



MIAMI-DADE COUNTY  
PRODUCT CONTROL SECTION

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
BOARD AND CODE ADMINISTRATION DIVISION

11805 SW 26 Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

**Alumina Distribution Center, LLC**

**14475 NW 26<sup>th</sup> Ave  
Opa Locka, FL 33054**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER -Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series ADC-112556 Aluminum Outswing Doors w/wo Transom or Sidelites-L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **17-151**, titled "Series ADC-112556 Aluminum Outswing French Door w/wo Transom or Sidelites", sheets 1 through 24 of 24, dated 08/08/17, with revision 1 dated 08/08/17, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit, Jr., P.E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**Limitations:**

1. See Design Pressure ratings (**DP**) in sheet **21** for single & double doors. See Doors w/ Transom or w/ sidelites VS max frame Height and max frame width in sheet **21**. Lower Design Pressure shall control.
2. The total frame area of alternate sizes must not exceed **122.22 ft<sup>2</sup>** for doors w/ sidelites and **82.22 ft<sup>2</sup>** for double door w/Transom. Frame height for sidelites is **100"** max.
3. Transom and vertical mullions have been analyzed at **49 PSF(ASD)**. See Sheet **22** for anchor schedule.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, Cali, Colombia and series and following statement: "Miami-Dade County Product Control Approved", noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA #17-1102.10** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Sifang Zhao, P.E.**



*S.Z.*  
10/08/2020

NOA No. 20-0124.01  
Expiration Date: October 08, 2025  
Approval Date: October 08, 2020  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA'S**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections
2. Drawing No. 17-151, titled "Series ADC-112556 Aluminum Outswing French Door w/wo Transom or Sidelites", sheets 1 through 24 of 24, dated 08/08/17, with revision 1 dated 08/08/17, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit, Jr., P.E.

**B. TESTS**

1. Test reports on:
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with marked-up drawings and installation diagram of aluminum outswing w/transom and doors w/Sidelites, prepared by Fenestration Testing lab, Inc., Test Report No. **FTL-8131**, dated 01/21/15, signed and sealed by Idalmis Ortega, P. E.

Note: This report has an addendum letter dated AUG 07, 2015, issued by Fenestration Testing

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis complying with FBC-2014 (**5<sup>th</sup> Edition**), dated 03/06/15 and 08/25/15, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit, Jr., P.E.
2. Glazing complies w/ ASTM E-1300-02, -04 and -09.

**D. QUALITY ASSURANCE**

1. Miami Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Sentry Glass ® (Clear and White) Glass Interlayers**", expiring on 07/04/18.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 6th Edition (2017) dated 08/08/17, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit, Jr., P.E.
2. Lab compliance as part of the above referenced test report.

**G. OTHER**

1. Test proposal # 11-1141(revised 07/23/14) approved by Jaime D. Gascon, P.E.
2. Distribution agreement dated 08/14/15 between Grupo Alumina, Colombia (manufacturer) and Aluminum Distribution Center, Opalocka (distributor), signed by Michael Gil, CFO and Mario Callejas, president, respectively on behalf of their companies.



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Sifang Zhao, P.E.  
Product Control Examiner  
NOA No. 20-0124.01

Expiration Date: October 08, 2025  
Approval Date: October 08, 2020

**Alumina Distribution Center, LLC**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**2. NEW EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. None.

**B. TESTS**

1. None.

**C. CALCULATIONS**

1. None.

**D. QUALITY ASSURANCE**

1. Miami Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their “**Trosifol ® Ultraclear, Clear and Color Glass Interlayers**”, expiring on 07/08/24.

**F. STATEMENTS**

1. None.

**G. OTHER**

1. This NOA **renews #17-1102.10**, expiring on 10/08/20.



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Sifang Zhao, P.E.  
Product Control Examiner  
NOA No. 20-0124.01  
Expiration Date: October 08, 2025  
Approval Date: October 08, 2020

GENERAL NOTES:

1. SERIES ADC-112556 ALUMINUM OUTSWING FRENCH DOOR, SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2017 (6th EDITION) OF THE FLORIDA BUILDING CODE. SERIES ADC-112556 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 7-10 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 7-10 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.A.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.

THIS DOOR'S ADEQUACY FOR IMPACT AND WIND RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 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 SECTION 1616 OF THE FLORIDA BUILDING 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 ADC-112556 ALUMINUM OUTSWING FRENCH DOOR WILL NOT REQUIRE A HURRICANE PROTECTION DEVICE.

5. THIS SERIES ADC-112556 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  $F_y=25.0$  ksi MINIMUM. THE THICKNESS OF ALL EXTRUSIONS SHALL BE AS SHOWN ON THIS DRAWING.

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 SECTION 2411.3.3.4.

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 TAPCON 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 TAPCON 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 TAPCON 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 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 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 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.A.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.A.D.

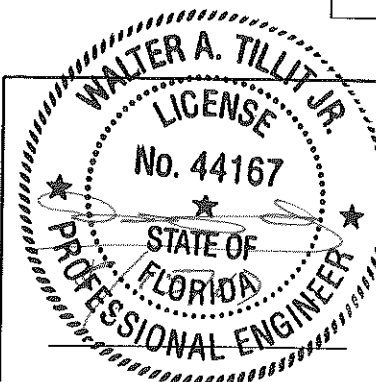
(d) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.A.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT. CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

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


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

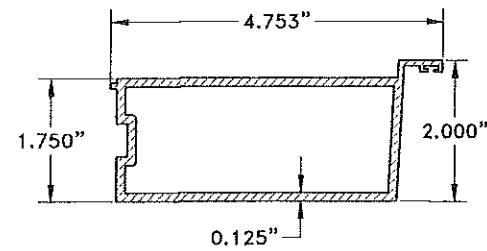
THIS DRAWING SHALL ONLY BE USED TO OBTAIN PERMITS IN THE STATE OF FLORIDA

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
NOA-No. 20-0124.01  
Expiration Date October 08, 2025  
By   
Miami-Dade Product Control

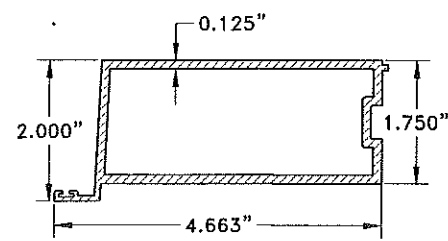


P.E. SEAL/SIGNATURE/DATE

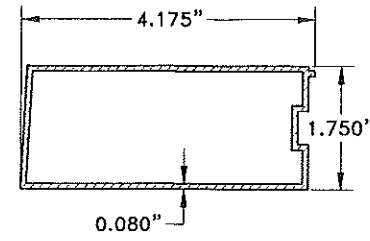
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2017 TILTECO, INC			SERIES ADC-112556 ALUMINUM OUTSWING FRENCH DOOR W/wo TRANSOM OR SIDELITES		DRAWN BY L.C.
			ALUMINA DISTRIBUTION CENTER		08/08/17 DATE
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th, St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT Jr., P.E. FLORIDA Lic. # 44167			14475 NW 26 th AVE. OPA-LOCKA, FL. 33054-3121		17-151 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
					SHEET 1 OF 24



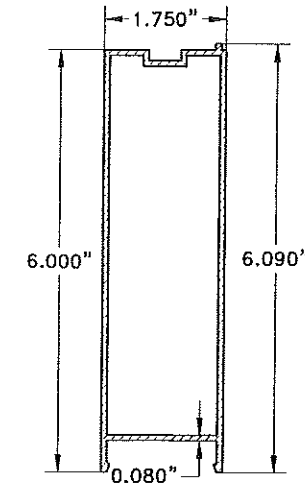
**1 INACTIVE LOCK STILE**  
6063-T6 ALLOY



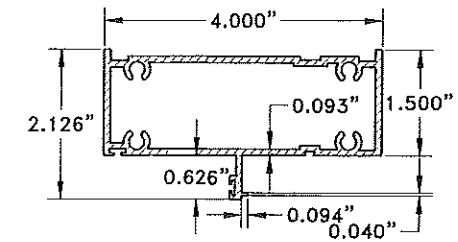
**2 ACTIVE LOCK STILE**  
6063-T6 ALLOY



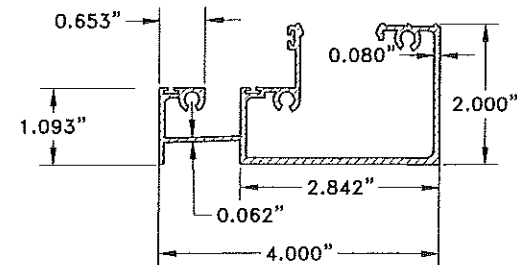
**3 HINGE & LOCK STILE**  
6063-T6 ALLOY



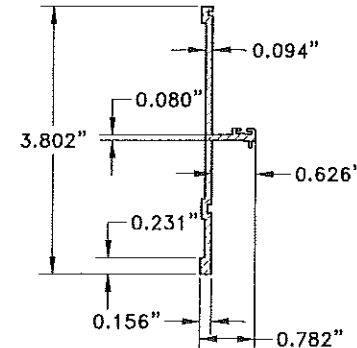
**4 TOP & BOTTOM RAIL**  
6063-T6 ALLOY



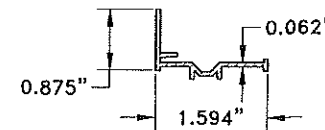
**5 FRAME HEAD & JAMB  
SIDELITE & HEAD DOOR**  
6063-T6 ALLOY



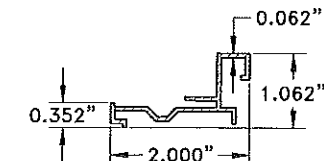
**6 SILL & HEAD FRAME  
DOOR & SIDELITE**  
6063-T6 ALLOY



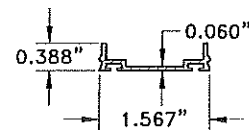
**7 SIDELITE JAMB & TRANSOM INSERT**  
6063-T6 ALLOY



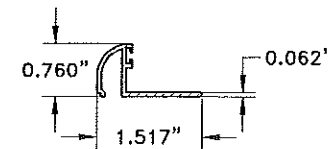
**8 GLAZING ADAPTER FOR LAMINATED  
& LAMINATED-INSULATED GLASS**  
6063-T6 ALLOY



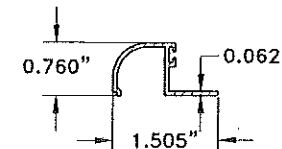
**9 GLAZING ADAPTER SIDELITE & TRANSOM FOR  
LAMINATED & LAMINATED-INSULATED GLASS**  
6063-T6 ALLOY



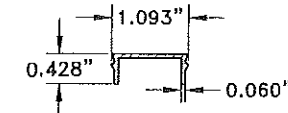
**10 WEATHER STRIP ADAPTER**  
6063-T6 ALLOY



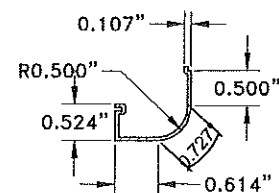
**11 GLAZING BEAD  
LAMINATED-INSULATED - 13/16"**



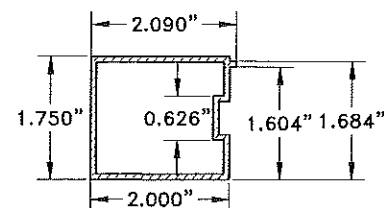
**12 GLAZING BEAD FOR  
LAMINATED GLASS - 7/16"**  
6063-T6 ALLOY



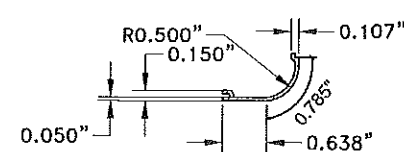
**13 HEAD & SILL COVER PLATE**  
6063-T6 ALLOY



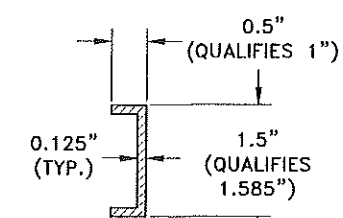
**14 SCREW COVER FOR TRANSOM**  
6063-T6 ALLOY



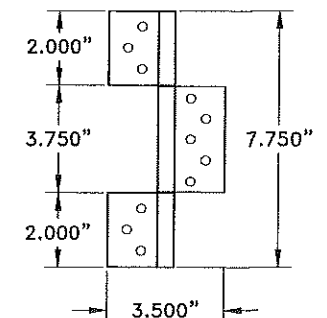
**15 STILE FOR SIDELITE PANEL**  
6063-T6 ALLOY



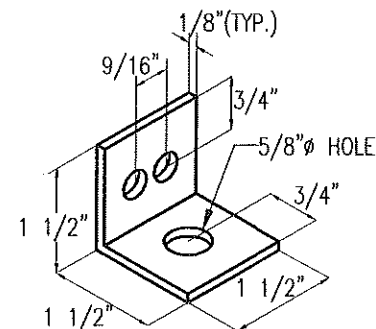
**16 SCREW COVER FOR DOOR JAMB,  
DOOR HEAD & SIDELITE JAMB**  
6063-T6 ALLOY



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

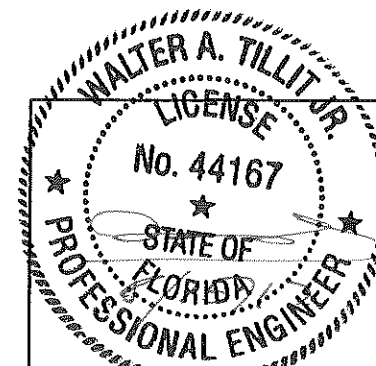


**23 EXTRUDED HINGES**  
6063-T6 ALLOY



**27A SHOOT BOLT GUIDE**  
6063-T6 ALUMINUM ANGLE


**COMPONENTS**  
SCALE: 3/8"=1"

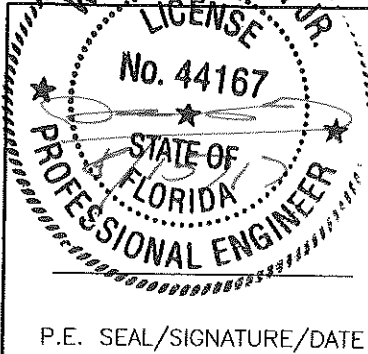


P.E. SEAL/SIGNATURE/DATE


FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2017 TILTECO, INC.			SERIES ADC-112556 ALUMINUM OUTSWING FRENCH DOOR W/WO TRANSOM OR SIDELITES		DRAWN BY L.C.
<b>TILTECO INC.</b> TILLIT TESTING & ENGINEERING COMPANY 8355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			<b>ALUMINA DISTRIBUTION CENTER</b> 14475 NW 26 th AVE. OPA-LOCKA, FL. 33054-3121		08/08/17 DATE
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
					17-151 DRAWING No
					SHEET 2 OF 24

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, JOINS RAILS W/ STILES + <sup>(35)</sup>	6063-T6
22	TAPCON (ITW/BUILDEX) 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" SCREWS PER PANEL & TWIN BOLT LOCK W/ (1) #8-32 x 7/16" SCREW PER PANEL		
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)	

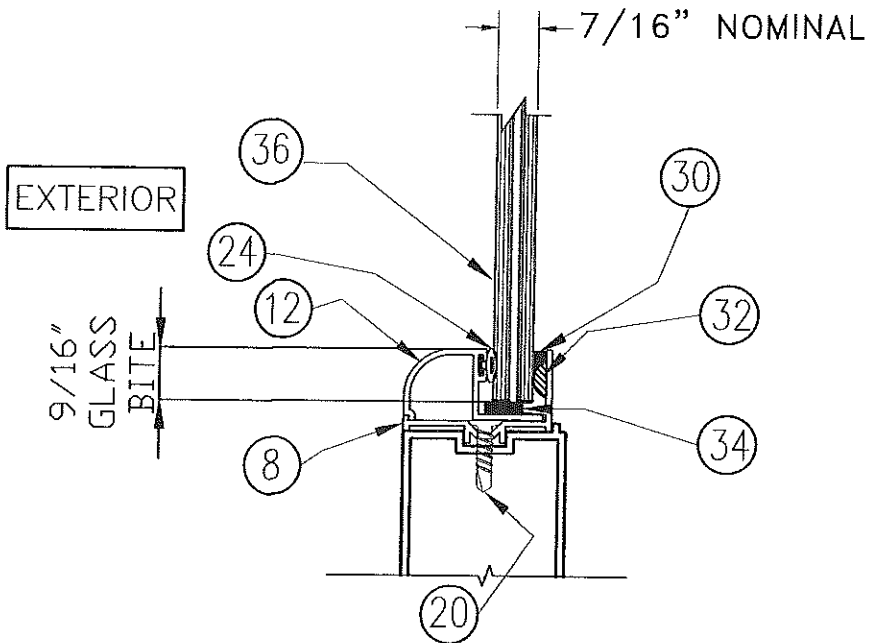
**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0124.01  
Expiration Date October 08, 2025  
By   
Miami-Dade Product Control



P.E. SEAL/SIGNATURE/DATE

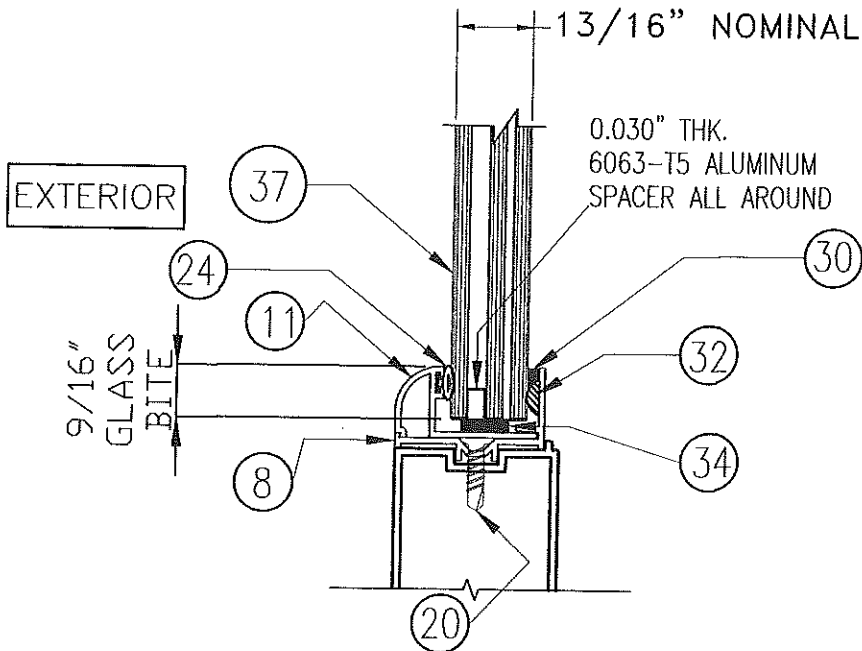
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)			
©2017 TILTECO, INC.		SERIES ADC-112556 ALUMINUM OUTSWING FRENCH DOOR W/wo TRANSOM OR SIDELITES	
 TILLIT TESTING & ENGINEERING COMPANY 8355 N.W. 36th, St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167		ALUMINA DISTRIBUTION CENTER 14475 NW 26 th AVE. OPA-LOCKA, FL. 33054-3121	
DRAWN BY L.C.		08/08/17 DATE	
17-151 DRAWING No		SHEET 3 OF 24	
REV. No	DESCRIPTION	DATE	REV. No
1	OLD 15-250	08/08/17	3
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"

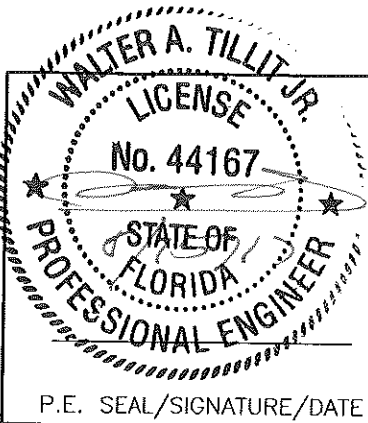


GLAZING DETAIL 2  
AT (37)

SCALE: 1/2"=1"

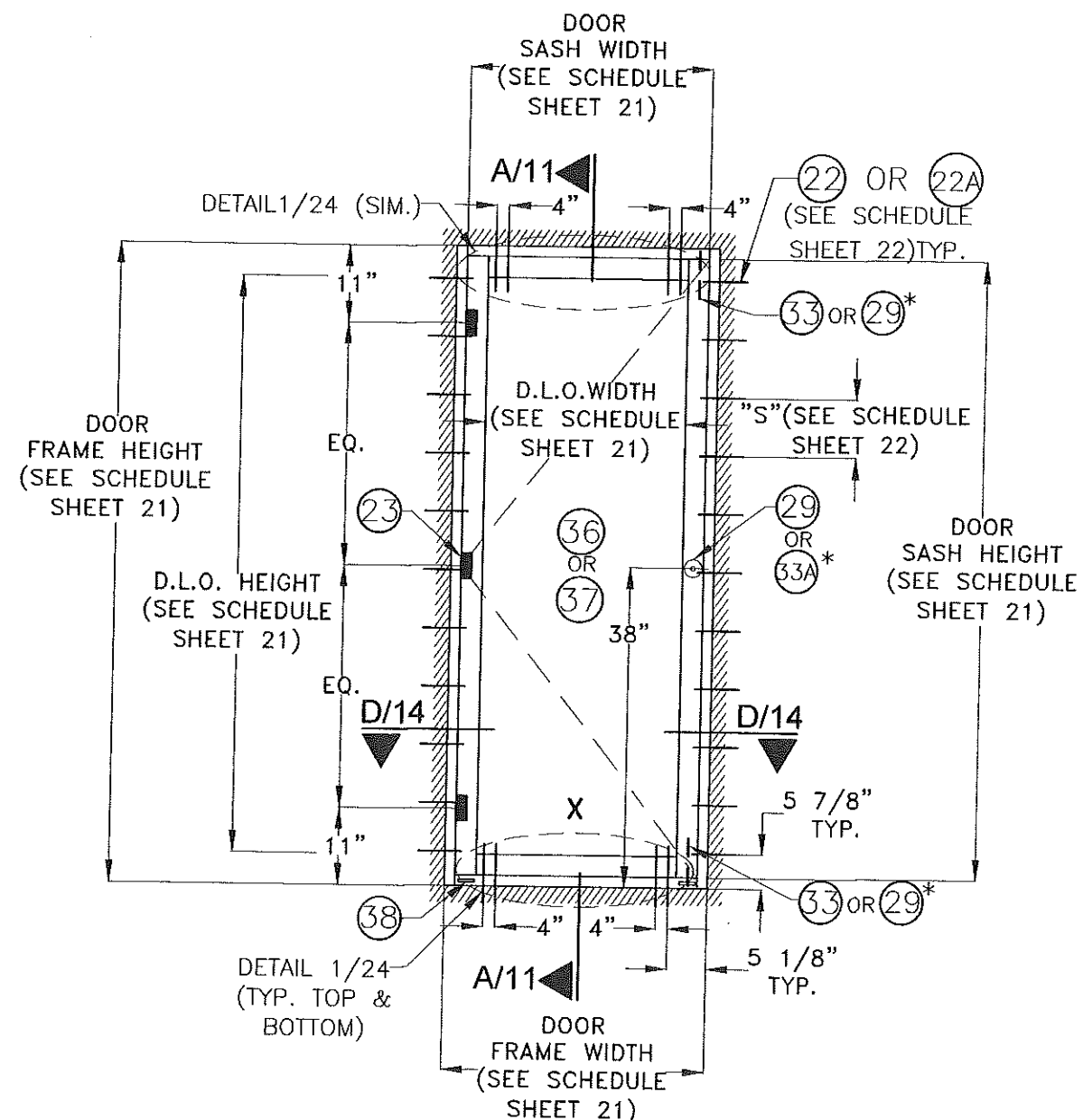
HARDWARE SCHEDULE						
OPTION #1	REQ'D HARDWARE AT DOUBLE DOORS				REQ'D HARDWARE AT SINGLE DOORS	
	AT ACTIVE DOOR		AT INACTIVE DOOR			
1	TOP / BOTTOM :	ⓉⓉ	TOP / BOTTOM :	ⓉⓉ	TOP / BOTTOM :	ⓉⓉ
	AT 38" FROM BOTTOM :	ⓉⓉA	AT 38" FROM BOTTOM :	N/A	AT 38" FROM BOTTOM :	ⓉⓉA
2	TOP / BOTTOM :	ⓉⓉ	TOP / BOTTOM :	ⓉⓉA	TOP / BOTTOM :	ⓉⓉ
	AT 38" FROM BOTTOM :	ⓉⓉ	AT 38" FROM BOTTOM :	N/A	AT 38" FROM BOTTOM :	ⓉⓉ

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NOA-No. 20-0124.01  
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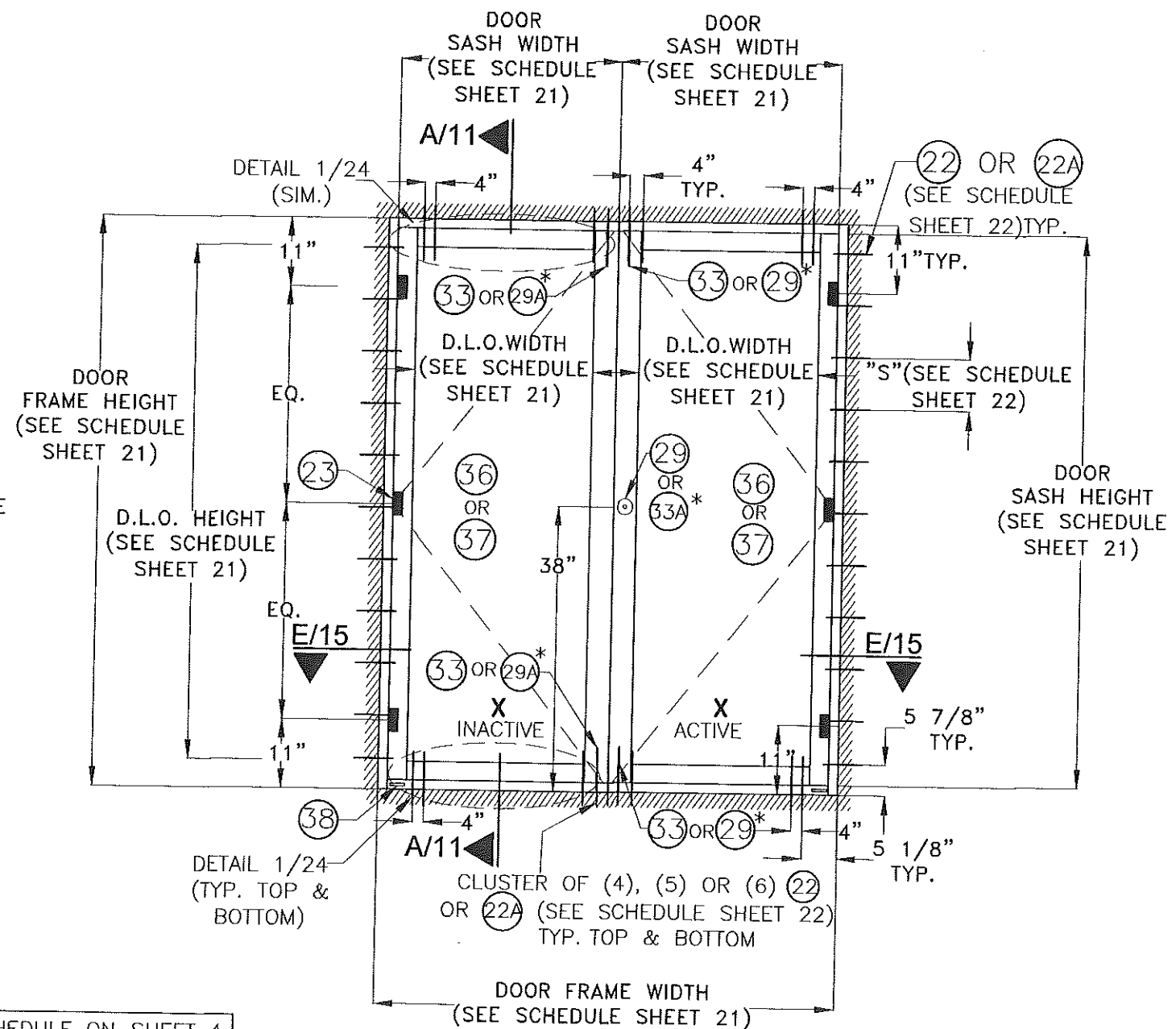
P.E. SEAL/SIGNATURE/DATE

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TILTECO INC. TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33165 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tiltco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			ALUMINA DISTRIBUTION CENTER 14475 NW 26 th AVE. OPA-LOCKA, FL. 33054-3121		08/08/17 DATE
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
17-151 DRAWING No					SHEET 4 OF 24



TYPICAL EXTERIOR ELEVATION  
SINGLE DOOR

\* SEE SCHEDULE ON SHEET 4



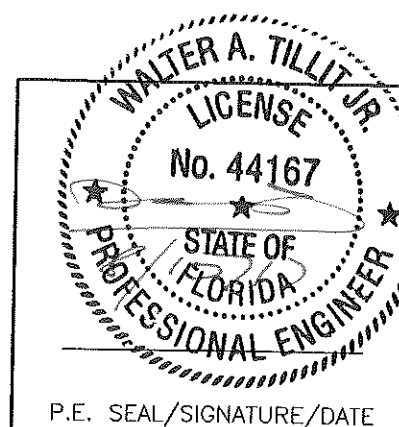
TYPICAL EXTERIOR ELEVATION  
DOUBLE DOOR

**PRODUCT RENEWED**  
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**Expiration Date** October 08, 2025

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

$$3/8'' = 1' - 0''$$


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**TILIT TESTING & ENGINEERING COMPANY**

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e-mail: [Tilteco@aol.com](mailto:Tilteco@aol.com)

EB-0006719

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

FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)

SERIES ADC-112556 ALUMINUM OUTSWING FRENCH DOOR W/WO TRANSOM OR SIDELITES	
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ALUMINA DISTRIBUTION CENTER

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33054-3121

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L.C.

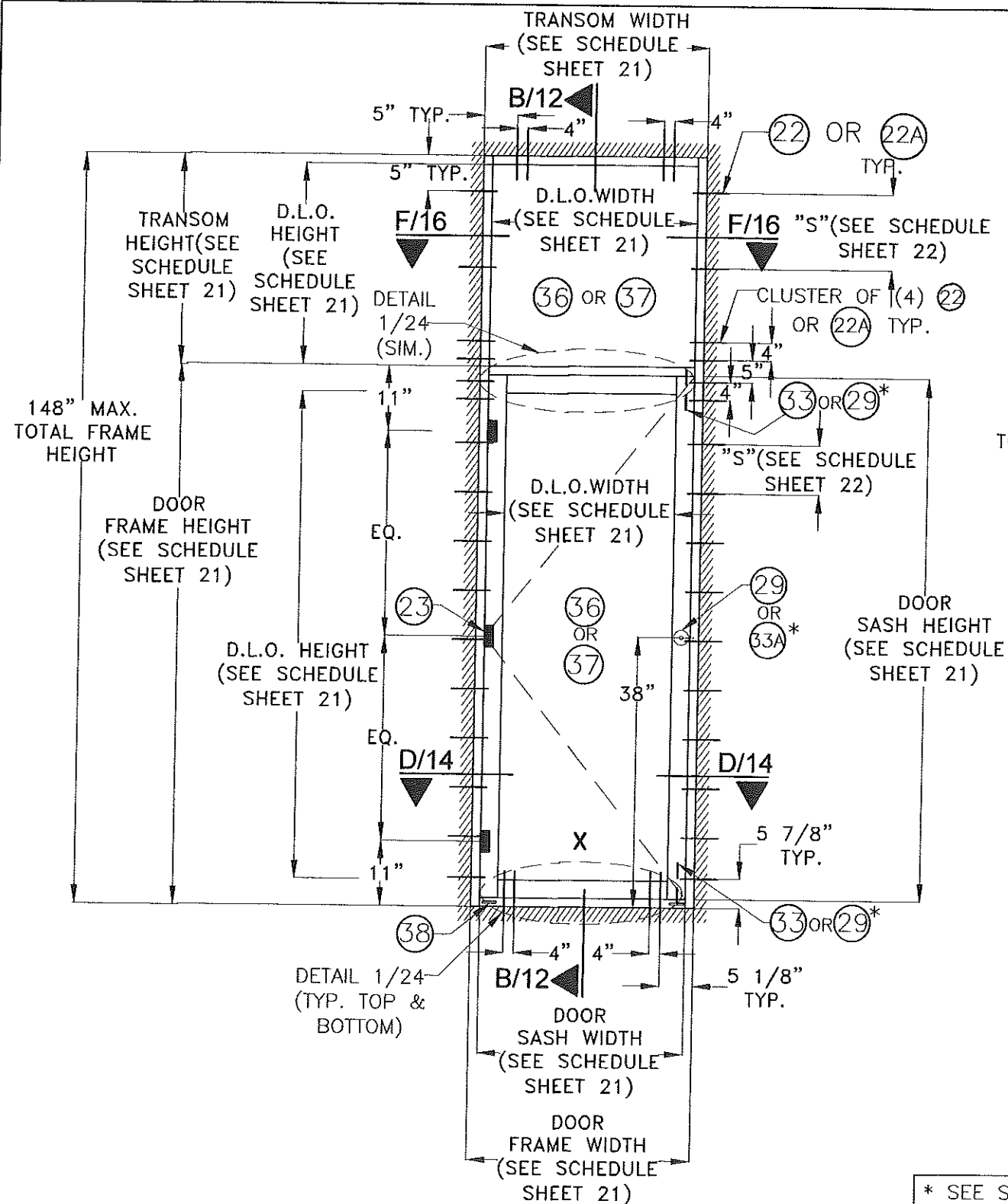
08/08/17  
DATE

7-151  
DRAWING No

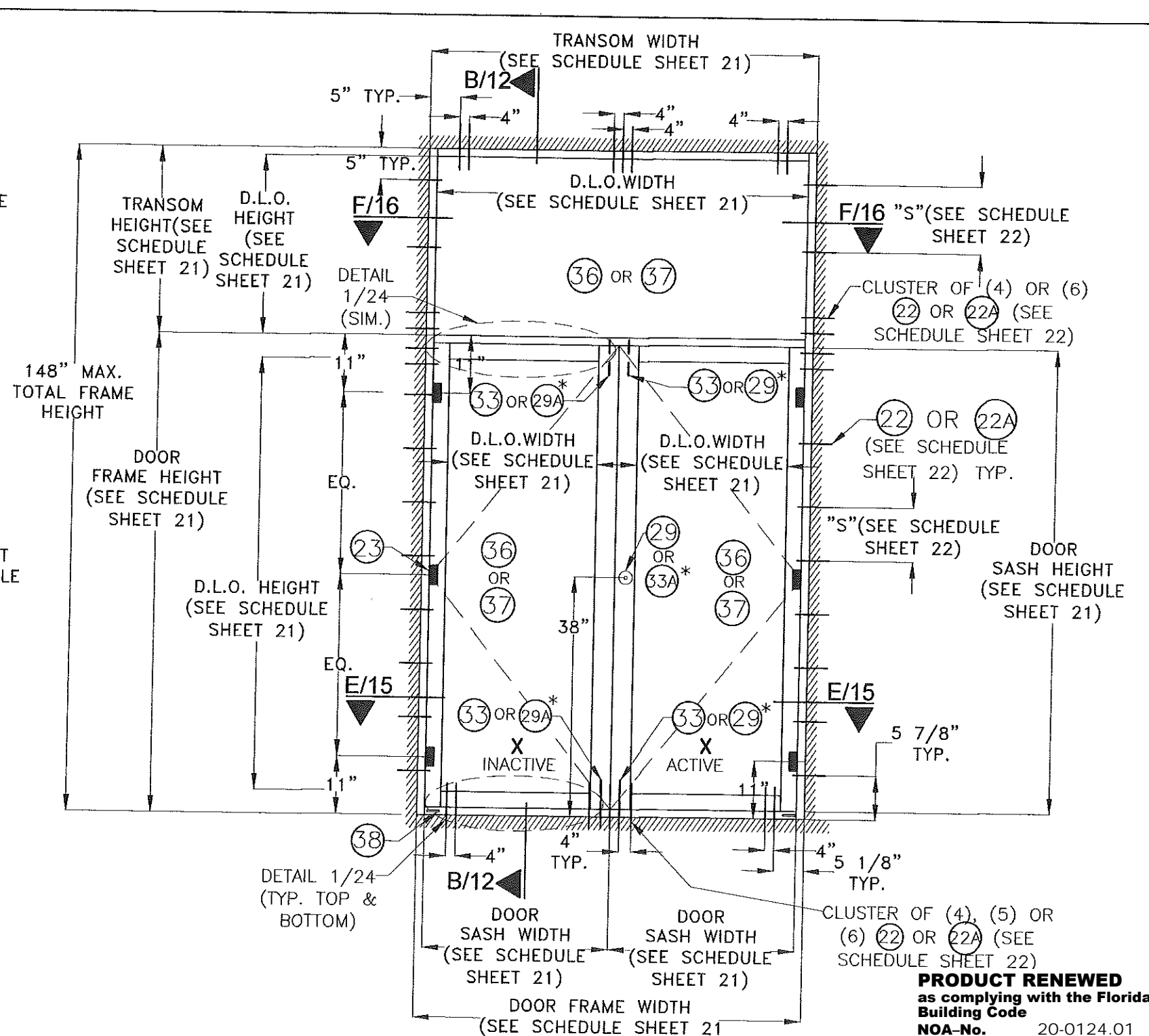
ET 5 OF 24

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		





**TYPICAL EXTERIOR ELEVATION  
SINGLE DOOR W/ TRANSOM**



**TYPICAL EXTERIOR ELEVATION  
DOUBLE DOOR W/ TRANSOM**

\* SEE SCHEDULE ON SHEET 4

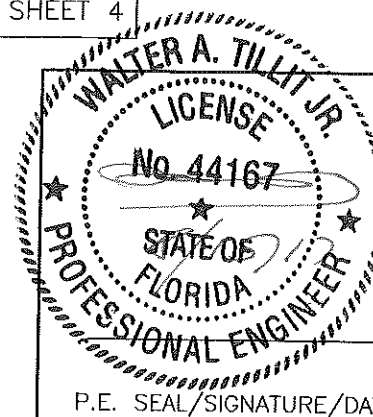
**PRODUCT RENEWED**  
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NOA-No. 20-0124.01

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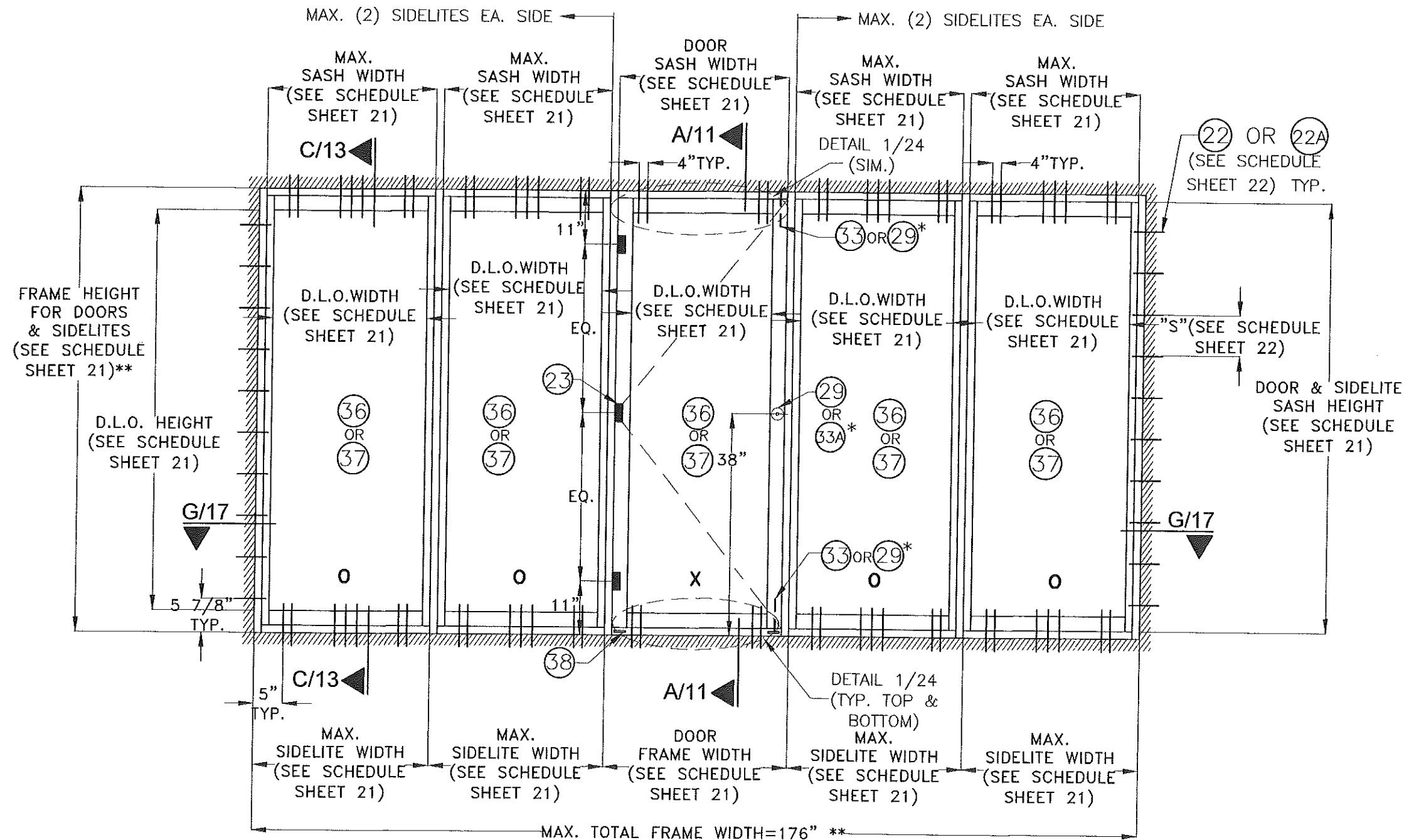
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# **TYPICAL EXTERIOR ELEVATIONS FOR SINGLE & DOUBLE DOOR W/ TRANSOM**

3/8"=1'-0"



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REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
17-151					DRAWING No
SHEET 6 OF 14					



# TYPICAL EXTERIOR ELEVATION OF SINGLE DOOR W/ SIDELITES

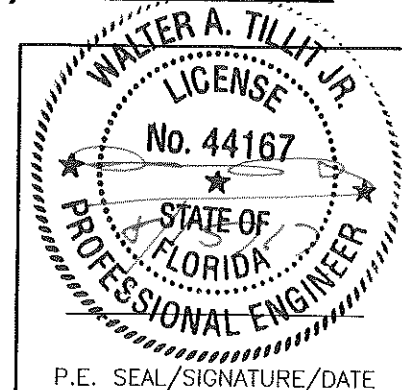
3/8"=1'-0"

- \* SEE SCHEDULE ON SHEET 4
- \*\* MAX. TOTAL FRAME AREA SHALL NOT EXCEED 122.2 FT<sup>2</sup>

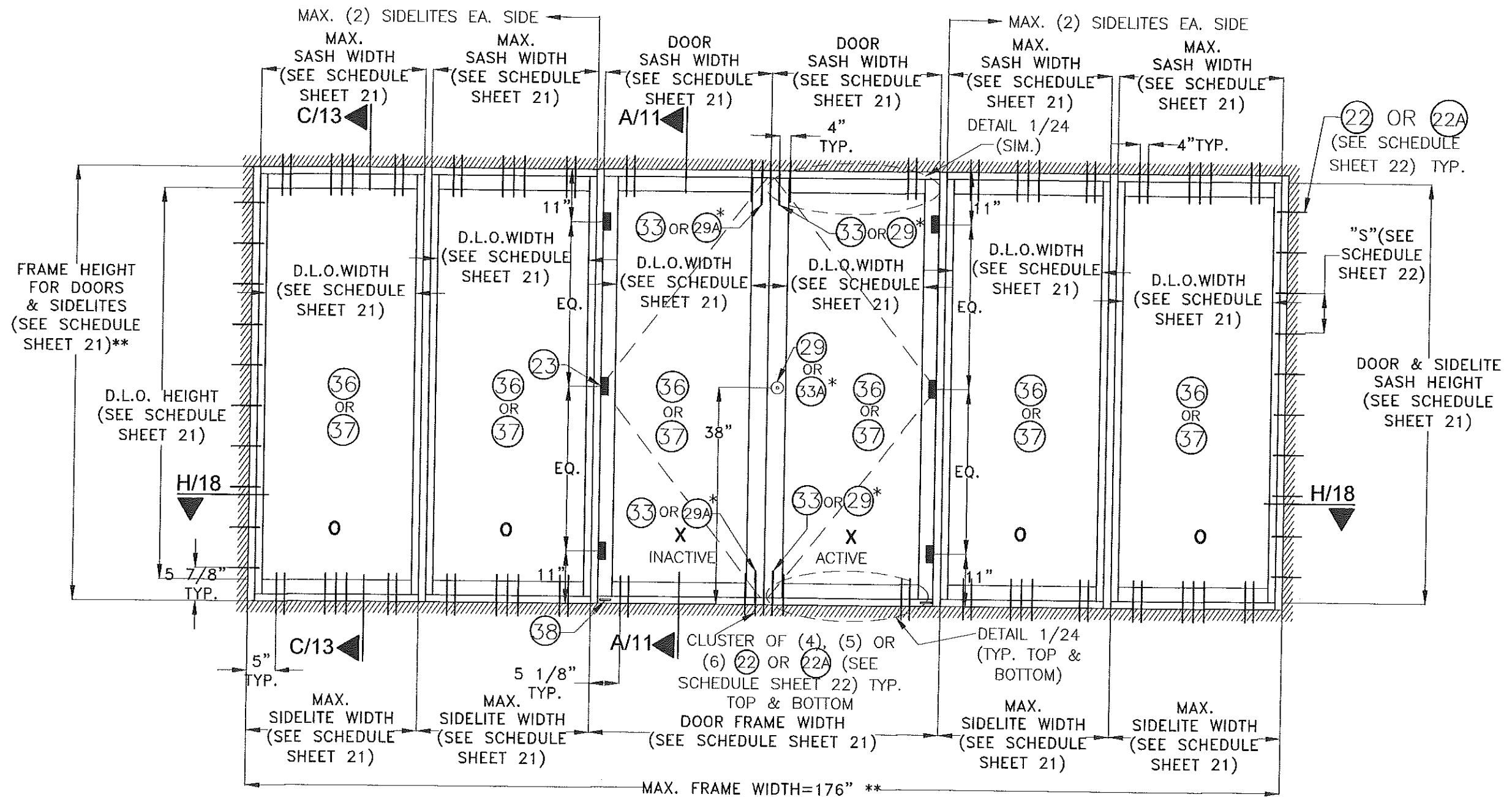
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NOA-No. 20-0124.01

Expiration Date October 08, 2025

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			REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
DRAWN BY L.C.					08/08/17
DATE					17-151
DRAWING No					SHEET 7 OF 24



## TYPICAL EXTERIOR ELEVATION OF DOUBLE DOOR W/ SIDELITES

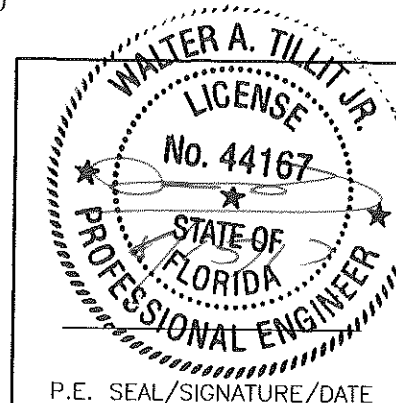
3/8"=1'-0"

\* SEE SCHEDULE ON SHEET 4  
\*\* MAX. TOTAL FRAME AREA SHALL NOT EXCEED 122.2 FT<sup>2</sup>

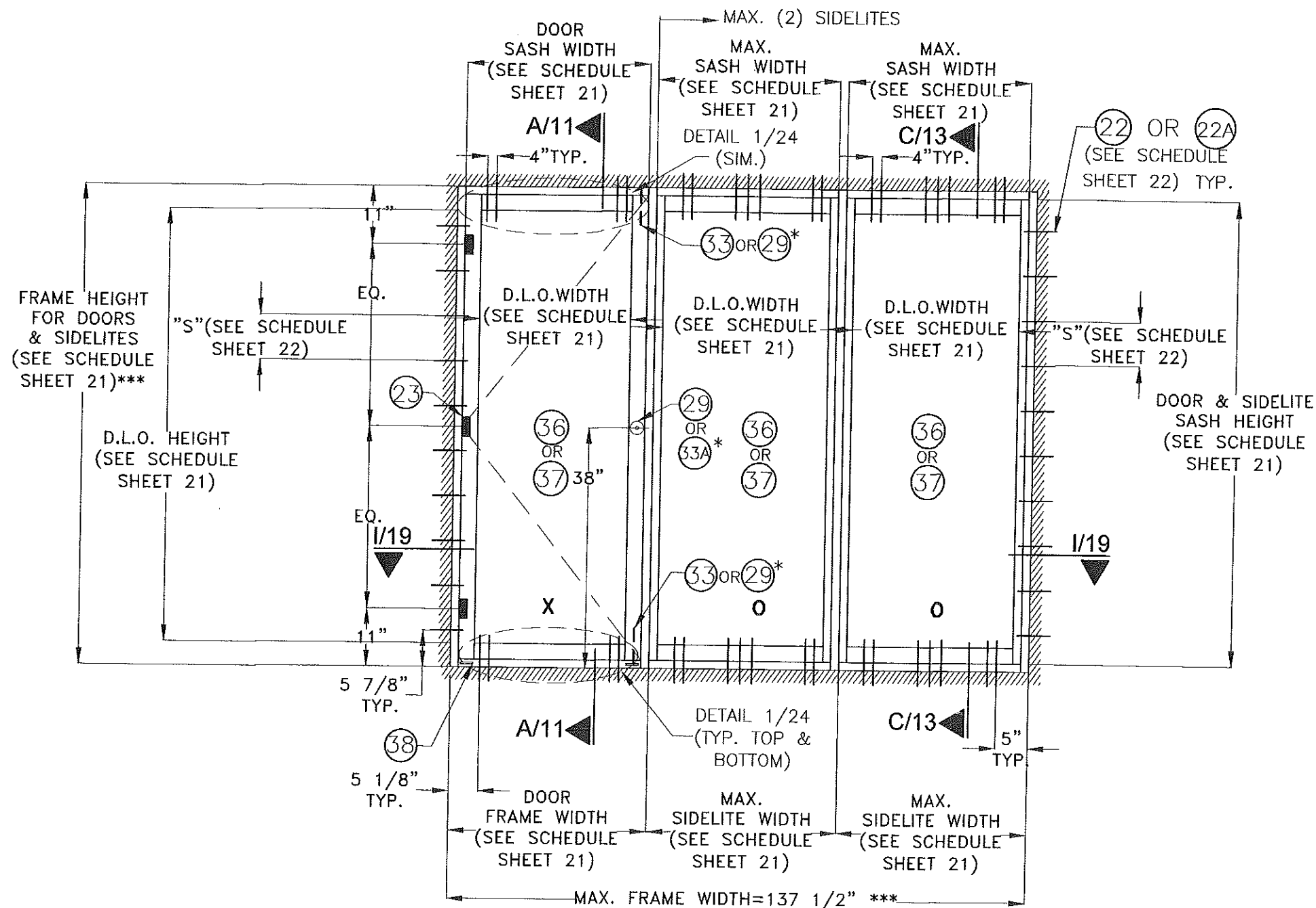
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NOA-No. 20-0124.01

Expiration Date October 08, 2025

By *[Signature]*  
Miami-Dade Product Control



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			DRAWN BY L.C.		
			08/08/17 DATE		
			17-151 DRAWING No		
			SHEET 8 OF 24		
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2			4		

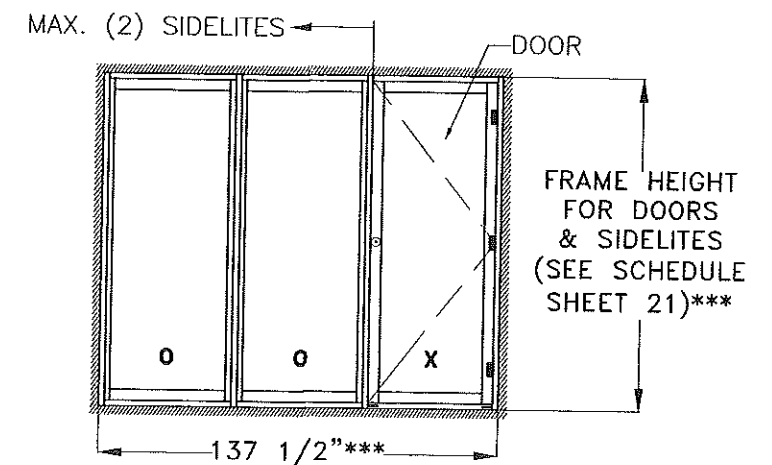


**TYPICAL EXTERIOR ELEVATION OF  
SINGLE DOOR W/ SIDELITES \*\***

3/8"=1'-0"

\*\* QUALIFIES MIRROR CONFIGURATION TOO.

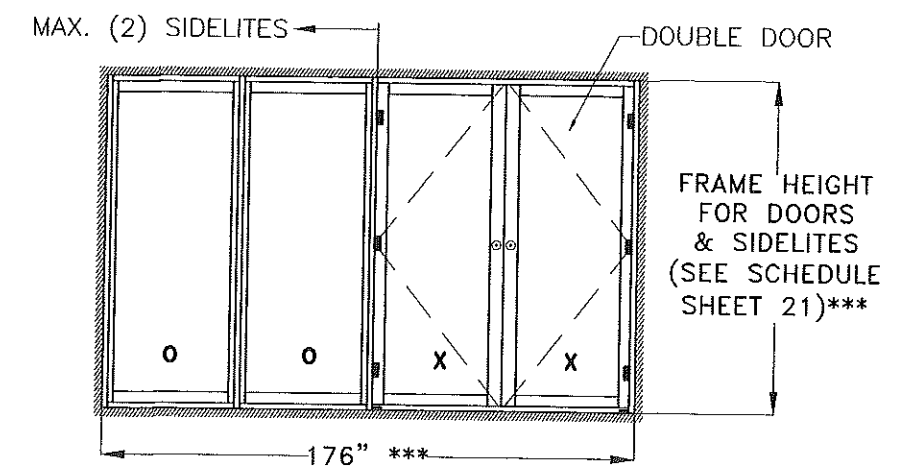
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\* SEE SCHEDULE ON SHEET 4  
\*\*\* MAX. TOTAL FRAME AREA SHALL NOT EXCEED 95.5 FT<sup>2</sup>

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

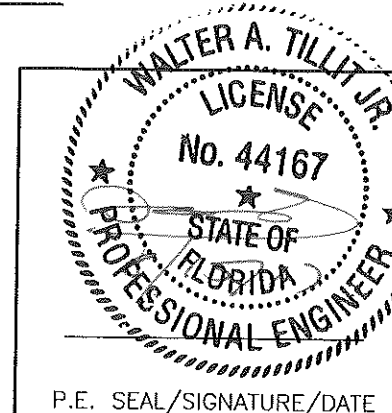
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REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
			DATE 08/08/17		
			DRAWING No 17-151		
			SHEET 9 OF 24		



**By** \_\_\_\_\_  
**Miami-Dade Product Control**

$$3/8'' = 1' - 0''$$

\*\*\* MAX. TOTAL FRAME AREA SHALL NOT EXCEED 122.2 FT<sup>2</sup>




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SERIES ADC-112556 ALUMINUM  
OUTSWING FRENCH DOOR W/Wo TRANSOM  
OR SIDELITES



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8355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166  
Phone : (305)871-1530 . Fax : (305)871-1531  
e-mail: tilteco@aol.com  
EB-0006719  
WALTER A. TILLET Jr. P.E.  
FLORIDA Lic. # 44167

**ALUMINA DISTRIBUTION CENTER**

14475 NW 26 th AVE.  
OPA-LOCKA, FL.  
33054-3121

08/08/17

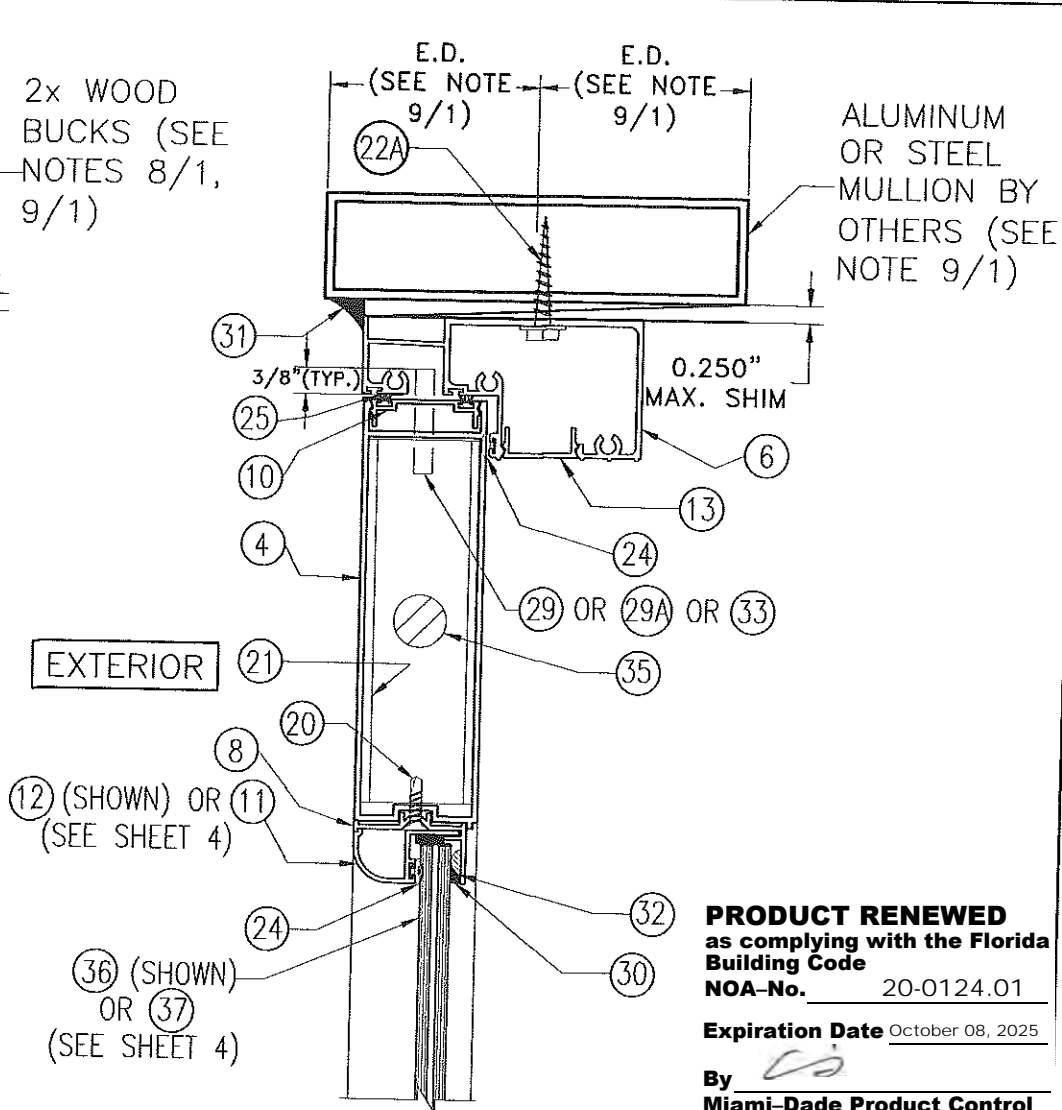
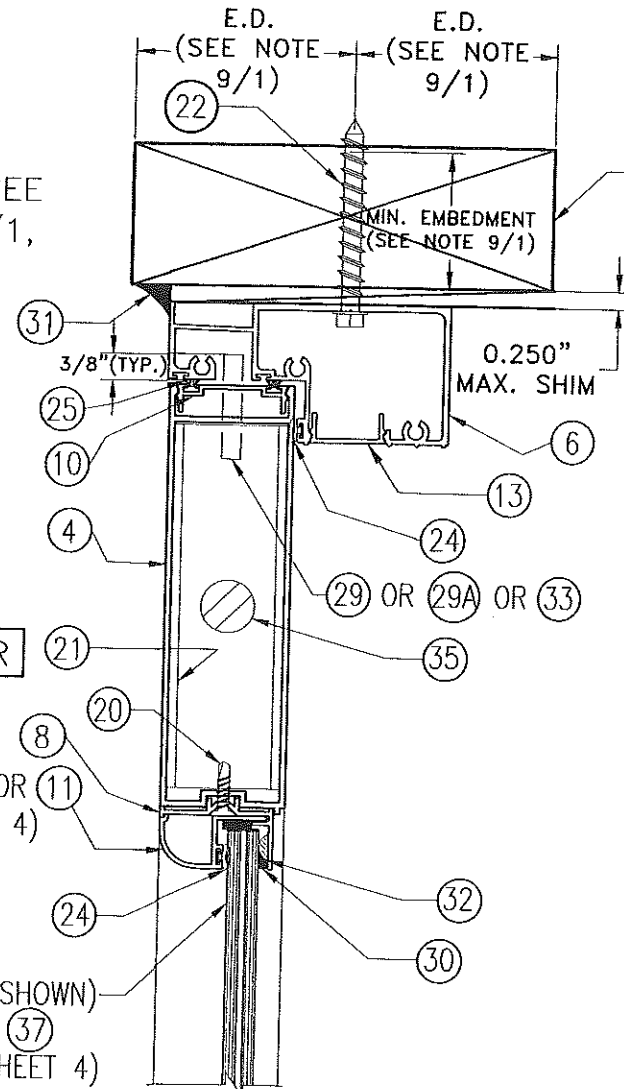
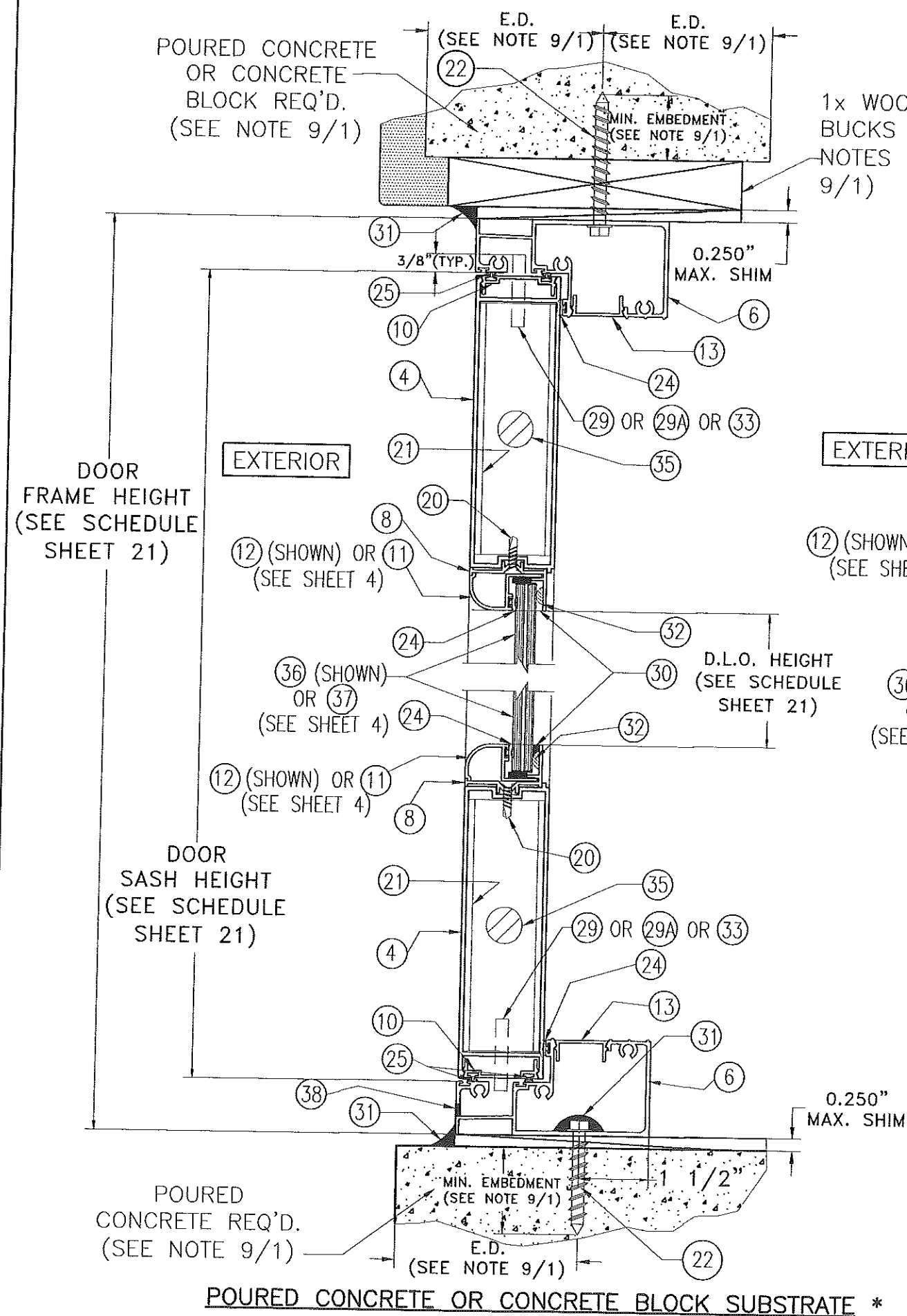
DATE

**17-151**

DRAWING No

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		

SHEET 10 OF 24



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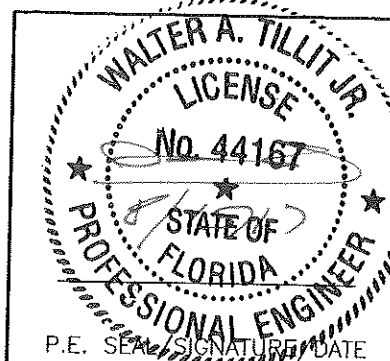
WOOD SUBSTRATE \*

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.



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REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2			4		
17-151					DRAWING No
SHEET 11 OF 24					

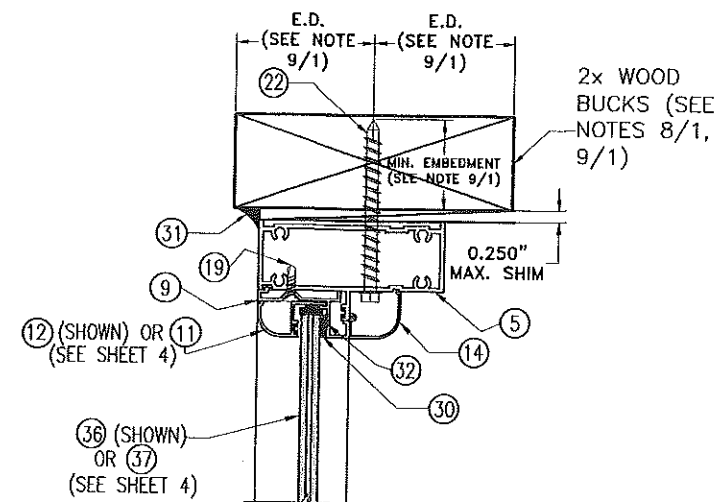


Diagram illustrating the elevation view of a window or door assembly. Key components and callouts include:

- 22A**: Callout for the upper frame or mullion.
- 31**: Callout for the upper frame or mullion.
- 9**: Callout for the upper frame or mullion.
- 19**: Callout for the upper frame or mullion.
- 12 (SHOWN) OR (11) (SEE SHEET 4)**: Callout for the upper frame or mullion.
- 36 (SHOWN) OR (37) (SEE SHEET 4)**: Callout for the upper frame or mullion.
- 5**: Callout for the upper frame or mullion.
- 14**: Callout for the upper frame or mullion.
- 32**: Callout for the upper frame or mullion.
- 30**: Callout for the upper frame or mullion.
- 0.250" MAX. SHIM**: Dimension indicating the maximum shim thickness.
- ALUMINUM OR STEEL MULLION BY OTHERS (SEE NOTE 9/1)**: Text indicating the material and source of the mullion.
- E.D. (SEE NOTE 9/1)**: Dimension indicating the edge distance.

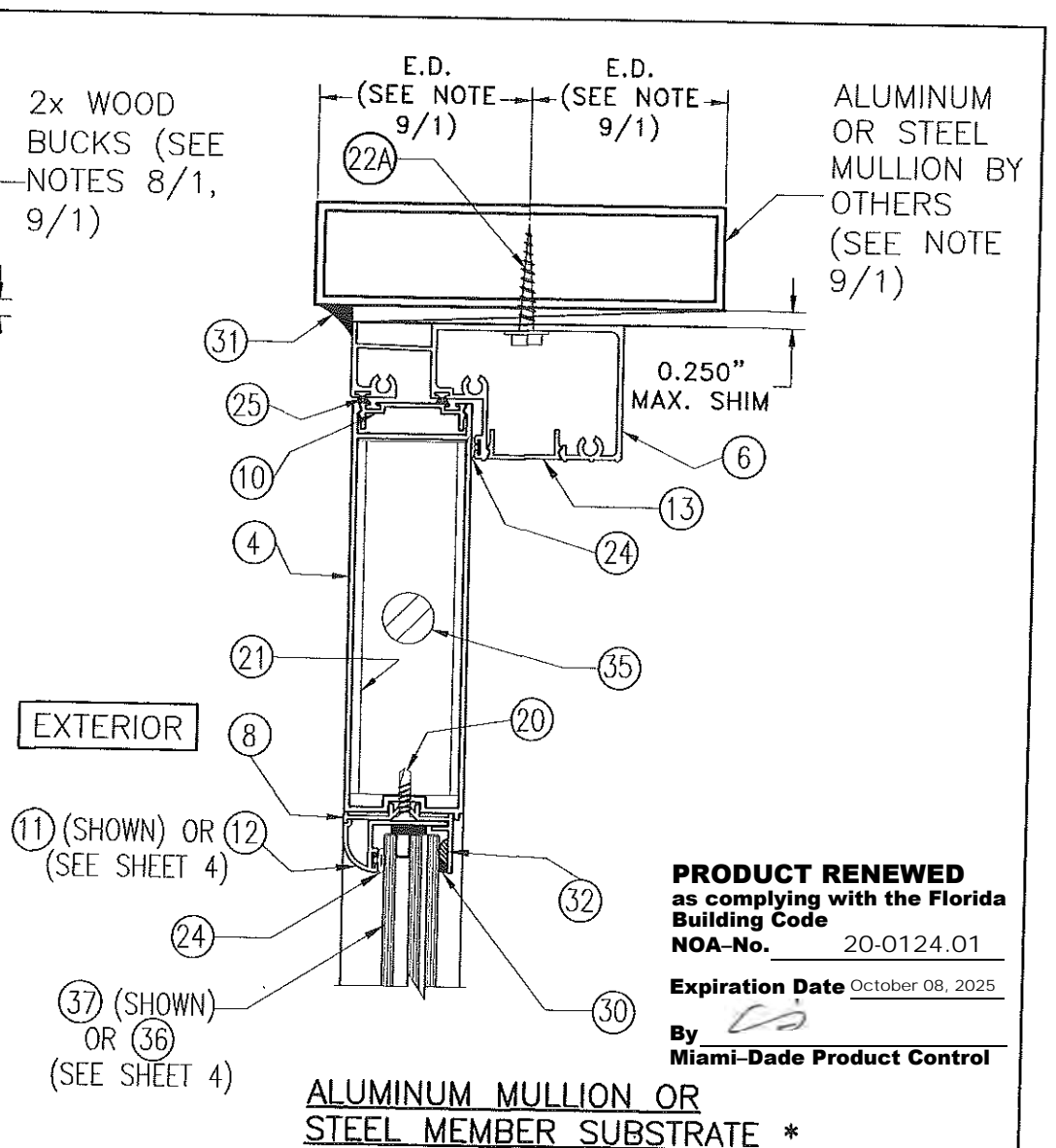
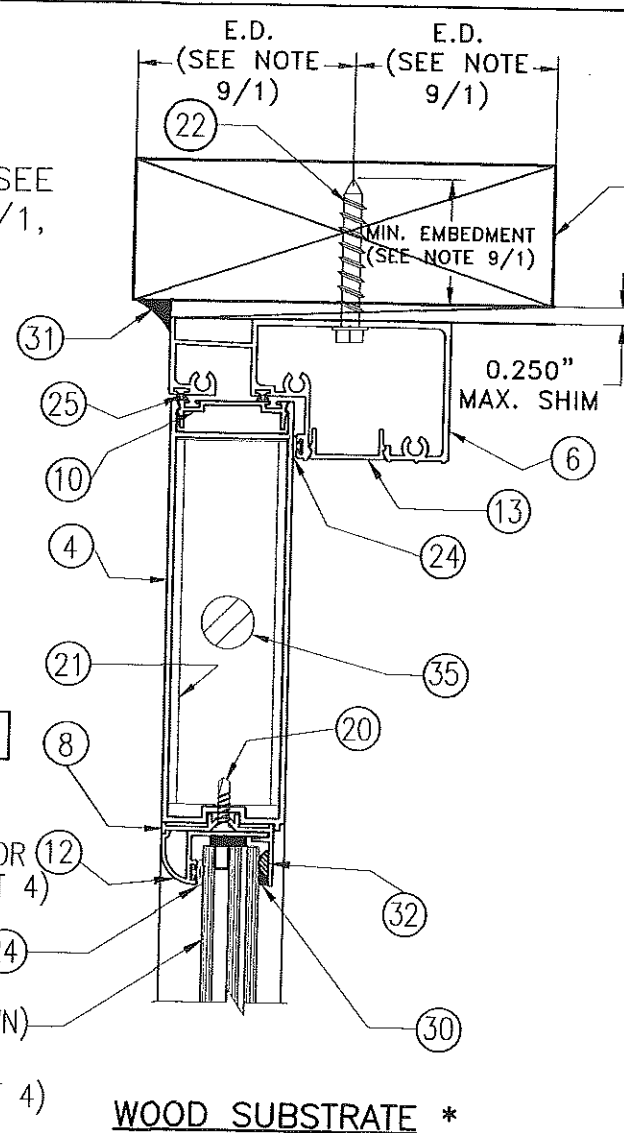
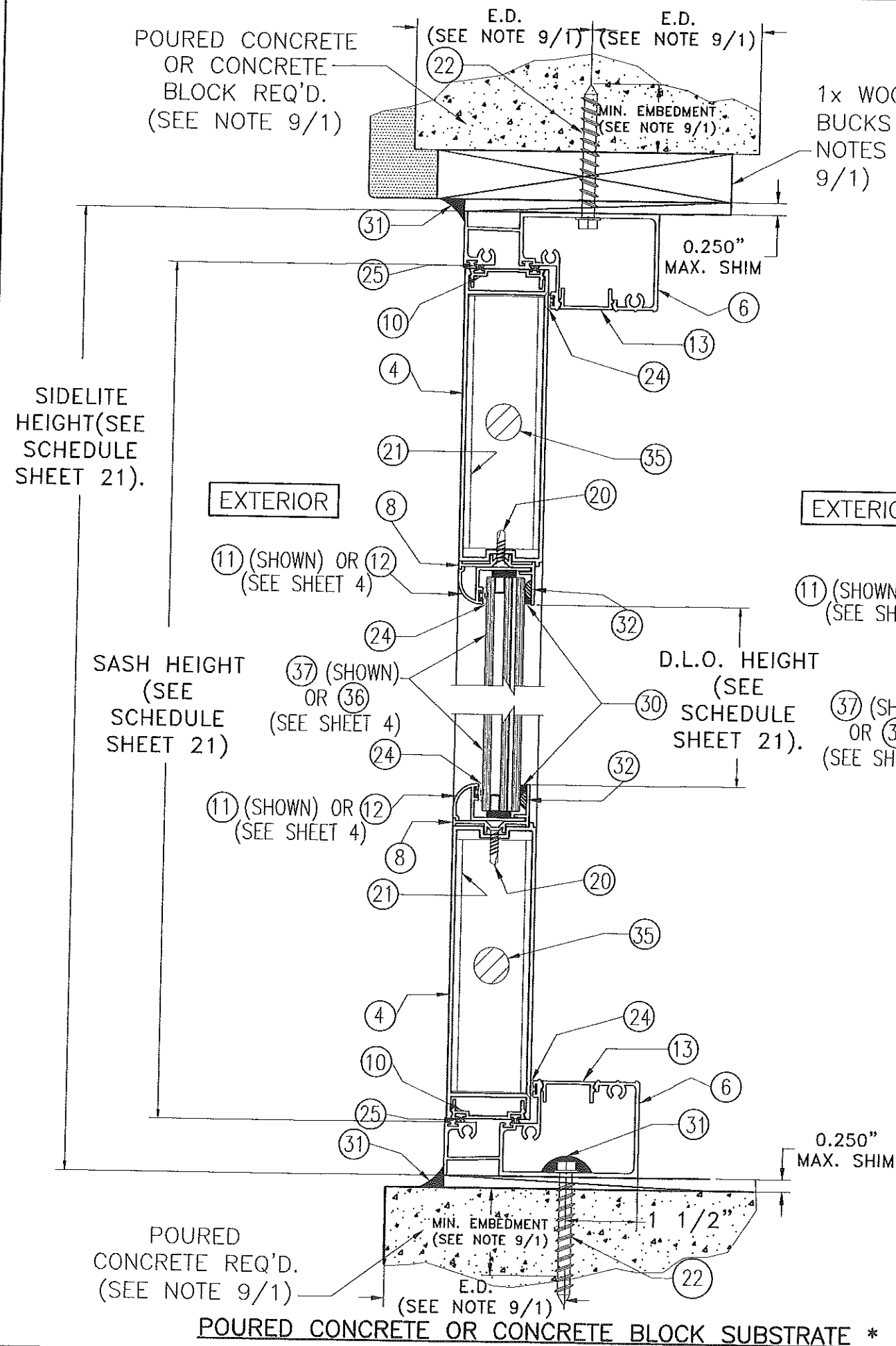
\* TOP & BOTTOM MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x, NO WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT TOP OR BOTTOM. IN CASE THAT ALUMINUM OR STEEL MULLION WAS USED AT SILL, BUILDING OFFICIAL MUST VERIFY ITS STRUCTURAL ADEQUACY.

SCALE: 1/4"=1"

A circular professional engineer seal for Walter A. Tillit Jr. The outer ring contains the text "WALTER A. TILLIT JR." at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No. 44167" is in the center, and "STATE OF FLORIDA" is at the bottom. A signature is written across the center of the seal.

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 16-250	08/08/17	3		
2			4		



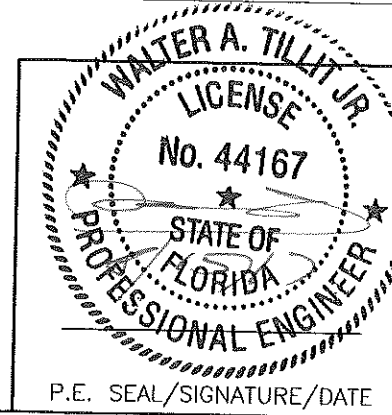


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## SECTION C-C @ SIDELITES

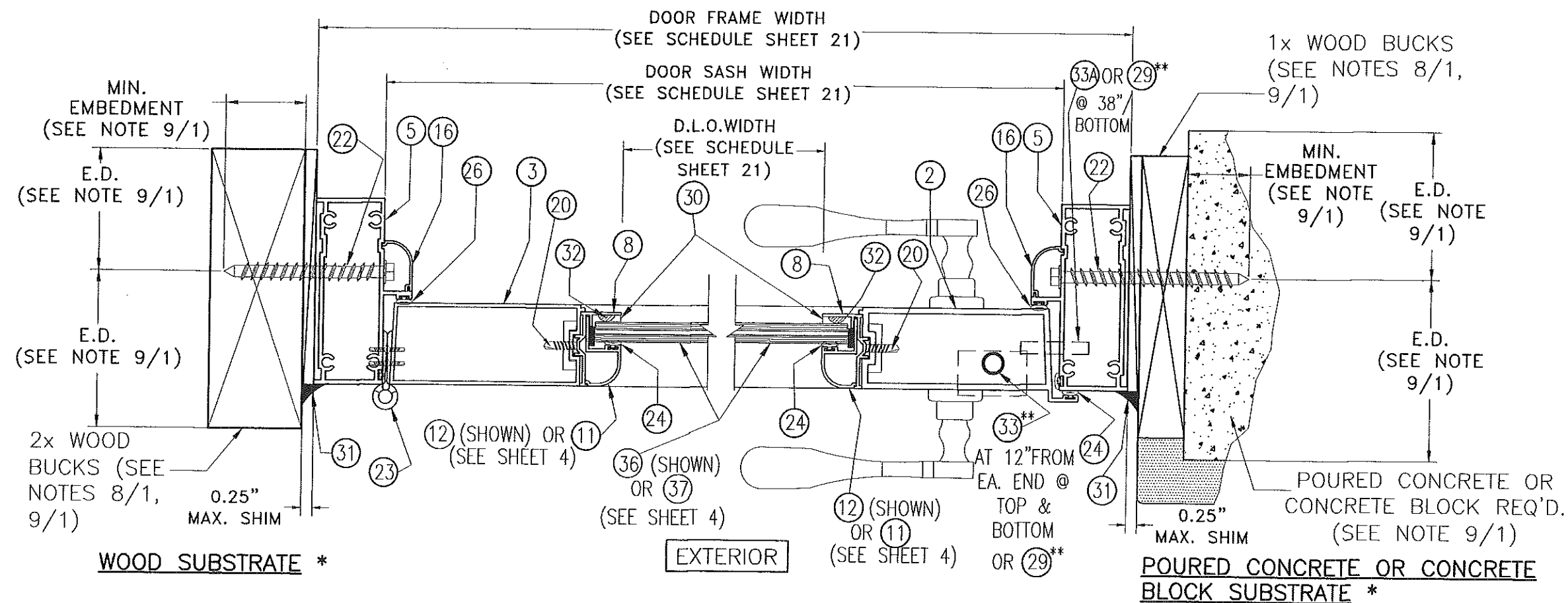
SCALE: 3/8"=1"

\* 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.

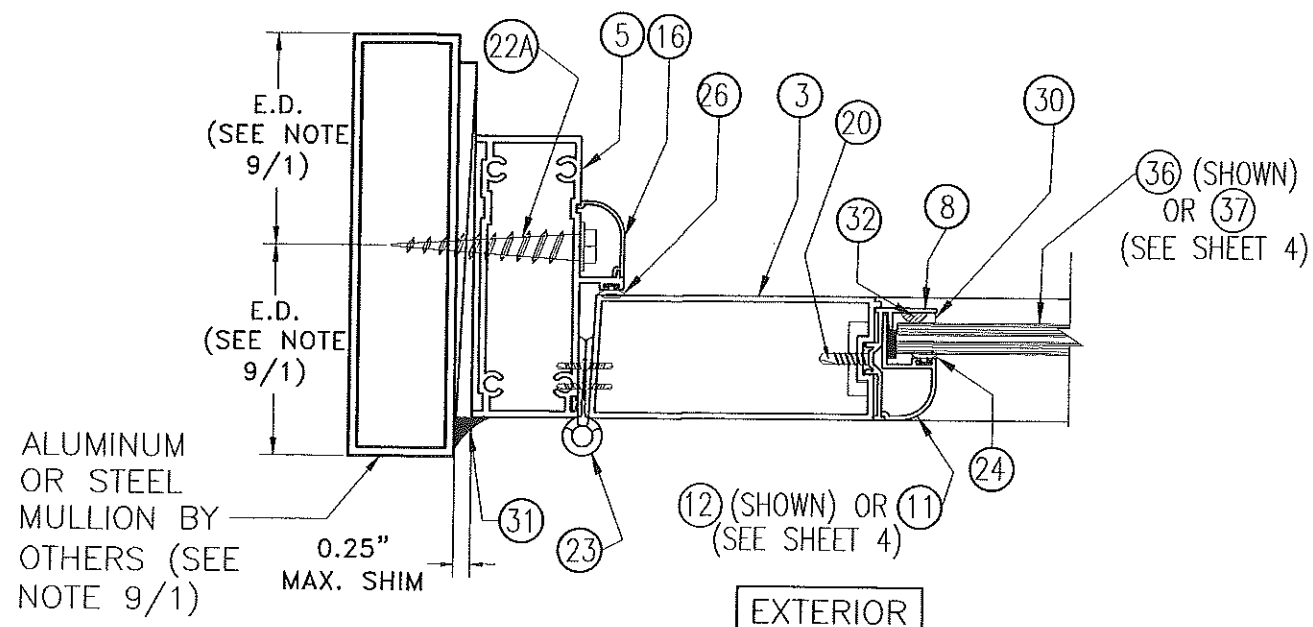


FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2017 TILTECO, INC.			DRAWN BY L.C.		
TILTECO INC.			SERIES ADC-112556 ALUMINUM OUTSWING FRENCH DOOR W/wo TRANSOM OR SIDELITES		
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th, St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilliteco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			ALUMINA DISTRIBUTION CENTER 14475 NW 26 th AVE. OPA-LOCKA, FL. 33054-3121		
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
P.E. SEAL/SIGNATURE/DATE			DATE 08/08/17		
			DRAWING No 17-151		
			SHEET 13 OF 24		





**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0124.01  
Expiration Date October 08, 2025  
By   
Miami-Dade Product Control



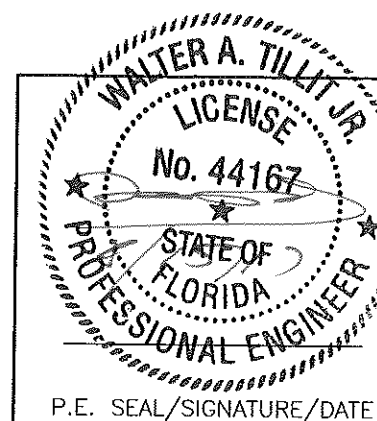
ALUMINUM MULLION OR  
STEEL MEMBER SUBSTRATE \*

SECTION D-D @ SINGLE DOOR

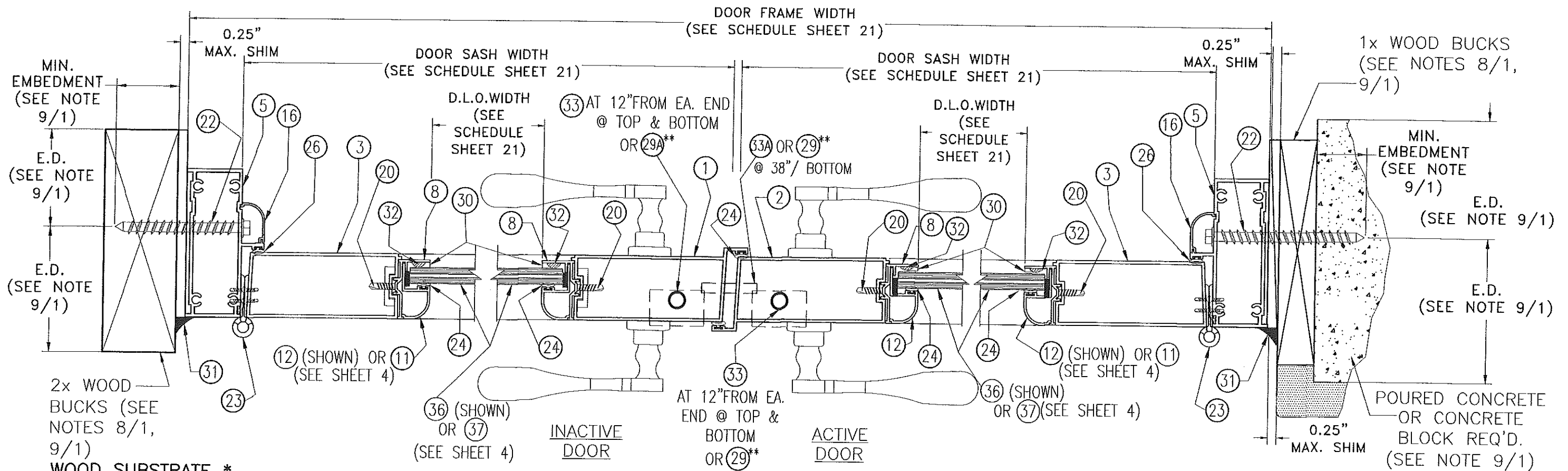
SCALE: 3/8"=1"

\* 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.

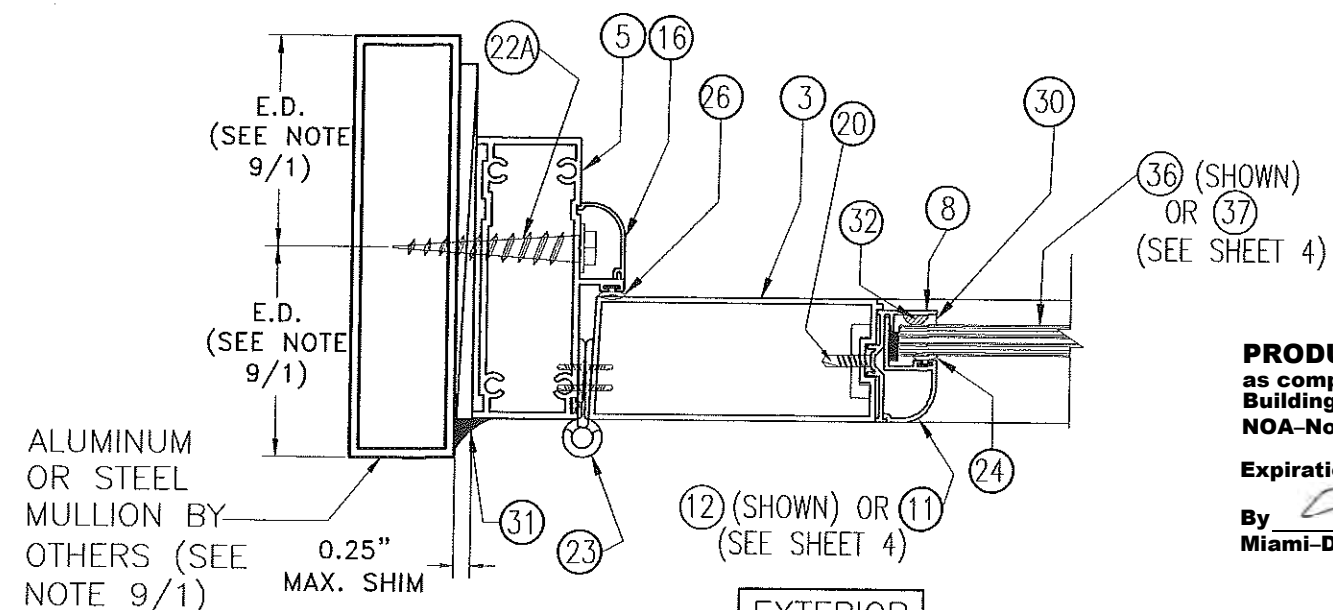


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 TILIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			ALUMINA DISTRIBUTION CENTER 14475 NW 26 th AVE. OPA-LOCKA, FL. 33054-3121		08/08/17 DATE
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
17-151 DRAWING No					SHEET 14 OF 24



EXTERIOR

POURED CONCRETE  
OR CONCRETE  
BLOCK SUBSTRATE \*



**PRODUCT RENEWED**  
as complying with the Florida  
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NOA-No. 20-0124.01

Expiration Date October 08, 2025

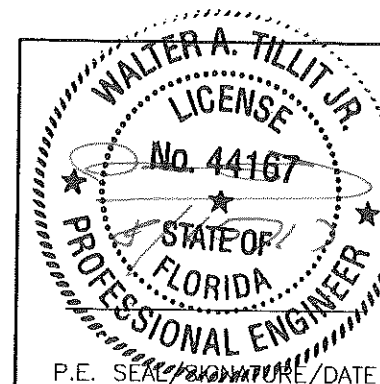
By *[Signature]*  
Miami-Dade Product Control

\* 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.

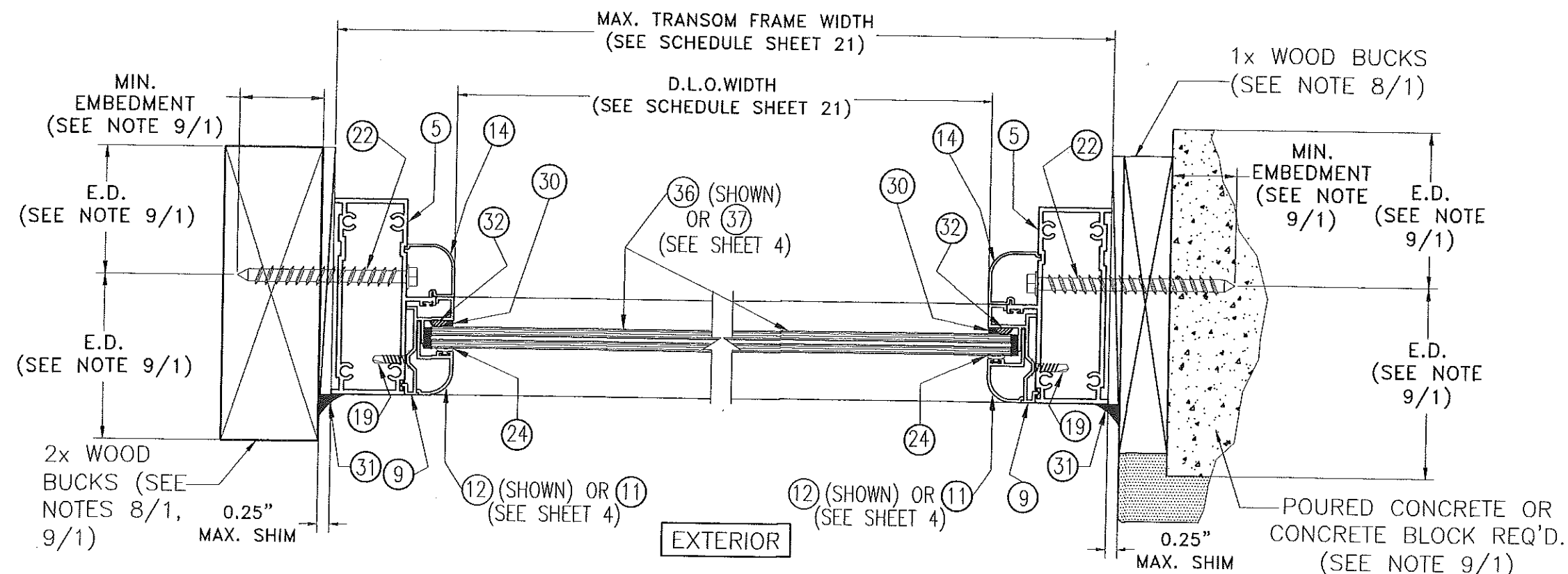
\*\* SEE SCHEDULE ON SHEET 4.

## SECTION E-E @ DOUBLE DOOR

SCALE: 3/8"=1"



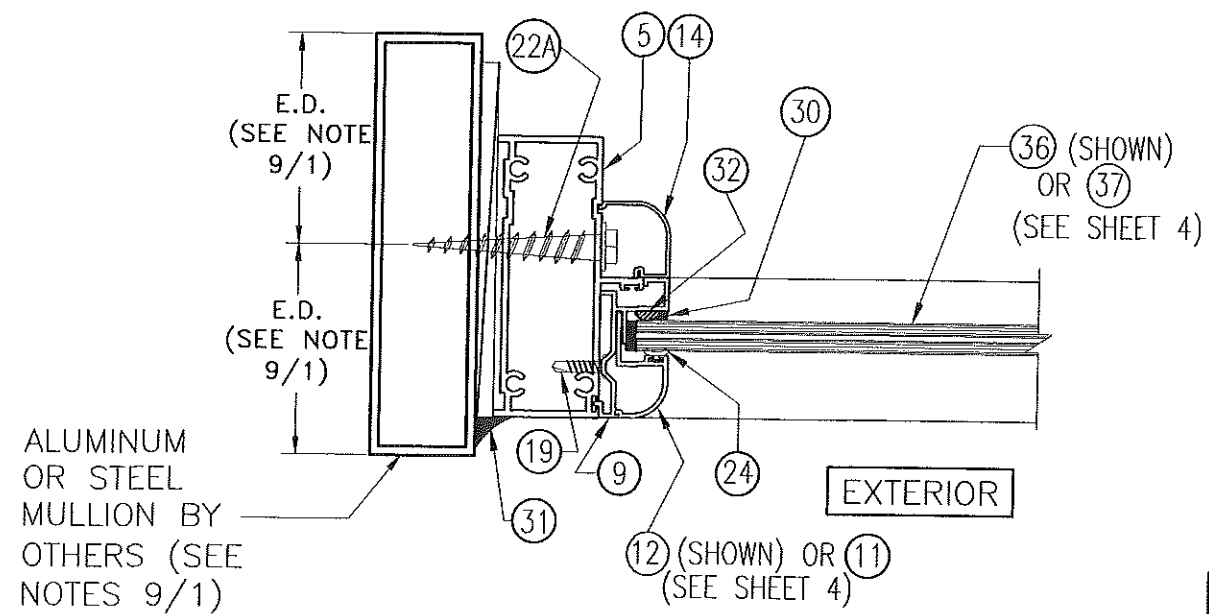
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
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<b>TILTECO INC.</b> <small>TILLIT TESTING &amp; ENGINEERING COMPANY          6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166          Phone : (305)871-1530 • Fax : (305)871-1531          e-mail: tilteco@aol.com</small>			ALUMINA DISTRIBUTION CENTER 14475 NW 26th AVE. OPA-LOCCA, FL. 33054-3121		08/08/17 DATE
REV. No.	DESCRIPTION	DATE	REV. No.	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
17-151 DRAWING No					SHEET 15 OF 24



**WOOD SUBSTRATE \***

**POURED CONCRETE OR CONCRETE BLOCK SUBSTRATE \***

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 Building Code  
 NOA-No. 20-0124.01  
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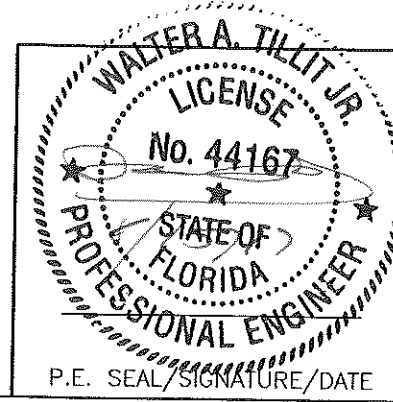


**ALUMINUM MULLION OR STEEL MEMBER SUBSTRATE \***

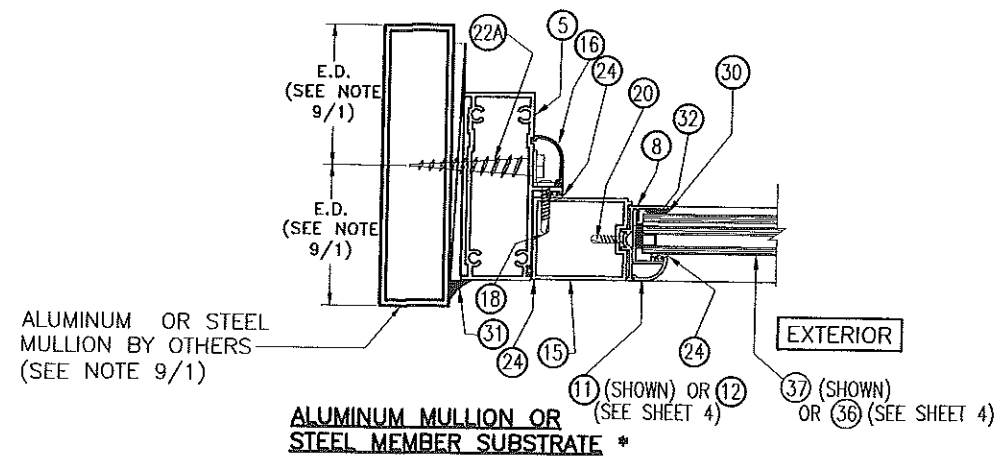
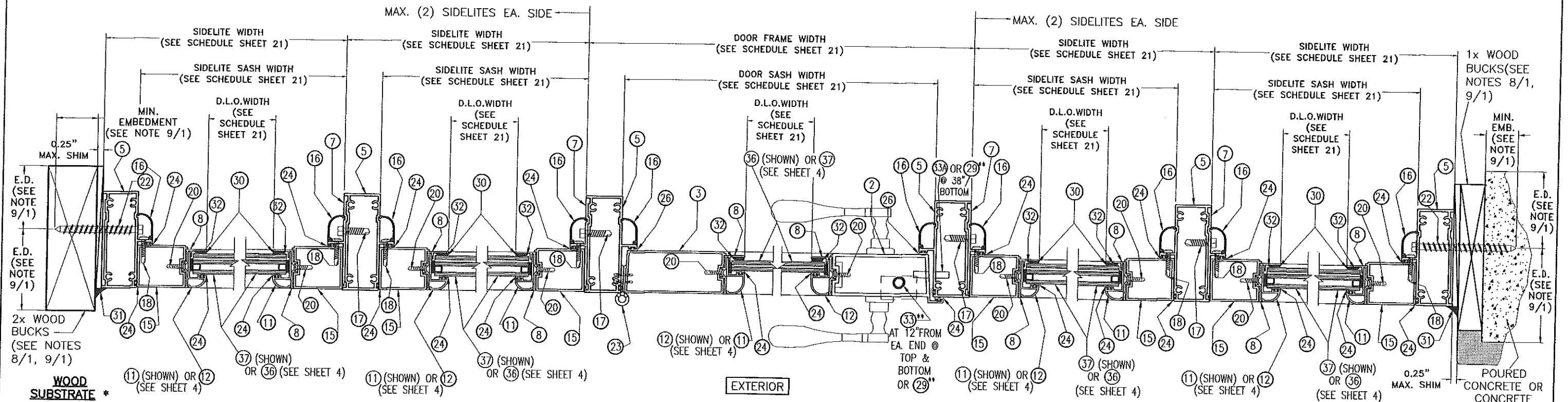
\* JAMB MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT JAMBS.

**SECTION F-F @ TRANSOM**

SCALE: 3/8"=1"



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			ALUMINA DISTRIBUTION CENTER		08/08/17
TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			14475 NW 26 th AVE. OPA-LOCKA, FL. 33054-3121		DATE
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
17-151					DRAWING No
SHEET 16 OF 24					

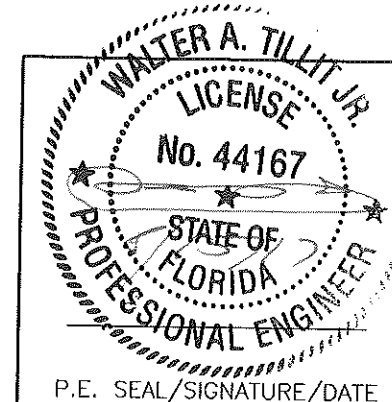


\* JAMB MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT JAMBS.

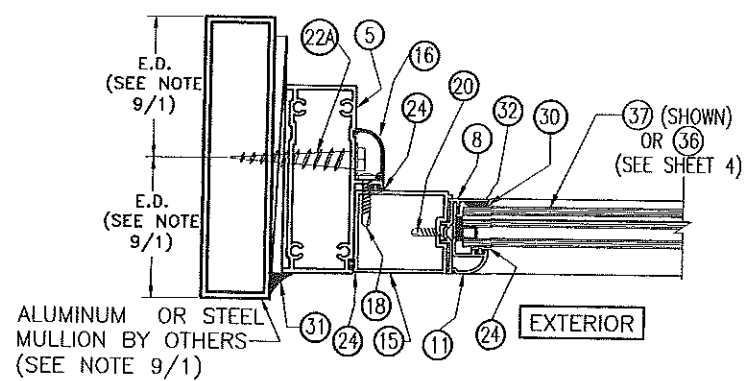
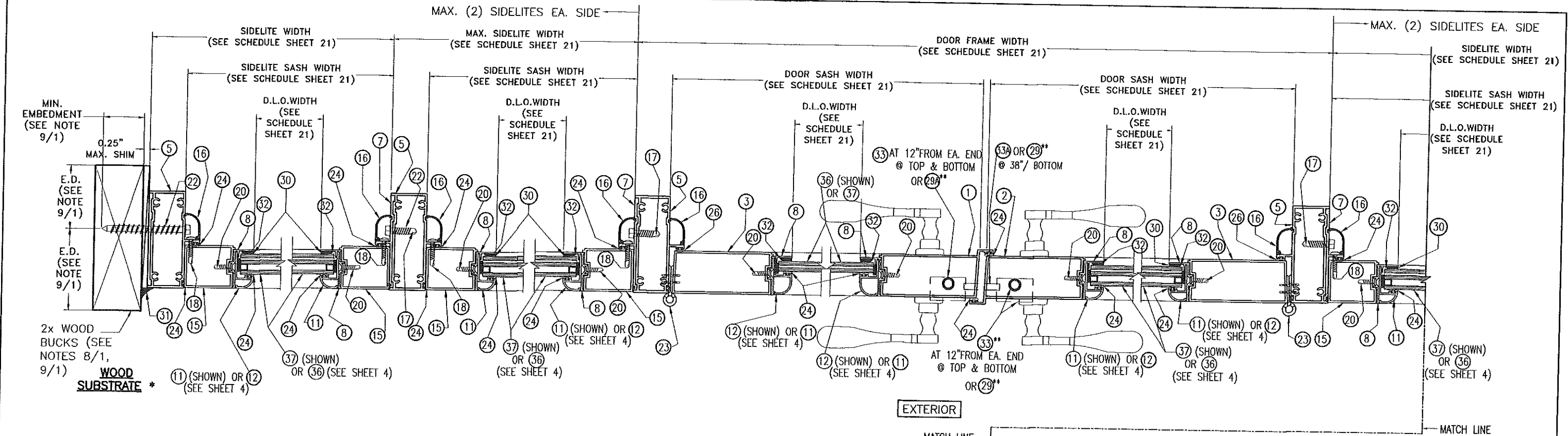
\*\* SEE SCHEDULE ON SHEET 4.

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Building Code  
NOA-No. 20-0124.01  
Expiration Date October 08, 2025  
By   
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# SECTION G-G SINGLE DOOR W/ SIDELITES SCALE: 1/4"=1"



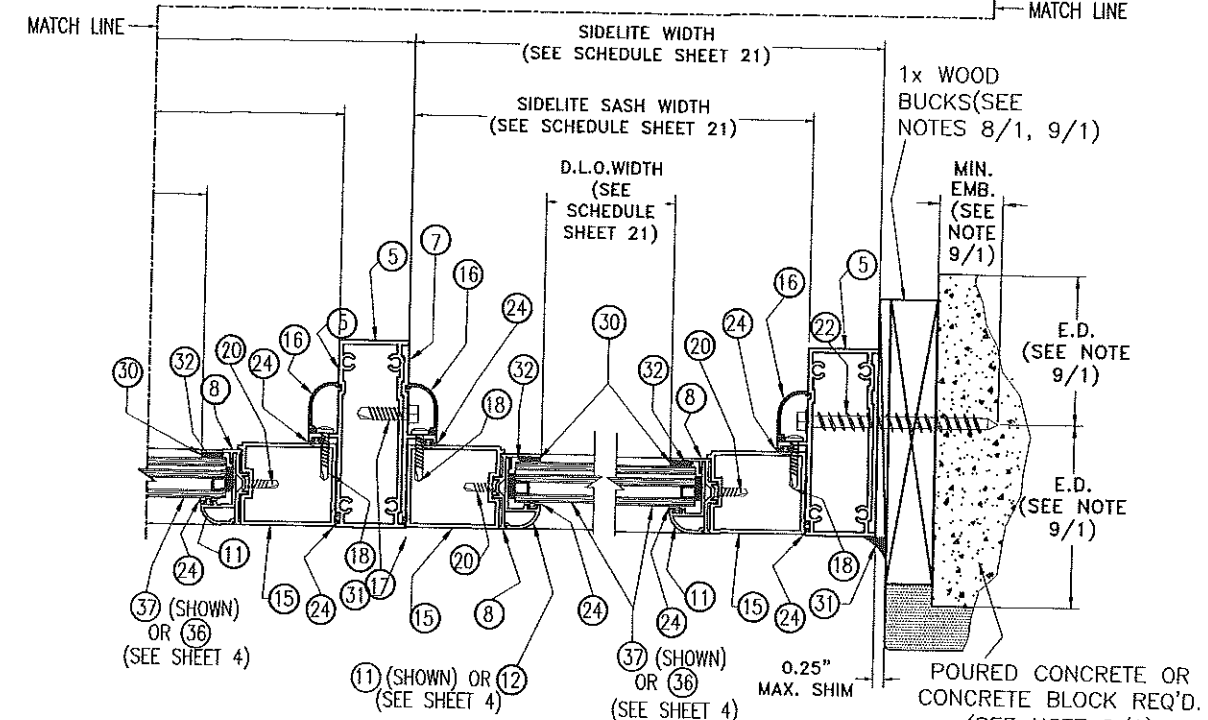
FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
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REV. No.	DESCRIPTION	DATE	REV. No.	DESCRIPTION	DATE
1	OLD 16-250	08/08/17	3		
2			4		
17-151 DRAWING No					SHEET 17 OF 24



\* 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.

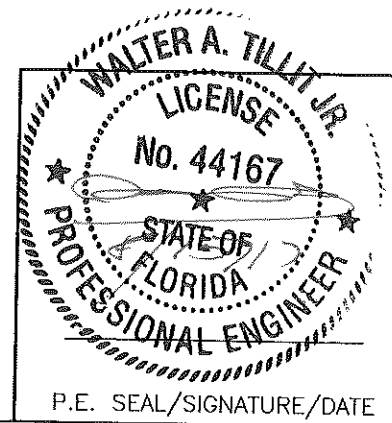
EXTERIOR



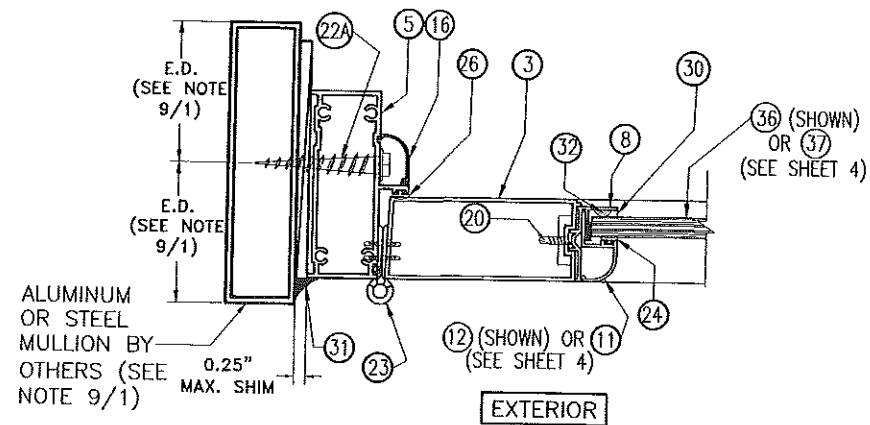
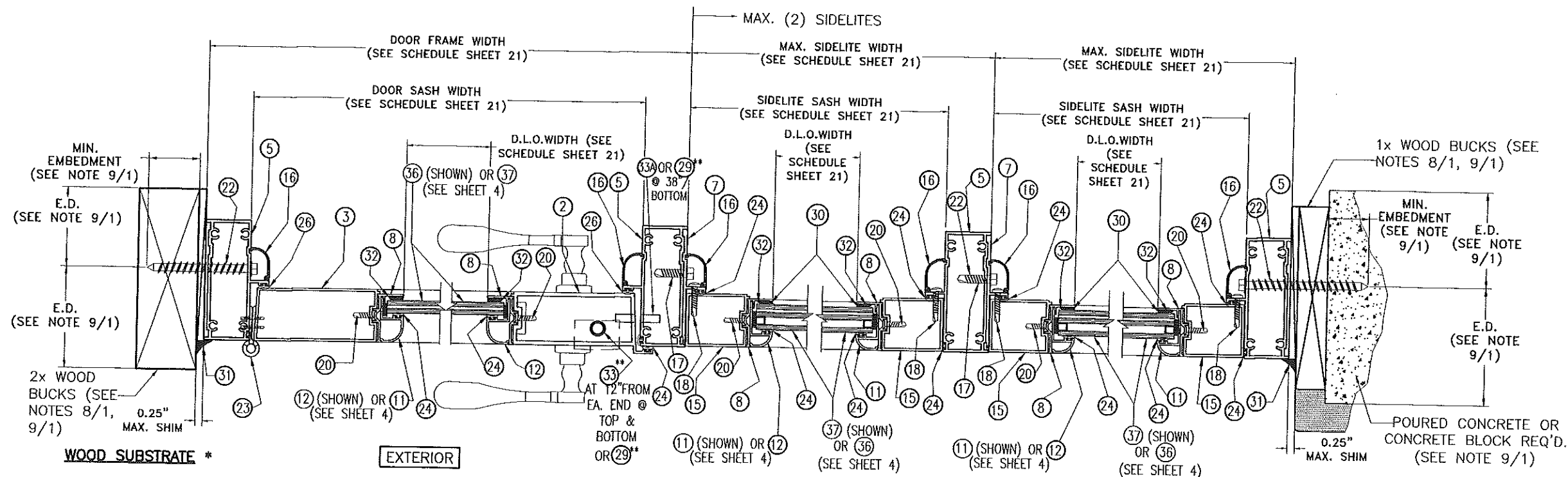
POURED CONCRETE OR CONCRETE BLOCK SUBSTRATE \*

# SECTION H-H DOUBLE DOOR W/ SIDELITES SCALE: 1/4"=1"

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NOA-No. 20-0124.01  
Expiration Date October 08, 2025  
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<b>ALUMINA DISTRIBUTION CENTER</b> 14475 NW 26 th AVE. OPA-LOCKA, FL. 33054-3121			08/08/17 DATE		
17-151 DRAWING No			SHEET 18 OF 24		
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		



\* 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.

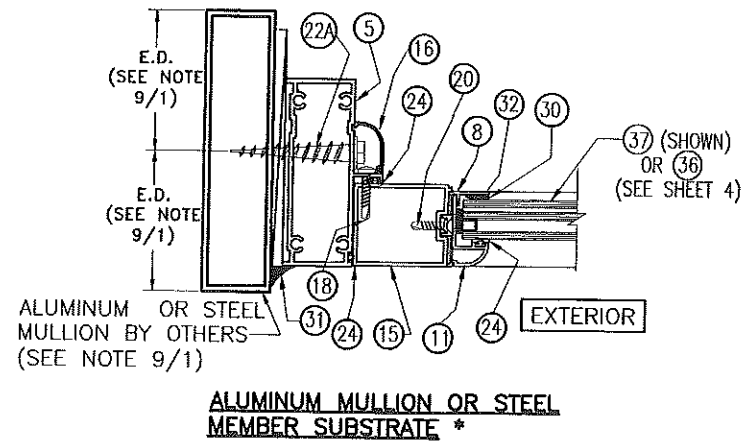
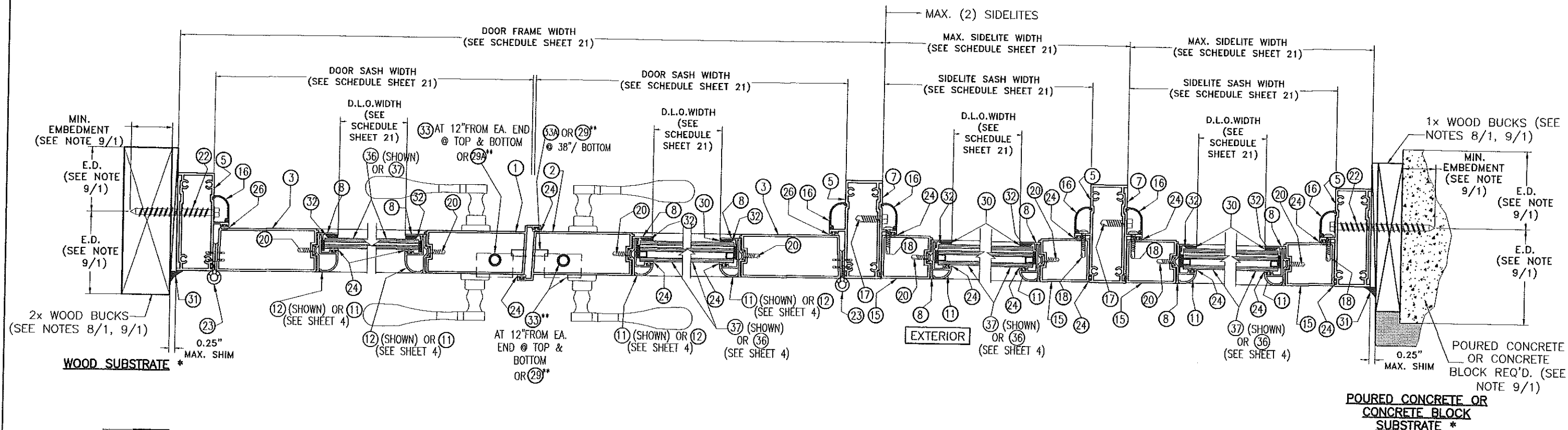
\*\* SEE SCHEDULE ON SHEET 4.

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Building Code  
NOA-No. 20-0124.01  
Expiration Date October 08, 2025  
By *[Signature]*  
Miami-Dade Product Control

# SECTION I-I 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

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REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
17-151 DRAWING No					SHEET 19 OF 24

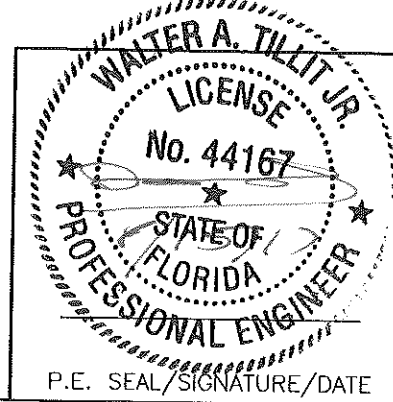


\* JAMB MOUNTING INSTALLATIONS INTO SUBSTRATES, BY MEANS OF 1x, 2x WOOD BUCK OR METAL MULLION MAY BE COMBINED IN ANY WAY TO SUIT ANY INSTALLATION AT JAMBS.

\*\* SEE SCHEDULE ON SHEET 4.

# SECTION J-J DOUBLE DOOR W/ SIDELITES SCALE: 1/4"=1"

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Building Code  
NOA-No. 20-0124.01  
Expiration Date October 08, 2025  
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<p>TILLIT TESTING &amp; ENGINEERING COMPANY 6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167</p>			ALUMINA DISTRIBUTION CENTER 14475 NW 26 th AVE. OPA-LOCKA, FL. 33054-3121		08/08/17 DATE
					17-151 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
					SHEET 20 OF 24



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.

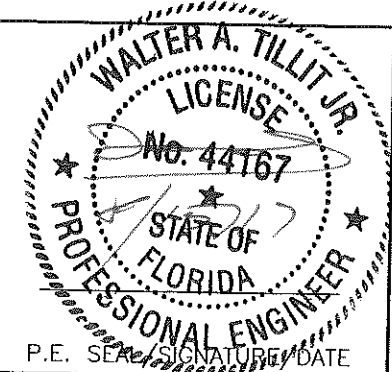
SINGLE & DOUBLE DOOR SCHEDULE VALID  
FOR DOORS W/ TRANSOM OR W/ SIDELITE


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"

PRODUCT RENEWED  
as complying with the Florida  
Building Code  
NOA-No. 20-0124.01

Expiration Date October 08, 2025

By   
Miami-Dade Product Control

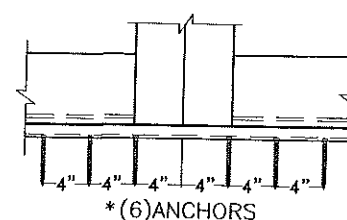
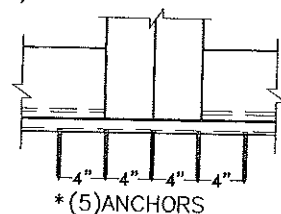
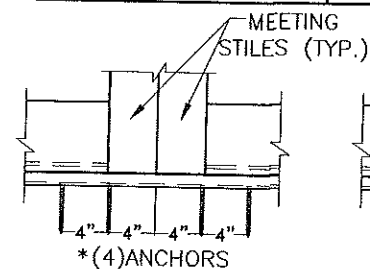


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 TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			ALUMINA DISTRIBUTION CENTER 14475 NW 26 th AVE. OPA-LOCKA, FL. 33054-3121		08/08/17 DATE
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
					17-151 DRAWING No
					SHEET 21 OF 24



**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

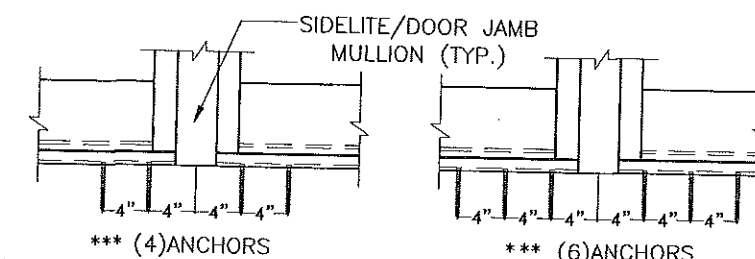


**MAXIMUM ANCHOR SPACING "S" & CORRESPONDING ASD DESIGN  
PRESSURE RATING SCHEDULE AT JAMBS OF DOOR, SIDELITE & TRANSOM**

SUBSTRATE	ANCHOR TYPE	A.S.D. DESIGN PRESSURE RATING (psf)	"S"
CONCRETE	1/4"Ø 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 \*\*\***

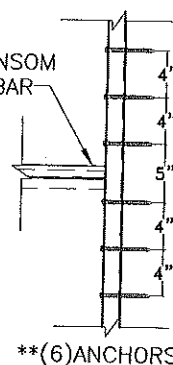
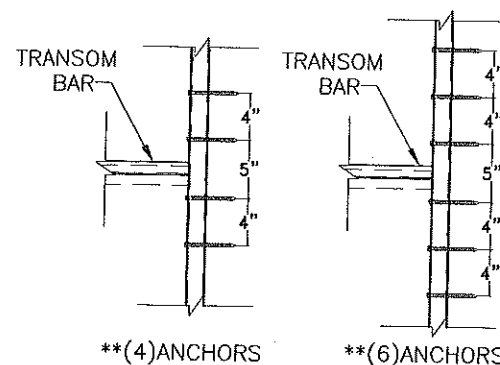
ASD DESIGN PRESSURE RATING	SUBSTRATE
	CONCRETE, BLOCK, WOOD, ALUM., STEEL
UP TO +67.5, -67.5 psf	4 ANCHORS
> +67.5, -67.5 psf UP TO +70, -70 psf	6 ANCHORS



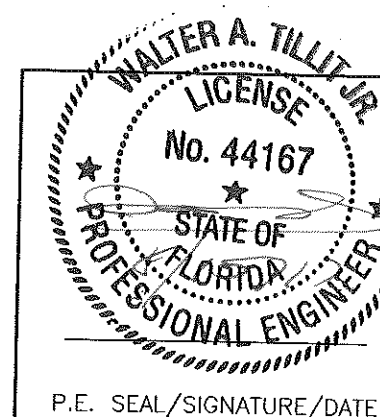
\*\*\* (6) ANCHORS

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

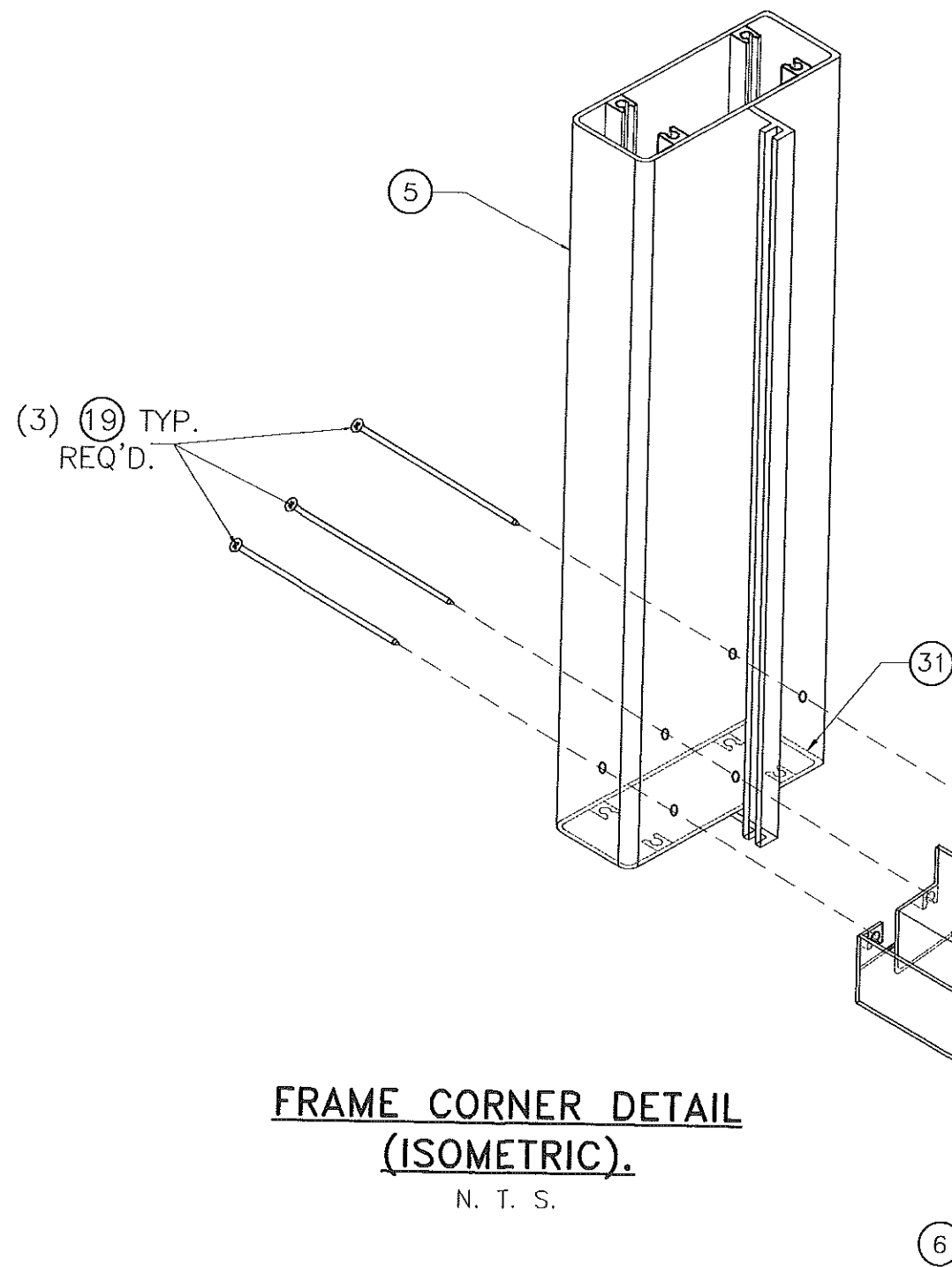
ASD DESIGN PRESSURE RATING	MAX. TRANSOM WIDTH	MAX. DOOR FRAME HEIGHT	TRANSOM HEIGHT	SUBSTRATE
				CONCRETE, BLOCK, WOOD, ALUM., STEEL
+45, -45 psf	6'-8"	8'-4"	2'-0"	4 ANCHORS
			3'-0"	4 ANCHORS
			4'-0"	4 ANCHORS
+55, -55 psf	6'-8"	8'-4"	2'-0"	4 ANCHORS
			3'-0"	4 ANCHORS
			4'-0"	6 ANCHORS
+70, -70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



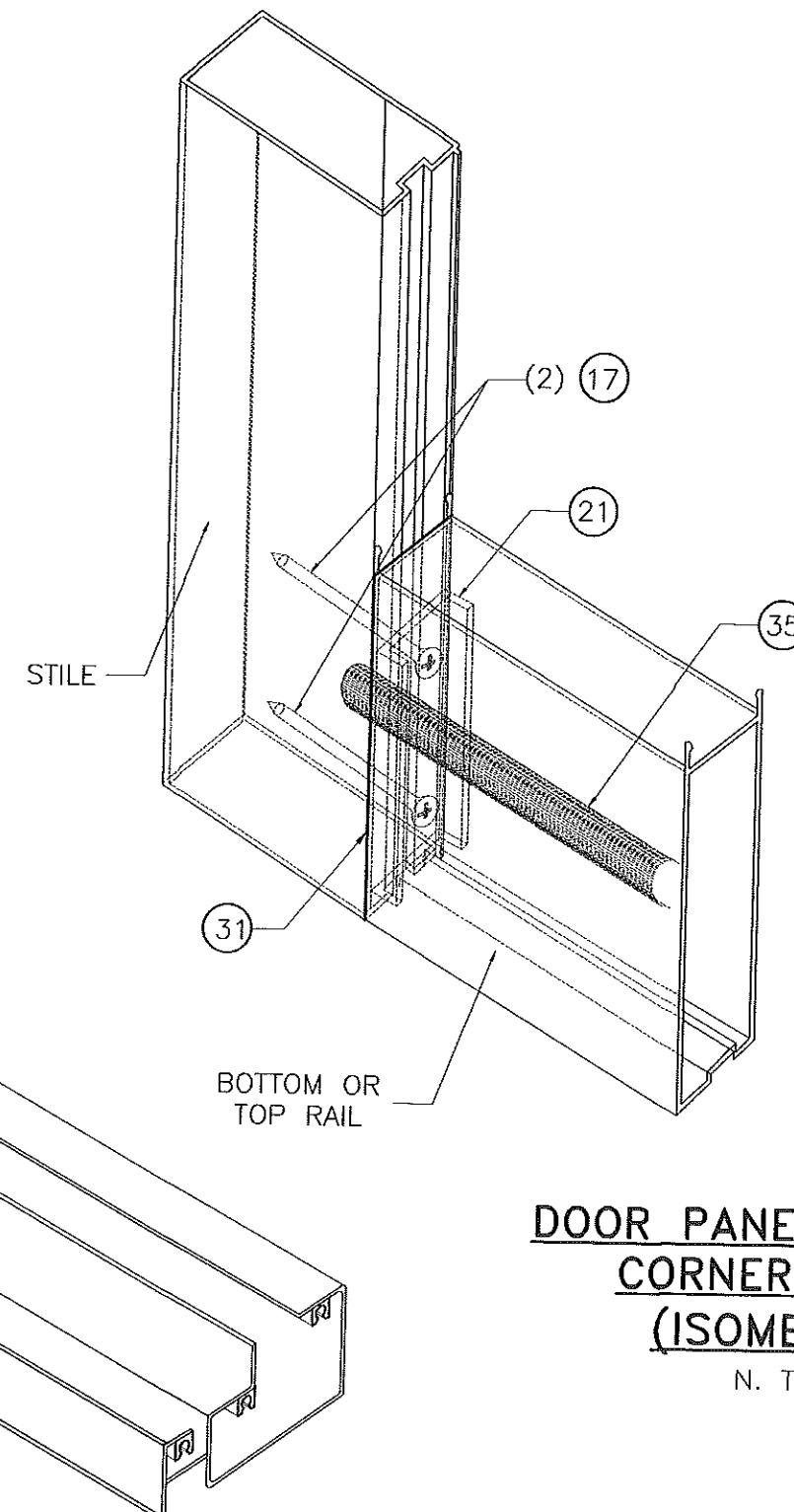
**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0124.01  
Expiration Date October 08, 2025  
By   
Miami-Dade Product Control



FLORIDA BUILDING CODE (HIGH VELOCITY HURRICANE ZONE)					
©2017 TILTECO, INC.		SERIES ADC-112556 ALUMINUM OUTSWING FRENCH DOOR W/NO TRANSOM OR SIDELITES		DRAWN BY L.C.	
 <b>TILTECO INC.</b> TILLIT TESTING & ENGINEERING COMPANY 8355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33186 Phone: (305)871-1530 Fax: (305)871-1531 e-mail: tilliteco@aol.com EB-0006719 WALTER A. TILLIT JR., P.E. FLORIDA Lic. # 44167		<b>ALUMINA DISTRIBUTION CENTER</b> 14475 NW 26th AVE. OPA-LOCKA, FL. 33054-3121		08/08/17 DATE	
				17-151 DRAWING No	
REV. No.	DESCRIPTION	DATE	REV. No.	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
SHEET 22 OF 24					

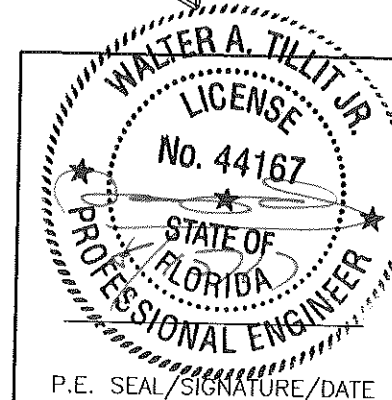


**FRAME CORNER DETAIL  
(ISOMETRIC).**  
N. T. S.

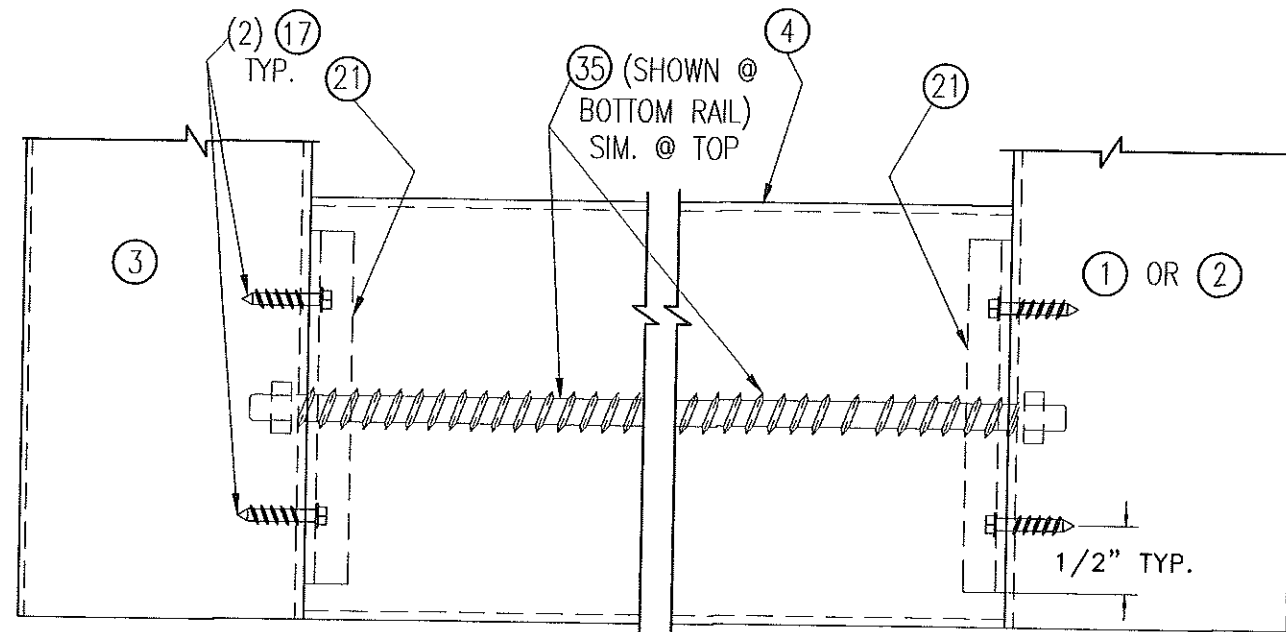


**DOOR PANEL & PANEL  
CORNER DETAIL  
(ISOMETRIC).**  
N. T. S.

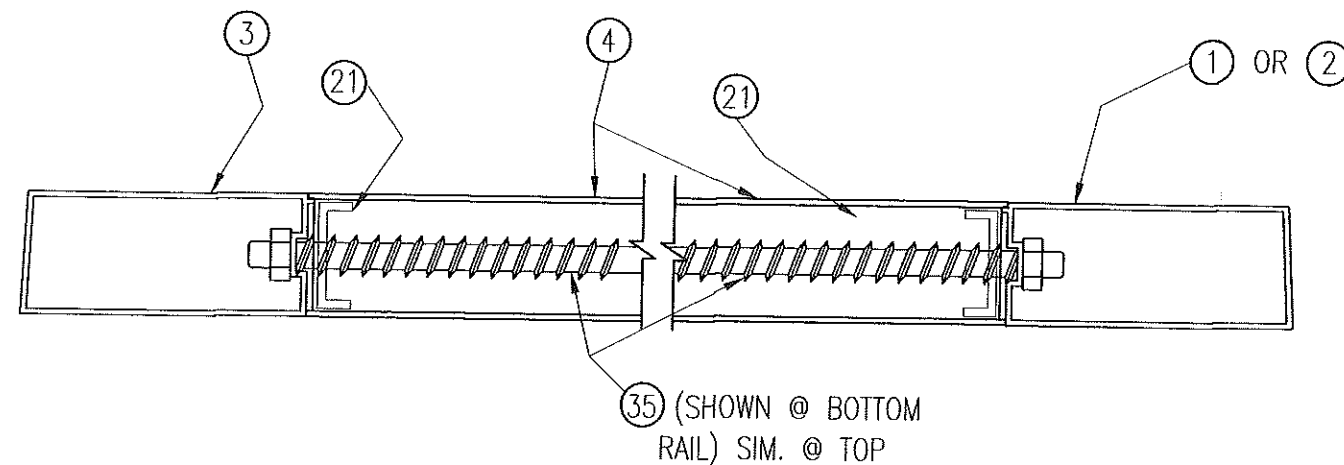
**PRODUCT RENEWED**  
as complying with the Florida  
Building Code  
NOA-No. 20-0124.01  
Expiration Date October 08, 2025  
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<b>TILTECO inc.</b> TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone : (305)871-1530 . Fax : (305)871-1531 e-mail: tilteco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167			ALUMINA DISTRIBUTION CENTER		08/08/17 DATE
			14475 NW 26 th AVE. OPA-LOCKA, FL. 33054-3121		17-151 DRAWING No
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
					SHEET 23 OF 24



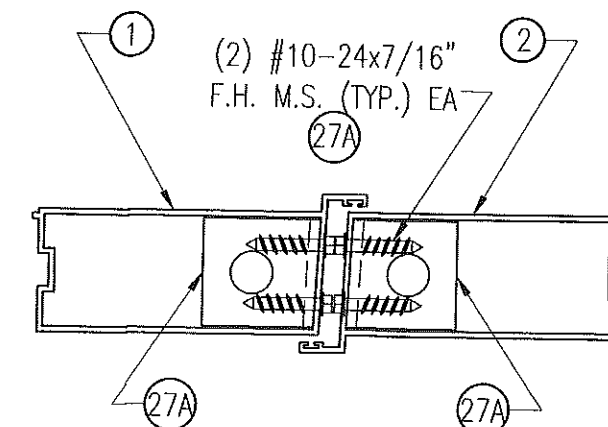
**ELEVATION**



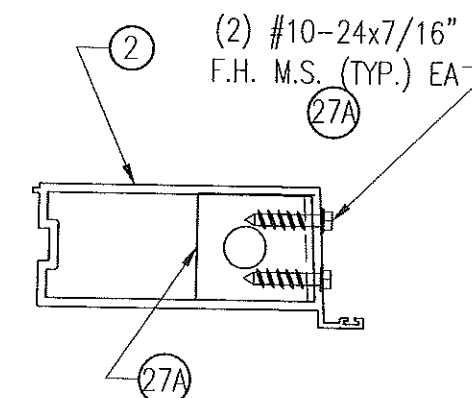
**PLAN**

**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**

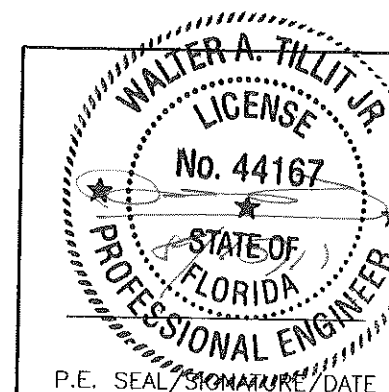
**SHOOT BOLT GUIDE DETAIL  
AT TOP & BOTTOM STILES**

SCALE: 3/8"=1"

**PRODUCT RENEWED**  
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Building Code  
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P.E. SEAL/SIGNATURE/DATE

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<b>TILTECO INC.</b> <small>TILLIT TESTING &amp; ENGINEERING COMPANY          6355 N.W. 36th. St., Ste. 305, VIRGINIA GARDENS, FL 33168          Phone : (305)871-1530 . Fax : (305)871-1531          e-mail: tilteco@aol.com          EB-0006719          WALTER A. TILLIT Jr. P.E.          FLORIDA Lic. # 44167</small>			<b>ALUMINA DISTRIBUTION CENTER</b> <small>14475 NW 26 th AVE.          OPA-LOCKA, FL.          33054-3121</small>		08/08/17 DATE
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 15-250	08/08/17	3		
2			4		
17-151 DRAWING No					SHEET 24 OF 24