

E.F. SAN JUAN, INC.

OUTSWING WOOD ENTRY DOORS

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE 9TH EDITION (2026) FLORIDA BUILDING CODE (FBC) AND FLORIDA RESIDENTIAL CODE (FRC) REQUIREMENTS EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURE(S) STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORTS NCTL-210-3699-1, NCTL-210-3699-2, NCTL-210-3699-3, NCTL-210-3699-4 DATED 02-07-11 AND ASSOCIATED STAMPED LABORATORY TEST DRAWINGS.PERFORMANCE STANDARDS USED IN TESTING INCLUDE:

- 1.1. AAMA/WDMA/CSA 101/I.S. 2/A440-05
- 1.2. ASTM E330-02
- 1.3. ASTM E1886-02/05
- 1.4. ASTM E1996-02/05

2. THIS PRODUCT EVALUATION DOCUMENT IS NOT FOR USE IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ).

3. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE / MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT ACTING AS THE DESIGN PROFESSIONAL OF RECORD FOR THE PROJECT OF INSTALLATION.

4. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT ACTING AS THE DESIGN PROFESSIONAL OF RECORD FOR THE PROJECT OF INSTALLATION.

5. THE INSTALLATION DETAILS DESCRIBED IN THIS PRODUCT EVALUATION DOCUMENT ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED IN THIS PRODUCT EVALUATION DOCUMENT, SITE SPECIFIC DOCUMENTS SHALL BE PREPARED FOR USE WITH THIS DOCUMENT BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT.

6. MATERIALS
- 6.1. DOOR
- 6.1.1. DOOR FRAME - CEDAR/MAHOGANY
- 6.1.2. DOOR SLAB STILES AND RAILS - CEDAR/MAHOGANY
- 6.1.3. DOOR SLAB CORES (WHERE APPLICABLE) - BALTIC BIRCH PLYWOOD
- 6.2. LAMINATED GLASS INTERLAYER
- 6.2.1. TROSIFOL PVB INTERLAYER BY KURARAY AMERICA, INC. PER CURRENT MD NOTICE OF ACCEPTANCE (NOA) FOR COMPONENT APPROVAL.

7. GLAZING
- 7.1. GLASS SHALL COMPLY WITH THE SAFETY GLAZING REQUIREMENTS OF THE FLORIDA BUILDING CODE, SECTION 2406 AS APPLICABLE.
- 7.2. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-2024.

8. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.

9. TESTED AND/OR APPROVED HARDWARE:
- 9.1. LOCKING HARDWARE
- 9.1.1. ASHLAND MULTI-POINT HARDWARE
- 9.1.2. INGERSOLL RAND, VON DUPRIN WS9827/9927 EXIT DEVICE
- 9.2. HINGES
- 9.2.1. DELTANA SS45US32D 4-1/2" X 4-1/2" STAINLESS STEEL HINGE
- 9.2.2. PBB INC. BB5145 4-1/2" X 4-1/2" STAINLESS STEEL HINGE

10. DESIGNATION "X" AND "O" STANDS FOR THE FOLLOWING:
- 10.1. X: OPERABLE PANEL
- 10.2. O: FIXED PANEL

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES, & D.P. CHART
2	GENERAL INSTALLATION NOTES
3	ELEVATIONS
4	ELEVATIONS
5	ANCHOR ELEVATIONS
6	ANCHOR ELEVATIONS
7	ANCHOR ELEVATIONS
8	VERTICAL SECTIONS
9	VERTICAL SECTIONS & GLAZING DETAILS
10	VERTICAL SECTIONS
11	HORIZONTAL SECTIONS
12	HORIZONTAL SECTIONS
13	MULION END ANCHOR DETAILS
14	TYPICAL APPROVED CONFIGURATIONS

PERFORMANCE RATINGS			
CONFIGURATION	MAX. DOOR SIZE	DESIGN PRESSURE (PSF)	IMPACT RATING
X	38-3/8" X 109-15/16"	±65.0 PSF	WIND ZONE 4 MISSILE LEVEL D
XO, OX, XX	74-1/2"X 109-15/16"	±65.0 PSF	
OXX	124 X 109-15/16"	±65.0 PSF	
OXXO	173-1/2" X 109-15/16"	±65.0 PSF	
O / X	38-1/2" X 159-7/16"	±65.0 PSF	
O / XX	74-1/2" X 159-7/16"	±65.0 PSF	
OOO / OXXO	152-1/2" X 153-7/16"	±65.0 PSF	
OOO / OXXO	176-1/2" X 153-7/16"	±60.0 PSF	
SATISFIES WATER PENETRATION RESISTANCE REQUIREMENTS.			

PROJECT NO. ACE-2025-129

UPDATE TO 9TH ED.
(2026) FBC

7/22/26

RJA

UPDATE TO 8TH ED.
(2023) FBC

2/10/23

RJA

UPDATE TO 7TH ED.
(2020) FBC

7/8/2020

RJA

DESCRIPTION

DATE

BY

E.F. SAN JUAN, INC.

11442 HIGHWAY 231

YOUNGSTOWN, FL 32466

TITLE:

OUTSWING WOOD ENTRY DOORS

GENERAL NOTES, INSTALLATION NOTES & D.P. CHART

DRAWN BY:

RJA

DATE:

04/25/11

SCALE:

N.T.S.

DRAWING NO:

SAN0001

REV:

H

SHEET:

1 OF 14

AMORUSO CONSULTING ENG., LLC

FBPE REGISTRATION NO. 38327

226 N NOVA RD, NO. 142

ORMOND BEACH, FL 32174

RJAENGPE@GMAIL.COM

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



SIGNED/SEALED: 7/22/26

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION. IN ADDITION TO THE INSTALLATION ANCHORS SHOWN, TWO (2) INSTALLATION ANCHORS ARE REQUIRED IN EACH HINGE. LOCATE HINGE ANCHORS IN THE TOP AND BOTTOM HOLE OF EACH HINGE LEAF INTO THE HINGE JAMB. ANCHORS ARE TO MATCH TYPE AND EMBEDMENT OF THOSE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE. SEE NOTES 4 AND 5 FOR INSTALLATION ANCHOR TYPE, SIZE, EMBEDMENT AND EDGE DISTANCE.
3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
4. FOR INSTALLATION INTO WOOD FRAMING, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCH.
5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 1/4 INCH ITW ADVANCED THREADFORM TECHNOLOGY TAPCONS OR EQUAL OF SUFFICIENT LENGTH TO ACHIEVE 1 INCH MINIMUM EMBEDMENT FOR CMU BLOCK AND 1 1 /2 INCH MINIMUM EMBEDMENT FOR CONCRETE.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).
7. FOR CONCRETE BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
8. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

8.1. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42.

8.2. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI

8.3. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT
9. HINGES: 4.5" X 4.5" BUTT. IN ADDITION TO THE INSTALLATION ANCHORS SHOWN, TWO (2) INSTALLATION ANCHORS ARE REQUIRED IN EACH HINGE. LOCATE HINGE ANCHORS IN THE TOP AND BOTTOM HOLE OF EACH HINGE LEAF INTO THE HINGE JAMB. ANCHORS ARE TO MATCH TYPE AND EMBEDMENT OF THOSE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE. SEE NOTES 4 AND 5 FOR INSTALLATION ANCHOR TYPE, SIZE, EMBEDMENT AND EDGE DISTANCE.
10. SEE SHEET 13 FOR COMPOSITE MULLION INSTALLATION ANCHORAGE DETAILS.
11. FASTENER CORROSION PROTECTION:

11.1. ALL FASTENERS SHALL BE CORROSION RESISTANT, OR HAVE A CORROSION RESISTANT COATING. SEE NOTE 11.2 BELOW.

11.2. FASTENERS EXPOSED TO SALTWATER ENVIRONMENTS WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL COMPLY WITH SECTION 1711 OF THE 9TH EDITION (2026) FLORIDA BUILDING CODE AND SECTION R332 OF THE 9TH EDITION (2026) FLORIDA RESIDENTIAL CODE WHEN APPLICABLE.

ANCHOR SCHEDULE (see note 11 above)							
SUBSTRATE	FRAME TYPE	ANCHOR TYPE	SIZE	MANUFACTURER AND SPECIFICATION	EMBEDMENT (IN)	EDGE DISTANCE (IN)	ANCHOR CAPACITY BASED ON
CONCRETE	FRAME	FLATHEAD	1/4"	I.T.W. TAPCONS (1)	1-1/2"	1-1/2"	MIN. 2500 PSI CONC.
MASONRY (BLOCK/CMU)	FRAME	FLATHEAD	1/4"	I.T.W. TAPCONS (1)	1"	2"	STRENGTH CONFORMANCE TO ASTM C-90, MED. WEIGHT
WOOD	FRAME	FLATHEAD	#12	ANSI B18.6.1 WOOD SCREW (2)	1-1/2"	7/8"	WOOD WITH A MIN. S.G. OF 0.42
WOOD MULL	FRAME	FLATHEAD	#14	ANSI B18.6.1 WOOD SCREW (3)	3" LONG SCREW	1"	WOOD WITH A MIN. S.G. OF 0.42

1. ITW (ADVANCED THREADFORM TECHNOLOGY) TAPCONS WILL BE USED FOR CONCRETE/MASONRY INSTALLATION.
2. FOR NO. 12 WOOD SCREWS, IF SPLITTING IS A CONCERN, DRILL 1/8" PILOT HOLE (DRILL SIZE 30).
3. FOR NO. 14 WOOD SCREWS, IF SPLITTING IS A CONCERN, DRILL 5/32" PILOT HOLE (DRILL SIZE 25).

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



SIGNED/SEALED: 7/22/26

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UPDATE TO 9TH ED. (2026) FBC

7/22/26

RJA

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2/10/23

RJA

UPDATE TO 7TH ED. (2020) FBC

7/8/2020

RJA

DESCRIPTION

DATE

BY

E.F. SAN JUAN, INC.

11442 HIGHWAY 231

YOUNGSTOWN, FL 32466

TITLE:

GENERAL NOTES, INSTALLATION NOTES & D.P. CHART

DRAWN BY:

RJA

DATE:

04/25/11

SCALE:

N.T.S.

DRAWING NO:

SAN0001

REV:

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SHEET:

2 OF 14

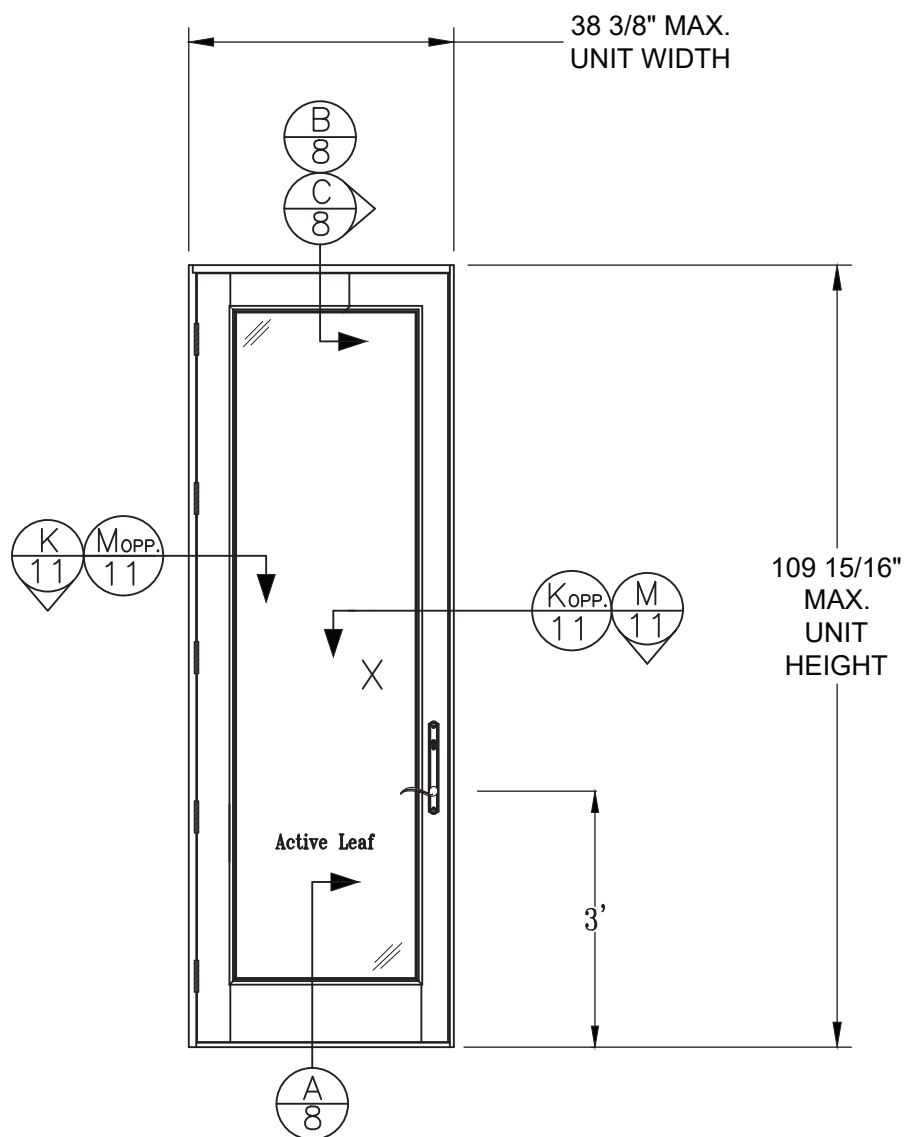
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FBPE REGISTRATION NO. 38327

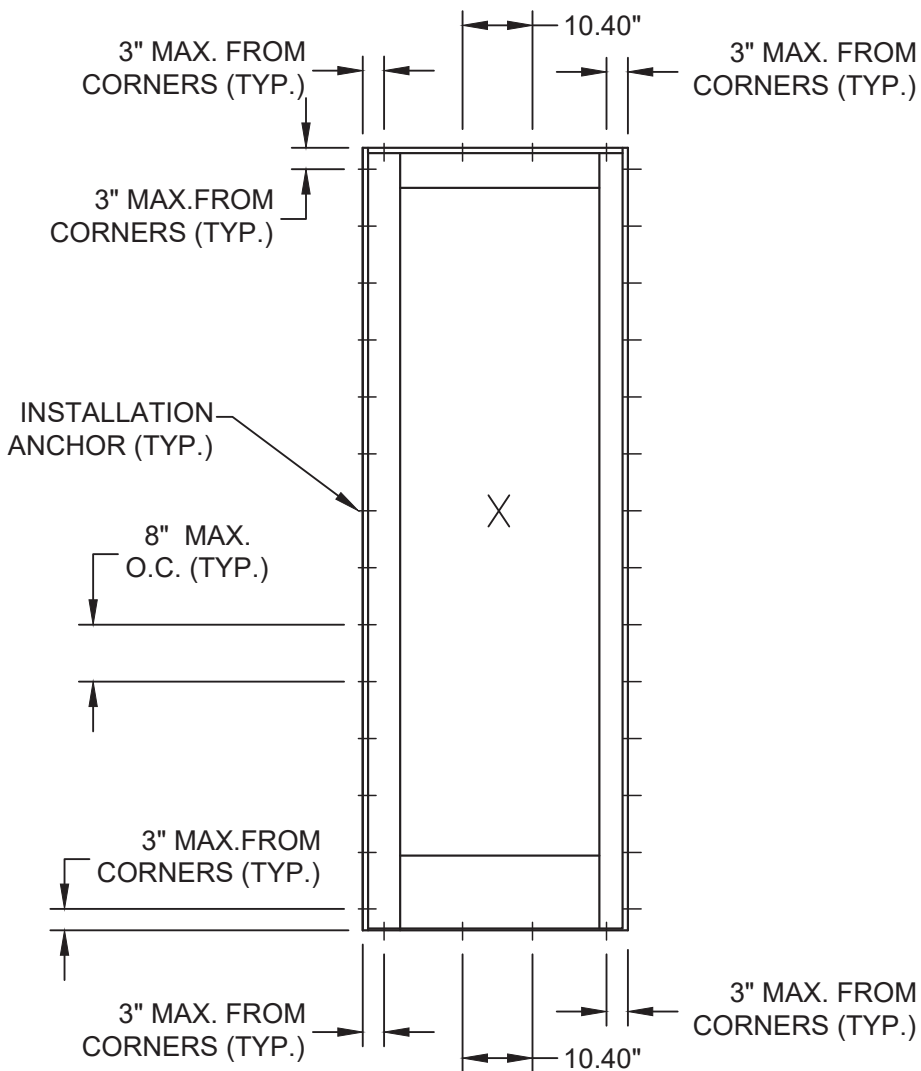
226 N NOVA RD, NO. 142

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SINGLE WOOD IMPACT DOORS
ELEVATION VIEWED FROM EXTERIOR



ANCHOR LAYOUT
EXTERIOR VIEW
(SEE INSTALLATION NOTES, SHEET 2)

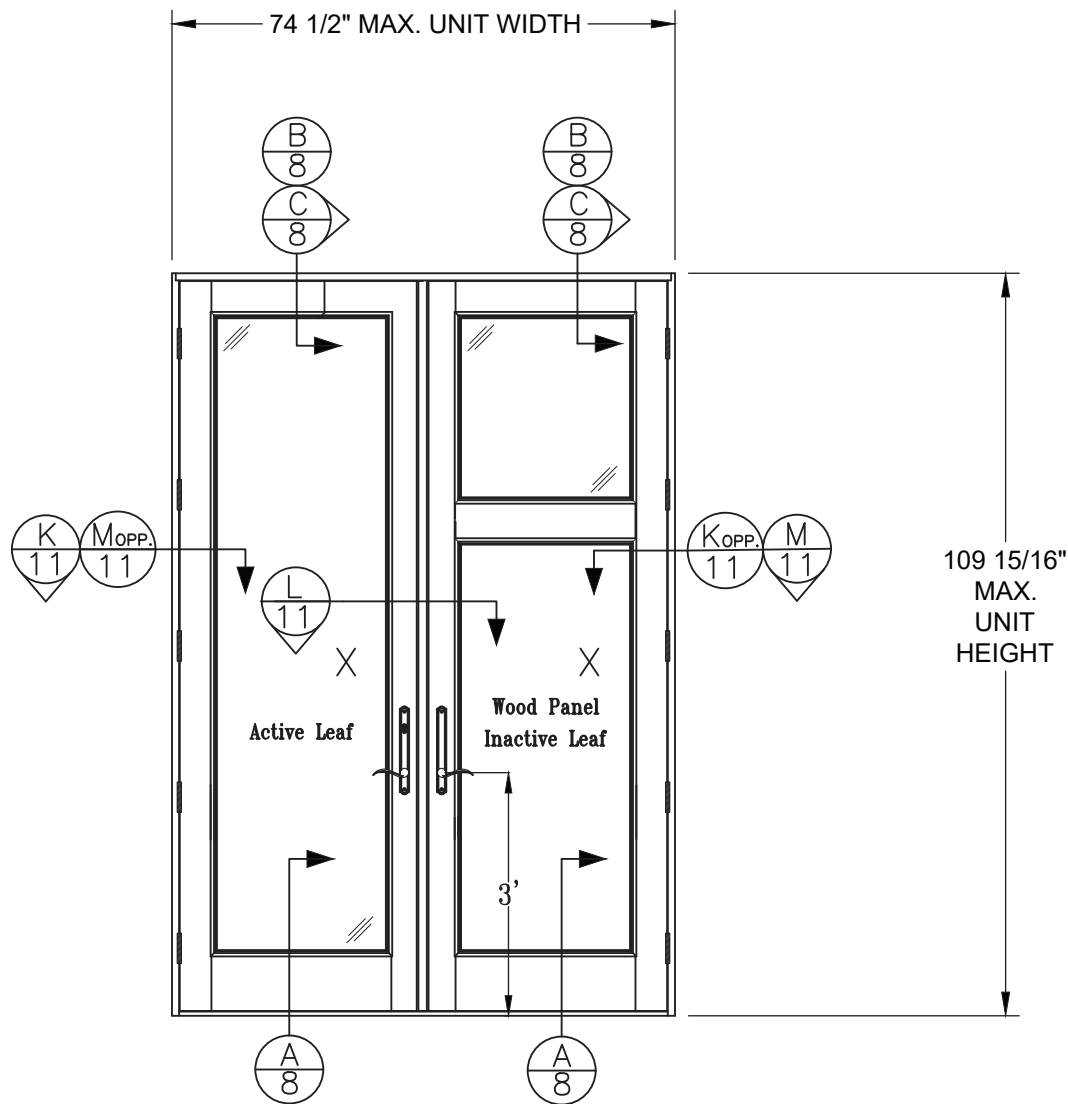
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G	UPDATE TO 8TH ED. (2023) FBC	2/10/23	RJA
F	UPDATE TO 7TH ED. (2020) FBC	7/8/2020	RJA
REV	DESCRIPTION	DATE	BY

E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466		DATE: 04/25/11	
OUTSWING WOOD ENTRY DOORS ELEVATIONS & ANCHOR LAYOUTS		DRAWING NO: SAN0001	
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM		SHEET: 3 OF 14	
DRAWN BY: RJA		REV: H	
SCALE: N.T.S.		REV: H	

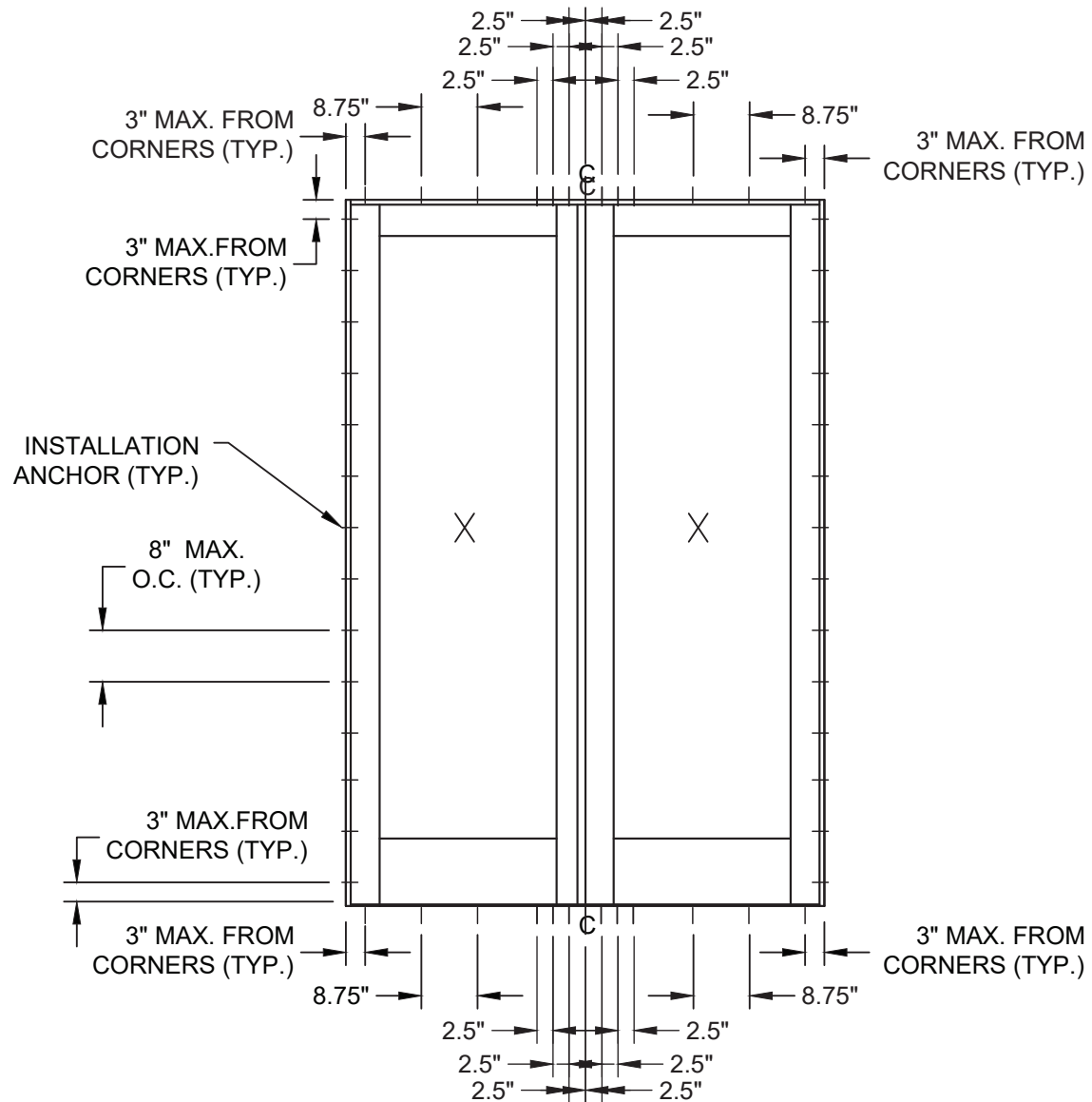
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Florida P.E. No. 49752



SIGNED/SEALED: 7/22/26



DOUBLE WOOD IMPACT DOORS
ELEVATION VIEWED FROM EXTERIOR



ANCHOR LAYOUT
EXTERIOR VIEW
(SEE INSTALLATION NOTES, SHEET 2)

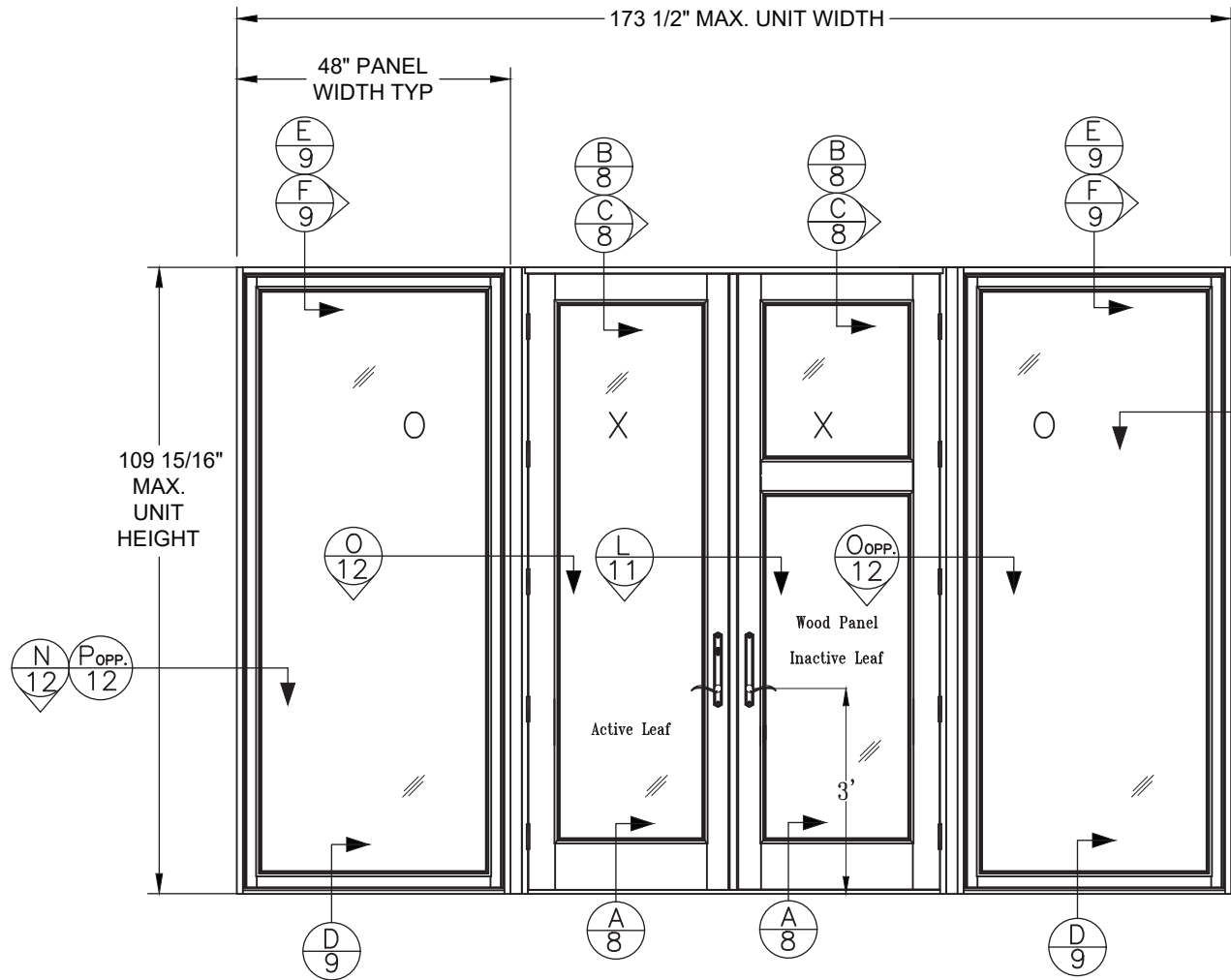
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AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM		SHEET: 4 OF 14	
DRAWN BY: RJA		SCALE: N.T.S.	
INSTALLATION ANCHOR (TYP.)		REV: H	

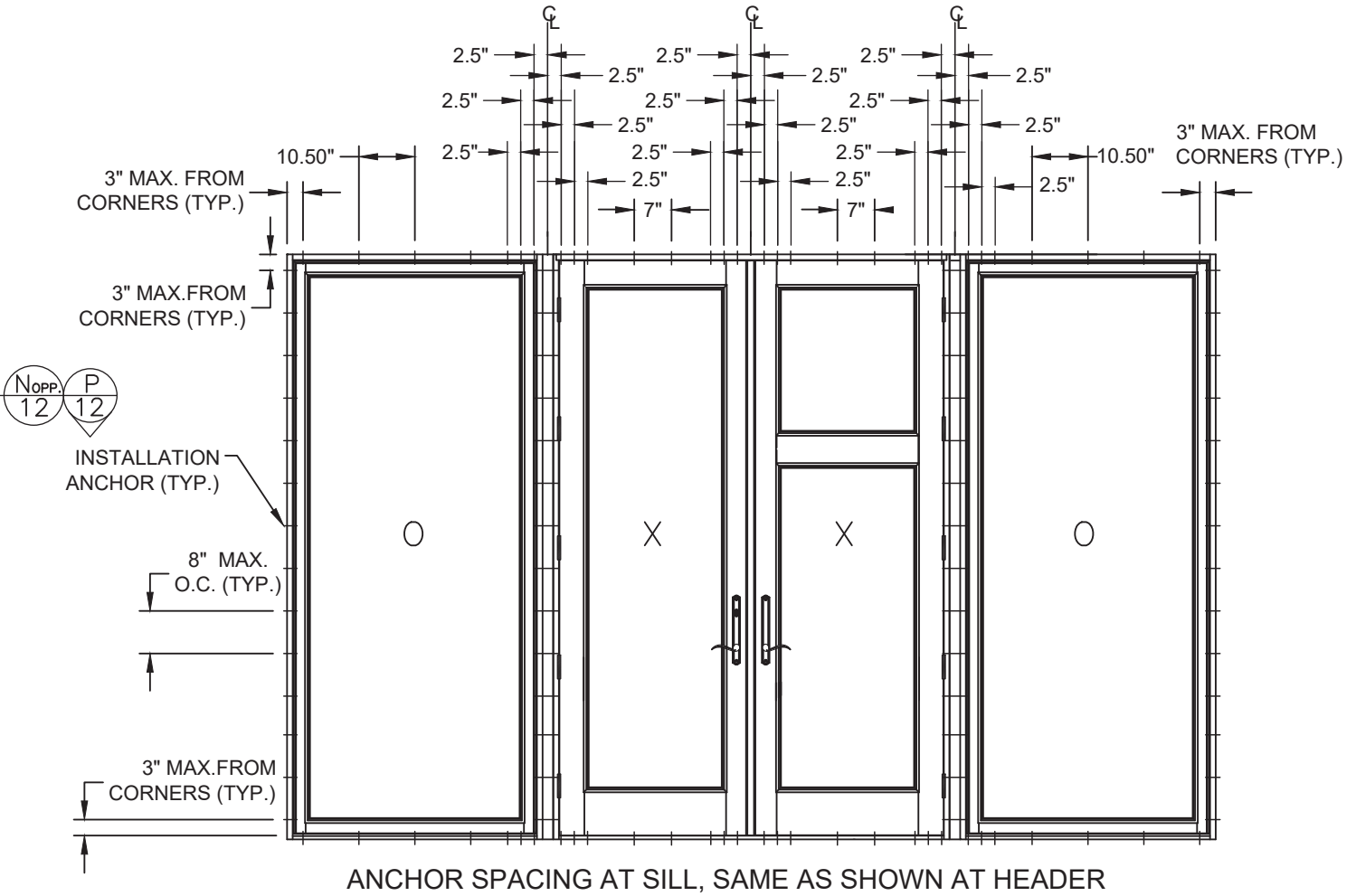
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Florida P.E. No. 49752



SIGNED/SEALED: 7/22/26



DOUBLE WOOD IMPACT DOORS
WITH TWO SIDELIGHTS
ELEVATION VIEWED FROM EXTERIOR



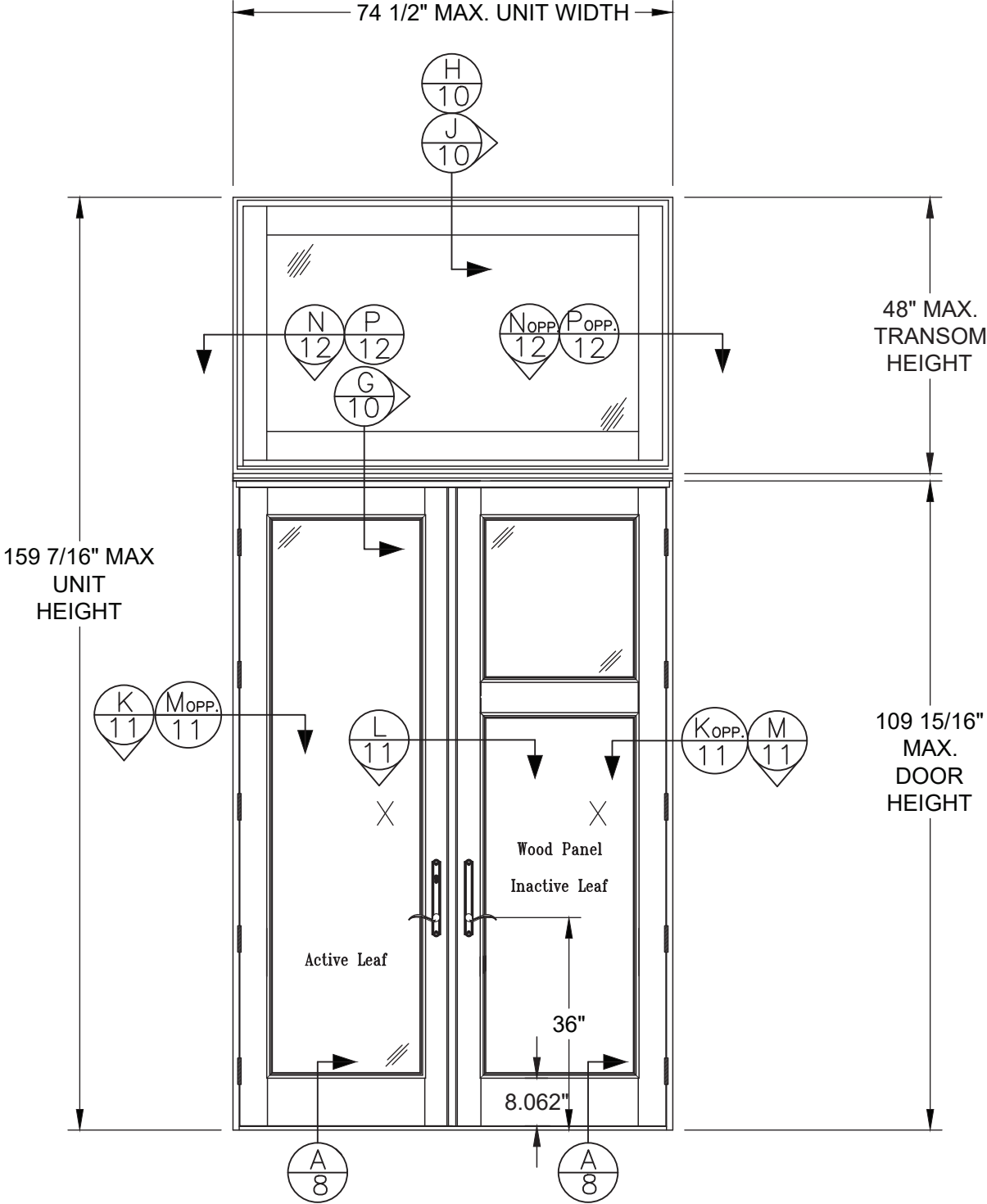
ANCHOR LAYOUT
EXTERIOR VIEW
(SEE INSTALLATION NOTES, SHEET 2)

PROJECT NO. ACE-2025-129				RJA		BY	
UPDATE TO 9TH ED. (2026) FBC				7/22/26		DATE	
UPDATE TO 8TH ED. (2023) FBC				2/10/23		RJA	
UPDATE TO 7TH ED. (2020) FBC				7/8/2020		RJA	
DESCRIPTION				REV		BY	
E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466 OUTSWING WOOD ENTRY DOORS ELEVATION AND ANCHOR LAYOUTS				DRAWN BY: RJA		DATE: 04/25/11	
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RIAENGPE@GMAIL.COM				SCALE: N.T.S.		DRAWING NO: SAN0001	
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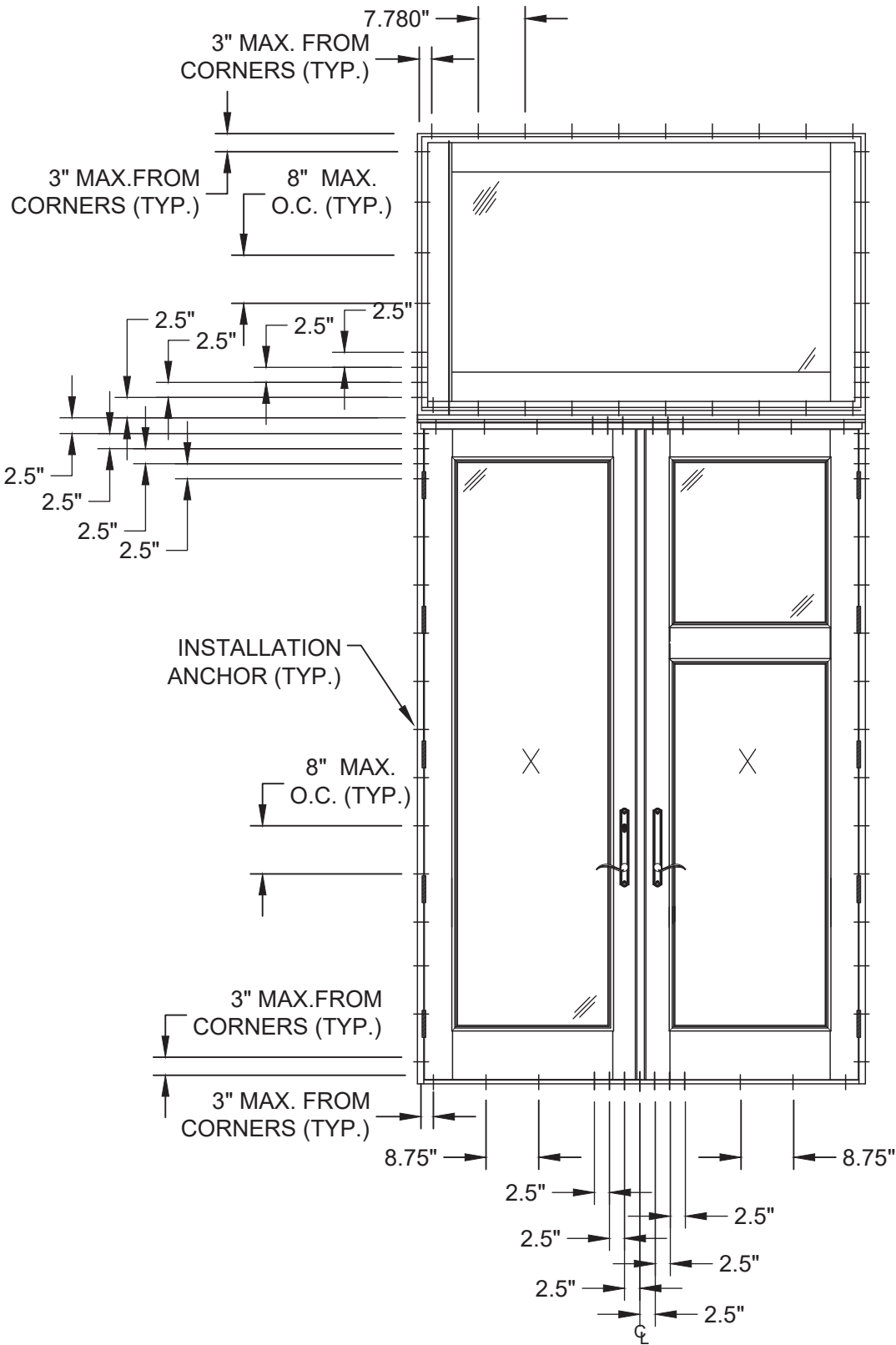
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DOUBLE WOOD IMPACT DOORS
WITH TRANSOM
ELEVATION VIEWED FROM EXTERIOR



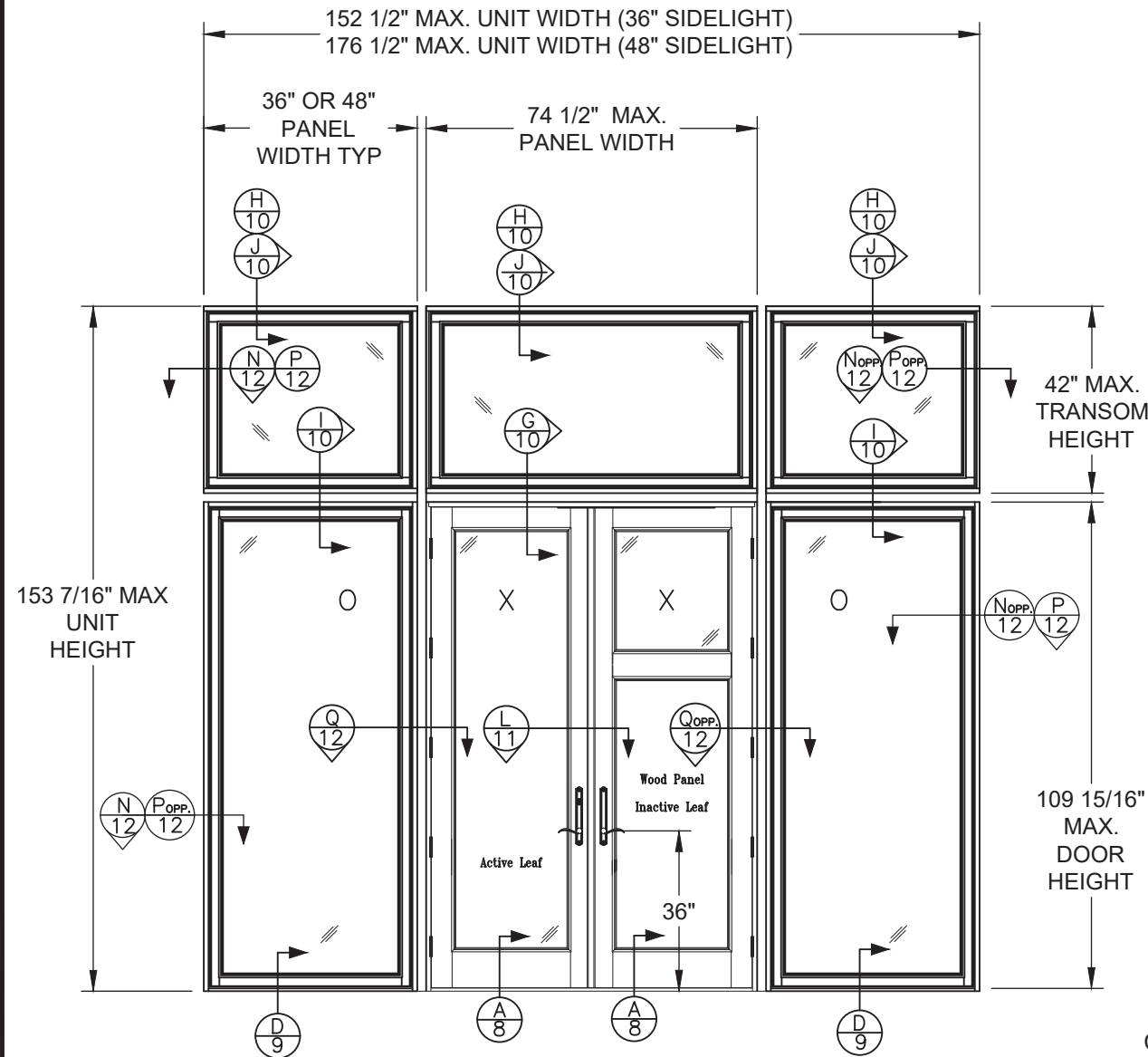
ANCHOR LAYOUT
EXTERIOR VIEW
(SEE INSTALLATION NOTES, SHEET 2)

E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466				PROJECT NO. ACE-2025-129			
TITLE: OUTSWING WOOD ENTRY DOORS ELEVATION AND ANCHOR LAYOUTS				H	UPDATE TO 9TH ED. (2026) FBC	7/22/26	RJA
				G	UPDATE TO 8TH ED. (2023) FBC	2/10/23	RJA
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM				F	UPDATE TO 7TH ED. (2020) FBC	7/8/2020	RJA
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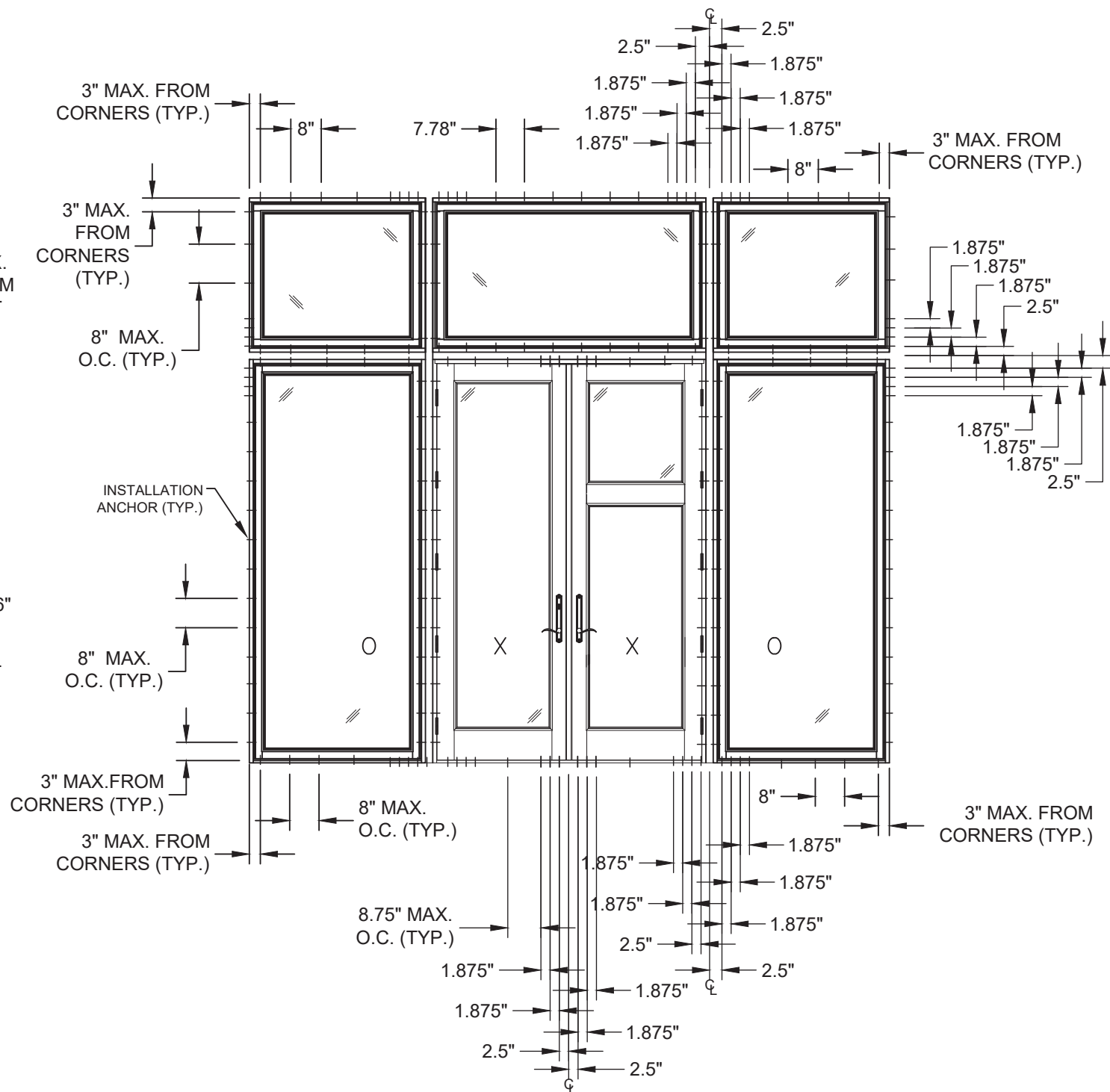
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Florida P.E. No. 49752



SIGNED/SEALED: 7/22/26



DOUBLE WOOD IMPACT DOORS
WITH TWO SIDELITES & TRANSOM
ELEVATION VIEWED FROM EXTERIOR



ANCHOR LAYOUT
EXTERIOR VIEW
(SEE INSTALLATION NOTES, SHEET 2)

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E.F. SAN JUAN, INC.

11442 HIGHWAY 231
YOUNGSTOWN, FL 32466

OUTSWING WOOD ENTRY DOORS
ELEVATION AND ANCHOR LAYOUTS

AMORUSO CONSULTING ENG., LLC

FBPE REGISTRATION NO. 38327

226 N NOVA RD, NO. 142

ORMOND BEACH, FL 32174

RIAENGPE@GMAIL.COM

DRAWN BY:

RJA

DATE:

04/25/11

DRAWING NO:

SAN0001

SCALE:

N.T.S.

REV:

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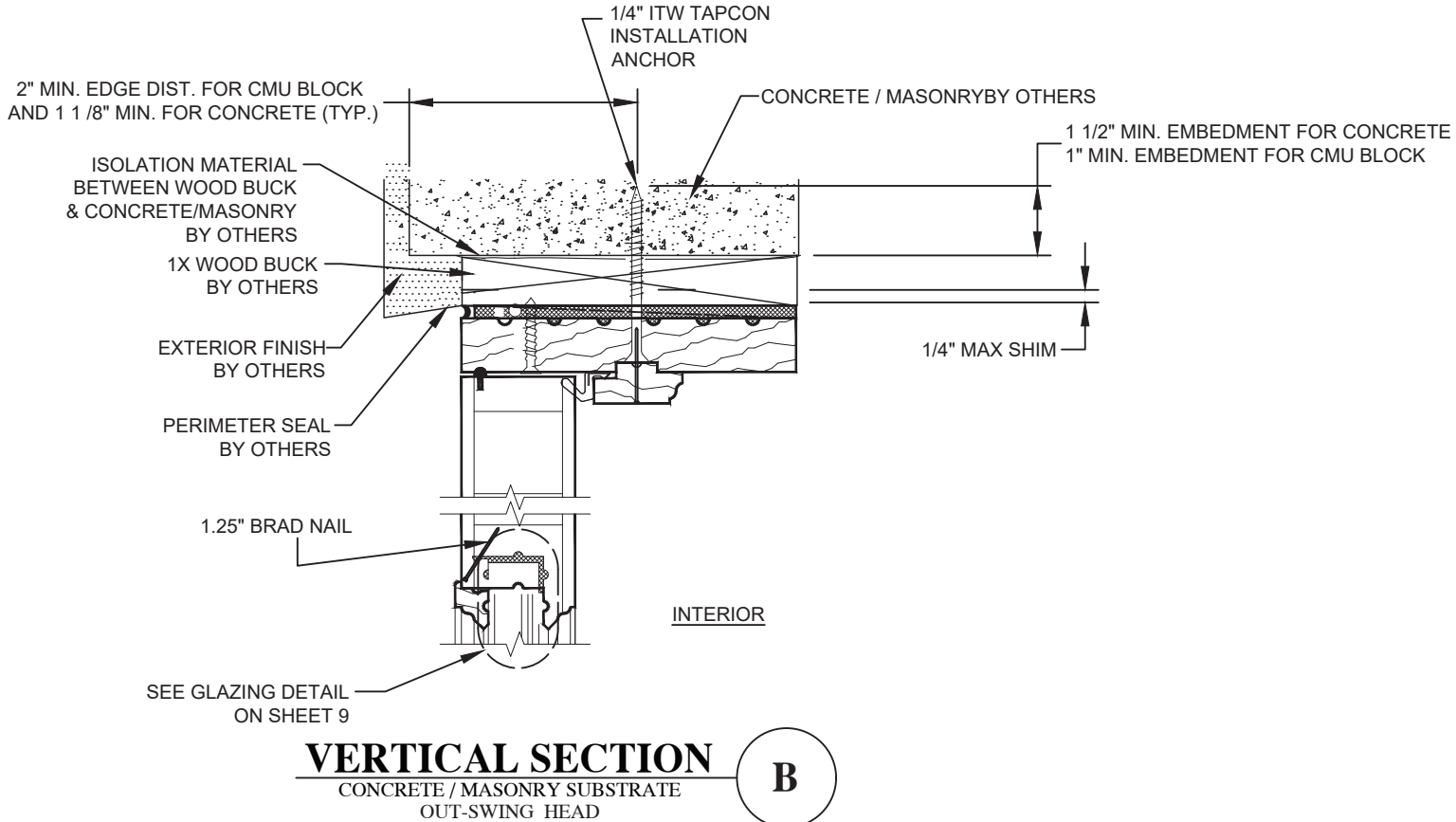
SHEET:

7 OF 14

Robert J. Amoruso, P.E.
Florida P.E. No. 49752

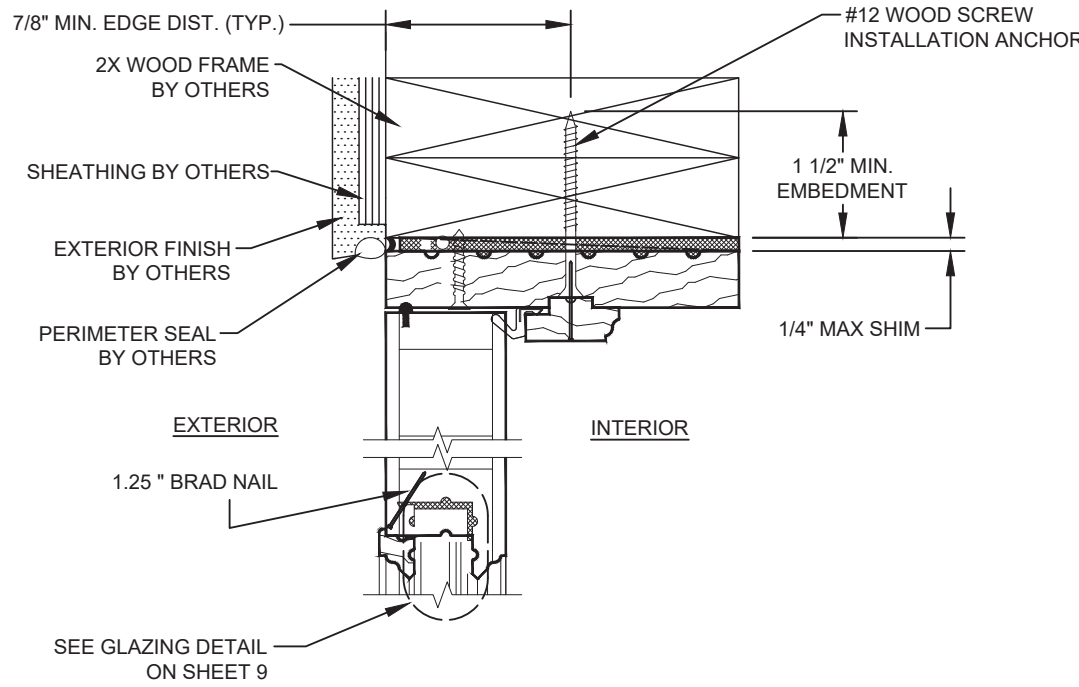


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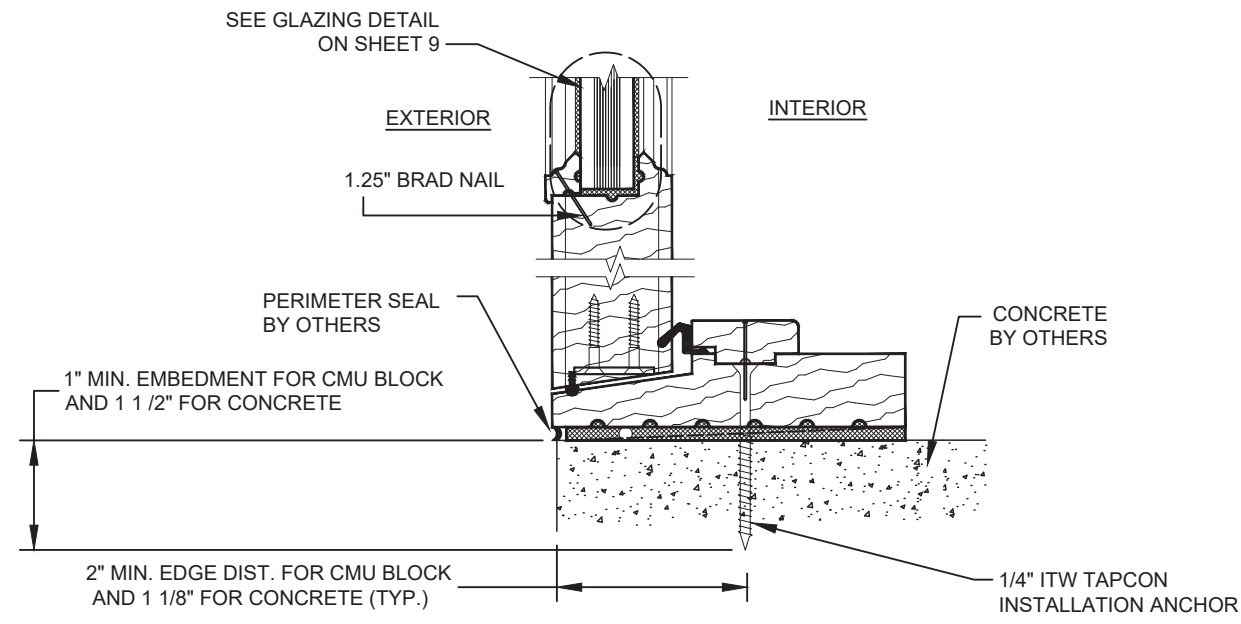
VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE
OUT-SWING HEAD

B



VERTICAL SECTION
WOOD SUBSTRATE OUT-SWING HEAD

C



VERTICAL SECTION
CONCRETE SUBSTRATE
OUT-SWING SILL

A

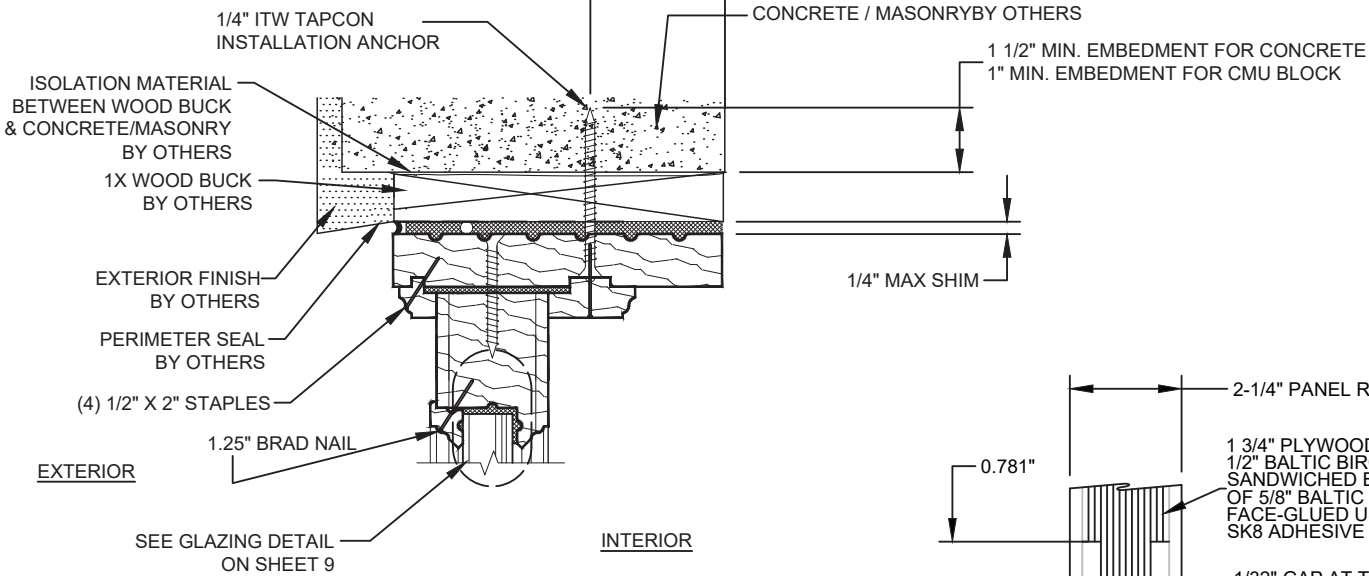
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UPDATE TO 9TH ED. (2026) FBC				H		G		F		DATE
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UPDATE TO 7TH ED. (2020) FBC										
DESCRIPTION				REV						
E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466				DRAWN BY:	RJA	DATE:	04/25/11	DRAWING NO.:	SAN0001	8 OF 14
OUTSWING WOOD ENTRY DOORS VERTICAL SECTIONS				SCALE:	N.T.S.					
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAEENGPE@GMAIL.COM				REV:	H					

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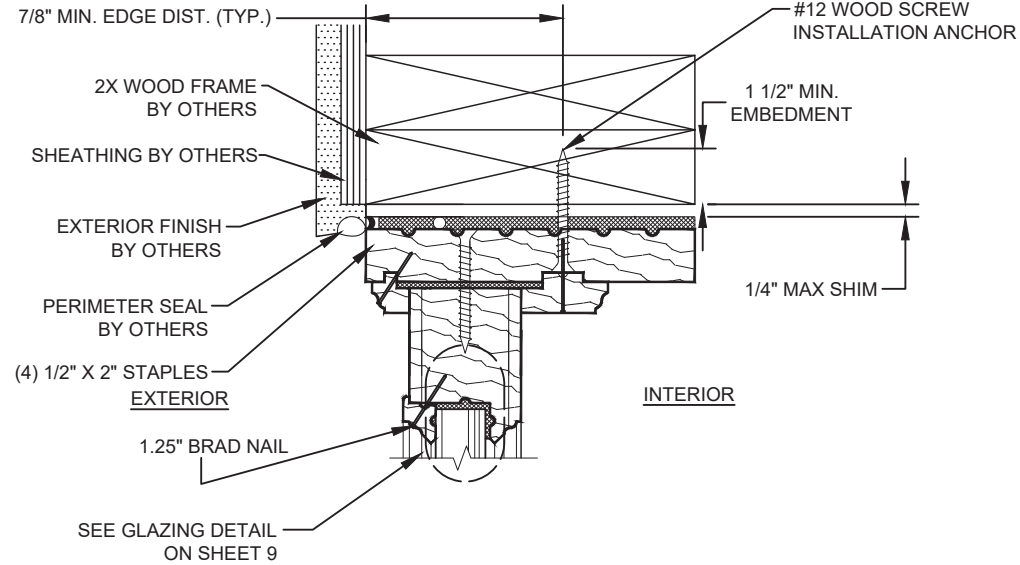
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2" MIN. EDGE DIST. FOR CMU BLOCK
AND 1 1/8" FOR CONCRETE (TYP.)



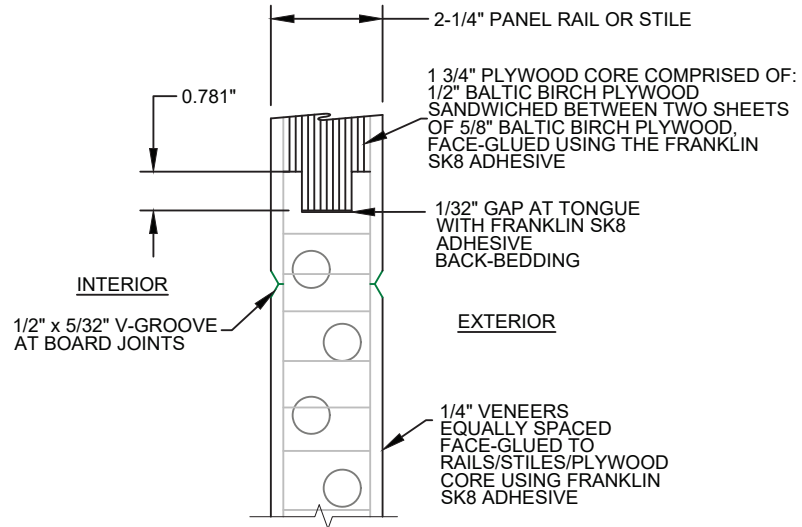
VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE
SIDELIGHT HEAD

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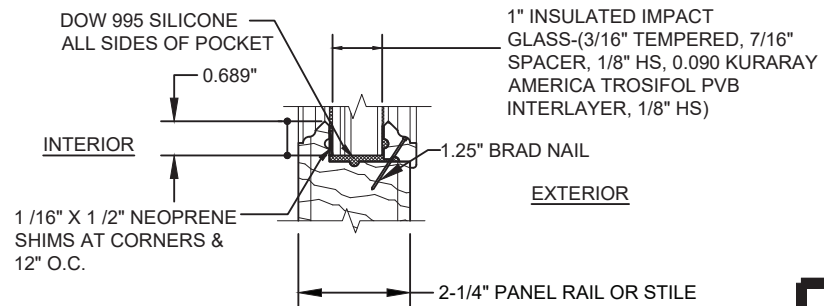


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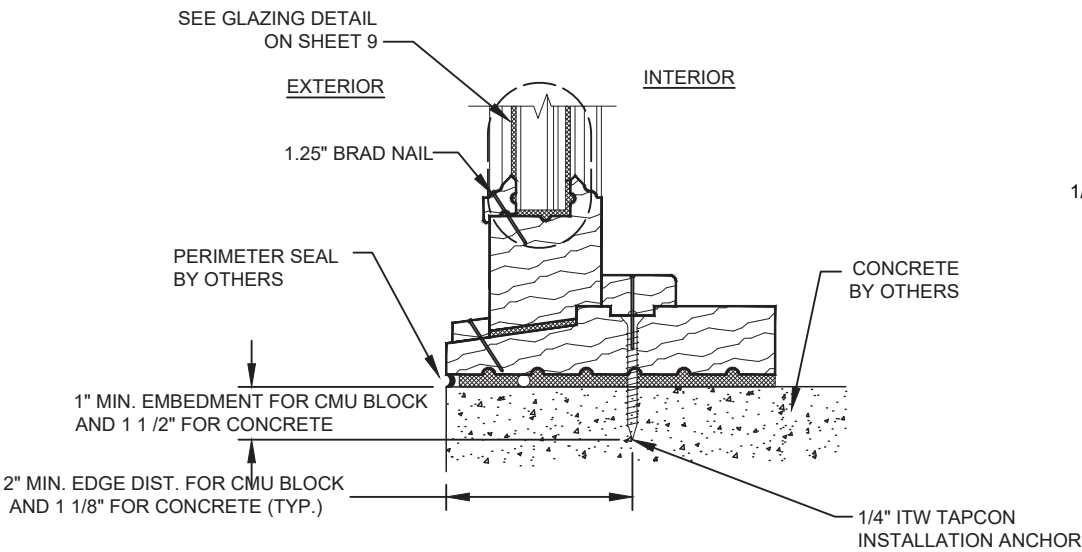
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PLYWOOD PANEL DETAIL
PLANK DOOR PANEL

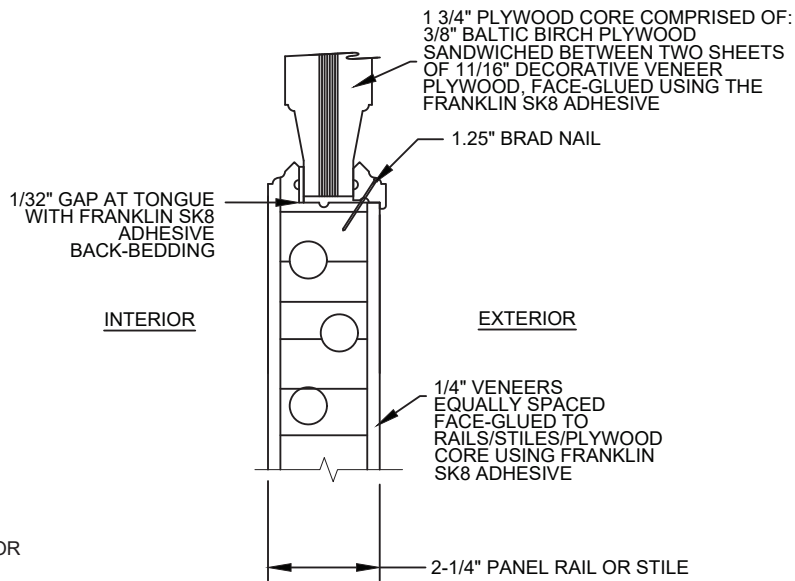


I.G. GLAZING DETAIL

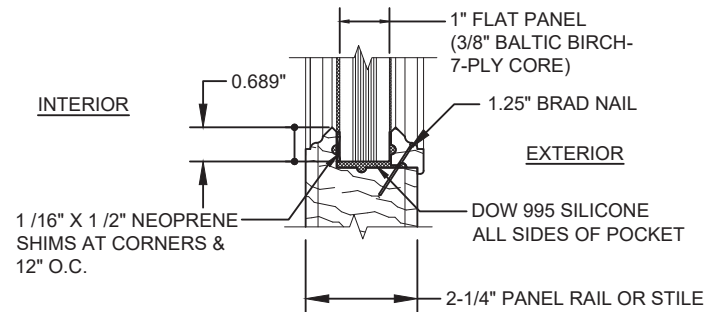


VERTICAL SECTION
CONCRETE SUBSTRATE
SIDELIGHT SILL

D



PLYWOOD PANEL DETAIL
RAISED DOOR PANEL



PLYWOOD PANEL DETAIL
FLAT DOOR PANEL

PROJECT NO. ACE-2025-129

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E.F. SAN JUAN, INC.

11442 HIGHWAY 231
YOUNGSTOWN, FL 32466

TITLE: OUTSWING WOOD ENTRY DOORS
VERTICAL SECTIONS & GLAZING DETAILS

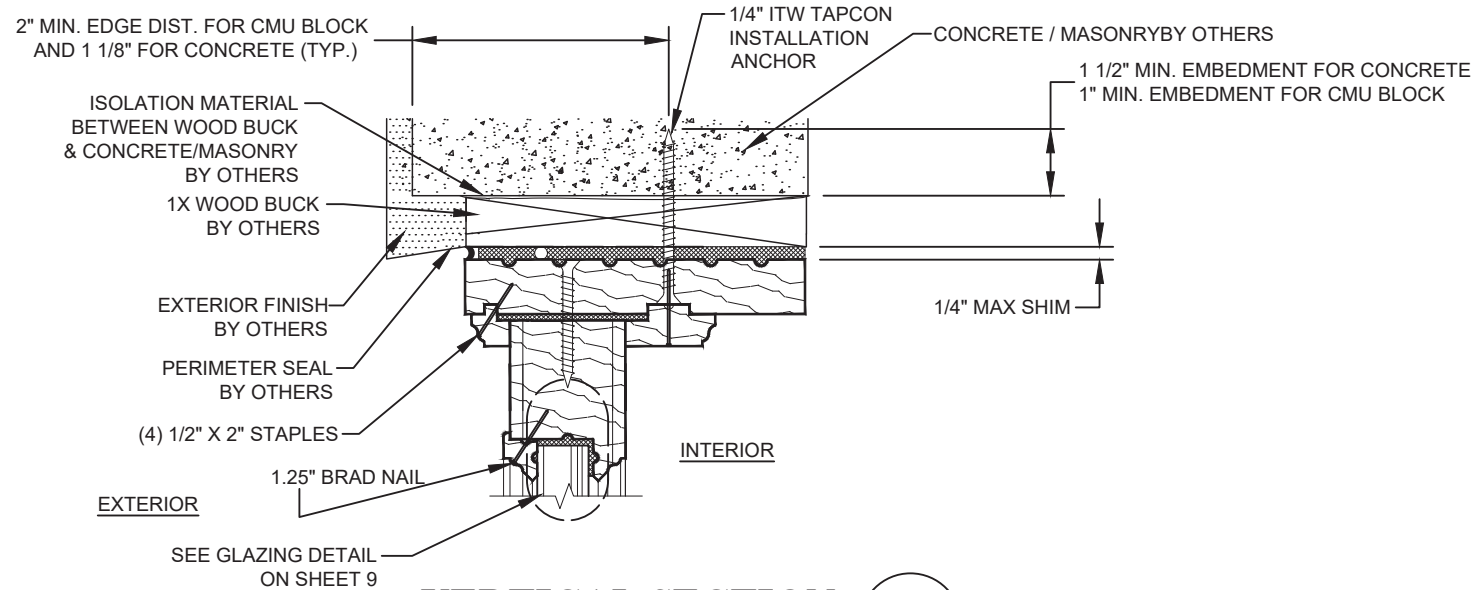
DRAWN BY: RJA	DATE: 04/25/11
SCALE: N.T.S.	DRAWING NO: SAN0001
REV: H	SHEET: 9 OF 14

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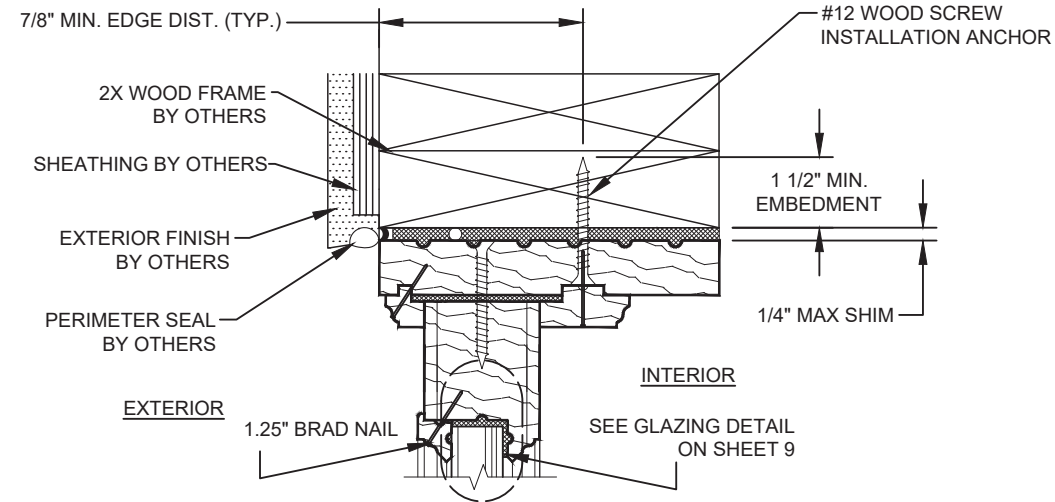
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



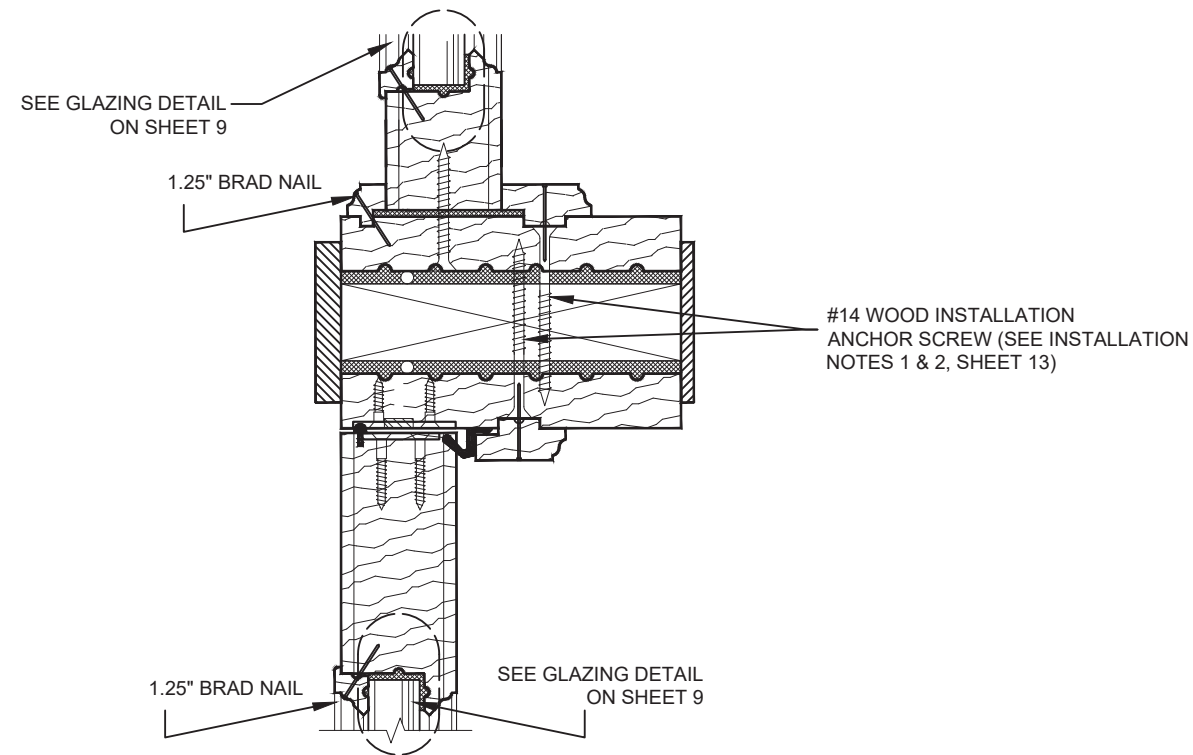
SIGNED/SEALED: 7/22/26



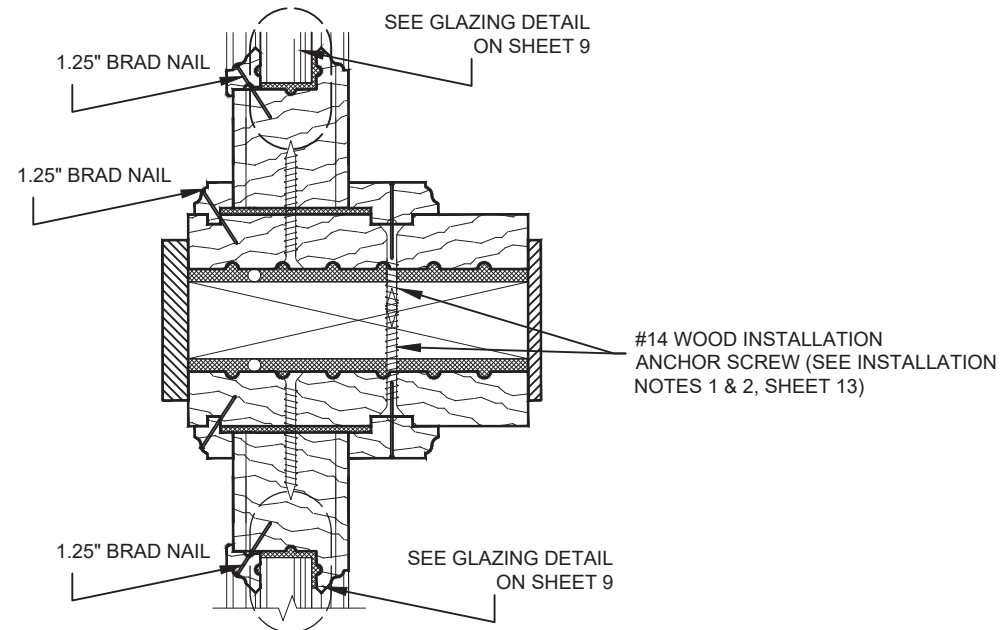
VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE
TRANSOM HEAD **H**



VERTICAL SECTION
WOOD FRAME SUBSTRATE
TRANSOM HEAD **J**



VERTICAL SECTION
FRAME HEAD & TRANSOM @ MULLION **G**



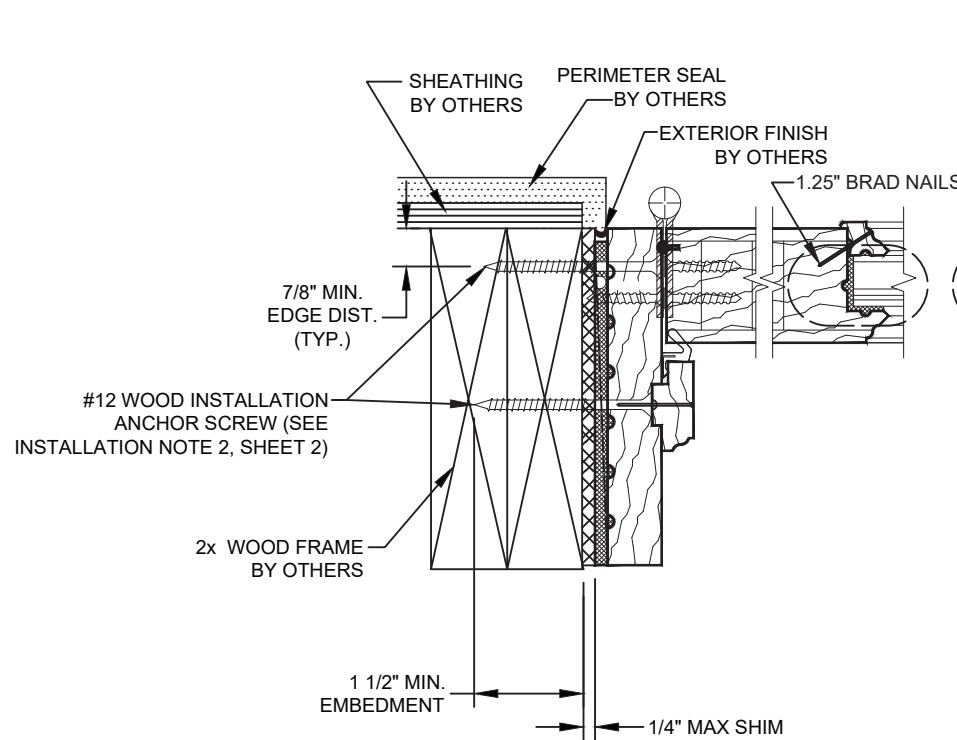
VERTICAL SECTION
SIDELIGHT HEAD MULLIED
@ TRANSOM SILL **I**

PROJECT NO. ACE-2025-129				
	RJA	7/22/26	RJA	
UPDATE TO 9TH ED. (2026) FBC				
H	G			
	RJA	2/10/23	RJA	
UPDATE TO 8TH ED. (2023) FBC				
G	F			
	RJA	7/8/2020	RJA	
UPDATE TO 7TH ED. (2020) FBC				
F	REV	DESCRIPTION	DATE	BY

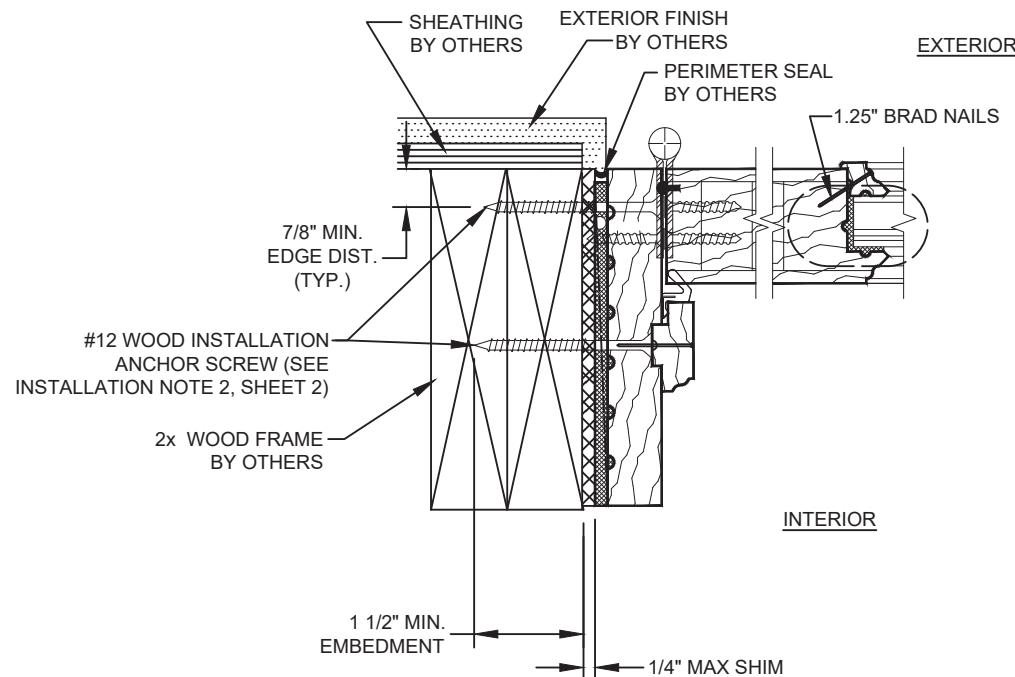
E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466		OUTSWING WOOD ENTRY DOORS VERTICAL SECTIONS	
		DRAWN BY:	RJA
		SCALE:	N.T.S.
		REV:	H
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM		DATE:	04/25/11
		DRAWING NO.:	SAN0001
		SHEET:	10 OF 14
		REV:	H

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Florida P.E. No. 49752

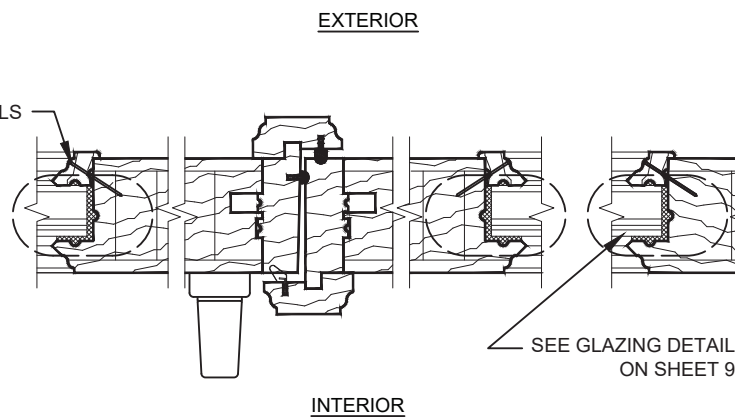




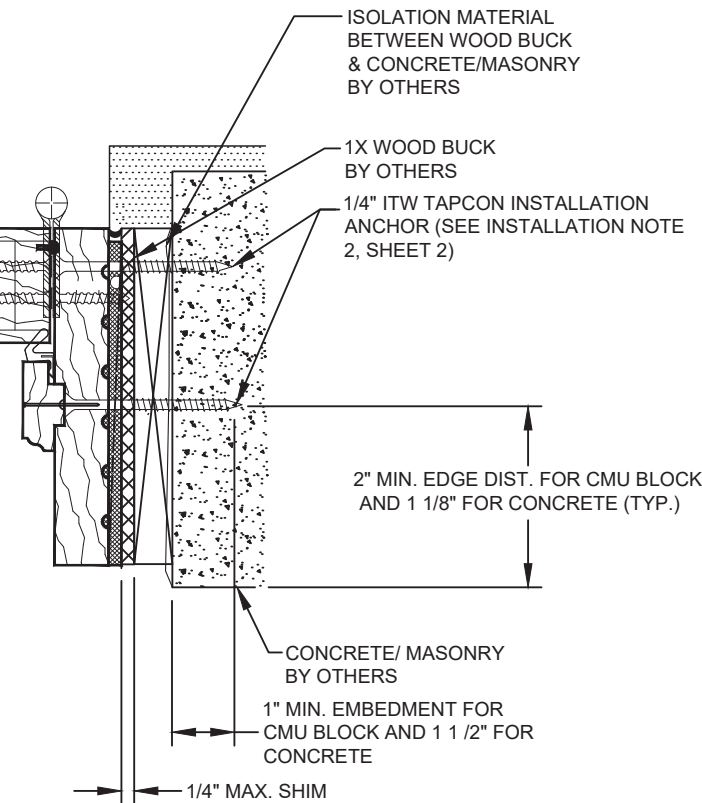
K **HORIZONTAL SECTION**
WOOD SUBSTRATE
OUT-SWING SHOWN



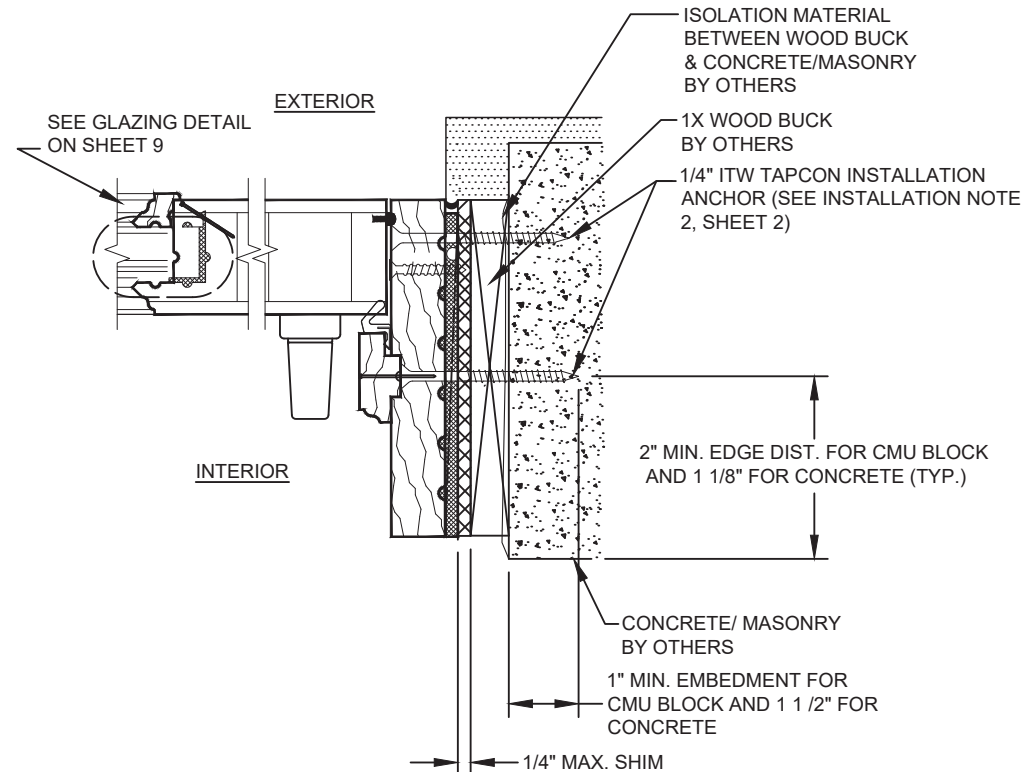
K **HORIZONTAL SECTION**
WOOD SUBSTRATE
OUT-SWING SHOWN



L **HORIZONTAL SECTION**
INTERIOR AND EXTERIOR WOOD ASTRAGAL
DOUBLE DOOR
XX



M **HORIZONTAL SECTION**
CONCRETE / MASONRY SUBSTRATE
OUT-SWING SHOWN



M **HORIZONTAL SECTION**
CONCRETE / MASONRY SUBSTRATE
OUT-SWING SHOWN

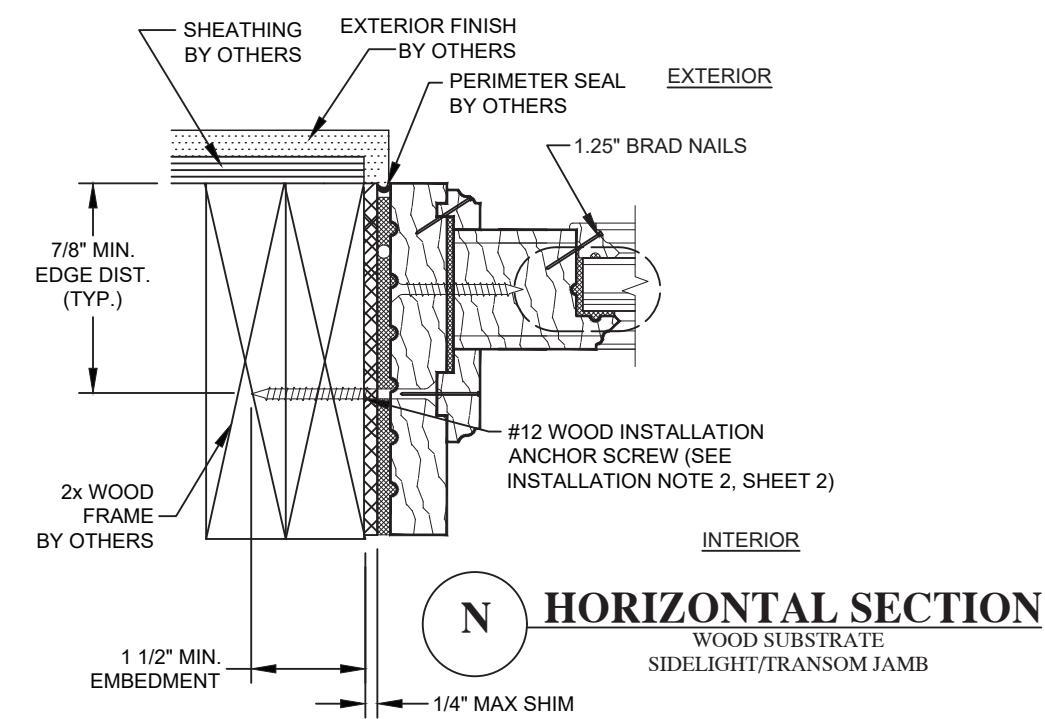
PROJECT NO. ACE-2025-129		RJA		BY
UPDATE TO 9TH ED. (2026) FBC	7/22/26	RJA		
UPDATE TO 8TH ED. (2023) FBC	2/10/23	RJA		
UPDATE TO 7TH ED. (2020) FBC	7/8/2020	RJA		
REV	DESCRIPTION		DATE	

E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466		DATE:	04/25/11
OUTSWING WOOD ENTRY DOORS HORIZONTAL SECTIONS		DRAWING NO:	SAN0001
DRAWN BY: RJA		SCALE:	N.T.S.
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM		REV:	H
		SHEET:	11 OF 14

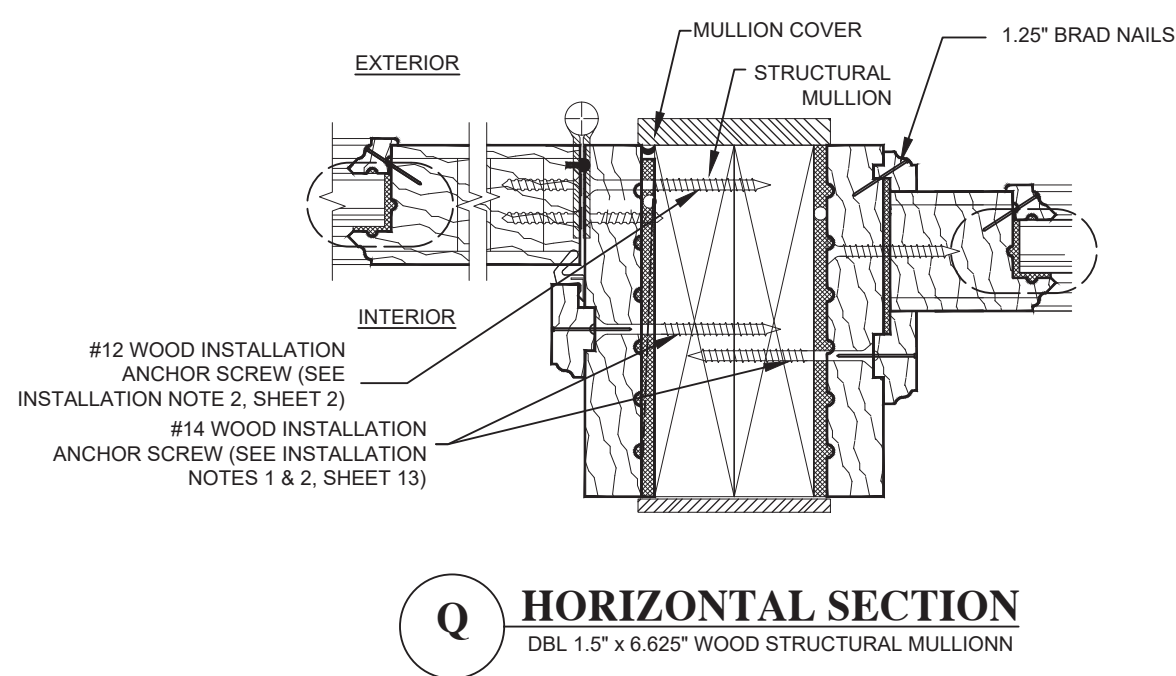
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



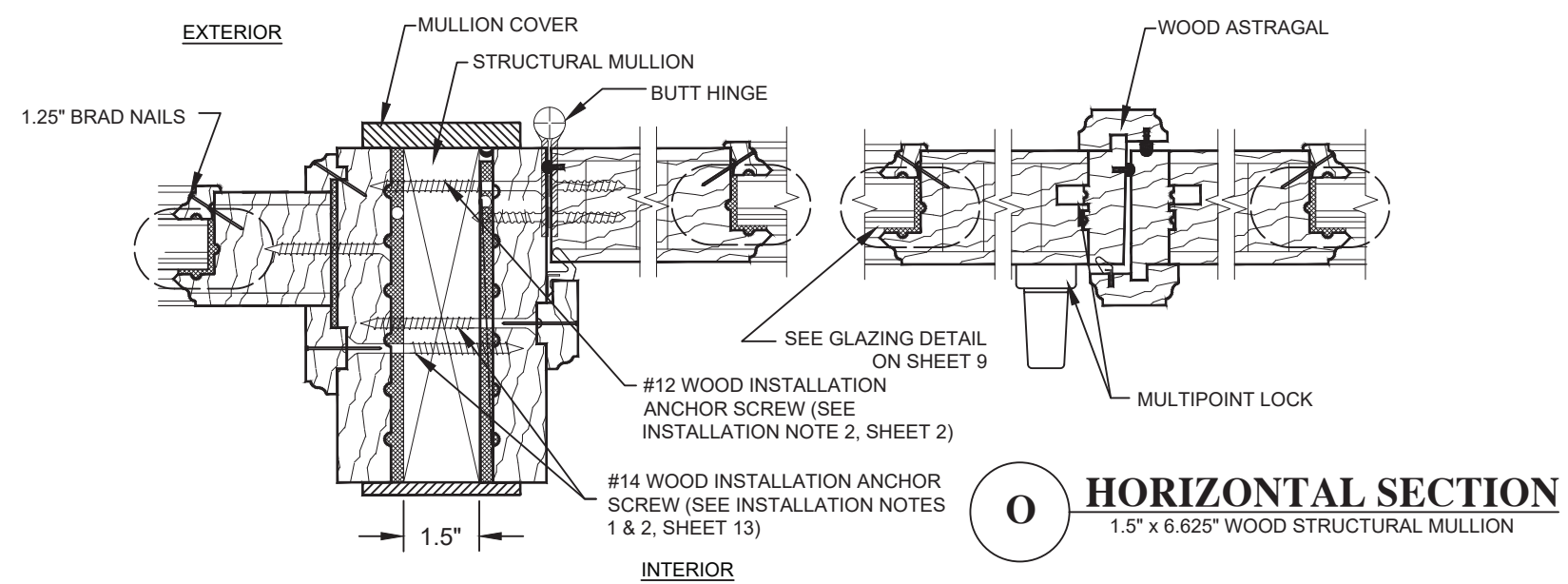
SIGNED/SEALED: 7/22/26



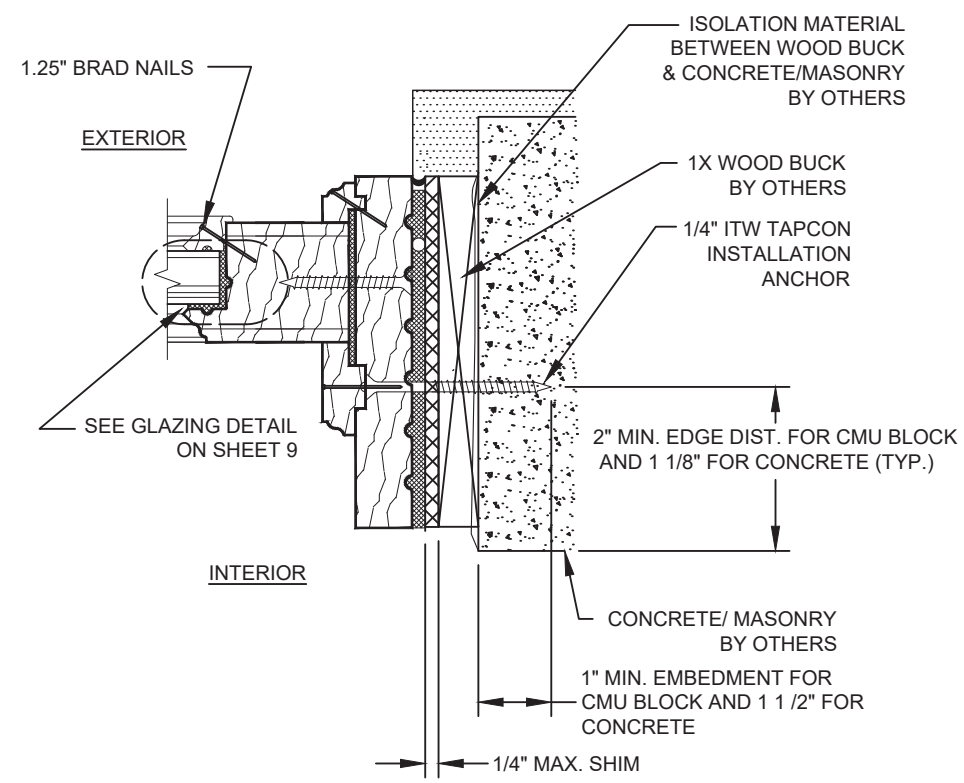
DOUBLE DOOR WITH SIDELIGHTS (OXXO)
AND
DOUBLE DOOR WITH SIDELIGHTS/TRANSOMS (OOO/OXXO)



DOUBLE DOOR WITH SIDELIGHTS (OXXO)
AND
DOUBLE DOOR WITH SIDELIGHTS/TRANSOMS (OOO/OXXO)



DOUBLE DOOR WITH SIDELIGHTS (OXXO)



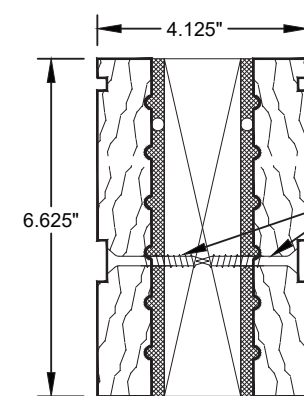
DOUBLE DOOR WITH SIDELIGHTS (OXXO)
AND
DOUBLE DOOR WITH SIDELIGHTS/TRANSOMS (OOO/OXXO)

PROJECT NO. ACE-2025-129		RJA	7/22/26	RJA	2/10/23	RJA	7/8/2020	BY
H		UPDATE TO 9TH ED. (2026) FBC		G	UPDATE TO 8TH ED. (2023) FBC		F	UPDATE TO 7TH ED. (2020) FBC
REV		DESCRIPTION		DATE		BY		
E.F. SAN JUAN, INC.		11442 HIGHWAY 231		DATE:	04/25/11	DRAWING NO:	SAN0001	SHEET: 12 OF 14
YOUNGSTOWN, FL 32466				SCALE:	N.T.S.	REV:	H	
OUTSWING WOOD ENTRY DOORS				DRAWN BY:		RJA		
HORIZONTAL SECTIONS				AMORUSO CONSULTING ENG., LLC		FBPE REGISTRATION NO. 38327		
				226 N NOVA RD, NO. 142		ORMOND BEACH, FL 32174		
				RJAENGPE@GMAIL.COM				

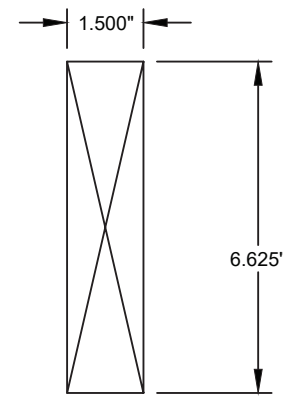
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



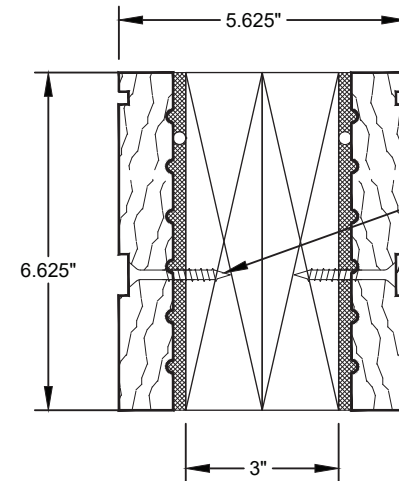
SIGNED/SEALED: 7/22/26



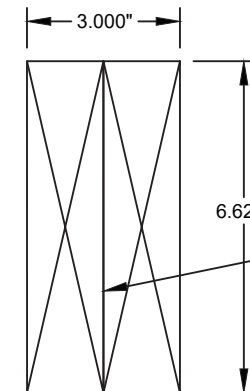
COMPOSITE
MULLION



**SINGLE
MULLION
POST**



COMPOSITE
MULLION



DOUBLE MULLION POST

FACE LAMINATED
WITH FRANKLIN SK8
GLUE (SEE
INSTALLATION
NOTE 2, SHEET 13)

MULLION INSTALLATION NOTES:

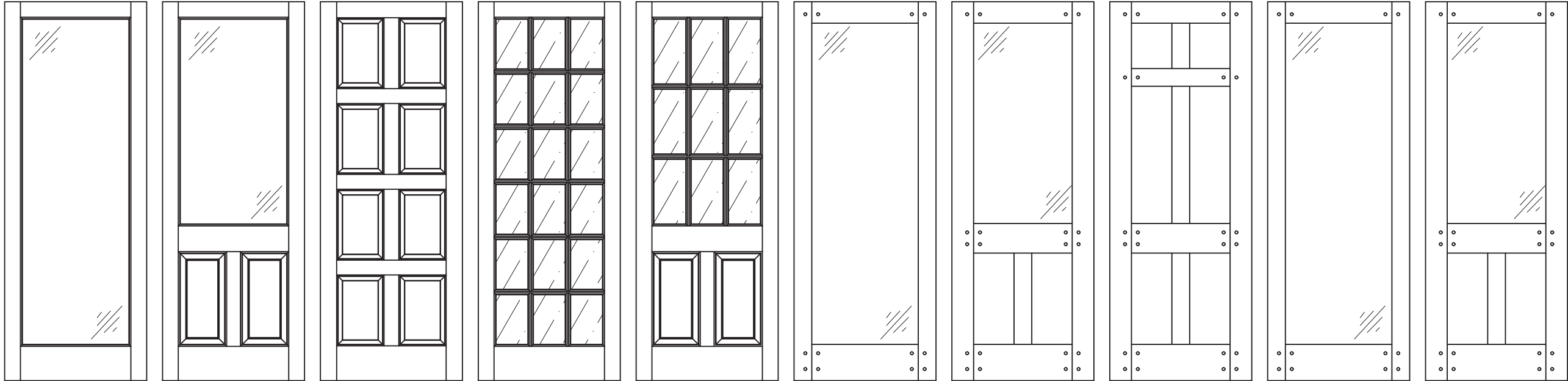
1. NO. 14 X 3" SS WOOD SCREW SHALL BE LOCATED AS FOLLOWS.
 - 1.1. ON VERTICAL MULL POSTS PLACEMENT IS 2" FROM TOP AND BOTTOM AND 7-3/4" ON CENTER.
 - 1.2. ON HORIZONTAL MULLS PLACEMENT IS 2" FROM EACH SIDE AND 11" ON CENTER.
2. NO. 14 WOOD SCREWS CAN BE STAGGERED TO MAINTAIN MINIMUM 1" SPACING BETWEEN ADJACENT JAMB/MULL ANCHORS.
3. DOUBLE MULLION POST WILL BE JOINED WITH FRANKLIN SK8 GLUE.

E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466				PROJECT NO. ACE-2025-129								
TITLE: OUTSWING WOOD ENTRY DOORS MULLION END ANCHOR DETAILS 9 FT.				DRAWN BY: RJA		H		UPDATE TO 9TH ED. (2026) FBC	7/22/26	RJA		
				SCALE: N.T.S.		DATE: 04/25/11		G		UPDATE TO 8TH ED. (2023) FBC	2/10/23	RJA
				REV: H		DRAWING NO: SAN0001		F		UPDATE TO 7TH ED. (2020) FBC	7/8/2020	RJA
				SHEET: 13 OF 14		REV:		DESCRIPTION		DATE	BY	
				AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM								

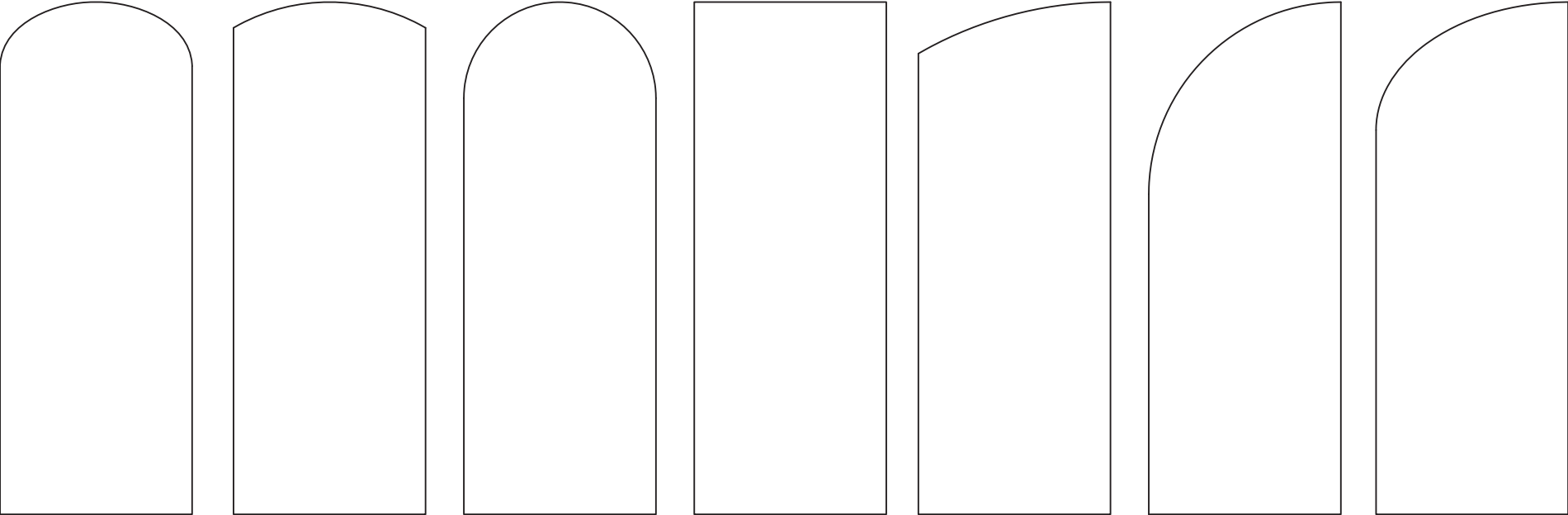
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



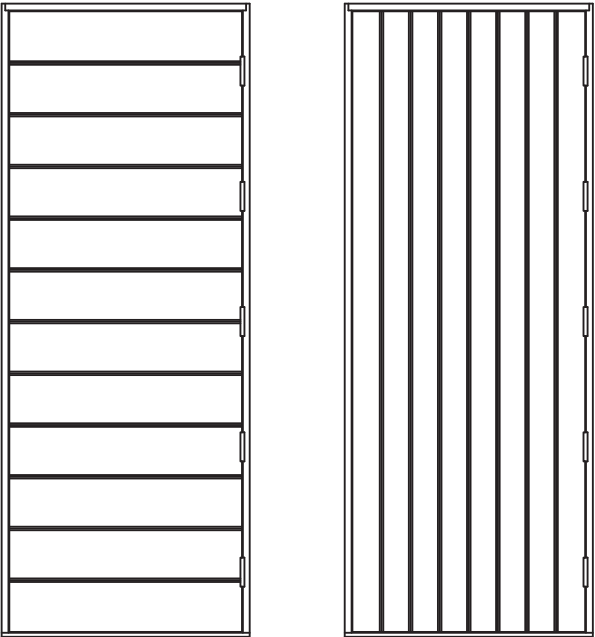
SIGNED/SEALED: 7/22/26



EXAMPLES OF APPROVED PANEL CONFIGURATIONS



Door panels, sidelites, & transoms may be Rectangular, Eyebrow-Arched, Half-Round Arched, or Elliptical-Top. Not all panel/glass configurations are shown. Contact E.F. San Juan for availability of custom designs. Flat panel doors are shown on elevations and glazing detail. Plank panel doors are shown on glazing details. impact glazed doors are shown in elevations and glazing details. Raised panel doors are also approved and available.



HORIZONTAL GROOVED VENEERS VERTICAL GROOVED VENEERS

DIAGONAL/CHEVRON GROOVED VENEERS
ALLOWED - NOT SHOWN ABOVE

APPROVED PLANK DOOR PANEL CONFIGURATIONS

Robert J. Amoruso, P.E.
Florida P.E. No. 49752



SIGNED/SEALED: 7/22/26

PROJECT NO. ACE-2025-129			
H	UPDATE TO 9TH ED. (2026) FBC	7/22/26	RJA
G	UPDATE TO 8TH ED. (2023) FBC	2/10/23	RJA
F	UPDATE TO 7TH ED. (2020) FBC	7/8/2020	RJA
REV	DESCRIPTION	DATE	BY

E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466		OUTSWING WOOD ENTRY DOORS APPROVED TYPICAL CONFIGURATIONS	
TITLE:	DATE:	DRAWN BY:	DATE:
		RJA	04/25/11
		N.T.S.	DRAWING NO: SAN0001
		REV:	SHEET: 14 OF 14

AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RIAENGPE@GMAIL.COM	
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