

E.F. SAN JUAN, INC.

INSWING WOOD ENTRY DOORS

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) 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. ASTM E330-02

1.2. ASTM E1886-02/05

1.3. 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. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-12AE1 AND ASTM E1300-2016.
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

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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	
WATER PENETRATION NOT TESTED. OVERHANG IN ACCORDANCE WITH REQUIREMENT BELOW CAN BE USED PER CHAPTER 17 OF CURRENT EDITION OF FLORIDA BUILDING CODE. DOOR ASSEMBLIES CAN ALSO BE INSTALLED IN NON-HABITABLE AREAS WHERE THE DOOR ASSEMBLY AND AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION PER CHAPTER 17 OF CURRENT EDITION OF FLORIDA BUILDING CODE OR CHAPTER 6 OF CURRENT EDITION OF THE FLORIDA RESIDENTIAL CODE.			
Door assemblies installed where the overhang (OH) ratio is equal to or more than 1. The overhang ratio shall be calculated by the following equation: OH ratio = OH Length/OH Height			
Where: OH length = The horizontal measure of how far an overhang over a door projects out from door surface.			
OH height = The vertical measure of the distance from the door sill to the bottom of the overhang over a door.			

PROJECT NO. 422-0605

C

UPDATE TO 8TH ED.
(2023) FBC

2/10/23

RJA

B

UPDATE TO 7TH ED.
(2020) FBC

7/8/20

RJA

A

UPDATE TO 6TH ED.
(2017) FBC

10/2/17

RJA

REV

DESCRIPTION

DATE

BY

E.F. SAN JUAN, INC.

11442 HIGHWAY 231

YOUNGSTOWN, FL 32466

TITLE:

INSWING WOOD ENTRY DOORS

GENERAL NOTES, INSTALLATION NOTES & D.P. CHART

PREPARED BY:

DRAWN BY: JBH

SCALE: N.T.S.

REV: C

DATE: 7/29/15

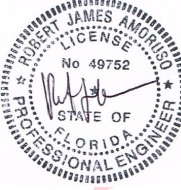
DRAWING NO: SAN0002

SHEET: 1 OF 14



PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
FBPE C.A. NO. 28935
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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.

ANCHOR SCHEDULE							
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).

PROJECT NO. 422-0605

C

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(2023) FBC

2/10/23

RJA

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7/8/20

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(2017) FBC

10/2/17

RJA

REV

DESCRIPTION

DATE

BY

E.F. SAN JUAN, INC.

11442 HIGHWAY 231

YOUNGSTOWN, FL 32466

TITLE:

INSWING WOOD ENTRY DOORS

GENERAL NOTES, INSTALLATION NOTES & D.P. CHART

PREPARED BY:

DRAWN BY:

DATE:

SCALE:

DRAWING NO:

SHEET:

2 OF 14

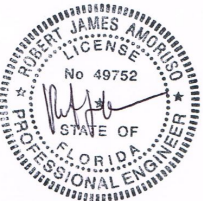


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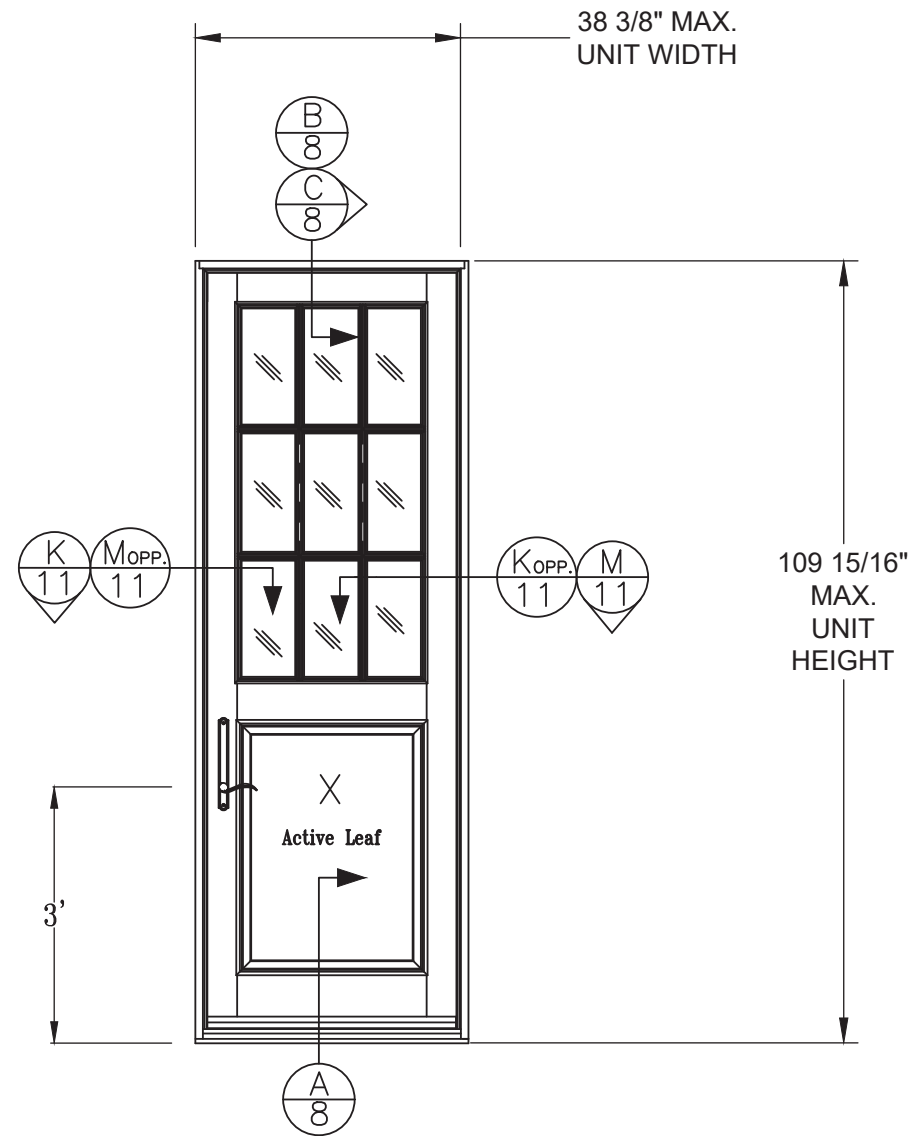
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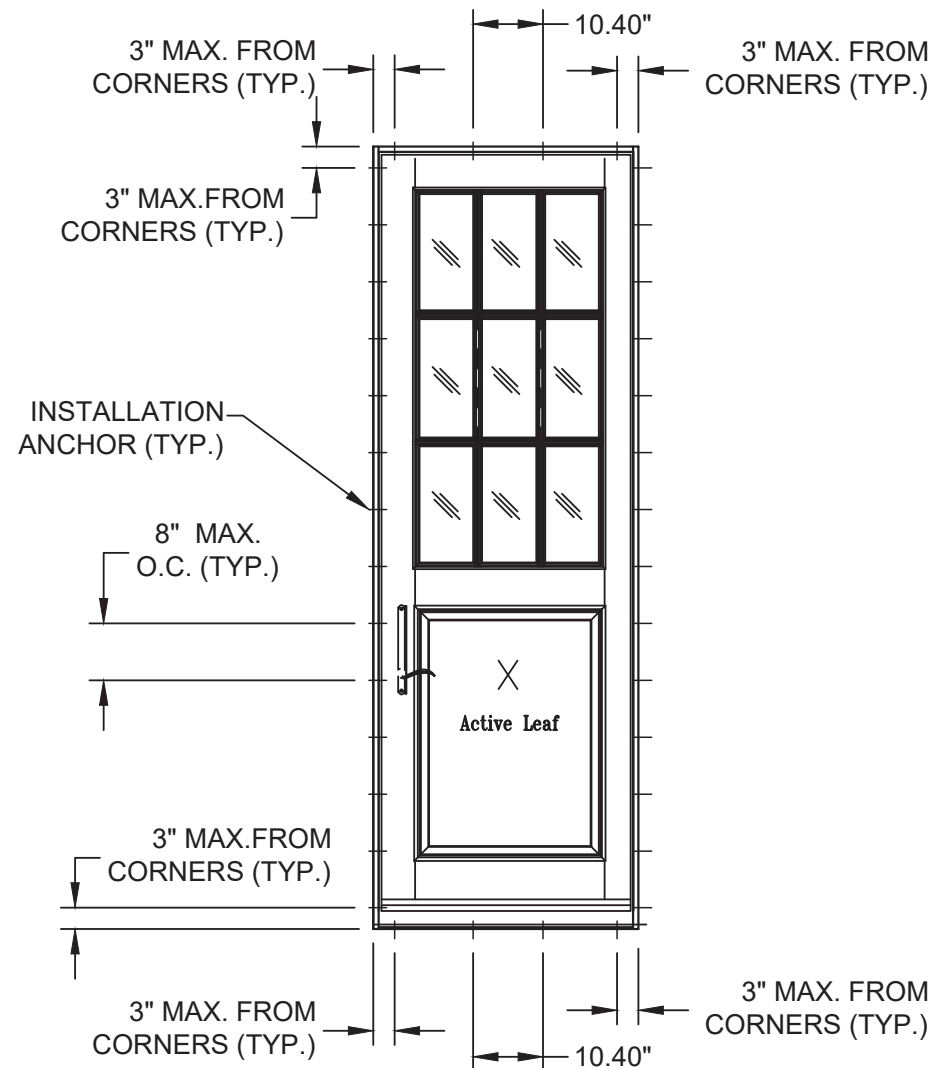


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SINGLE WOOD IMPACT DOORS
ELEVATION VIEWED FROM EXTERIOR

NOTE: DOOR PANEL WITH WOOD
PANEL/GLAZED PANEL SHOWN. SEE
SHEET 15 FOR OTHER APPROVED
PANEL CONFIGURATIONS.



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

PROJECT NO. 422-0605

REV	DESCRIPTION	DATE	BY
C	UPDATE TO 8TH ED. (2023) FBC	2/10/23	RJA
B	UPDATE TO 7TH ED. (2020) FBC	7/8/20	RJA
A	UPDATE TO 6TH ED. (2017) FBC	10/2/17	RJA

E.F. SAN JUAN, INC.

11442 HIGHWAY 231
YOUNGSTOWN, FL 32466

INSWING WOOD ENTRY DOORS
ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC

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DRAWN BY: JJBH

SCALE: N.T.S.

REV: C

SHEET: 3 OF 14

DATE: 7/29/15

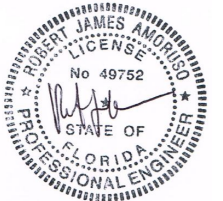
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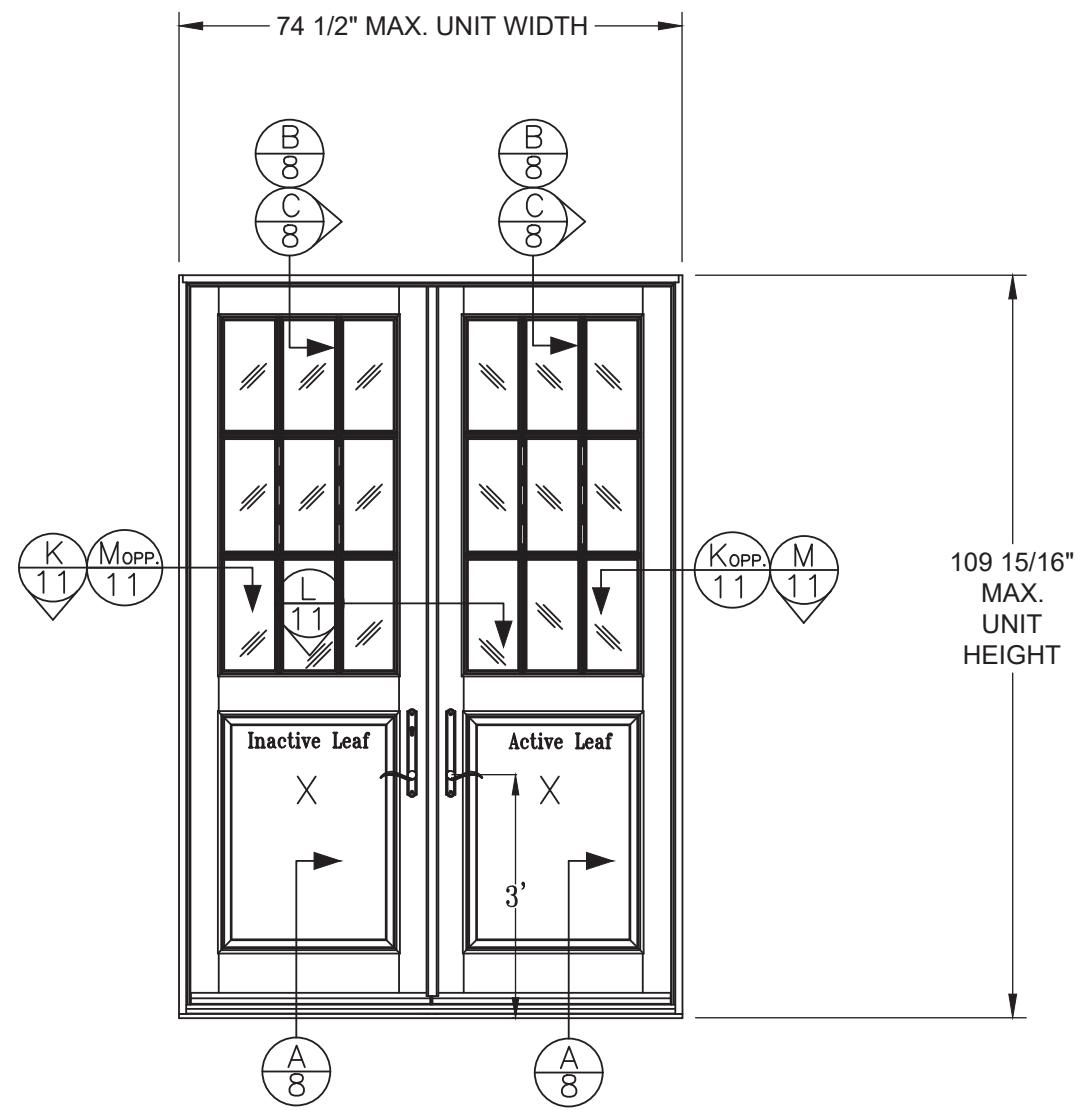
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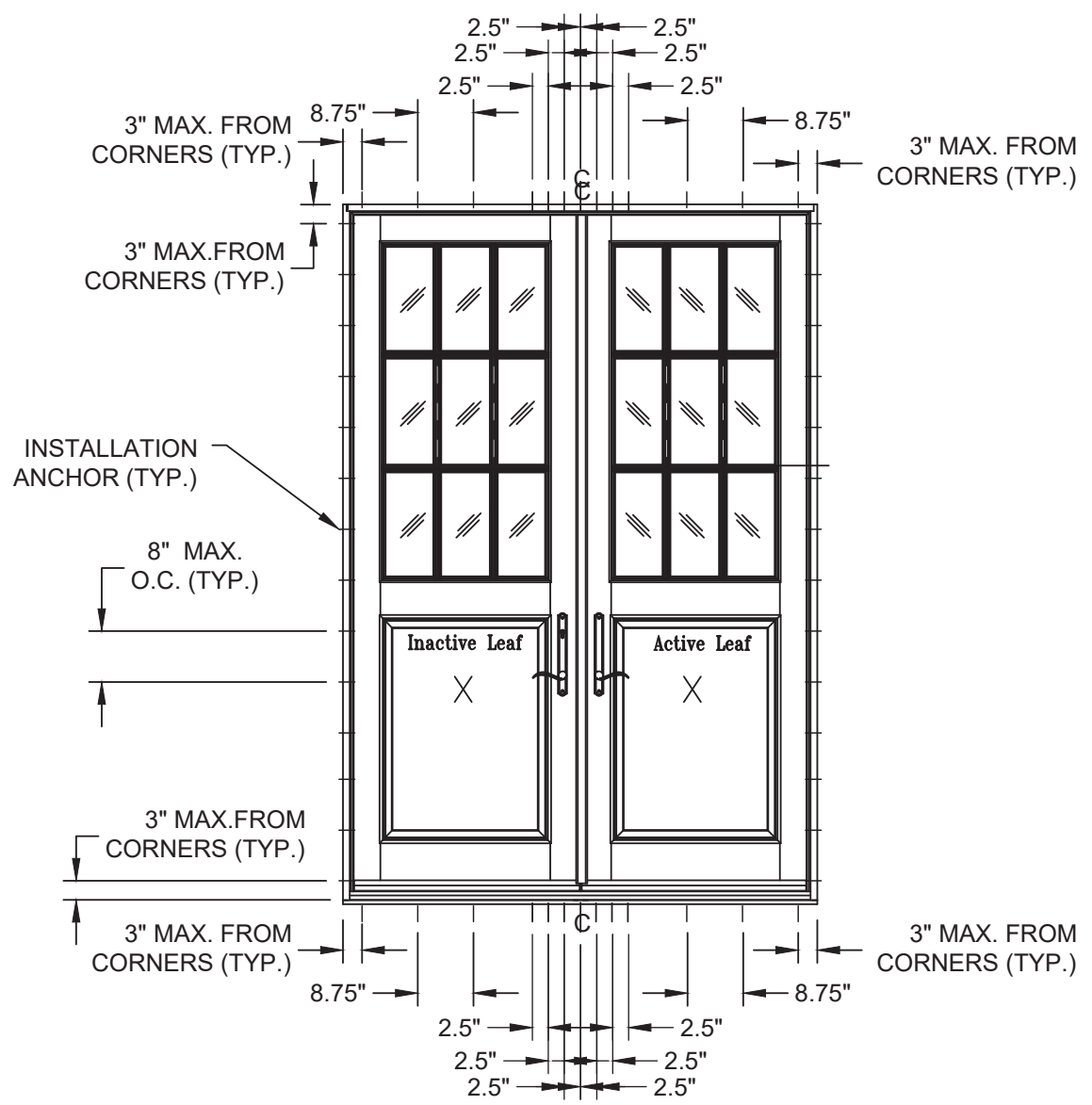


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DOUBLE WOOD IMPACT DOORS
ELEVATION VIEWED FROM EXTERIOR

NOTE: DOOR PANEL WITH WOOD
PANEL/GLAZED PANEL SHOWN. SEE
SHEET 15 FOR OTHER APPROVED
PANEL CONFIGURATIONS.

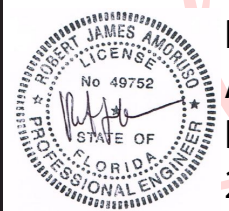


ANCHOR LAYOUT
EXTERIOR VIEW
(SEE INSTALLATION NOTES, SHEET 2)

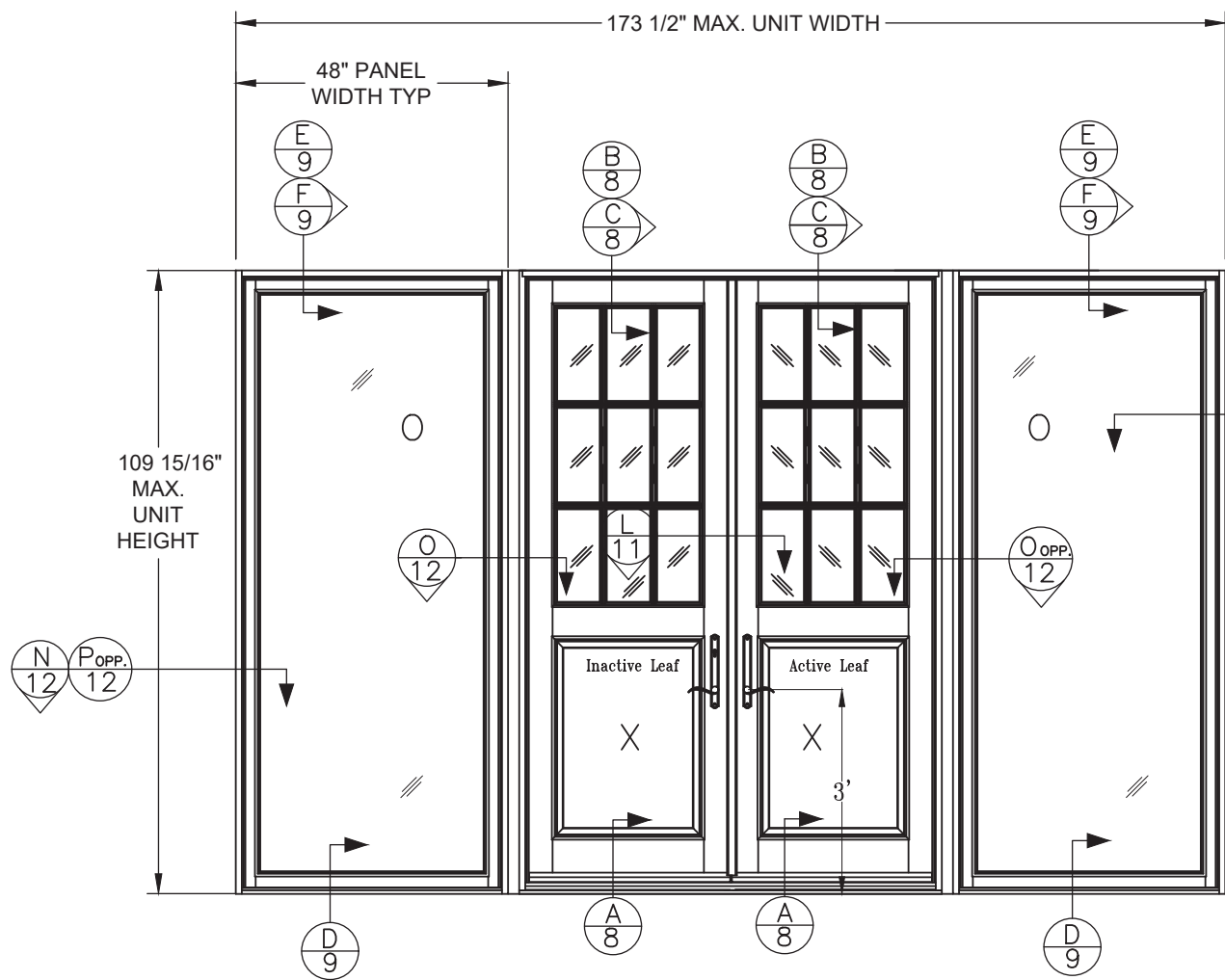
PROJECT NO. 422-0605				E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466			
C	UPDATE TO 8TH ED. (2023) FBC	2/10/23	RJA	INSWING WOOD ENTRY DOORS ELEVATIONS & ANCHOR LAYOUTS			
B	UPDATE TO 7TH ED. (2020) FBC	7/8/20	RJA	DRAWN BY: JJBH	DATE: 7/29/15	DRAWING NO: SAN0002	
A	UPDATE TO 6TH ED. (2017) FBC	10/2/17	RJA	SCALE: N.T.S.	REV: C	SHEET: 4 OF 14	
REV	DESCRIPTION	DATE	BY	PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptg-corp.com FBIE C.A. NO. 23935			

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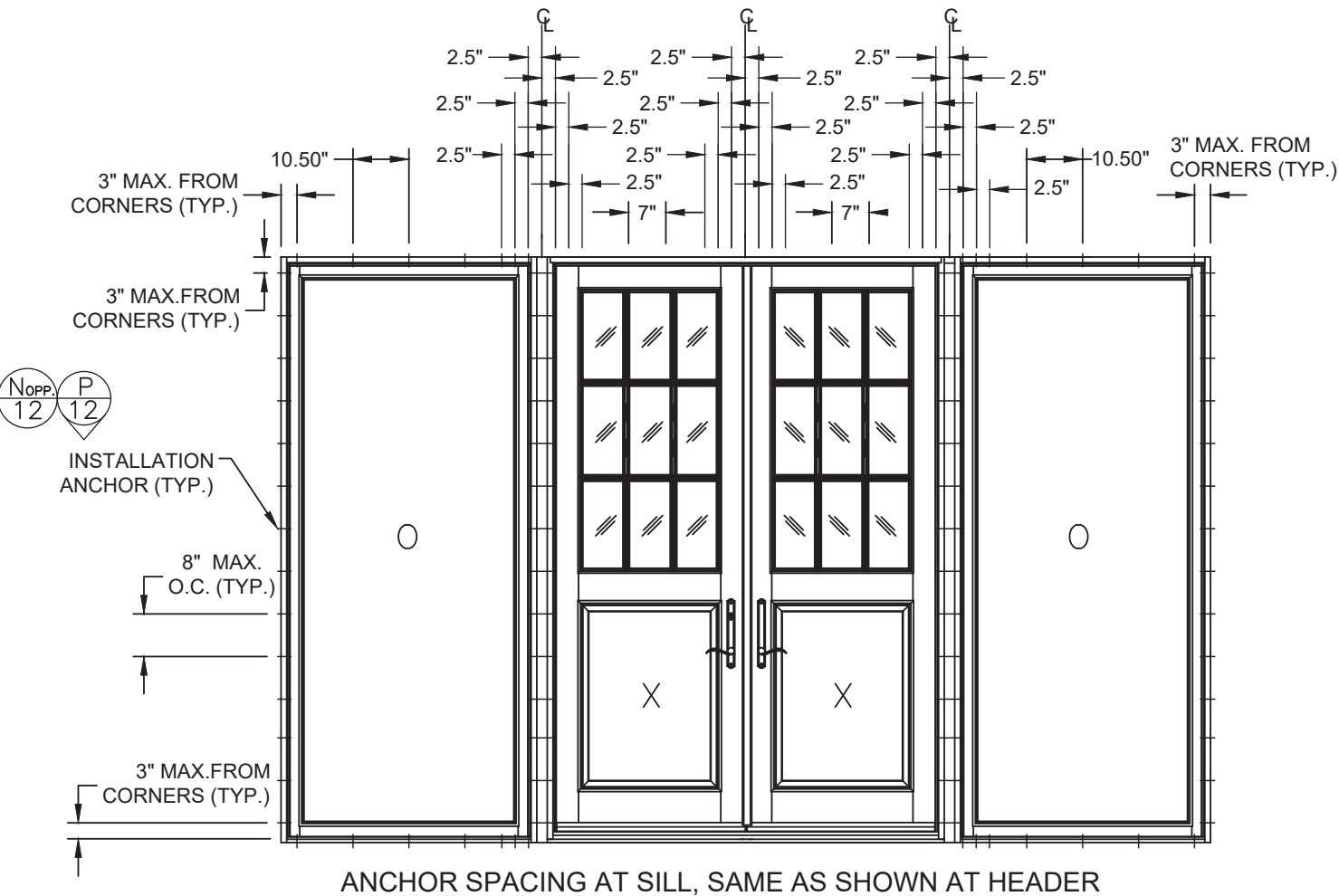


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DOUBLE WOOD IMPACT DOORS
WITH TWO SIDELIGHTS
ELEVATION VIEWED FROM EXTERIOR

NOTE: DOOR PANEL WITH WOOD
PANEL/GLAZED PANEL SHOWN. SEE
SHEET 15 FOR OTHER APPROVED
PANEL CONFIGURATIONS.



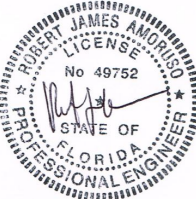
ANCHOR LAYOUT
EXTERIOR VIEW
(SEE INSTALLATION NOTES, SHEET 2)

PROJECT NO. 422-0605				
RJA	2/10/23	RJA	7/8/20	RJA
UPDATE TO 8TH ED. (2023) FBC		UPDATE TO 7TH ED. (2020) FBC		UPDATE TO 6TH ED. (2017) FBC
C	B	A	REV	DATE

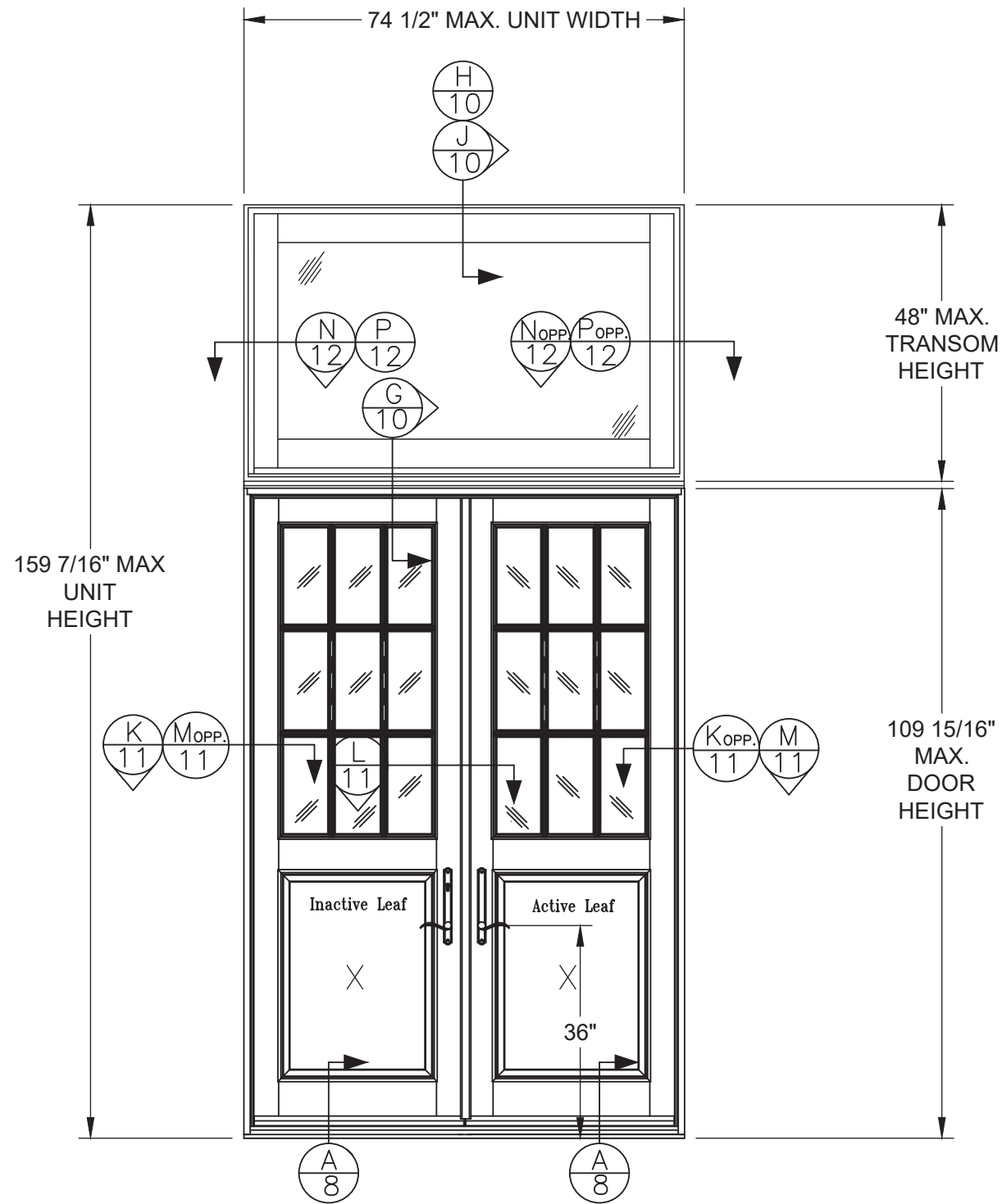
E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466				
INSWING WOOD ENTRY DOORS ELEVATION AND ANCHOR LAYOUTS				
DATE:	7/29/15	DRAWING NO:	SAN0002	SHEET:
DRAWN BY:	JJBH	SCALE:	N.T.S.	REV:
PREPARED BY:	C	REV:	5 OF 14	BY

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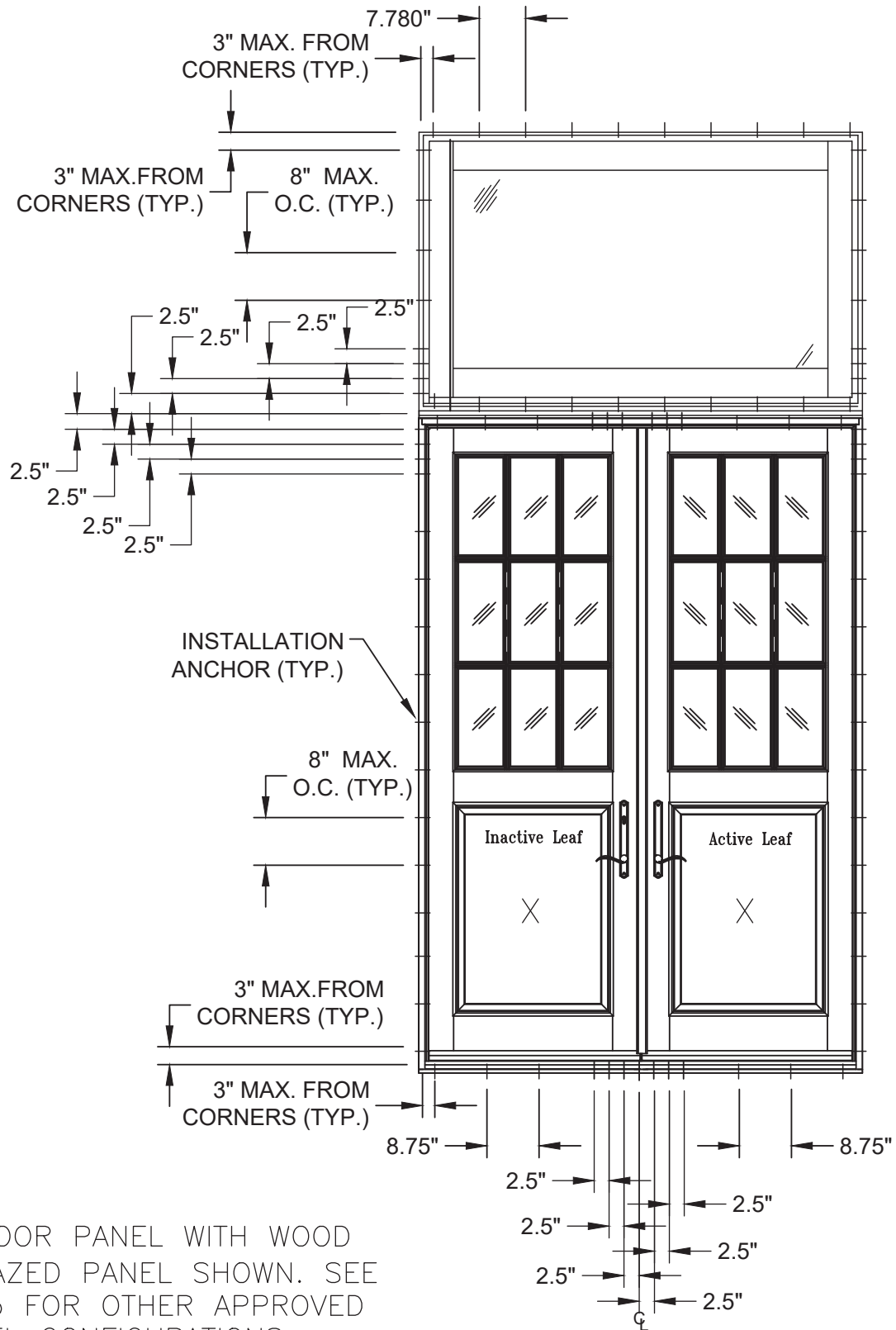


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DOUBLE WOOD IMPACT DOORS
WITH TRANSOM
ELEVATION VIEWED FROM EXTERIOR

NOTE: DOOR PANEL WITH WOOD
PANEL/GLAZED PANEL SHOWN. SEE
SHEET 15 FOR OTHER APPROVED
PANEL CONFIGURATIONS.



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

PROJECT NO. 422-0605

REV	DESCRIPTION	DATE	BY
C	UPDATE TO 8TH ED. (2023) FBC	2/10/23	RJA
B	UPDATE TO 7TH ED. (2020) FBC	7/8/20	RJA
A	UPDATE TO 6TH ED. (2017) FBC	10/2/17	RJA

E.F. SAN JUAN, INC.

11442 HIGHWAY 231
YOUNGSTOWN, FL 32466

INSWING WOOD ENTRY DOORS
ELEVATION AND ANCHOR LAYOUTS

PREPARED BY: JJBH

SCALE: N.T.S.

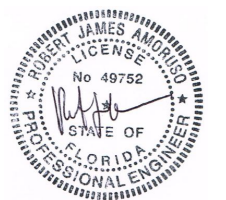
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DRAWING NO: SAN0002
SHEET: 6 OF 14

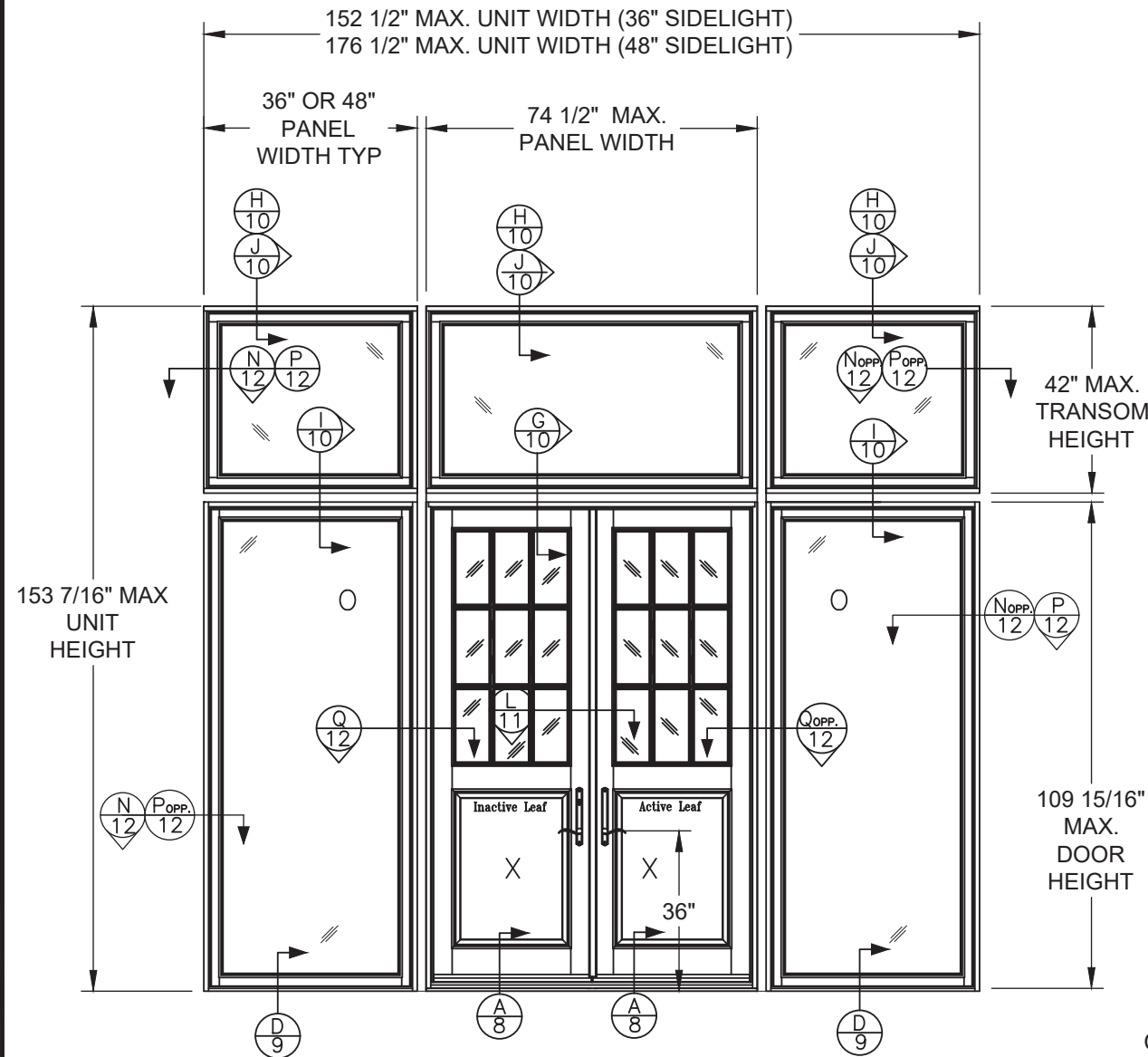
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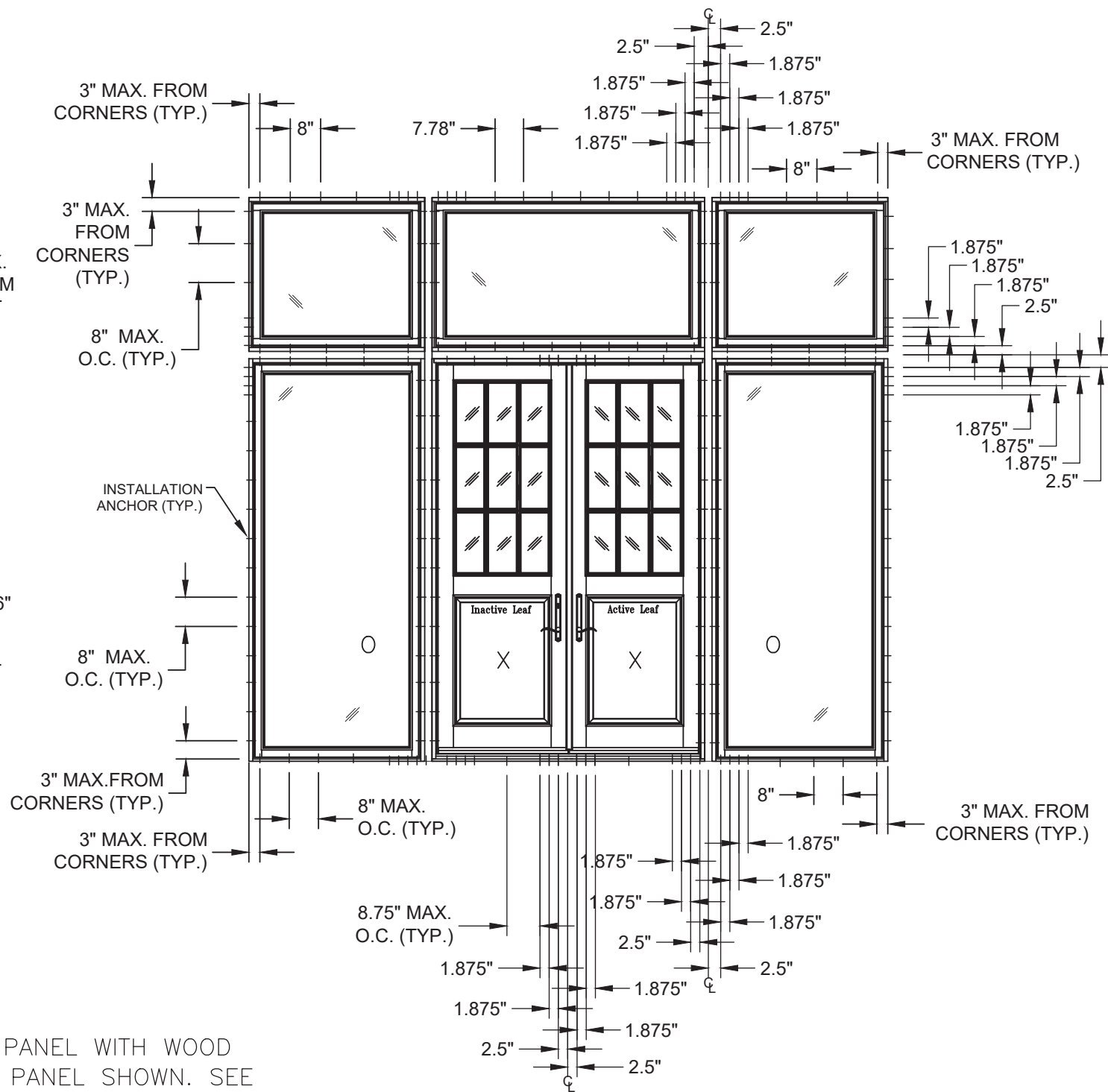


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DOUBLE WOOD IMPACT DOORS
WITH TWO SIDELITES & TRANSOM
ELEVATION VIEWED FROM EXTERIOR

NOTE: DOOR PANEL WITH WOOD
PANEL/GLAZED PANEL SHOWN. SEE
SHEET 15 FOR OTHER APPROVED
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ANCHOR LAYOUT
EXTERIOR VIEW
(SEE INSTALLATION NOTES, SHEET 2)

PROJECT NO. 422-0605

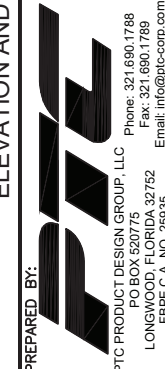
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YOUNGSTOWN, FL 32466

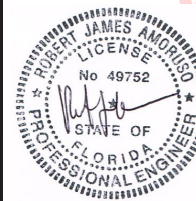
INSWING WOOD ENTRY DOORS
ELEVATION AND ANCHOR LAYOUTS

DATE:	7/29/15
DRAWING NO:	SAN0002
SCALE:	N.T.S.
REV:	C
SHEET:	7 OF 14

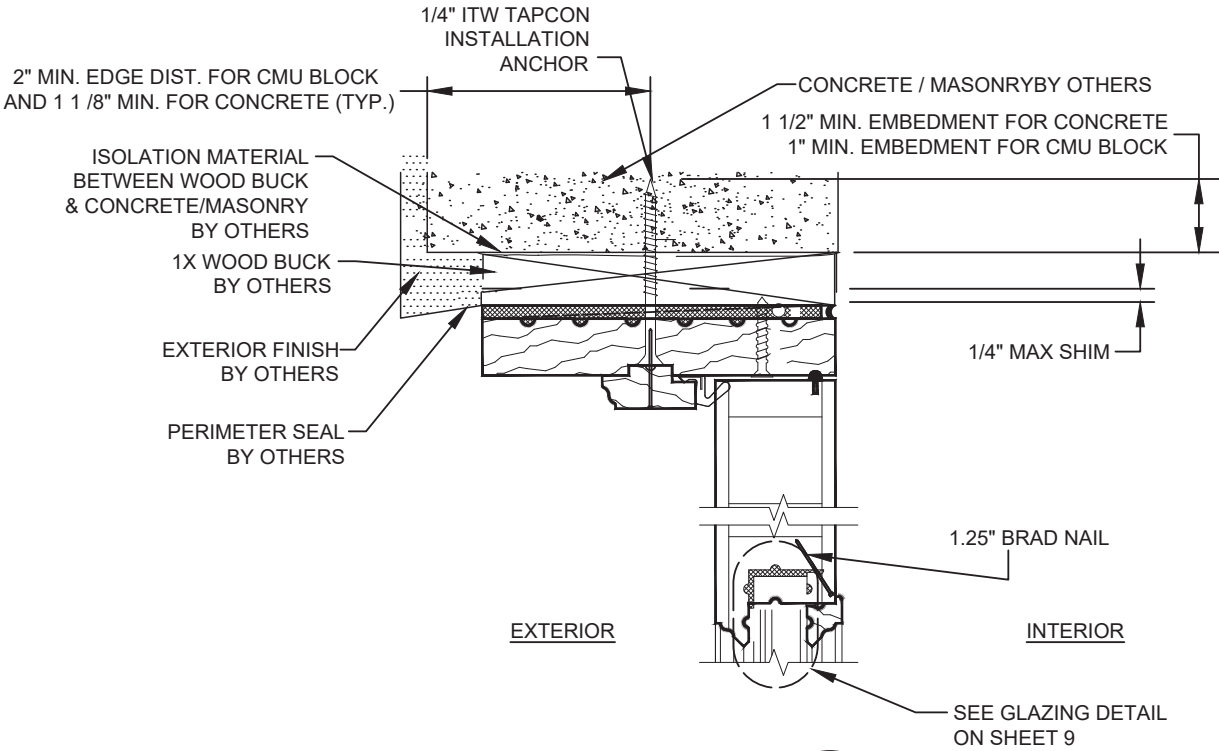


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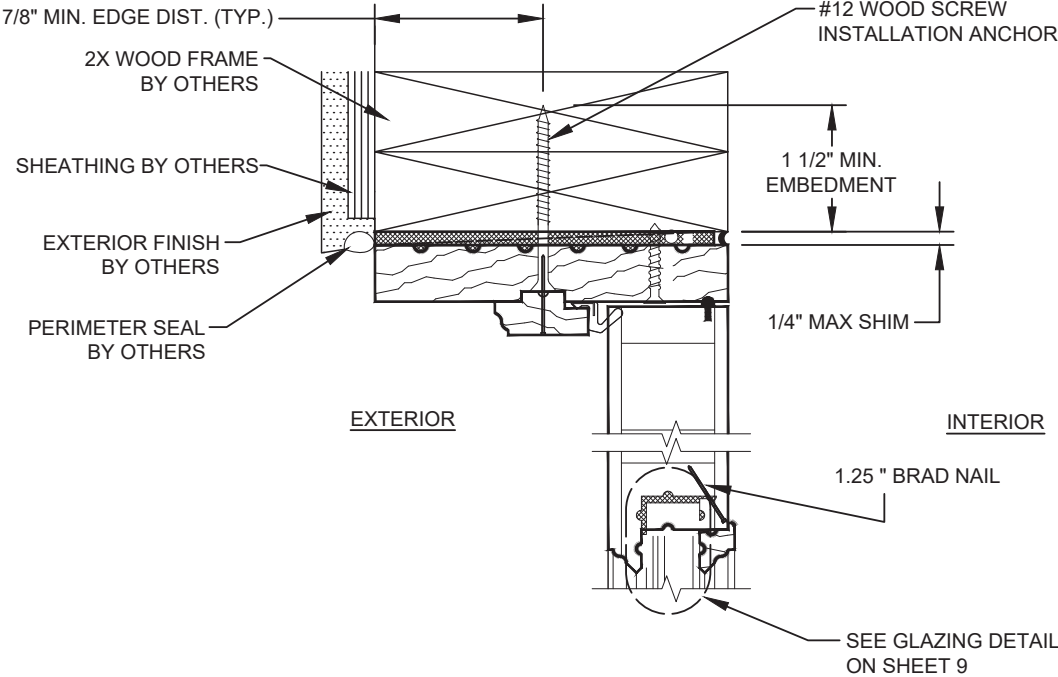


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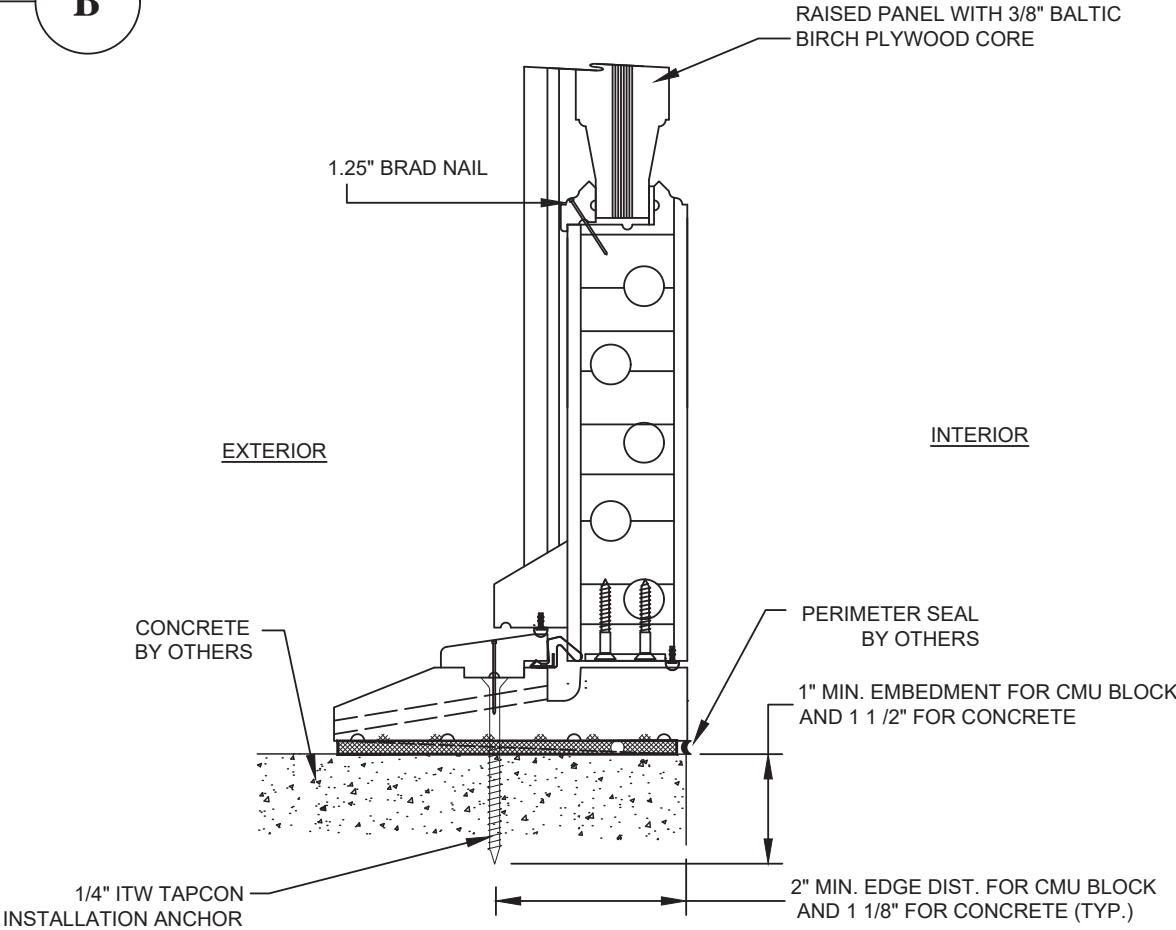
VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE
IN-SWING HEAD

B



VERTICAL SECTION
WOOD SUBSTRATE
IN-SWING HEAD

C



VERTICAL SECTION
CONCRETE SUBSTRATE
IN-SWING SILL

A

PROJECT NO. 422-0605		RJA	2/10/23	RJA	7/8/20	RJA	10/2/17	BY
		UPDATE TO 8TH ED. (2023) FBC		UPDATE TO 7TH ED. (2020) FBC		UPDATE TO 6TH ED. (2017) FBC		DATE
		C		B		A		DESCRIPTION
								REV
E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466		DATE: 7/29/15		DRAWING NO: SAN0002		SHEET: 8 OF 14		
INSWING WOOD ENTRY DOORS VERTICAL SECTIONS		DRAWN BY: JJBH		SCALE: N.T.S.		REV: C		
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 23935		DATE: 7/29/15		DRAWING NO: SAN0002		SHEET: 8 OF 14		

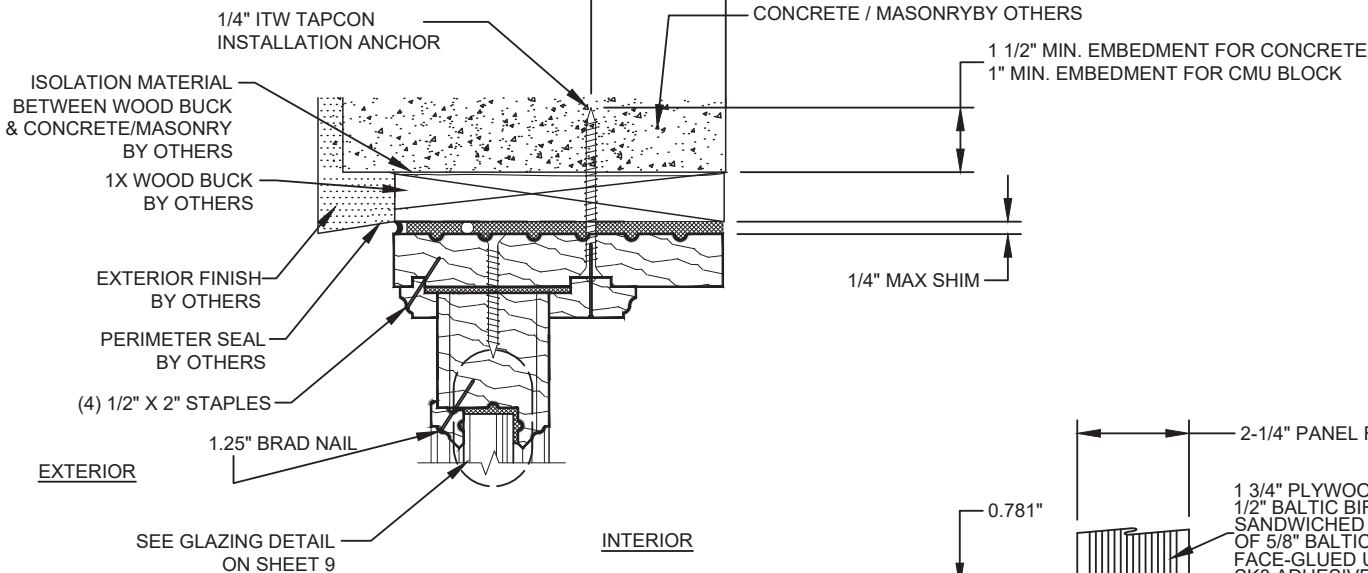
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Robert J. Amoruso, P.E.
Florida P.E. No. 49752

Digitally signed by Robert J Amoruso

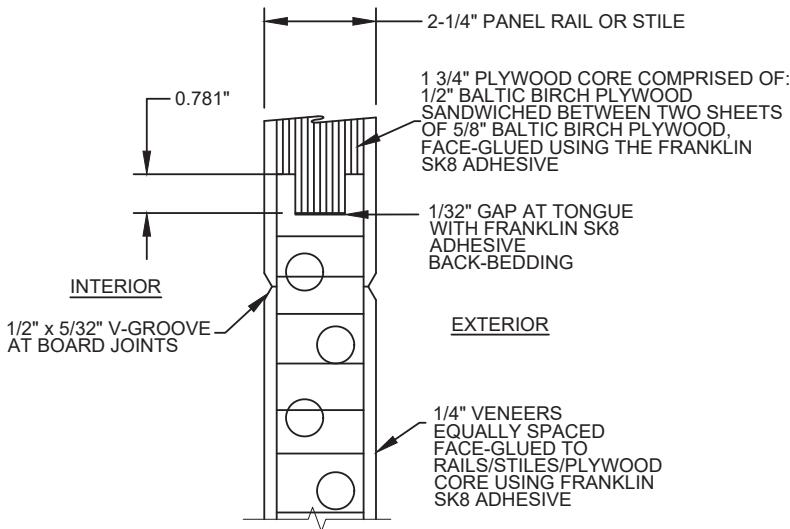
Date: 2023.07.23 14:57:01 -04'00'

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

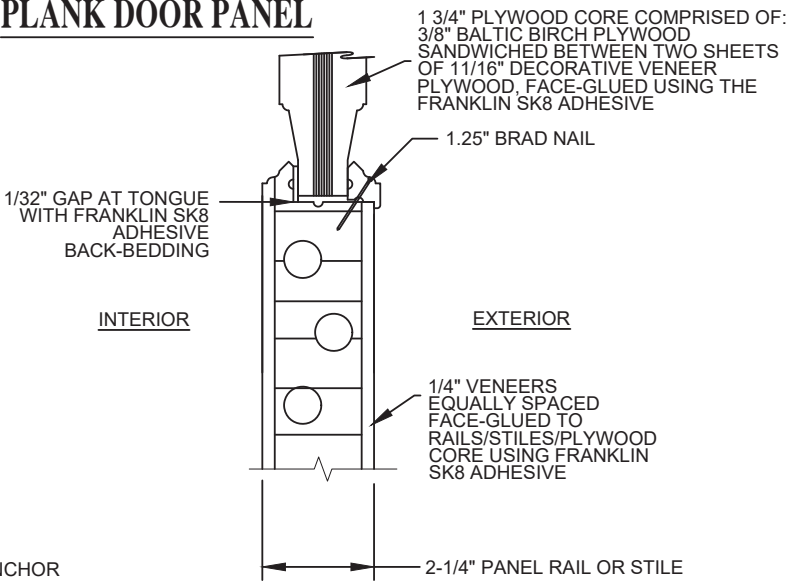


VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE
SIDELIGHT HEAD

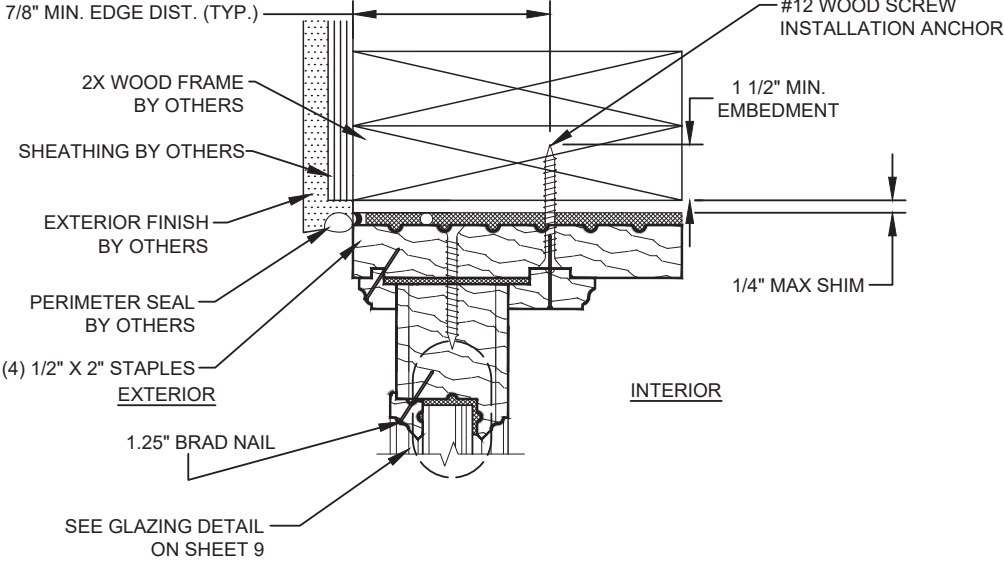
E



PLYWOOD PANEL DETAIL
PLANK DOOR PANEL

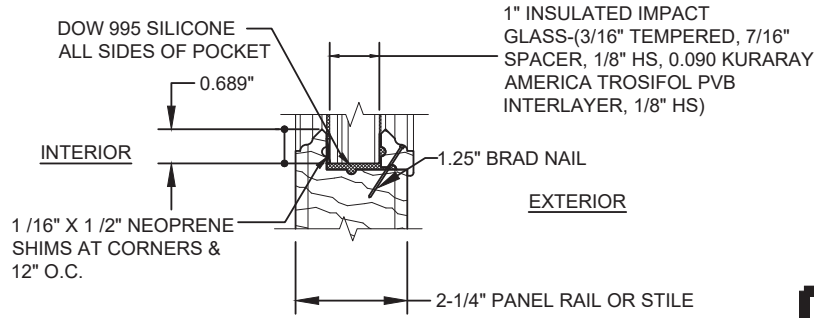


PLYWOOD PANEL DETAIL
RAISED DOOR PANEL

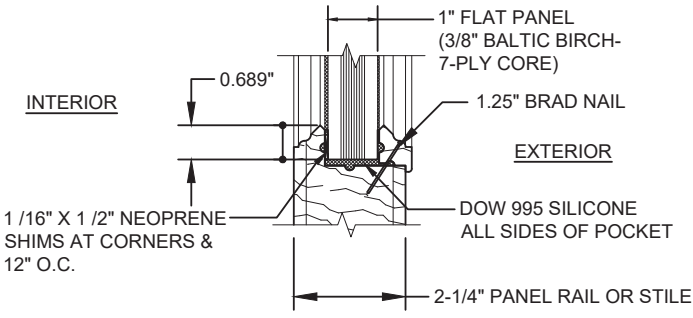


VERTICAL SECTION
WOOD SUBSTRATE
SIDELIGHT HEAD

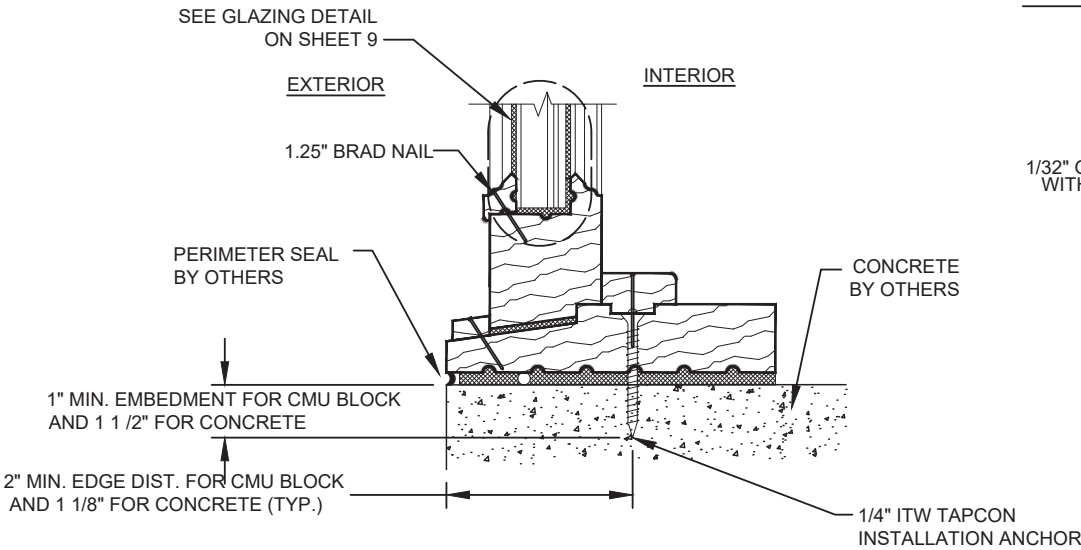
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I.G. GLAZING DETAIL



PLYWOOD PANEL DETAIL
FLAT DOOR PANEL



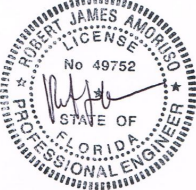
VERTICAL SECTION
CONCRETE SUBSTRATE
SIDELIGHT SILL

D

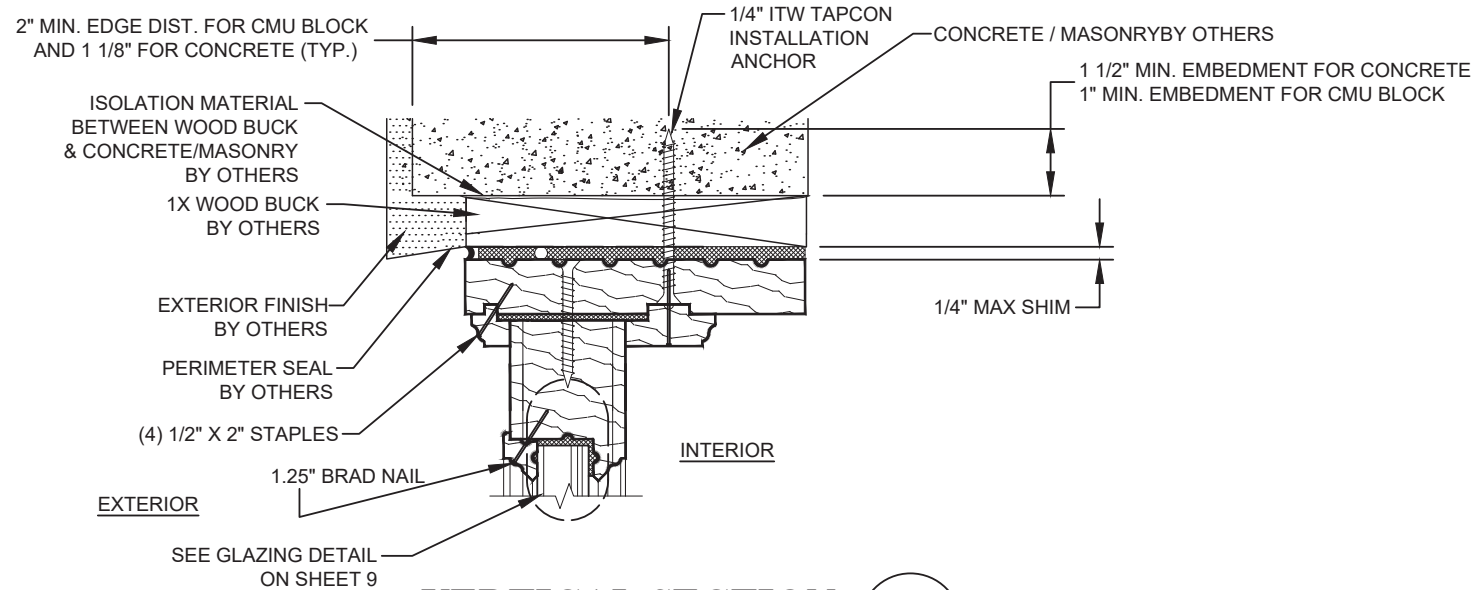
PROJECT NO. 422-0605		RJA	2/10/23	RJA	7/8/20	RJA	10/2/17	BY
E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466		UPDATE TO 8TH ED. (2023) FBC	(2023) FBC	UPDATE TO 7TH ED. (2020) FBC	(2020) FBC	UPDATE TO 6TH ED. (2017) FBC	(2017) FBC	DATE
INSWING WOOD ENTRY DOORS VERTICAL SECTIONS & GLAZING DETAILS		C	B	A	REV	DESCRIPTION	9 OF 14	
DRAWN BY: JJBH		DATE: 7/29/15		DRAWING NO: SAN0002		SHEET: 9 OF 14		
SCALE: N.T.S.		REV: C		REVISIONS				
PREPARED BY: JJBH		DATE: 7/29/15		DRAWING NO: SAN0002		SHEET: 9 OF 14		
PTC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 22935		Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com						

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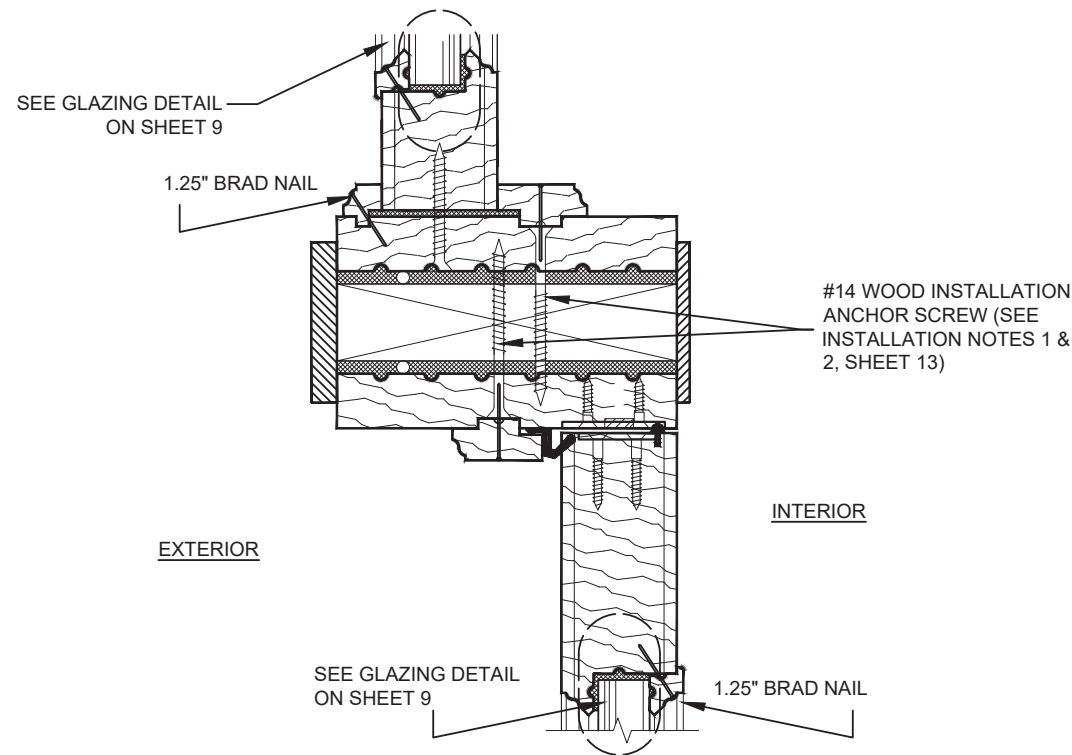
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



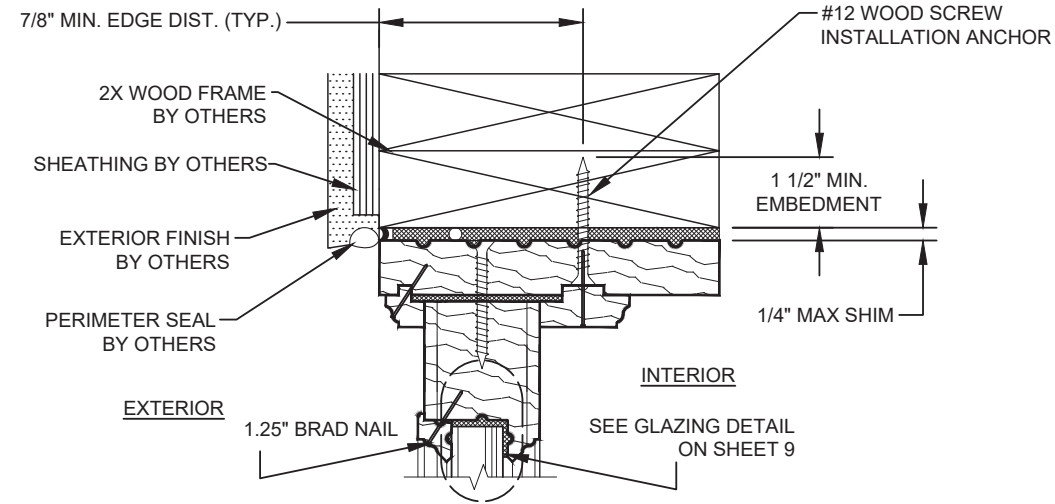
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Robert J Amoruso
Date: 2023.07.23
14:57:12 -04'00'



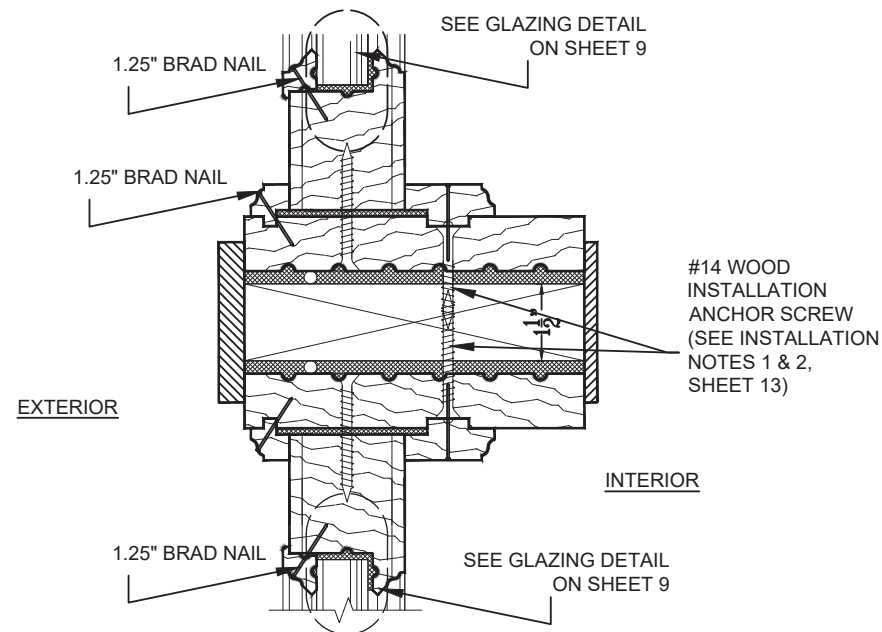
VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE
TRANSOM HEAD **H**



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



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



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

PROJECT NO. 422-0605

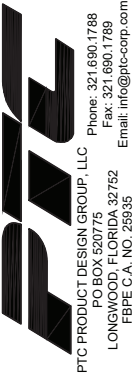
REV	DESCRIPTION	DATE	BY
C	UPDATE TO 8TH ED. (2023) FBC	2/10/23	RJA
B	UPDATE TO 7TH ED. (2020) FBC	7/8/20	RJA
A	UPDATE TO 6TH ED. (2017) FBC	10/2/17	RJA

E.F. SAN JUAN, INC.

11442 HIGHWAY 231
YOUNGSTOWN, FL 32466

INSWING WOOD ENTRY DOORS
VERTICAL SECTIONS

DRAWN BY:	JJBH	DATE:	7/29/15
SCALE:	N.T.S.	DRAWING NO.:	SAN0002
REV:	C	SHEET:	10 OF 14

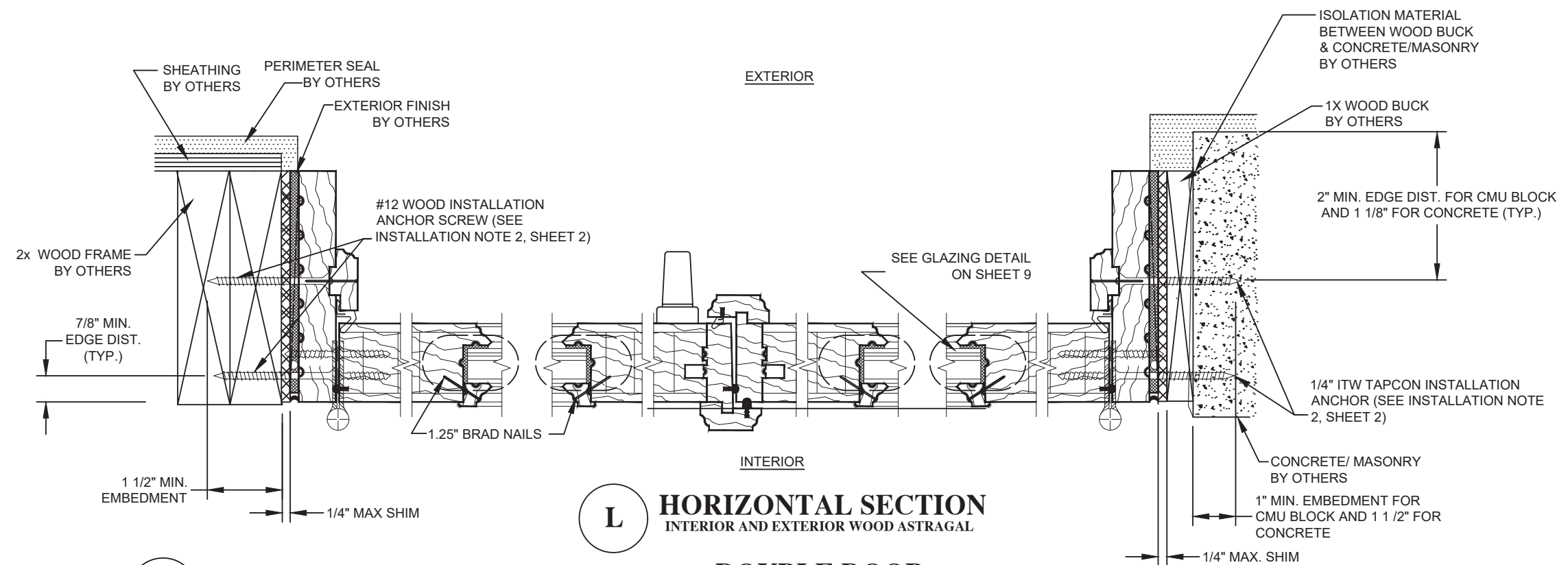


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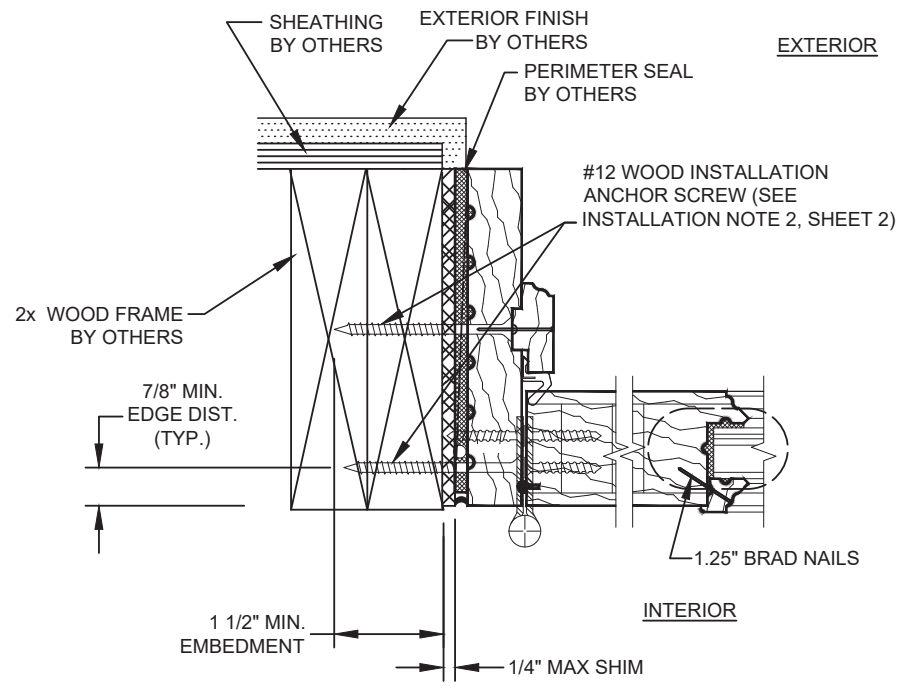
Digitally signed by Robert J Amoruso
Date: 2023.07.23 14:57:24 -04'00'



K HORIZONTAL SECTION
WOOD SUBSTRATE
OUT-SWING SHOWN

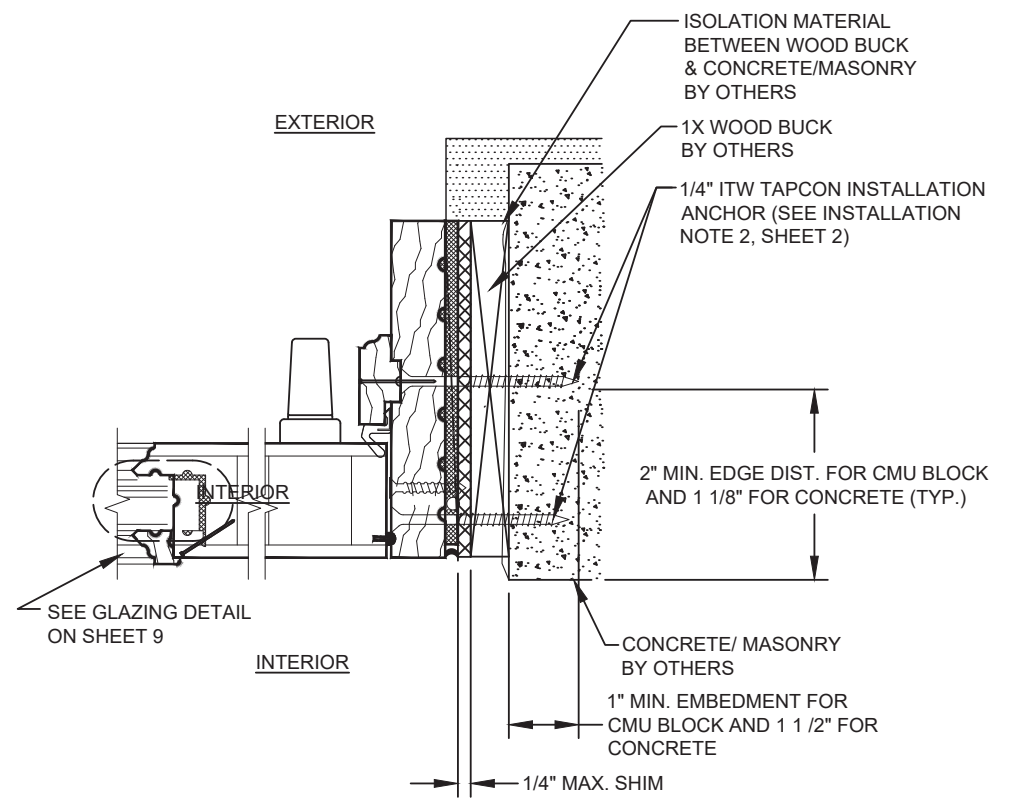
L HORIZONTAL SECTION
INTERIOR AND EXTERIOR WOOD ASTRAGAL
DOUBLE DOOR
XX

M HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE
OUT-SWING SHOWN



K HORIZONTAL SECTION
WOOD SUBSTRATE
OUT-SWING SHOWN

SINGLE DOOR
X



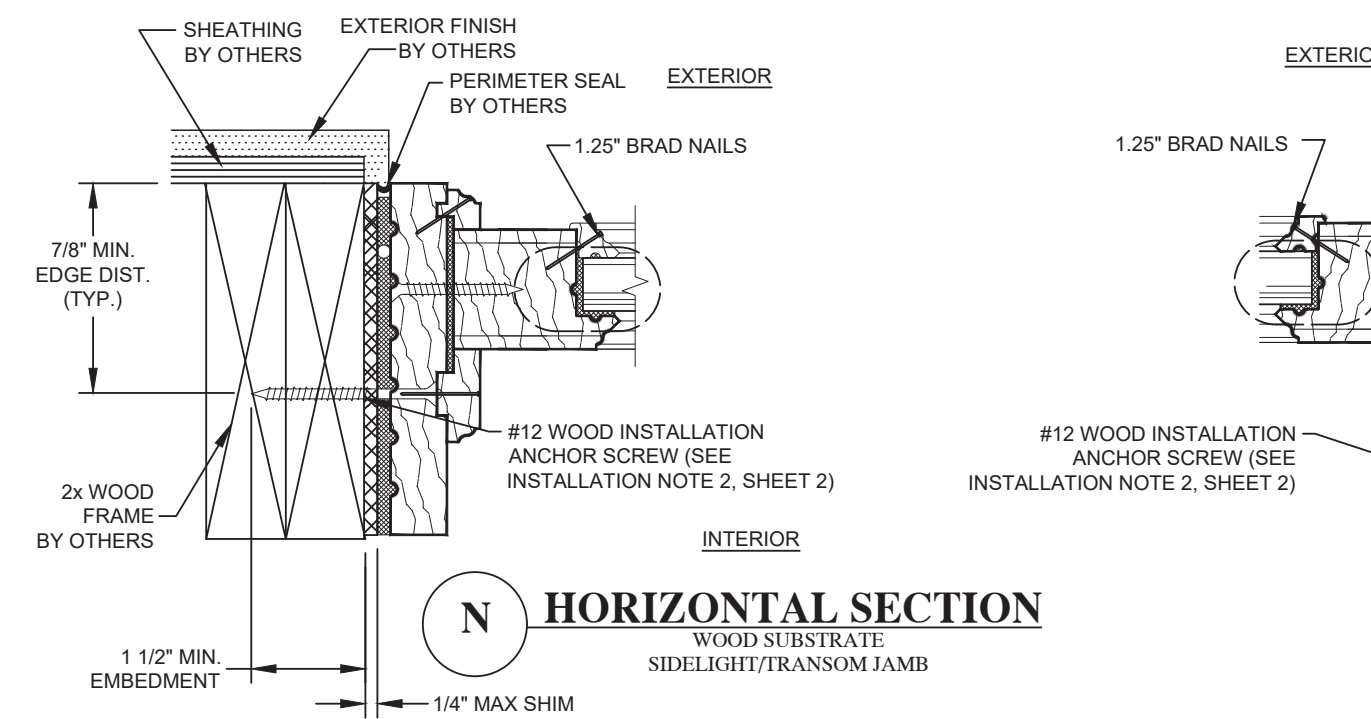
M HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE
OUT-SWING SHOWN

PROJECT NO. 422-0605		RJA	2/10/23	RJA	7/8/20	RJA	10/2/17	BY
C	UPDATE TO 8TH ED. (2023) FBC	B	UPDATE TO 7TH ED. (2020) FBC	A	UPDATE TO 6TH ED. (2017) FBC	REV	DESCRIPTION	DATE
E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466		DATE: 7/29/15		DRAWING NO: SAN0002		SHEET: 11 OF 14		
INSWING WOOD ENTRY DOORS HORIZONTAL SECTIONS		DRAWN BY: JJBH		SCALE: N.T.S.		REV: C		
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 23935		DATE: 7/29/15		DRAWING NO: SAN0002		SHEET: 11 OF 14		

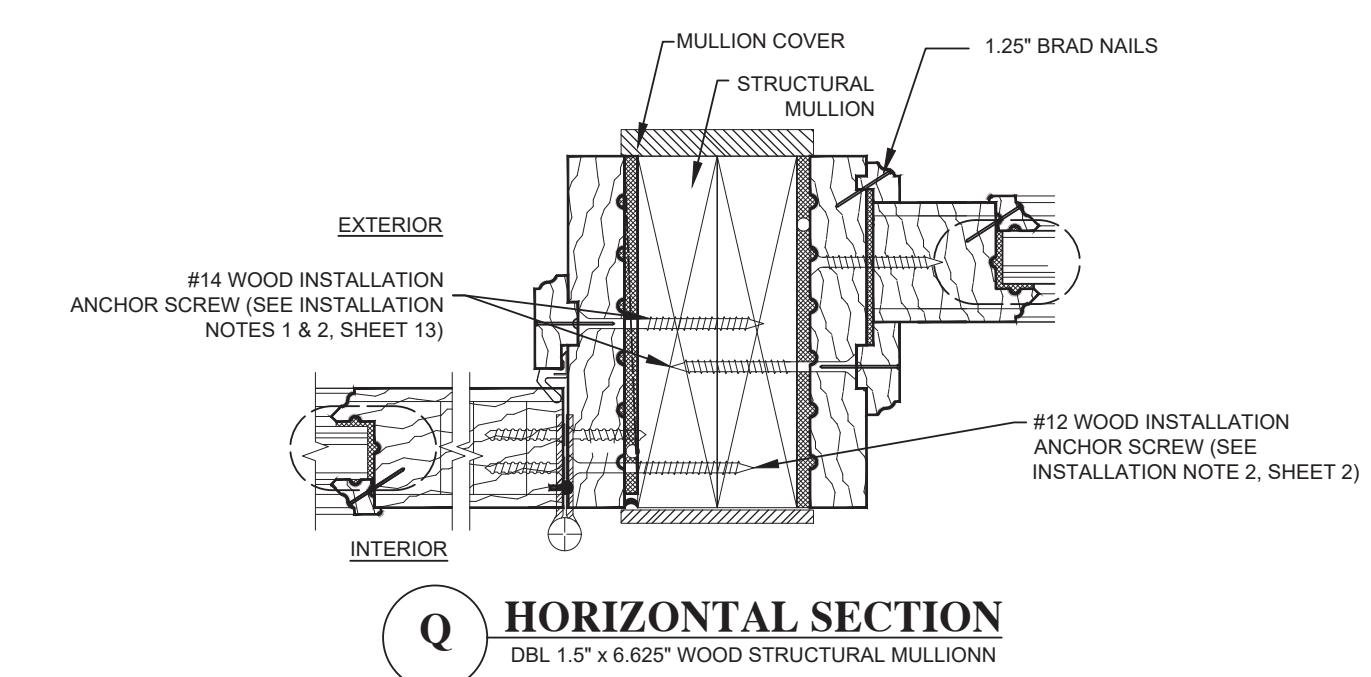
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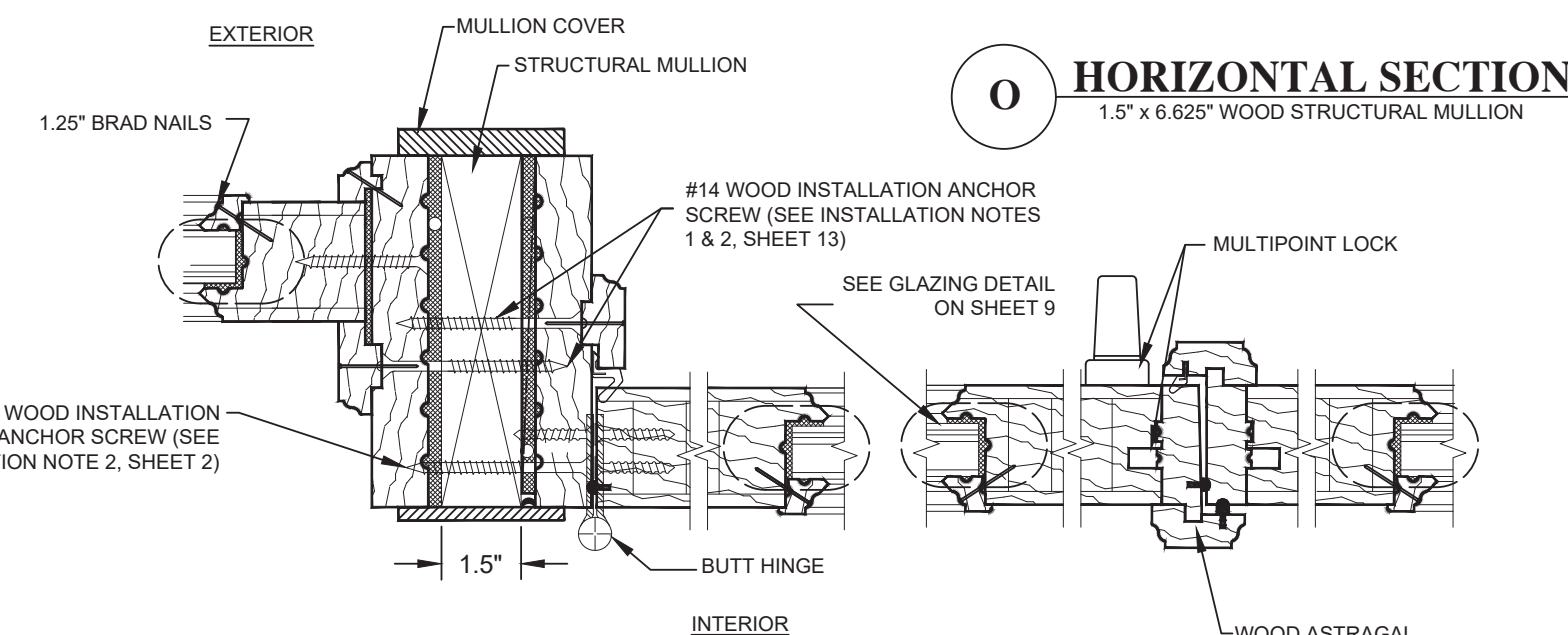
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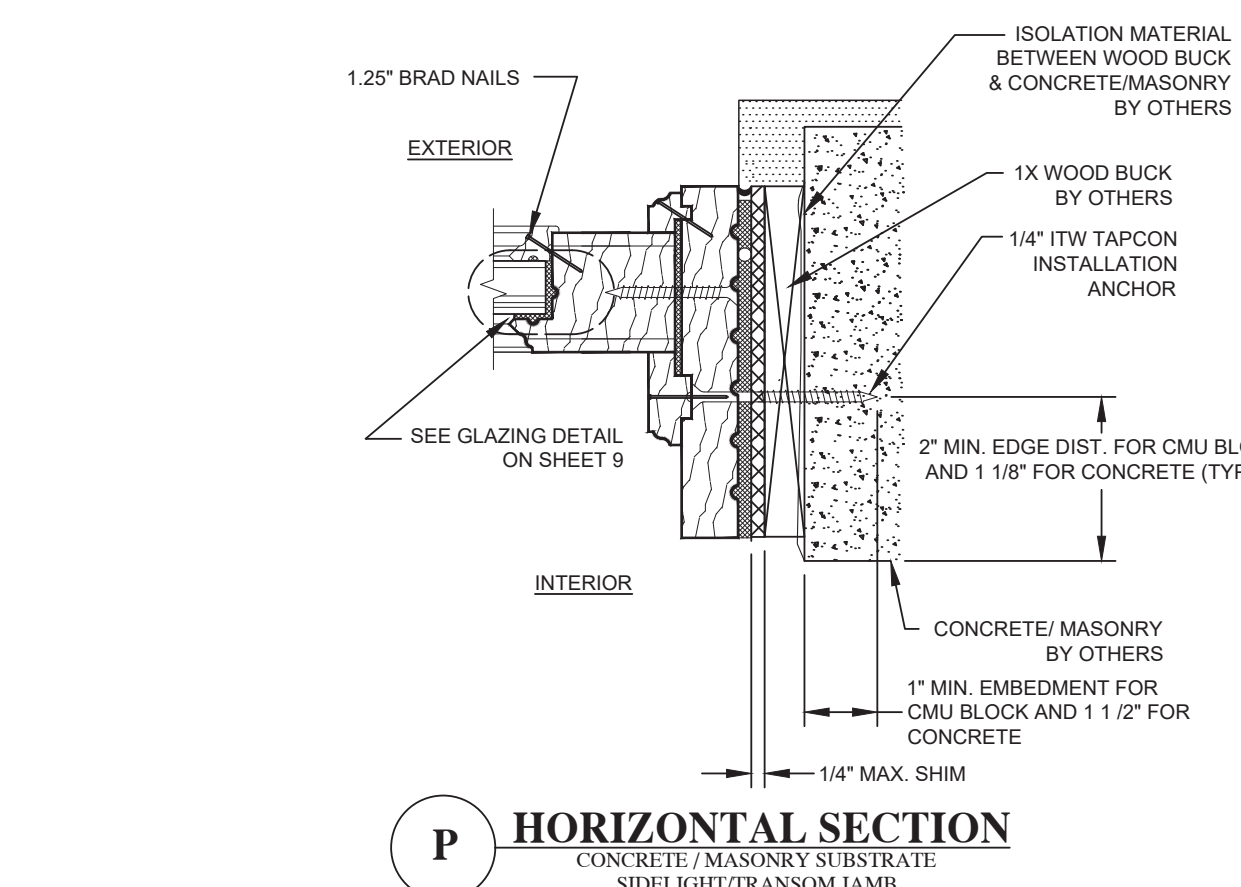
DOUBLE DOOR WITH SIDELIGHTS (OXXO) AND DOUBLE DOOR WITH SIDELIGHTS/TRANSOMS (OOO/OXXO)



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



DOUBLE DOOR WITH SIDELIGHTS (OXXO)

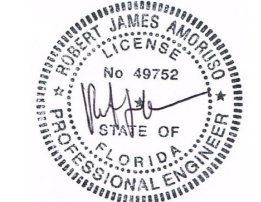


DOUBLE DOOR WITH SIDELIGHTS (OXXO) AND DOUBLE DOOR WITH SIDELIGHTS/TRANSOMS (OOO/OXXO)

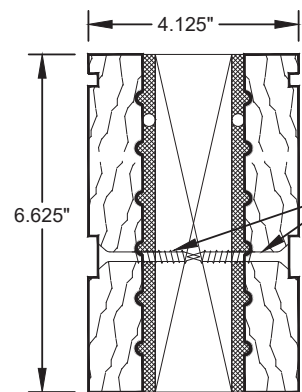
PROJECT NO. 422-0605		RJA	2/10/23	RJA	7/8/20	RJA	10/2/17	BY
E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466 INSWING WOOD ENTRY DOORS HORIZONTAL SECTIONS		DATE:	7/29/15	DRAWING NO:	SAN0002	SHEET:	12 OF 14	DATE
TITLE:		DATE:	7/29/15	DRAWING NO:	SAN0002	SHEET:	12 OF 14	DATE
PREPARED BY:		DATE:	7/29/15	DRAWING NO:	SAN0002	SHEET:	12 OF 14	DATE
P.T.C. PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBIE C.A. NO. 23935		DATE:	7/29/15	DRAWING NO:	SAN0002	SHEET:	12 OF 14	DATE

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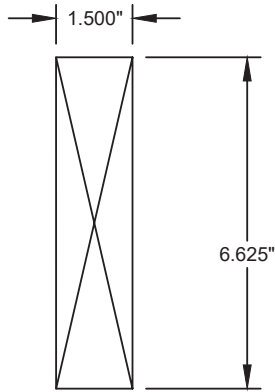
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



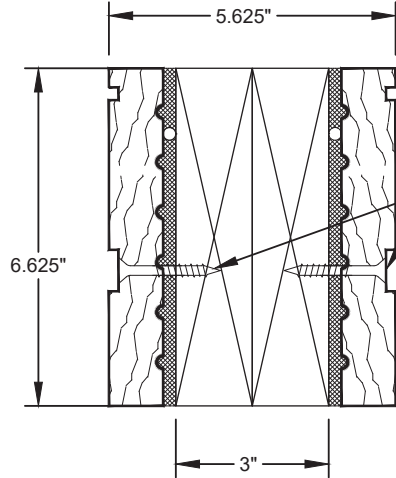
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Date: 2023.07.23
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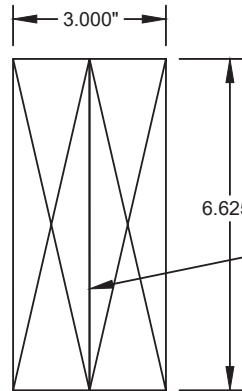
COMPOSITE
MULLION



SINGLE
MULLION
POST



COMPOSITE
MULLION



DOUBLE
MULLION
POST

MULLION INSTALLATION NOTES:

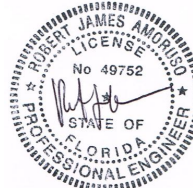
1. NO. 14 X 3" SS WOOD SCREW SHALL BE LOCATED AS FOLLOWS.
 - 1.1. ON VERTICAL MULL POSTS PLACEMENT IS 2" FROM TOP AND BOTTOM AND 7-3/4" ON CENTER.
 - 1.2. ON HORIZONTAL MULLS PLACEMENT IS 2" FROM EACH SIDE AND 11" ON CENTER.
2. NO. 14 WOOD SCREWS CAN BE STAGGERED TO MAINTAIN MINIMUM 1" SPACING BETWEEN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

PROJECT NO. 422-0605		RJA	2/10/23	UPDATE TO 8TH ED. (2023) FBC	C
		RJA	7/8/20	UPDATE TO 7TH ED. (2020) FBC	B
		RJA	10/2/17	UPDATE TO 6TH ED. (2017) FBC	A
		REV	DESCRIPTION	DATE	BY

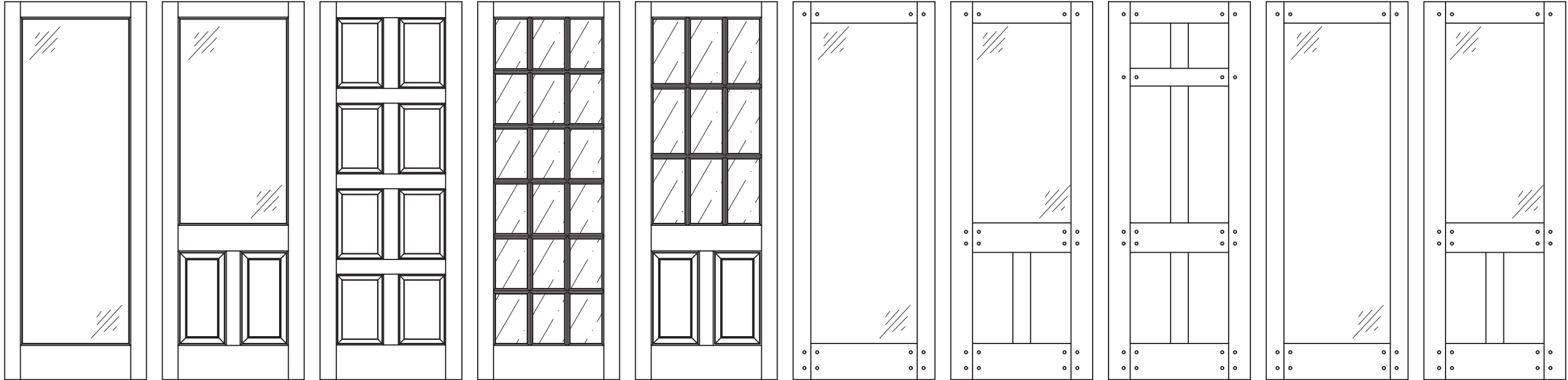
E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466		DRAWN BY: JJBH	DATE: 7/29/15
INSWING WOOD ENTRY DOORS MULLION END ANCHOR DETAILS 9 FT.		SCALE: N.T.S.	DRAWING NO: SAN0002
PREPARED BY: PTC PRODUCT DESIGN GROUP, LLC LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 22935		REV: C	SHEET: 13 OF 14

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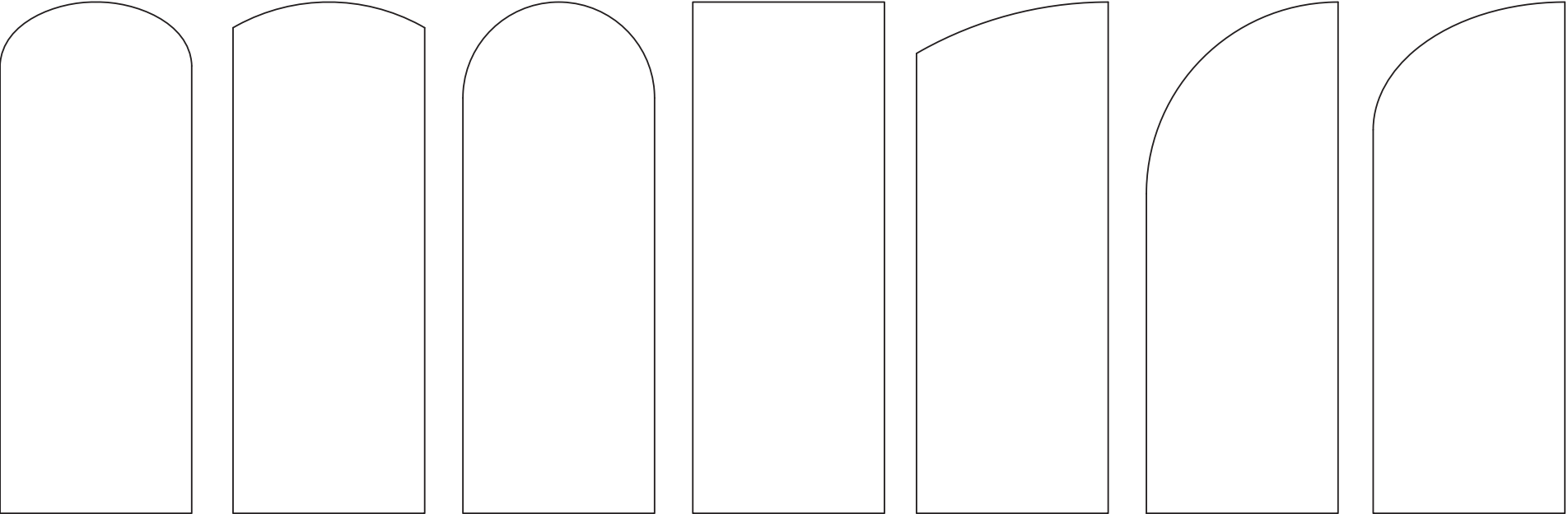
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



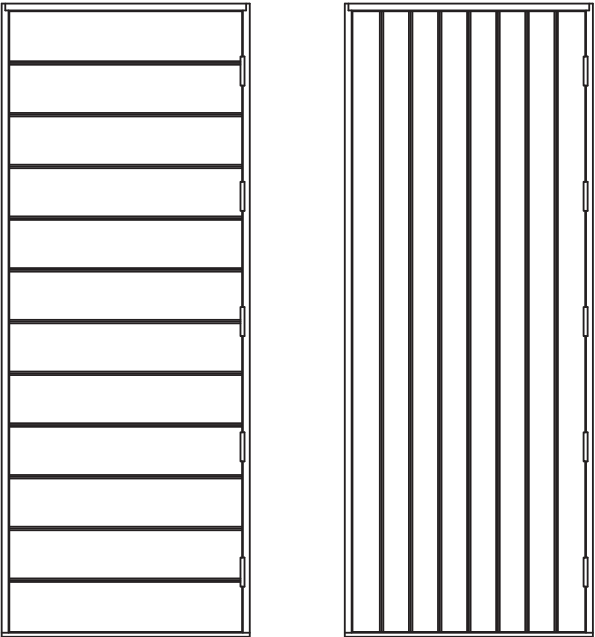
Digitally signed by
Robert J Amoruso
Date: 2023.07.23
14:58:15 -04'00'



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

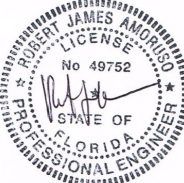
APPROVED PLANK DOOR PANEL CONFIGURATIONS

PROJECT NO. 422-0605			
C	UPDATE TO 8TH ED. (2023) FBC	2/10/23	RJA
B	UPDATE TO 7TH ED. (2020) FBC	7/8/20	RJA
A	UPDATE TO 6TH ED. (2017) FBC	10/2/17	RJA
REV	DESCRIPTION	DATE	BY

E.F. SAN JUAN, INC. 11442 HIGHWAY 231 YOUNGSTOWN, FL 32466			
INSWING WOOD ENTRY DOORS			
APPROVED TYPICAL CONFIGURATIONS			
DRAWN BY:	JBH	DATE:	7/29/15
SCALE:	N.T.S.	DRAWING NO:	SAN0002
REV:	C	SHEET:	14 OF 14

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com
FBPE C.A. NO. 23935

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Date: 2023.07.23 14:58:28 -04'00'