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 SECTION 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 FIRST BE REDUCED TO A.S.D. DESIGN WIND LOADS BY MULTIPLYING THEM BY 0.6 IN ORDER TO COMPARE THESE WITH THE MAXIMUM (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 C_D=1.60 WAS USED TO VERIFY FASTENERS IN WOOD, PER ANSI/AWC NDS-24.

   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 THE FLORIDA BULDING CODE.

2. REMAINING COMPONENTS FOR THIS FRENCH DOOR SYSTEM SHALL BE AS INDICATED ON THE 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) SHALL 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 WITH FLORIDA BUILDING CODE SECTIONS 2411.3.3.4 & 1711. ONLY STAINLESS STEEL ANCHORS ARE ALLOWED AT INSTALLATIONS WITHIN 300 ft OF THE COASTAL SHORELINE.

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 ULTRACON SS4 ANCHOR W/ 1 1/4" MIN. EMBEDMENT, AS MANUFACTURED BY ITW/BUILDEX, 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 ULTRACON SS4 ANCHOR W/ 1 1/4" MIN. EMBEDMENT, AS MANUFACTURED BY ITW/BUILDEX, 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 ULTRACON SS4 ANCHOR W/ 1 1/2" MIN. EMBEDMENT, AS MANUFACTURED BY ITW/BUILDEX, 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-14 410 SS TEK SCREW, 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-14 410 SS TEK SCREW, AS MANUFACTURED BY ITW/BUILDEX, INC. (COMPONENT (22A)), FULLY ENGAGED.

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 A PERMIT IS APPLIED FOR.

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

13. PRODUCT MANUFACTURER'S LABEL SHALL BE LOCATED AT A READILY VISIBLE LOCATION ON THE 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) THE CONTRACTOR IS 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 WHO 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

8/10/2026

P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

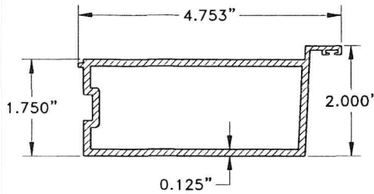
ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	-	-
2	-	-	4	-	-

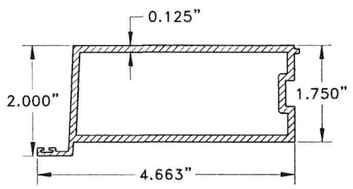
W.H DRAWN BY:

6/30/2026 DATE:

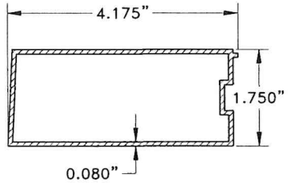
26-115 DRAWING No.



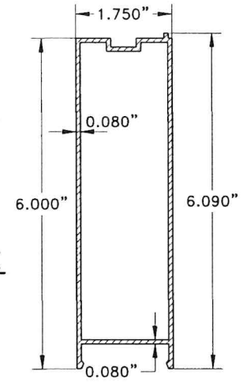
1 INACTIVE LOCK STILE
6063–T6 ALLOY



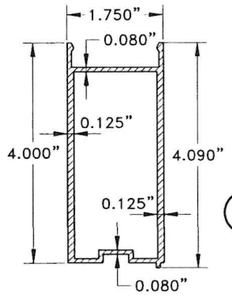
2 ACTIVE LOCK STILE
6063–T6 ALLOY



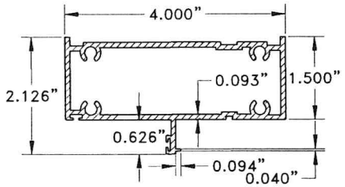
3 HINGE & LOCK STILE
6063–T6 ALLOY



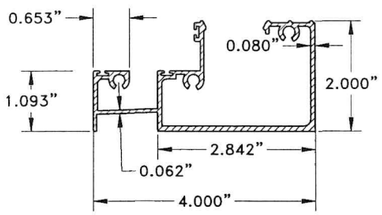
4 6"TOP & BOTTOM RAIL
6063–T6 ALLOY



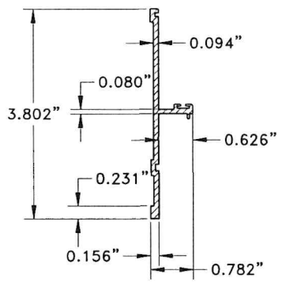
4A 4"TOP & BOTTOM RAIL
6063–T6 ALLOY



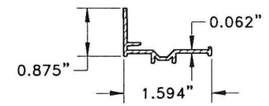
5 FRAME HEAD AND JAMB AT SIDELITE & HEAD AT DOOR W/TRANSOM OR W/O TRANSOM
6063–T6 ALLOY



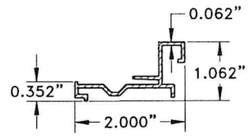
6 SILL & HEAD FRAME @ DOOR & SIDELITE
6063–T6 ALLOY



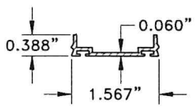
7 SIDELITE JAMB & TRANSOM INSERT
6063–T6 ALLOY



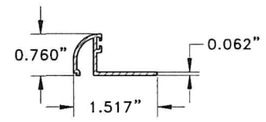
8 GLAZING ADAPTER FOR LAMINATED & LAMINATED–INSULATED GLASS
6063–T6 ALLOY



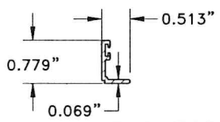
9 GLAZING ADAPTER SIDELITE & TRANSOM FOR LAMINATED & LAMINATED–INSULATED GLASS
6063–T6 ALLOY



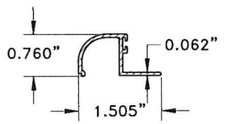
10 WEATHER STRIP ADAPTER
6063–T6 ALLOY



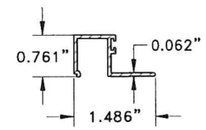
11 GLAZING BEAD FOR LAMIN. INSULAT. GLASS (37)
6063–T6 ALLOY



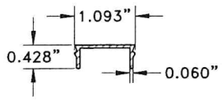
11A GLAZING BEAD FOR LAMIN. INSULAT. GLASS (37)
6063–T6 ALLOY



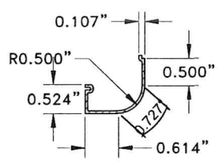
12 GLAZING BEAD FOR LAMIN. GLASS (36)
6063–T6 ALLOY



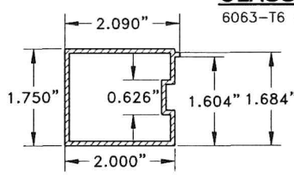
12A GLAZING BEAD FOR LAMIN. GLASS (36)
6063–T6 ALLOY



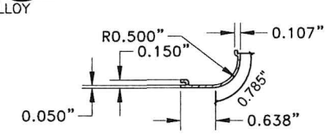
13 HEAD & SILL COVER PLATE
6063–T6 ALLOY



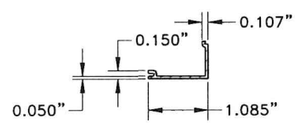
14 SCREW COVER FOR TRANSOM
6063–T6 ALLOY



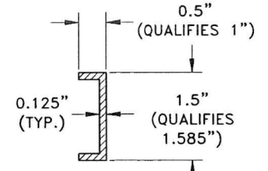
15 STILE FOR SIDELITE PANEL
6063–T6 ALLOY



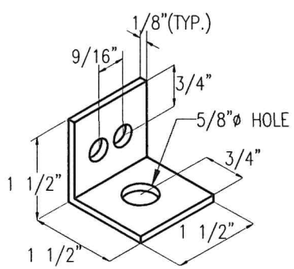
16 CURVED SCREW COVER FOR DOOR JAMB,DOOR HEAD & SIDELITE JAMB
6063–T6 ALLOY



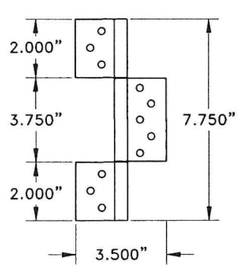
16A SQUARE SCREW COVER FOR DOOR JAMB,DOOR HEAD & SIDELITE JAMB
6063–T6 ALLOY



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



27A SHOOT BOLT GUIDE
6063–T6 ALUMINUM ANGLE



23 EXTRUDED HINGES
6063–T6 ALLOY

COMPONENTS

SCALE: N.T.S

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)

© 2026 TILTECO, INC.

TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871–1530 . Fax : (305)871–1531
CA–0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222–0427, FAX: (305) 428–3011

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24–078	6/30/26	3	–	–
2	–	–	4	–	–

W.H
DRAWN BY:

6/30/2026
DATE:

26–115
DRAWING No.

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	6" TOP & BOTTOM RAIL	SEE SHEET 2	6063-T6
④A	4" TOP & BOTTOM RAIL	SEE SHEET 2	6063-T6
⑤	FRAME HEAD AND JAMB AT SIDELITE & HEAD AT DOOR W/TRANSOM OR W/O TRANSOM	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
⑪A	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
⑫A	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	CURVED SCREW COVER FOR DOOR JAMB, DOOR HEAD & SIDELITE JAMB	SEE SHEET 2	6063-T6
⑯A	SQUARE 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 SS 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)	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" SS SCREWS PER PANEL & TWIN BOLT LOCK W/ (1) #8-32 x 7/16" SS 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)	

STATE OF FLORIDA LICENSE No. 44167 PROFESSIONAL ENGINEER

P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	-	-
2	-	-	4	-	-

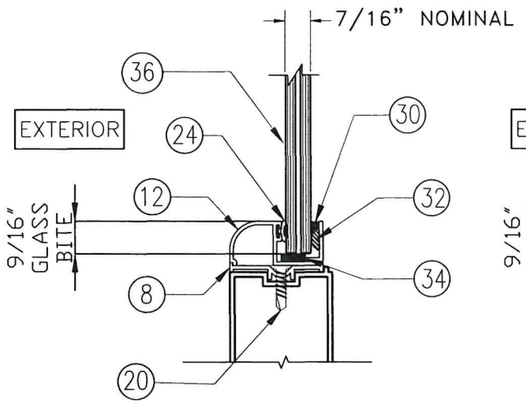
W.H
DRAWN BY:

6/30/2026
DATE:

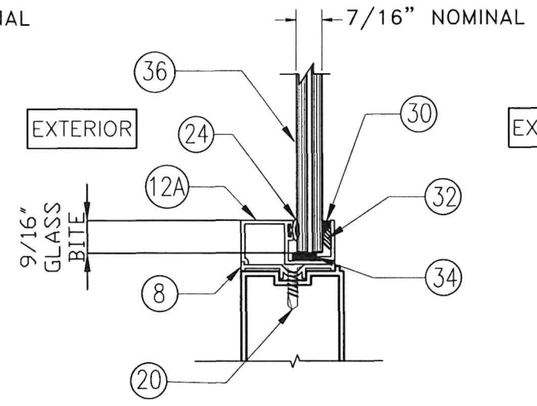
26-115
DRAWING No.

BILL OF MATERIALS (CONT'D)

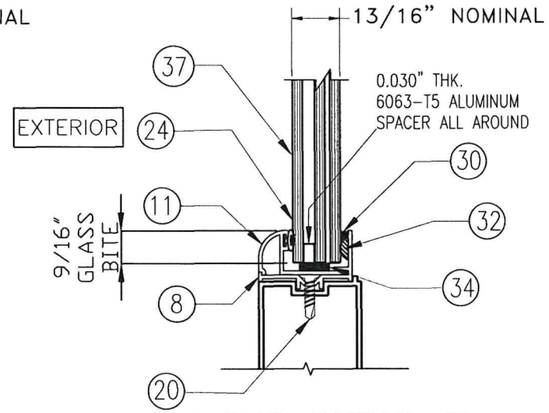
COMPONENT #	DESCRIPTION	MATERIAL
36	7/16" NOMINAL LAMINATED GLASS W/ 3/16" H.S. GLASS +0.090" PVB INTERLAYER BY KURARAY AMERICA, INC. + 3/16" H.S. GLASS.	GLASS
37	13/16" INSULATED-LAMINATED GLASS W/ 3/16" TEMPERED GLASS OUT BOARD -1/4" ARGON SPACER + 3/16" H.S. + 0.090" PVB INTERLAYER BY KURARAY AMERICA,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



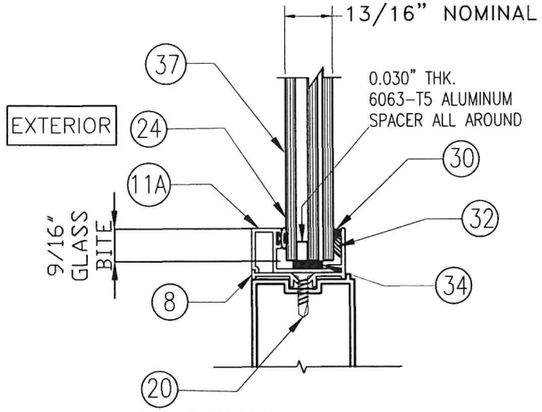
GLAZING DETAIL 1
AT (36) W/(12)
SCALE: N.T.S



GLAZING DETAIL 2
AT (36) W/(12A)
SCALE: N.T.S



GLAZING DETAIL 3
AT (37) W/(11)
SCALE: N.T.S



GLAZING DETAIL 4
AT (37) W/(11A)
SCALE: N.T.S

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

P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

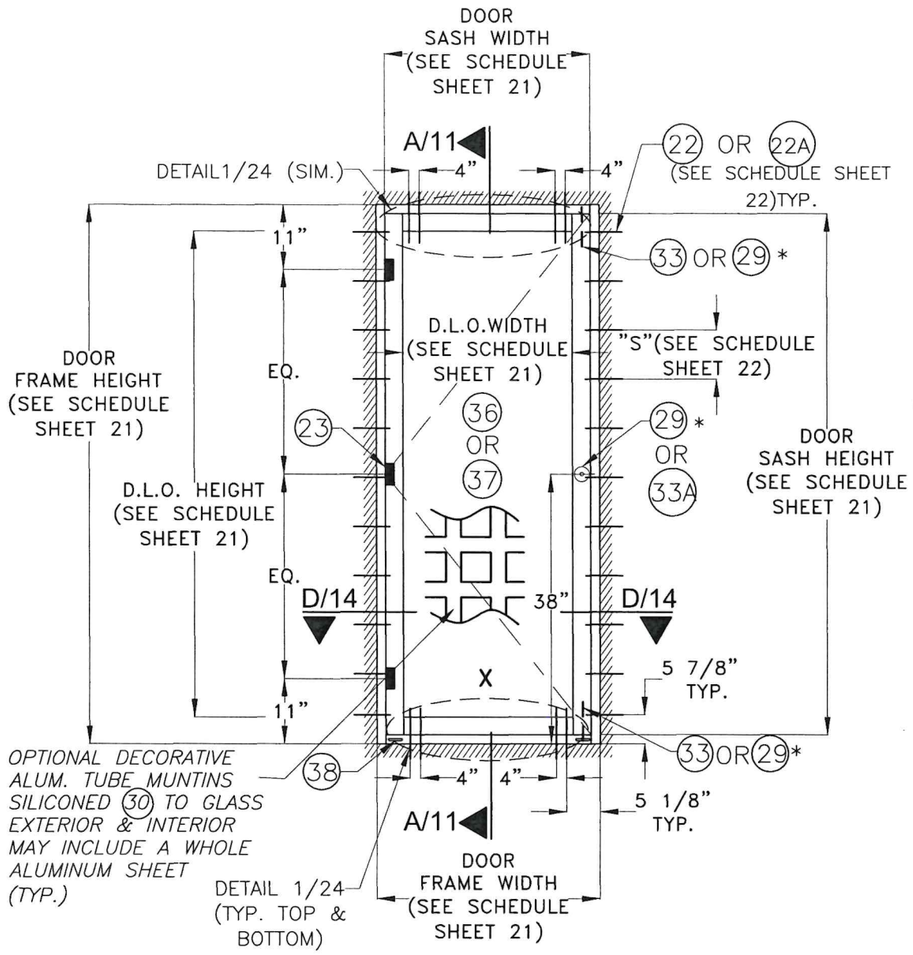
ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	-	-
2	-	-	4	-	-

W.H
DRAWN BY:

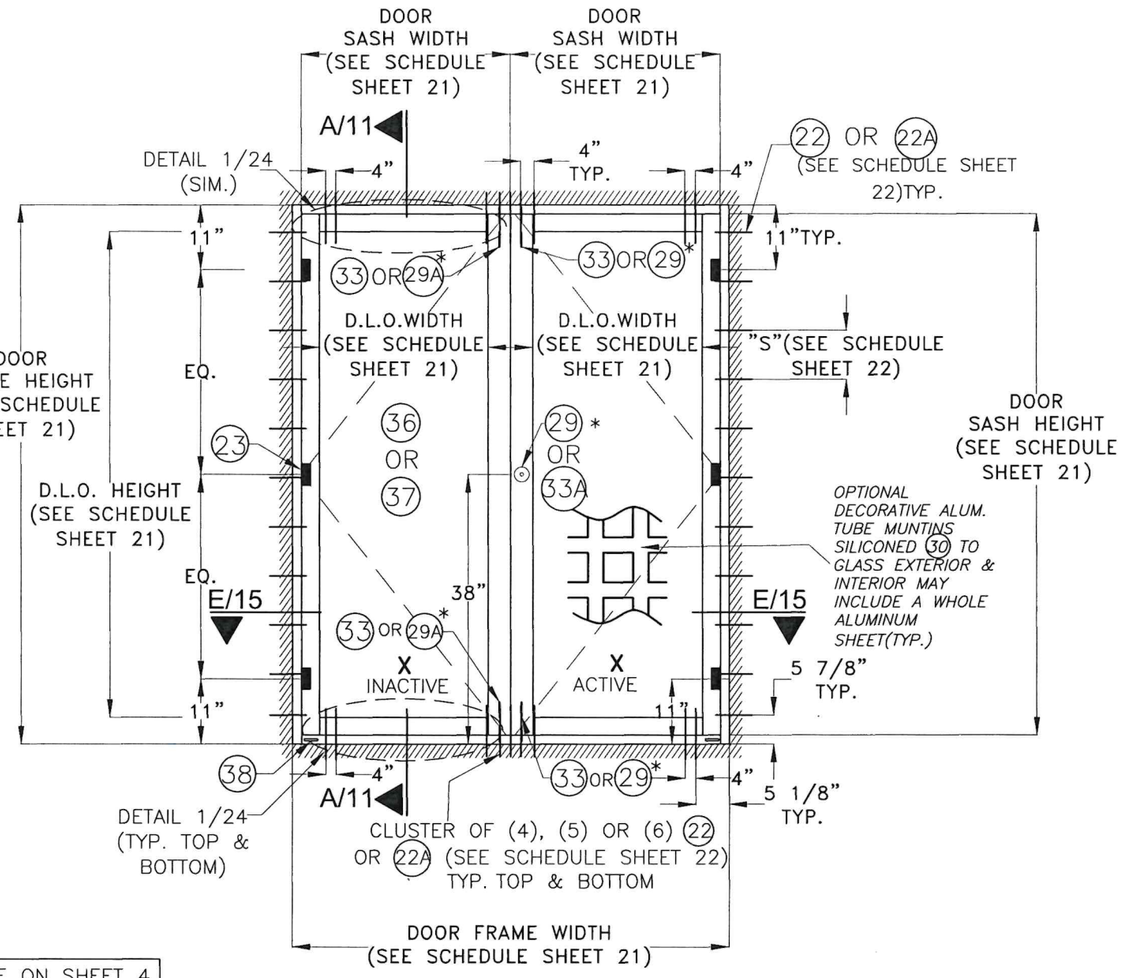
6/30/2026
DATE:

26-115
DRAWING No.



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

SCALE: N.T.S

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)

© 2026 TILTECO, INC.

TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

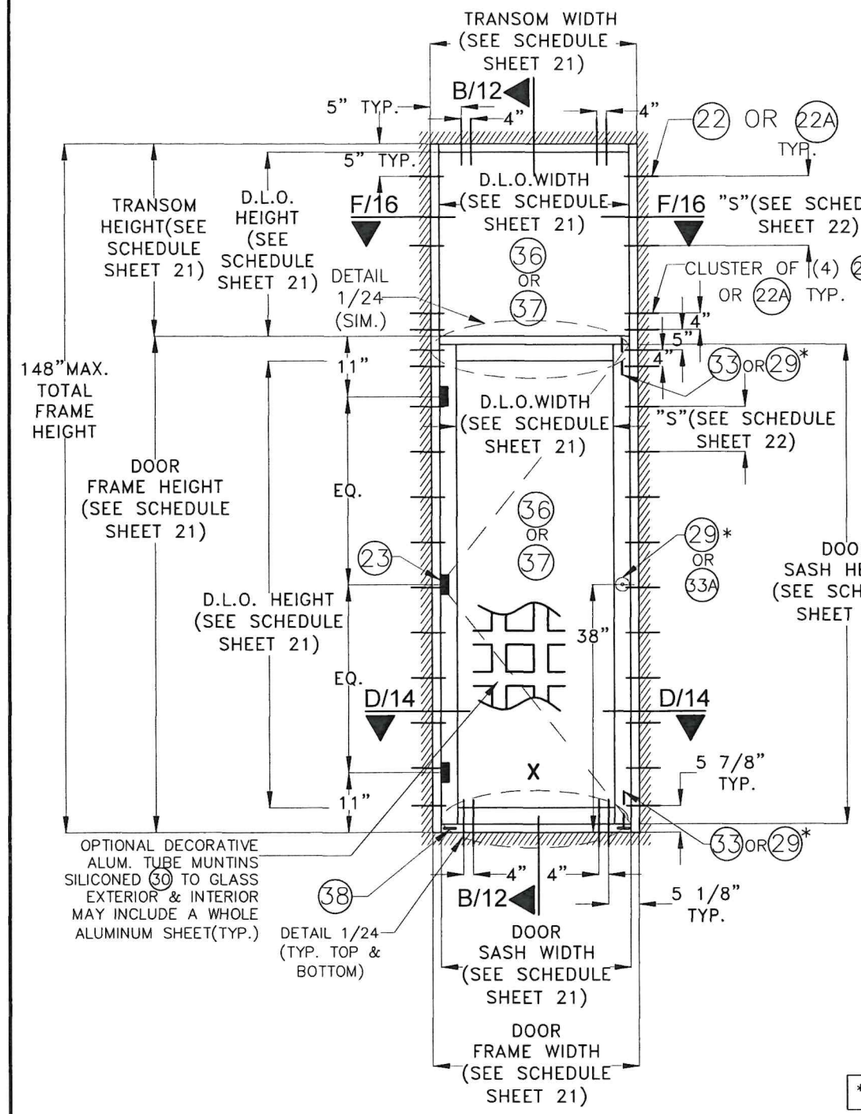
W.H
DRAWN BY:

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

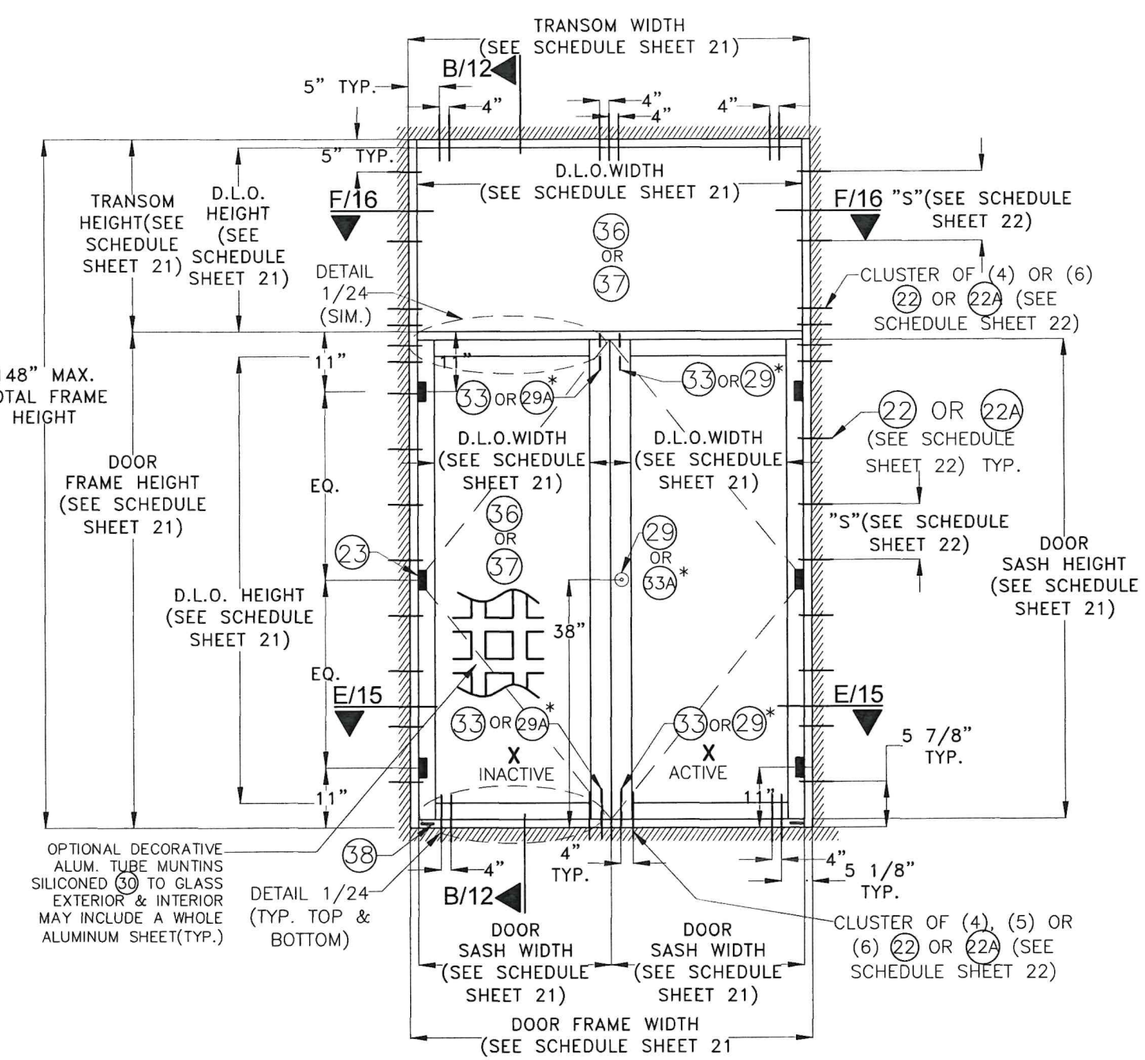
6/30/2026
DATE:

26-115
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	-	-
2	-	-	4	-	-



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

SCALE:N.T.S

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

8/18/2026

P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

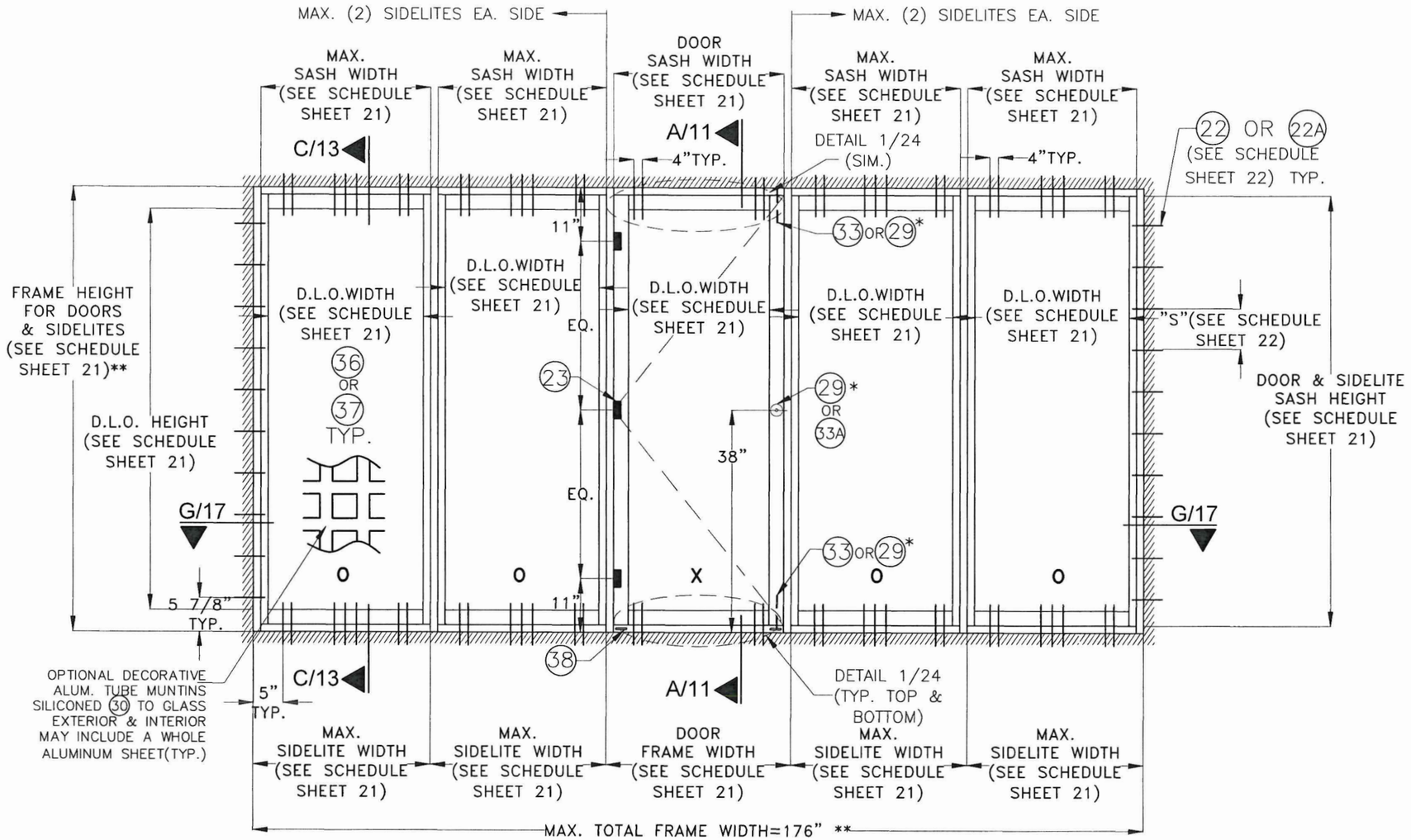
W.H
DRAWN BY:

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

6/30/2026
DATE:

26-115
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	-	-
2	-	-	4	-	-



TYPICAL EXTERIOR ELEVATION OF SINGLE DOOR W/ SIDELITES

SCALE:N.T.S

* 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

P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

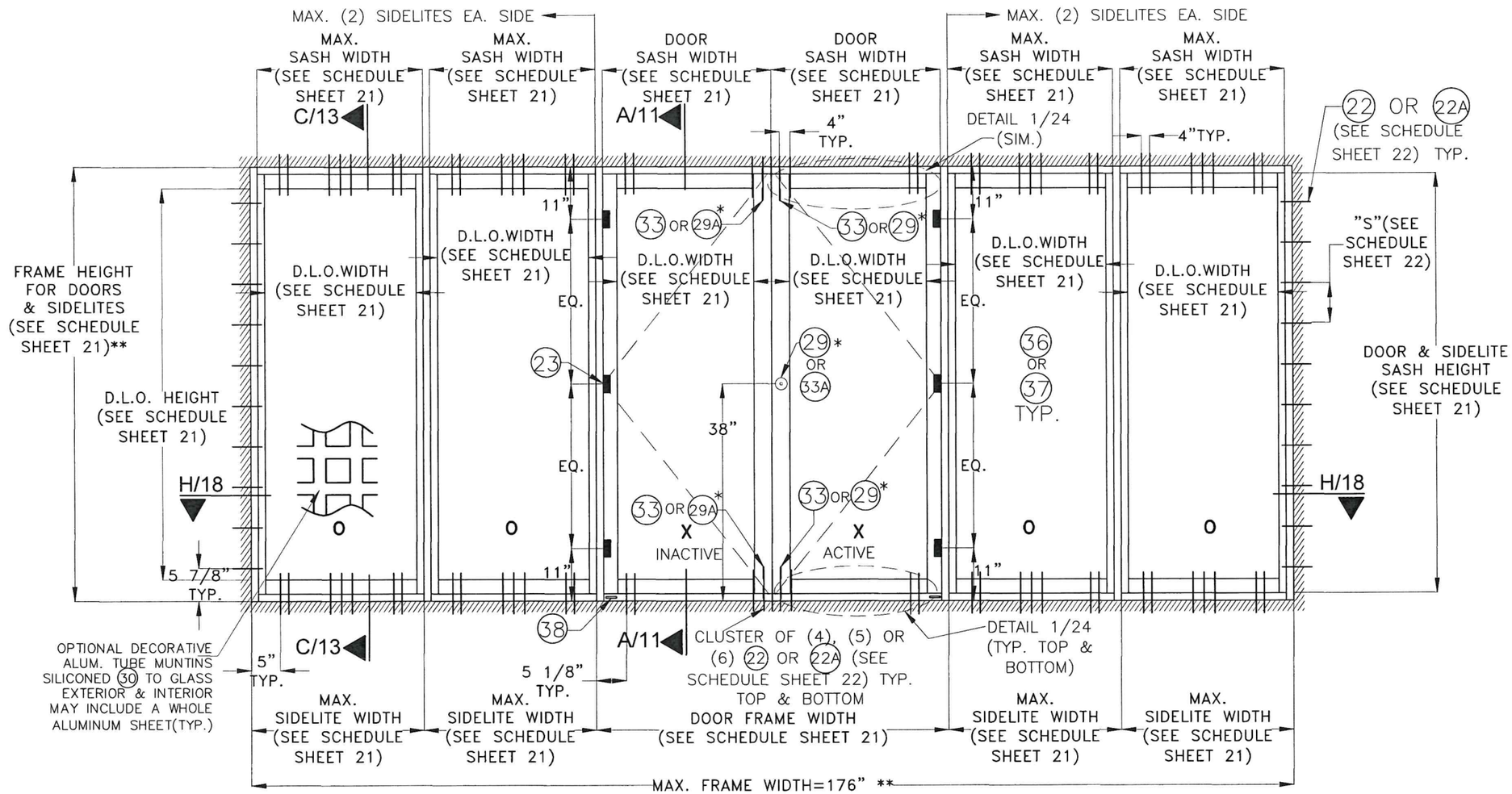
ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	–	–
2	–	–	4	–	–

W.H
DRAWN BY:

6/30/2026
DATE:

26-115
DRAWING No.



TYPICAL EXTERIOR ELEVATION OF DOUBLE DOOR W/ SIDELITES

SCALE: N.T.S

* 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

P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

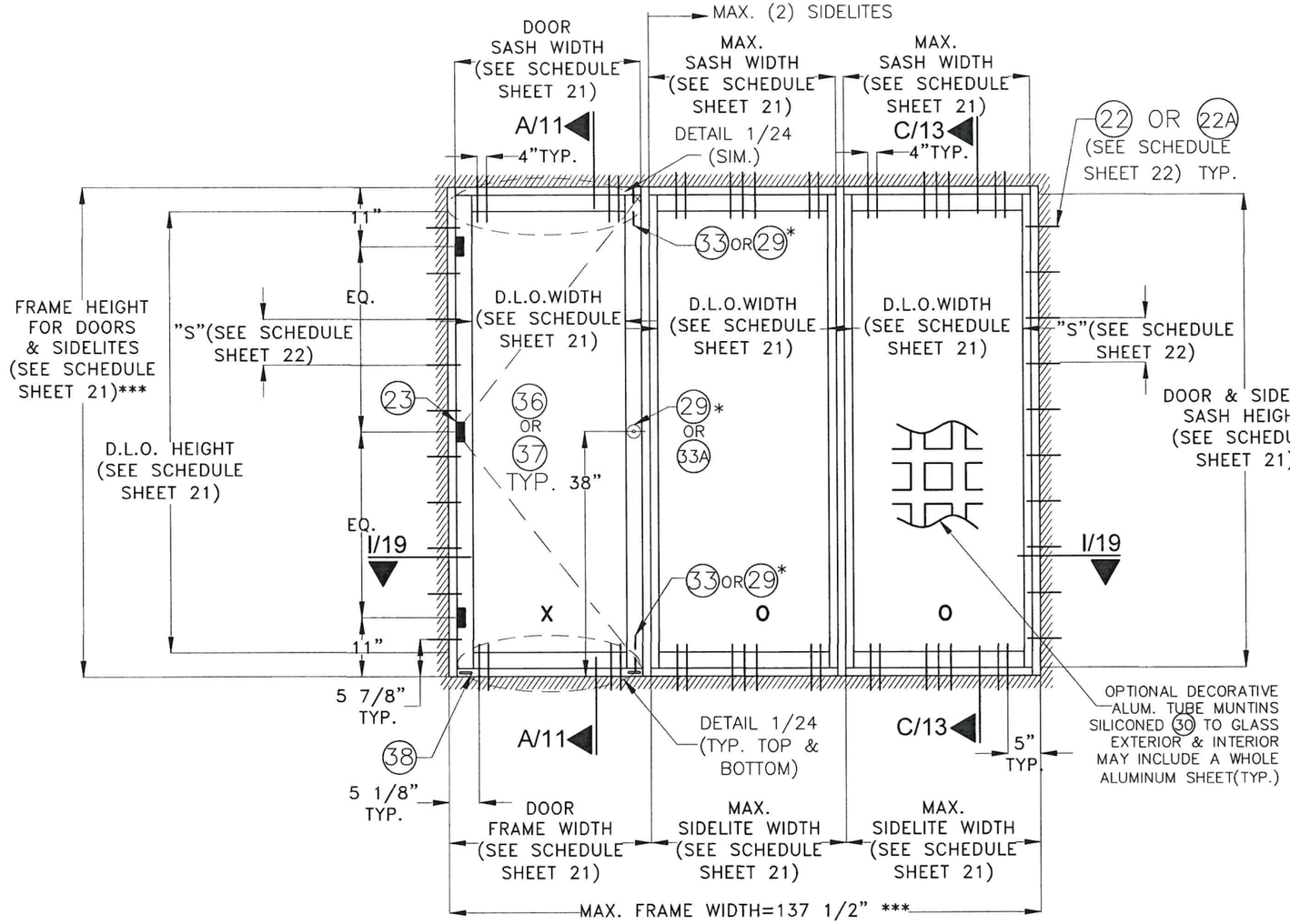
W.H DRAWN BY:

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

6/30/2026 DATE:

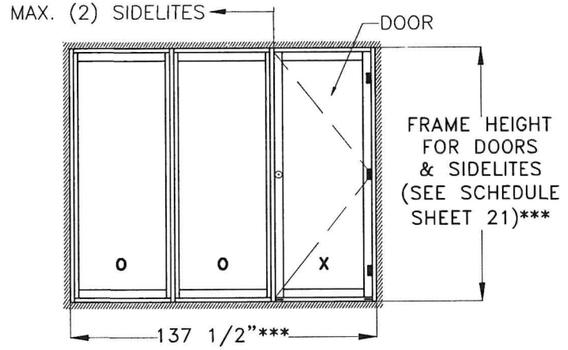
26-115 DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	-	-
2	-	-	4	-	-



TYPICAL EXTERIOR ELEVATION OF SINGLE DOOR W/ SIDELITES **

SCALE: N.T.S



** QUALIFIES MIRROR CONFIGURATION TOO.

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

WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER
8/19/2026
P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

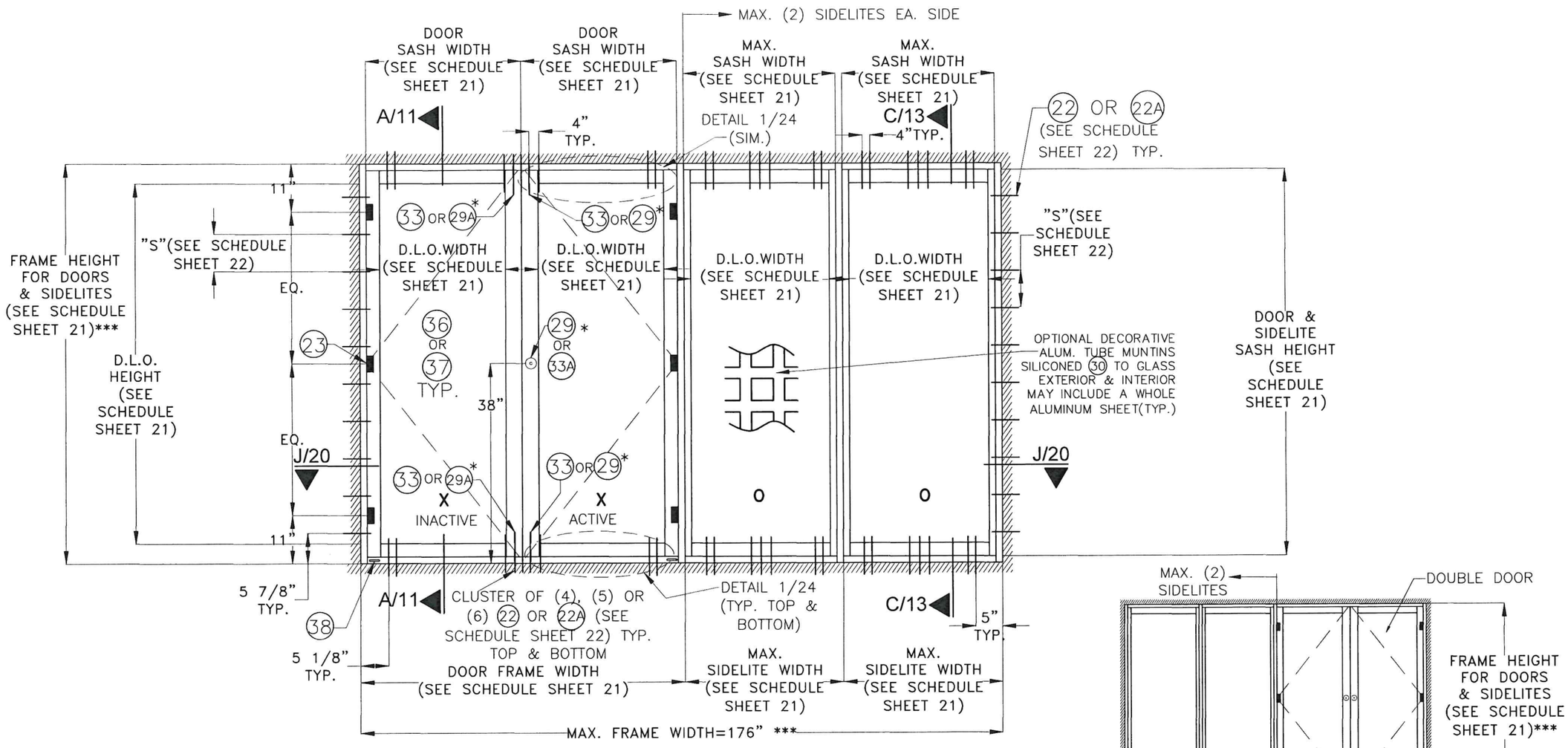
W.H DRAWN BY:

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

6/30/2026 DATE:

26-115 DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	–	–
2	–	–	4	–	–



TYPICAL EXTERIOR ELEVATION OF DOUBLE DOOR W/ SIDELITES **

SCALE: N.T.S

** QUALIFIES MIRROR CONFIGURATION TOO.

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

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

P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

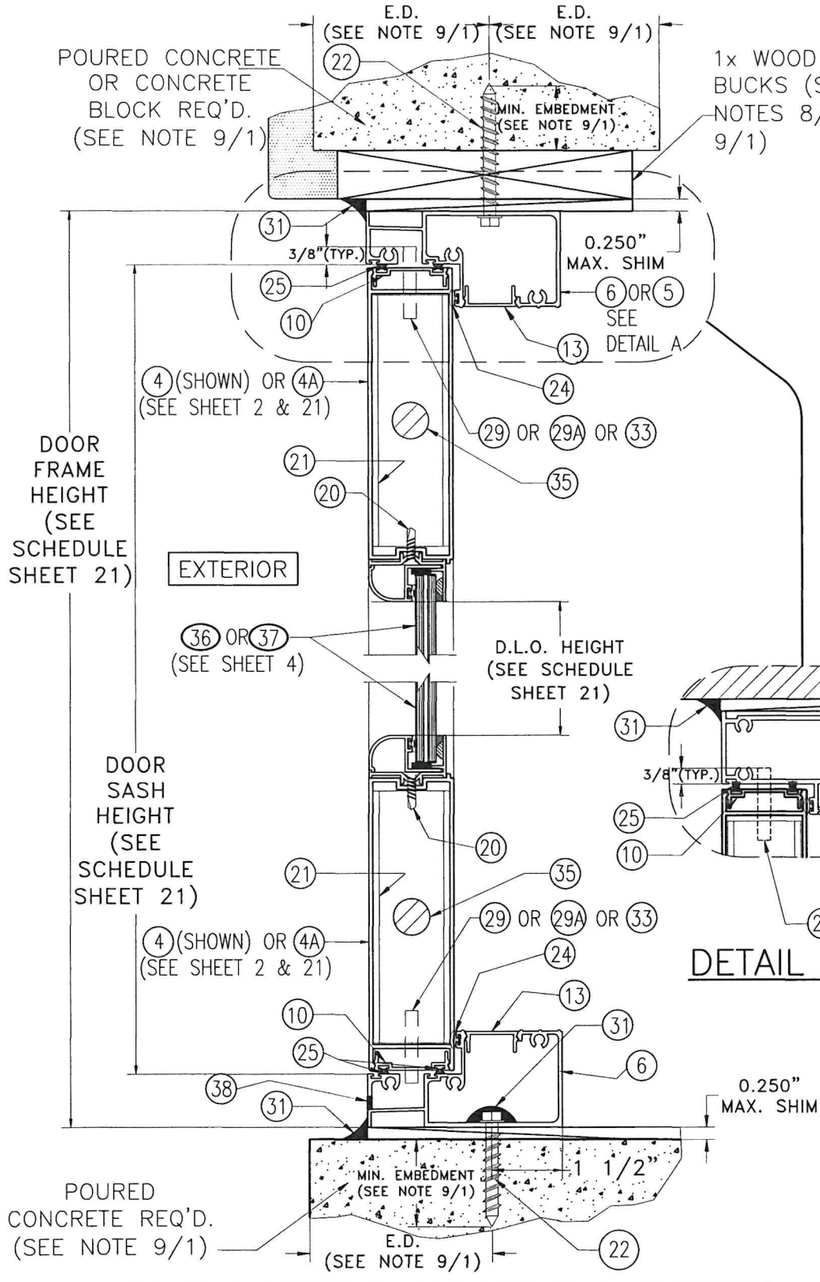
TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

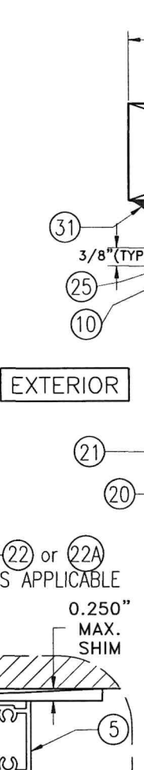
ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	-	-
2	-	-	4	-	-

W.H DRAWN BY:
6/30/2026 DATE:
26-115 DRAWING No.
SHEET 10 OF 24

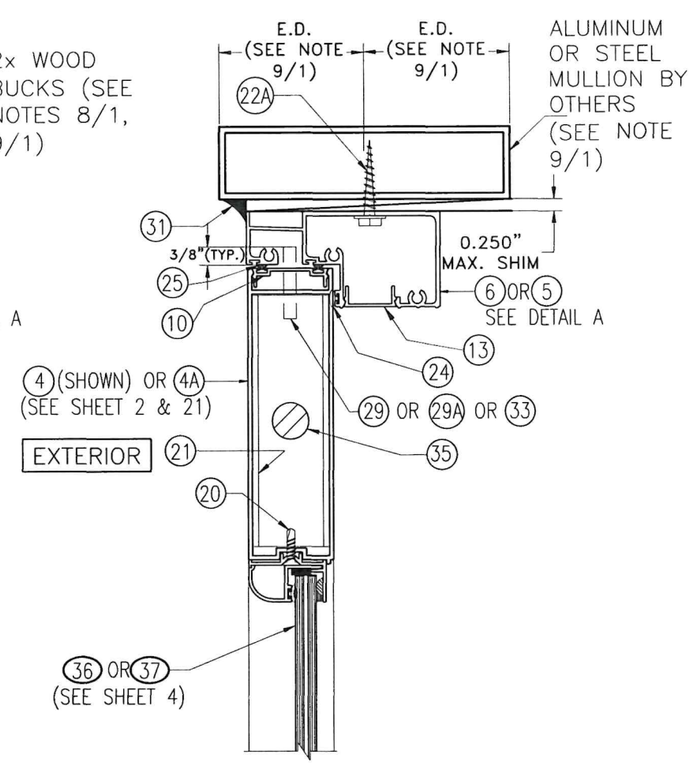


POURED CONCRETE OR CONCRETE BLOCK SUBSTRATE *



DETAIL A (TYP.)

WOOD SUBSTRATE *

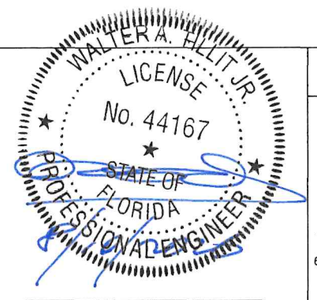


ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *

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.



P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871–1530 . Fax : (305)871–1531
CA–0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

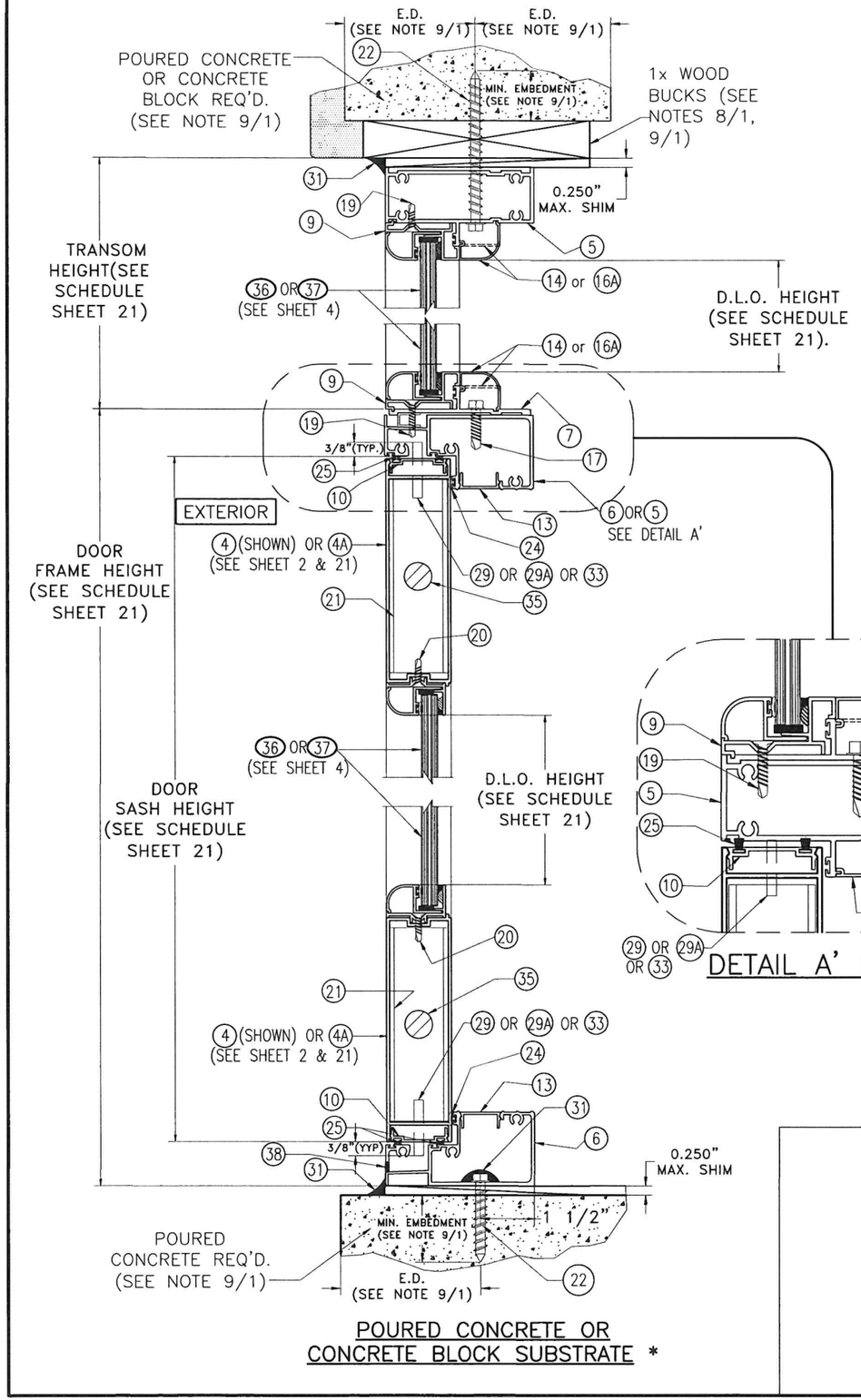
W.H
DRAWN BY:

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222–0427, FAX: (305) 428–3011

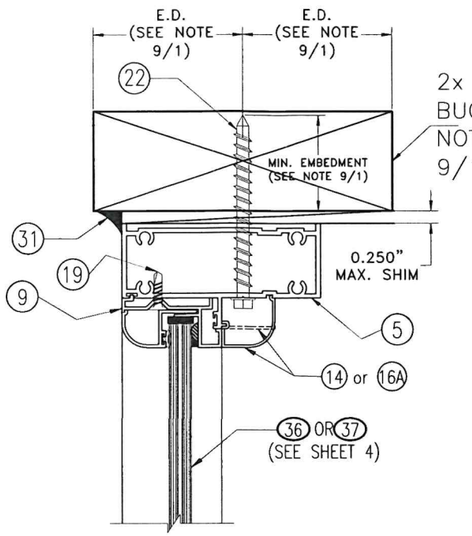
6/30/2026
DATE:

26–115
DRAWING No.

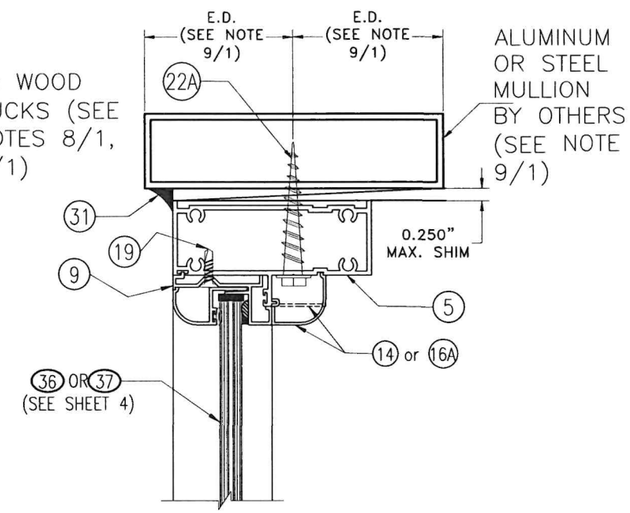
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24–078	6/30/26	3	–	–
2	–	–	4	–	–



POURED CONCRETE OR CONCRETE BLOCK SUBSTRATE *



WOOD SUBSTRATE *



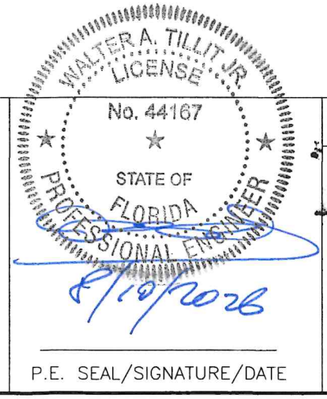
ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *

DETAIL A' (TYP.)

* 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"



P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

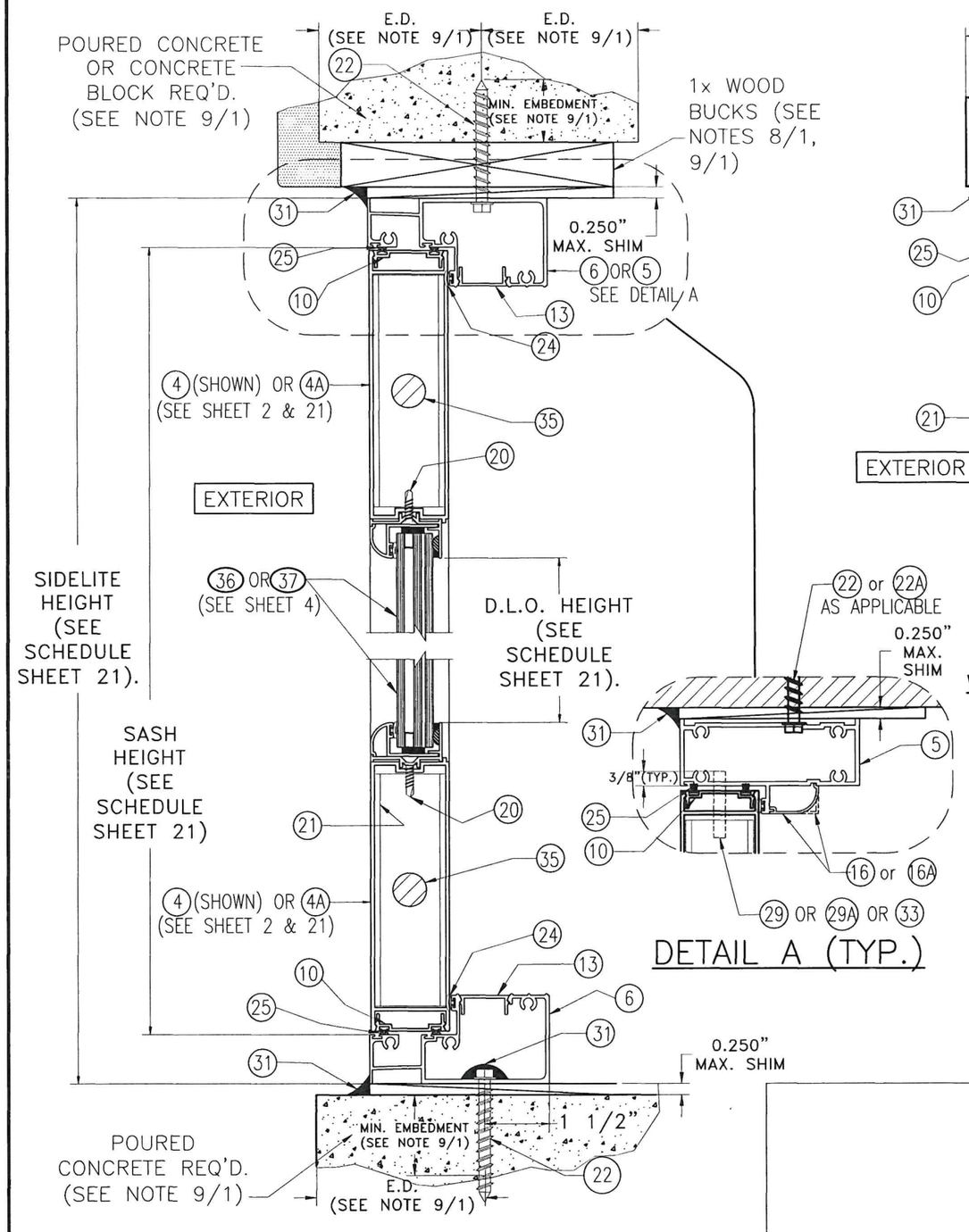
ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	–	–
2	–	–	4	–	–

W.H
DRAWN BY:

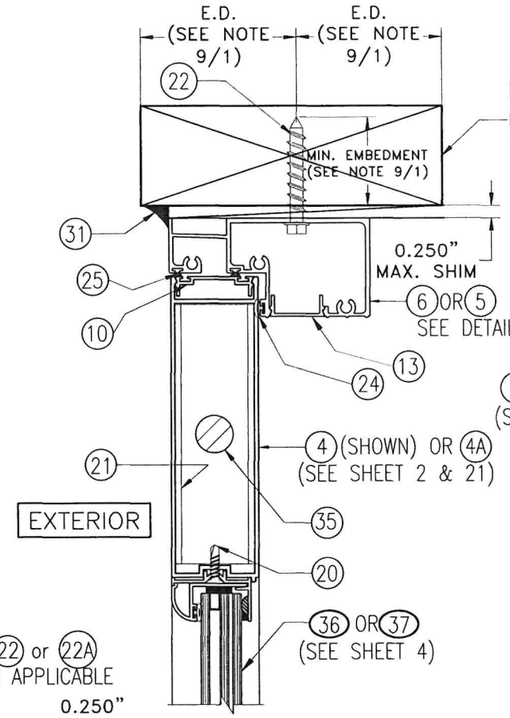
6/30/2026
DATE:

26-115
DRAWING No.

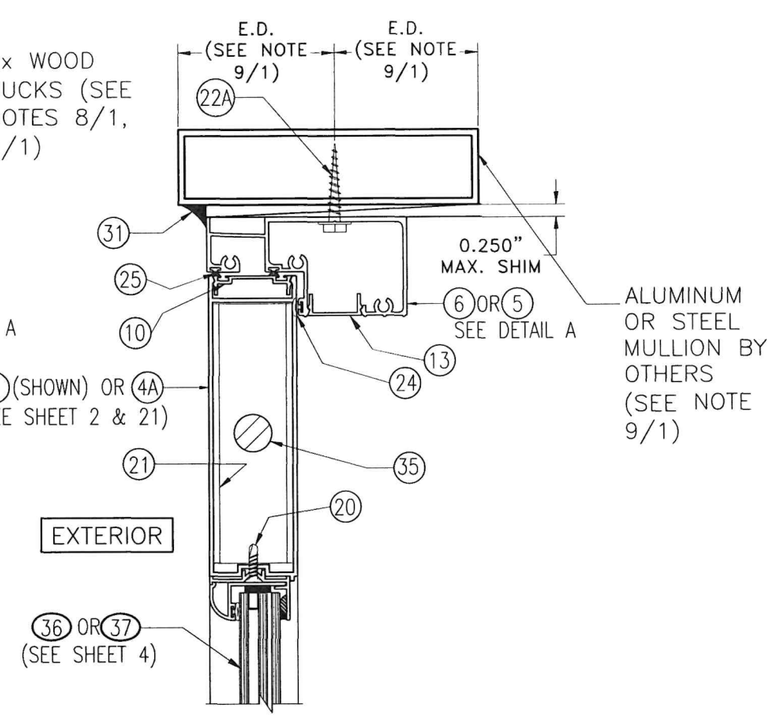


POURED CONCRETE OR CONCRETE BLOCK SUBSTRATE *

DETAIL A (TYP.)



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.



P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871–1530 . Fax : (305)871–1531
CA–0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

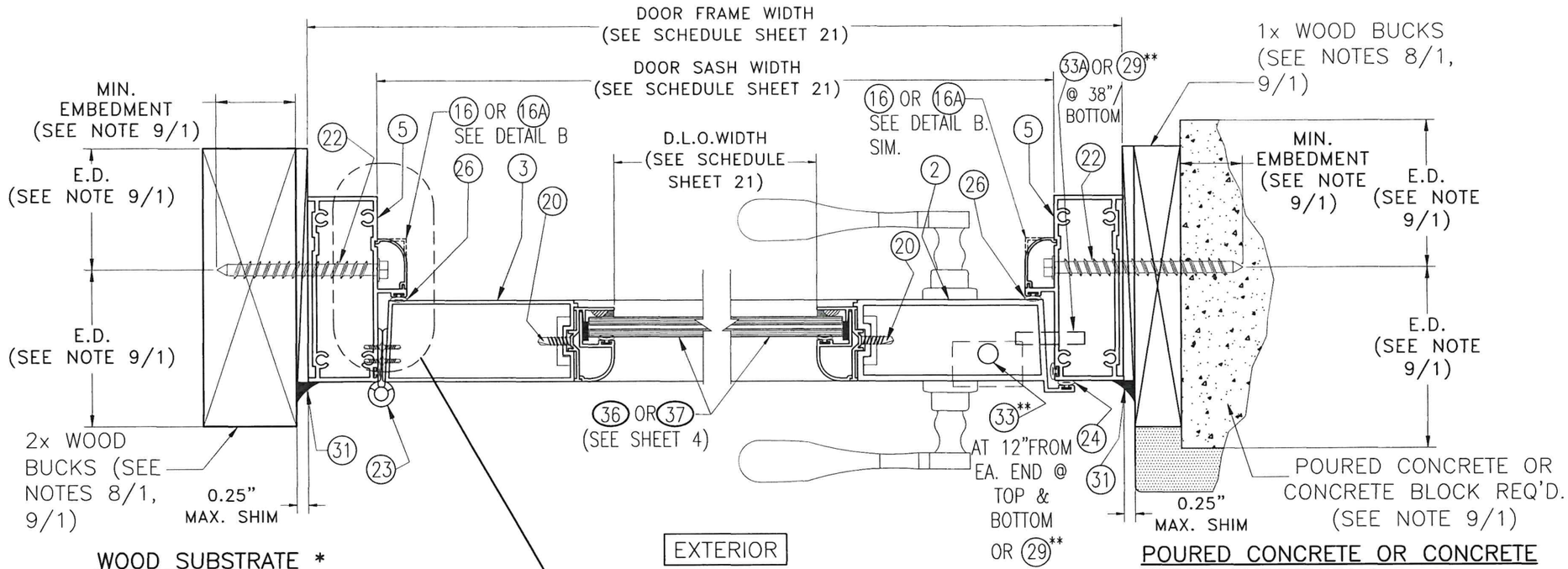
W.H
DRAWN BY:

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222–0427, FAX: (305) 428–3011

6/30/2026
DATE:

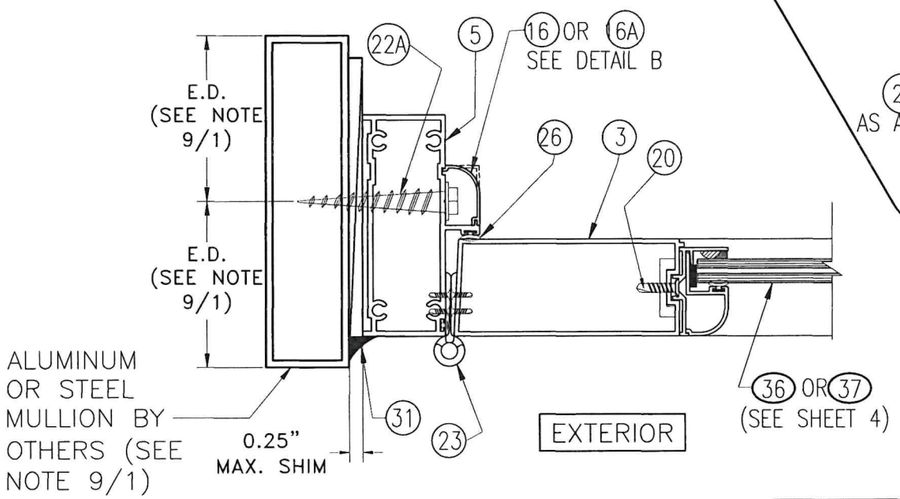
26–115
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24–078	6/30/26	3	–	–
2	–	–	4	–	–

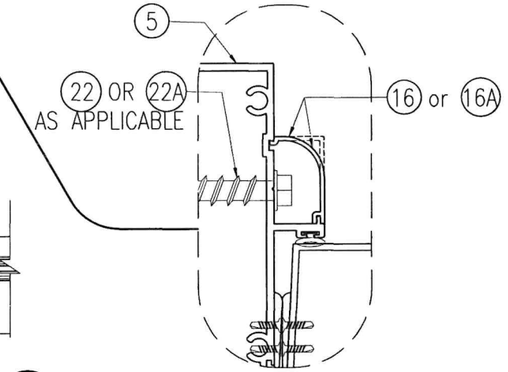


WOOD SUBSTRATE *

POURED CONCRETE OR CONCRETE BLOCK SUBSTRATE *



ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *



DETAIL B (TYP.)

* 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"

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)

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

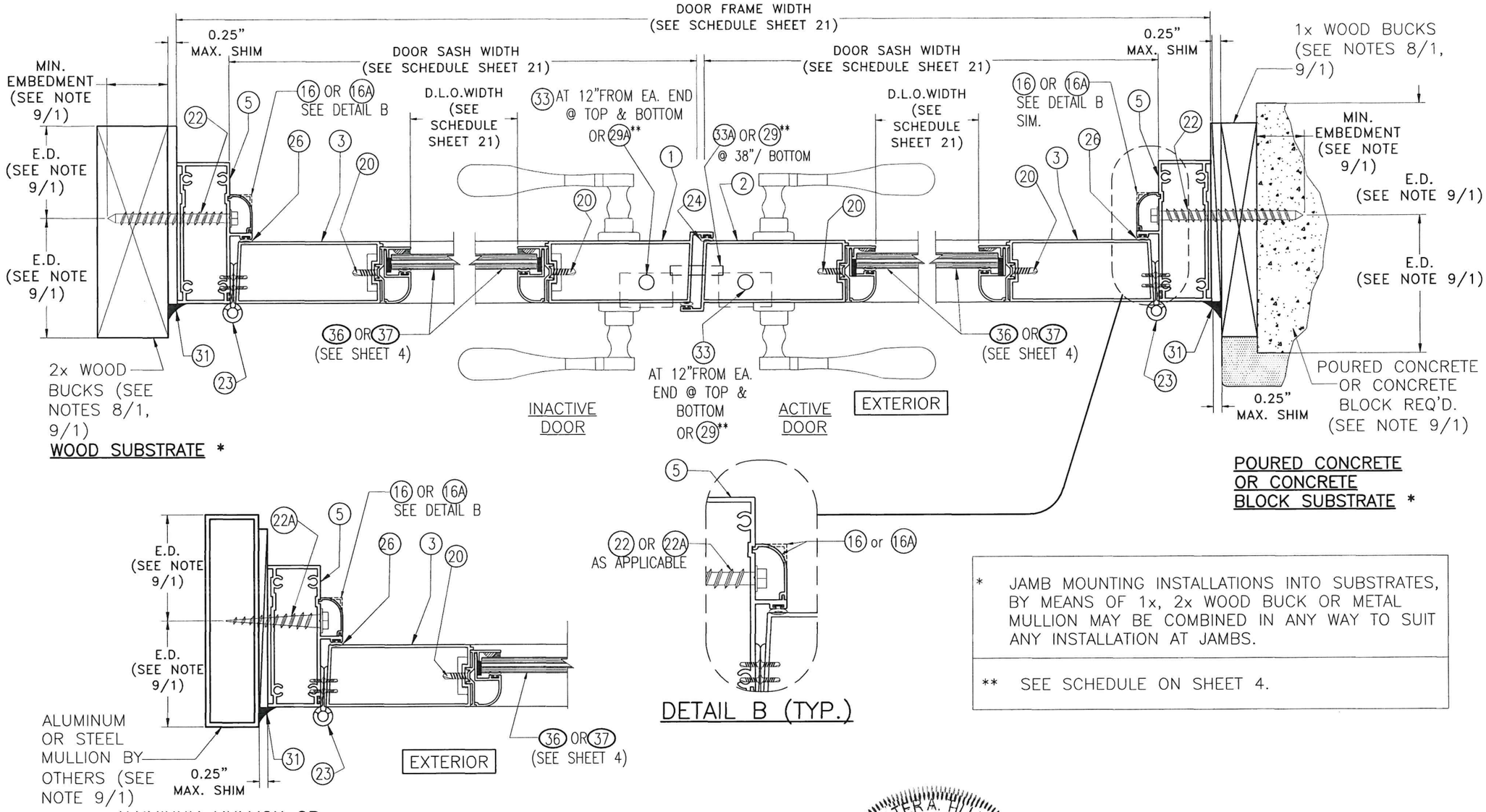
W.H DRAWN BY:

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

6/30/2026 DATE:

26–115 DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	–	–
2	–	–	4	–	–



ALUMINUM MULLION OR
STEEL MEMBER SUBSTRATE *

DETAIL B (TYP.)

* 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 E–E @ DOUBLE DOOR

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)

© 2026 TILTECO, INC.

TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

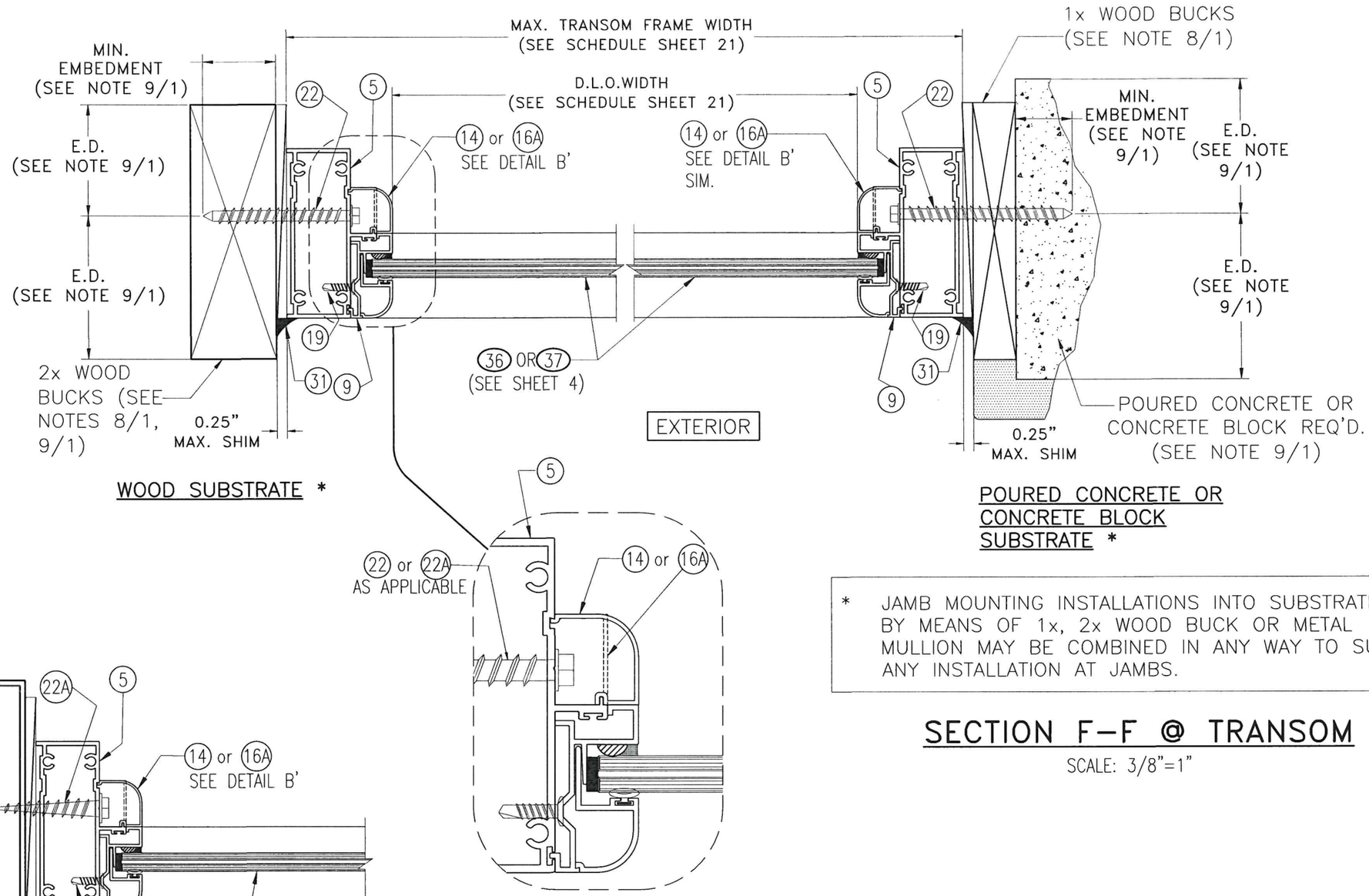
ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	–	–
2	–	–	4	–	–

W.H
DRAWN BY:

6/30/2026
DATE:

26–115
DRAWING No.



WOOD SUBSTRATE *

POURED CONCRETE OR CONCRETE BLOCK SUBSTRATE *

ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *

DETAIL B' (TYP.)

* 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"

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)

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871–1530 . Fax : (305)871–1531
CA–0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

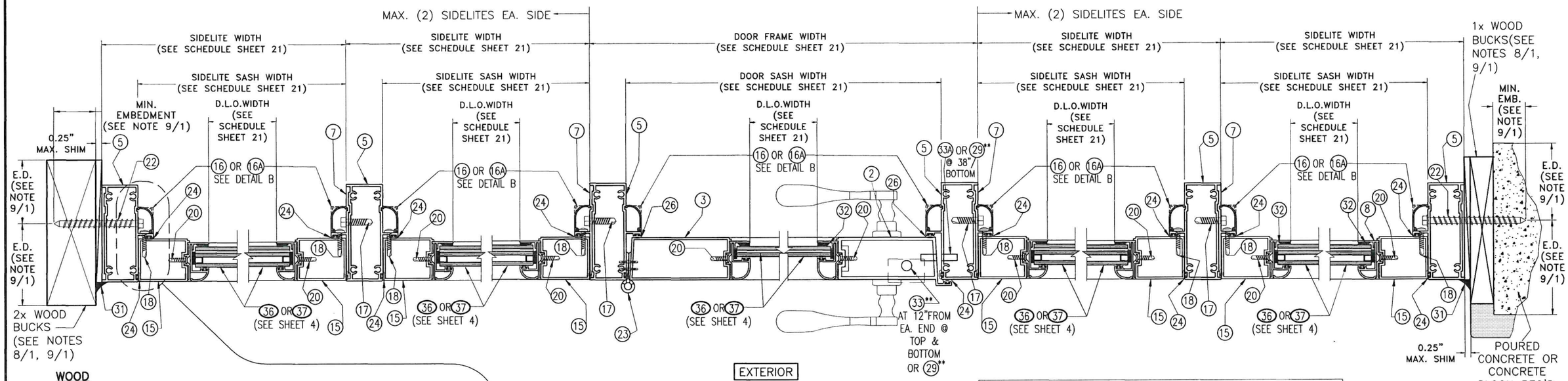
W.H DRAWN BY:

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222–0427, FAX: (305) 428–3011

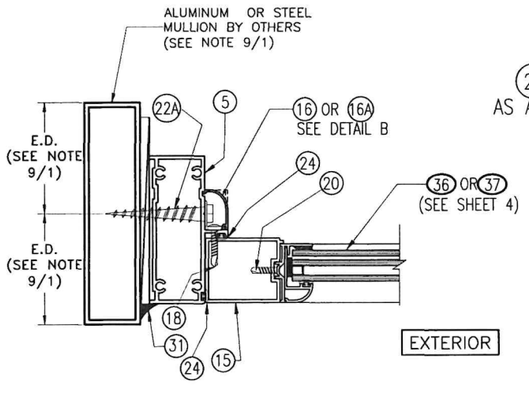
6/30/2026 DATE:

26–115 DRAWING No.

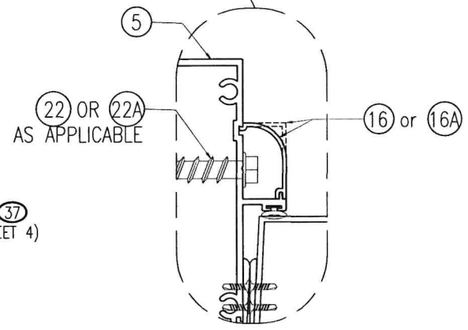
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24–078	6/30/26	3	–	–
2	–	–	4	–	–



WOOD SUBSTRATE *



ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *



DETAIL B (TYP.)

* 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"

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)

© 2026 TILTECO, INC.

TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

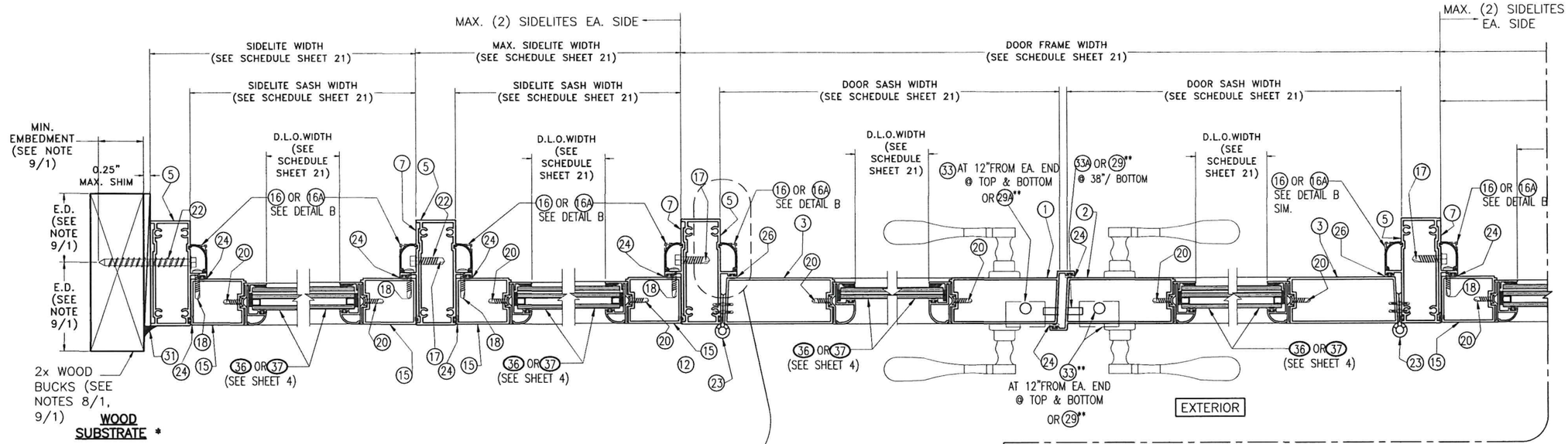
W.H
DRAWN BY:

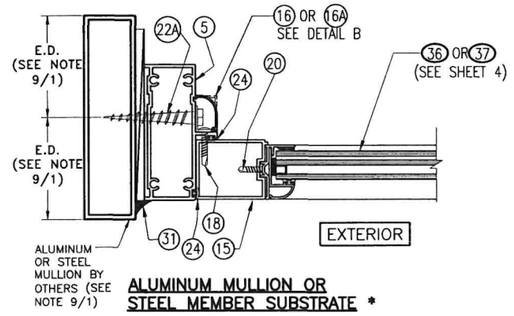
ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

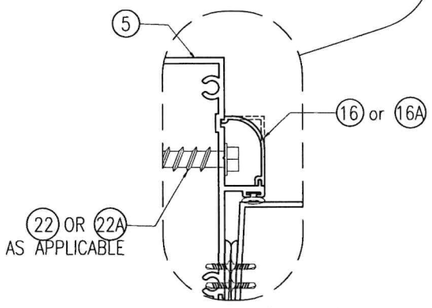
6/30/2026
DATE:

26-115
DRAWING No.

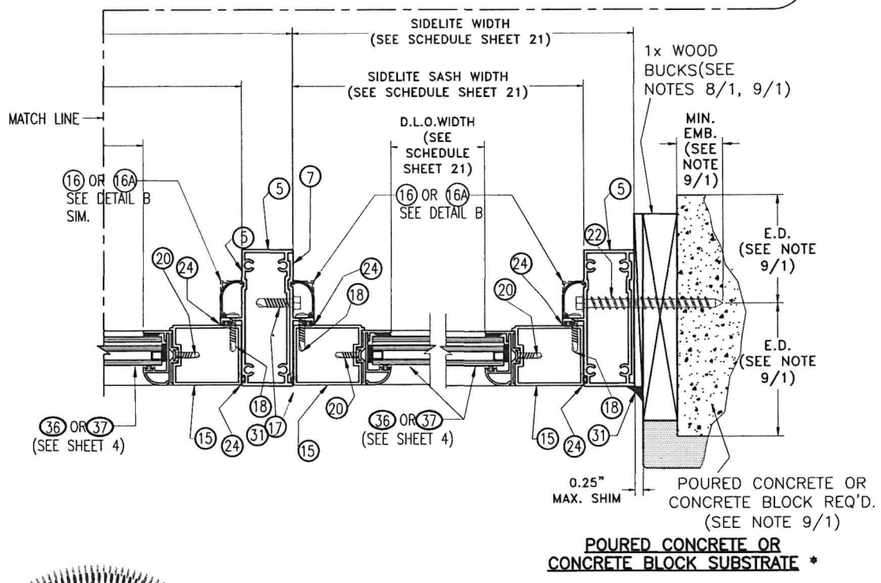
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	–	–
2	–	–	4	–	–







DETAIL B (TYP.)



*	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: N.T.S

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)

© 2026 TILTECO, INC.

TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871–1530 . Fax : (305)871–1531
CA–0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

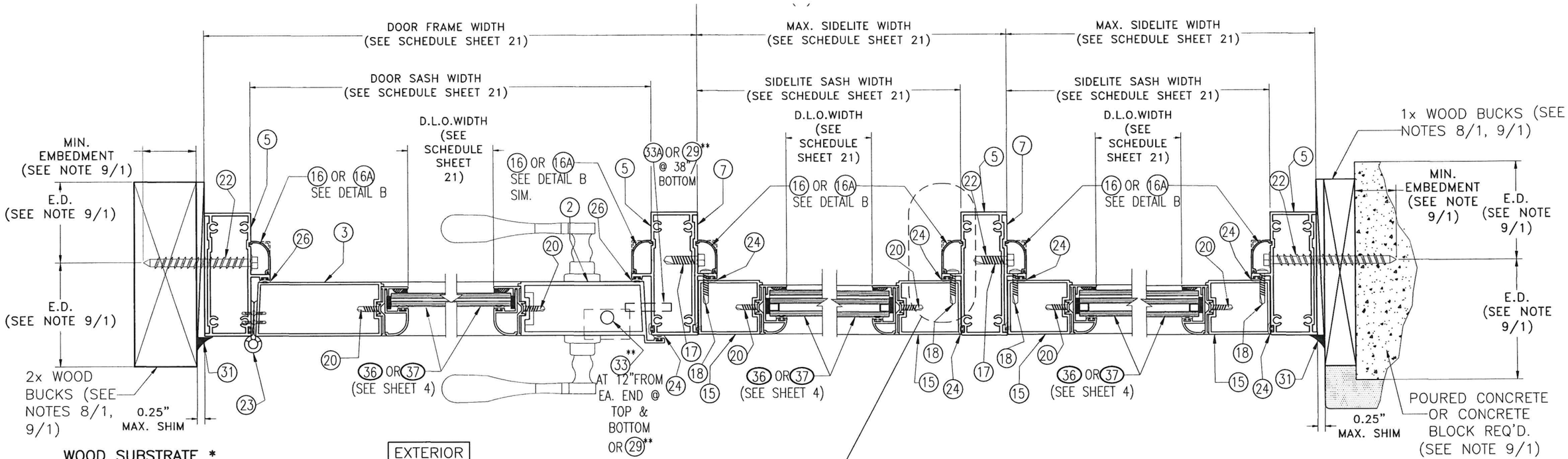
W.H
DRAWN BY:

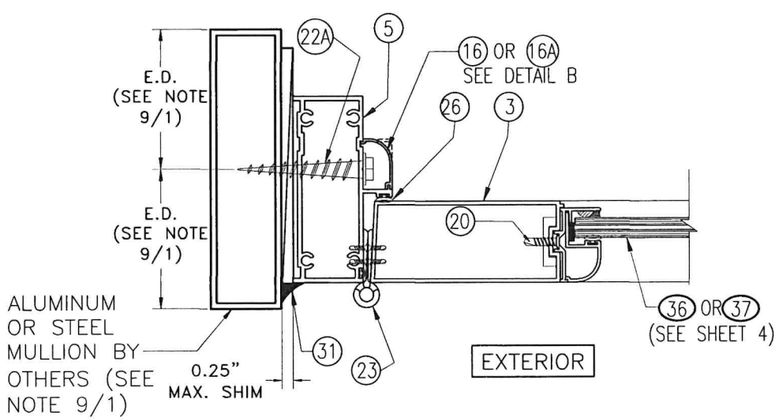
ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222–0427, FAX: (305) 428–3011

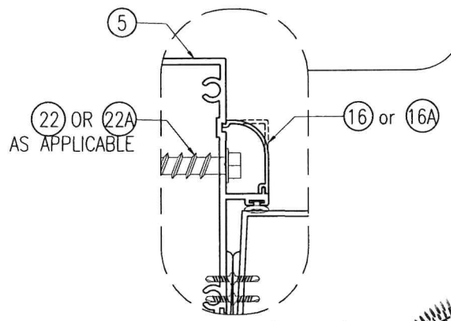
6/30/2026
DATE:

26–115
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24–078	6/30/26	3	–	–
2	–	–	4	–	–







DETAIL B (TYP.)

* 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. HLLIT JR LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER

8/10/2026

P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

TILTECO INC.

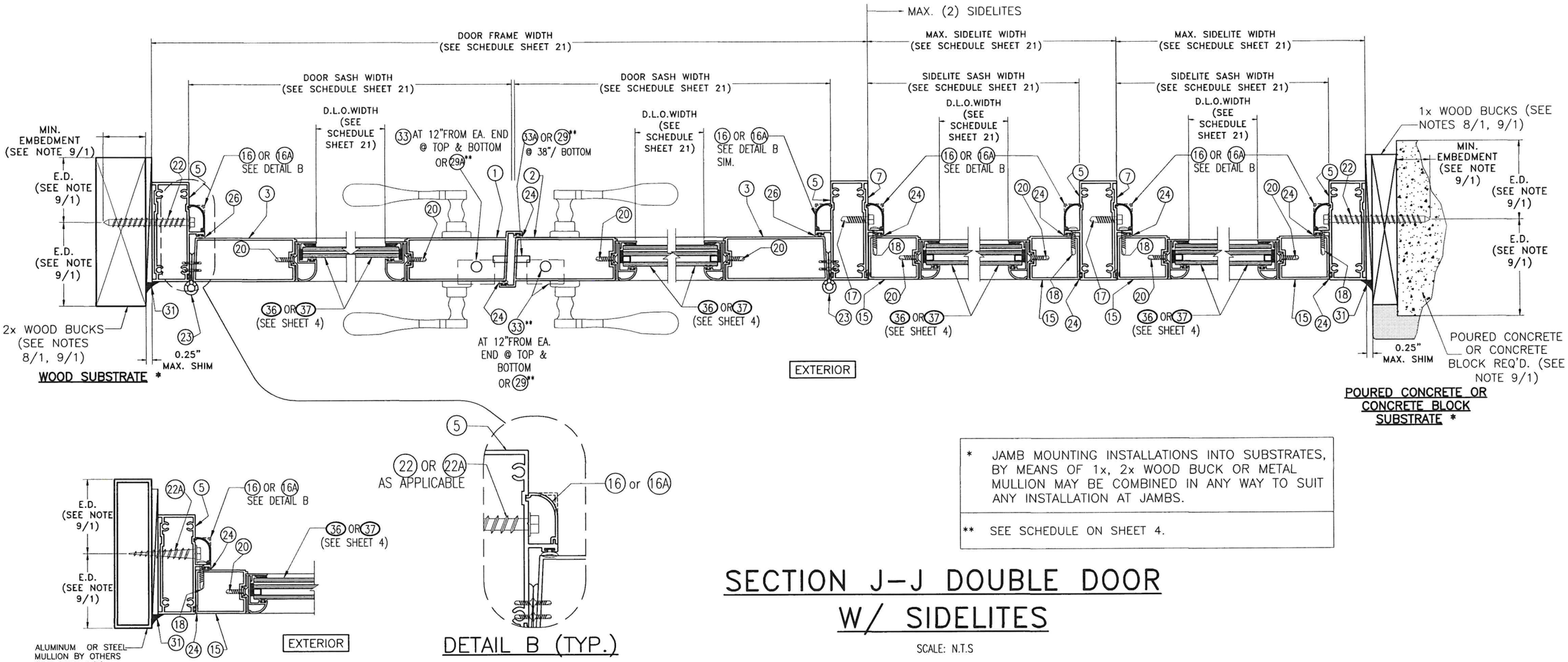
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	–	–
2	–	–	4	–	–

W.H DRAWN BY:
6/30/2026 DATE:
26-115 DRAWING No.
SHEET 19 OF 24



ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE *

DETAIL B (TYP.)

*	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: N.T.S

WALTER A. TILLIT JR LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER
4/10/2026

P.E. SEAL/SIGNATURE/DATE

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

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871–1530 . Fax : (305)871–1531
CA–0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222–0427, FAX: (305) 428–3011

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24–078	6/30/26	3	–	–
2	–	–	4	–	–

W.H
DRAWN BY:

6/30/2026
DATE:

26–115
DRAWING No.

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	DOORS W/ (4)	DOORS W/ (4A)		DOORS W/ (4)	DOORS W/ (4A)		
+45, −45 psf	3'−5 1/2"	6'−8"	10'−0"	9'−8"	3'−2 1/2"	9'−9 1/2"	9'−5 1/2"	2'−4"	8'−8"
+49, −49 psf	3'−5 1/2"	6'−8"	9'−8"	9'−4"	3'−2 1/2"	9'−5 1/2"	9'−1 1/2"	2'−4"	8'−4"
+54, −54 psf	3'−5 1/2"	6'−8"	9'−4"	9'−0"	3'−2 1/2"	9'−1 1/2"	8'−9 1/2"	2'−4"	8'−0"
+57, −57 psf	3'−5 1/2"	6'−8"	9'−0"	8'−8"	3'−2 1/2"	8'−9 1/2"	8'−5 1/2"	2'−4"	7'−8"
+60, −60 psf	3'−5 1/2"	6'−8"	8'−8"	8'−4"	3'−2 1/2"	8'−5 1/2"	8'−1 1/2"	2'−4"	7'−4"
+70, −70 psf	3'−5 1/2"	6'−8"	8'−4"	8'−0"	3'−2 1/2"	7'−7 5/8"	7'−3 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
		DOORS W/ (4)	DOORS W/ (4A)		DOORS W/ (4)	DOORS W/ (4A)		
AT SINGLE DOOR	3'−5 1/2"	8'−4"	8'−0"	3'−2 1/2"	7'−7 5/8"	7'−3 5/8"	2'−4"	7'−0"
AT DOUBLE DOOR	6'−8"	8'−4"	8'−0"	3'−2 1/2"	7'−7 5/8"	7'−3 5/8"	2'−4"	7'−0"
AT SIDELITE	4'−0"	8'−4"	8'−0"	3'−10 1/2"	7'−7 5/8"	7'−3 5/8"	3'−4"	7'−0"
AT SINGLE DOOR TRANSOM	3'−5 1/2"	4'−0"	4'−0"	–	–	–	3'−0 1/2"	3'−7"
AT DOUBLE DOOR TRANSOM	6'−8"	4'−0"	4'−0"	–	–	–	6'−3"	3'−7"

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)

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871−1530 . Fax : (305)871−1531
CA−0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

W.H
DRAWN BY:

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222−0427, FAX: (305) 428−3011

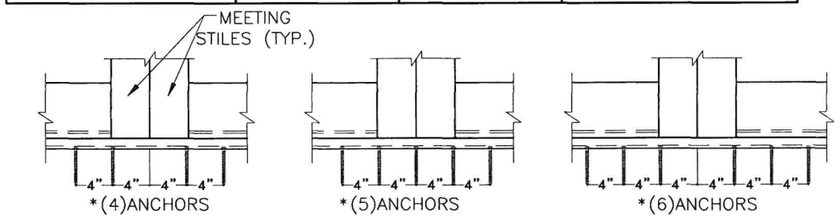
6/30/2026
DATE:

26−115
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24−078	6/30/26	3	–	–
2	–	–	4	–	–

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

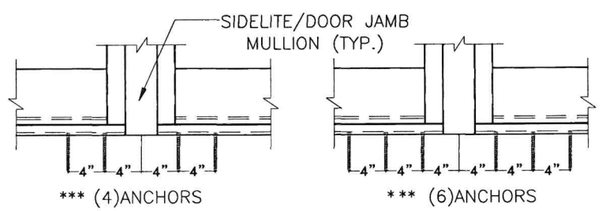


MAXIMUM ANCHOR SPACING "S" & CORRESPONDING ASD DESIGN PRESSURE RATING SCHEDULE AT JAMBS OF DOOR, SIDELITE & TRANSOM

SUBSTRATE	ANCHOR TYPE	A.S.D. DESIGN PRESSURE RATING (psf)	"S"
CONCRETE	1/4"ø ULTRACON+ OR ULTRACON SS4 ANCHOR (22)	+70.0, −70.0	11" O.C.
BLOCK	1/4"ø ULTRACON+ OR ULTRACON SS4 ANCHOR (22)	+70.0, −70.0	11" O.C.
WOOD	1/4"ø ULTRACON+ OR ULTRACON SS4 ANCHOR (22)	+70.0, −70.0	11" O.C.
ALUMINUM TUBE OR STEEL MEMBER	1/4"ø−14 410 SS ITW/BUILDEX TEK SCREW (22A)	+70.0, −70.0	11" O.C.

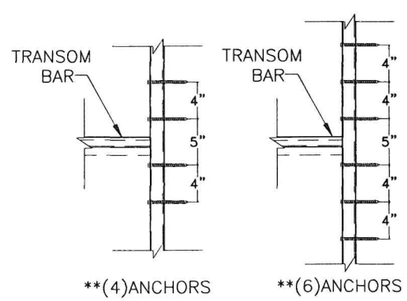
REQ'D NUMBER OF ANCHORS AT HEAD & SILL: CLUSTER OF ANCHORS AT SIDELITE & DOOR JAMB MULLIONS & CORRESPONDING ASD DESIGN PRESSURE RATING ***

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



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



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)

© 2026 TILTECO, INC.

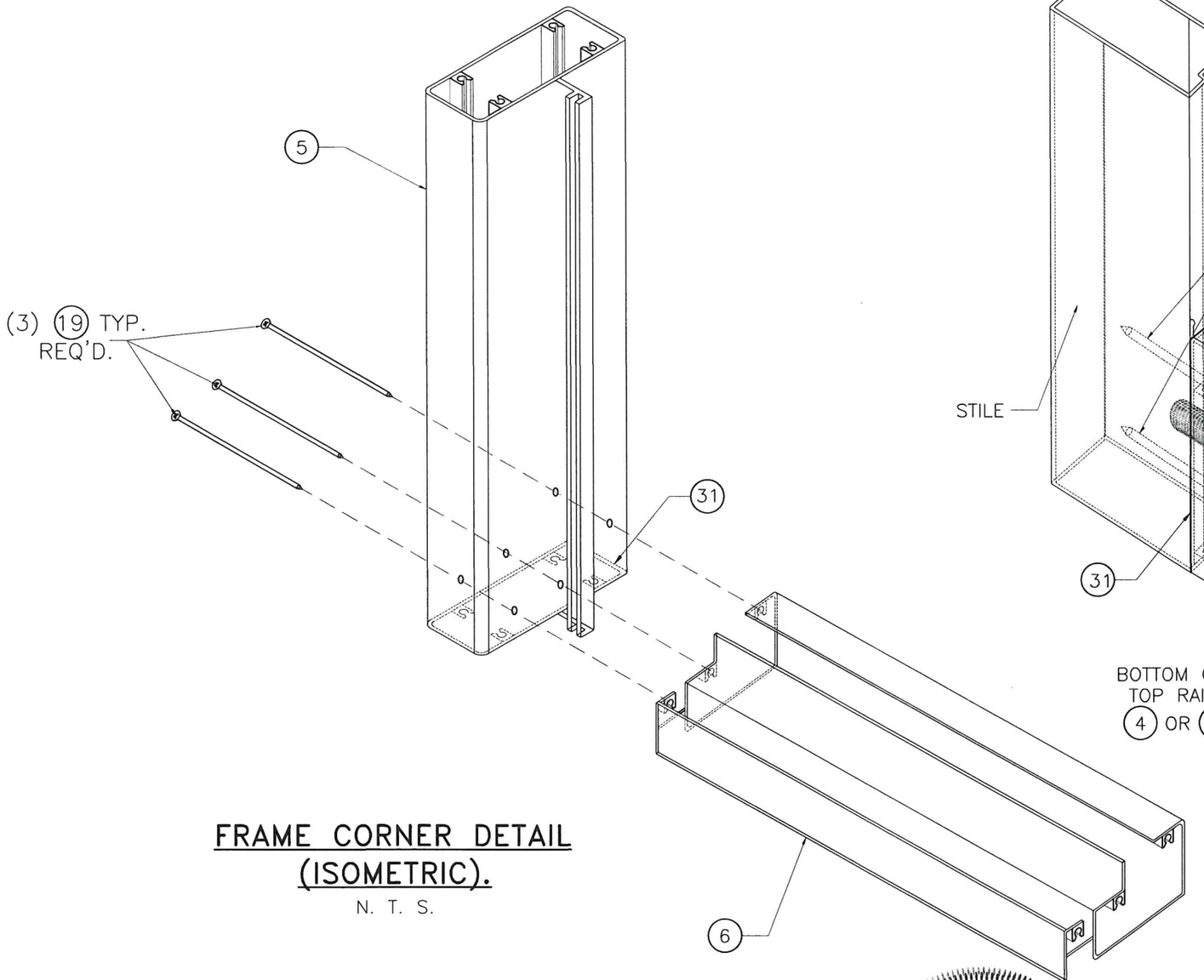
TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871−1530 . Fax : (305)871−1531
CA−0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222−0427, FAX: (305) 428−3011

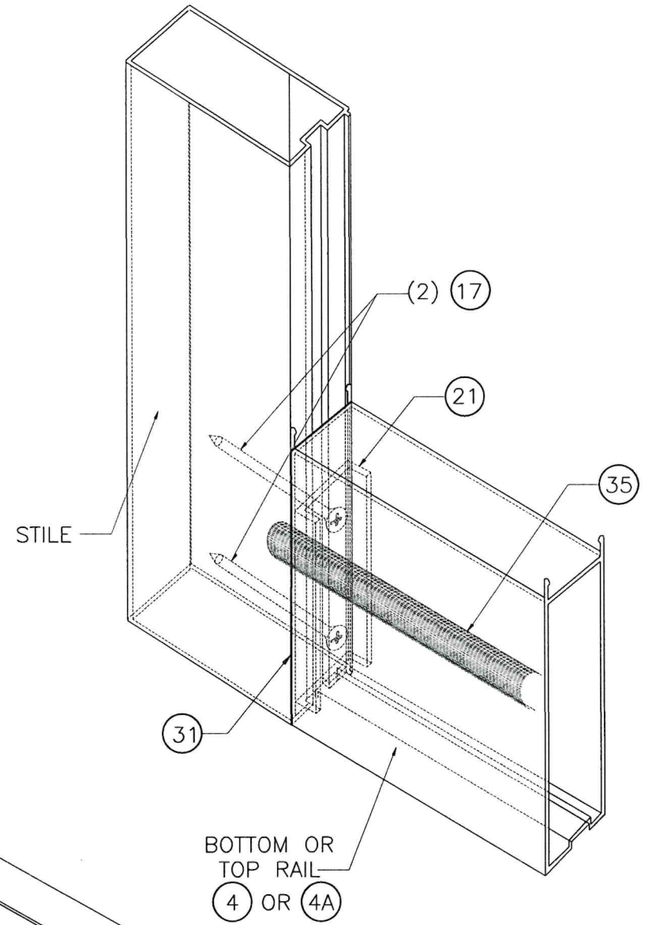
REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24−078	6/30/26	3	−	−
2	−	−	4	−	−

W.H DRAWN BY:
6/30/2026 DATE:
26−115 DRAWING No.



FRAME CORNER DETAIL (ISOMETRIC).

N. T. S.



DOOR PANEL & PANEL CORNER DETAIL (ISOMETRIC).

N. T. S.

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)

© 2026 TILTECO, INC.

TILTECO INC.
TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

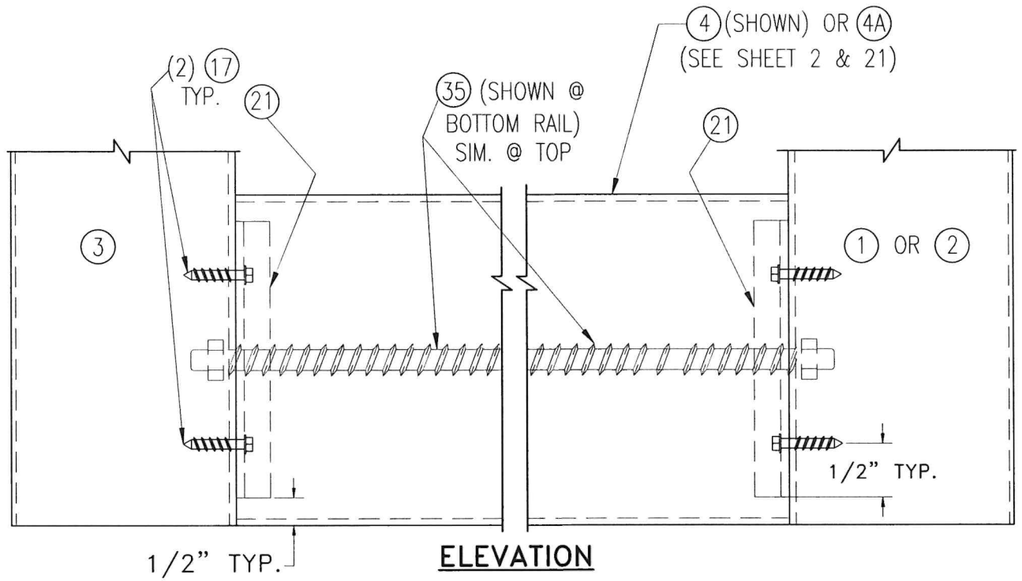
ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	-	-
2	-	-	4	-	-

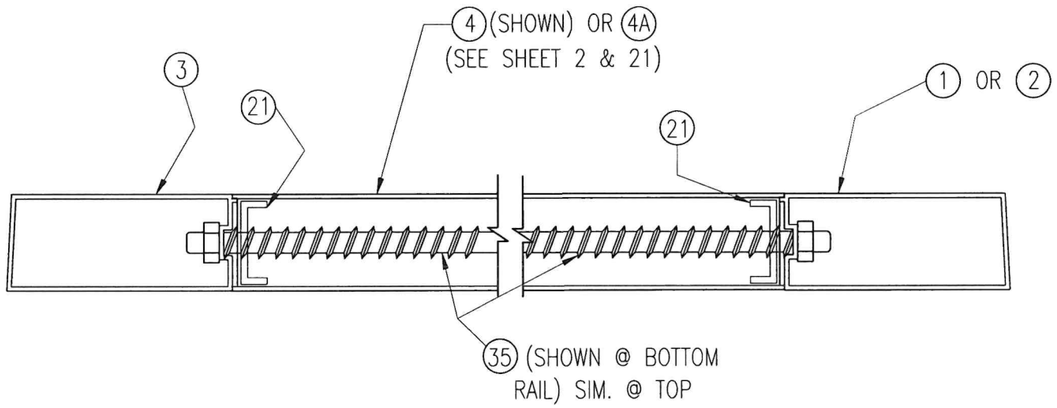
W.H
DRAWN BY:

6/30/2026
DATE:

26-115
DRAWING No.



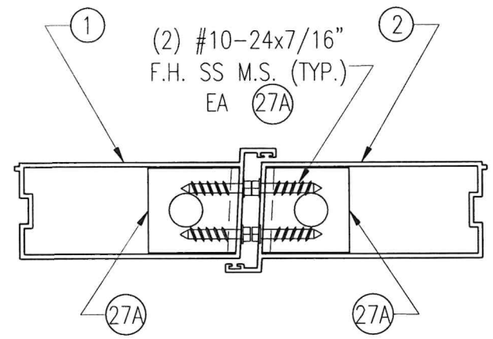
ELEVATION



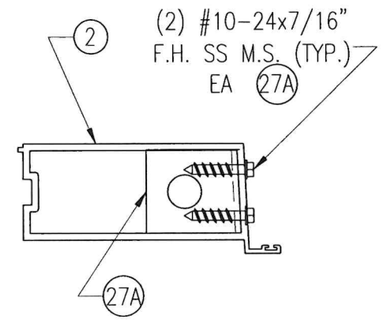
PLAN

DETAIL 1: TOP/BOTTOM RAIL CONNECTION TO STILES

SCALE: N.T.S



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: N.T.S

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)

© 2026 TILTECO, INC.

TILTECO INC.

TILLIT TESTING & ENGINEERING COMPANY
6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, Fl. 33166
Phone : (305)871-1530 . Fax : (305)871-1531
CA-0006719
WALTER A. TILLIT Jr. P.E.
FLORIDA Lic. # 44167

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

W.H
DRAWN BY:

ALUMINEX WINDOWS & DOORS, LLC.
6333 NW 74 AVE.,
MIAMI, FL 33166
PH: (786) 222-0427, FAX: (305) 428-3011

6/30/2026
DATE:

26-115
DRAWING No.

REV. NO	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 24-078	6/30/26	3	-	-
2	-	-	4	-	-