SERIES MDCA 2155 ALUMINUM OUTSWING FRENCH DOOR W/Wo TRANSOM OR SIDELITES LARGE MISSILE IMPACT RESISTANT

GENERAL NOTES:

1. SERIES MDCA 2155 ALUMINUM OUTSWING FRENCH DOOR, SHOWN ON THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2026 (9th EDITION) OF THE FLORIDA BUILDING CODE. SERIES MDCA 2155 ALUMINUM OUTSWING FRENCH DOOR MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES.

   DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTIONS 1620 OF THE ABOVE MENTIONED CODE, USING ASCE 7-22 AND SHALL NOT EXCEED THE MAXIMUM (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 3 BELOW.

   IN ORDER TO VERIFY THE ABOVE CONDITION, ULTIMATE DESIGN WIND LOADS DETERMINED PER ASCE 7-22 SHALL BE FIRST REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE W/ MAX. (A.S.D.) DESIGN PRESSURE RATINGS INDICATED ON NOTE 3 BELOW.

   IN ORDER TO VERIFY THAT ANCHORS ON THIS P.E.D., AS TESTED, WERE NOT OVERSTRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THEIR ANALYSIS. A DURATION FACTOR CD=1.60 WAS USED TO VERIFY FASTENERS IN WOOD,PER ANSI/AWC NDS-2024.

   THIS DOOR'S ADEQUACY FOR IMPACT AND WIND RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTIONS 1626 AND 1609.1.2 OF THE ABOVE MENTIONED CODE AS PER PROTOCOLS TAS-201, TAS-202, TAS-203, PER FENESTRATION TESTING LABORATORY, INC. LAB REPORT #8131 AND AS PER SUBMITTED STRUCTURAL CALCULATIONS, PERFORMED AS PER SECTIONS 1616 AND 1604 OF THE FLORIDA BUILDING CODE. GLASS VERIFIED PER ASTM E-1300-16, PER SECTION 2404.1 OF DE FLORIDA BULDING CODE.

2. REMAINING COMPONENTS FOR THIS FRENCH DOOR SYSTEM SHALL BE AS INDICATED ON BILL OF MATERIALS AND COMPONENT SHEETS 2, 3 AND 4 OF THIS DRAWING.

3. MAXIMUM A.S.D. DESIGN PRESSURE RATINGS FOR THIS PRODUCT SHALL BE AS SHOWN ON SHEET 21. SEE DOOR ELEVATIONS ON SHEETS 5 THRU 10 FOR QUALIFIED CONFIGURATIONS.

4. THIS SERIES MDAC 2155 ALUMINUM OUTSWING FRENCH DOOR WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.

5. THIS SERIES MDAC 2155 ALUMINUM OUTSWING FRENCH DOOR IS APPROVED FOR AIR AND WATER INFILTRATION.

6. ALL ALUMINUM EXTRUSIONS SHALL BE ALUMINUM ASSOCIATION 6063-T6 ALLOY AND TEMPER, WITH Fy=25.0 ksi MINIMUM. THE THICKNESS OF ALL EXTRUSIONS SHALL BE AS SHOWN ON THIS DRAWING. ALL ALUMINUM IN CONTACT WITH DISSIMILAR MATERIALS SHALL COMPLY WITH SECTION III-6 OF THE 2020 ALUMINUM DESIGN MANUAL.

7 ALL SCREWS USED FOR ASSEMBLY CONNECTIONS (METAL TO METAL) TO BE STAINLESS STEEL 304 OR 316 AISI SERIES OR CORROSION RESISTANT COATED CARBON STEEL AS PER DIN 50018 WITH 50 ksi YIELD STRENGTH AND 90 ksi TENSILE STRENGTH & SHALL COMPLY W/ FLORIDA BUILDING CODE SECTIONS 2411.3.3.4. & 1711.

8. WOOD BUCKS, BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE BUILDING STRUCTURE. WOOD BUCKS MUST BE SOUTHERN PINE, G=0.55. AND SHALL COMPLY WITH SECTIONS 2411.3.3.3 & 2326 OF THE FLORIDA BUILDING CODE.

9. ANCHOR NOTES: EMBEDMENT AND EDGE DISTANCE ARE BEYOND ANY FINISH.*

(A) TO EXISTING POURED CONCRETE: (MIN. f'c = 2000 psi), MIN. EDGE DISTANCE (E.D.) = 3".
- 1/4"ø ULTRACON+ OR 1/4"ø ULTRACON SS4 ANCHOR W/ 1 1/4" MIN. EMBEDMENT, AS MANUFACTURED BY DEWALT, INC. (COMPONENT 22), THRU 1" P.T. WOOD BUCK.

(B) TO EXISTING A.S.T.M. C-90 CONCRETE BLOCK WALL. MIN. EDGE DISTANCE (E.D.) = 3".
- 1/4"ø ULTRACON+ OR 1/4"ø ULTRACON SS4 ANCHOR W/ 1 1/4" MIN. EMBEDMENT, AS MANUFACTURED BY DEWALT, INC. (COMPONENT 22), THRU 1" P.T. WOOD BUCK.

(C) TO EXISTING 2xP.T. WOOD BUCK. MIN. EDGE DISTANCE (E.D.) = 1".
- 1/4"ø ULTRACON+ OR 1/4"ø ULTRACON SS4 ANCHOR W/ 1 1/2" MIN. EMBEDMENT, AS MANUFACTURED BY DEWALT, INC. (COMPONENT 22).

(D) TO EXISTING MIN. 1/8" THICK ALUMINUM TUBE (6063-T5 ALLOY) MIN. EDGE DISTANCE (E.D.) = 1/2".
- 1/4"ø-14 TEK SCREW W/ SILVER CLIMASEAL OR 410 SS, AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 22A), FULLY ENGAGED.

(E) TO EXISTING MIN. 12 GAGE STEEL MEMBER (MIN A-653 GRADE 33 OR A-36) MIN. EDGE DISTANCE (E.D.) = 1/2".
- 1/4"ø-14 TEK SCREW W/ SILVER CLIMASEAL OR 410 SS, AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT 22A), FULLY ENGAGED.

***ONLY STAINLESS STEEL ANCHORS ARE ALLOWED AT INSTALLATIONS WITHIN 300ft FROM COASTAL SHORELINE.**

10. PROVIDE 1/4" MAX. LOAD BEARING SHIM, WHEN ALLOWED BY THIS DRAWING.

11. DOORS INSTALLATION SHALL COMPLY WITH SPECS INDICATED IN THIS DRAWING PLUS ANY BUILDING AND ZONING REGULATIONS PROVIDED BY THE JURISDICTION WHERE PERMIT IS APPLIED TO.

12. ALL DOORS COMPONENT EDGES WHICH REMAIN IN CONTINUOUS CONTACT WITH THE BUILDING SHALL BE SEAL/CAULK TO PREVENT WIND/RAIN INTRUSION. CAULK AND SEAL ALL AROUND FULL LENGTH.

13. PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION AT PRODUCT IN ACCORDANCE WITH SECTION 1709.5 OF THE FLORIDA BUILDING CODE. ONE LABEL SHALL BE PLACED FOR EVERY OPENING.

14. (a) THIS 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.

    (a) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.E.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

    (b) THIS P.E.D. WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

    (c) ORIGINAL P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

THIS DRAWING SHALL ONLY BE USED TO OBTAIN PERMITS IN THE STATE OF FLORIDA

WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

12/2/2026

P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH AND NON HIGH VELOCITY HURRICANE ZONE)

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WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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DRAWN BY W.H.

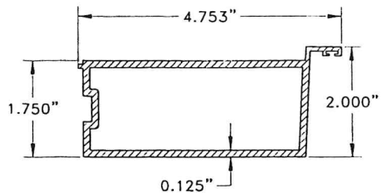
MIAMI DADE ALUMINUM CORP.
1615 WEST 31ST PLACE
HIALEAH, FL 33012
ph: 305-823-0099

06/15/2026 DATE

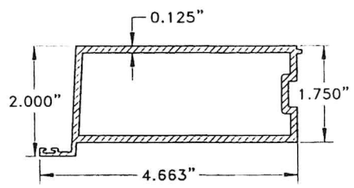
26-087 DRAWING No

SHEET 1 OF 24

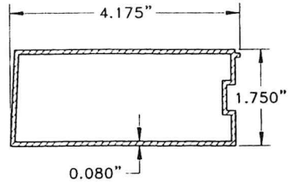
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2			4		



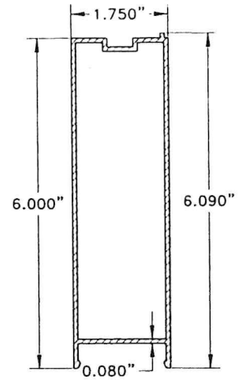
1 INACTIVE LOCK STILE
6063-T6 ALLOY



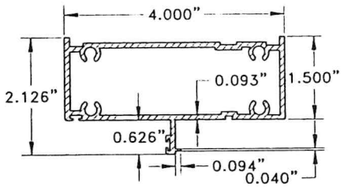
2 ACTIVE LOCK STILE
6063-T6 ALLOY



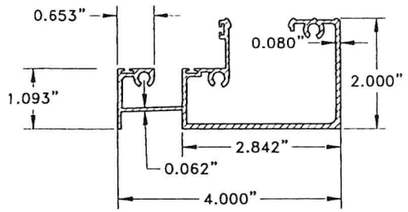
3 HINGE & LOCK STILE
6063-T6 ALLOY



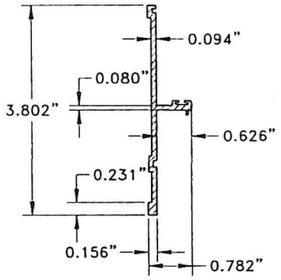
4 TOP & BOTTOM RAIL
6063-T6 ALLOY



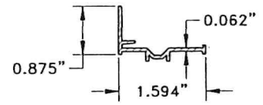
FRAME HEAD & JAMB @ SIDELITE & HEAD @ DOOR
5 6063-T6 ALLOY



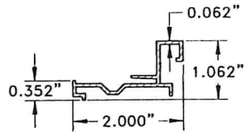
SILL & HEAD FRAME @ DOOR & SIDELITE
6 6063-T6 ALLOY



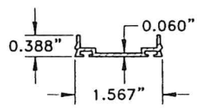
7 SIDELITE JAMB & TRANSOM INSERT
6063-T6 ALLOY



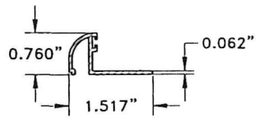
GLAZING ADAPTER FOR LAMINATED & LAMINATED-INSULATED GLASS
8 6063-T6 ALLOY



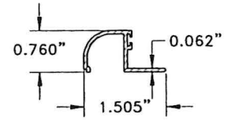
GLAZING ADAPTER SIDELITE & TRANSOM FOR LAMINATED & LAMINATED-INSULATED GLASS
9 6063-T6 ALLOY



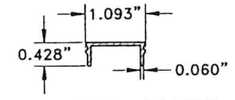
10 WEATHER STRIP ADAPTER
6063-T6 ALLOY



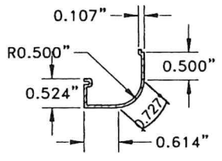
GLAZING BEAD LAMINATED-INSULATED -13/16"
11 6063-T6 ALLOY



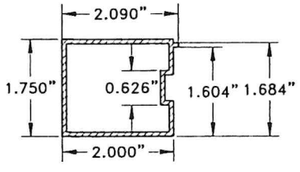
GLAZING BEAD FOR LAMINATED GLASS- 7/16"
12 6063-T6 ALLOY



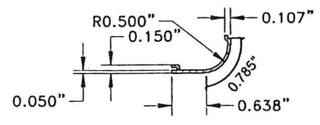
13 HEAD & SILL COVER PLATE
6063-T6 ALLOY



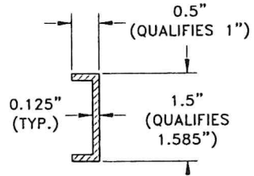
14 SCREW COVER FOR TRANSOM
6063-T6 ALLOY



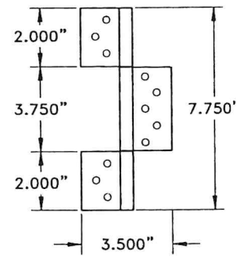
15 STILE FOR SIDELITE PANEL
6063-T6 ALLOY



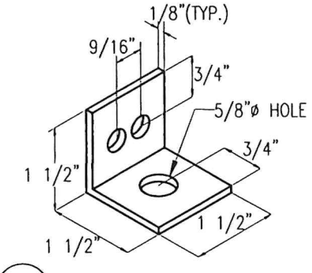
SCREW COVER FOR DOOR JAMB, DOOR HEAD & SIDELITE JAMB
16 6063-T6 ALLOY



21 RETAINER CLIP
(U-CHANNEL)
6063-T6 ALLOY
5" LONG



23 EXTRUDED HINGES
6063-T6 ALLOY



27A SHOOT BOLT GUIDE
6063-T6 ALUMINUM ANGLE

COMPONENTS

SCALE: 3/8"=1"

WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH AND NON HIGH VELOCITY HURRICANE ZONE)

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SERIES MDAC 2155 ALUMINUM OUTSWING FRENCH DOOR W/Wo TRANSOM OR SIDELITES

DRAWN BY W.H.

MIAMI DADE ALUMINUM CORP.
1615 WEST 31ST PLACE
HIALEAH, FL 33012
ph: 305-823-0099

06/15/2026 DATE

26-087 DRAWING No

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-255	06/15/26	3		
2			4		

BILL OF MATERIALS

COMPONENT #	DESCRIPTION	DIMENSIONS/REMARKS	MATERIAL
1	INACTIVE LOCK STILE	SEE SHEET 2	6063-T6
2	ACTIVE LOCK STILE	SEE SHEET 2	6063-T6
3	HINGE & LOCK STILE (SINGLE DOOR) & HINGE STILE (DOUBLE DOOR)	SEE SHEET 2	6063-T6
4	TOP & BOTTOM RAIL	SEE SHEET 2	6063-T6
5	FRAME HEAD & JAMB @ SIDELITE & HEAD @ DOOR	SEE SHEET 2	6063-T6
6	SILL & HEAD FRAME @ DOOR & SIDELITE	SEE SHEET 2	6063-T6
7	SIDELITE JAMB & TRANSOM INSERT	SEE SHEET 2	6063-T6
8	GLAZING ADAPTER DOOR FOR LAMINATED & LAMINATED-INSULATED GLASS	SEE SHEET 2	6063-T6
9	GLAZING ADAPTER SIDELITE & TRANSOM FOR LAMINATED & LAMINATED-INSULATED GLASS	SEE SHEET 2	6063-T6
10	WHEATHER STRIP ADAPTER	SEE SHEET 2	6063-T6
11	GLAZING BEAD FOR LAMINATED-INSULATED GLASS-13/16"	SEE SHEET 2	6063-T6
12	GLAZING BEAD FOR LAMINATED GLASS-7/16"	SEE SHEET 2	6063-T6
13	HEAD AND SILL COVER PLATE	SEE SHEET 2	6063-T6
14	SCREW COVER FOR TRANSOM	SEE SHEET 2	6063-T6
15	STILE FOR SIDELITE PANEL	SEE SHEET 2	6063-T6
16	SCREW COVER FOR DOOR JAMB, DOOR HEAD & SIDELITE JAMB	SEE SHEET 2	6063-T6
17	#14 x 1 1/2" S.S. TEK SCREW 5" FROM JAMBS, BALANCE @ 12" O.C.	SIDELITE JAMB INSERT-TRANSOM INSERT & RETAINER CLIP SCREW	STEEL
18	#12 x 1" PAN HEAD S.S. TEK SCREW 6" FROM ENDS, BALANCE @ 7" O.C.	SIDELITE JAMB STILE (PANEL CONNECTION)	STEEL
19	#14 x 2 1/2" H.H SCREW, 5" FROM JAMBS, BALANCE @ 12" O.C.	DOOR-SIDELITE-TRANSOM (FRAME ASSEMBLY) -180 Ksi TENSILE STRENGTH	STEEL
20	#10 x 1" F.H. S.S. TEK SCREW @ 8" O.C.	GLAZING ADAPTER & FRAME HEAD/JAMB ASSEMBLY & HINGE/LOCK STILE	STEEL
21	RETAINER CLIP	AT DOOR PANEL, W/ (2) #14x3/4 TEK SCREWS TO STILES, J0INS RAILS W/ STILES +(35)	6063-T6
22	ULTRACON+ OR ULTRACON SS4 (DEWALT) CONCRETE ANCHOR	1/4" Ø - SEE GENERAL NOTE 9 ON SHEET 1	STEEL
22A	TEK SCREW (ITW/BUILDEX) W/ SILVER CLIMASEAL OR 410 SS.	1/4" Ø - SEE GENERAL NOTE 9 ON SHEET 1	STEEL
23	EXTRUDED HINGES	3 1/2" X 7 3/4" POWDER COATED W/ (6) #10-20x7/16" F.H. S.S. MS TO FRAME & W/ (5) #10-24x7/16" F.H. S.S. MS TO DOOR PANEL	6063-T6
24	GLAZING BULB	0.250"x0.345" (ULTRAFAB)	VINYL
25	FIN SEAL PILE W/ PLASTIC	ULTRAFAB	
26	SEAL WEATHER STRIPPING	PRO-LON	FOAM
27	SHOOT BOLT	TOP & BOTTOM 3/8Ø x2" (2) REQ'D @ ACTIVE +(2) REQ'D @ INACTIVE. PENETRATE 2" MIN. INTO HD/SILL	STEEL
27A	SHOOT BOLT GUIDE	TOP & BOTTOM SEE DETAIL SHEET 24. 1 1/2" x 1 1/2" x 1/8" x 0'-1 1/2", 6063-T6 ALUMINUM ANGLE	ALUMINUM
28	1/4" DRIVE ROD TOP & BOTTOM		ALUMINUM
29	3 POINT LOCK ACTIVE HANDLE W/ MECHANISM & RODS W/ CYLINDER, LATCH & DEAD BOLT STRIKE, LEVER COMPRESSION LOCK MANUFACTURED BY ASSA ABLOY		
29A	2 POINT LOCK ACTIVE HANDLE W/ MECHANISM & RODS W/ INSTALLATION AT (2) #8-32 x 7/16" SCREWS PER PANEL & TWIN BOLT LOCK W/ (1) #8-32 x 7/16" SCREW PER PANEL MANUFACTURED BY ASSA ABLOY		
30	STRUCTURAL SILICONE DOW CORNING 995	ALL AROUND GLASS	SILICONE
31	NON STRUCTURAL SILICONE DOW CORNING CONTRACTORS CONCRETE SEALANT (CCS)	AS SHOWN	SILICONE
32	BUMPER SPHEAR		SILICONE
33	FLUSH BOLT	HARDWARE ASSA ABLOY, 7 mm ROD W/ (2) # 8 x 1/2" SMS TO STILE	PLATED STEEL
33A	TWO POINT LOCK SYSTEM WITH ACTIVATING LEVER TYPE HANDLE, KEY OPERATOR ON THE EXTERIOR, THUMB TURN ON THE INTERIOR WITH NO VISIBLE PRODUCT MARKINGS	38" FROM BOTTOM, ONLY USED AT ACTIVE DOOR IN DOUBLE DOORS OR AT SINGLE DOORS	PLATED STEEL
34	SETTING BLOCK		E.P.D.M.
35	CONTINUOS THREADED ROD	3/8"Ø, W/ (4) S.S. SECURITY NUTS W/ NYLON INSERT EACH DOOR PANEL (2 PER DOOR)	STEEL
38	WEEP HOLES	1/16" HIGH x 1 15/16" LONG @ THRESHOLD (2 PER DOOR)	

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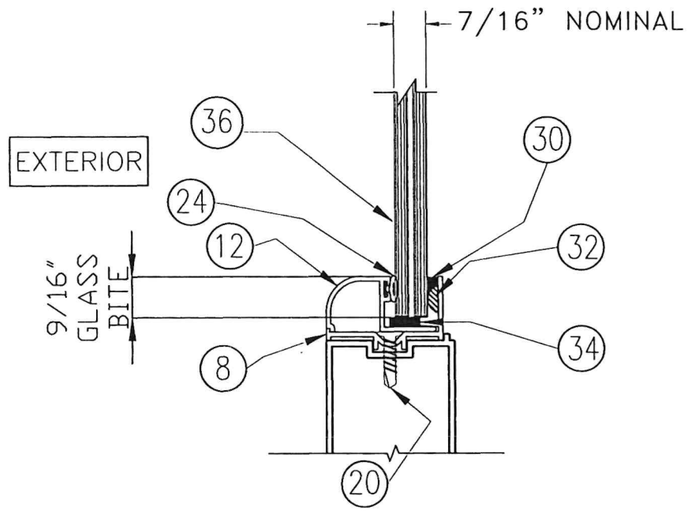
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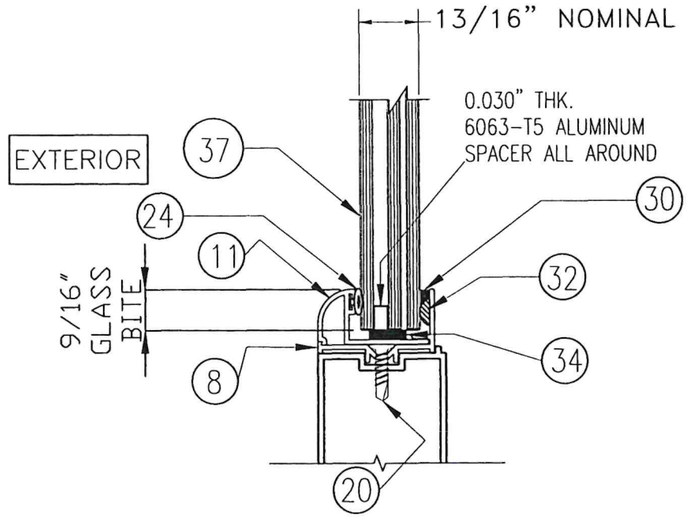
26-087 DRAWING No

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2			4		

BILL OF MATERIALS (CONT'D)		
COMPONENT #	DESCRIPTION	MATERIAL
(36)	7/16" NOMINAL LAMINATED GLASS W/ 3/16" H.S. GLASS +0.090" PVB INTERLAYER BY KURARAY AMERICA, INC. + 3/16" H.S. GLASS.	GLASS
(37)	13/16" INSULATED-LAMINATED GLASS W/ 3/16" TEMPERED GLASS OUT BOARD -1/4 ARGON SPACER + 3/16 H.S. + 0.090" PVB INTERLAYER BY KURARAY AMERICA, INC. + 3/16" H.S. INBOARD	GLASS



GLAZING DETAIL 1
AT (36)
SCALE: 1/2"=1"



GLAZING DETAIL 2
AT (37)
SCALE: 1/2"=1"

HARDWARE SCHEDULE						
OPTION #1	REQ'D HARDWARE AT DOUBLE DOORS				REQ'D HARDWARE AT SINGLE DOORS	
	AT ACTIVE DOOR		AT INACTIVE DOOR			
1	TOP / BOTTOM :	(33)	TOP / BOTTOM :	(33)	TOP / BOTTOM :	(33)
	AT 38" FROM BOTTOM :	(33A)	AT 38" FROM BOTTOM :	N/A	AT 38" FROM BOTTOM :	(33A)
2	TOP / BOTTOM :	(29)	TOP / BOTTOM :	(29A)	TOP / BOTTOM :	(29)
	AT 38" FROM BOTTOM :	(29)	AT 38" FROM BOTTOM :	N/A	AT 38" FROM BOTTOM :	(29)

WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

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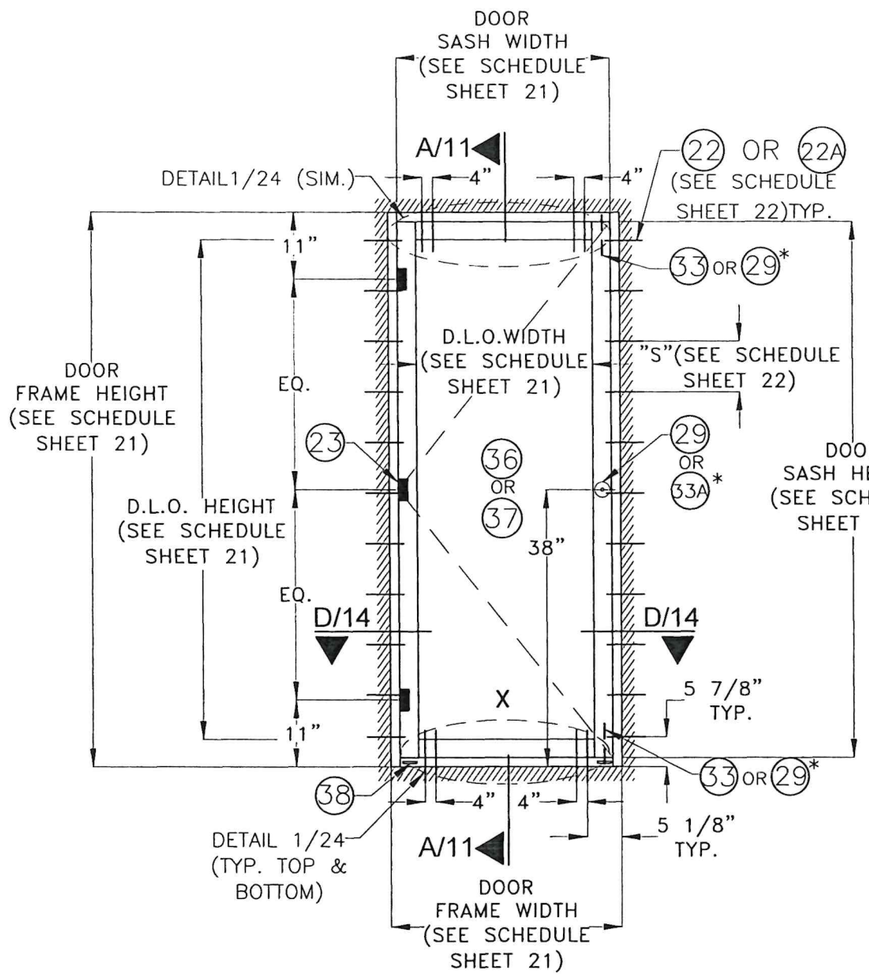
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Phone : (305)871-1530 . Fax : (305)871-1531
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CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

SERIES MDAC 2155 ALUMINUM OUTSWING FRENCH DOOR W/Wo TRANSOM OR SIDELITES

MIAMI DADE ALUMINUM CORP.
1615 WEST 31ST PLACE
HIALEAH, FL 33012
ph: 305-823-0099

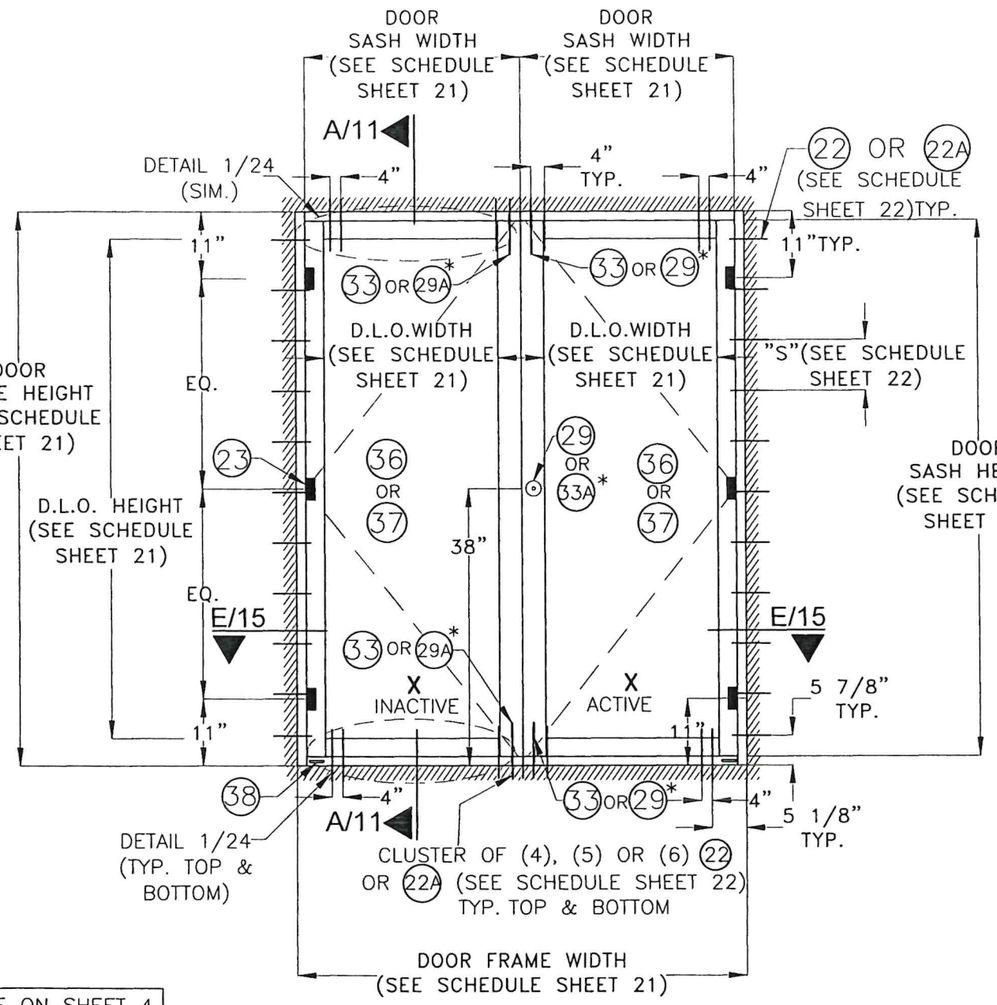
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2			4		

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06/15/2026 DATE
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TYPICAL EXTERIOR ELEVATION
SINGLE DOOR

* SEE SCHEDULE ON SHEET 4



TYPICAL EXTERIOR ELEVATION
DOUBLE DOOR

TYPICAL EXTERIOR ELEVATIONS FOR SINGLE & DOUBLE DOOR W/O TRANSOM NOR SIDELITES

3/8"=1'-0"

WALTER A. TILLIT JR
LICENSE
No. 44167
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

6/22/2026

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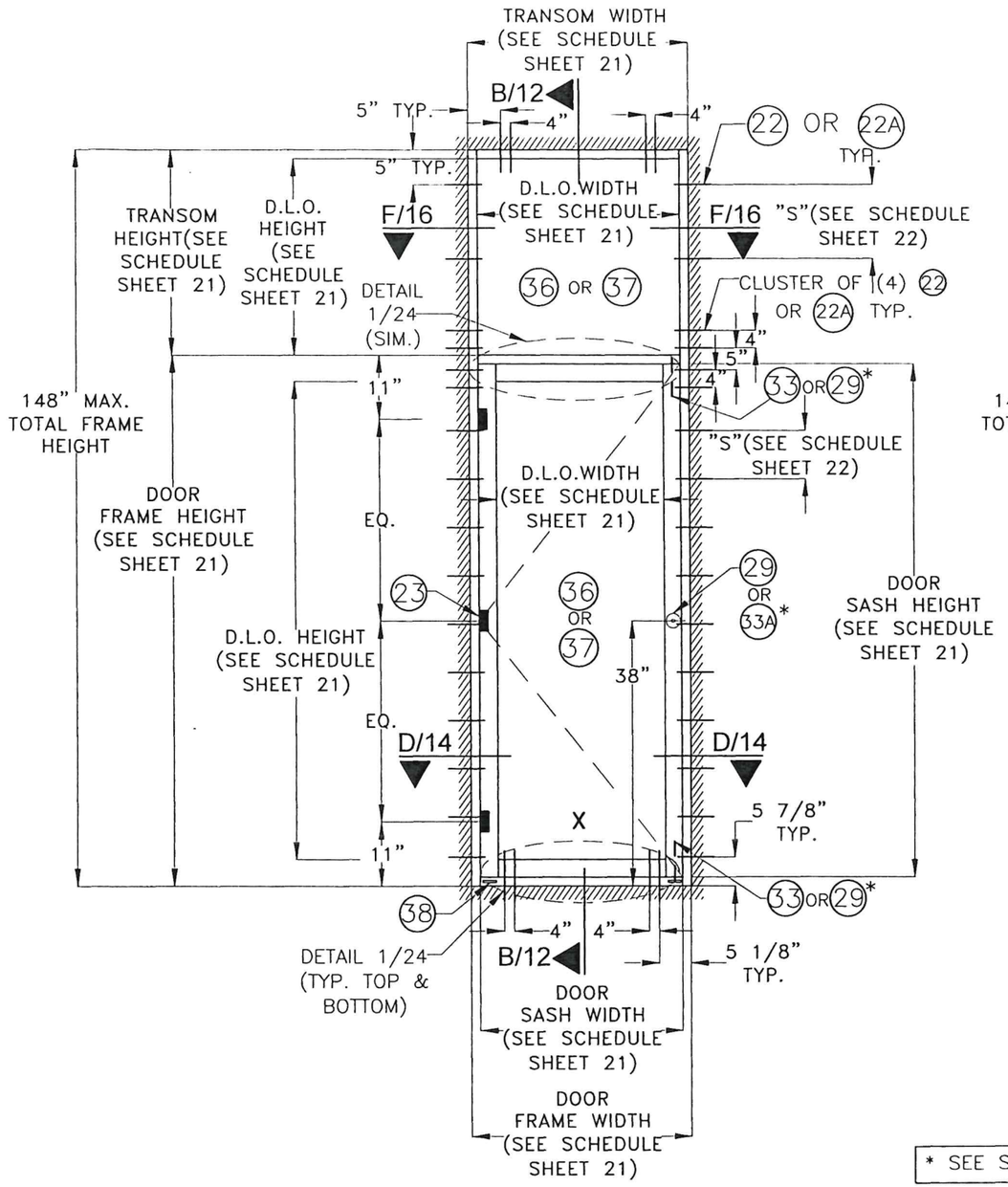
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1615 WEST 31ST PLACE
HIALEAH, FL 33012
ph: 305-823-0099

06/15/2026 DATE

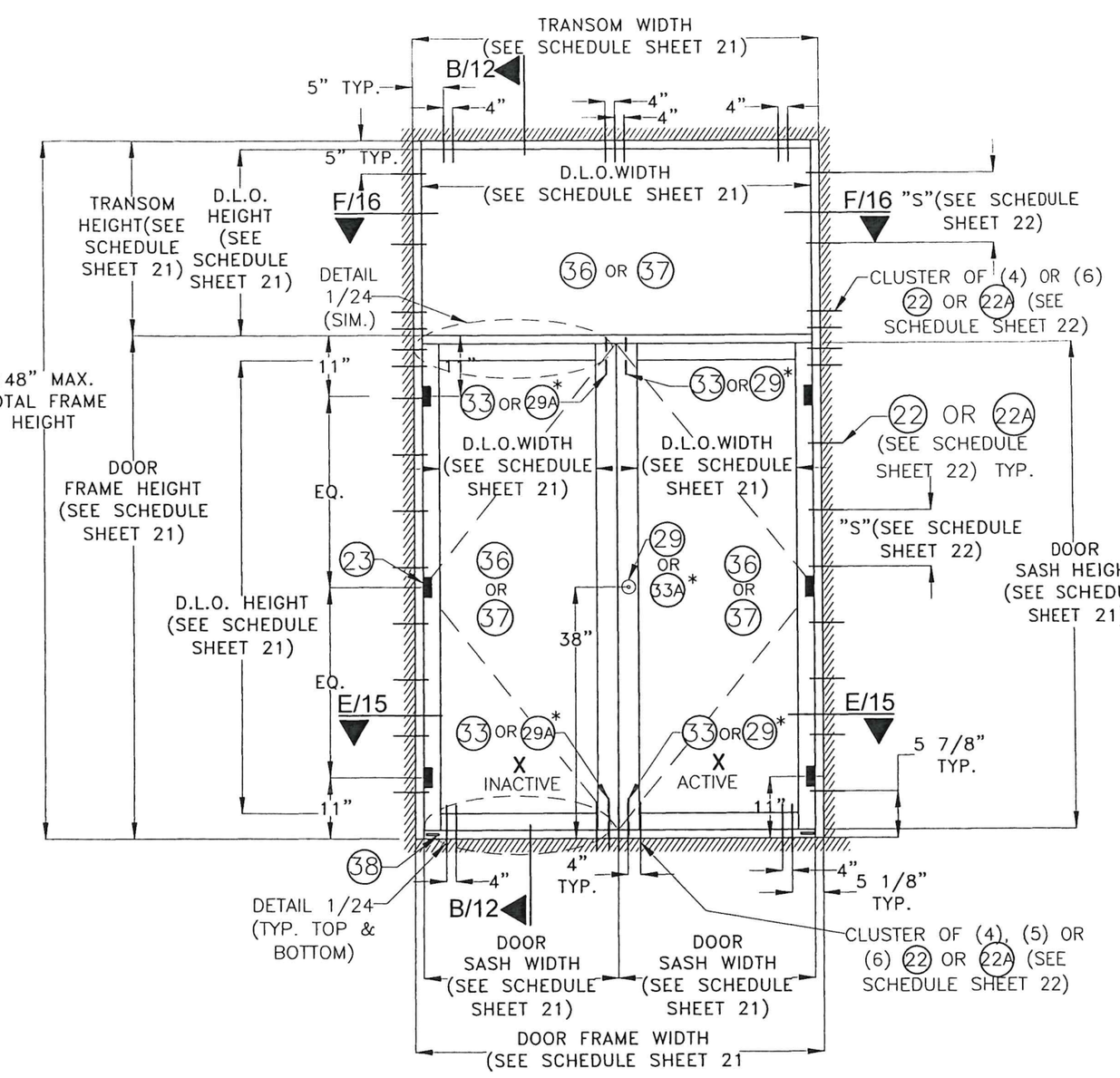
26-087 DRAWING No

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2			4		

SHEET 5 OF 24



TYPICAL EXTERIOR ELEVATION
SINGLE DOOR W/ TRANSOM

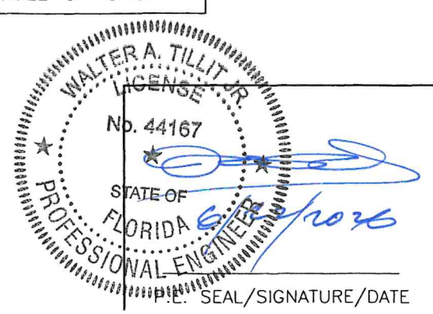


TYPICAL EXTERIOR ELEVATION
DOUBLE DOOR W/ TRANSOM

* SEE SCHEDULE ON SHEET 4

TYPICAL EXTERIOR ELEVATIONS FOR SINGLE & DOUBLE DOOR W/ TRANSOM

3/8"=1'-0"



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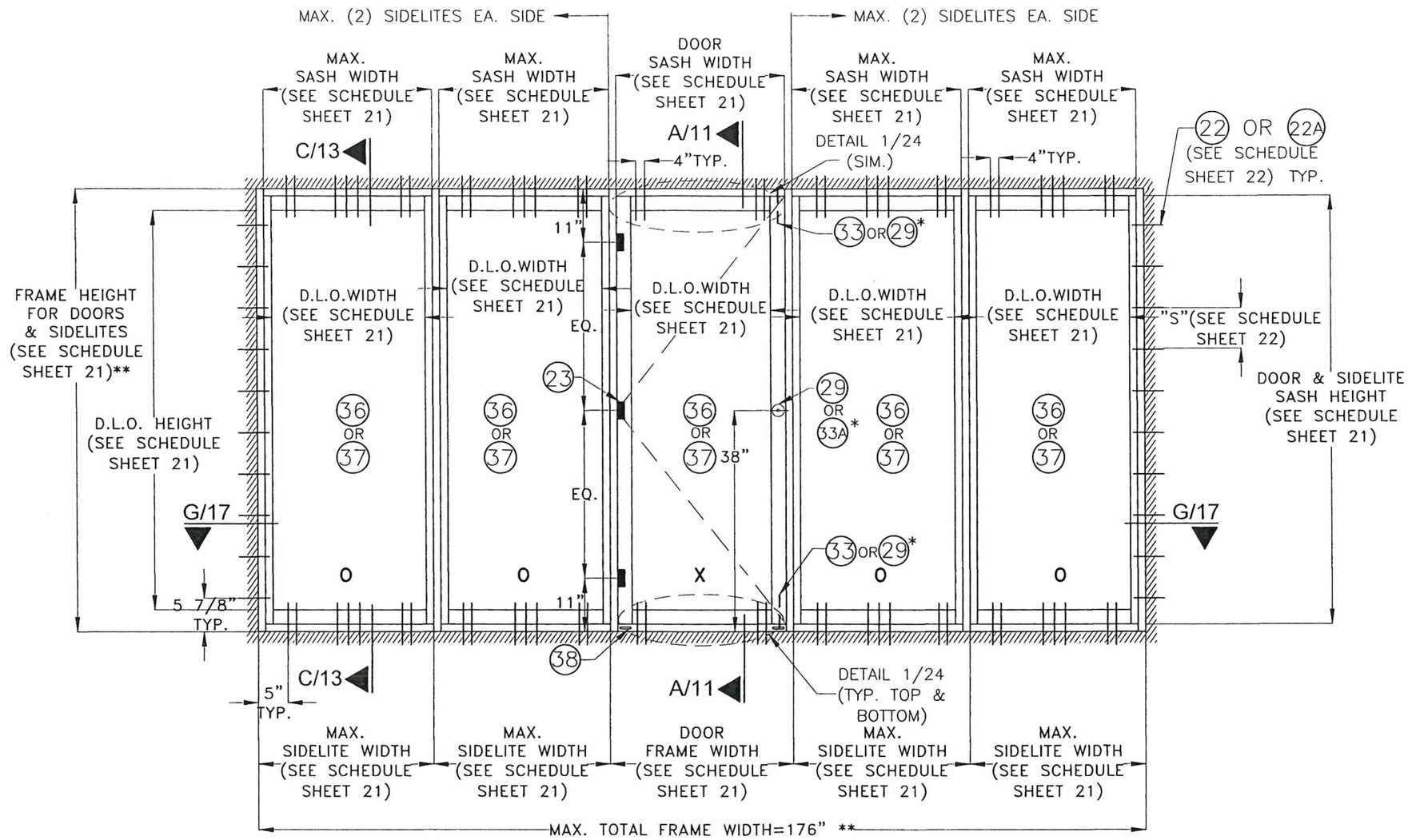
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2			4		



TYPICAL EXTERIOR ELEVATION OF SINGLE DOOR W/ SIDELITES

3/8"=1'-0"

* SEE SCHEDULE ON SHEET 4
** MAX. TOTAL FRAME AREA SHALL NOT EXCEED 122.2 FT²

WALTER A. TILLIT JR LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

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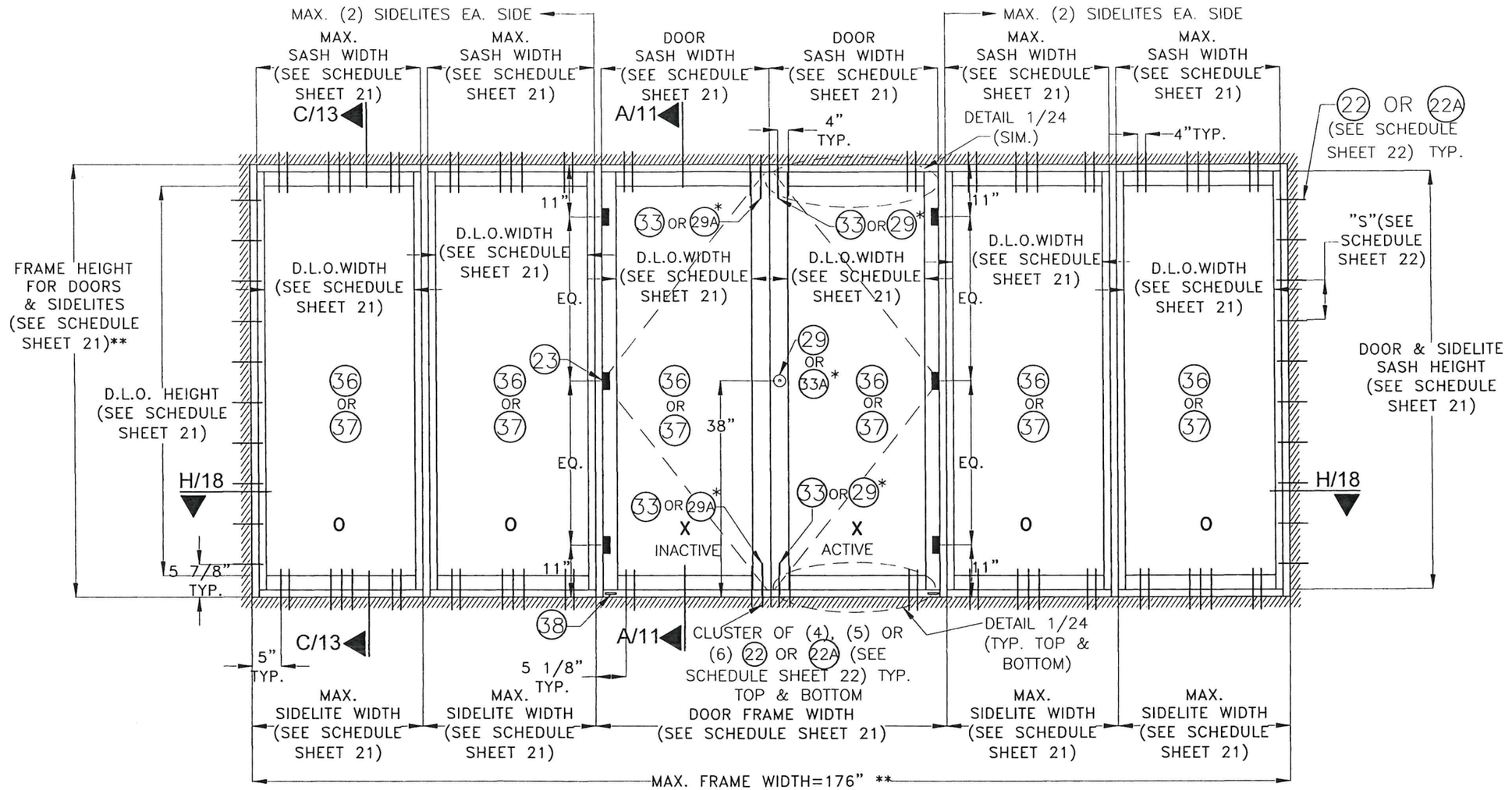
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SERIES MDAC 2155 ALUMINUM OUTSWING FRENCH DOOR W/Wo TRANSOM OR SIDELITES

MIAMI DADE ALUMINUM CORP.
1615 WEST 31ST PLACE
HIALEAH, FL 33012
ph: 305-823-0099

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-255	06/15/26	3		
2			4		

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06/15/2026 DATE
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SHEET 7 OF 24



TYPICAL EXTERIOR ELEVATION OF DOUBLE DOOR W/ SIDELITES

3/8"=1'-0"

* SEE SCHEDULE ON SHEET 4

** MAX. TOTAL FRAME AREA SHALL NOT EXCEED 122.2 FT²

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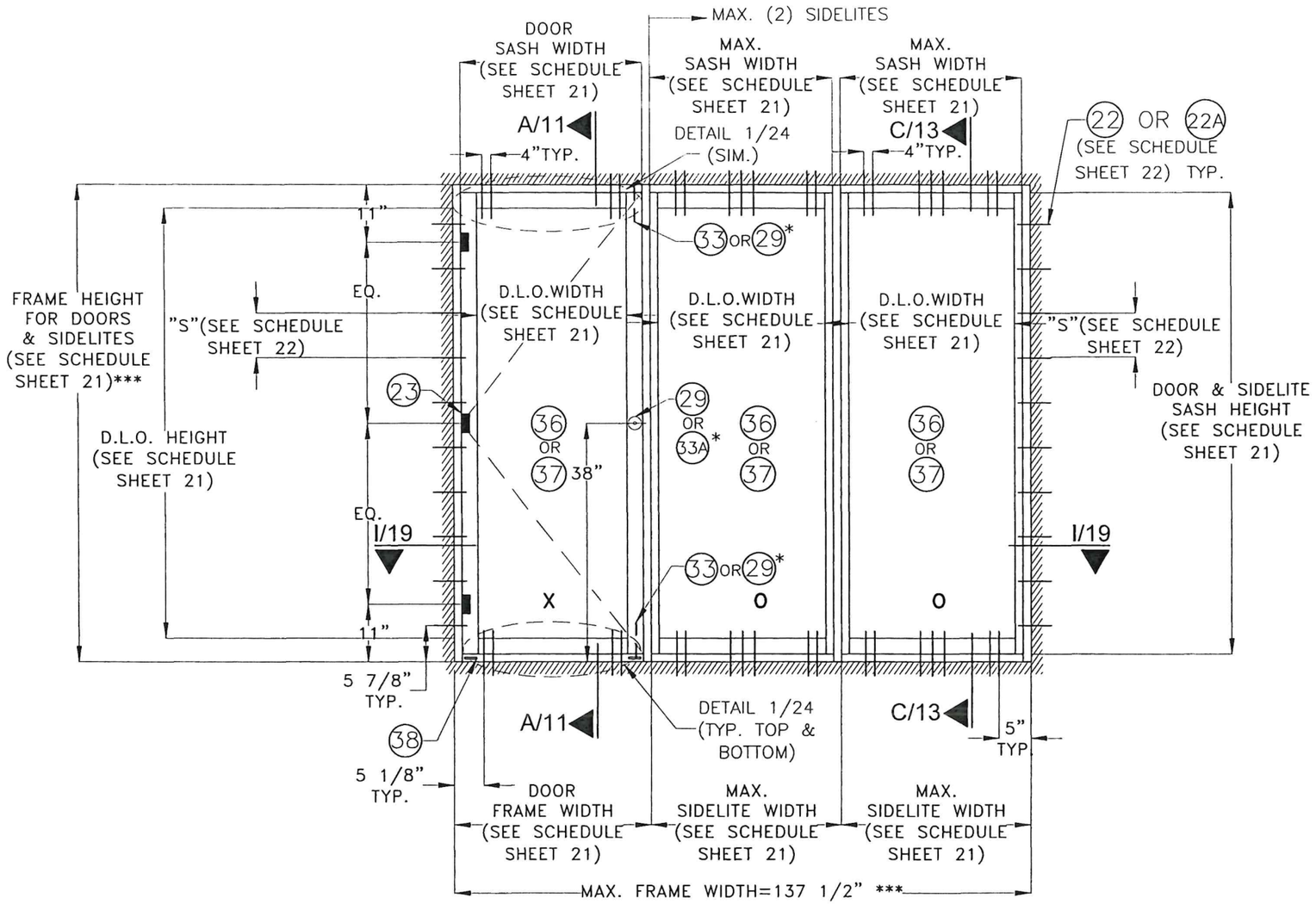
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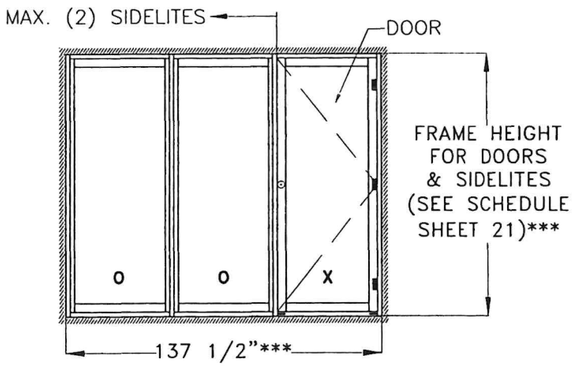
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TYPICAL EXTERIOR ELEVATION OF SINGLE DOOR W/ SIDELITES **

3/8"=1'-0"



** QUALIFIES MIRROR CONFIGURATION TOO.

* SEE SCHEDULE ON SHEET 4
*** MAX. TOTAL FRAME AREA SHALL NOT EXCEED 95.5 FT²

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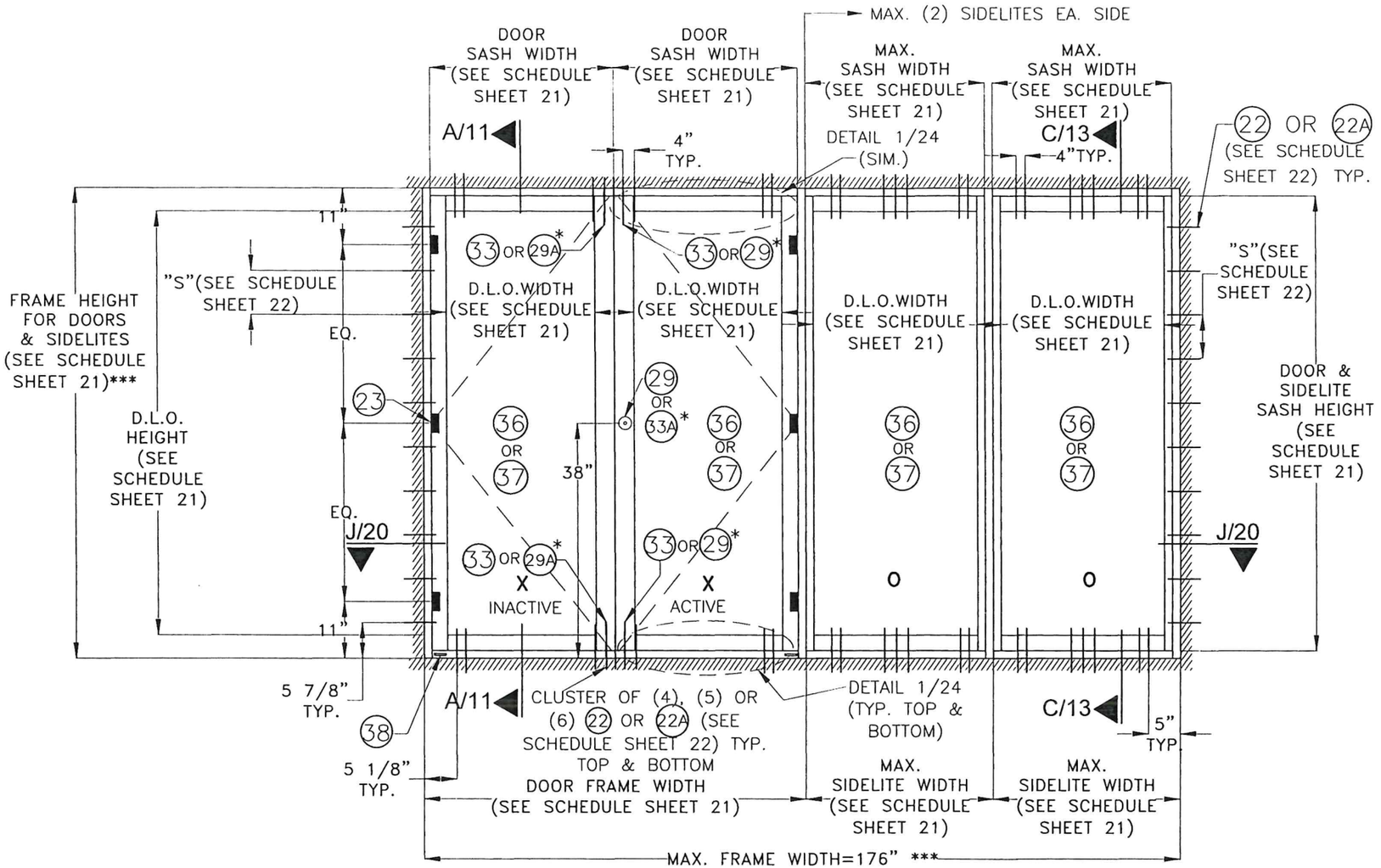
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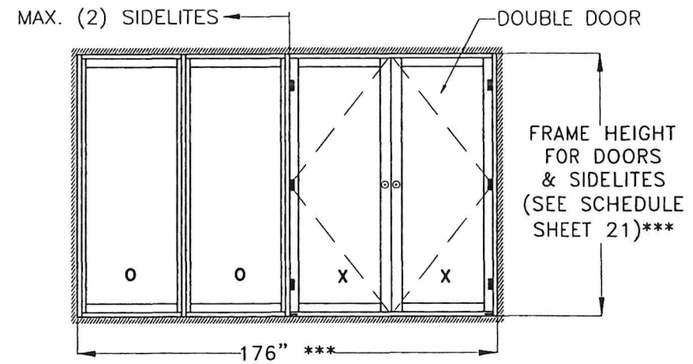
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2			4		



TYPICAL EXTERIOR ELEVATION OF DOUBLE DOOR W/ SIDELITES **

3/8"=1'-0"



** QUALIFIES MIRROR CONFIGURATION TOO.

* SEE SCHEDULE ON SHEET 4
*** MAX. TOTAL FRAME AREA SHALL NOT EXCEED 122.2 FT²

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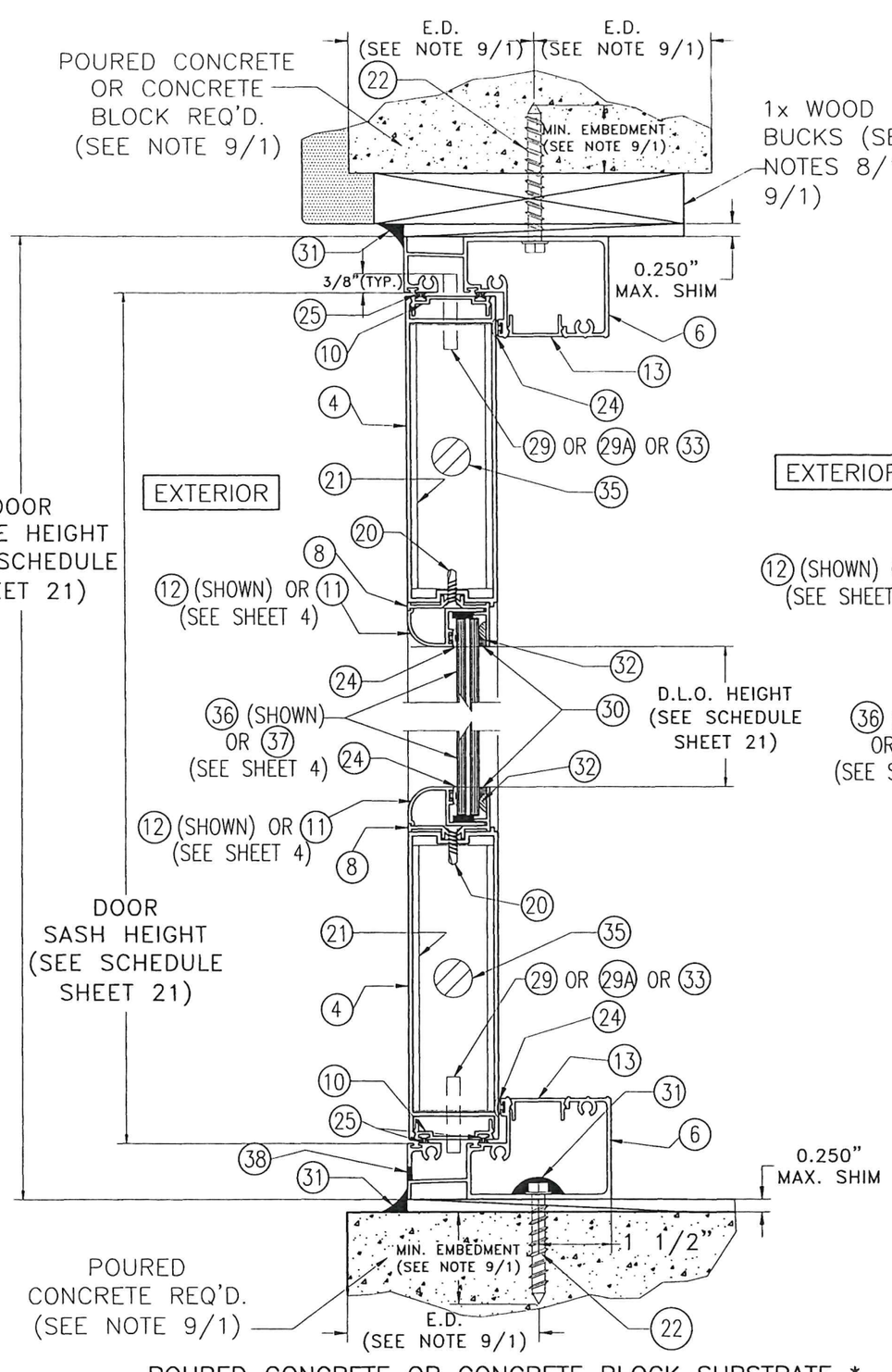
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ph: 305-823-0099

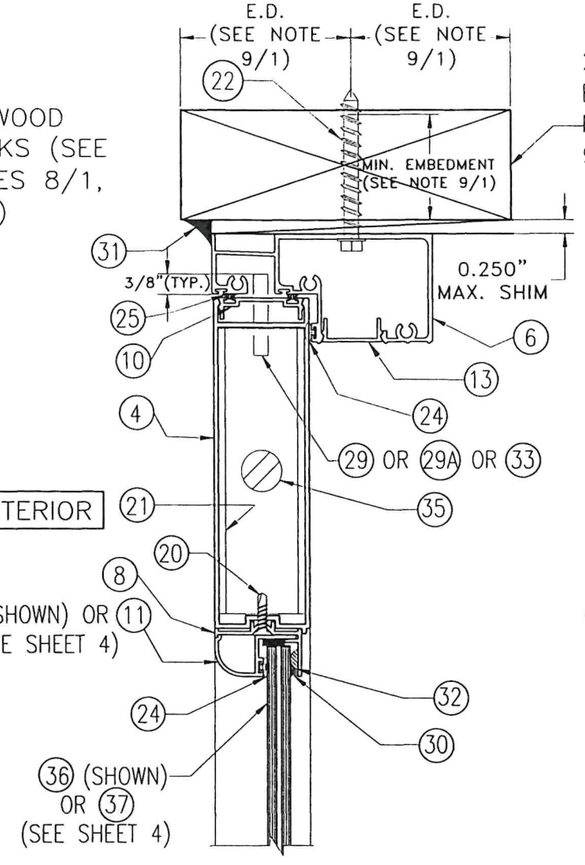
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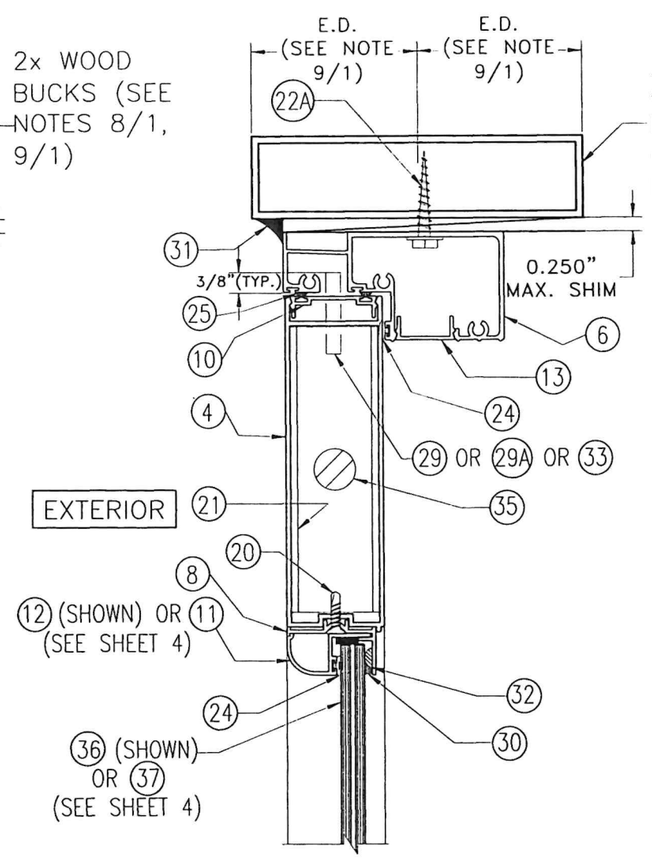
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-255	06/15/26	3		
2			4		



POURED CONCRETE OR CONCRETE BLOCK SUBSTRATE *



WOOD SUBSTRATE *



ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *

SECTION A-A @ DOOR

SCALE: 3/8"=1"

* TOP & BOTTOM MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x, NO WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT TOP OR BOTTOM. IN CASE THAT ALUMINUM OR STEEL MULLION WAS USED AT SILL, BUILDING OFFICIAL MUST VERIFY ITS STRUCTURAL ADEQUACY.

WALTER A. TILLIT JR LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

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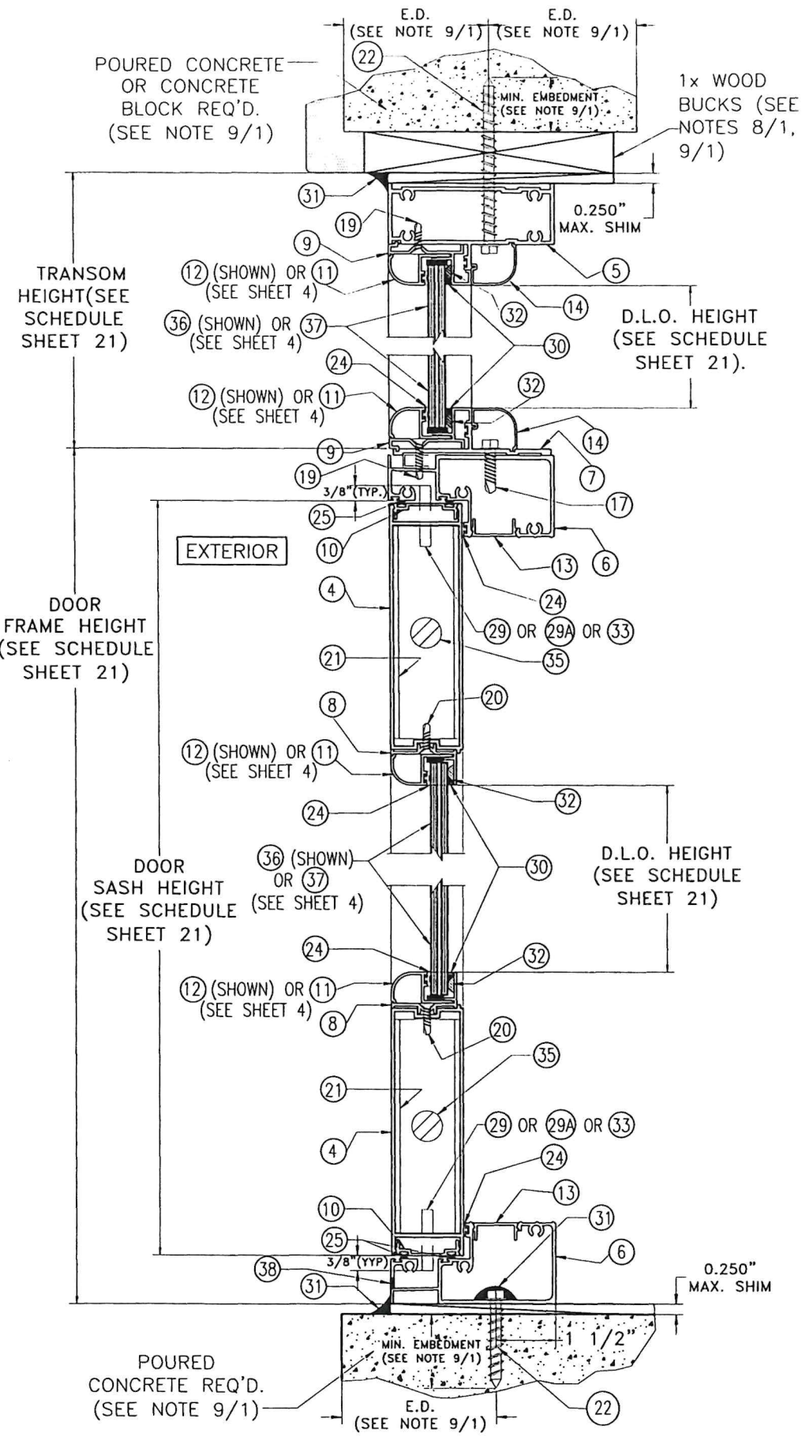
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HIALEAH, FL 33012
ph: 305-823-0099

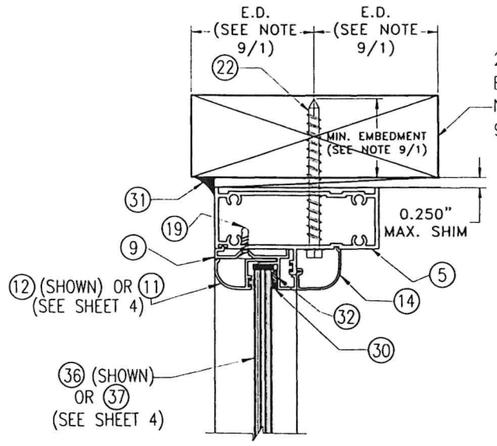
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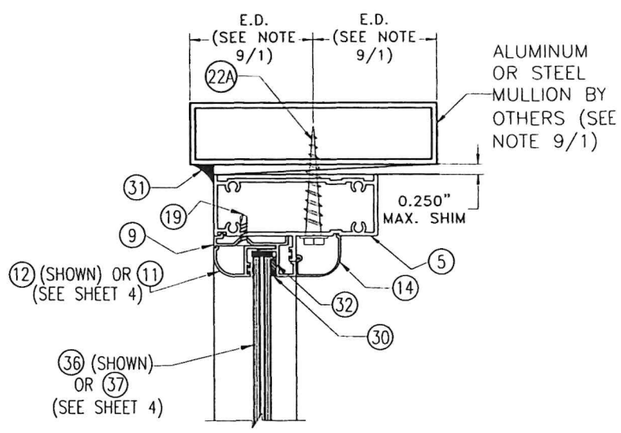
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1	OLD 23-255	06/15/26	3		



POURED CONCRETE OR CONCRETE BLOCK SUBSTRATE *



WOOD SUBSTRATE *



ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *

* TOP & BOTTOM MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x, NO WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT TOP OR BOTTOM. IN CASE THAT ALUMINUM OR STEEL MULLION WAS USED AT SILL, BUILDING OFFICIAL MUST VERIFY ITS STRUCTURAL ADEQUACY.

SECTION B–B @ DOOR W/ TRANSOM

SCALE: 1/4"=1"

WALTER A. TILLIT JR LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

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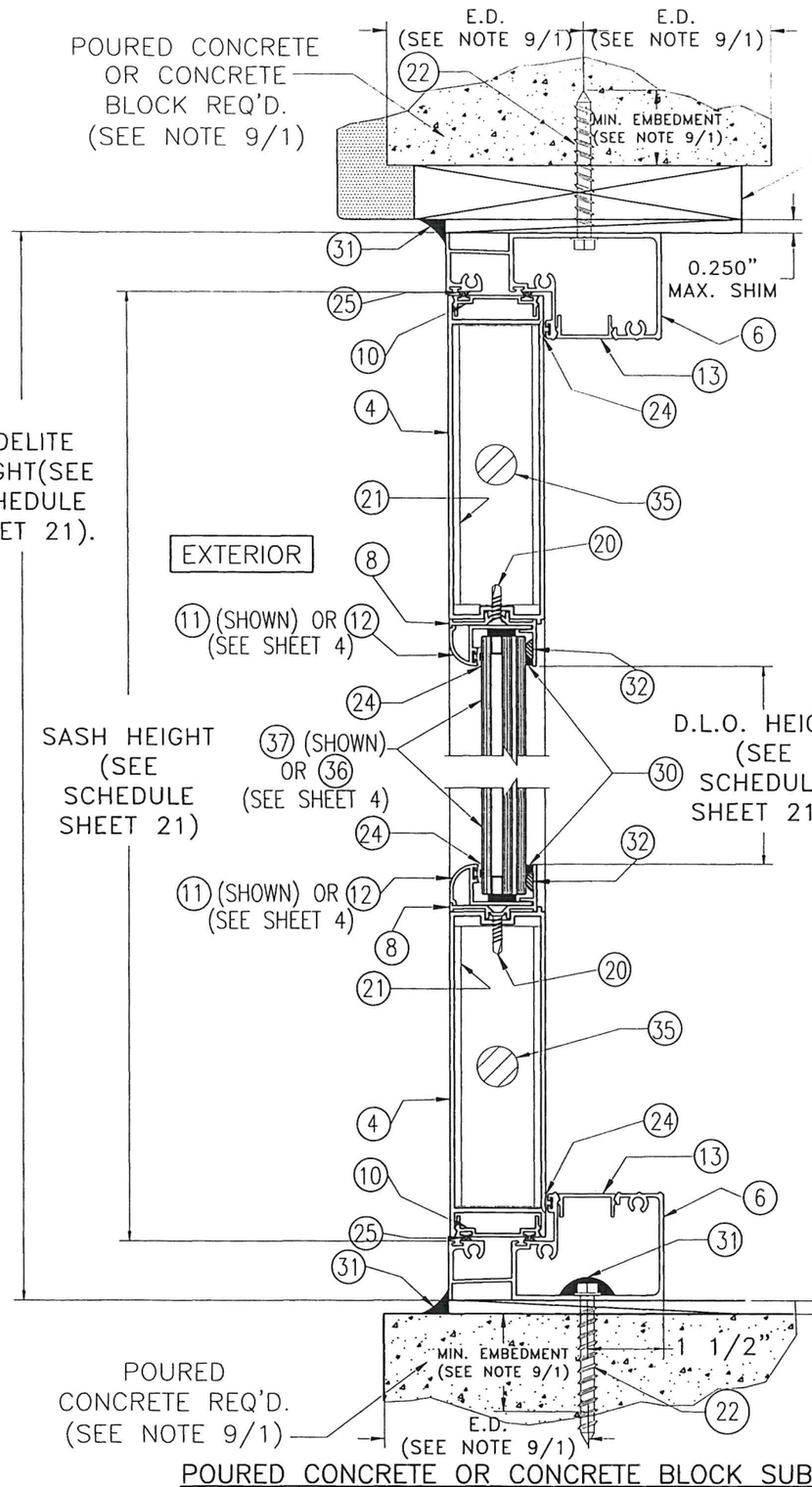
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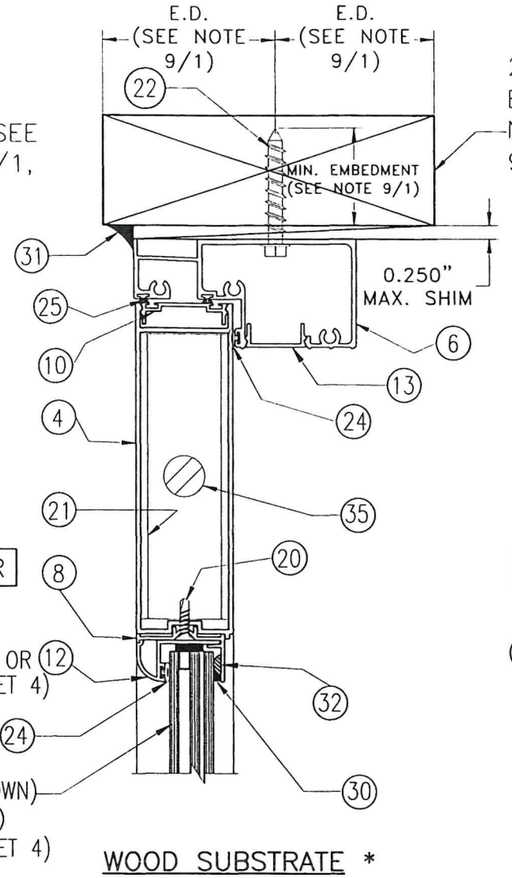
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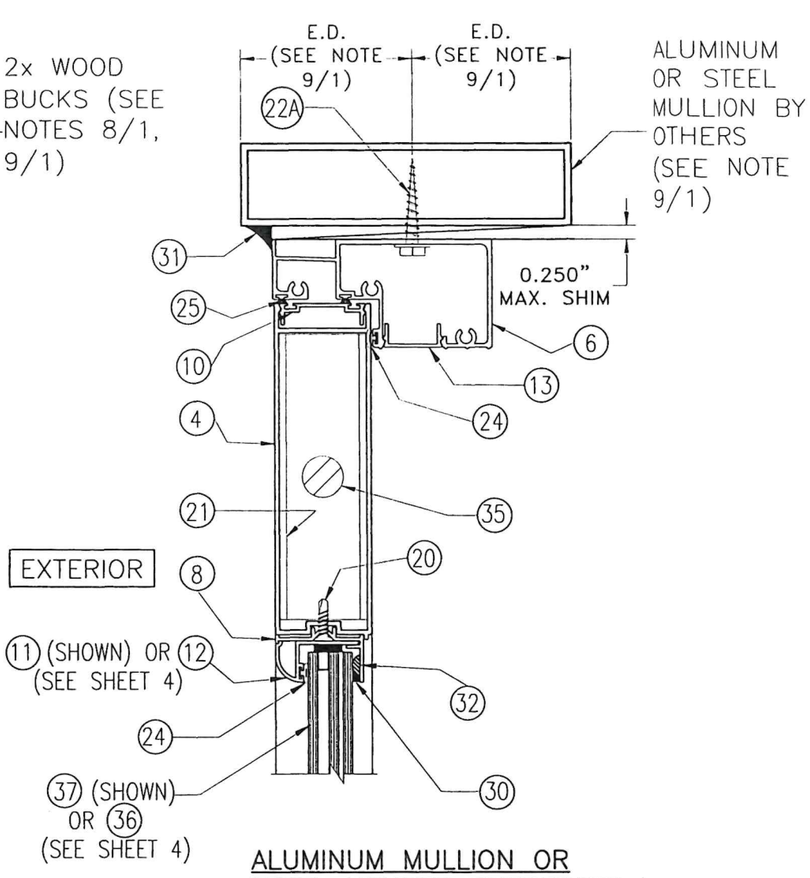
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-255	06/15/26	3		
2			4		



POURED CONCRETE OR CONCRETE BLOCK SUBSTRATE *



WOOD SUBSTRATE *



ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *

SECTION C–C @ SIDELITES

SCALE: 3/8"=1"

* TOP & BOTTOM MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x, NO WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT TOP OR BOTTOM. IN CASE THAT ALUMINUM OR STEEL MULLION WAS USED AT SILL, BUILDING OFFICIAL MUST VERIFY ITS STRUCTURAL ADEQUACY.

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P.E. SEAL/SIGNATURE/DATE

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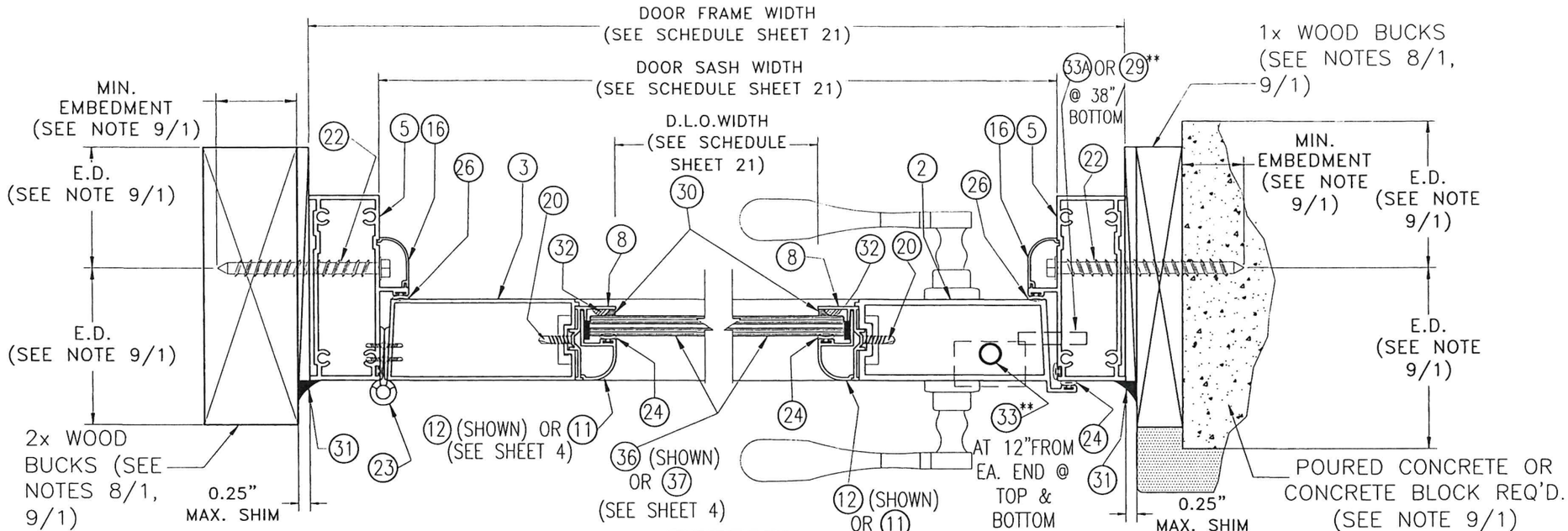
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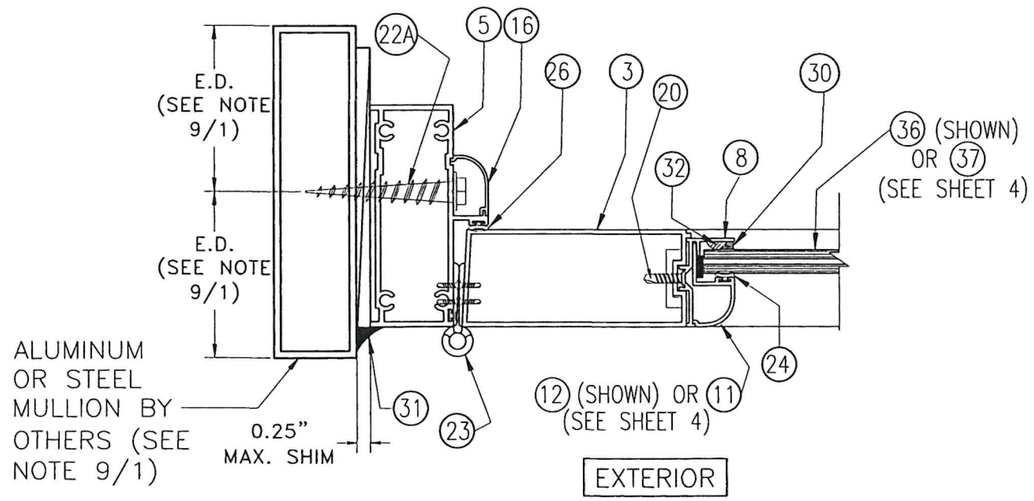
26-087 DRAWING No

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-255	06/15/26	3		



WOOD SUBSTRATE *

POURED CONCRETE OR CONCRETE BLOCK SUBSTRATE *



ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *

* JAMB MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT JAMBS.

** SEE SCHEDULE ON SHEET 4.

SECTION D–D @ SINGLE DOOR

SCALE: 3/8"=1"

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FLORIDA Lic. # 44167

SERIES MDAC 2155 ALUMINUM OUTSWING FRENCH DOOR W/Wo TRANSOM OR SIDELITES

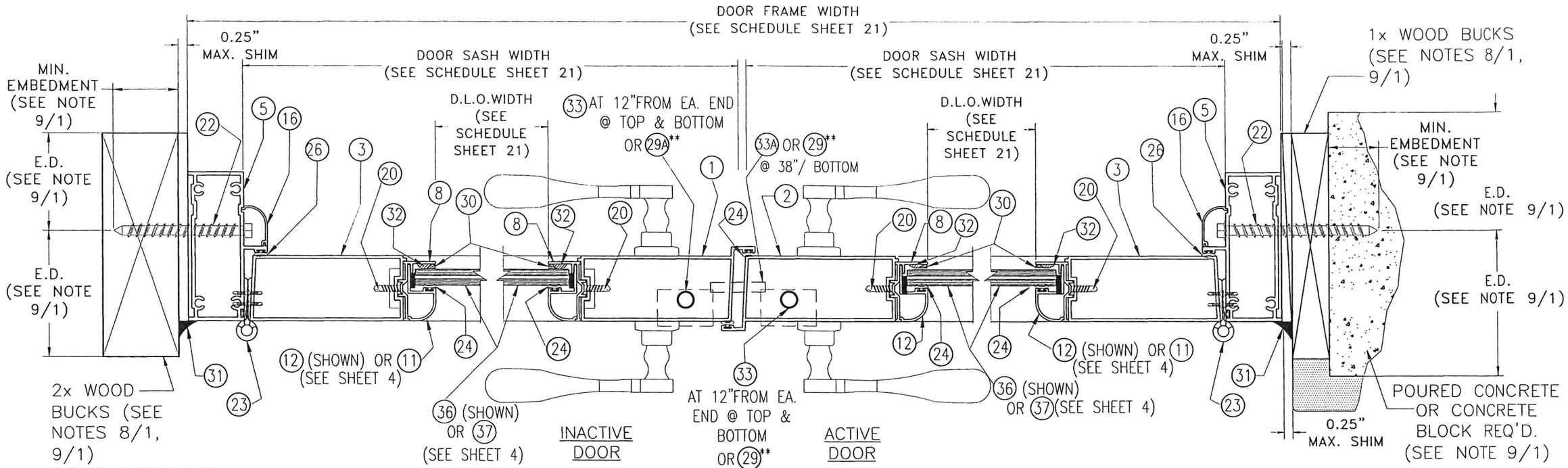
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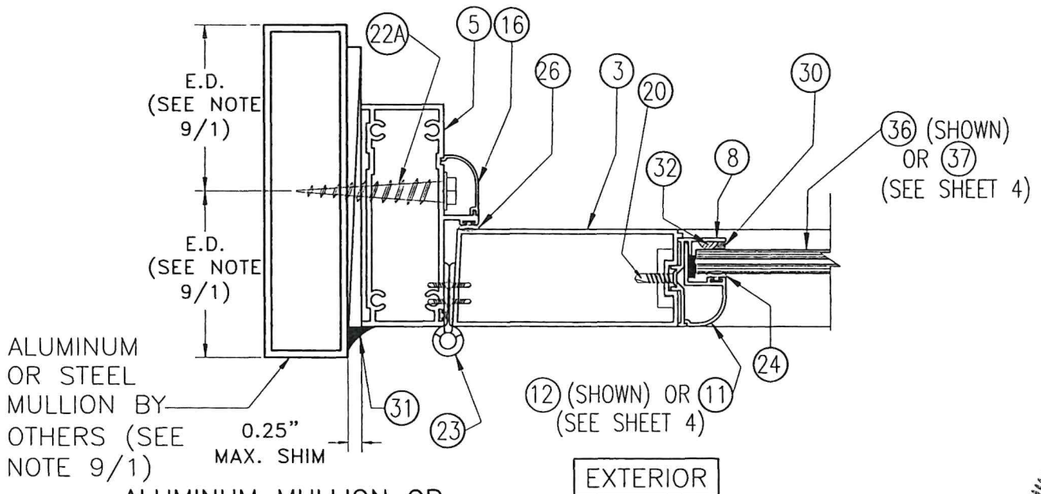
MIAMI DADE ALUMINUM CORP.
1615 WEST 31ST PLACE
HIALEAH, FL 33012
ph: 305-823-0099

06/15/2026 DATE

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1	OLD 23-255	08/15/25	3		
2			4		





ALUMINUM MULLION OR
STEEL MEMBER SUBSTRATE *

SECTION E–E @ DOUBLE DOOR

SCALE: 3/8"=1"

* JAMB MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT JAMBS.

** SEE SCHEDULE ON SHEET 4.

WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

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SERIES MDAC 2155 ALUMINUM OUTSWING FRENCH DOOR W/Wo TRANSOM OR SIDELITES

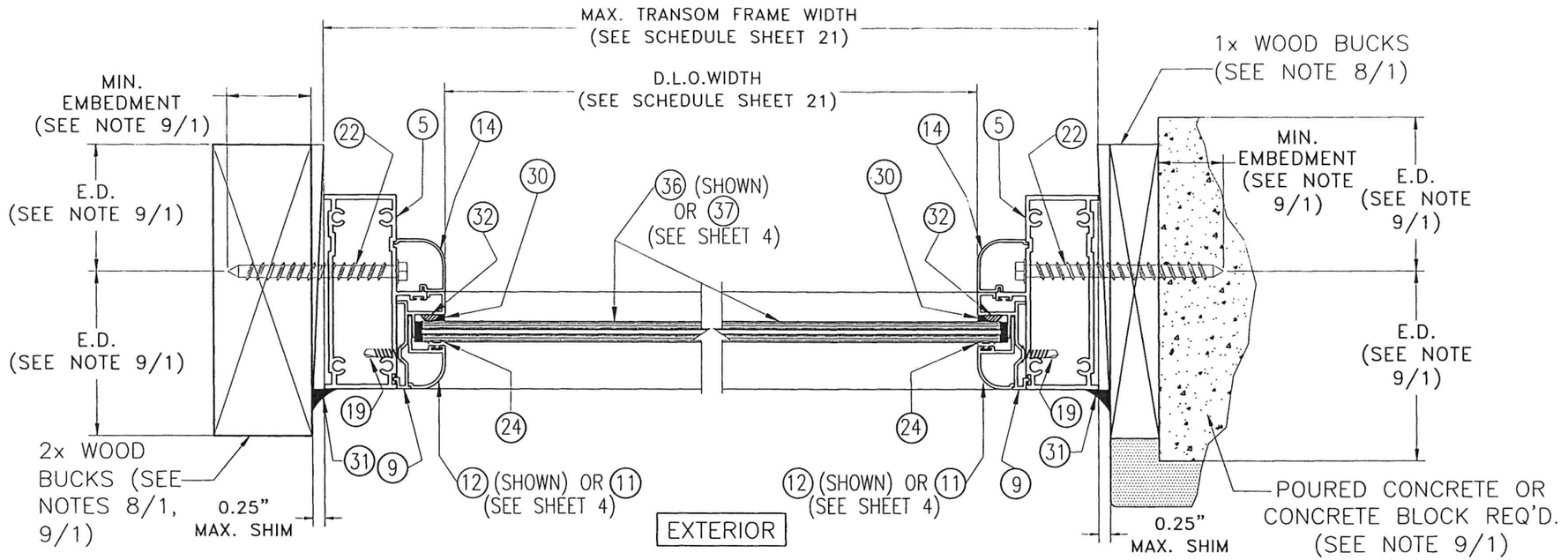
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ph: 305-823-0099

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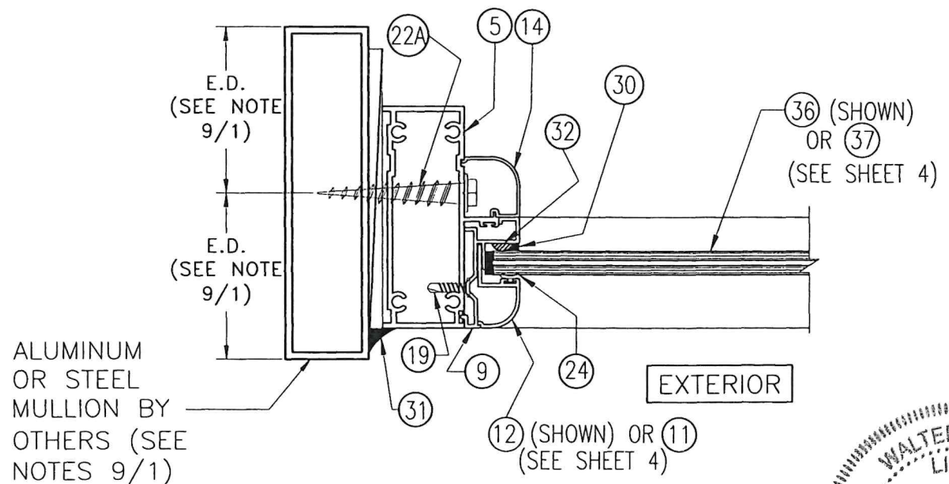
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1	OLD 23-255	08/15/26	3		
2			4		



WOOD SUBSTRATE *

POURED CONCRETE OR
CONCRETE BLOCK
SUBSTRATE *



ALUMINUM MULLION OR
STEEL MEMBER SUBSTRATE *

* JAMB MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT JAMBS.

SECTION F–F @ TRANSOM

SCALE: 3/8"=1"

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SERIES MDAC 2155 ALUMINUM OUTSWING FRENCH DOOR W/Wo TRANSOM OR SIDELITES

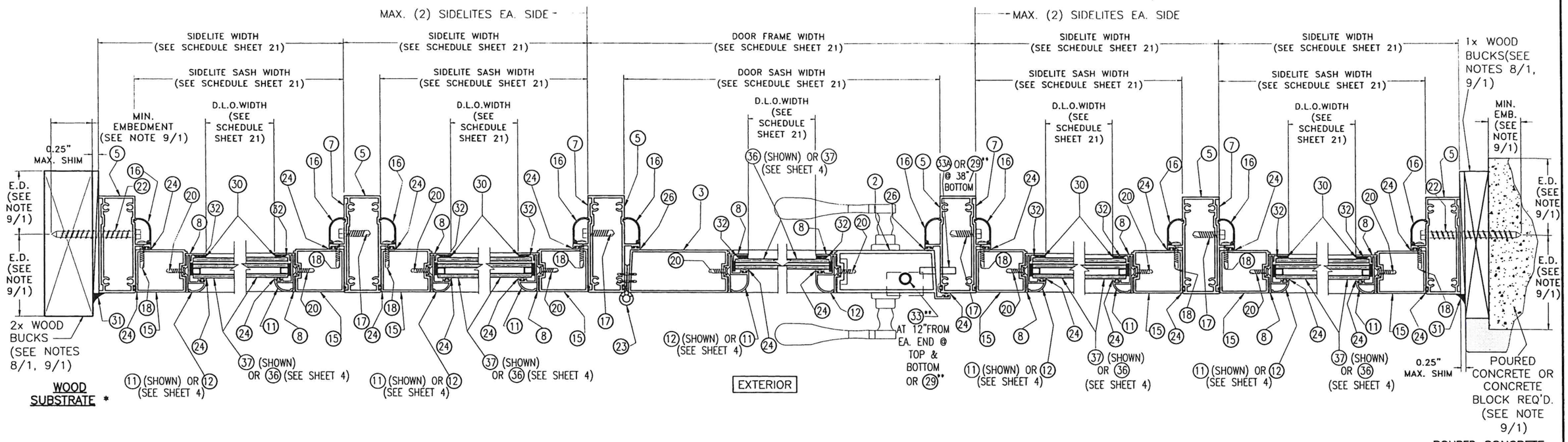
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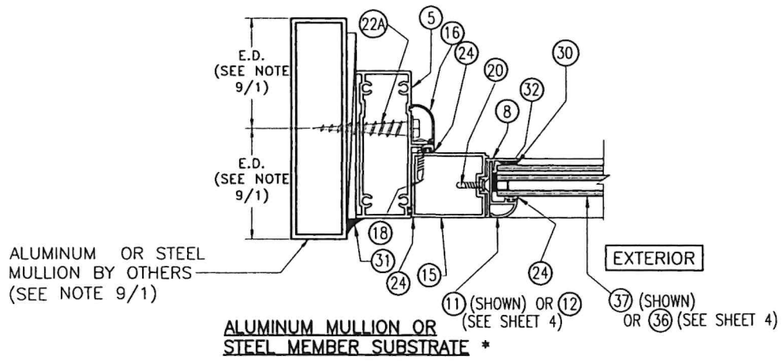
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*	JAMB MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT JAMBS.
**	SEE SCHEDULE ON SHEET 4.

SECTION G–G SINGLE DOOR W/ SIDELITES

SCALE: 1/4"=1"

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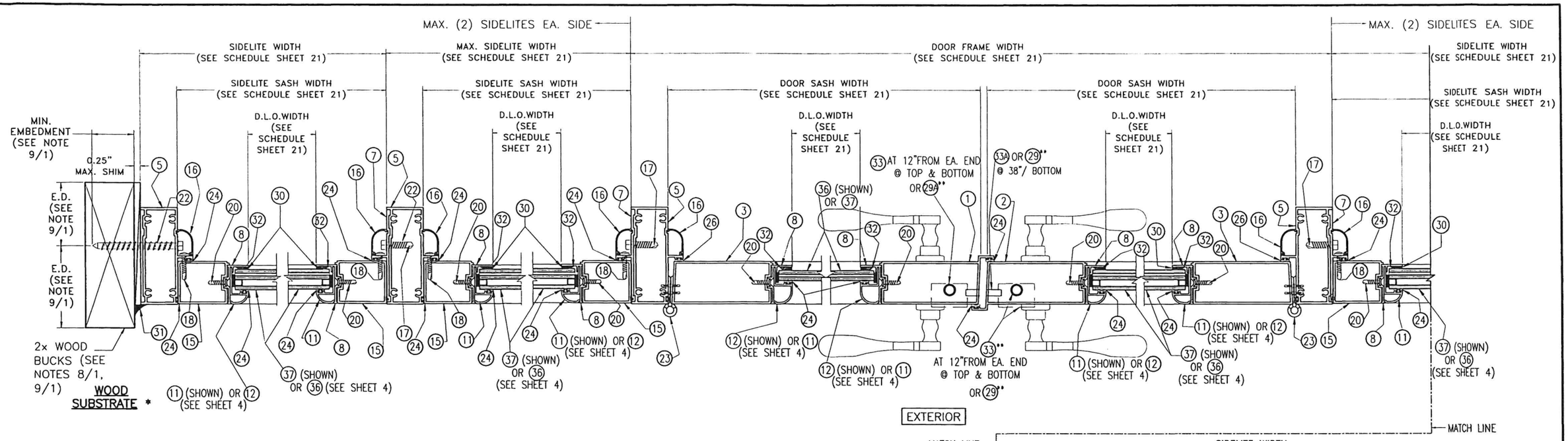
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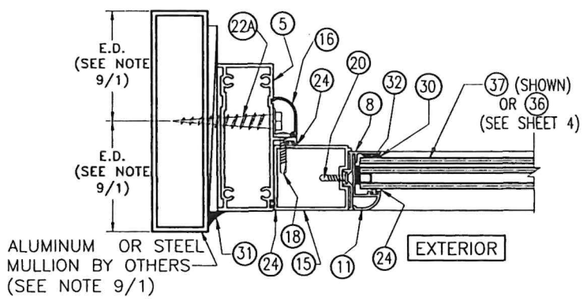
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ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *

* JAMB MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT JAMBS.

** SEE SCHEDULE ON SHEET 4.

SECTION H–H DOUBLE DOOR W/ SIDELITES

SCALE: 1/4"=1"

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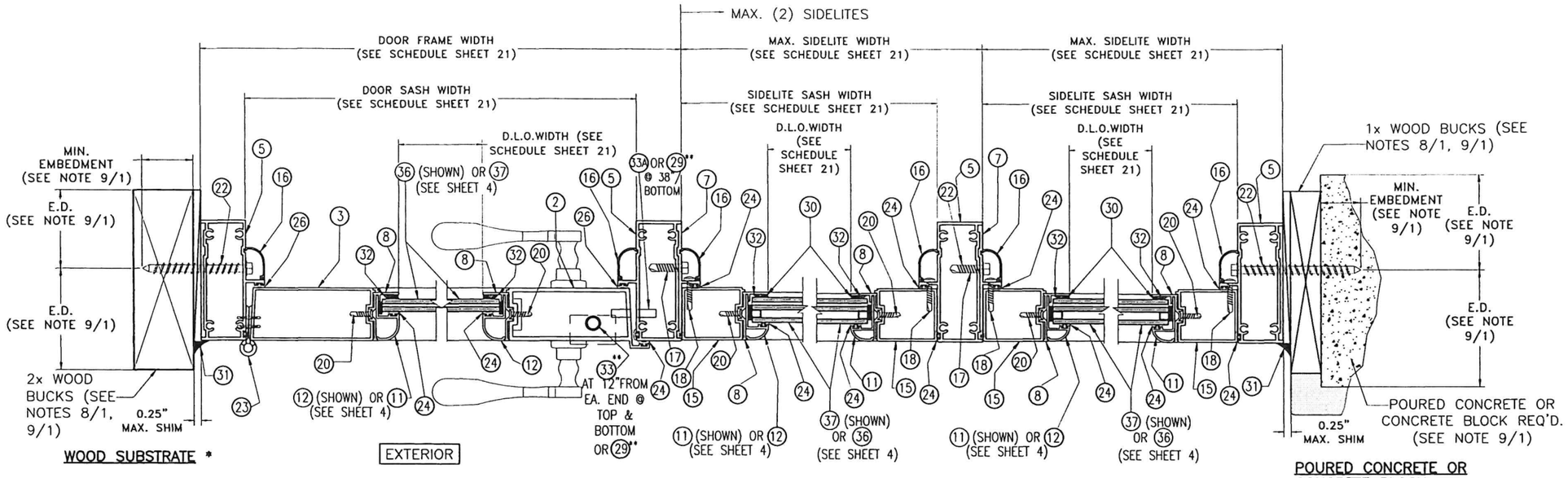
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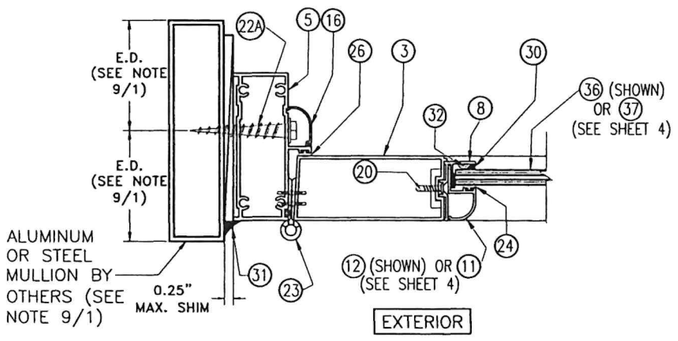
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WOOD SUBSTRATE *

POURED CONCRETE OR CONCRETE BLOCK SUBSTRATE *



ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *

*	JAMB MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT JAMBS.
**	SEE SCHEDULE ON SHEET 4.

SECTION 1-1 SINGLE DOOR W/ SIDELITES

SCALE: 1/4"=1"

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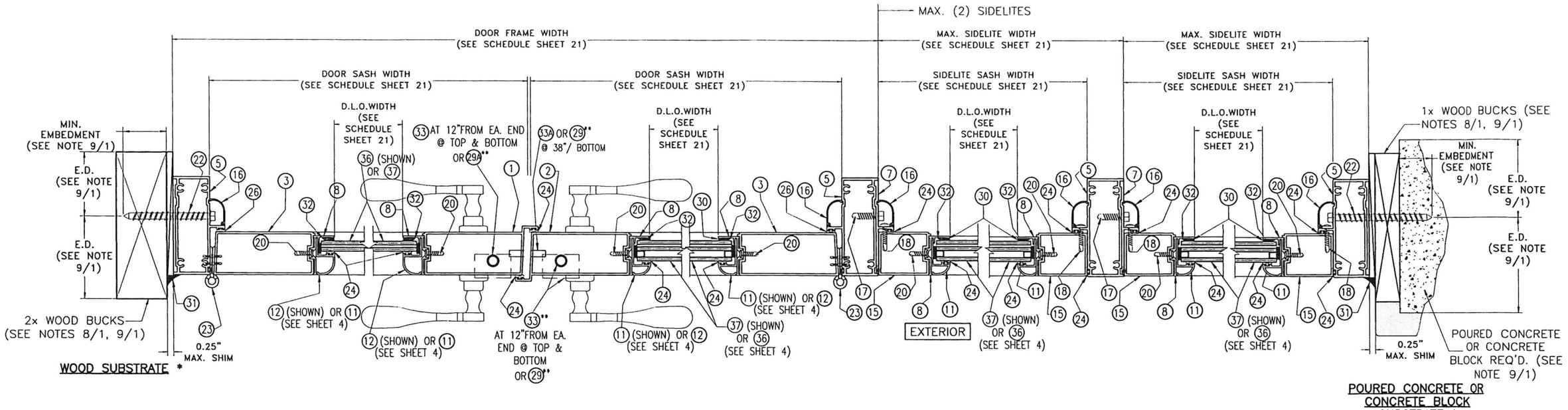
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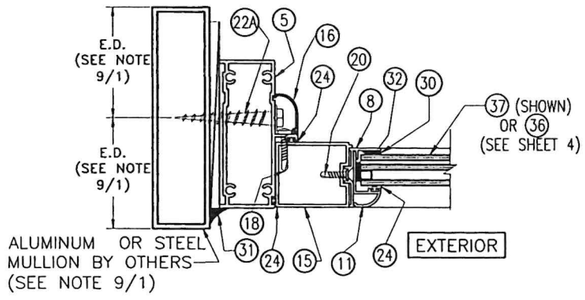
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1	OLD 23-255	06/15/26	3		
2			4		





ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *

* JAMB MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT JAMBS.

** SEE SCHEDULE ON SHEET 4.

SECTION J–J DOUBLE DOOR W/ SIDELITES

SCALE: 1/4"=1"

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1	DLD 23-255	06/15/26	3		

SINGLE & DOUBLE DOOR SCHEDULE ONLY VALID FOR DOORS W/O TRANSOM AND W/O SIDELITE

MAX. ASD DESIGN PRESSURE RATING	MAX. DOOR FRAME WIDTH		MAX. DOOR FRAME HEIGHT	MAX. DOOR SASH WIDTH *	MAX. DOOR SASH HEIGHT	MAX. D.L.O. WIDTH	MAX. D.L.O. HEIGHT
	AT SINGLE DOOR	AT DOUBLE DOOR					
+45, −45 psf	3'−5 1/2"	6'−8"	10'−0"	3'−2 1/2"	9'−9 1/2"	2'−4"	8'−8"
+49, −49 psf	3'−5 1/2"	6'−8"	9'−8"	3'−2 1/2"	9'−5 1/2"	2'−4"	8'−4"
+54, −54 psf	3'−5 1/2"	6'−8"	9'−4"	3'−2 1/2"	9'−1 1/2"	2'−4"	8'−0"
+57, −57 psf	3'−5 1/2"	6'−8"	9'−0"	3'−2 1/2"	8'−9 1/2"	2'−4"	7'−8"
+60, −60 psf	3'−5 1/2"	6'−8"	8'−8"	3'−2 1/2"	8'−5 1/2"	2'−4"	7'−4"
+70, −70 psf	3'−5 1/2"	6'−8"	8'−4"	3'−2 1/2"	7'−7 5/8"	2'−4"	7'−0"

* DOOR SASH WIDTHS MAY BE DIFFERENT FROM EACH OTHER WHEN DOUBLE DOORS ARE USED.

SINGLE & DOUBLE DOOR SCHEDULE VALID FOR DOORS W/ TRANSOM OR W/ SIDELITE

MAX. ASD DESIGN PRESSURE RATING +70, −70 psf	MAX. FRAME WIDTH	MAX. FRAME HEIGHT	MAX. SASH WIDTH	MAX. SASH HEIGHT	MAX. D.L.O. WIDTH	MAX. D.L.O. HEIGHT
AT SINGLE DOOR	3'−5 1/2"	8'−4"	3'−2 1/2"	7'−7 5/8"	2'−4"	7'−0"
AT DOUBLE DOOR	6'−8"	8'−4"	3'−2 1/2"	7'−7 5/8"	2'−4"	7'−0"
AT SIDELITE	4'−0"	8'−4"	3'−10 1/2"	7'−7 5/8"	3'−4"	7'−0"
AT SINGLE DOOR TRANSOM	3'−5 1/2"	4'−0"	–	–	3'−0 1/2"	3'−7"
AT DOUBLE DOOR TRANSOM	6'−8"	4'−0"	–	–	6'−3"	3'−7"

WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

6/15/2026

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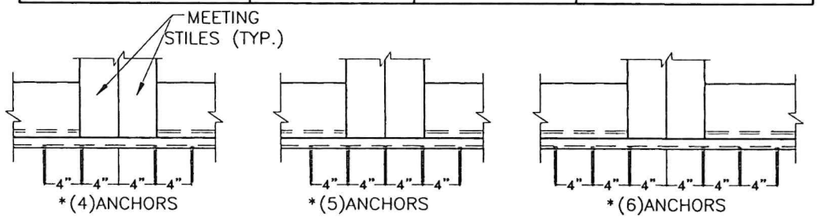
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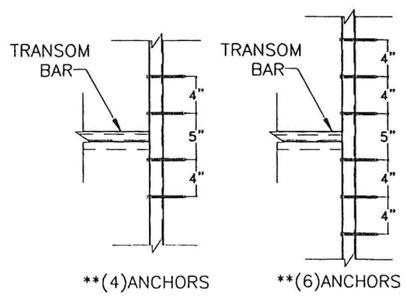
REQ'D NUMBER OF ANCHORS & CORRESPONDING ASD DESIGN PRESSURE RATING AT HEAD/SILL: CLUSTER OF ANCHORS AT DOUBLE DOOR, AT MEETING STILES *

ASD DESIGN PRESSURE RATING	MAX. DOOR FRAME WIDTH	MAX. DOOR FRAME HEIGHT	SUBSTRATE
			CONCRETE, BLOCK, WOOD, ALUM., STEEL
+45, −45 psf	6'−8"	8'−4"	4 ANCHORS
+45, −45 psf	6'−8"	10'−0"	5 ANCHORS
+49, −49 psf	6'−8"	9'−8"	5 ANCHORS
+54, −54 psf	6'−8"	9'−4"	6 ANCHORS
+57, −57 psf	6'−8"	9'−0"	6 ANCHORS
+60, −60 psf	6'−8"	8'−8"	6 ANCHORS
+70, −70 psf	6'−8"	8'−4"	6 ANCHORS



REQ'D NUMBER OF ANCHORS AT CLUSTER OF ANCHORS AT ENDS OF TRANSOM BAR WITH DOUBLE DOOR & CORRESPONDING ASD DESIGN PRESSURE RATING **

ASD DESIGN PRESSURE RATING	MAX. TRANSOM WIDTH	MAX. DOOR FRAME HEIGHT	TRANSOM HEIGHT	SUBSTRATE
				CONCRETE, BLOCK, WOOD, ALUM., STEEL
+45, −45 psf	6'−8"	8'−4"	2'−0"	4 ANCHORS
			3'−0"	4 ANCHORS
			4'−0"	4 ANCHORS
+55, −55 psf	6'−8"	8'−4"	2'−0"	4 ANCHORS
			3'−0"	4 ANCHORS
			4'−0"	6 ANCHORS
+70, −70 psf	6'−8"	8'−4"	2'−0"	4 ANCHORS
			3'−0"	4 ANCHORS
			4'−0"	6 ANCHORS

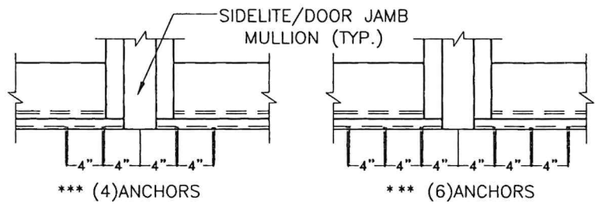


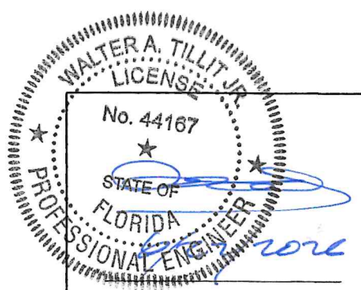
MAXIMUM ANCHOR SPACING "S" & CORRESPONDING ASD DESIGN PRESSURE RATING SCHEDULE AT JAMBS OF DOOR, SIDELITE & TRANSOM

SUBSTRATE	ANCHOR TYPE	A.S.D. DESIGN PRESSURE RATING (psf)	"S"
CONCRETE	1/4"ø ITW/BUILDEX TAPCON ANCHOR (22)	+70.0, −70.0	11" O.C.
BLOCK	1/4"ø ITW/BUILDEX TAPCON ANCHOR (22)	+70.0, −70.0	11" O.C.
WOOD	1/4"ø ITW/BUILDEX TAPCON ANCHOR (22)	+70.0, −70.0	11" O.C.
ALUMINUM TUBE OR STEEL MEMBER	1/4"ø−14 ITW/BUILDEX TEK SCREW (22A)	+70.0, −70.0	11" O.C.

REQ'D NUMBER OF ANCHORS AT HEAD & SILL: CLUSTER OF ANCHORS AT SIDELITE & DOOR JAMB MULLIONS & CORRESPONDING ASD DESIGN PRESSURE RATING ***

ASD DESIGN PRESSURE RATING	SUBSTRATE
	CONCRETE, BLOCK, WOOD, ALUM., STEEL
UP TO +67.5, −67.5 psf	4 ANCHORS
> +67.5, −67.5 psf UP TO +70, −70 psf	6 ANCHORS





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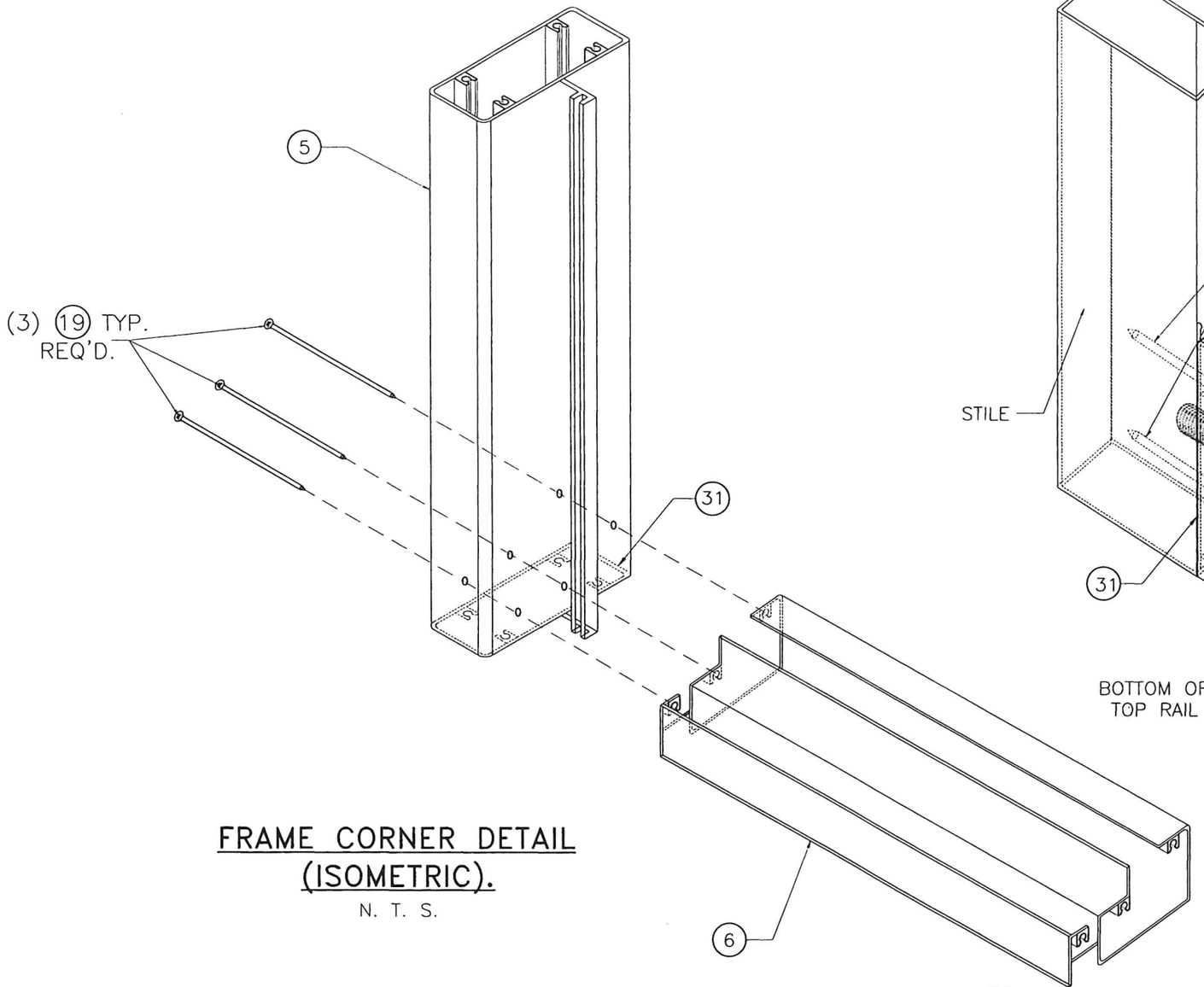
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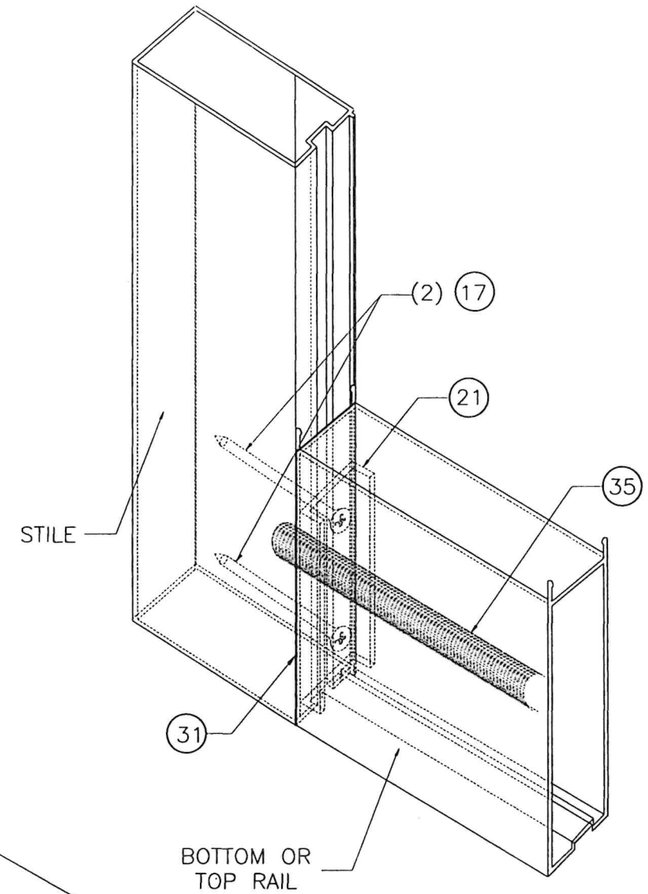
06/15/2026 DATE

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FRAME CORNER DETAIL (ISOMETRIC).

N. T. S.



DOOR PANEL & PANEL CORNER DETAIL (ISOMETRIC).

N. T. S.

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SERIES MDAC 2155 ALUMINUM OUTSWING FRENCH DOOR W/Wo TRANSOM OR SIDELITES

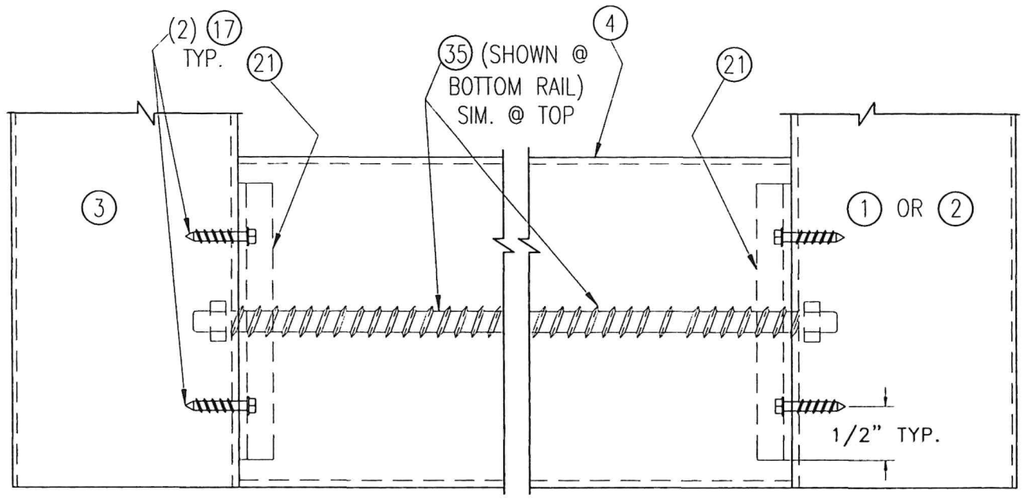
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MIAMI DADE ALUMINUM CORP.
1615 WEST 31ST PLACE
HIALEAH, FL 33012
ph: 305-823-0099

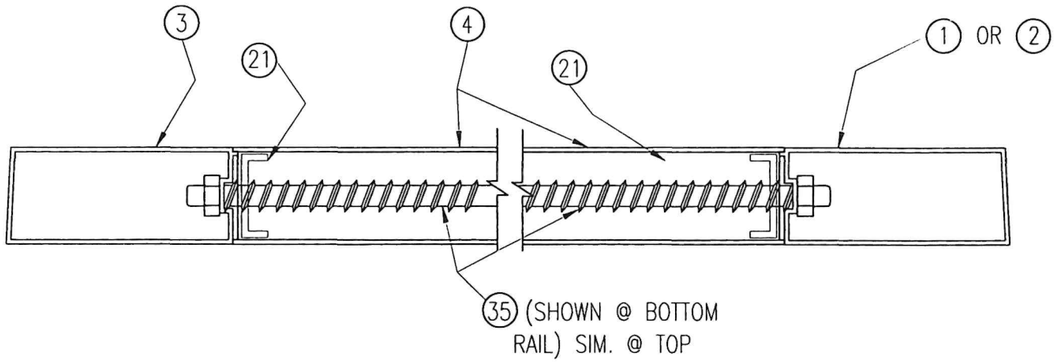
06/15/2026 DATE

26-087 DRAWING No

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 23-255	06/15/26	3		



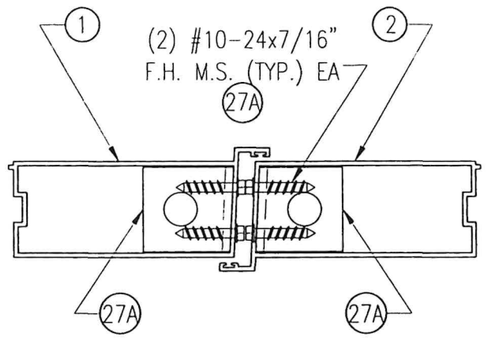
ELEVATION



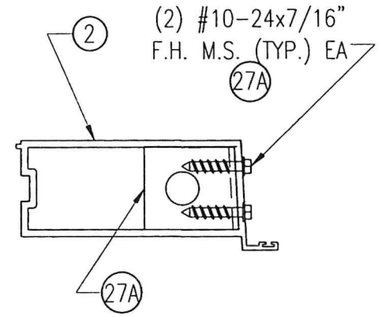
PLAN

DETAIL 1: TOP/BOTTOM RAIL CONNECTION TO STILES

SCALE: 3/8"=1"



PLAN VIEW AT ACTIVE & INACTIVE LOCK STILE @ DOUBLE DOOR



PLAN VIEW AT LOCK STILE @ SINGLE DOOR

SHOOT BOLT GUIDE DETAIL AT TOP & BOTTOM STILES

SCALE: 3/8"=1"

WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (HIGH AND NON HIGH VELOCITY HURRICANE ZONE)

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