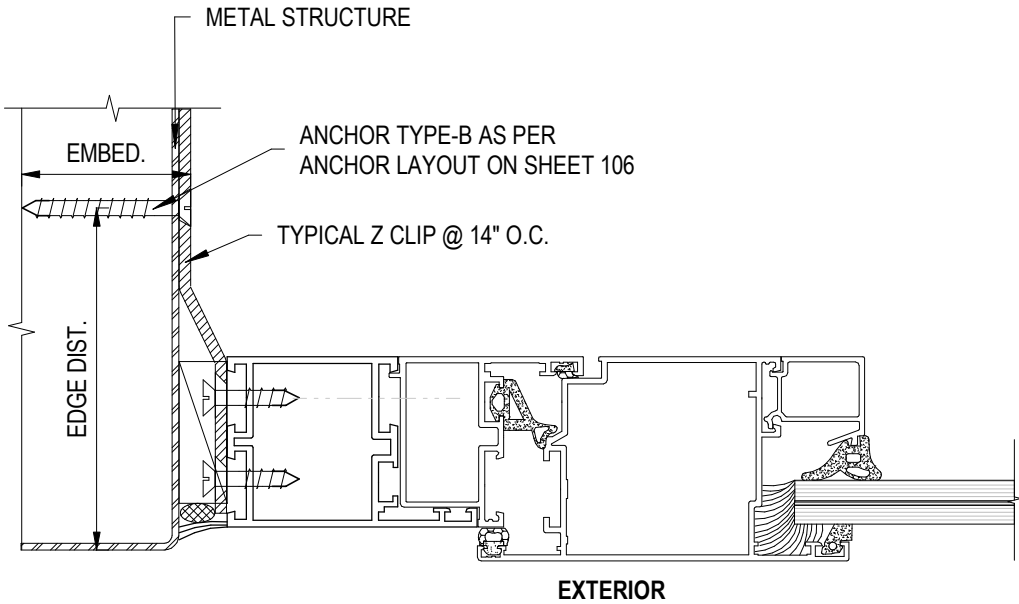
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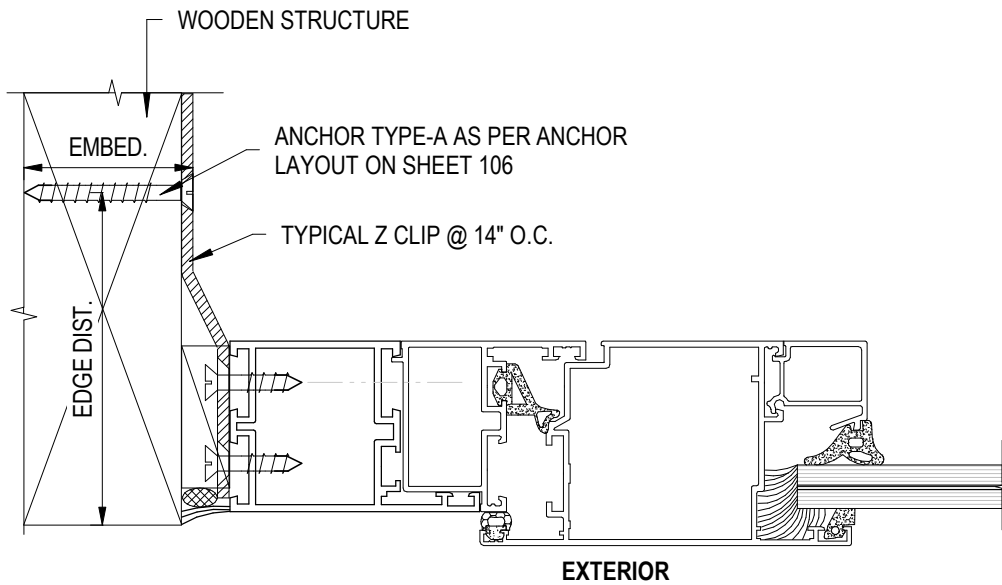
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N.T.S.



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N.T.S.



2
111 ANCHORAGE INTO METAL STRUCTURE (OUTSWING)
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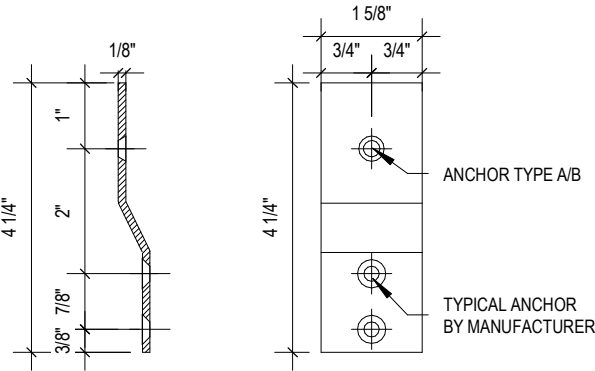
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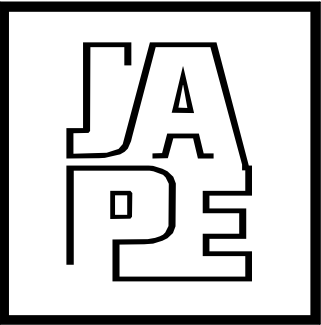
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5
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BALCONY DOORS

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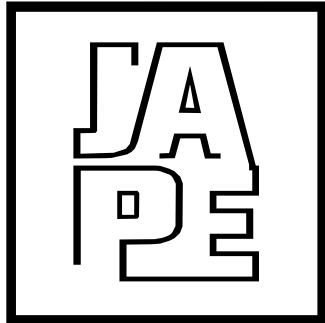
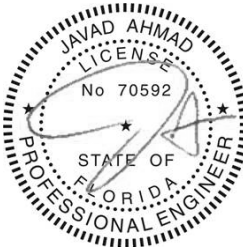
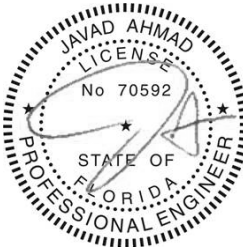
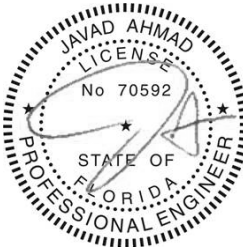
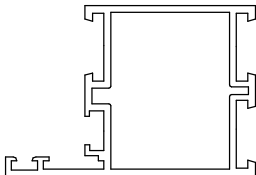
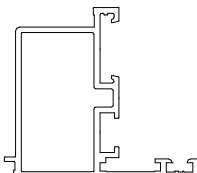
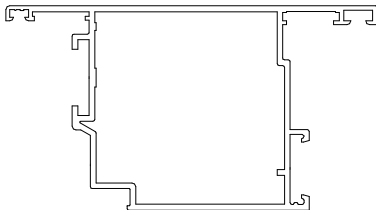
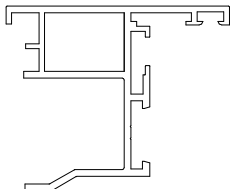
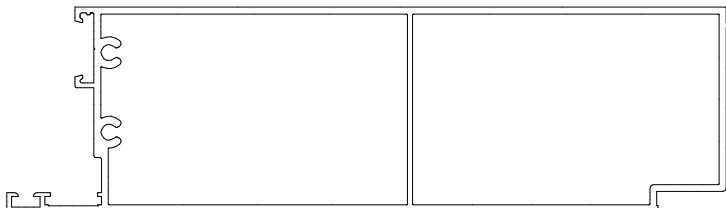
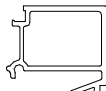
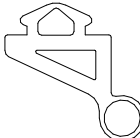
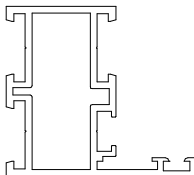
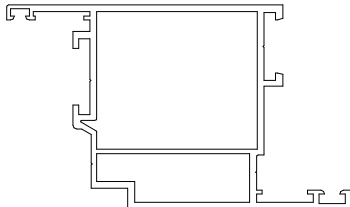
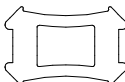
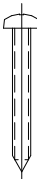
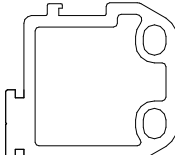
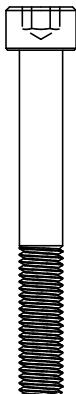
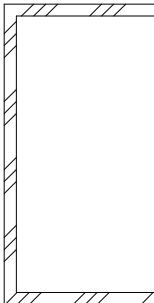
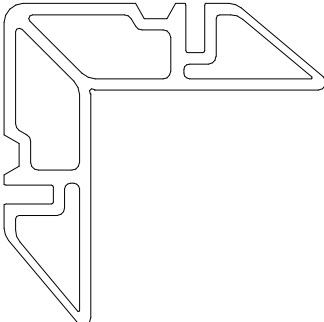
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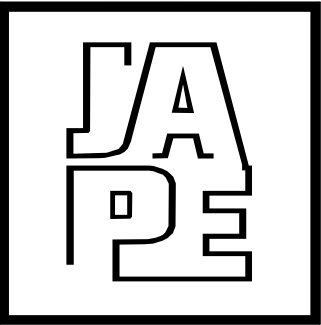
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Eng: JAVAD AHMAD, PE
CIVIL FLA. PE # 70592 - C.A.N.34254



08-22-2024

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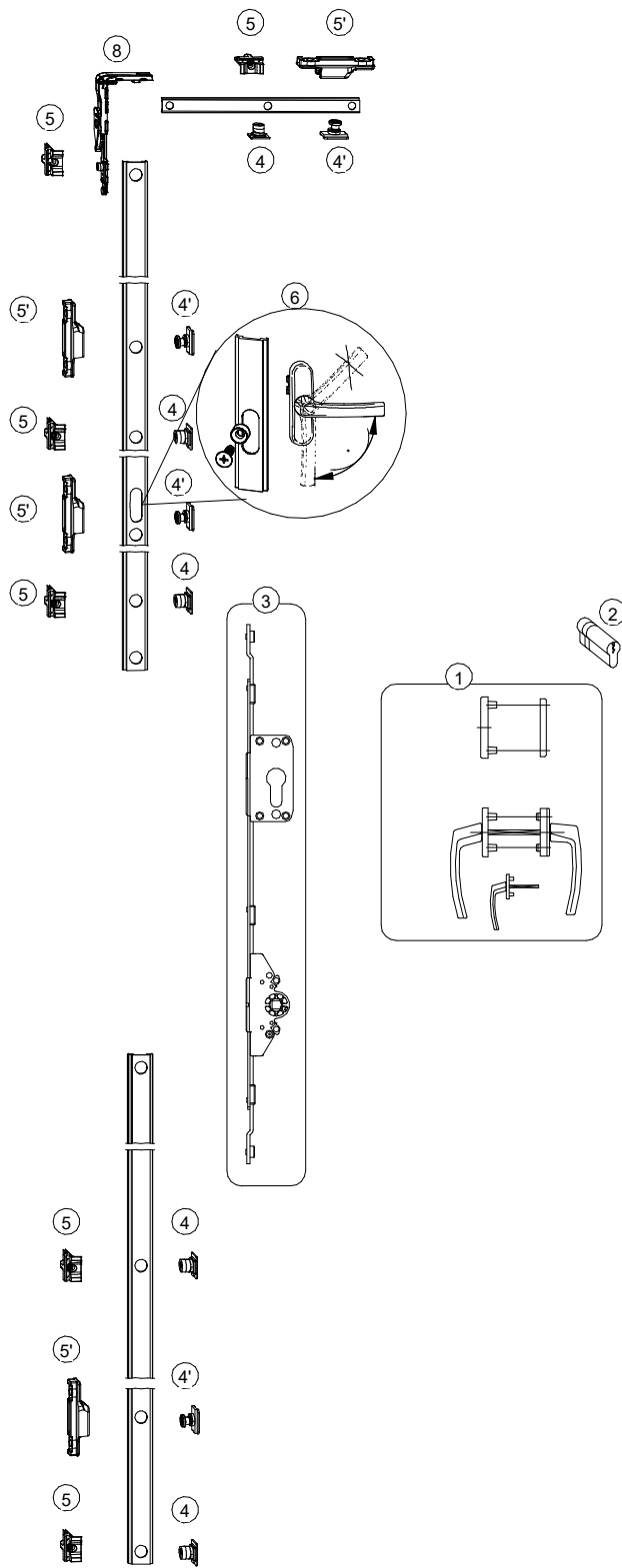
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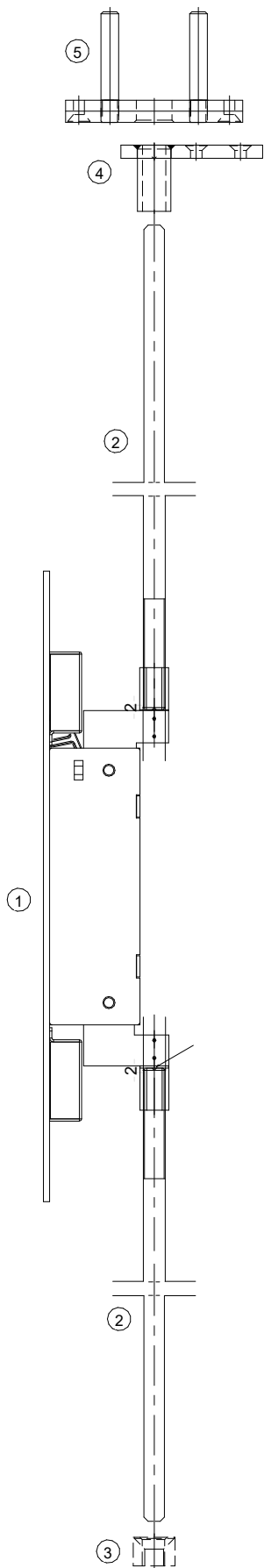
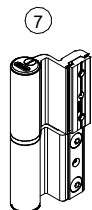
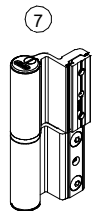
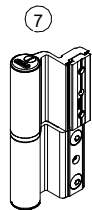
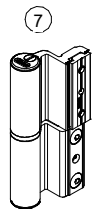
08-22-2024

BILL OF MATERIALS				
ITEM #	REQUIREMENT	PART #	DESCRIPTION	MATERIAL
1	AS REQD.	K415219X	JAMB/HEAD AND SILL MULLION	AW-6060, T66
2	AS REQD.	K430033X	INTERMEDIATE MULLION	AW-6060, T66
3	AS REQD.	K430012X	GLAZING BEAD	AW-6060, T66
4	AS REQD.	K415222X	JAMB MULLION	AW-6060, T66
5	AS REQD.	120542	GASKET	EPDM
6	AS REQD.	K440881X	JAMB/HEAD AND SILL MULLION	AW-6060, T66
7	AS REQD.	K431623X	GLASS STOP	AW-6060, T66
8	AS REQD.	K431633X	GLASS STOP	AW-6060, T66
9	AS REQD.	120542	GASKET	-
10	AS REQD.	120513	GASKET	-
11	AS REQD.	K415218X	INSWING DOOR JAMB/HEAD MULLION	AW-6060, T66
12	AS REQD.	K417805X	INSWING DOOR PANEL MULLION	AW-6060, T66
13	AS REQD.	K440878X	-	AW-6060, T66
14	AS REQD.	K440879X	-	AW-6060, T66
15	AS REQD.	120523	GASKET	-
16	AS REQD.	120524	GASKET	STEEL
17	AS REQD.	8G00154X	RIVET NUT M8	A2 STEEL
18	AS REQD.	8G00154X	-	A2 STEEL
19	AS REQD.	87252509	-	PA
20	AS REQD.	87222509	-	A2 STEEL
21	AS REQD.	87252204	-	A2 STEEL
22	AS REQD.	87252406	-	PE
23	AS REQD.	87222409	-	PA
24	AS REQD.	87252202	-	PA
25	AS REQD.	87252505	-	PA
26	AS REQD.	DIN 912 M8x65	SCREW	-
27	AS REQD.	74000006	-	PA
28	AS REQD.	-	ALUMINUM REINFORCEMENT	AW-6060, T66
29	AS REQD.	80124123	SHEAR BLOCK	AW-6060, T66
30	AS REQD.	80124255	CORNER KEY	AW-6060, T66

FITTINGS - OUTSWING DOOR



1
114 HARDWARE DETAILS - ACTIVE PANEL
N.T.S.



2
114 HARDWARE DETAILS - INACTIVE PANEL
N.T.S.

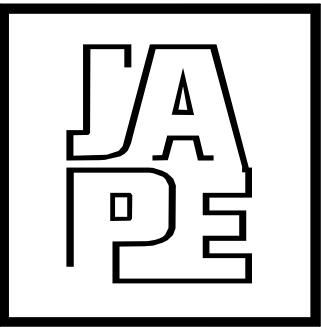
FL #46751.1

ACTIVE DOOR LEAF ITEMS

ITEM NO.	ELEMENT DESCRIPTION	CODE NUMBER
1.	HANDLES,	8H01300X
2.	CYLINDER INSERT 30/50	KI4150030
3.	MECHANISM, ROTO AL	18107597
4.	LOCKING CAM - INSERTABLE, ROTO AL	18105110
4'.	LOCKING CAM - INSERTABLE, ROTO AL	18105165
5.	STRIKER 9MM, ROTO AL	18107161
5'.	STRIKER 9MM, ROTO AL	18105164
6.	LOCKING BUSH WITH SELF-TAPPING SCREW 4.8 X 19, ROTO AL	18107310
7.	FAPIM MONZA 120 HINGES	1922023X
8.	CORNER DRIVE W/O MD	18105761

PASSIVE DOOR LEAF ITEMS

ITEM NO.	ELEMENT DESCRIPTION	CODE NUMBER
1.	MORTICE DOOR BOLT	80010067
2.	ROUND ROD	
3.	STRIKER PLATE FOR SILL	
4.	STRIKER WITH GUIDE	
5.	ROUND BOLT PLATE	



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support@ja-pe.com

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ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

MB-45 OUTSWING & INSWING
BALCONY DOORS

CLIENT :

ALUPROF SA

WARSZAWSKA 153 STREET,
BIELSKO-BIALA, POLAND 43-300

REVISION

No.	DATE	BY	DESCRIPTION

date: 08-22-2024

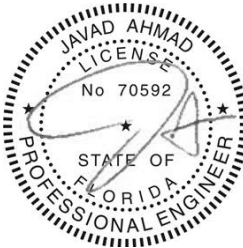
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drawn by: SA

check by: MK

Drawing no. JA-1232-24

Eng: JAVAD AHMAD, PE
CIVIL FLA. PE # 70592 - C.A.N.34254



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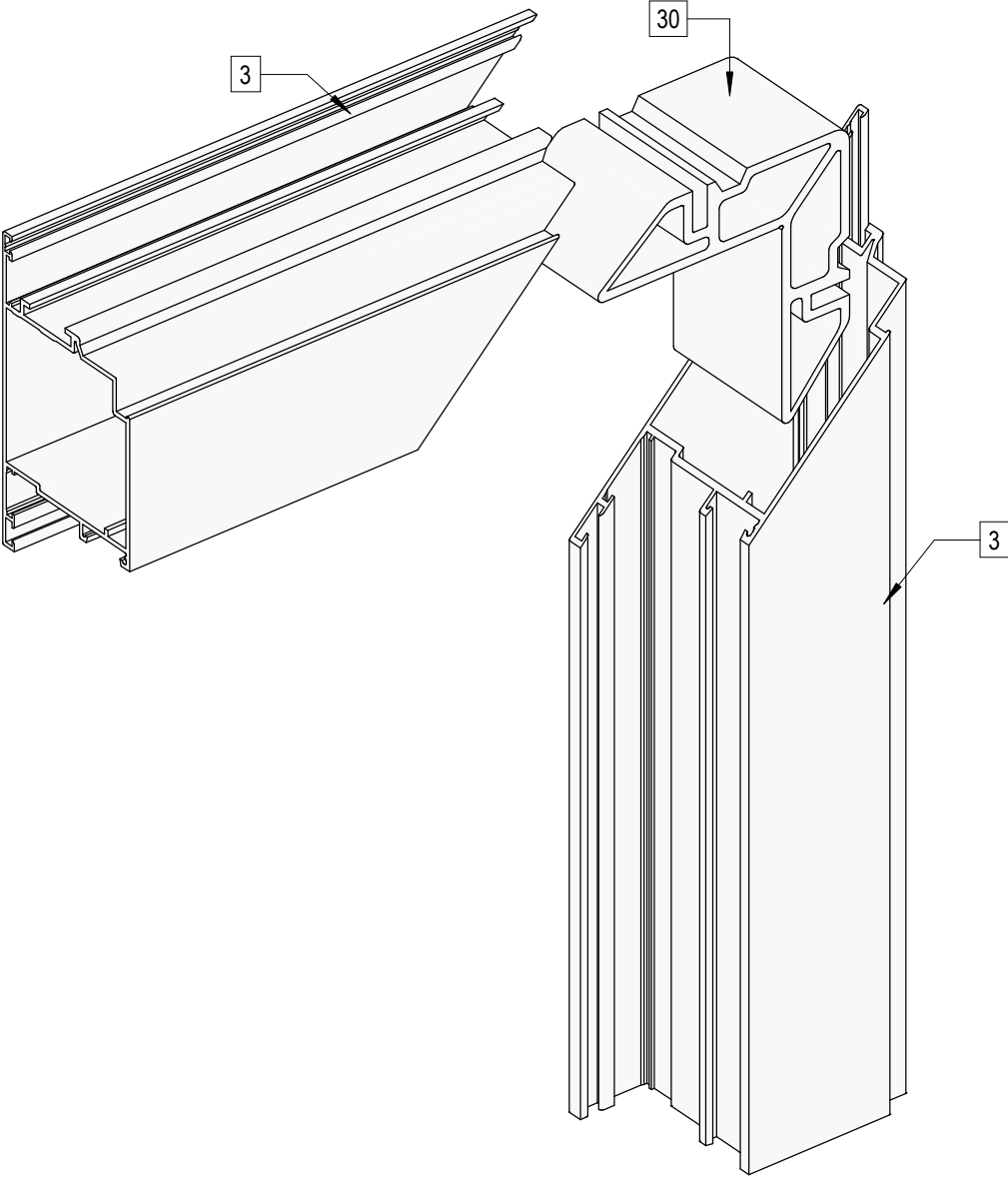
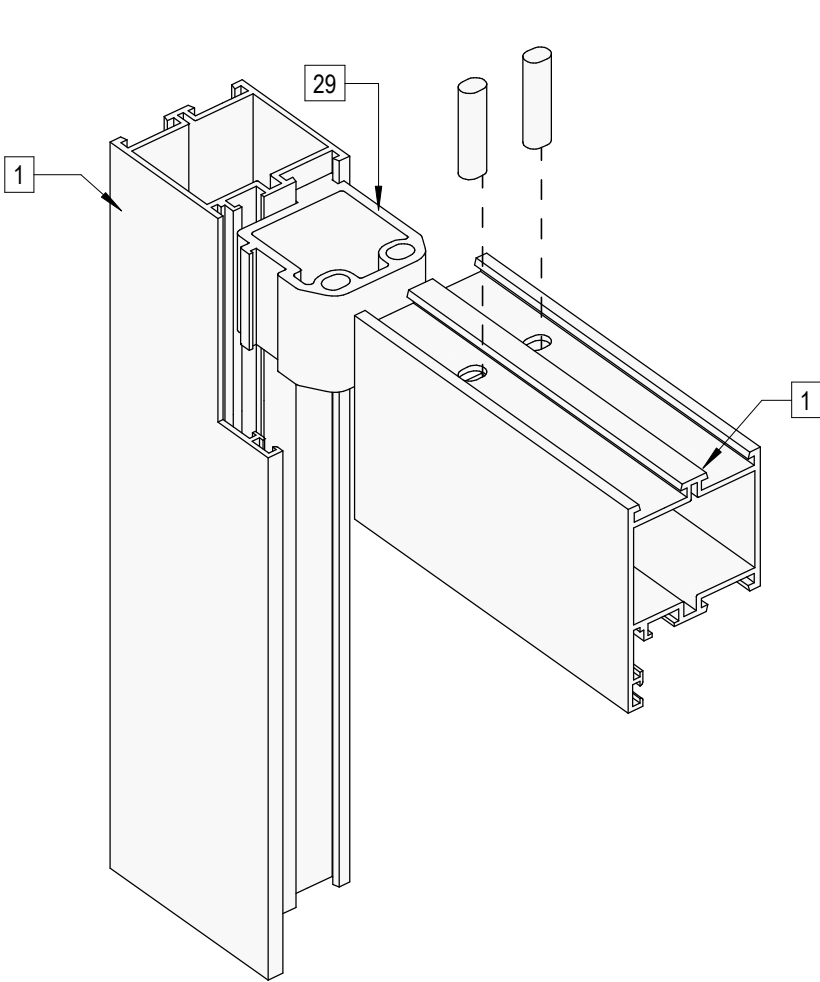
check by: MK

Drawing no. JA-1232-24

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CIVIL FLA. PE # 70592 - C.A.N.34254



08-22-2024



1 CORNER FRAME ASSEMBLY DETAILS
115 N.T.S

2 PANEL CORNER ASSEMBLY DETAILS
115 N.T.S