

MG-2500T : THERMALLY BROKEN ALUMINUM COPLANAR DOOR WITH CONCEALED HINGE

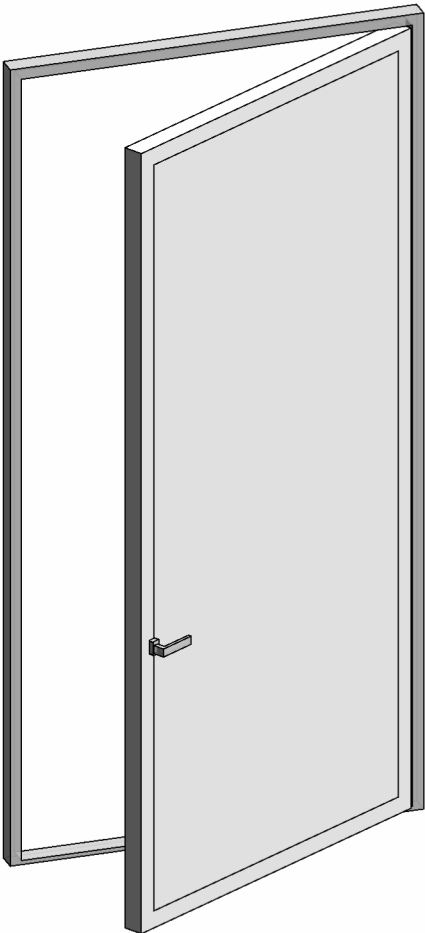
FL# 47317

(LARGE AND SMALL MISSILE IMPACT RATED)

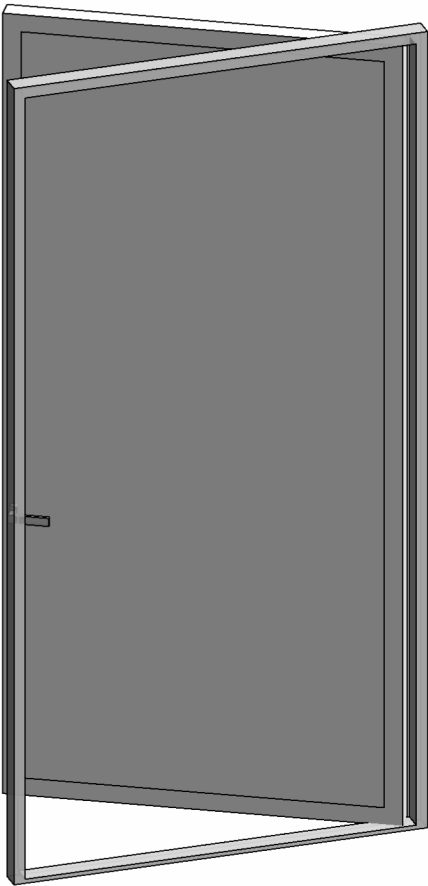
SHEET INDEX

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- NOTE:**
- THIS PRODUCT CAN BE COMBINED WITH OTHER FBC APPROVED MR GLASS DOORS & WINDOWS LLC. 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.
  - IF THE DESIGN PRESSURES/ FRAME DIMENSIONS ON SITE EXCEEDS THE PRESSURES GIVEN IN THIS APPROVAL, PLEASE CONTACT MR GLASS DOORS & WINDOWS INC FOR SPECIAL APPROVALS.



OUT-SWING DOOR



IN-SWING DOOR

THERMALLY BROKEN COPLANAR DOOR

| DESIGN PRESSURE RATING |                 |                                |
|------------------------|-----------------|--------------------------------|
| PANEL SIZE             | DESIGN PRESSURE | MISSILE IMPACT RATING          |
| 56-1/8" X117-5/8"      | +/- 70 PSF      | LARGE AND SMALL MISSILE IMPACT |

GENERAL NOTES

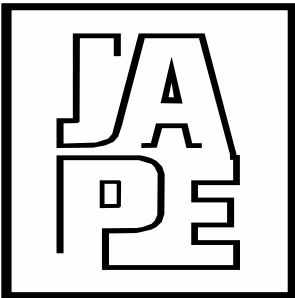
- THE SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE EIGHTH EDITION (2023), FOR USE WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE (HVHZ) PER TAS 201/202/203.
- DESIGN PRESSURES MENTIONED IN THIS CERTIFICATION AS ALLOWABLE PRESSURES (ASD) BASED ON TESTED PRESSURE DIVIDED BY A FACTOR OF SAFETY OF 1.5.
- THIS PRODUCT HAS BEEN TESTED IN ACCORDANCE WITH THE STANDARDS IN NOTE 1 OF THE GENERAL NOTES 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 DESIGN IS USED SHALL BE RESPONSIBLE FOR THE INTEGRITY OF ALL SUPPORTING SURFACES TO THIS DESIGN 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 ANY SITE SPECIFIC INSTALLATION INFORMATION. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A QUALIFIED ENGINEER LICENSED IN THE STATE OF FLORIDA 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.
- FASTENERS DESCRIBED IN THIS CERTIFICATION ARE PERMITTED TO BE SUBSTITUTE 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 ASTM F588.
- EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- THIS PRODUCT IS APPROVED FOR FORCED ENTRY RESISTANCE AS PER ASTM F588 AND AAMA 1302.

- 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:  
MR GLASS DOORS & WINDOWS, LLC.  
8051 NW 79TH PL MEDLEY, MIAMI, FL 33166  
APPROVED BY FLORIDA BUILDING COMMISSION  
FLORIDA PRODUCT APPROVAL NUMBER FL# 47317

THIS SYSTEM IS APPROVED FOR INSTALLATION WHERE WATER INFILTRATION RESISTANCE IS REQUIRED UP TO +55 PSF (8.25 PSF WATER TEST)

THIS SYSTEM IS RATED FOR LARGE & SMALL MISSILE IMPACT.



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
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Ph: (305) 424-8001  
support@ja-pe.com

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ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

MG-2500T : THERMALLY  
BROKEN ALUMINUM COPLANAR  
DOOR WITH CONCEALED HINGE

LARGE AND SMALL MISSILE  
IMPACT RATED

CLIENT :

MR GLASS DOORS & WINDOWS,  
LLC.

8051 NW 79TH PL MEDLEY  
MIAMI, FL 33166

REVISION

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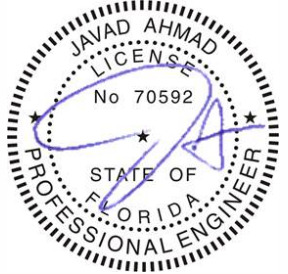
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Drawn by: DK

Check by: PK

Drawing no. JA-1724-25

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



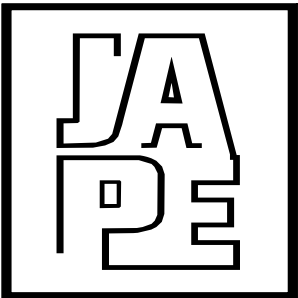
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OF 109

TYPICAL ELEVATION

FL# 47317



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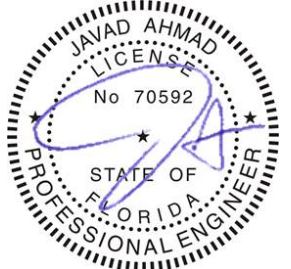
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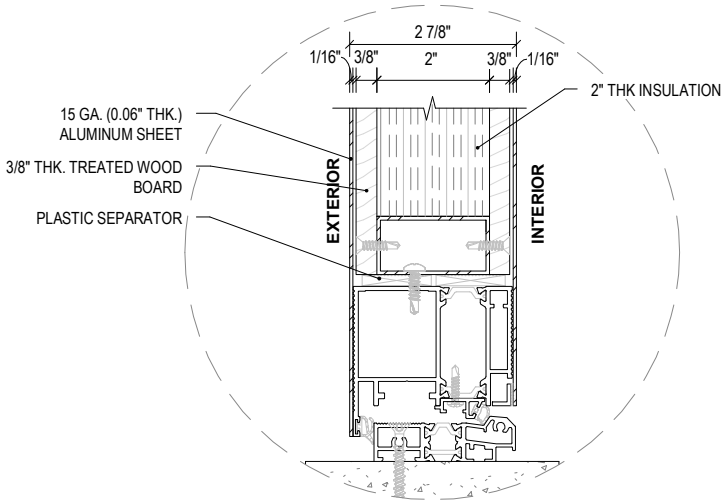
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HARDWARE :

- DOOR HANDLE** : (1) ICONIC RECOVERABLE HANDLE MR. GLASS PART NO. 220067 LOCATED 43 1/4" FROM THE BOTTOM OF THE DOOR LEAF ATTACHED USING (2) #8X1" ST. ST. PFH SDS.
- LOCK** : CISA MULTITOP MATIC 4 POINT LOCKS MR. GLASS PART NO. 130206 ATTACHED USING (14) #8 X 1 ST. ST. PFH SELF-TAPPING SCREWS. THE LOCK ENGAGED THE LOCK STRIKES AT 15 3/4", 41 5/8", 72", AND 99 3/8" FROM THE BOTTOM OF THE DOOR LEAF.
- KEYED LOCK** : THE KEYED LOCK MR. GLASS PART NO130206 WAS LOCATED AT 39 1/2" FROM THE BOTTOM AND ENGAGED THE STRIKES IN THE DOOR FRAME.
- LOCK STRIKE PLATE:** THE (4) STRIKE PLATES MR. GLASS PART NO. (1) 130200 & (3) 130201 MAIN STRIKE SINGLE POINT STRIKER RESPECTIVELY AND WERE ATTACHED TO THE LOCK STILE SIDE JAMB USING (2) #10 X 1" ST. ST. PHILIP FLAT HEAD SELF-TAPPING SCREWS WITH ONE SCREW AT EACH END.
- HINGE** : (3) CONCEALED HINGES; MR. GLASS PART NO. 285001 ATTACHED USING (2) #10-32 X 1 1/2" FLAT HEAD MACHINE SCREWS AT EACH END USING A TOTAL OF EIGHT SCREWS AND WERE LOCATED AT 10 3/4", 58 3/4", 107 1/2" FROM THE BOTTOM OF THE DOOR LEAF. THE HINGE DEPTH WAS INCREASED USING A BACKUP PLATE ON THE DOOR LEAF SIDE. THE BACKUP PLATE WAS ATTACHED TO THE HINGE USING (2) #10-32 X 3/8" FLAT HEAD MACHINE SCREW. THE ALUMINUM SHIMS WERE USED BOTH ON DOOR FRAME AND DOOR LEAF SIDE TO INSTALL THE HINGES.
- WEEP/DRAIN HOLES** : 3/16" X 1 1/2" LONG DRAIN HOLES AT 7" FROM THE CORNER ON THE EXTERIOR SIZE & (1) IN THE SILL.



1  
102 TYPICAL OUT-SWING DOOR  
NOT TO SCALE

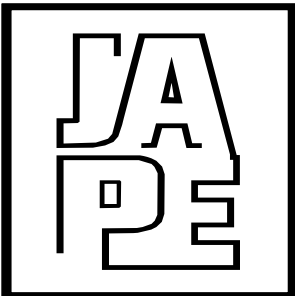
2  
102 TYPICAL IN-SWING DOOR  
NOT TO SCALE

3  
102 PANEL DETAIL  
NOT TO SCALE

| SYSTEM                                  | MAX.<br>LEAF WIDTH | MAX.<br>LEAF HEIGHT | MAX.<br>FRAME WIDTH | MAX.<br>FRAME HEIGHT |
|-----------------------------------------|--------------------|---------------------|---------------------|----------------------|
| THERMALLY BROKEN ALUMINUM COPLANAR DOOR | 56-1/8"            | 117-5/8"            | 60"                 | 120"                 |

SECTIONAL DETAILS

FL# 47317



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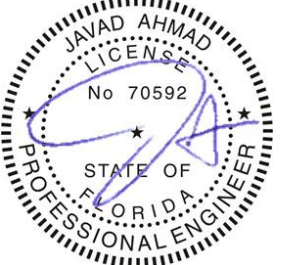
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Check by: PK

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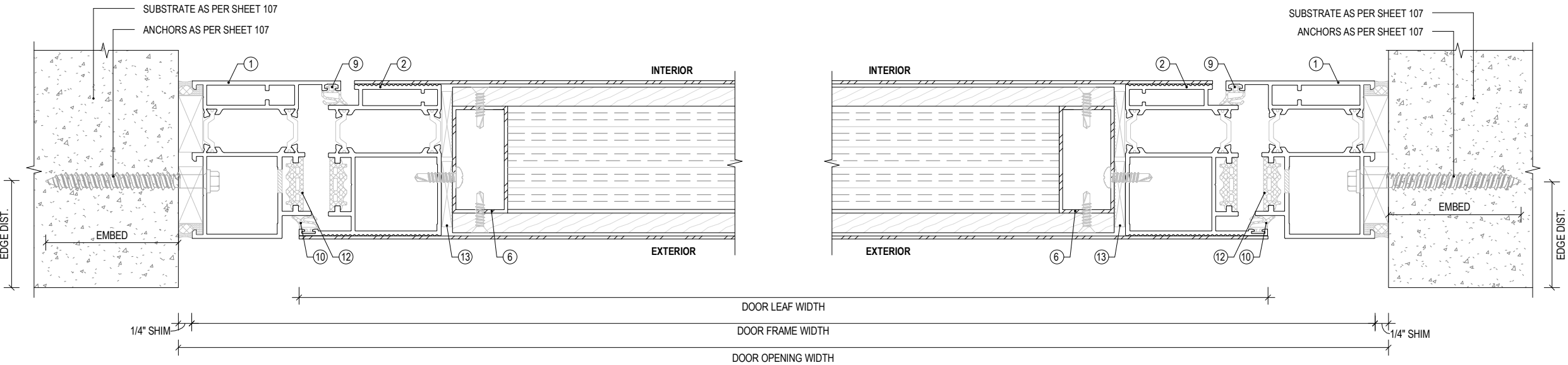
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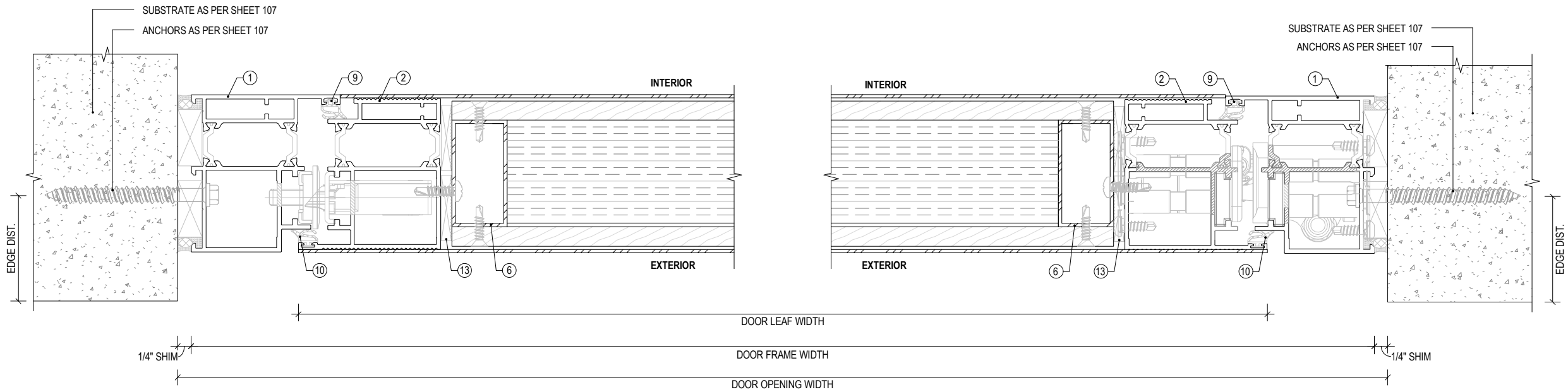
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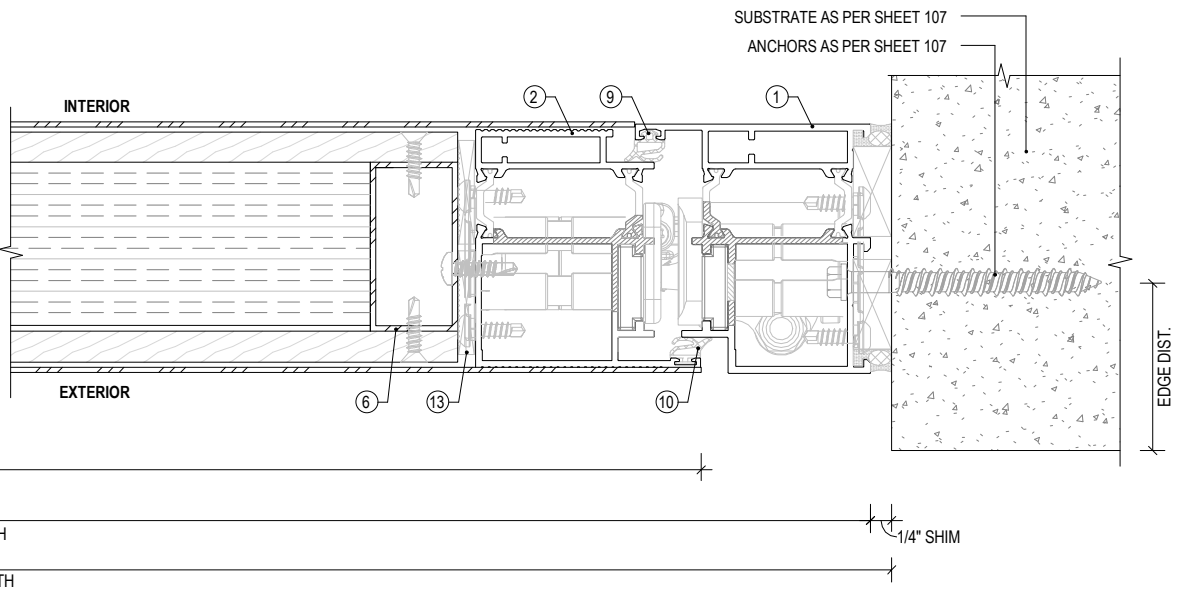
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1  
103  
TYPICAL HORIZONTAL SECTION DETAILS FOR OUT-SWING DOOR  
NOT TO SCALE



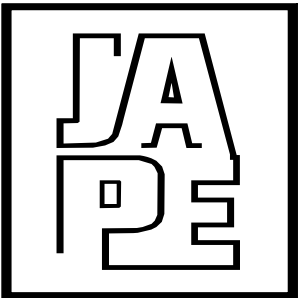
2  
103  
HORIZONTAL SECTION DETAILS AT STRIKE LOCK FOR OUT-SWING DOOR  
NOT TO SCALE



3  
103  
HORIZONTAL SECTION DETAILS AT HINGE FOR OUT-SWING DOOR  
NOT TO SCALE

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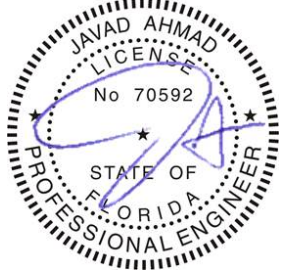
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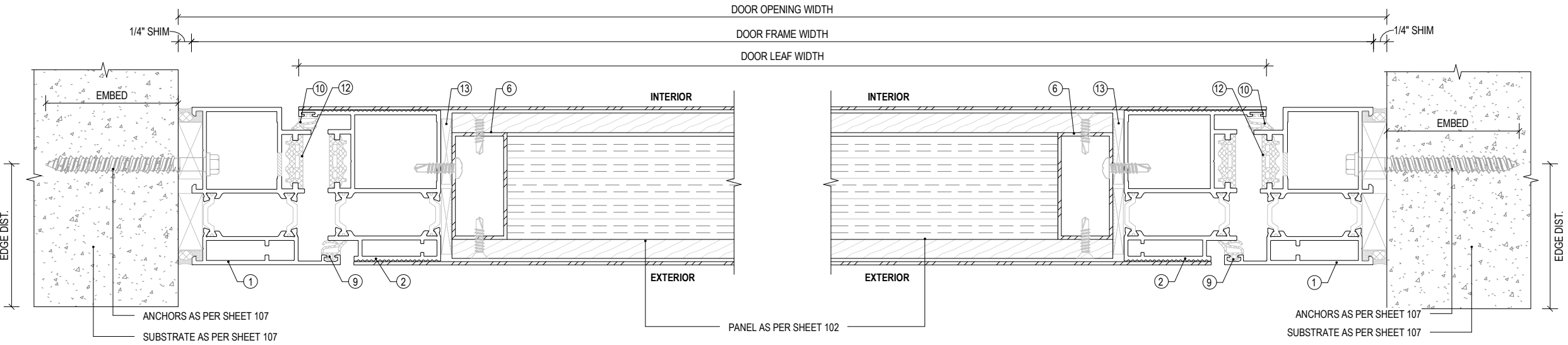
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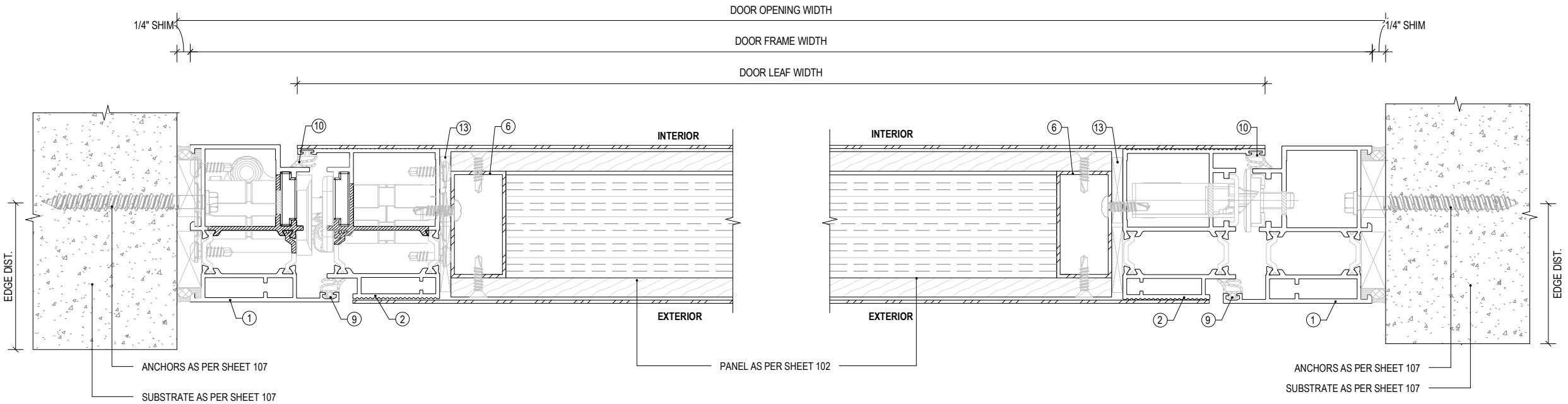
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104

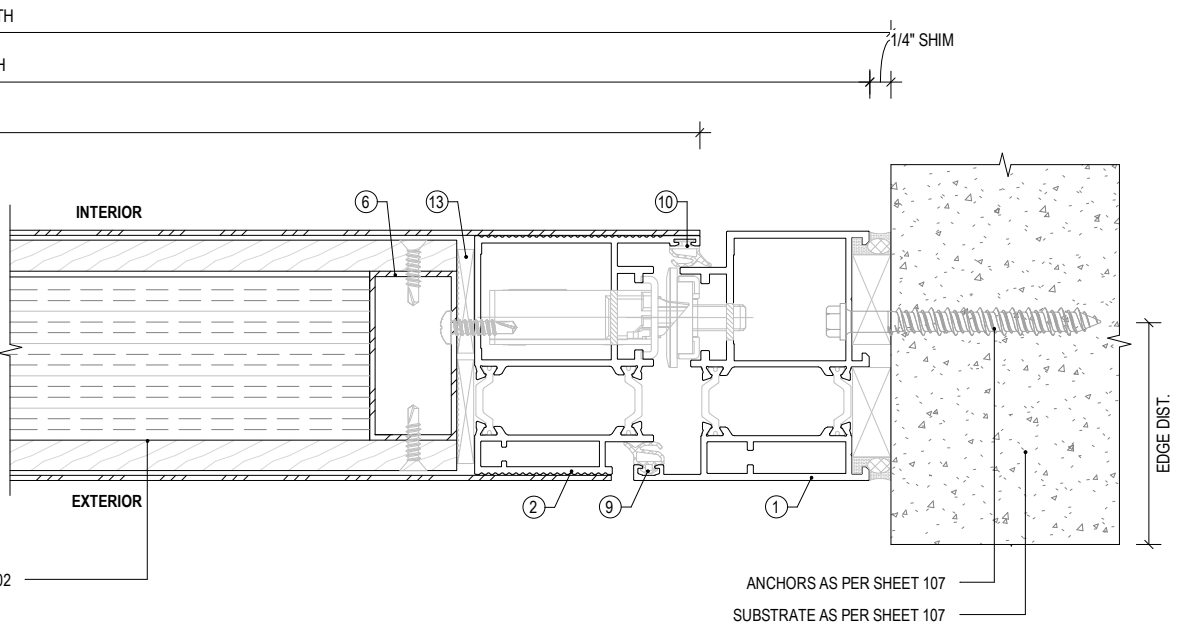
OF 109



1  
104  
TYPICAL HORIZONTAL SECTION DETAILS FOR IN-SWING DOOR  
NOT TO SCALE



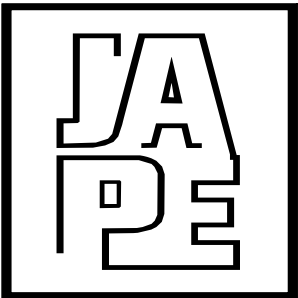
2  
104  
HORIZONTAL SECTION DETAILS AT STRIKE LOCK FOR IN-SWING DOOR  
NOT TO SCALE



3  
104  
HORIZONTAL SECTION DETAILS AT HINGE FOR IN-SWING DOOR  
NOT TO SCALE

SECTIONAL DETAILS

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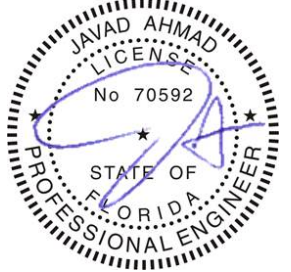
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Check by: PK

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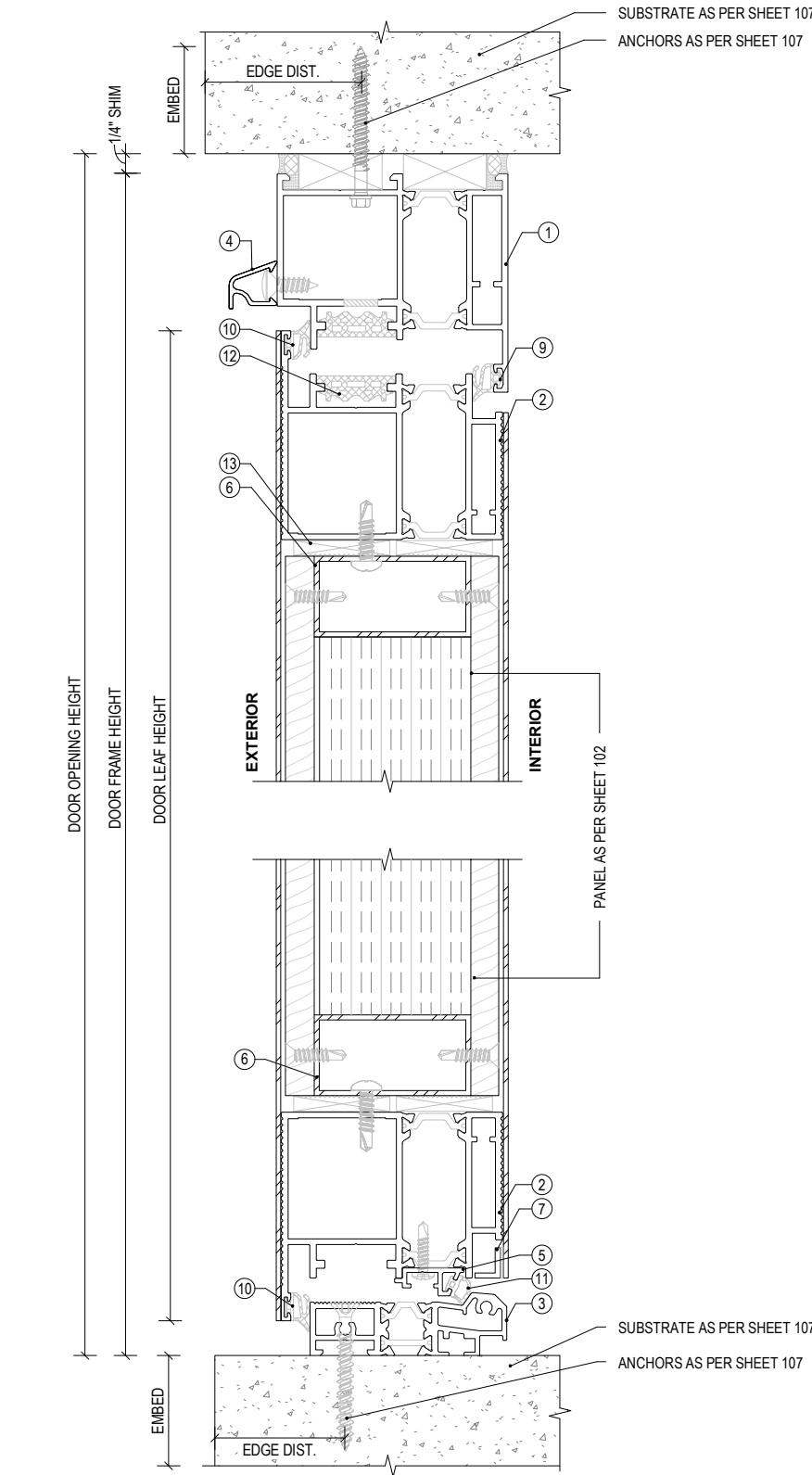
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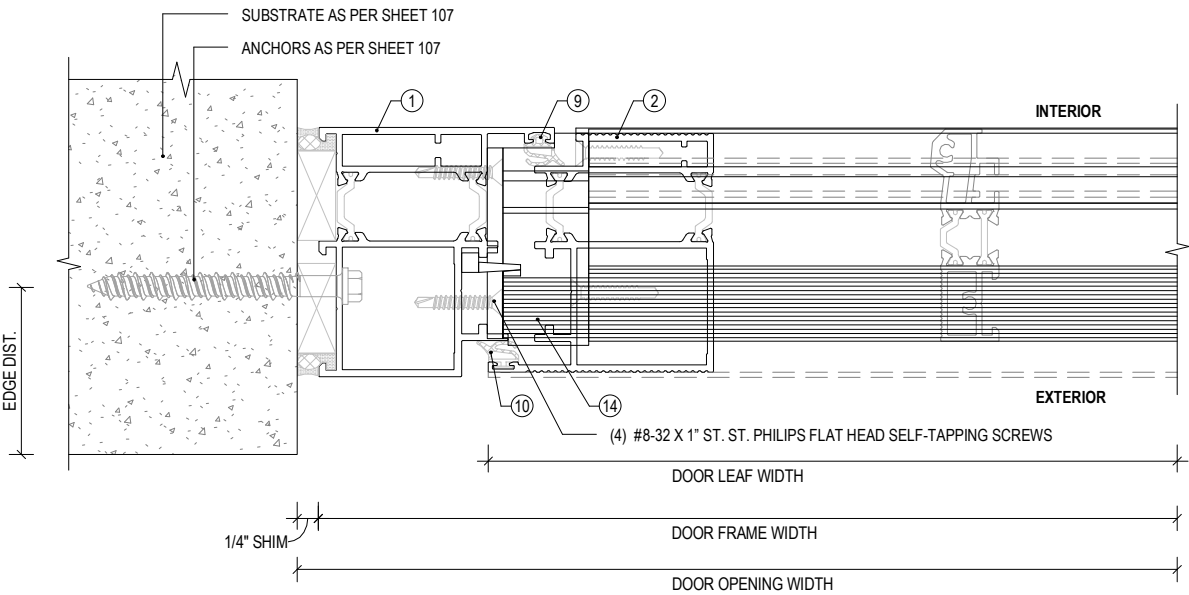
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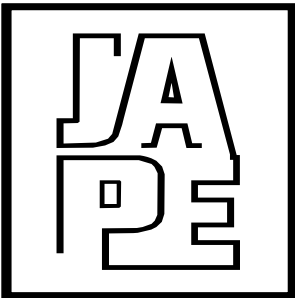
1  
105  
VERTICAL SECTION DETAIL FOR OUT-SWING DOOR  
NOT TO SCALE



2  
105  
HORIZONTAL SECTION DETAILS AT THRESHOLD FOR OUT-SWING DOOR  
NOT TO SCALE

SECTIONAL DETAILS

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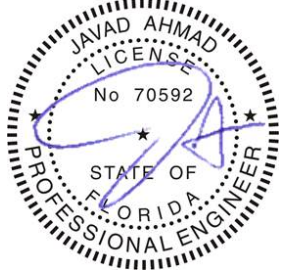
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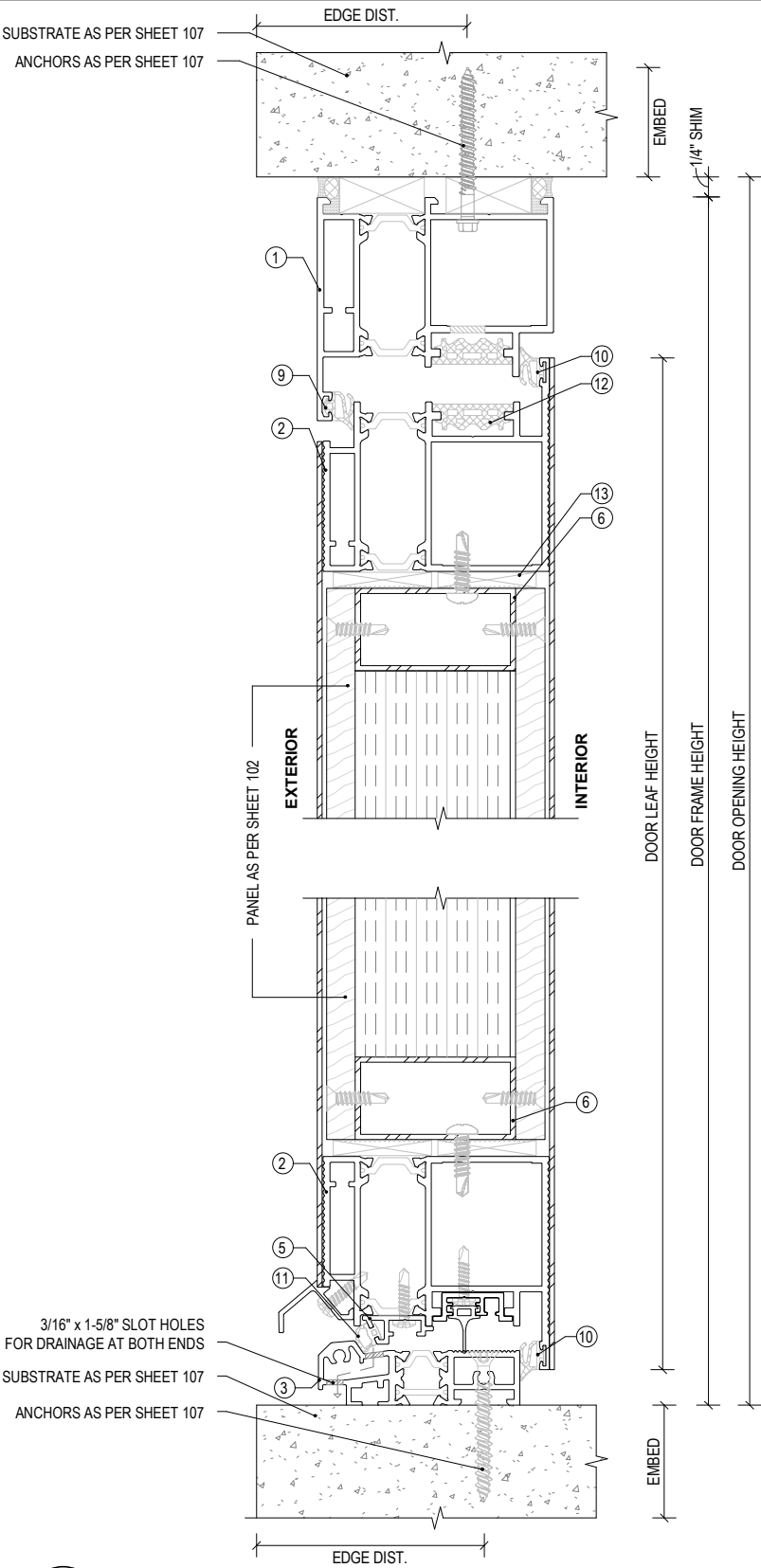
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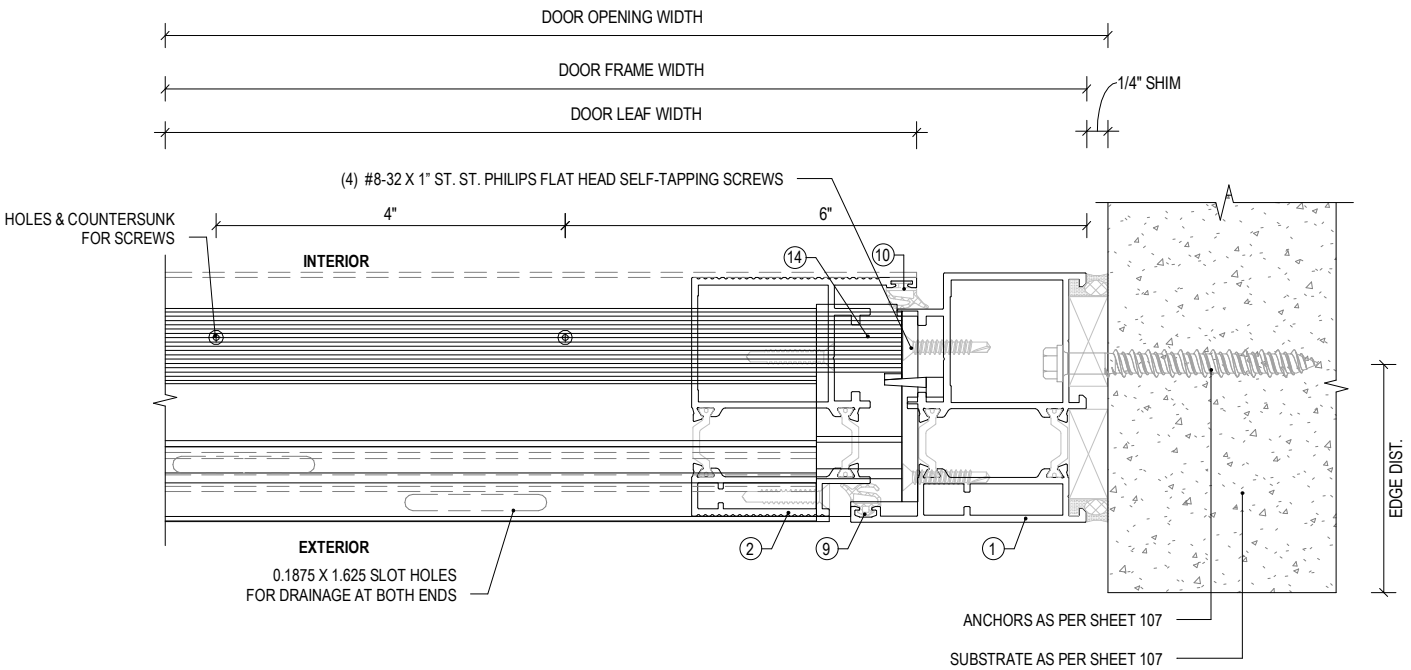
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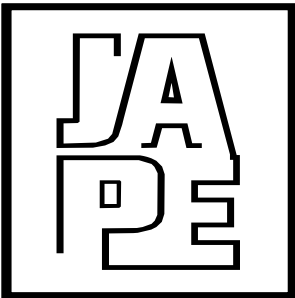
1  
106  
VERTICAL SECTION DETAIL FOR IN-SWING DOOR  
NOT TO SCALE



2  
106  
HORIZONTAL SECTION DETAILS AT THRESHOLD FOR IN-SWING DOOR  
NOT TO SCALE

ANCHORAGE LAYOUT

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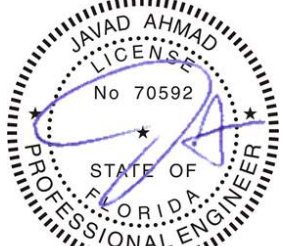
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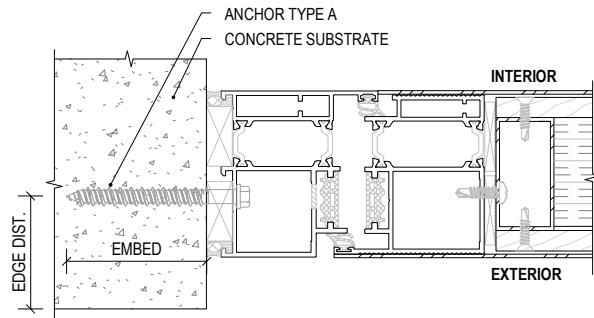
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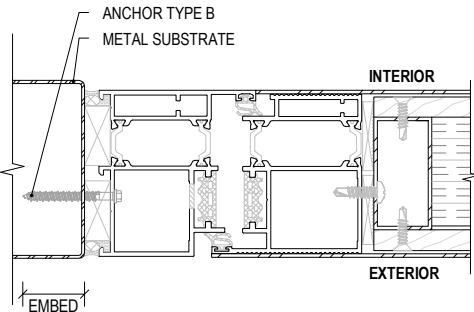
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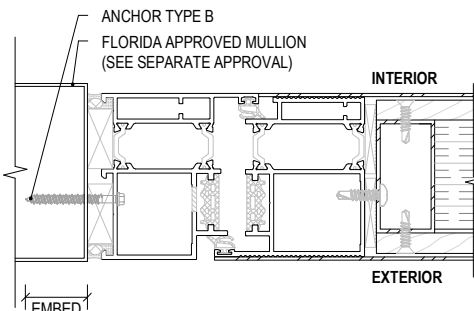
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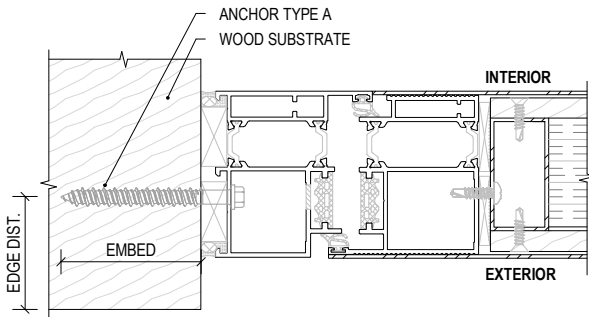
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107  
ANCHORAGE INTO CONCRETE STRUCTURE  
NOT TO SCALE



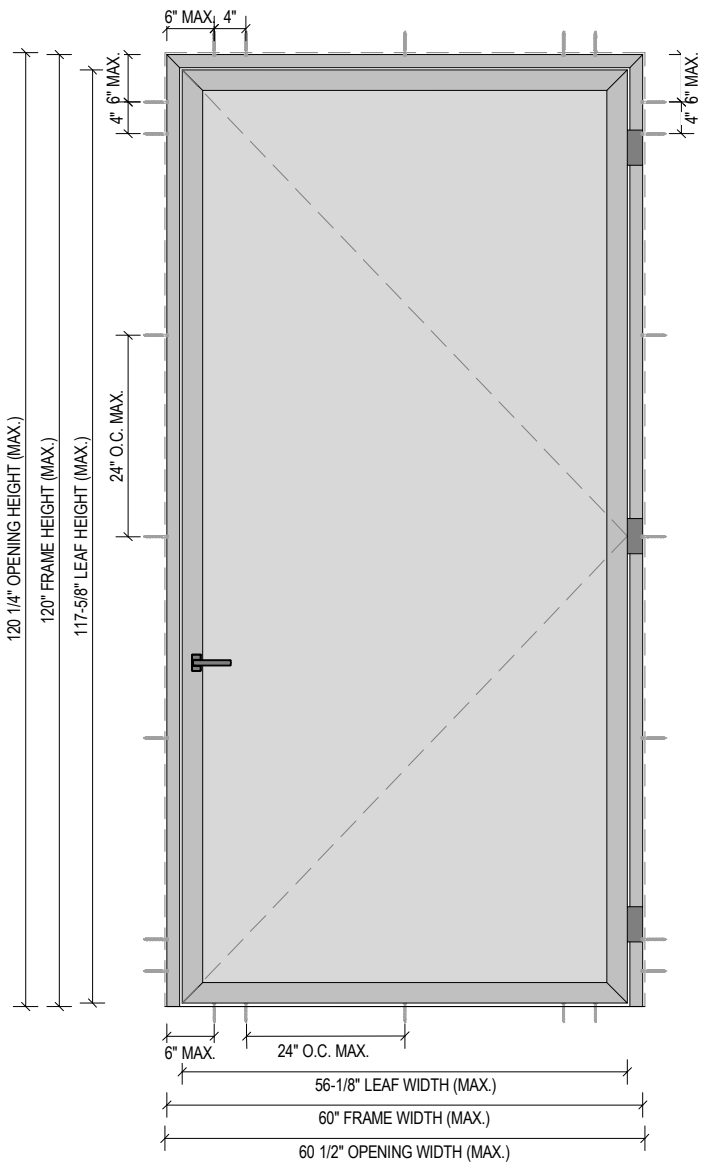
4  
107  
ANCHORAGE INTO METAL STRUCTURE  
NOT TO SCALE



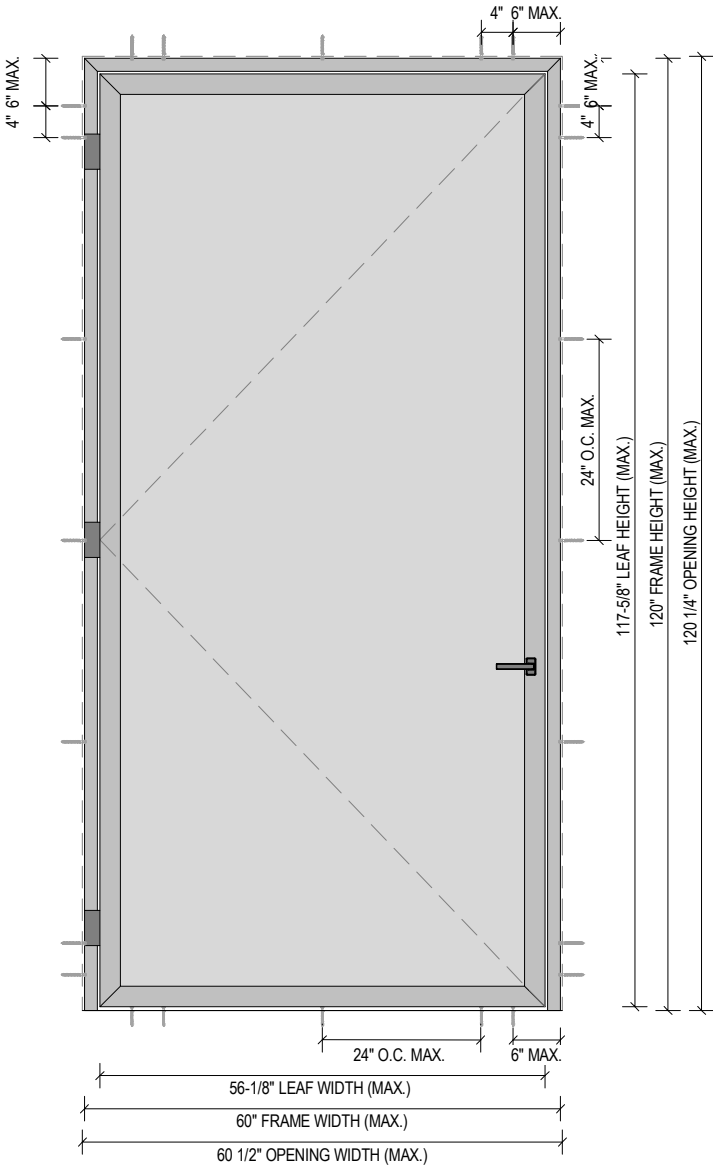
5  
107  
ANCHORAGE INTO ALUMINUM STRUCTURE  
NOT TO SCALE



6  
107  
ANCHORAGE INTO WOOD STRUCTURE  
NOT TO SCALE



1  
107  
ANCHORAGE LAYOUT OF OUTSWING DOOR  
NOT TO SCALE



2  
107  
ANCHORAGE LAYOUT OF IN-SWING DOOR  
NOT TO SCALE

TYPICAL ANCHOR TYPES:

TYPE A - 1/4" DEWALT ULTRA CON+ (F<sub>u</sub> = 177,000 PSI, F<sub>y</sub> = 155,000 PSI)

- INTO 2BY WOOD WITH 1-1/2" MIN. PENETRATION, AND 1-3/4" MIN EDGE DISTANCE AND 18" O.C. SPACING.
- DIRECTLY INTO CONCRETE OR GROUT FILLED MASONRY WITH 1-3/4" EMBEDMENT, 2-1/2" MIN EDGE DISTANCE AND 24" O.C. SPACING.
- DIRECTLY INTO HOLLOW MASONRY WITH 1-1/4" EMBEDMENT, 2-1/2" MIN EDGE DISTANCE, AND 24" O.C. SPACING.

TYPE B - 1/4"-20 SS SCREWS (GRADE 5 MIN)

- INTO 1/8" MIN. THK. ALUMINUM / STEEL WITH (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS, AND 3/4" MIN EDGE DISTANCE AND 24" O.C. SPACING.
- INTO MIN. 1/8" THK. APPROVED MULLIONS WITH (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS, AND 3/4" MIN EDGE DISTANCE AND 24" O.C. SPACING.

ANCHOR / SUBSTRATE NOTES:

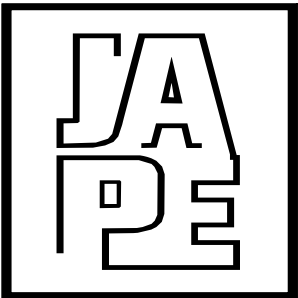
- WOOD AT HEAD OR JAMBS IS SOUTHERN YELLOW PINE #2 (SG=0.55 MIN.)
- CONCRETE AT HEAD OR JAMBS f<sub>c</sub>= 3000 PSI
- C-90 HOLLOW/GROUT FILLED MASONRY UNITS AT JAMBS f<sub>m</sub>= 2000 PSI
- STEEL (1/8" THK., A36 MIN) AT HEAD OR JAMBS
- ALUMINUM (1/8" THK., 6063-T6 MIN) AT HEAD OR JAMBS
- STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED

NOTE:

THE WOOD BUCKS, CONCRETE AND METAL STRUCTURE SHOWN ON THIS SHEET SHALL BE DESIGNED BY OTHERS AND ARE NOT PART OF THIS APPROVAL. THEY MUST BE CAPABLE OF WITHSTANDING THE LOADS IMPOSED BY THE GLAZING SYSTEM AND TRANSFERRING THEM TO THE BUILDING STRUCTURE.

PARTS LIST

FL# 47317



JAVAD AHMAD PE, inc

7875 NW 12 Street, Suite 102  
Doral, FL 33126  
Ph: (305) 424-8001  
support@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING  
ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

PROJECT :

MG-2500T : THERMALLY  
BROKEN ALUMINUM COPLANAR  
DOOR WITH CONCEALED HINGE

LARGE AND SMALL MISSILE  
IMPACT RATED

CLIENT :

MR GLASS DOORS & WINDOWS,  
LLC.

8051 NW 79TH PL MEDLEY  
MIAMI, FL 33166

REVISION

| No. | DATE | BY | DESCRIPTION |
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Date: 12-10-25

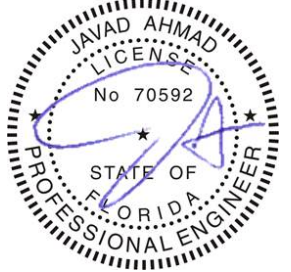
Scale: N/A

Drawn by: DK

Check by: PK

Drawing no. JA-1724-25

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

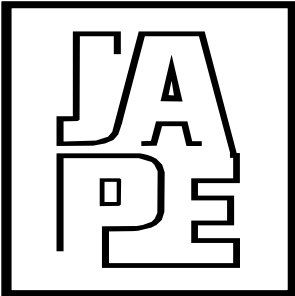


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|    |                                               |    |                                               |    |                                                            |    |                               |    |                               |    |                                       |
|----|-----------------------------------------------|----|-----------------------------------------------|----|------------------------------------------------------------|----|-------------------------------|----|-------------------------------|----|---------------------------------------|
| 1  | DOOR FRAME                                    | 2  | DOOR LEAF                                     | 3  | THRESHOLD                                                  | 4  | DRIP CAP                      | 5  | COUPLING FOR THRESHOLD SWING  | 6  | ALUMINUM CHANNEL@<br>PANEL SANDWICH   |
|    | ALLOY 6063-T6 WITH TECATHERM® 66 GF<br>E 7270 |    | ALLOY 6063-T6 WITH TECATHERM® 66 GF<br>E 7286 |    | ALLOY 6063-T6 WITH TECATHERM® 66 GF<br>E 7290              |    | ALLOY 6063-T6<br>E 10499      |    | ALLOY 6063-T6<br>E 110109     |    | ALLOY 6063-T6<br>A24TE-03             |
| 7  | ALUMINUM ANGLE @ BOTTOM INT.<br>DOOR PANEL    | 8  | DOOR CHANNEL COUPLING                         | 9  | SWING JOINT GASKET                                         | 10 | DOOR LEAF SWING JOINT GASKET  | 11 | THRESHOLD SEAL GASKET         | 12 | CHANNEL JOINT GASKET                  |
|    | ALLOY 6063-T6<br>A24TE-05                     |    | ALLOY 6063-T5<br>E 17101                      |    | EPDM<br>110107                                             |    | EPDM<br>194184                |    | EPDM<br>194202                |    | EPDM<br>194173                        |
| 13 | SEPARATOR (100 x 20 x 4 mm)                   | 14 | THRESHOLD ADAPTER                             | 15 | UNION SQUADRON @ 7270                                      | 16 | UNION SQUADRON @ 7270         | 17 | UNION SQUADRON @ 7286         | 18 | 40 x 60 mm CYLINDER WITH<br>15 mm CAM |
|    | PLASTIC<br>144048                             |    | EPDM<br>241054                                |    | ALUMINUM<br>112164                                         |    | ALUMINUM<br>112165            |    | ALUMINUM<br>112171            |    | STAINLESS STEEL<br>130053             |
| 19 | MAIN STRIKE                                   | 20 | STRIKE                                        | 21 | CISA 'MULTITOP MATIC' LOCK<br>24 mm FACE PLATE W/ 4 P LOCK | 22 | SUPPLEMENT LOCK               | 23 | CONIC RECOVERABLE HANDLE      | 24 | ICONIC CYLINDER COVER                 |
|    | 130200                                        |    | 130201                                        |    | 130206                                                     |    | 130226                        |    | 220067                        |    | 282020                                |
| 25 | CONCEALED HINGE                               | 26 | ALUMINUM SHIM                                 | 27 | ALUMINUM SHIM AT HINGE @ 7270                              | 28 | ALUMINUM SHIM AT HINGE @ 7270 | 29 | ALUMINUM SHIM AT HINGE @ 7286 | 30 | ALUMINUM SHIM AT HINGE @ 7286         |
|    | 285001                                        |    | A25T-03                                       |    | ALLOY 6063-T5<br>A25T-01L                                  |    | ALLOY 6063-T5<br>A25T-01R     |    | ALLOY 6063-T5<br>A25T-02L     |    | ALLOY 6063-T5<br>A25T-01L             |
| 31 | SCREW FOR ATTACHING DRIP CAP                  | 32 | LEAF FLASHING                                 | 33 | CHANNEL COUPLING GASKET                                    | 34 | CHANNEL COUPLING CAPS         |    |                               |    |                                       |
|    | STAINLESS STEEL<br>159047                     |    | ALLOY 6063-T5<br>E 17103                      |    | EPDM<br>110047                                             |    | EPDM<br>241055                |    |                               |    |                                       |

BILL OF MATERIAL

FL# 47317



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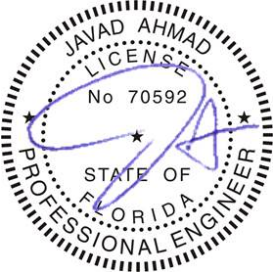
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| Date:       | 12-10-25   |
| Scale:      | N/A        |
| Drawn by:   | DK         |
| Check by:   | PK         |
| Drawing no. | JA-1724-25 |

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



SEALED: 12-10-2025

109

OF 109

| BILL OF MATERIAL |             |          |                                                          |                                                       |
|------------------|-------------|----------|----------------------------------------------------------|-------------------------------------------------------|
| ITEM #           | REQUIREMENT | PART#    | DESCRIPTION:                                             | MATERIAL                                              |
| 1                | AS REQD.    | E 7270   | DOOR FRAME                                               | ALLOY 6063-T6 THERMALLY BROKEN WITH TECATHERM® 66 GF* |
| 2                | AS REQD.    | E7286    | DOOR LEAF                                                | ALLOY 6063-T6 THERMALLY BROKEN WITH TECATHERM® 66 GF* |
| 3                | AS REQD.    | E 7290   | THRESHOLD                                                | ALLOY 6063-T6 THERMALLY BROKEN WITH TECATHERM® 66 GF* |
| 4                | AS REQD.    | E 10499  | DRIP CAP                                                 | ALLOY 6063-T6                                         |
| 5                | AS REQD.    | E110109  | COUPLING FOR THRESHOLD SWING                             | ALLOY 6063-T6                                         |
| 6                | AS REQD.    | E 17101  | ALUMINUM CHANNEL@ PANEL SANDWICH                         | ALLOY 6063-T6                                         |
| 7                | AS REQD.    | A24TE-05 | ALUMINUM ANGLE @ BOTTOM INT. DOOR PANEL                  | ALLOY 6063-T6                                         |
| 8                | AS REQD.    | A24TE-04 | DOOR CHANNEL COUPLING                                    | ALLOY 6063-T5                                         |
| 9                | AS REQD.    | 110107   | SWING JOINT GASKET                                       | EPDM                                                  |
| 10               | AS REQD.    | 194184   | DOOR LEAF SWING JOINT GASKET                             | EPDM                                                  |
| 11               | AS REQD.    | 194202   | THRESHOLD SEAL GASKET                                    | EPDM                                                  |
| 12               | AS REQD.    | 194173   | CHANNEL JOINT GASKET                                     | EPDM                                                  |
| 13               | AS REQD.    | 144048   | SEPARATOR (100 x 20 x 4 mm)                              | PLASTIC                                               |
| 14               | AS REQD.    | 241054   | THRESHOLD ADAPTER                                        | EPDM                                                  |
| 15               | AS REQD.    | 112164   | UNION SQUADRON @ 7270                                    | ALUMINUM                                              |
| 16               | AS REQD.    | 112165   | UNION SQUADRON @ 7270                                    | ALUMINUM                                              |
| 17               | AS REQD.    | 112171   | UNION SQUADRON @ 7286                                    | ALUMINUM                                              |
| 18               | AS REQD.    | 130053   | 40 x 60 mm CYLINDER WITH 15 mm CAM                       | STAINLESS STEEL                                       |
| 19               | AS REQD.    | 130200   | MAIN STRIKE                                              | -                                                     |
| 20               | AS REQD.    | 130201   | STRIKE                                                   | -                                                     |
| 21               | AS REQD.    | 130206   | CISA 'MULTITOP MATIC' LOCK 24 mm FACE PLATE W/ 4 P LOCK  | -                                                     |
| 22               | AS REQD.    | 130226   | SUPPLEMENT LOCK                                          | -                                                     |
| 23               | AS REQD.    | 220067   | CONIC RECOVERABLE HANDLE                                 | -                                                     |
| 24               | AS REQD.    | 282020   | ICONIC CYLINDER COVER                                    | -                                                     |
| 25               | AS REQD.    | 285001   | CONCEALED HINGE                                          | -                                                     |
| 26               | AS REQD.    | A25T-03  | ALUMINUM SHIM                                            | -                                                     |
| 27               | AS REQD.    | A25T-01L | ALUMINUM SHIM AT HINGE @ 7270                            | ALLOY 6063-T5                                         |
| 28               | AS REQD.    | A25T-01R | ALUMINUM SHIM AT HINGE @ 7270                            | ALLOY 6063-T5                                         |
| 29               | AS REQD.    | A25T-02L | ALUMINUM SHIM AT HINGE @ 7286                            | ALLOY 6063-T5                                         |
| 30               | AS REQD.    | A25T-01L | ALUMINUM SHIM AT HINGE @ 7286                            | ALLOY 6063-T5                                         |
| 31               | AS REQD.    | 159047   | #6-20X1/2" LG, PH OVAL HEAD, SELF TAPPING SCREW DRIP CAP | STAINLESS STEEL                                       |
| 32               | AS REQD.    | E 17103  | LEAF FLASHING                                            | ALLOY 6063-T5                                         |
| 33               | AS REQD.    | 110047   | CHANNEL COUPLING GASKET                                  | EPDM                                                  |
| 34               | AS REQD.    | 241055   | CHANNEL COUPLING CAPS                                    | EPDM                                                  |
| 35               | AS REQD.    | S1       | #6-20X 5/8" LG, PH PH SELF-DRILLING SCREW, SS 410        | STAINLESS STEEL                                       |
| 36               | AS REQD.    | S2       | #8-32X1" LG, PH PH SELF-TAPPING SCREW, SS 410            | STAINLESS STEEL                                       |
| 37               | AS REQD.    | S3       | #8-18X 1/2" LG, PH PH SELF-DRILLING SCREW                | STAINLESS STEEL                                       |
| 38               | AS REQD.    | S4       | #8-18X 3/4" LG, PH PH SELF-DRILLING SCREW                | STAINLESS STEEL                                       |
| 39               | AS REQD.    | S5       | #10-16X 3/4" LG, PH PH SELF-DRILLING SCREW               | STAINLESS STEEL                                       |
| 40               | AS REQD.    | S6       | #10-16X1" LG, PH PH SELF-DRILLING SCREW                  | STAINLESS STEEL                                       |

\* POLYAMIDE 66 REINFORCED WITH 25% GLASS FIBER (PA66-GF25)