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OVERALL SIZE & CONFIGURATION	DESIGN PRESSURE (PSF)			
	INSWING		OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
37 3/4" X 98" (X) SQUARE TOP & ROUND TOP SINGLE DOOR (36" X 98" PANEL)	+50.0	-50.0	+50.0	-50.0
85 7/8" X 98" (XO, OX) SQUARE TOP SINGLE DOOR W/ FULL LITE PANEL INSERT SIDELITE (36" X 98" PANEL)	+50.0	-50.0	+50.0	-50.0
79 3/4" X 98" (XO, OX) SQUARE TOP SINGLE DOOR W/ SASH SET SIDELITES (36" X 98" PANEL)	+50.0	-50.0	+50.0	-50.0
66 1/8" X 98" (XO, OX) SQUARE TOP SINGLE DOOR W/ DIRECT SET SIDELITES (36" X 98" PANEL)	+50.0	-50.0	+50.0	-50.0
134" X 98" (OXO) SQUARE TOP,ROUND TOP & EYEBROW SINGLE DOOR W/ FULL LITE PANEL INSRT SIDELITES (36" X 98" PANEL)	+50.0	-50.0	+50.0	-50.0
121 3/4" X 98" (OXO) SQUARE TOP, ROUND TOP & EYEBROW SINGLE DOOR W/ SASH SET SIDELITES (36" X 98" PANEL)	+50.0	-50.0	+50.0	-50.0
94 1/2" X 98" (OXO) SQUARE TOP, ROUND TOP & EYBROW SINGLE DOOR W/ DIRECT SET SIDELITES (36" X 98" PANEL)	+50.0	-50.0	+50.0	-50.0
43 3/4" X 122 1/4" (X) SQUARE TOP & ROUND TOP SINGLE DOOR	+55.0	-55.0	+55.0	-55.0
91 7/8" X 121 5/8" (XO, OX) SQUARE TOP SINGLE DOOR W/ FULL LITE PANEL INSERT SIDELITE	+55.0	-55.0	+55.0	-55.0
85 3/4" X 121 5/8" (XO, OX) SQUARE TOP SINGLE DOOR W/ SASH SET SIDELITES	+55.0	-55.0	+55.0	-55.0
72 1/8" X 121 5/8" (XO, OX) SQUARE TOP SINGLE DOOR W/ DIRECT SET SIDELITES	+55.0	-55.0	+55.0	-55.0
140" X 121 5/8" (OXO) SQUARE TOP,ROUND TOP & EYEBROW SINGLE DOOR W/ FULL LITE PANEL INSRT SIDELITES	+55.0	-55.0	+55.0	-55.0
127 3/4" X 121 5/8" (OXO) SQUARE TOP, ROUND TOP & EYEBROW SINGLE DOOR W/ SASH SET SIDELITES	+55.0	-55.0	+55.0	-55.0
100 1/2" X 121 5/8" (OXO) SQUARE TOP, ROUND TOP & EYBROW SINGLE DOOR W/ DIRECT SET SIDELITES	+55.0	-55.0	+55.0	-55.0

REAL WOODS LLC

2 1/4" INSWING / OUTSWING GLAZED & OPAQUE
SINGLE IMPACT DOOR W & W/O SIDELITES
INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT #S TEL 2004-08-30-020 DATED 08/30/04, TEL 06-0418-1 DATED 11/30/07, NCTL-210-3581-1 DATED 2/11/09 AND ASSOCIATED LABORATORY STAMPED DRAWINGS. IMPACT RATING: MISSILE LEVEL D, WIND ZONE 4.
2. 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 STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.

3. 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 ENGINEER OR ARCHITECT OF RECORD.

4. THIS PRODUCT IS NOT REQUIRED TO USE AN IMPACT PROTECTIVE SYSTEM THAT COMPLIES WITH THE FLORIDA BUILDING CODE IN THE WIND BORNE DEBRIS REGION.

5. DOOR FRAME AND PANEL MATERIAL: MAHOGANY (0.51 MIN. SPECIFIC GRAVITY)

6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1. ALL GLASS CONFIGURATIONS CAN BE USED FOR ALL DOOR & SIDELITE PANELS.

7. DESIGNATIONS "X" & "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. ONE (1) IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION. IN ADDITION TO THE INSTALLATION ANCHORS SHOWN, ONE (1) INSTALLATION ANCHOR IS REQUIRED IN EACH HINGE. LOCATE HINGE ANCHOR IN THE TOP OUTERMOST HOLE OF THE HINGE LEAF INTO THE HINGE JAMB. ANCHORS ARE TO MATCH TYPE, SIZE, AND EMBEDMENT OF THOSE SHOWN HEREIN FOR RESPECTIVE SUBSTRATES.

INSTALLATION NOTES CONTINUED:

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 #10 WOOD SCREWS, EXCEPT FOR MULLION CLIPS, WITH SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 3/4 INCHES. USE #12 WOOD SCREWS FOR MULLION CLIPS W / 1 1/2" EMBEDMENT & MINIMUM 7/8" EDGE DISTANCE.

5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 1/4 INCH ITW TAPCONS (ADVANCED THREADFORM), EXCEPT FOR MULLION CLIPS, WITH SUFFICIENT LENGTH TO ACHIEVE 1-1/4 INCH MINIMUM EMBEDMENT (1 INCH MIN. EMBEDMENT IN MASONRY). MINIMUM EDGE DISTANCE IS 2-1/2 INCHES. MINIMUM ANCHOR SEPARATION IS 4 INCHES. USE 1/4" POWERS TAPPERS FOR MULLION CLIPS W/ 2-1/2 INCH MINIMUM EDGE DISTANCE, 1-11/16" MINIMUM ON CENTER DISTANCE & 1-1/2 INCH MINIMUM EMBEDMENT AT SILL & 1-3/8 INCH MINIMUM EMBEDMENT AT HEAD AND JAMBS.

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:

- A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42.
B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 psi
C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT.

9. APPROVED HARDWARE:
A. 4" X 4" TEMPLATE HINGE
B. 4 3/4" X 4 3/4" TEMPLATE HINGE
C. IVES 450 CAM OPERATED FLUSH BOLT W/EMTEK LOCK PLATES
D. DELTANA HEAVY DUTY CAM OPERATED FLUSH BOLT W/EMTEK LOCK PLATES
E. DELTANA 18EFB EXTENSION FLUSH BOLT
F. EMTEK #3300 MORTISE LOCK
G. EMTEK #4500CYLINDRICAL PASS LOCK
H. GU MULTIPOINT EUROPA R2 LOCK
I. BALDWIN #6000SERIES MORTISE LOCK

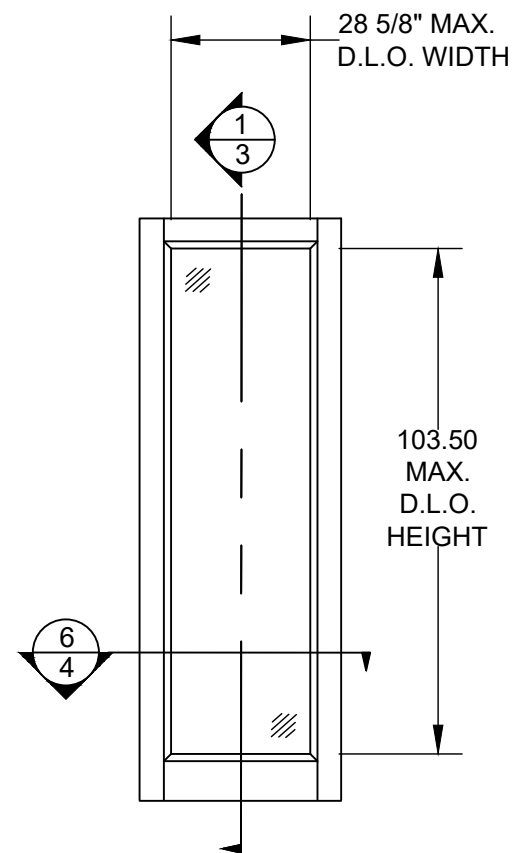
PROJECT #419-0909					BY
					DATE
					DESCRIPTION
				REV	

Real Woods Inc. 1230 N. East Ave Sarasota, FL 34237	TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES GENERAL AND INSTALLATION NOTES & DP CHART			
	DRAWN BY:	RJA	DATE:	8/7/20
	SCALE:	N.T.S.	DRAWING NO:	RW0058
	REV:	---	SHEET:	1 OF 24

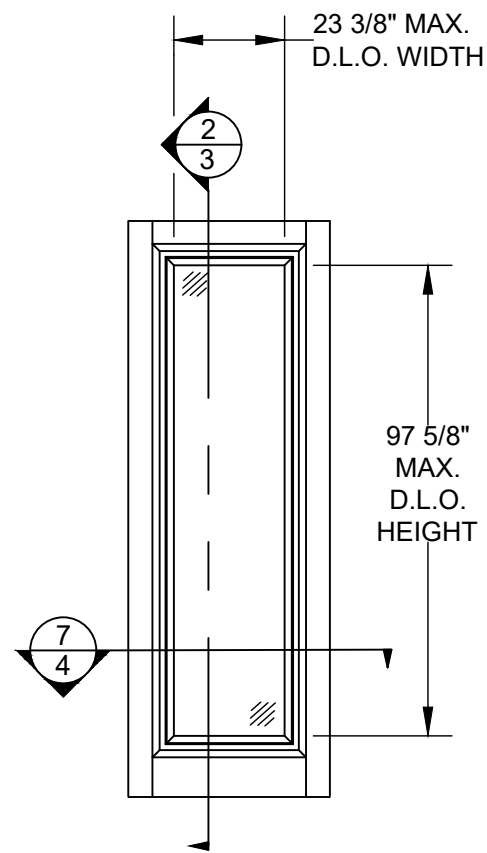
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 52075
LONGWOOD, FLORIDA 32752
TELE: 321.690.1788
FAX: 321.690.1789
EMAIL: info@ptc-corp.com



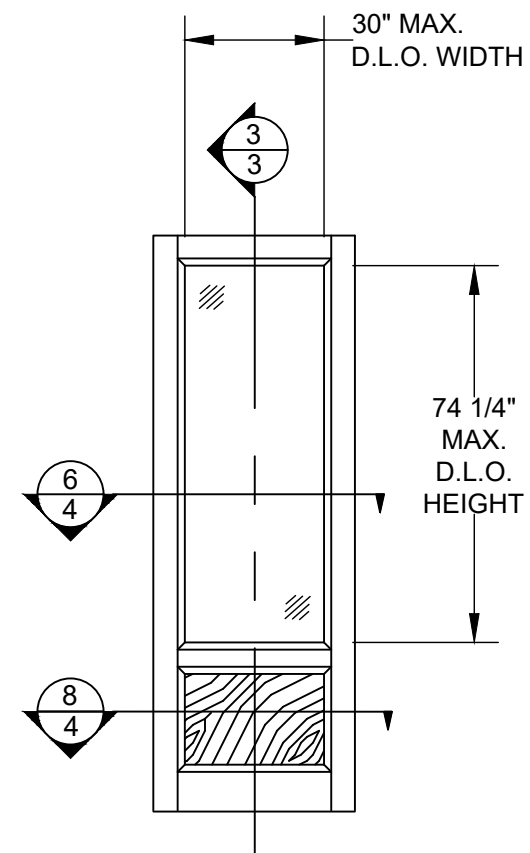
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



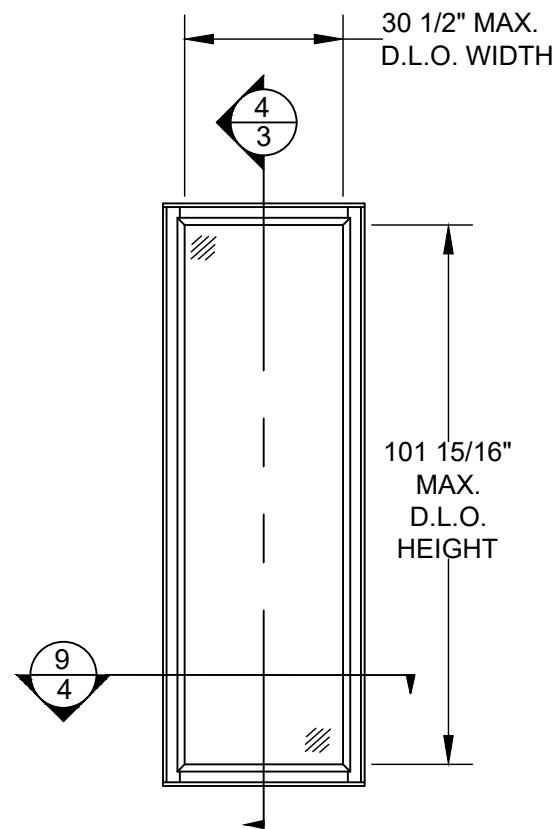
FULL LITE
(DOOR & SIDELITE PANELS)



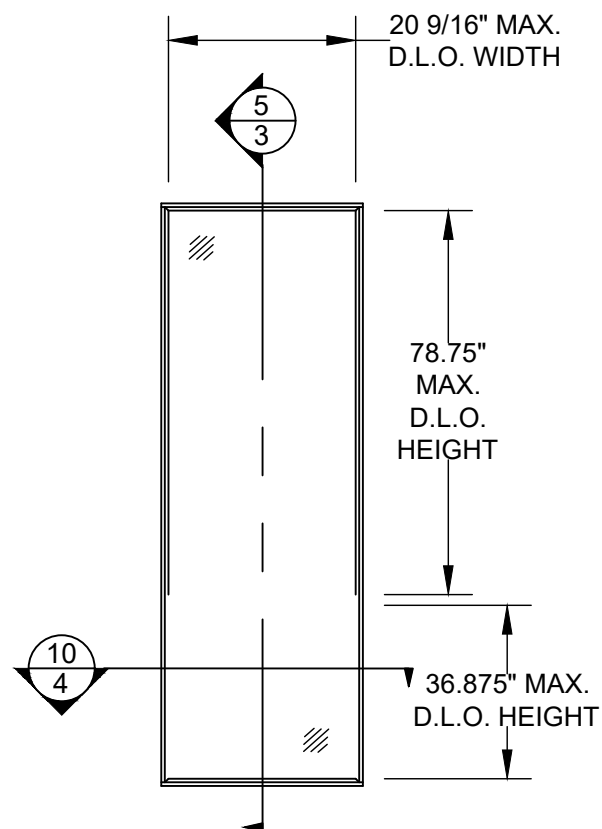
FULL LITE PANEL INSERT
(DOOR & SIDELITE PANELS)



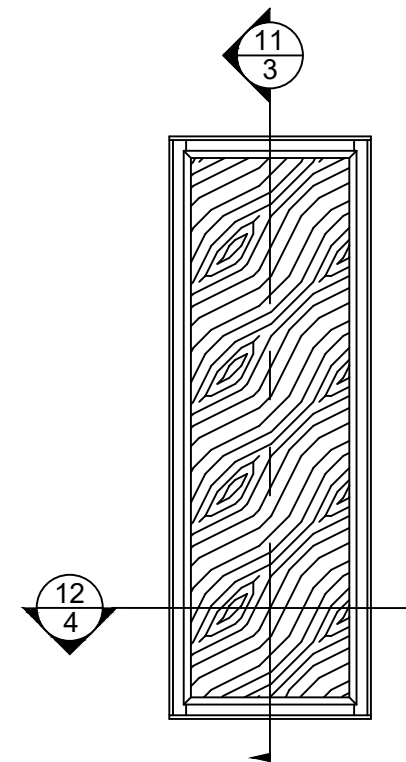
3/4 LITE OVER WOOD PANEL
(DOOR & SIDELITE PANELS)



SASH SET PANEL
(SIDELITE PANEL)



DIRECT SET PANEL
(SIDELITE PANEL)



OPAQUE SASH SET PANEL
(SIDELITE PANEL)

PROJECT #419-0909

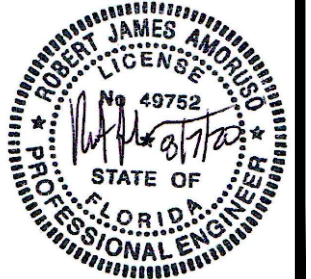
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

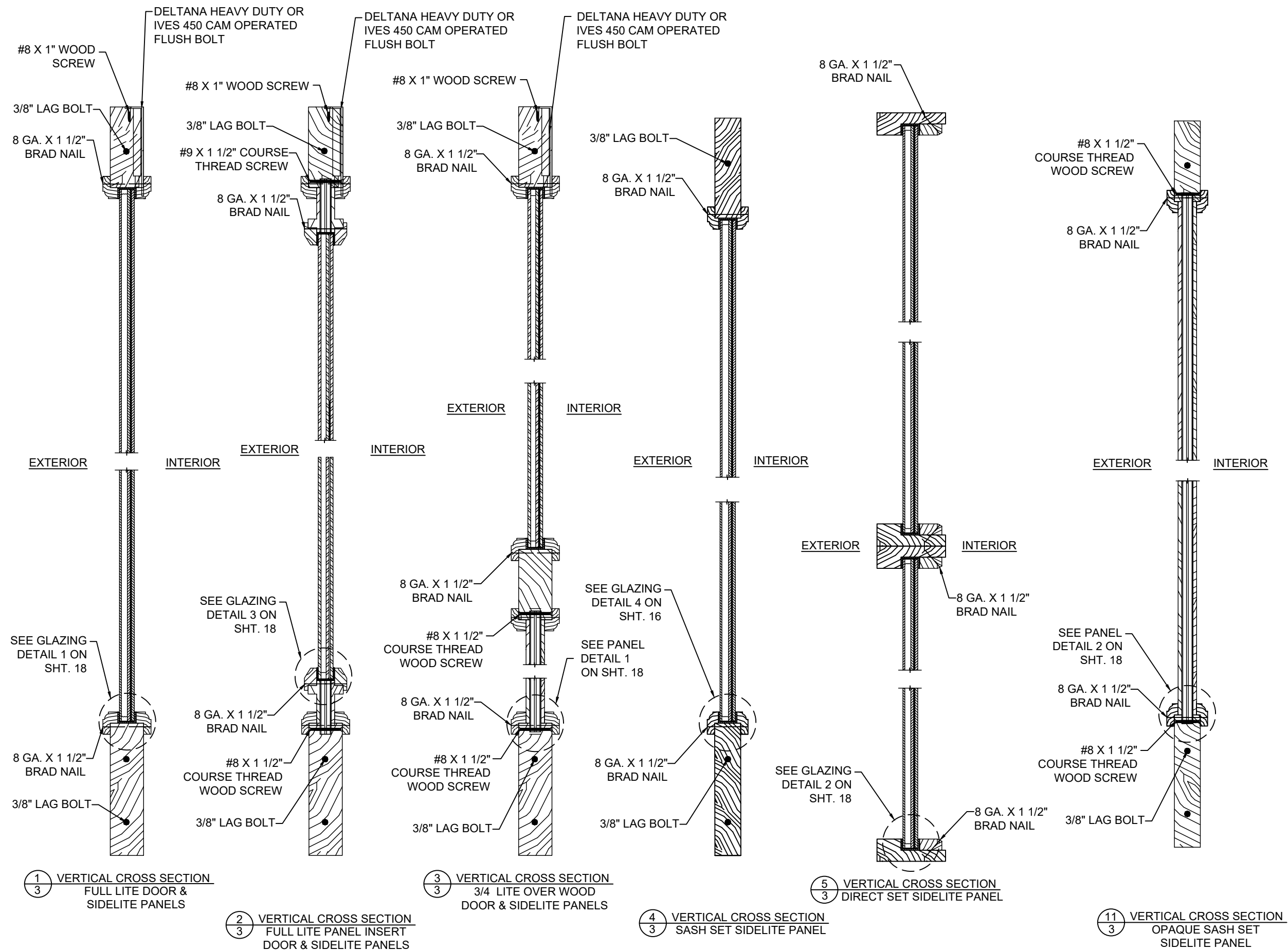
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PANEL ELEVATIONS

DATE:	8/7/20
DRAWING NO:	RW0058
SHEET:	2 OF 24
DRAWN BY:	RJA
SCALE:	N.T.S.
REV:	---

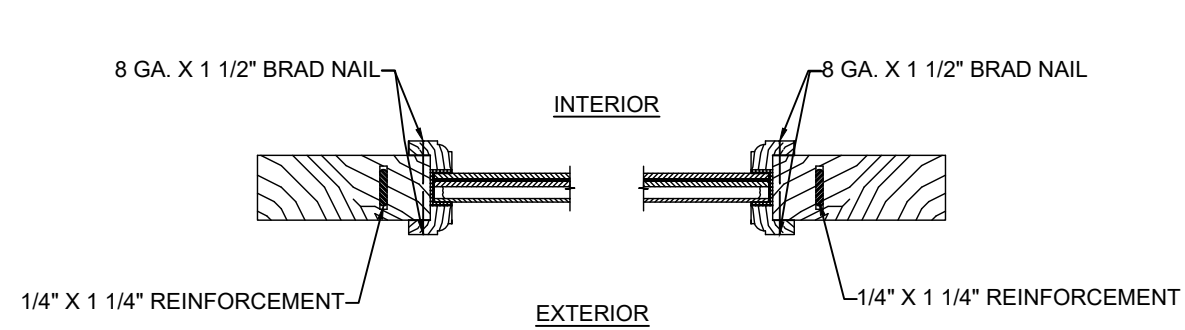
PTC PRODUCT DESIGN GROUP, LLC
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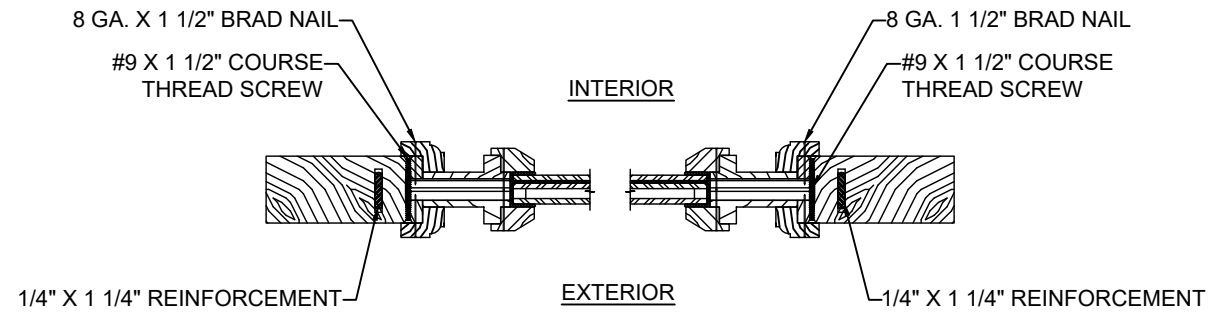




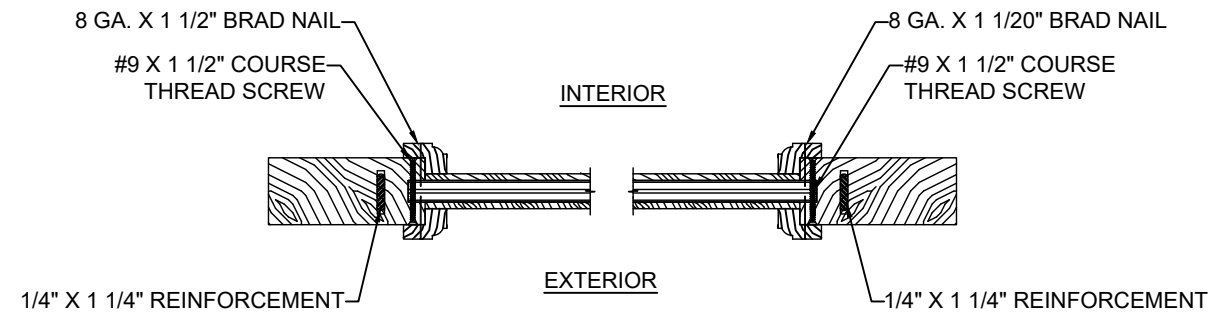
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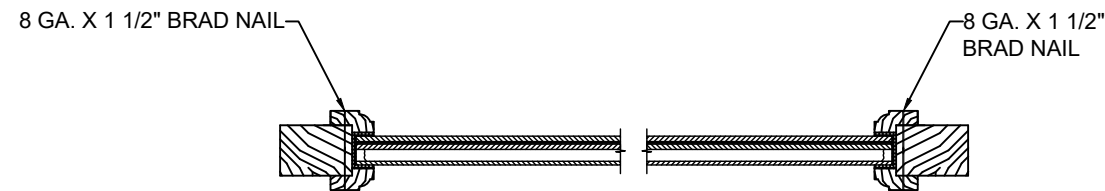
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4 HORIZONTAL CROSS SECTION
FULL LITE DOOR & 3/4 LITE OVER
WOOD DOOR PANEL
& SIDELITE PANELS



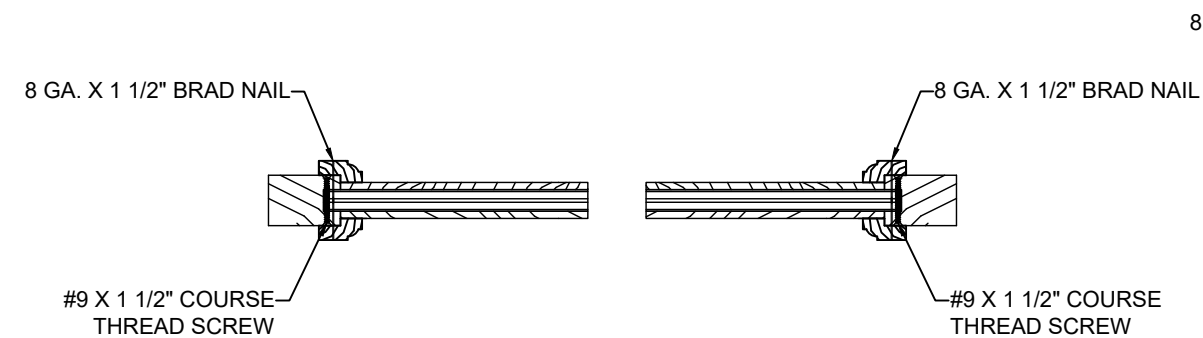
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4 HORIZONTAL CROSS SECTION
FULL LITE PANEL INSERT
DOOR & SIDELITE PANELS



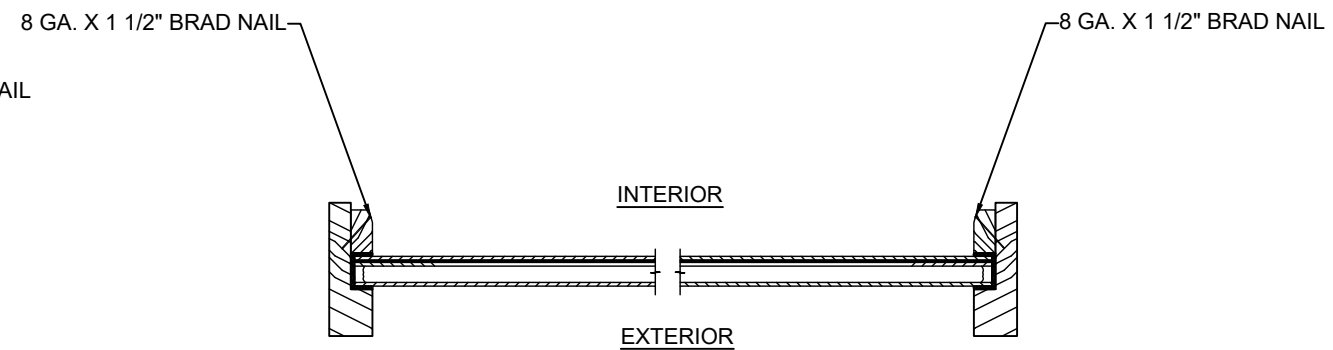
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4 HORIZONTAL CROSS SECTION
WOOD PANEL UNDER 3/4 LITE GLAZING
DOOR & SIDELITE PANELS



9
4 HORIZONTAL CROSS SECTION
SASH SET SIDELITE PANEL



12
4 HORIZONTAL CROSS SECTION
OPAQUE SASH SET SIDELITE PANEL



10
4 HORIZONTAL CROSS SECTION
DIRECT SET SIDELITE PANEL

PROJECT #419-0909

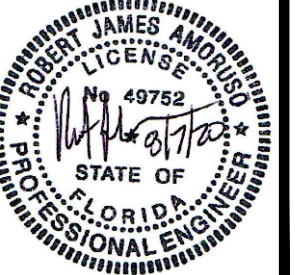
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

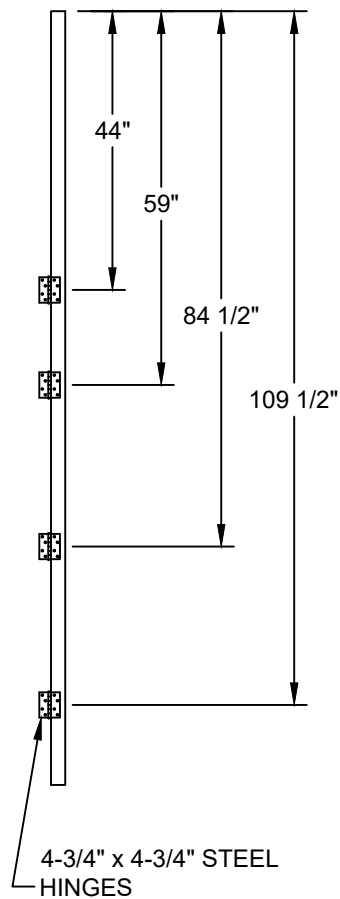
TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
PANEL HORIZONTAL SECTIONS

PREPARED BY:	DRAWN BY:	DATE:	SHEET:
	RJA	8/7/20	4 OF 24
	SCALE:	DRAWING NO:	
	N.T.S.	RW0058	
	REV:		

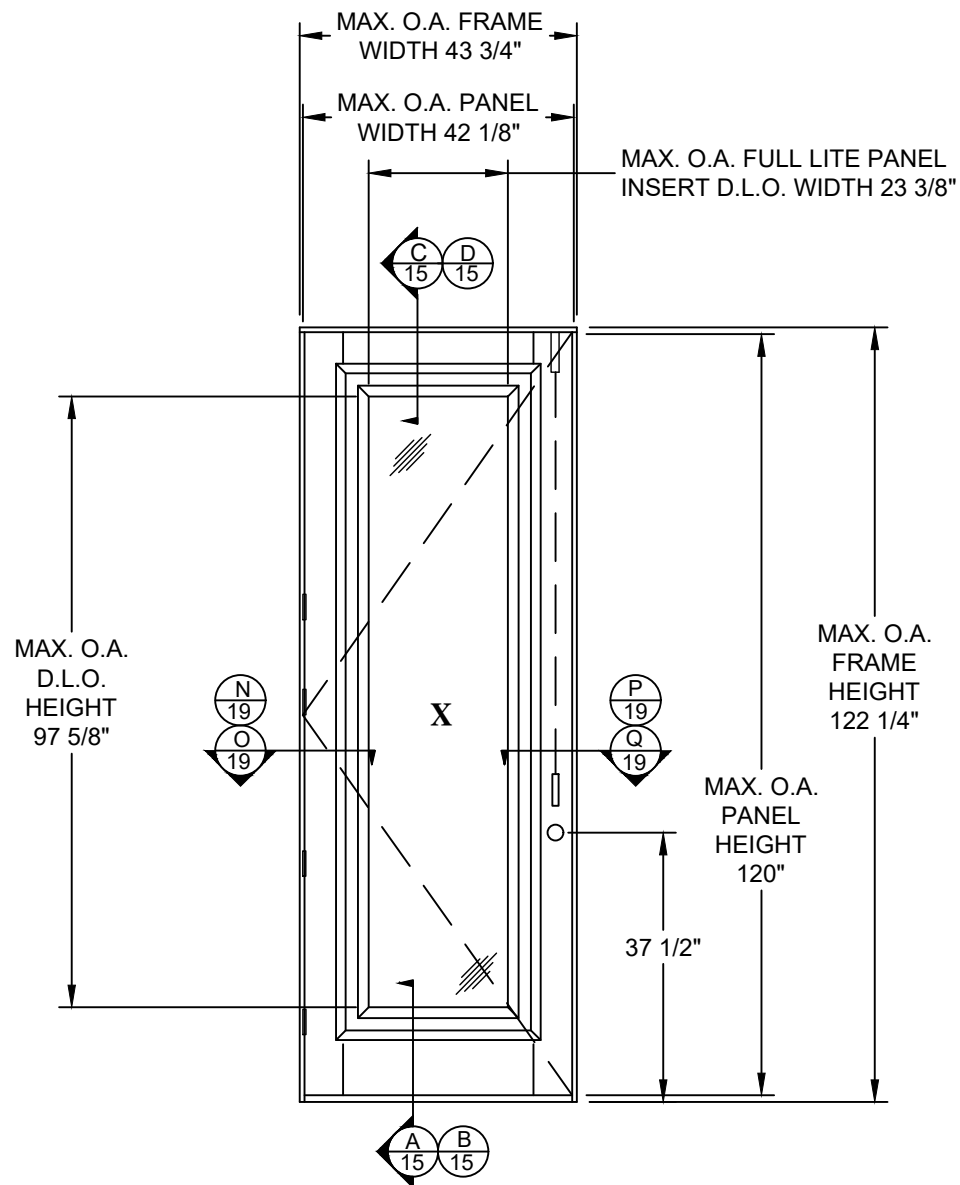
PTC PRODUCT DESIGN GROUP, LLC
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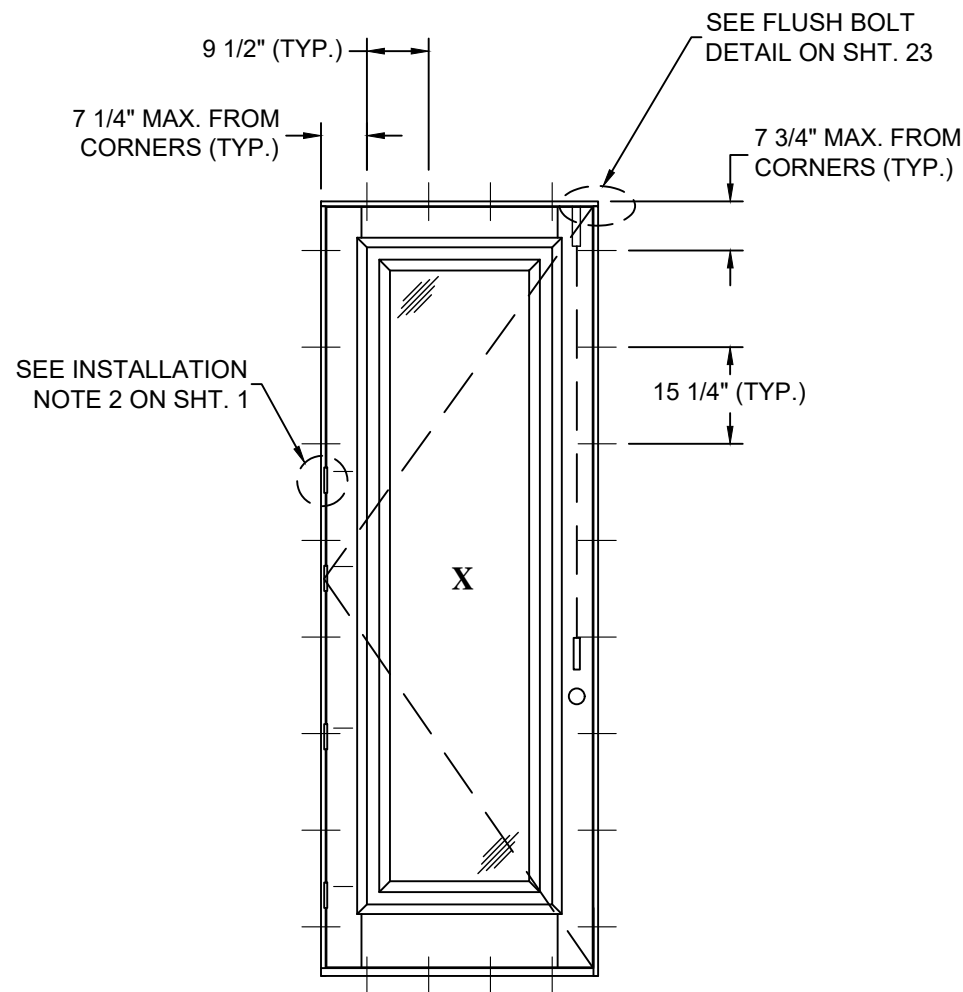




HINGE LOCATIONS



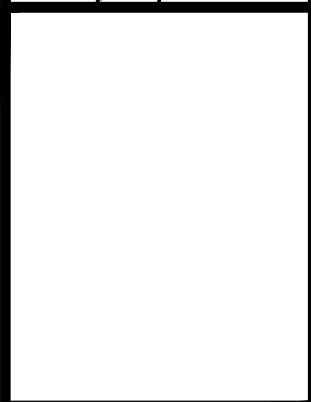
ELEVATION
SQUARE TOP INSWING / OUTSWING (X)
FULL LITE PANEL INSERT DOOR
EXTERIOR VIEW



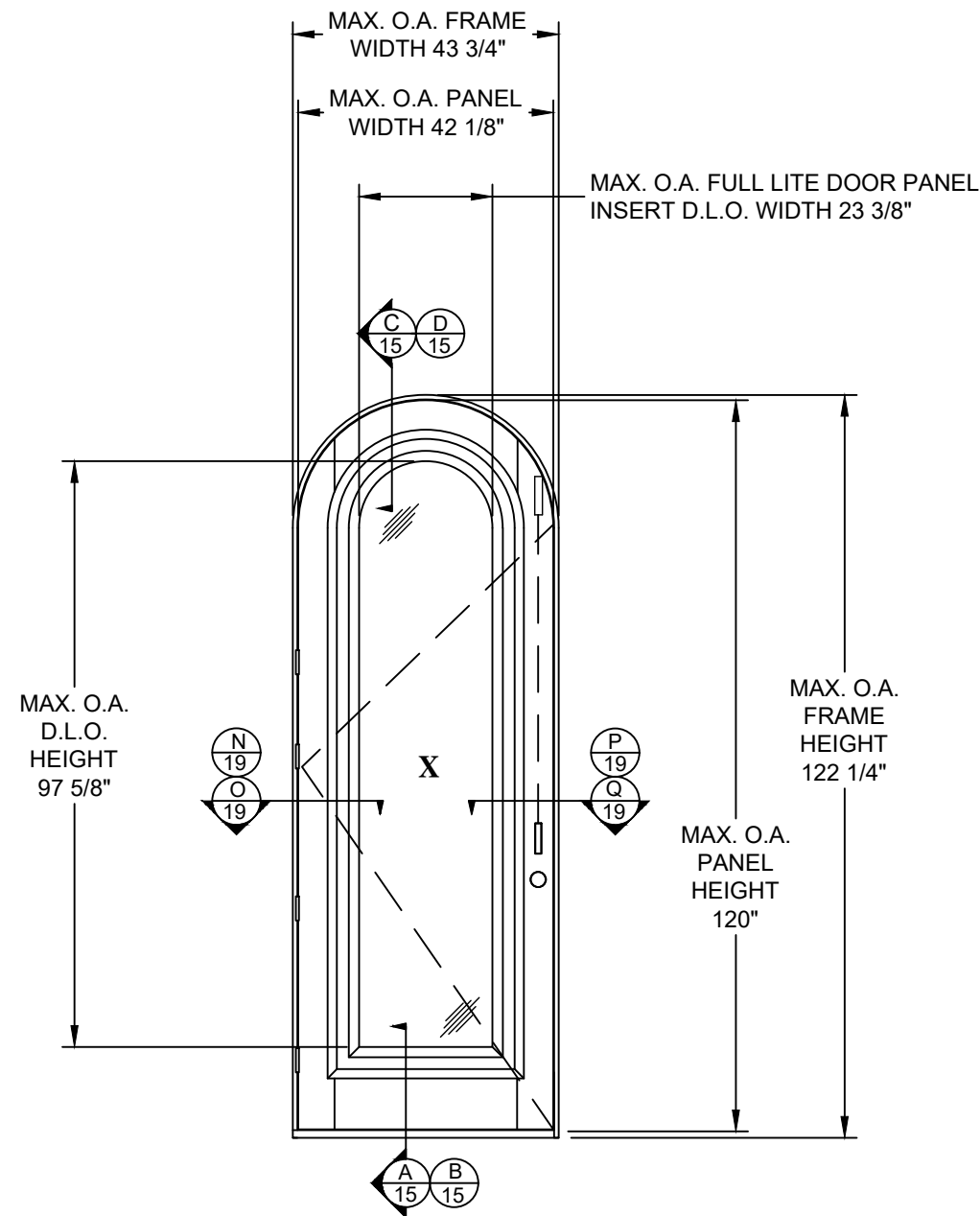
ANCHOR LAYOUT
SQUARE TOP INSWING / OUTSWING (X)
FULL LITE PANEL INSERT DOOR
EXTERIOR VIEW

PROJECT #419-0909				
				BY
				DATE
				DESCRIPTION
			REV	

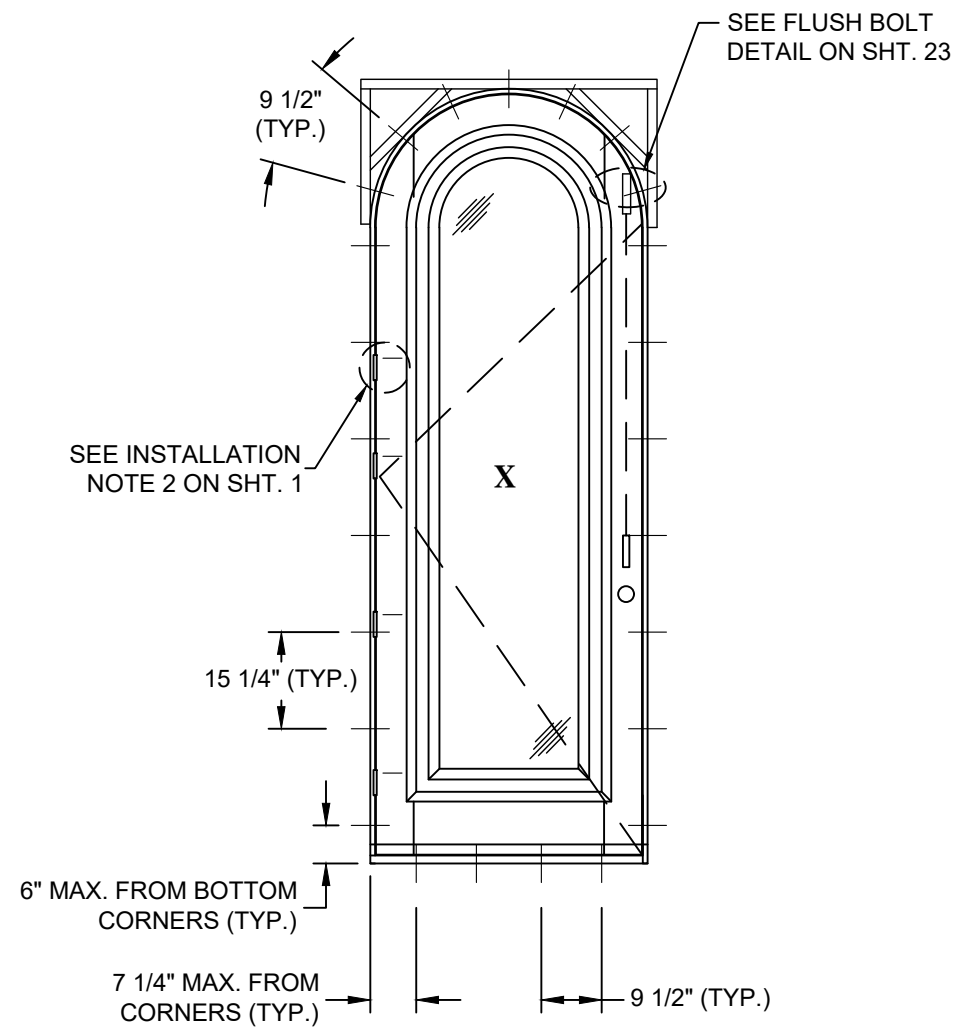
Real Woods Inc. 1230 N. East Ave Sarasota, FL 34237				
TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES ELEVATION & ANCHOR LAYOUT				
PREPARED BY: FBPE PTC PRODUCT DESIGN GROUP, LLC PO BOX 63077 LONGWOOD, FLORIDA 32762 FBPE C.A. NO. 25935	DRAWN BY:	RJA	DATE:	8/7/20
	SCALE:	N.T.S.	DRAWING NO.:	RW0058
	REV:	---	SHEET:	5 OF 24



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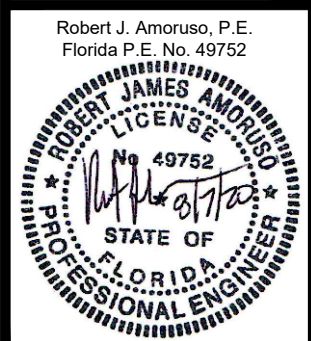
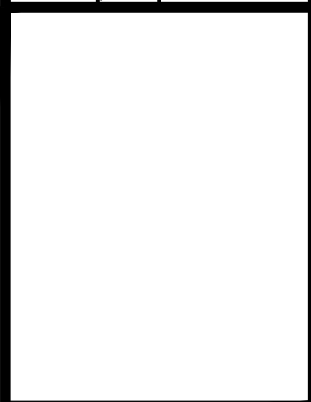
ELEVATION
OPTIONAL ROUND TOP INSWING / OUTSWING (X)
FULL LITE PANEL INSERT DOOR
EXTERIOR VIEW

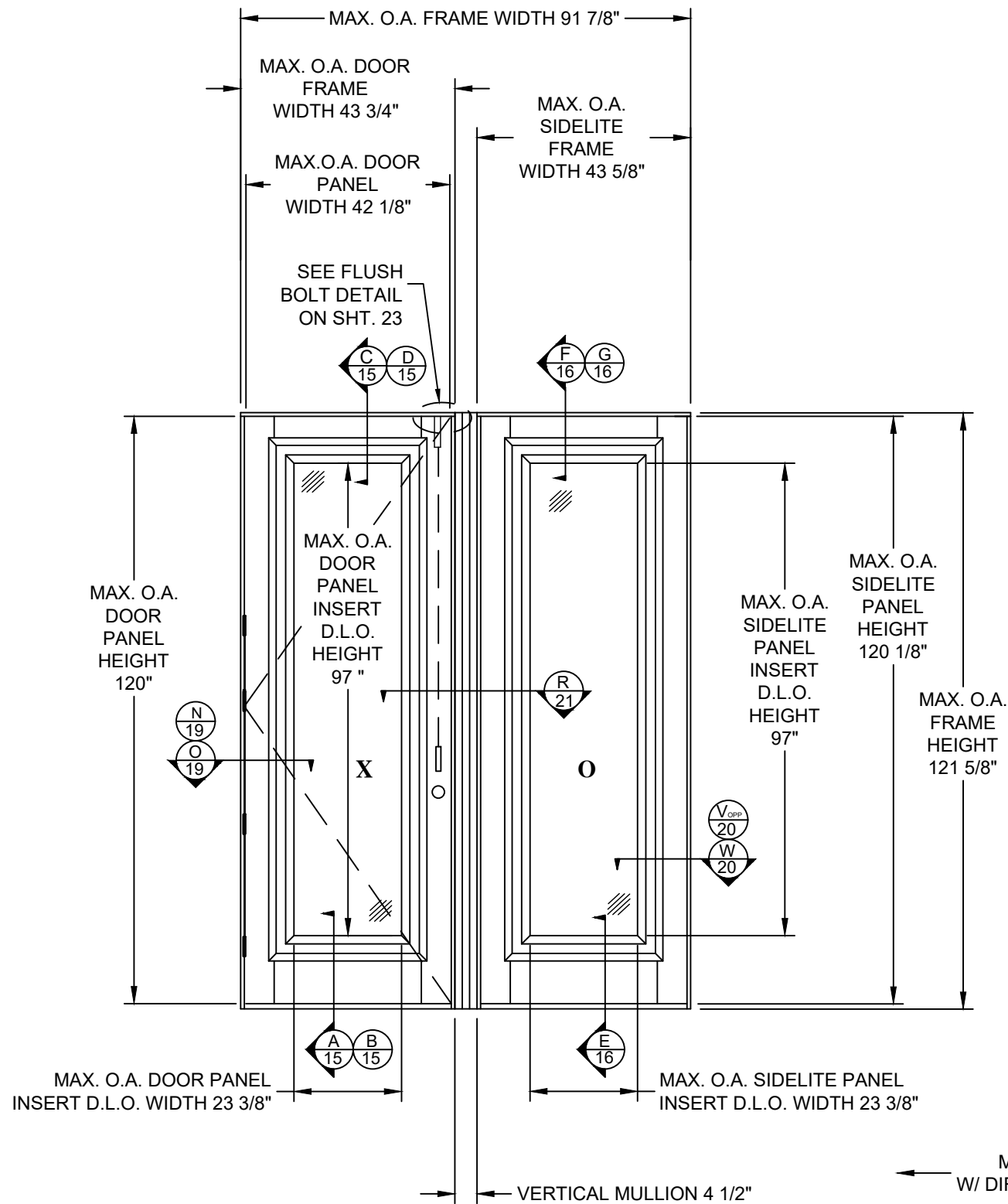


ANCHOR LAYOUT
OPTIONAL ROUND TOP INSWING / OUTSWING (X)
FULL LITE PANEL INSERT DOOR
EXTERIOR VIEW

PROJECT #419-0909				
				BY
				DATE
				REV
				DESCRIPTION

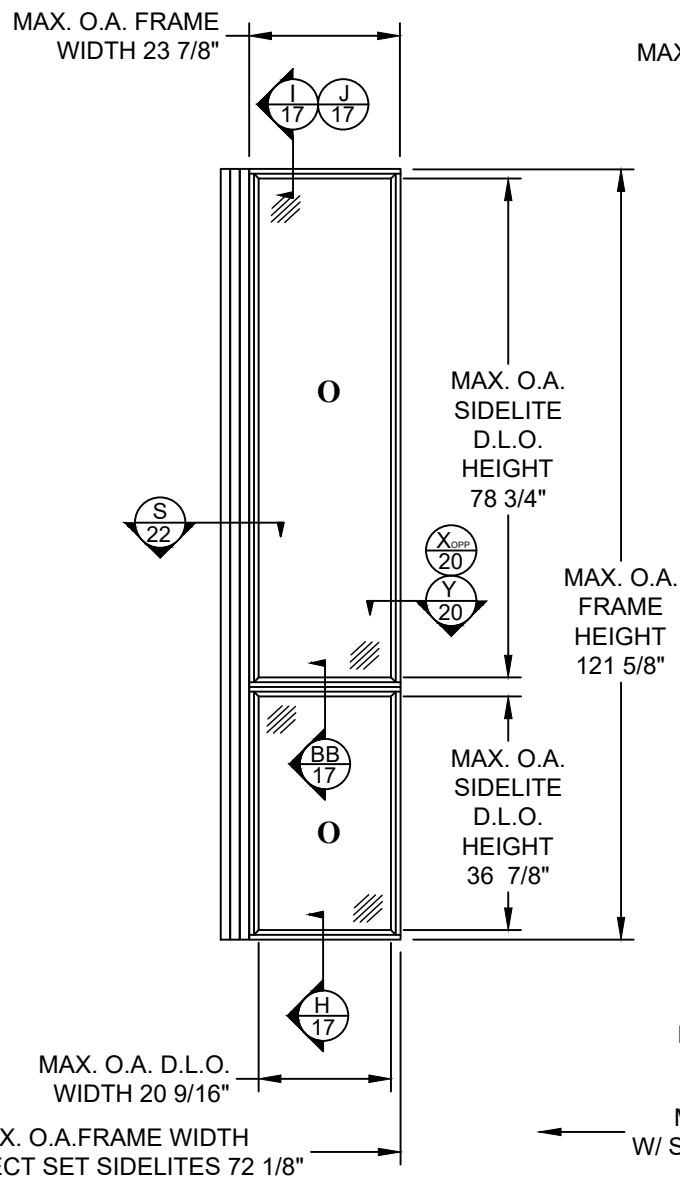
Real Woods Inc. 1230 N. East Ave Sarasota, FL 34237				
TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES ELEVATION & ANCHOR LAYOUT				
PREPARED BY:	DRAWN BY:	DATE:	DRAWING NO:	SHEET:
	RJA	8/7/20	RW0058	6 OF 24
	N.T.S.			
PTC PRODUCT DESIGN GROUP, LLC PO BOX 63077 LONGWOOD, FLORIDA 32762 FBPE C.A. NO. 25935 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com				





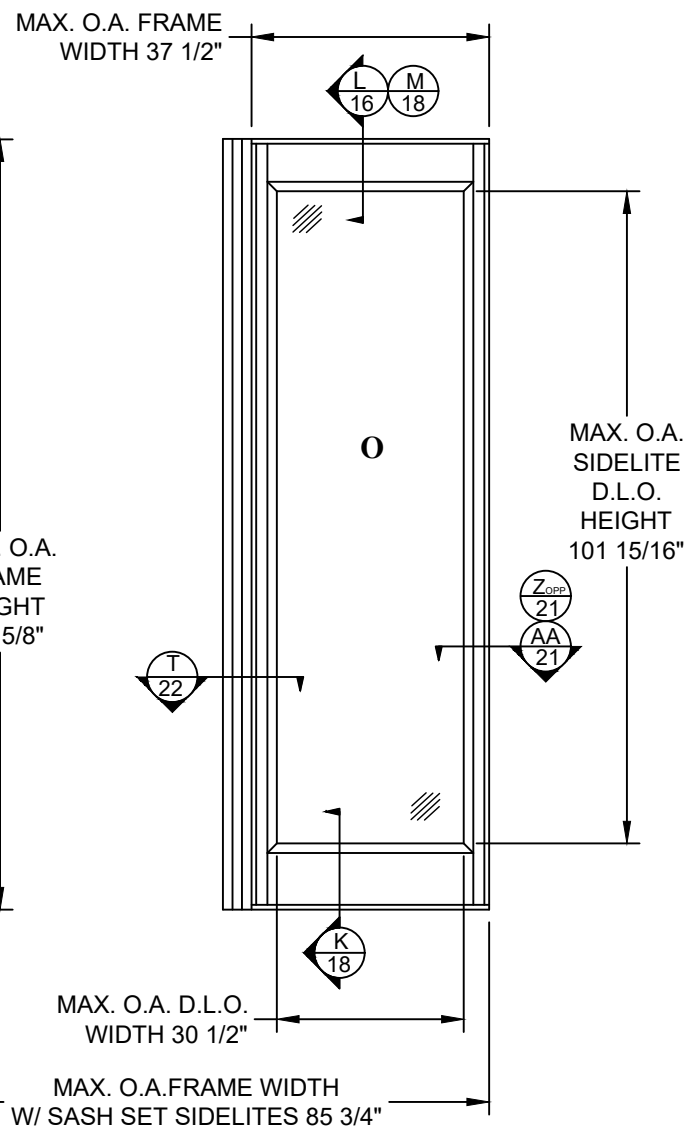
ELEVATION

SQUARE TOP INSWING / OUTSWING (XO SHOWN & OX)
FULL LITE PANEL INSERT DOOR W / SIDELITE
EXTERIOR VIEW



ELEVATION

OPTIONAL DIRECT SET SIDELITE
EXTERIOR VIEW



ELEVATION

OPTIONAL SASH SET SIDELITE
GLAZED OR OPAQUE (GLAZED SHOWN)
EXTERIOR VIEW

PROJECT #419-0909

Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
ELEVATIONS

PREPARED BY:

DRAWN BY:

DATE:

DRAWING NO:

REV:

SHEET:

7 OF 24

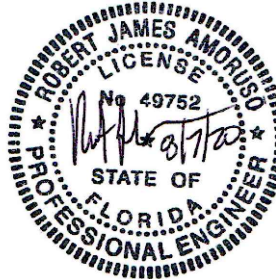
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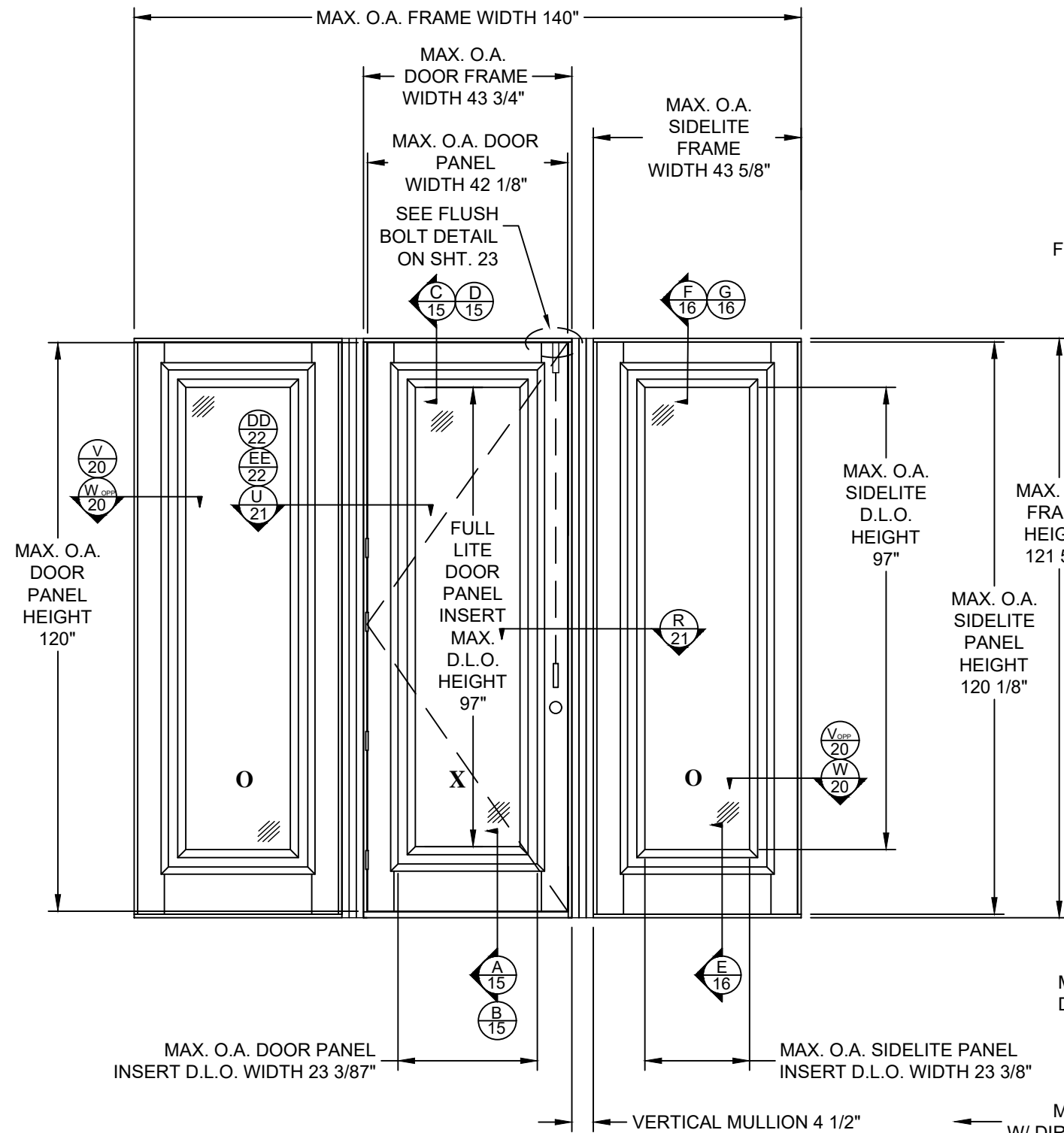
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DATE

BY

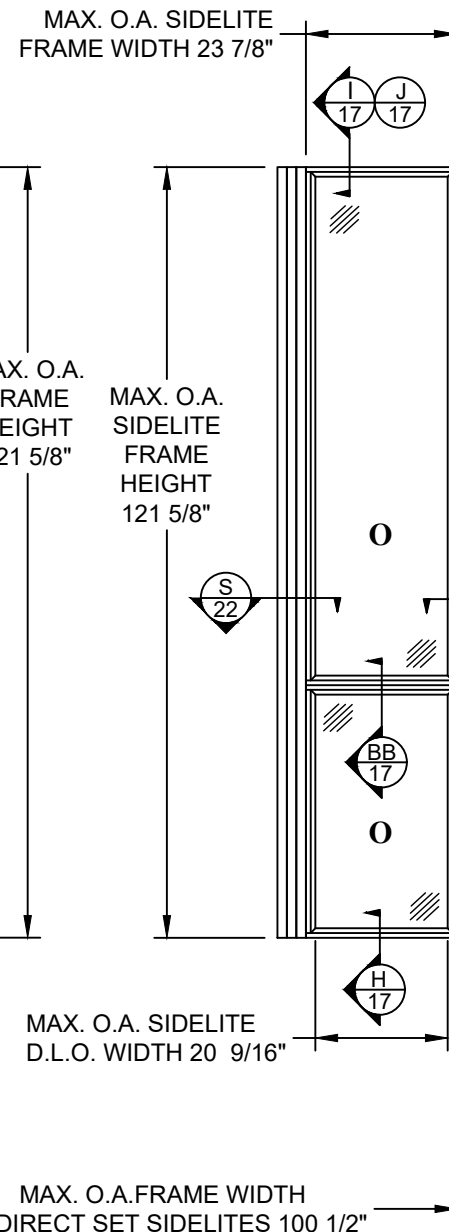
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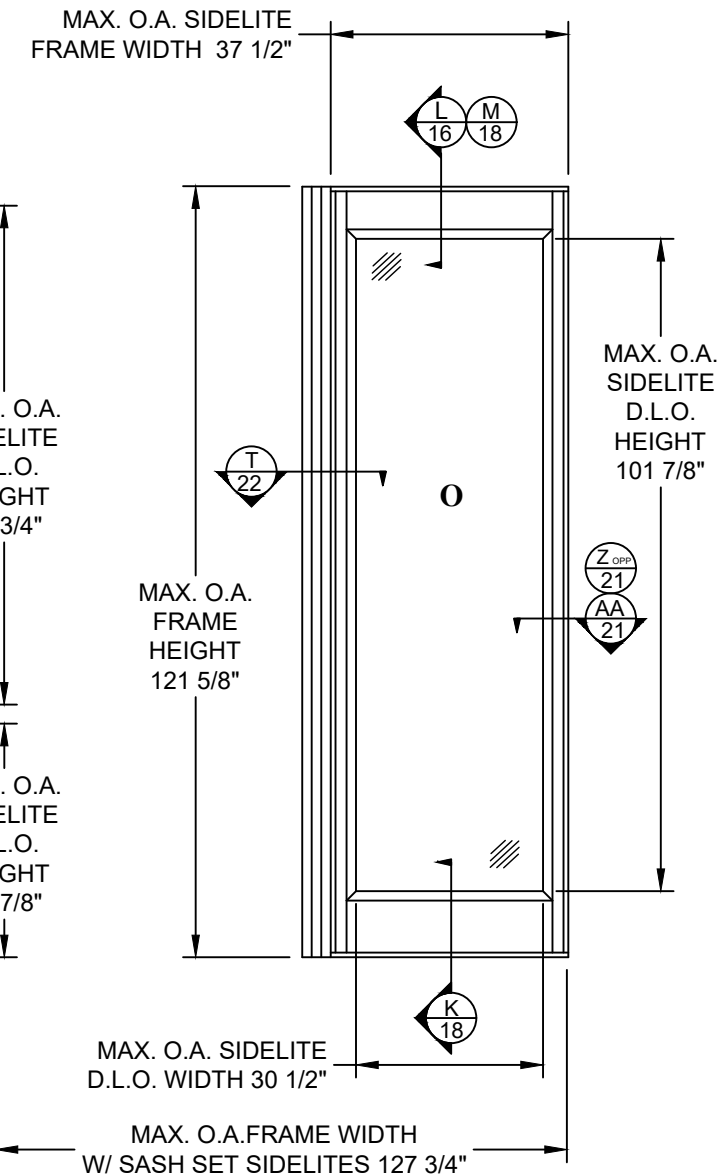
ELEVATION

SQUARE TOP INSWING / OUTSWING (OXO)
FULL LITE PANEL INSERT
EXTERIOR VIEW



ELEVATION

OPTIONAL DIRECT SET SIDELITE
EXTERIOR VIEW



ELEVATION

OPTIONAL SASH SET SIDELITE
EXTERIOR VIEW

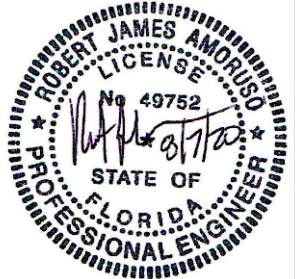
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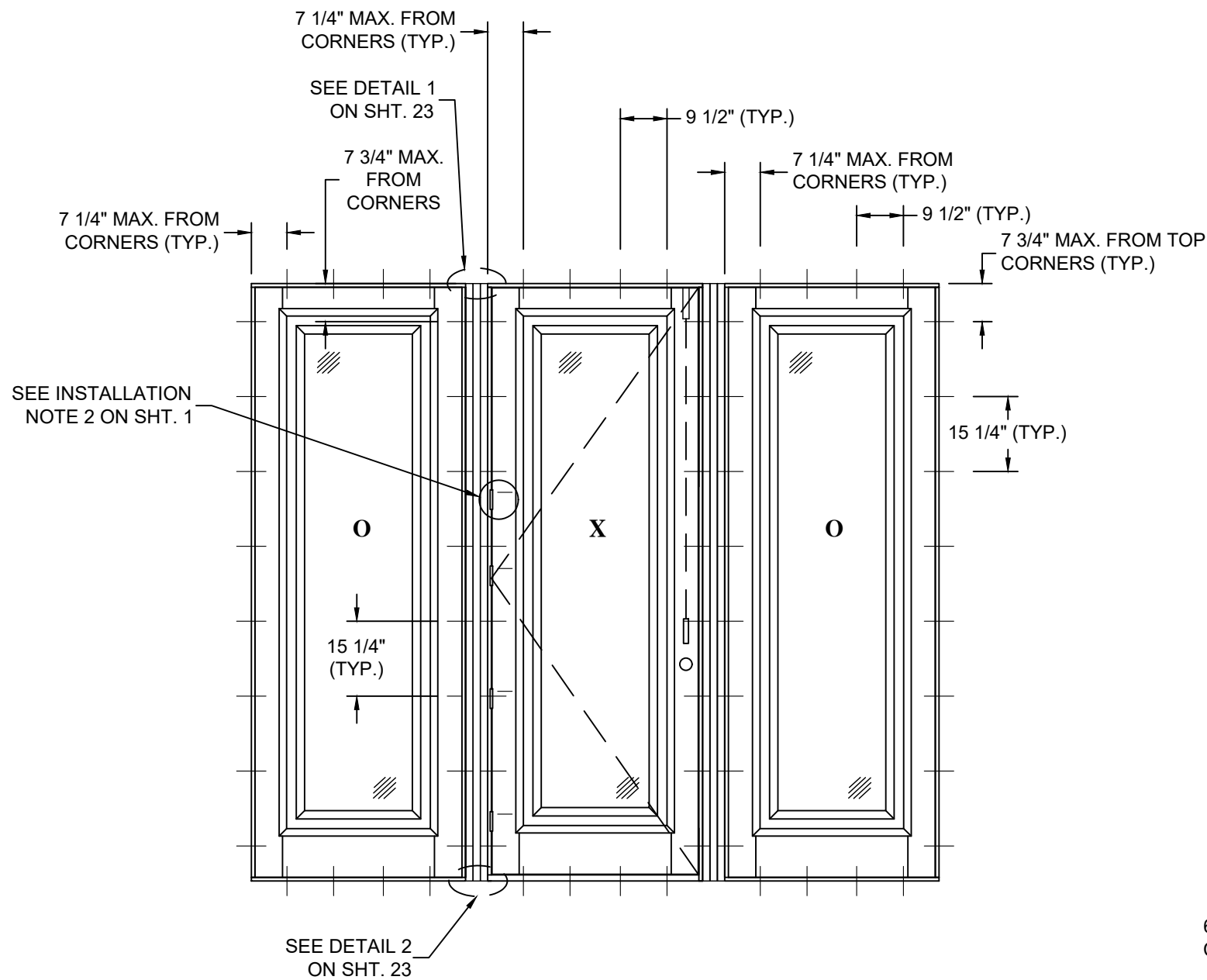
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
ELEVATIONS

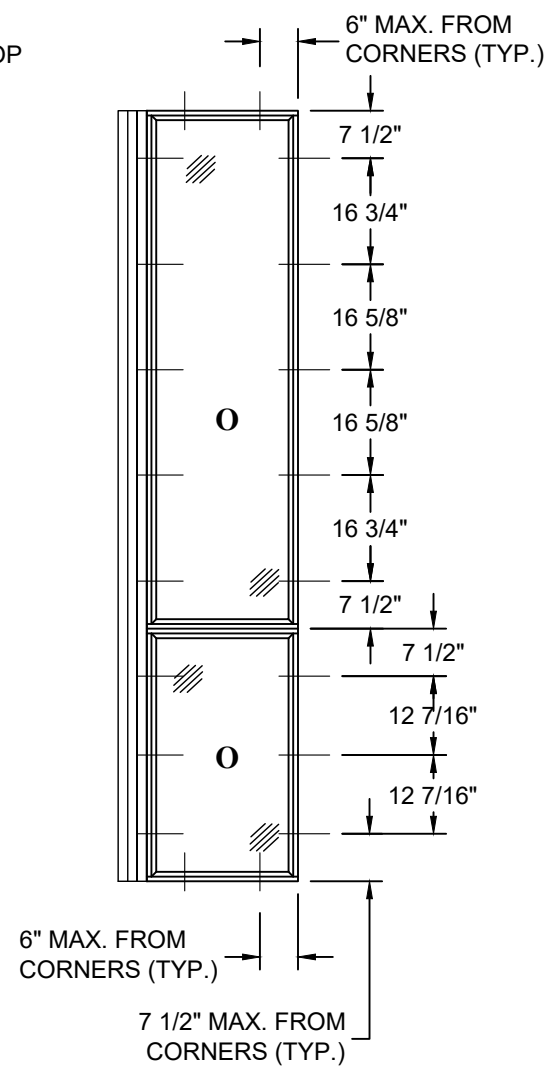
PREPARED BY:	DRAWN BY:	DATE:	DRAWING NO.:	SHEET:
	RJA	8/7/20	RW0058	9 OF 24
SCALE:	N.T.S.	REV:		
PTC PRODUCT DESIGN GROUP, LLC PO BOX 63077 LONGWOOD, FLORIDA 32762 FBPE C.A. NO. 25935	Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com			

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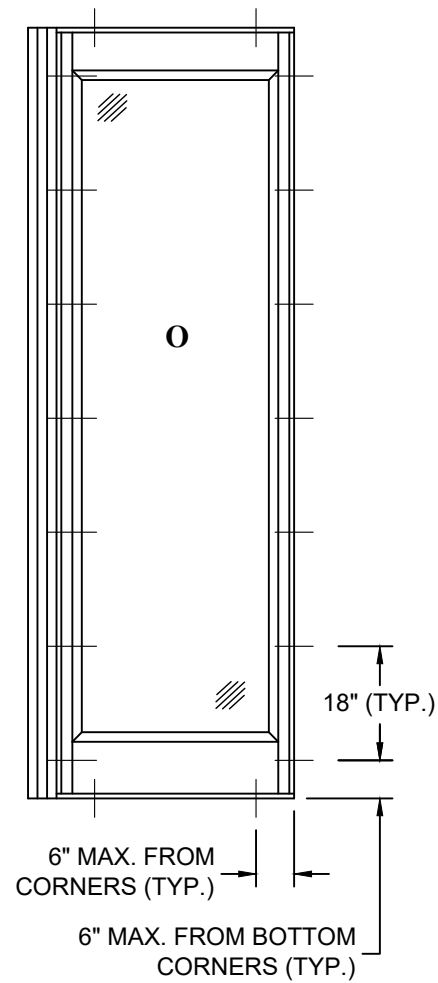




ANCHOR LAYOUT
SQUARE TOP INSWING / OUTSWING (OXO)
EXTERIOR VIEW



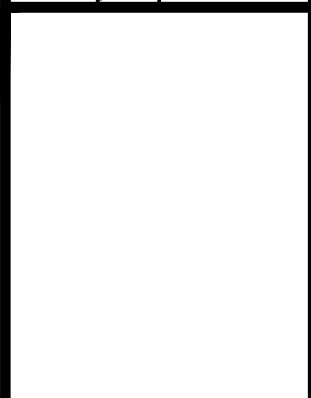
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OPTIONAL DIRECT SET SIDELITE
EXTERIOR VIEW



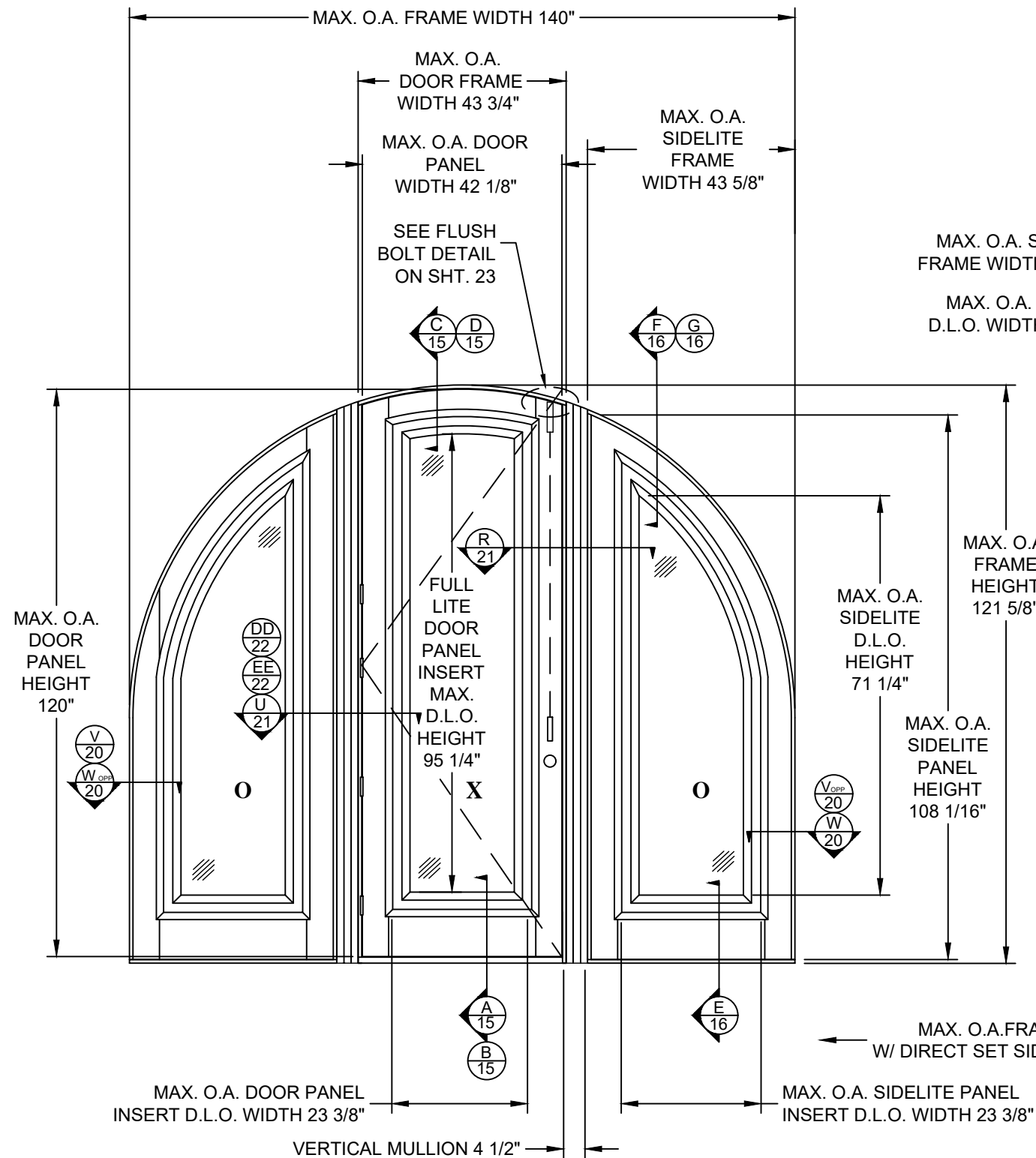
ANCHOR LAYOUT
OPTIONAL SASH SET SIDELITE
GLAZED OR OPAQUE (GLAZED SHOWN)
EXTERIOR VIEW

PROJECT #419-0909				
				BY
				DATE
				DESCRIPTION
			REV	

Real Woods Inc. 1230 N. East Ave Sarasota, FL 34237				
TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES ANCHOR LAYOUTS				
PREPARED BY:	DRAWN BY:	DATE:	DRAWING NO:	SHEET
	RJA	8/7/20	RW0058	10 OF 24
	SCALE:		N.T.S.	
	REV:			
PTC PRODUCT DESIGN GROUP, LLC PO BOX 63077 LONGWOOD, FLORIDA 32762 FBPE C.A. NO. 25935 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com				

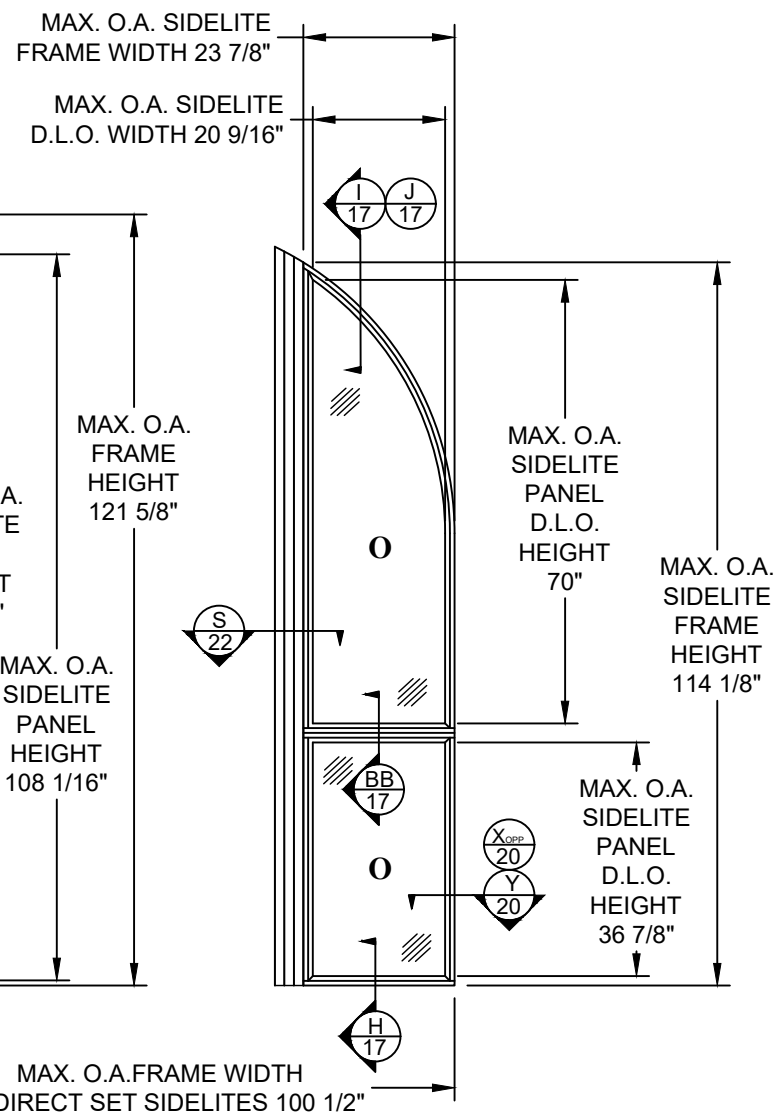


Robert J. Amoruso, P.E.
Florida P.E. No. 49752



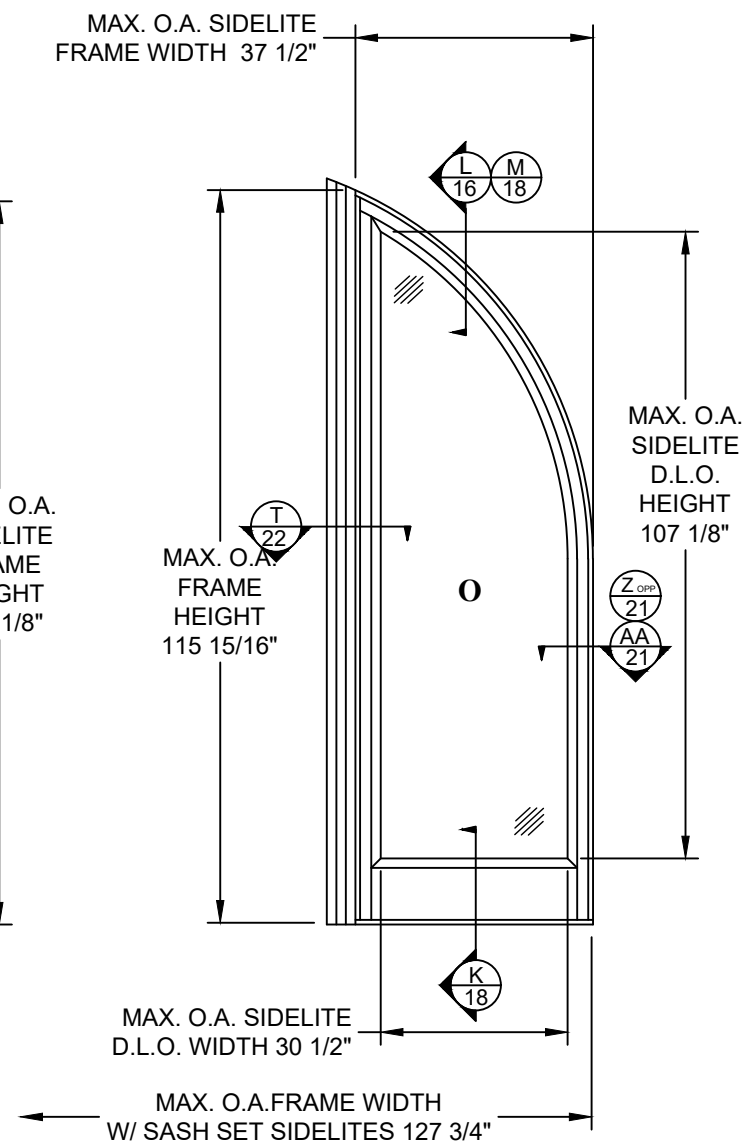
ELEVATION

OPTIONAL ROUND TOP INSWING / OUTSWING (OXO)
FULL LITE PANEL
EXTERIOR VIEW



ELEVATION

OPTIONAL RADIUS DIRECT SET SIDELITE
EXTERIOR VIEW



ELEVATION

OPTIONAL RADIUS SASH SET SIDELITE
GLAZED OR OPAQUE (GLAZED SHOWN)
EXTERIOR VIEW

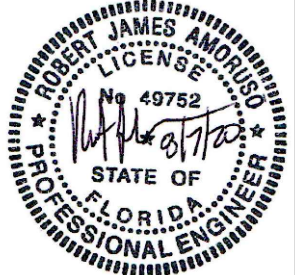
PROJECT #419-0909

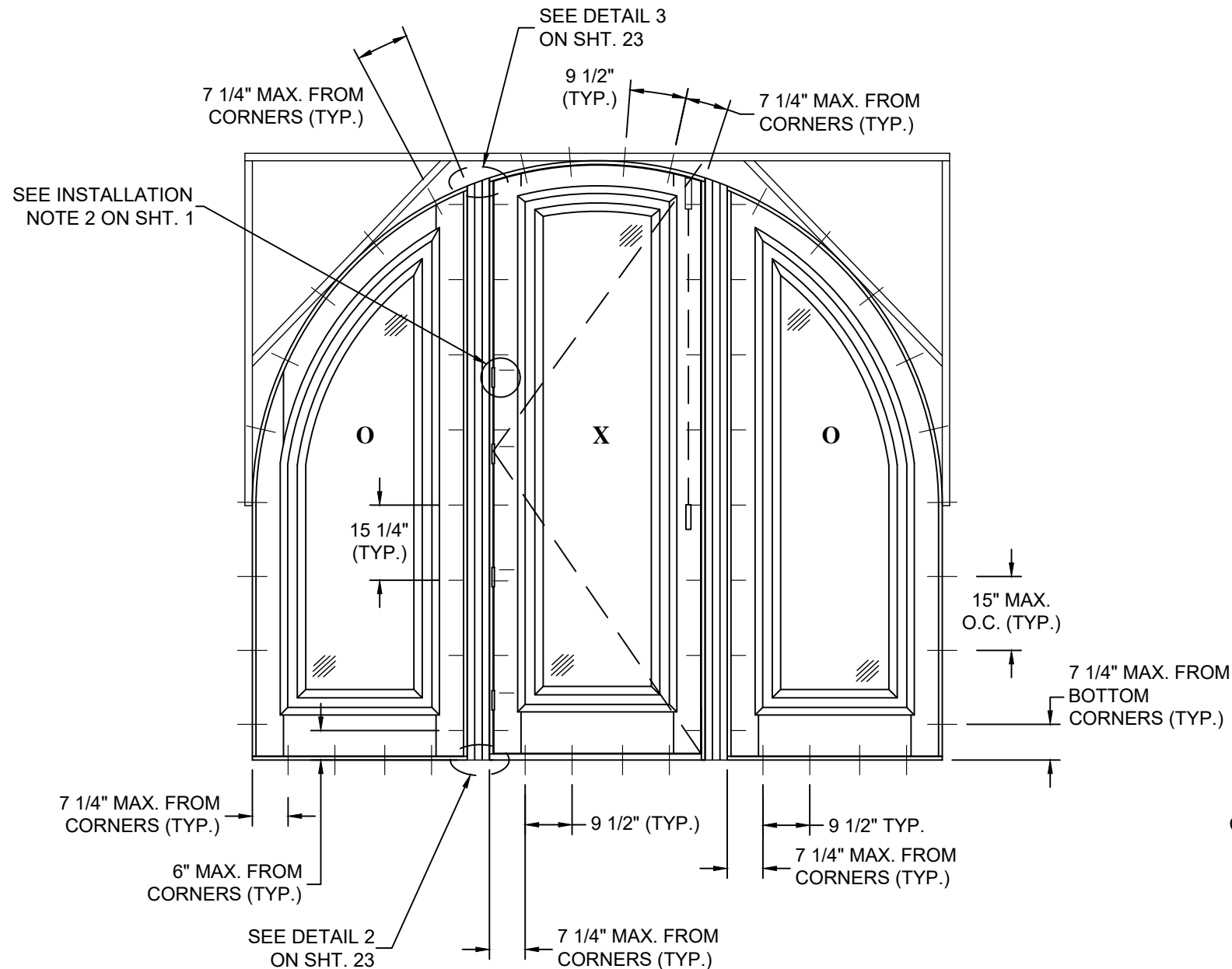
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
ELEVATIONS

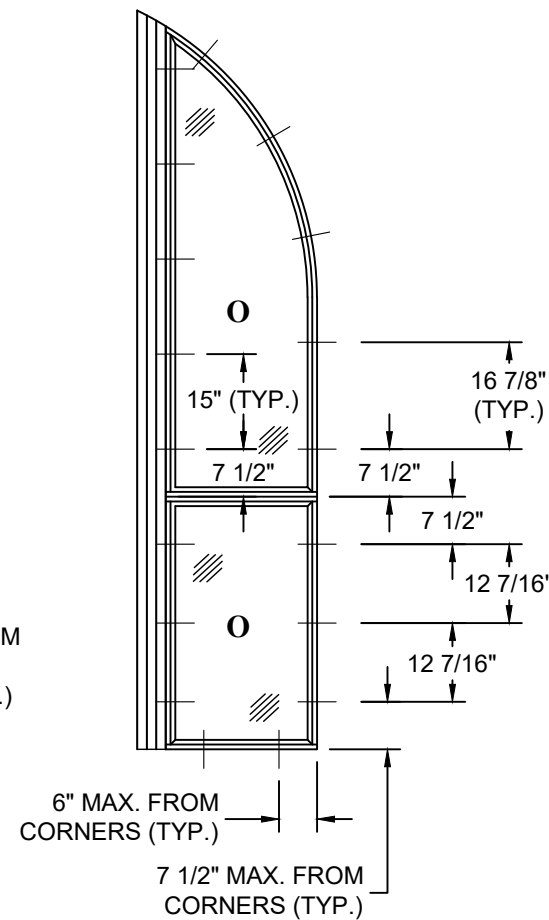
PREPARED BY: **FPE**
DRAWN BY: RJA
SCALE: N.T.S.
DATE: 8/7/20
DRAWING NO: RW0058
SHEET: 11 OF 24
REV: ---
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077
LONGWOOD, FLORIDA 32762
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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

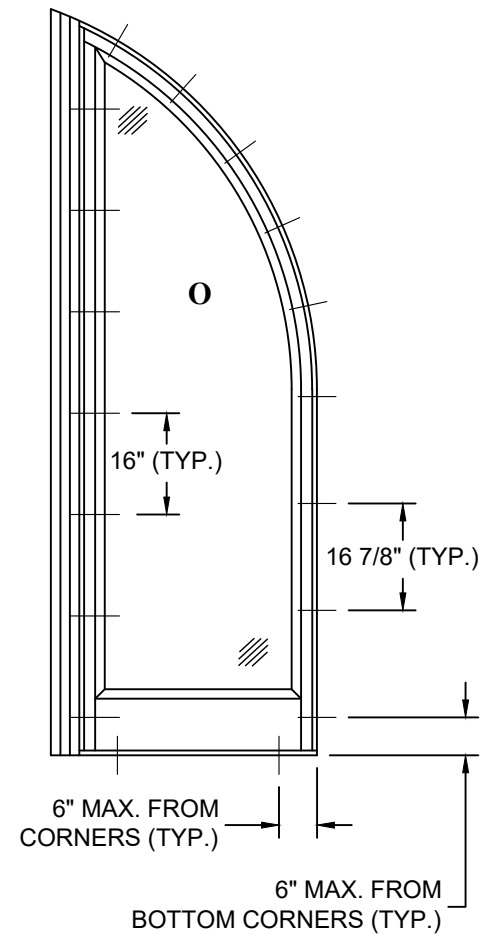




ANCHOR LAYOUT
 OPTIONAL RADIUS TOP INSWING / OUTSWING (OXO)
 EXTERIOR VIEW



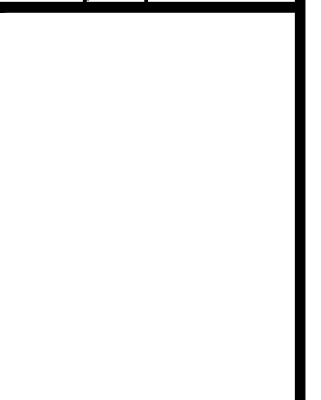
ANCHOR LAYOUT
 OPTIONAL RADIUS DIRECT SET SIDELITE
 EXTERIOR VIEW



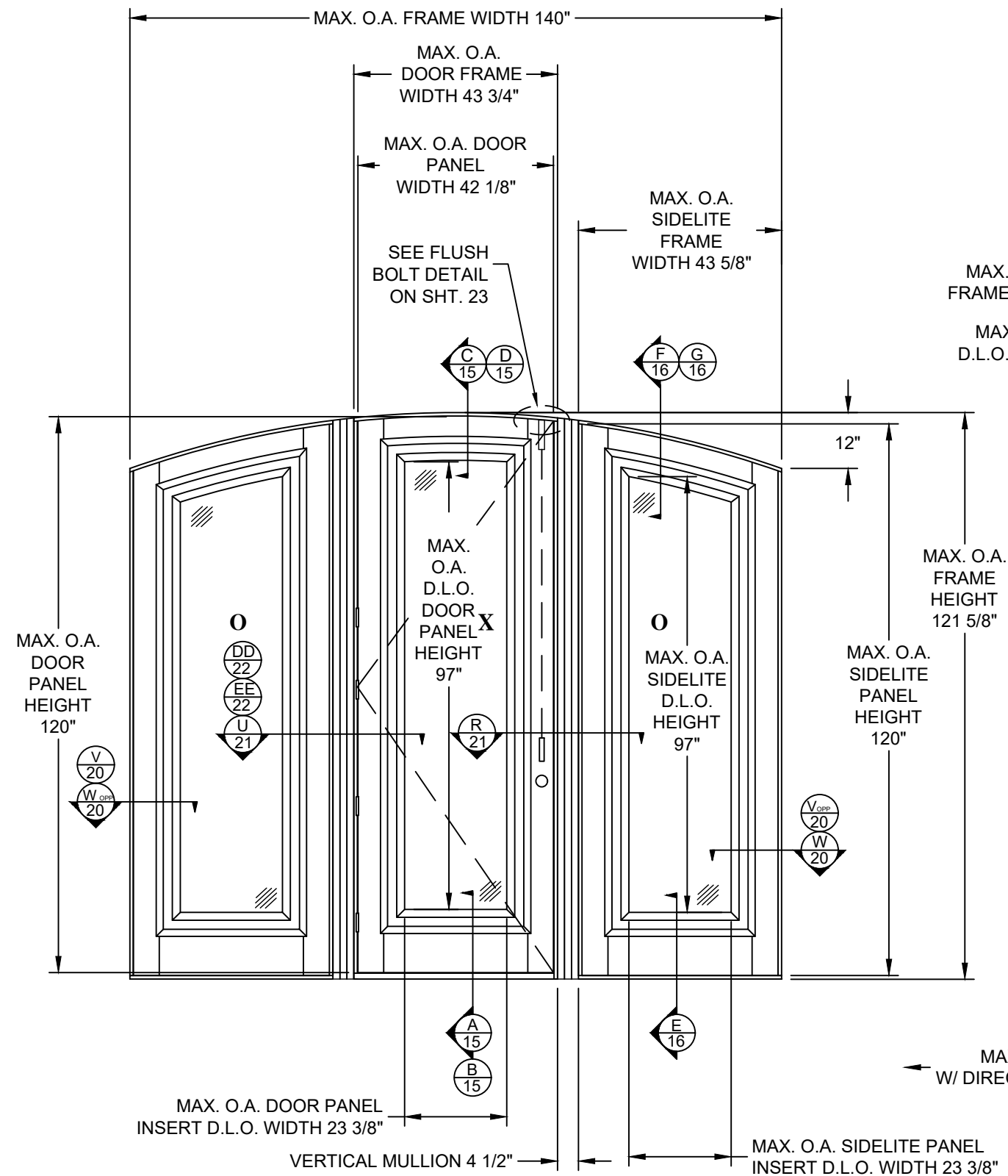
ANCHOR LAYOUT
 OPTIONAL RADIUS SASH SET SIDELITE
 GLAZED OR OPAQUE (GLAZED SHOWN)
 EXTERIOR VIEW

PROJECT #419-0909				
				BY
				DATE
				REV
				DESCRIPTION

Real Woods Inc. 1230 N. East Ave Sarasota, FL 34237				
TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES ANCHOR LAYOUTS				
DRAWN BY:	RJA	DATE:	8/7/20	
SCALE:	N.T.S.	DRAWING NO.:	RW0058	
REV:	---	SHEET:	12 OF 24	
PTC PRODUCT DESIGN GROUP, LLC PO BOX 63077 LONGWOOD, FLORIDA 32762 FBPE C.A. NO. 25935 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com				

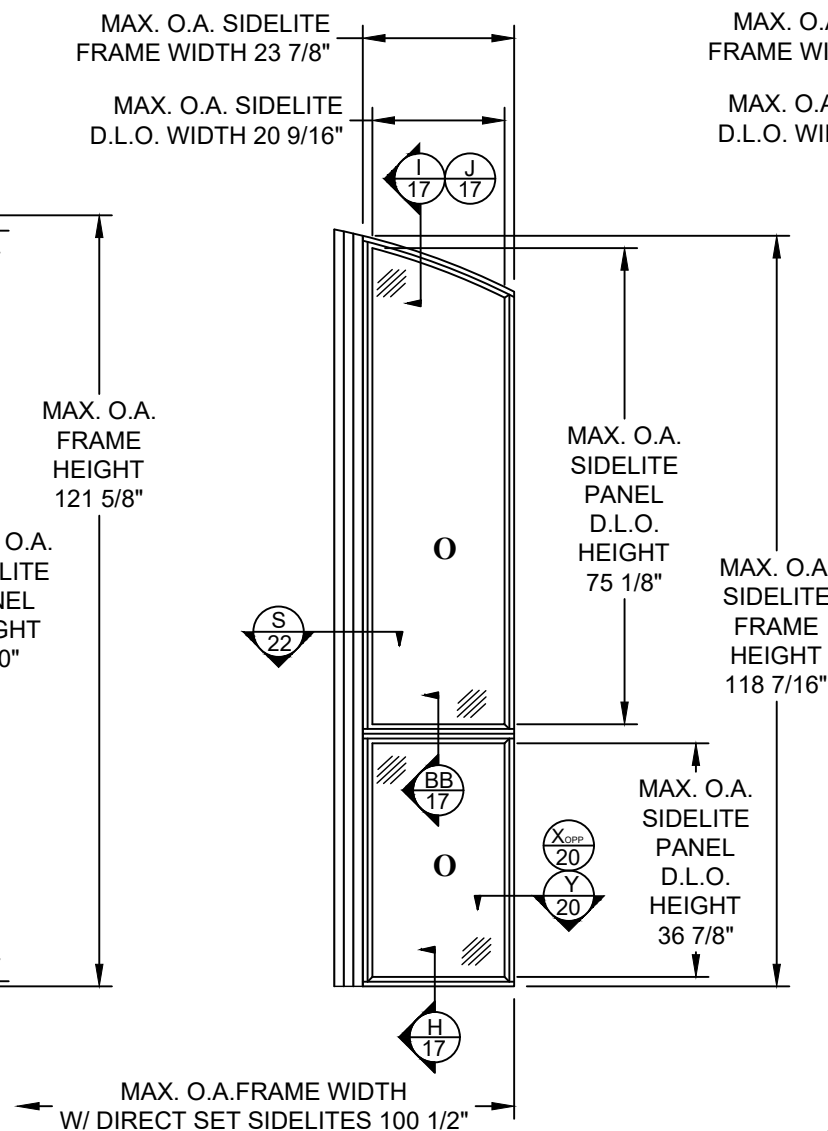


Robert J. Amoruso, P.E.
 Florida P.E. No. 49752



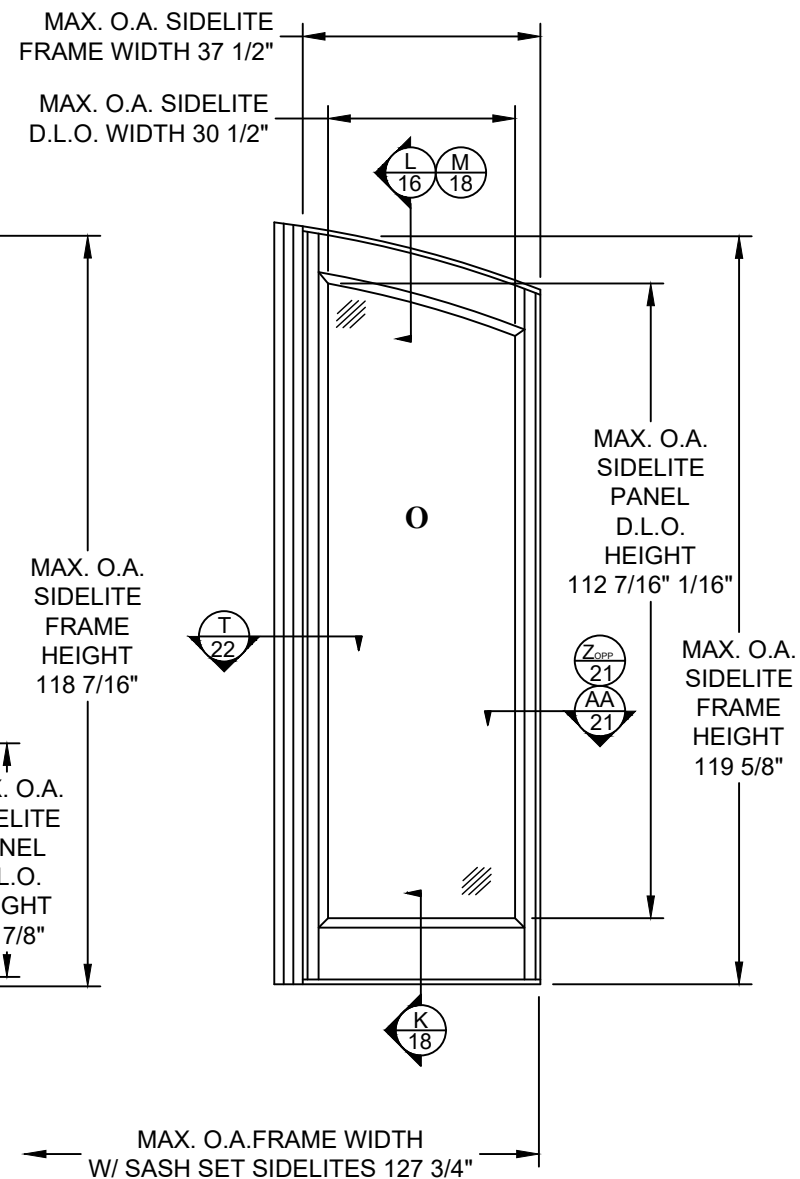
ELEVATION

OPTIONAL EYEBROW INSWING / OUTSWING (OXO)
FULL LITE PANEL INSERT DOOR PANEL W / SIDELITES
EXTERIOR VIEW



ELEVATION

OPTIONAL EYEBROW DIRECT SET SIDELITE
EXTERIOR VIEW



ELEVATION

OPTIONAL EYEBROW SASH SET SIDELITE
GLAZED OR OPAQUE (GLAZED SHOWN)
EXTERIOR VIEW

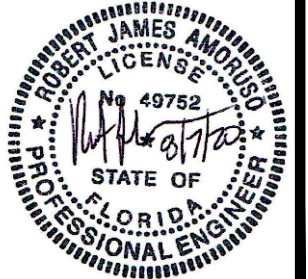
PROJECT #419-0909

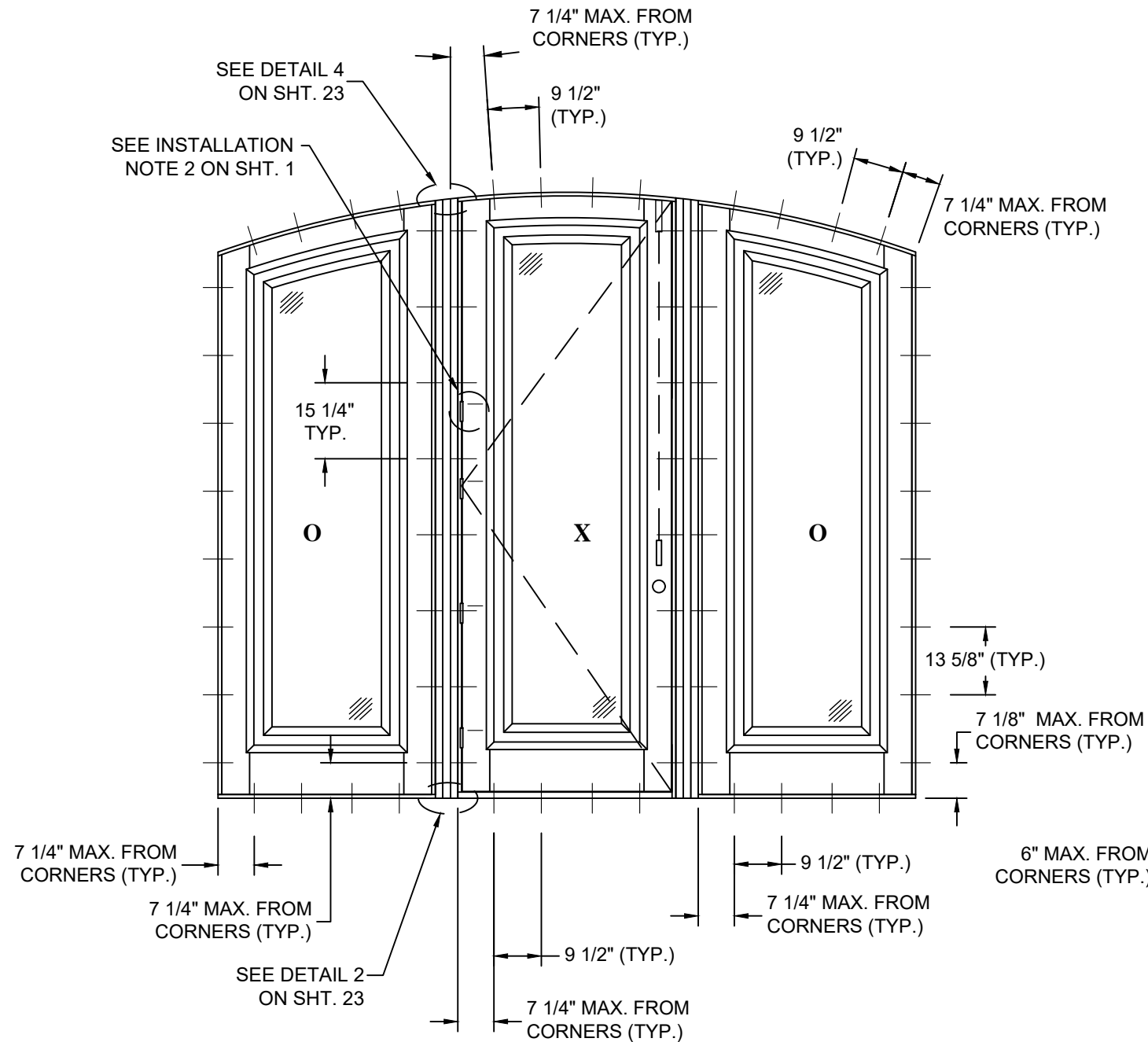
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
ELEVATIONS

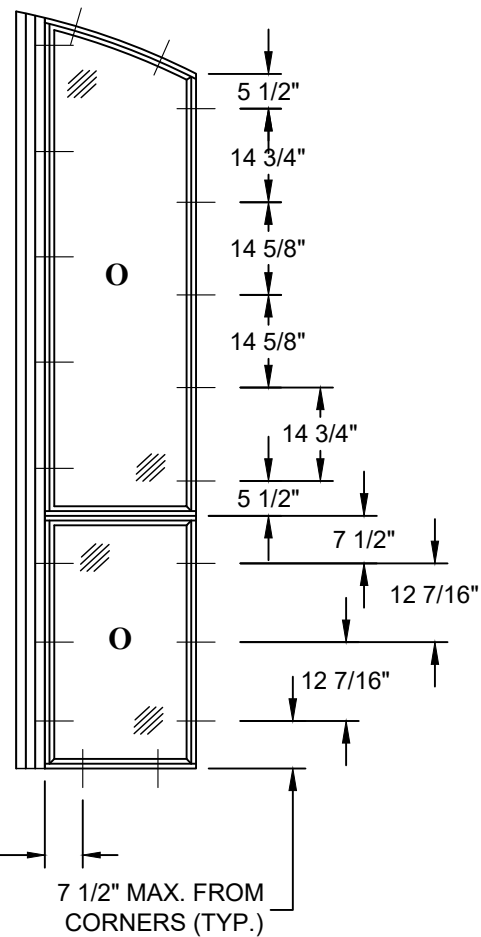
PREPARED BY: RJA
DRAWN BY: RJA
DATE: 8/7/20
SCALE: N.T.S.
DRAWING NO: RW0058
REV: ---
SHEET: 13 OF 24

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

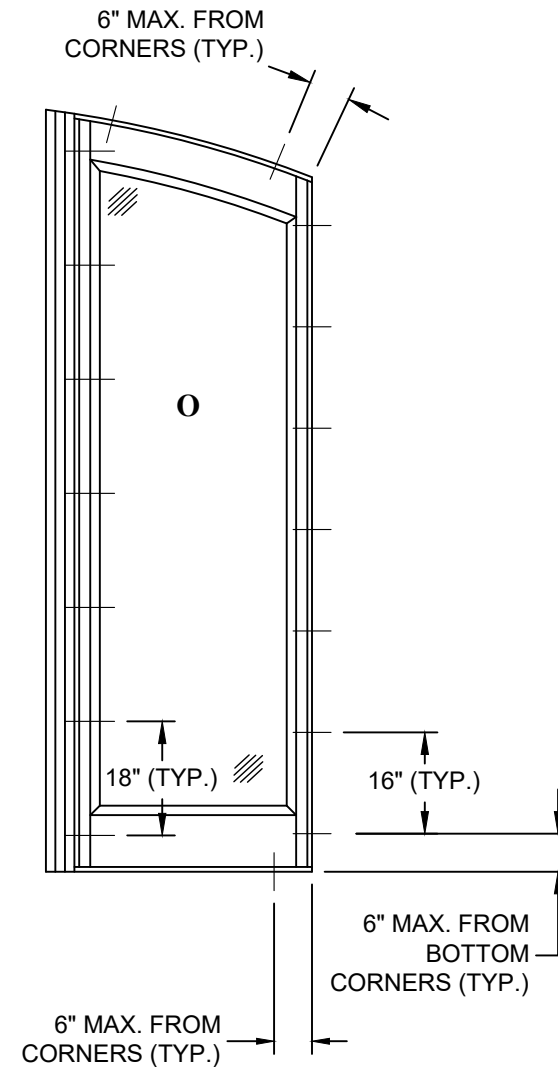




ANCHOR LAYOUT
OPTIONAL EYEBROW TOP INSWING / OUTSWING (OXO)
EXTERIOR VIEW



ANCHOR LAYOUT
OPTIONAL EYEBROW DIRECT SET SIDELITE
EXTERIOR VIEW



ANCHOR LAYOUT
OPTIONAL EYEBROW SASH SET SIDELITE
GLAZED OR OPAQUE (GLAZED SHOWN)
EXTERIOR VIEW

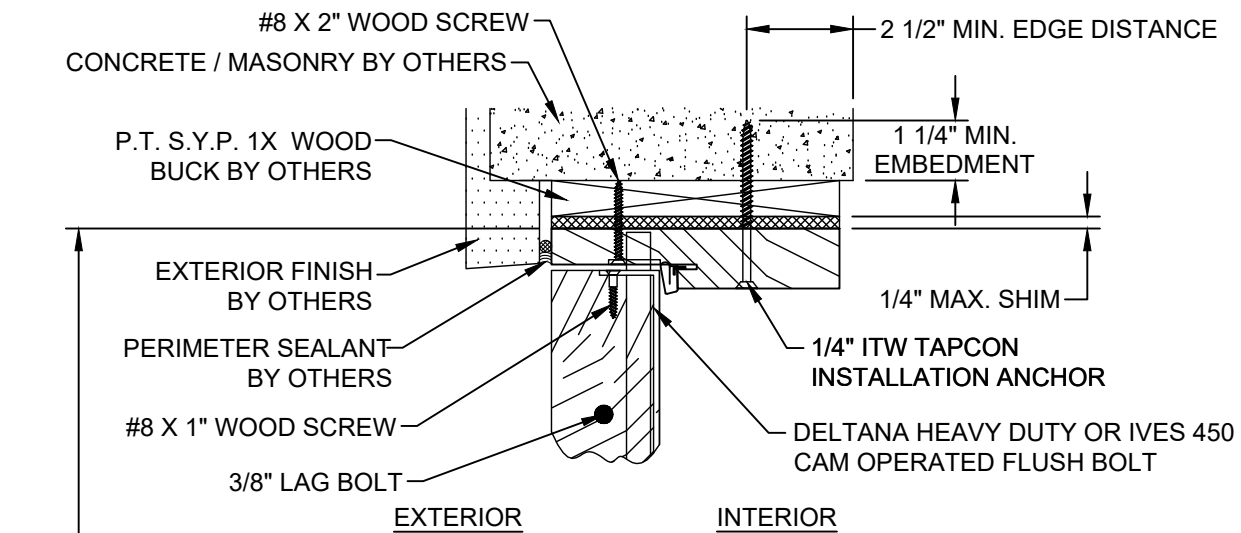
PROJECT #419-0909				BY
				DATE
				DESCRIPTION
				REV

Real Woods Inc. 1230 N. East Ave Sarasota, FL 34237	TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES ANCHOR LAYOUTS	DRAWN BY:	DATE:	DRAWING NO.:	SHEET:
		RJA	8/7/20	RW0058	14 OF 24
		SCALE:			
		N.T.S.			
PREPARED BY:		REV:			

PTC PRODUCT DESIGN GROUP, LLC
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Fax: 321.690.1789
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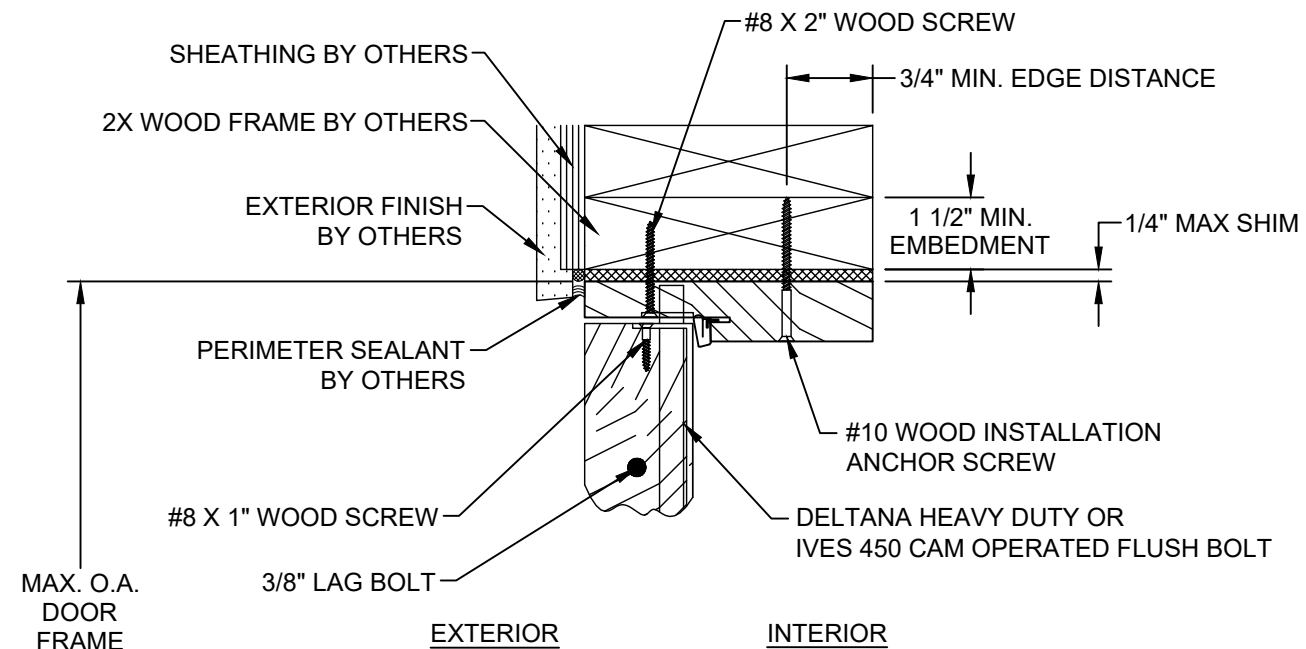
Robert J. Amoruso, P.E.
Florida P.E. No. 49752

PROFESSIONAL ENGINEER
STATE OF FLORIDA
No. 49752
Robert J. Amoruso



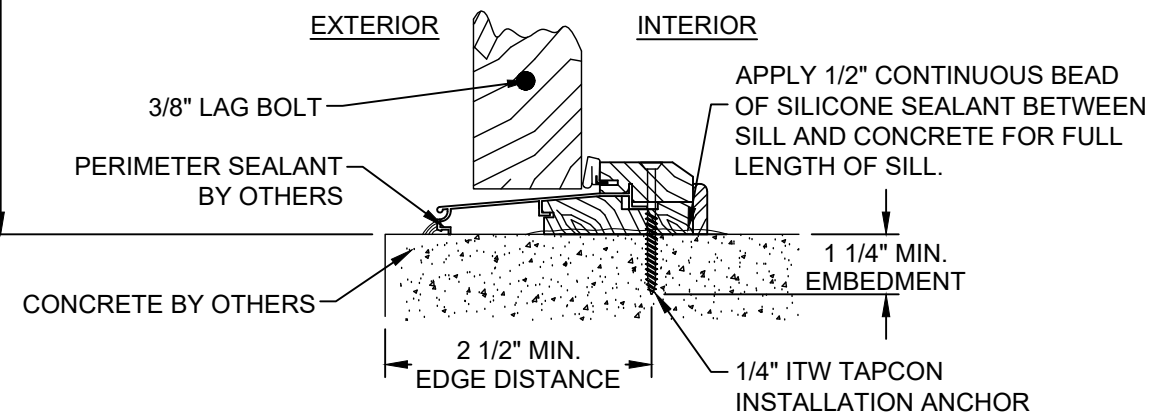
C VERTICAL SECTION
GLAZED DOOR PANEL AT HEAD
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 1, 2 & 3 FOR
APPROPRIATE DOOR PANELS)

MAX. O.A.
DOOR
FRAME
HEIGHT



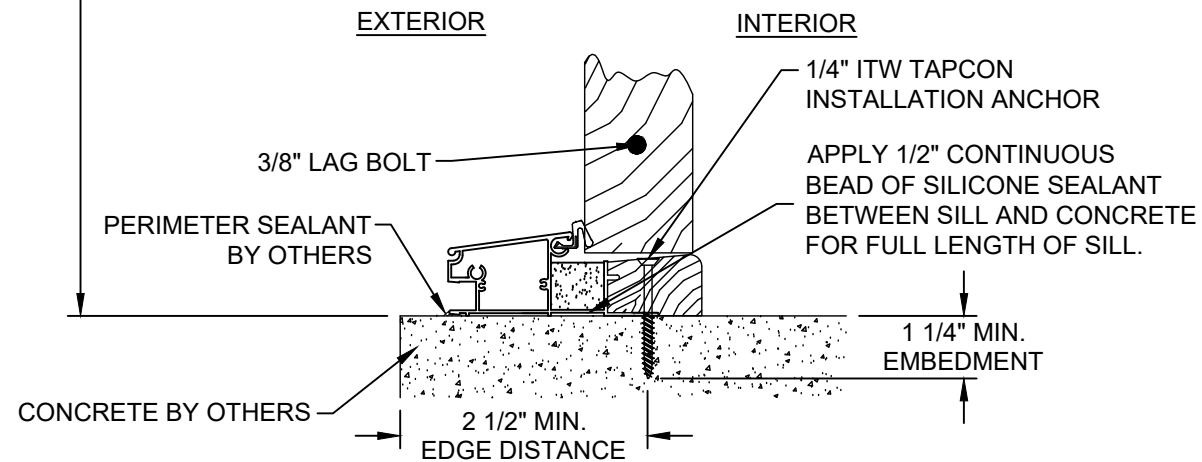
D VERTICAL SECTION
GLAZED DOOR PANEL AT HEAD
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 1, 2 & 3 FOR
APPROPRIATE DOOR PANELS)

MAX. O.A.
DOOR
FRAME
HEIGHT



(OPTIONAL ADA THRESHOLD)
W/ 36" X 96" PANEL @ ±50.0 PSF D.P.

A VERTICAL SECTION
GLAZED DOOR PANEL AT SILL
CONCRETE / MASONRY SUBSTRATE
OUTSWING
(SEE SHEET 3 SECTIONS 1, 2 & 3 FOR
APPROPRIATE DOOR PANELS)



(OPTIONAL ADA THRESHOLD)
W/ 36" X 96" PANEL @ ±50.0 PSF D.P.

B VERTICAL SECTION
GLAZED DOOR PANEL AT SILL
CONCRETE / MASONRY SUBSTRATE
INSWING
(SEE SHEET 3 SECTIONS 1, 2 & 3 FOR
APPROPRIATE DOOR PANELS)

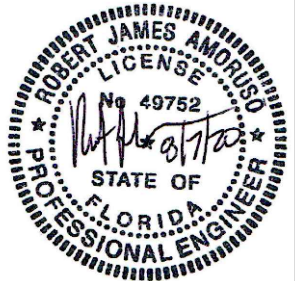
PROJECT #419-0909

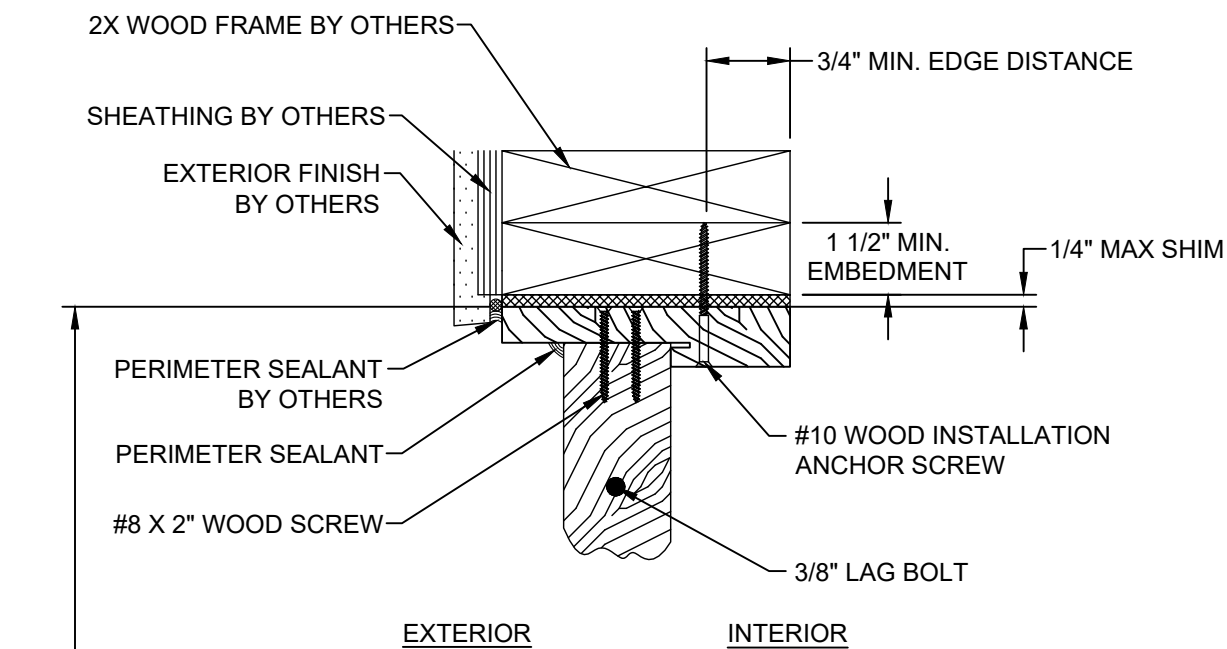
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
VERTICAL SECTIONS

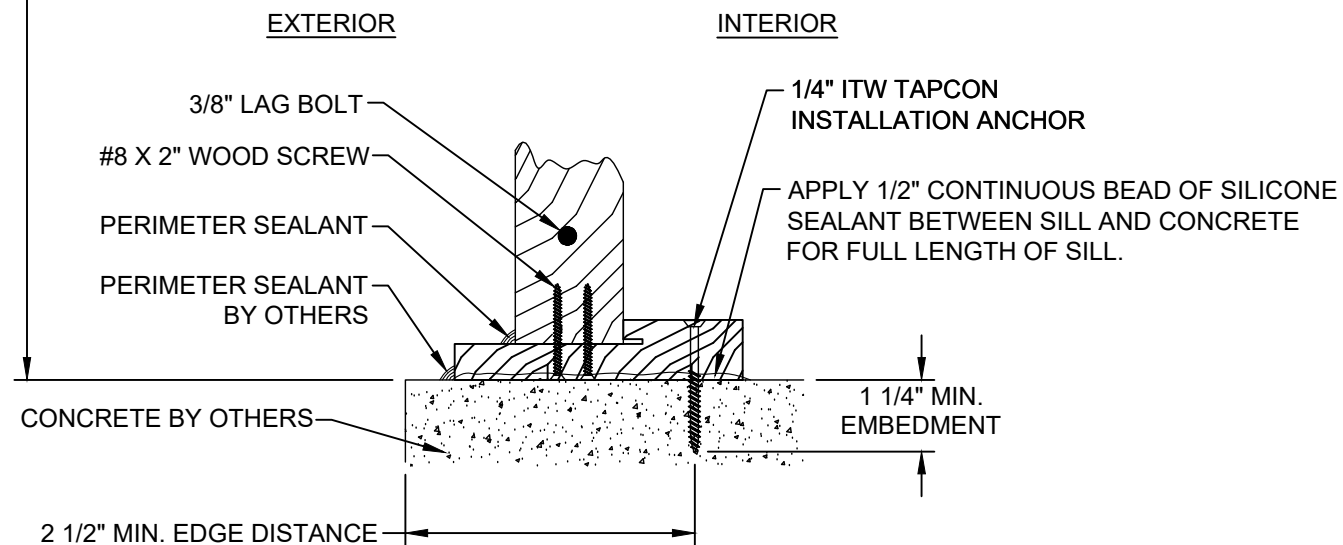
PREPARED BY: RJA
DRAWN BY: RJA
SCALE: N.T.S.
REV: ---
DATE: 8/7/20
DRAWING NO: RW0058
SHEET: 15 OF 24

Robert J. Amoroso, P.E.
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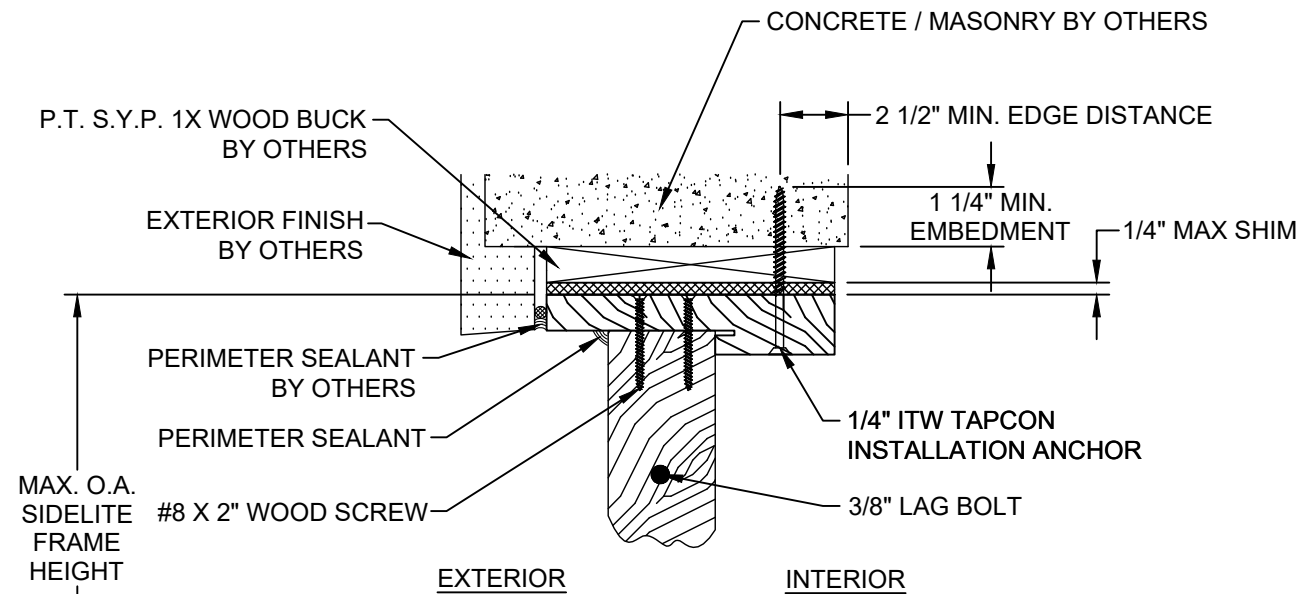




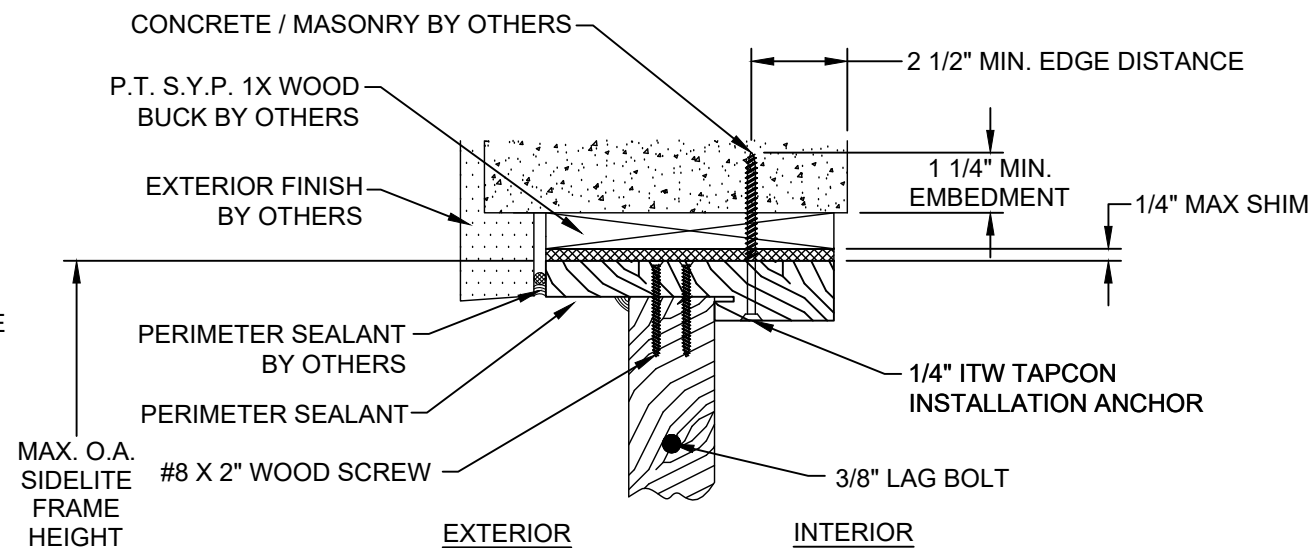
G **VERTICAL SECTION**
GLAZED SIDELITE PANEL AT HEAD
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 1, 2 & 3 FOR
APPROPRIATE SIDELITE PANELS)



E **VERTICAL SECTION**
GLAZED SIDELITE PANEL AT SILL
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 1, 2 & 3 FOR
APPROPRIATE SIDELITE PANELS)



F **VERTICAL SECTION**
GLAZED SIDELITE PANEL AT HEAD
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 1, 2 & 3 FOR
APPROPRIATE SIDELITE PANELS)



L **VERTICAL SECTION**
GLAZED SASH SET SIDELITE PANEL AT SILL
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTION 4 & 11 FOR
APPROPRIATE SIDELITE PANELS)

PROJECT #419-0909

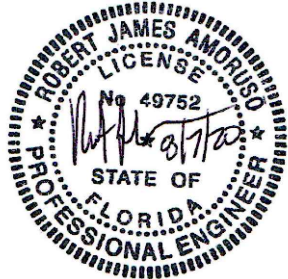
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

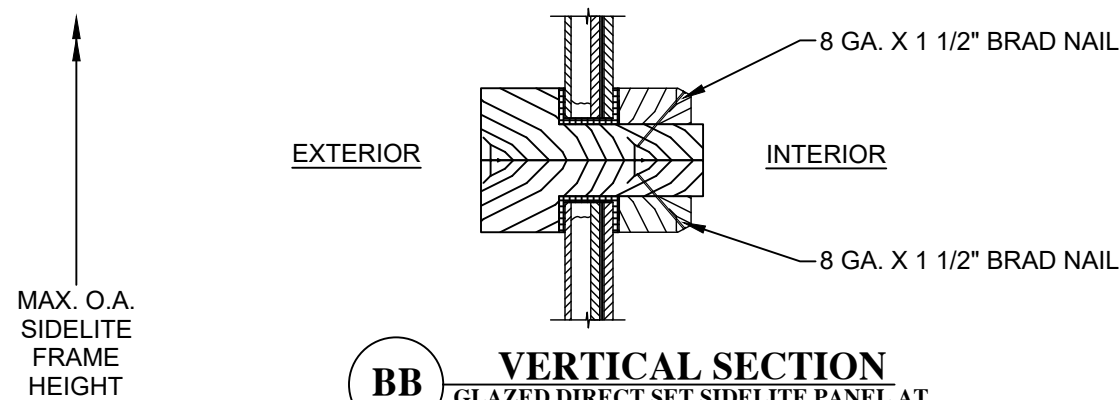
TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
VERTICAL SECTIONS

DATE: 8/7/20
DRAWING NO: RW0058
SHEET: 16 OF 24
DRAWN BY: RJA
SCALE: N.T.S.
REV: ---

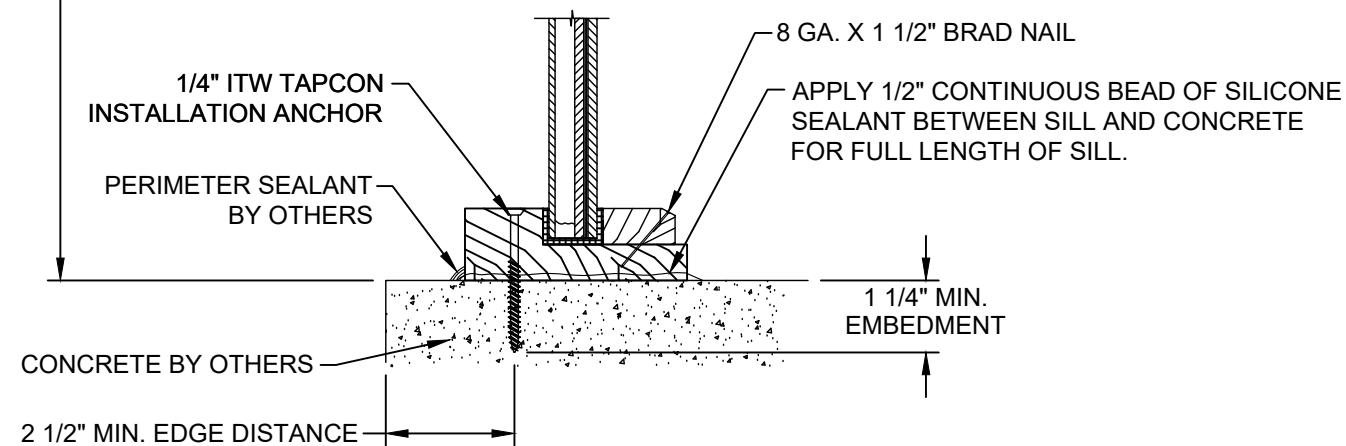
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077
LONGWOOD, FLORIDA 32762
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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

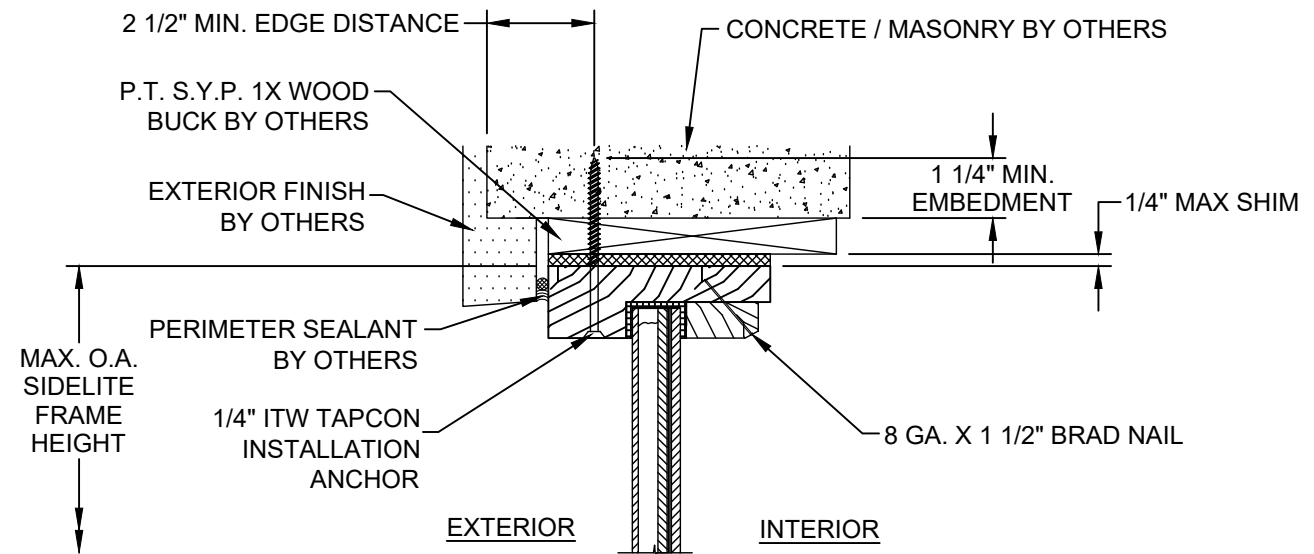




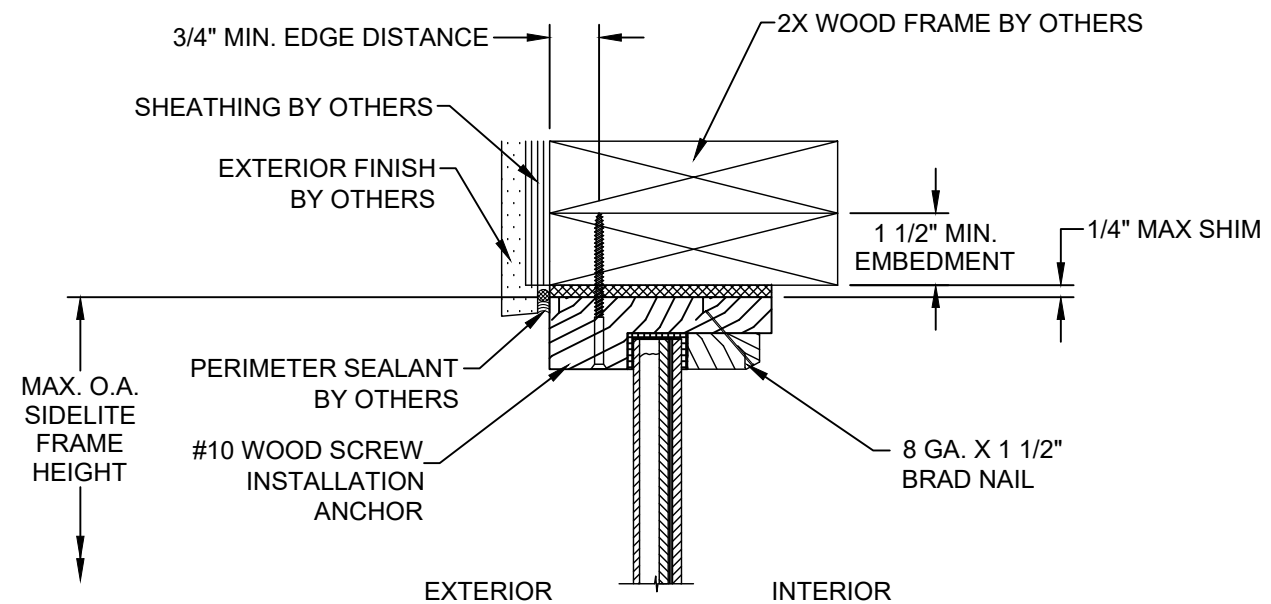
BB **VERTICAL SECTION**
GLAZED DIRECT SET SIDELITE PANEL AT
INTERMEDIATE RAIL
OUTSWING SHOWN / INSWING OPPOSITE



H **VERTICAL SECTION**
GLAZED DIRECT SET SIDELITE PANEL AT SILL
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTION 5 FOR
APPROPRIATE SIDELITE PANEL)



I **VERTICAL SECTION**
GLAZED DIRECT SET SIDELITE AT HEAD
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTION 5 FOR
APPROPRIATE SIDELITE PANEL)



J **VERTICAL SECTION**
GLAZED DIRECT SET SIDELITE PANEL AT HEAD
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTION 5 FOR
APPROPRIATE SIDELITE PANEL)

PROJECT #419-0909

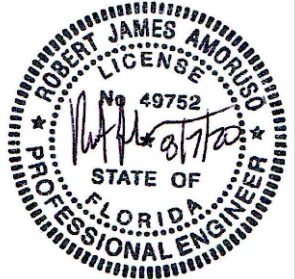
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

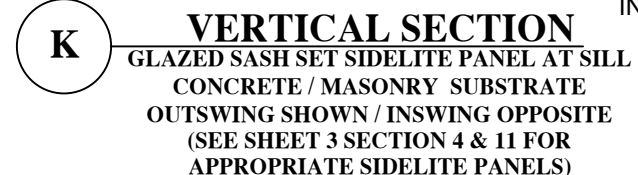
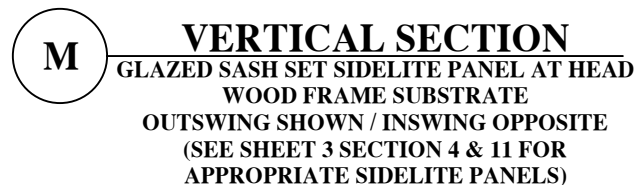
TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
VERTICAL SECTIONS

DATE:	8/7/20
DRAWING NO.:	RW0058
SHEET:	17 OF 24
DRAWN BY:	RJA
SCALE:	N.T.S.
REV:	---

PTC PRODUCT DESIGN GROUP, LLC
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Fax: 321.690.1789
Email: info@ptc-corp.com

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





PROJECT #419-0909				
REV	DESCRIPTION	DATE	BY	

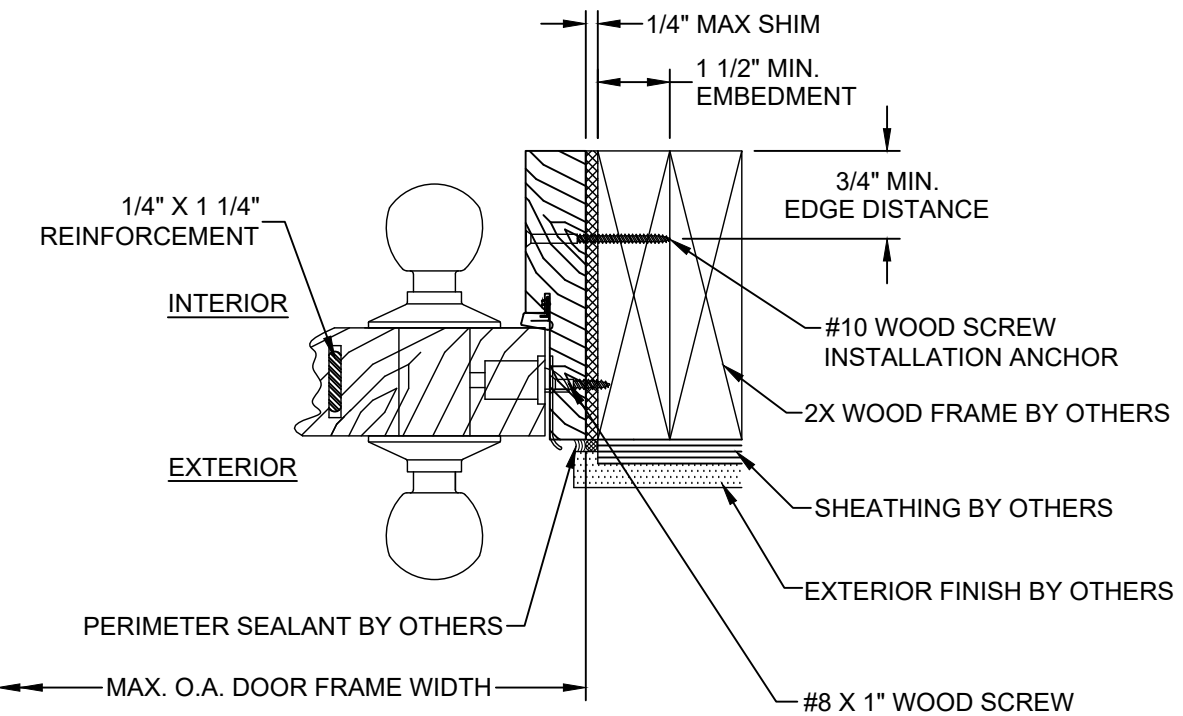
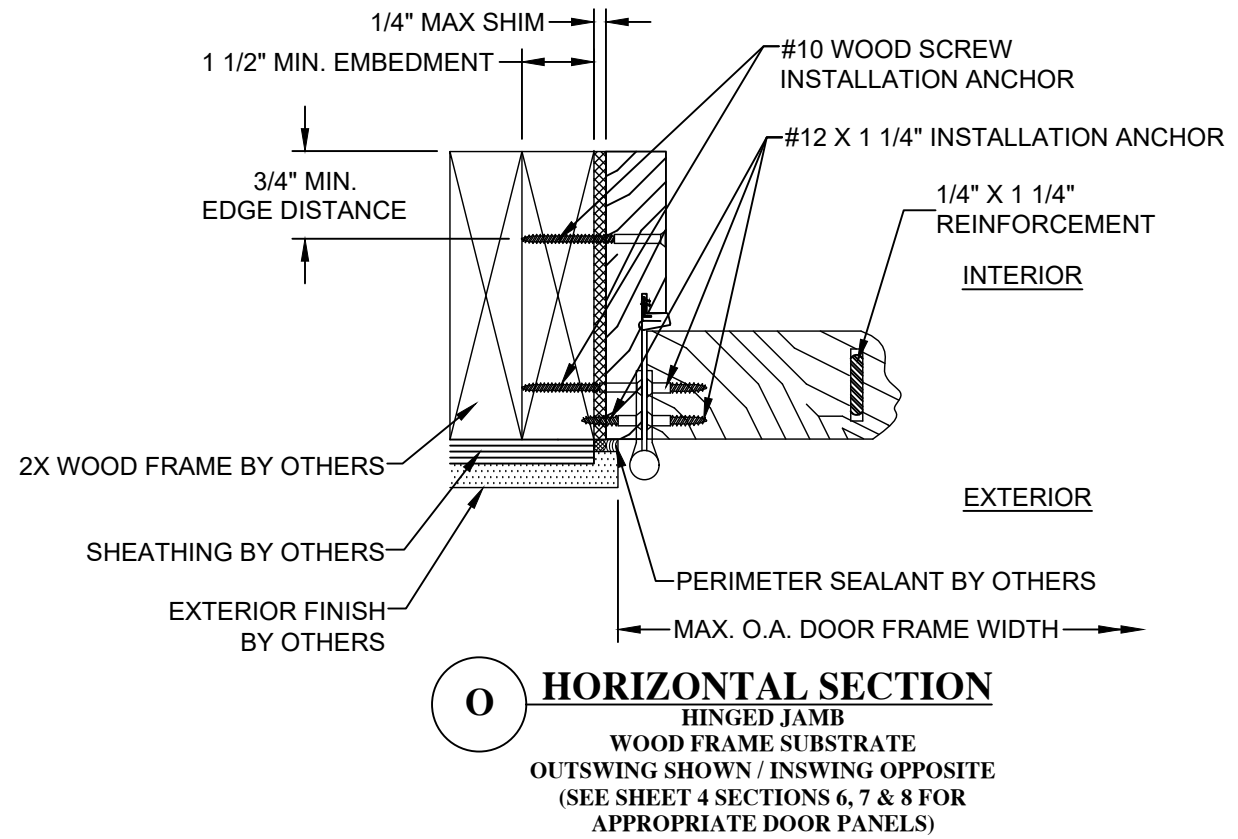
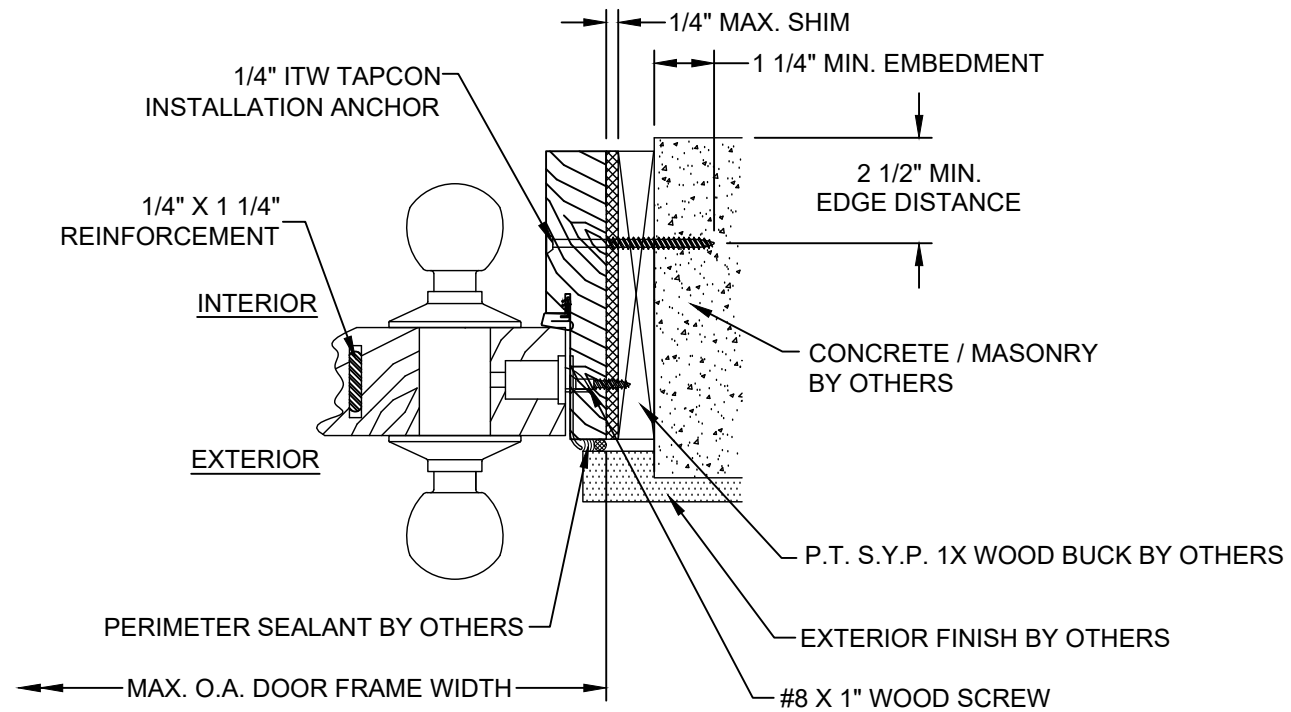
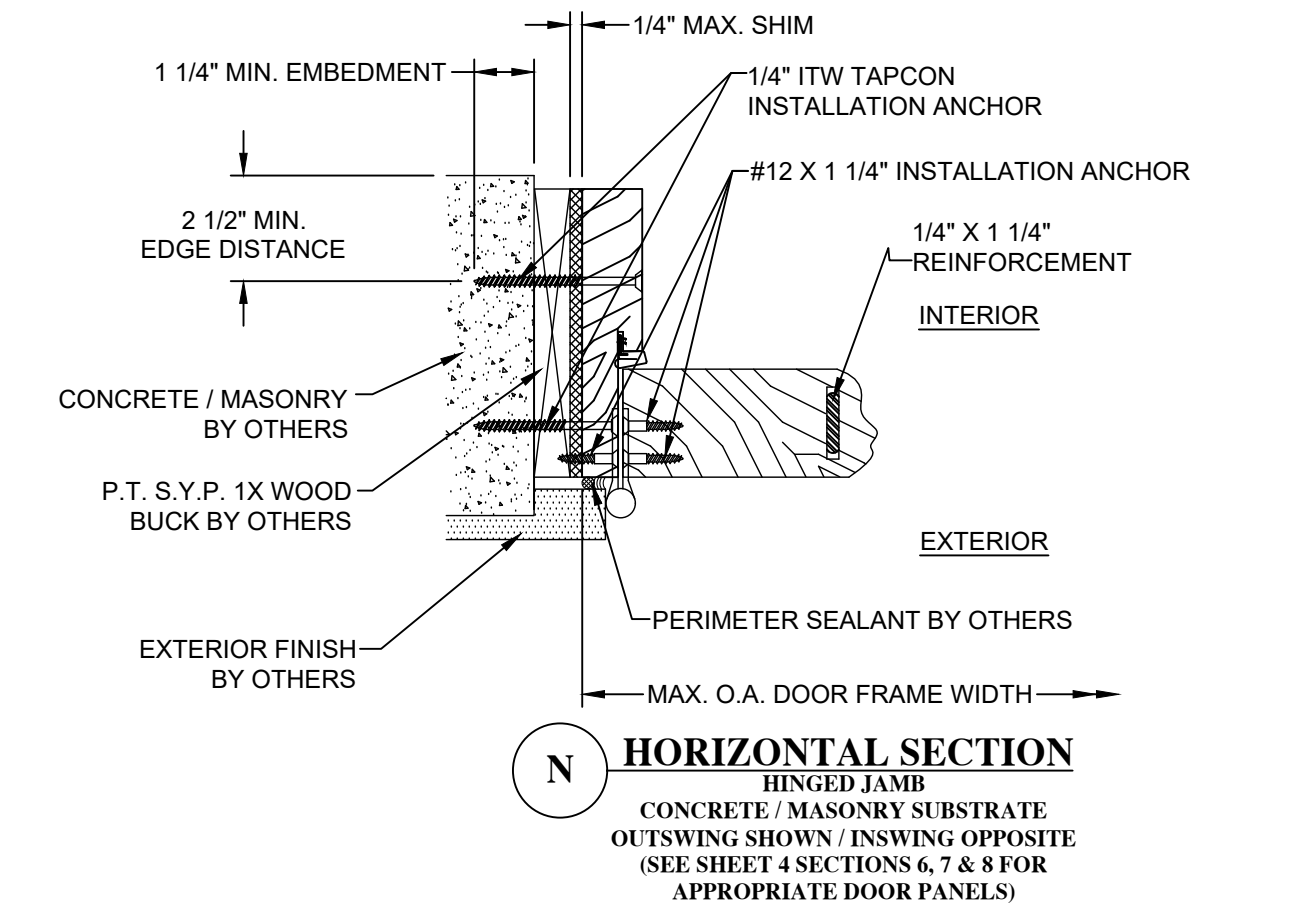
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/4" I.S. / O.S. GL./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
VERTICAL SECTIONS & GLAZING DETAILS

PREPARED BY:  PDC PRODUCT DESIGN GROUP, LLC PO BOX 520775 LONGWOOD, FLORIDA 32752 FBPE C.A. NO. 253835	DRAWN BY: RJA		DATE: 8/7/20
	SCALE: N.T.S.		DRAWING NO: RW0058
	REV:	SHEET:	18 OF 24
	Phone: 321.690.1788 Fax: 321.690.1789 Email: info@pdc-corp.com		

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





PROJECT #419-0909

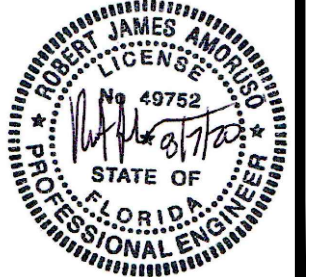
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

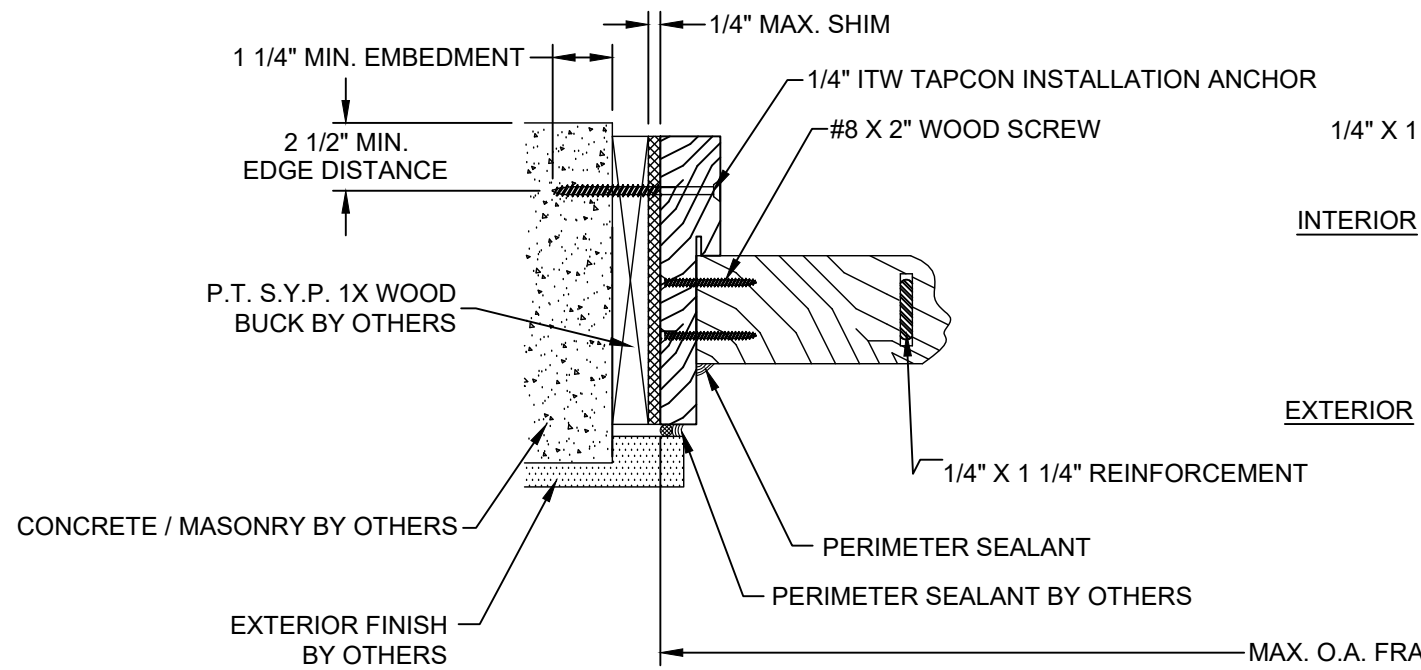
TITLE: 2 1/4" I.S. / O.S. GLA/OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
HORIZONTAL SECTIONS

DATE: 8/7/20
DRAWING NO: RW0058
SHEET: 19 OF 24
DRAWN BY: RJA
SCALE: N.T.S.
REV: ---

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077
LONGWOOD, FLORIDA 32762
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

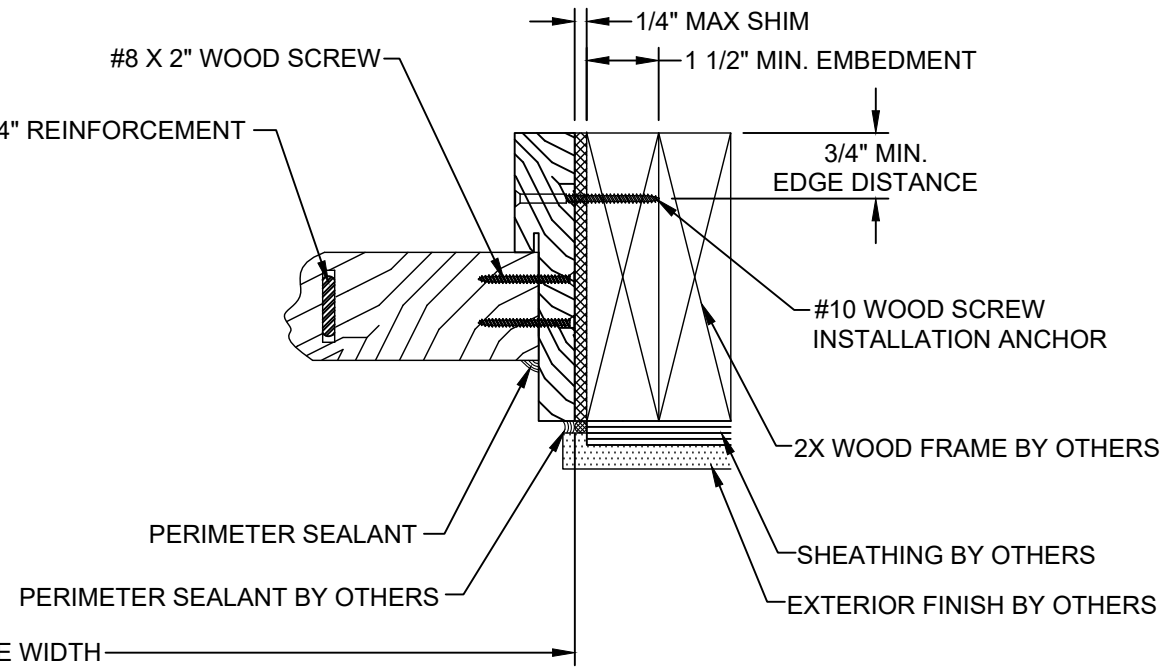
Robert J. Amoruso, P.E.
Florida P.E. No. 49752





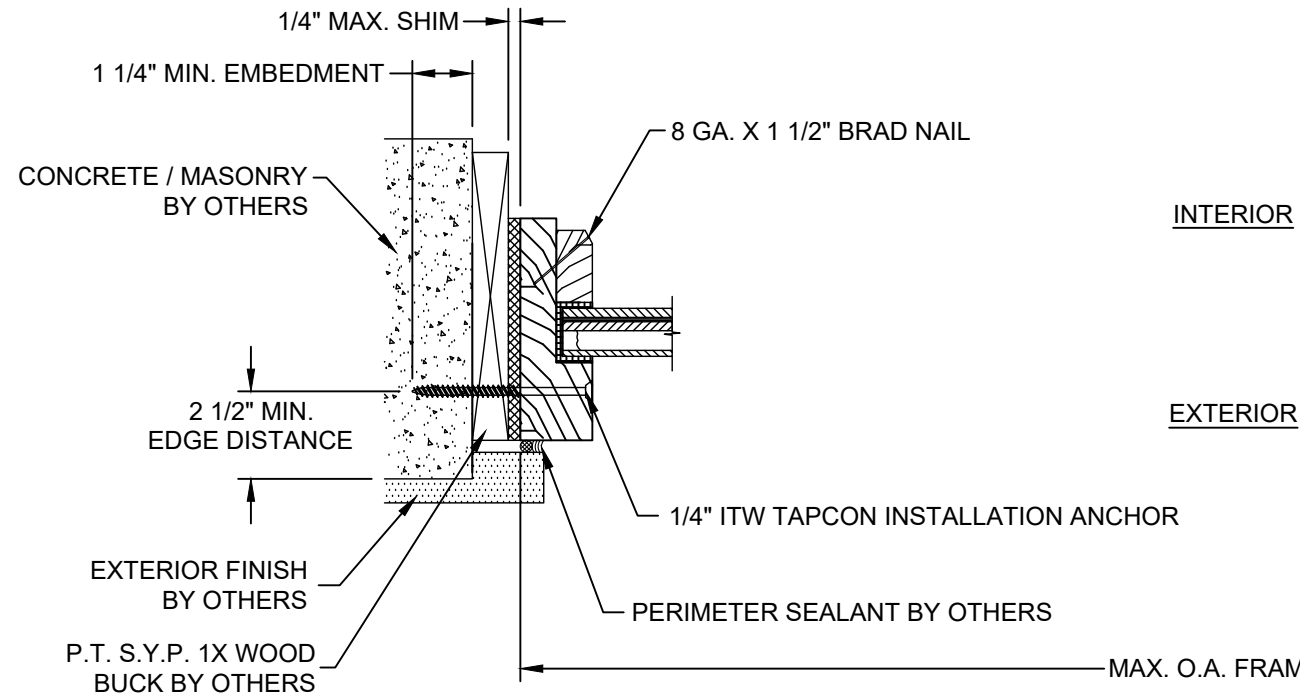
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HORIZONTAL SECTION
GLAZED SIDELITE PANEL AT JAMB
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 6, 7 & 8 FOR
APPROPRIATE SIDELITE PANELS)



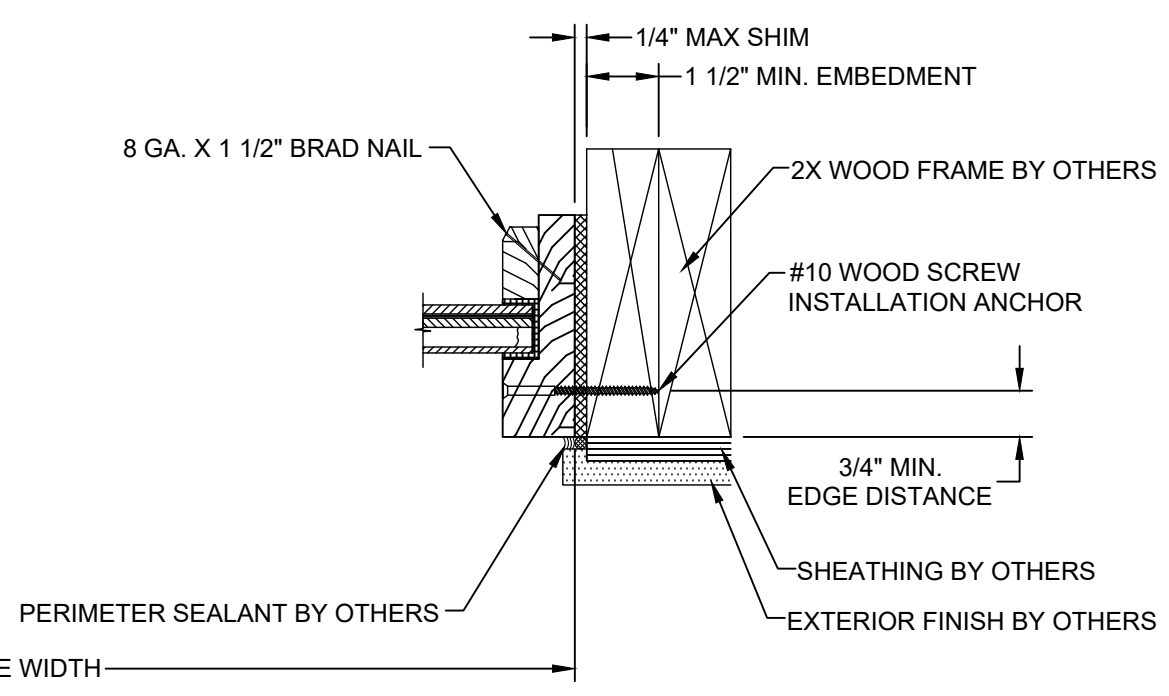
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HORIZONTAL SECTION
GLAZED SIDELITE PANEL AT JAMB
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 6, 7 & 8 FOR
APPROPRIATE SIDELITE PANEL)



X

HORIZONTAL SECTION
GLAZED DIRECT SET SIDELITE PANEL AT JAMB
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTION 10 FOR
APPROPRIATE SIDELITE PANEL)



Y

HORIZONTAL SECTION
GLAZED DIRECT SET SIDELITE PANEL AT JAMB
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTION 10 FOR
APPROPRIATE SIDELITE PANEL)

PROJECT #419-0909

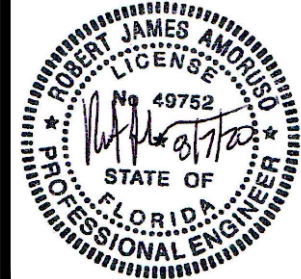
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

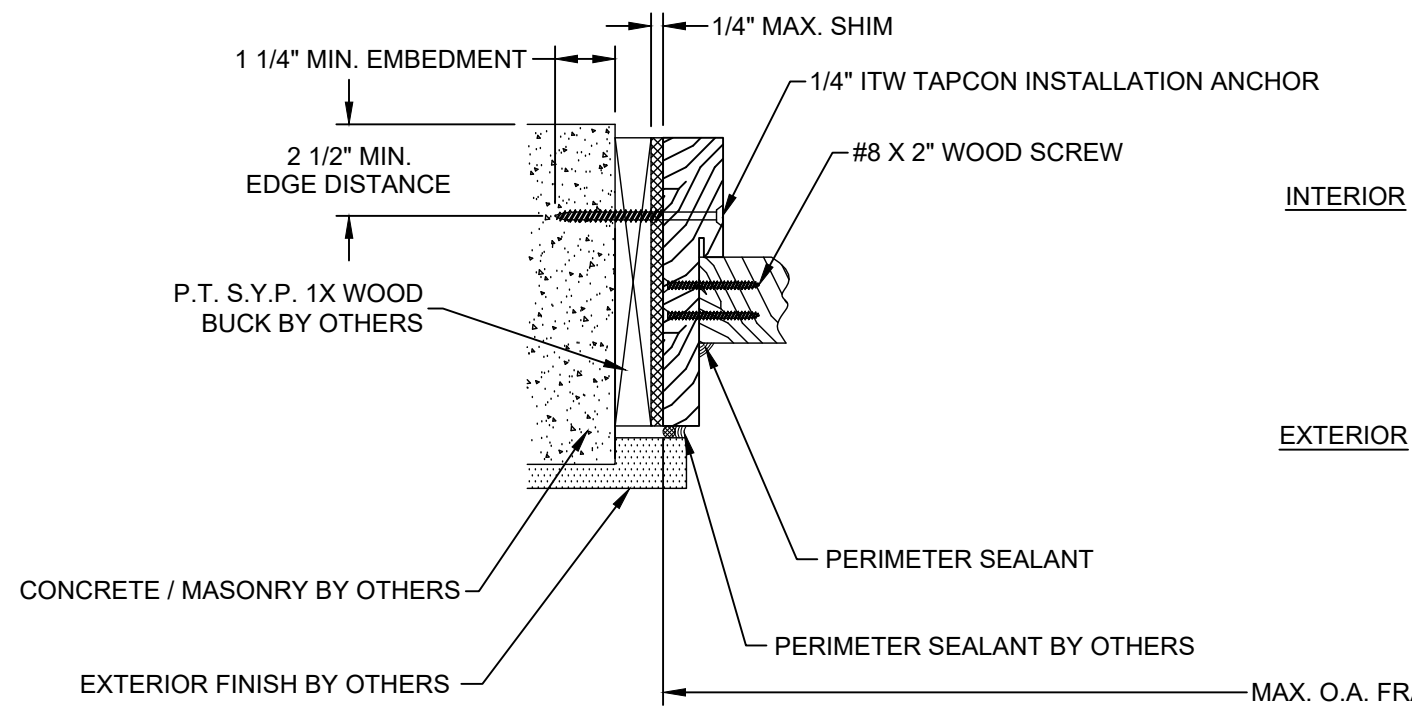
TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
HORIZONTAL SECTIONS

PREPARED BY: PJC
DRAWN BY: RJA
DATE: 8/7/20
SCALE: N.T.S.
DRAWING NO.: RW0058
REV: ---
SHEET: 20 OF 24

PJC PRODUCT DESIGN GROUP, LLC
PO BOX 630774
LONGWOOD, FLORIDA 32762
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@pjc-corp.com

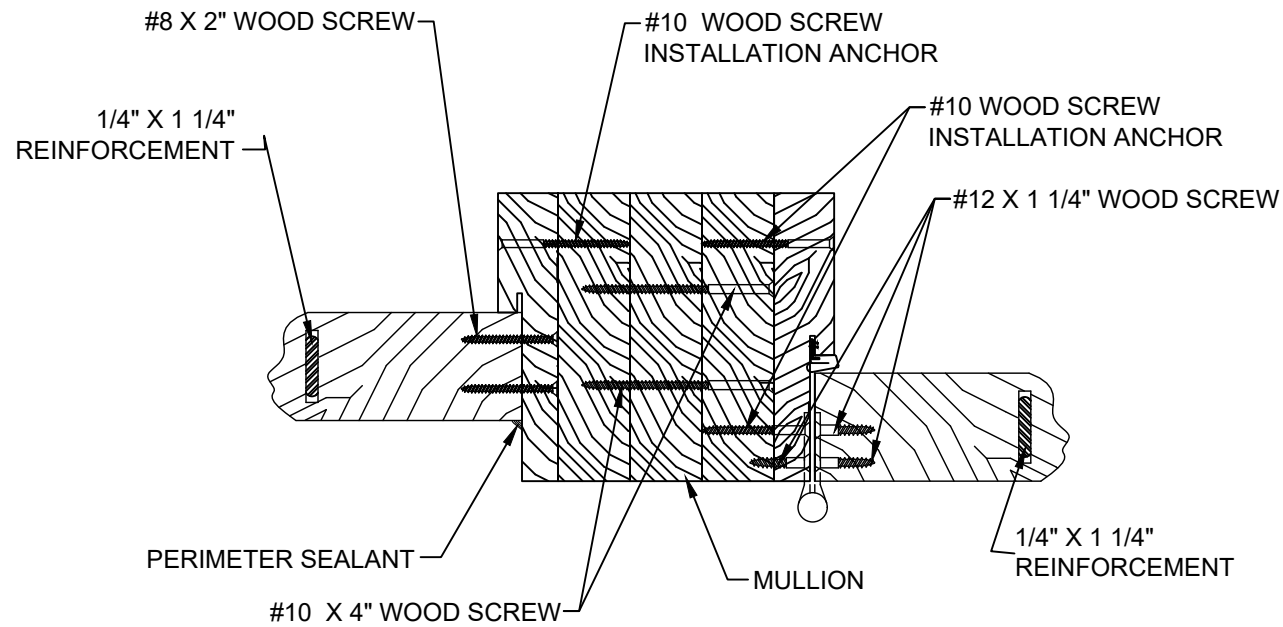
Robert J. Amoroso, P.E.
Florida P.E. No. 49752





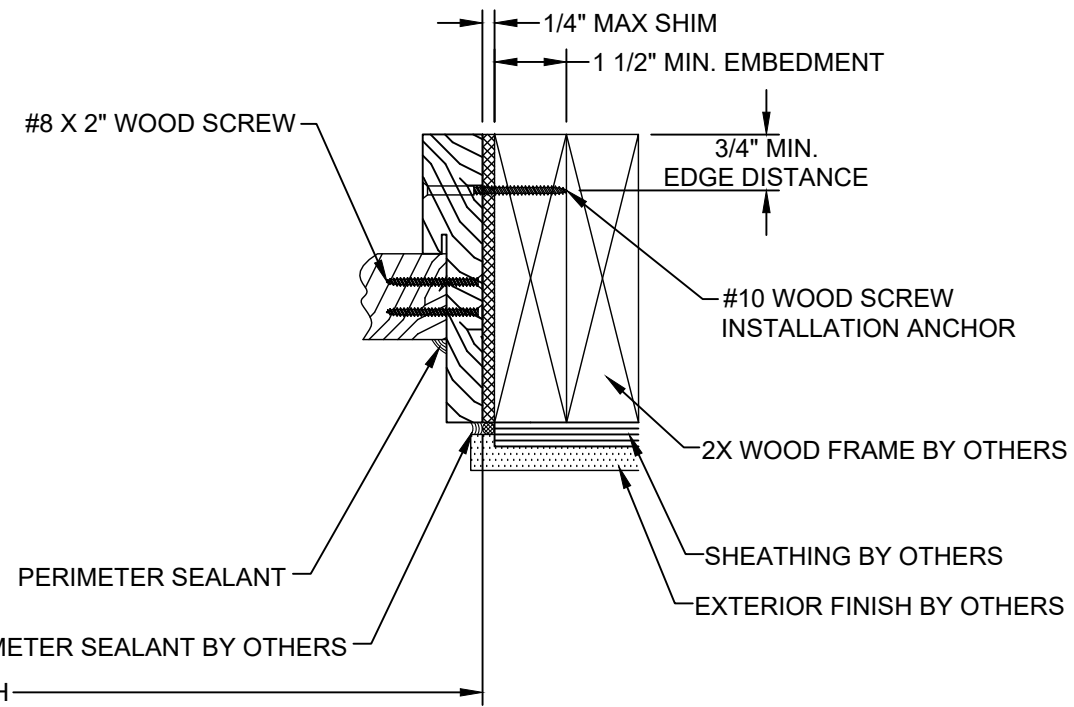
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HORIZONTAL SECTION
GLAZED SASH SET SIDELITE PANEL AT JAMB
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTION 9 & 12 FOR
APPROPRIATE SIDELITE PANELS)



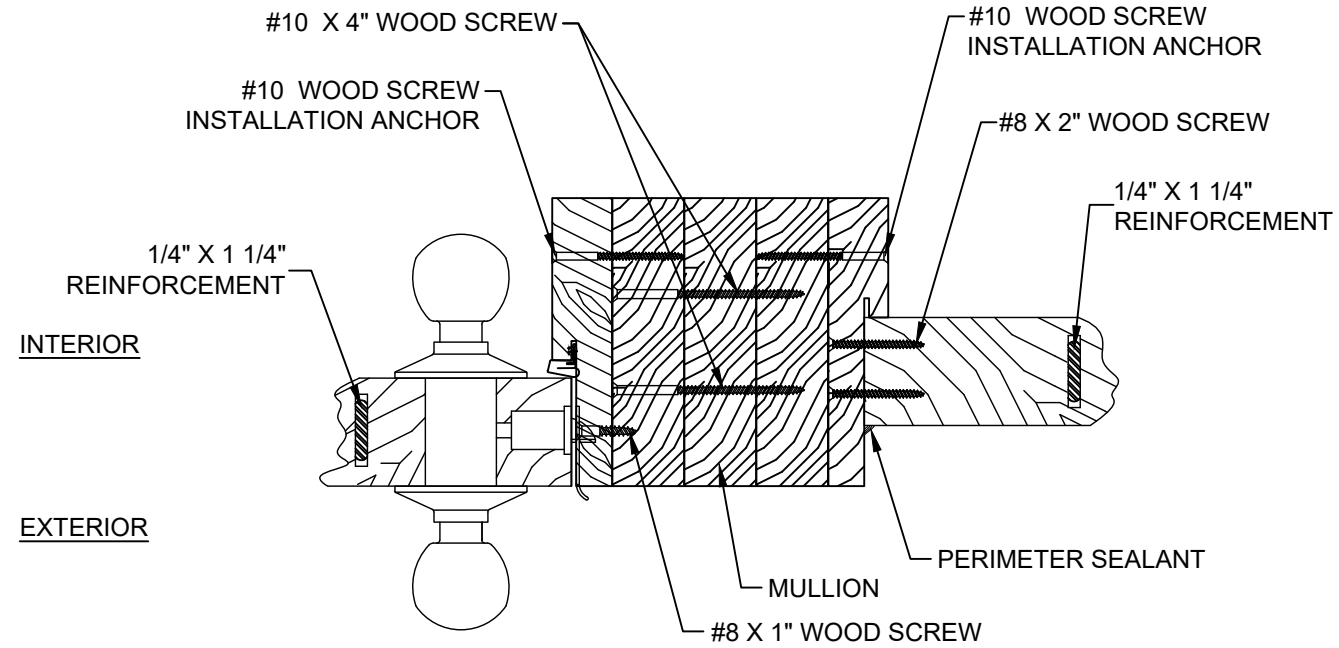
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HORIZONTAL SECTION
GLAZED SIDELITE PANEL / GLAZED DOOR PANEL
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 6, 7 & 8 FOR
APPROPRIATE DOOR & SIDELITE PANELS)



AA

HORIZONTAL SECTION
GLAZED SASH SET SIDELITE PANEL AT JAMB
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTION 9 & 12 FOR
APPROPRIATE SIDELITE PANELS)



R

HORIZONTAL SECTION
GLAZED DOOR PANEL / GLAZED SIDELITE PANEL
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 6, 7 & 8 FOR
APPROPRIATE DOOR & SIDELITE PANELS)

PROJECT #419-0909

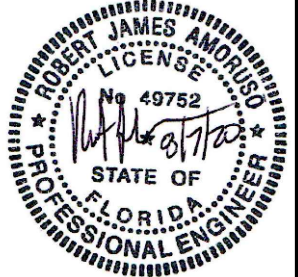
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

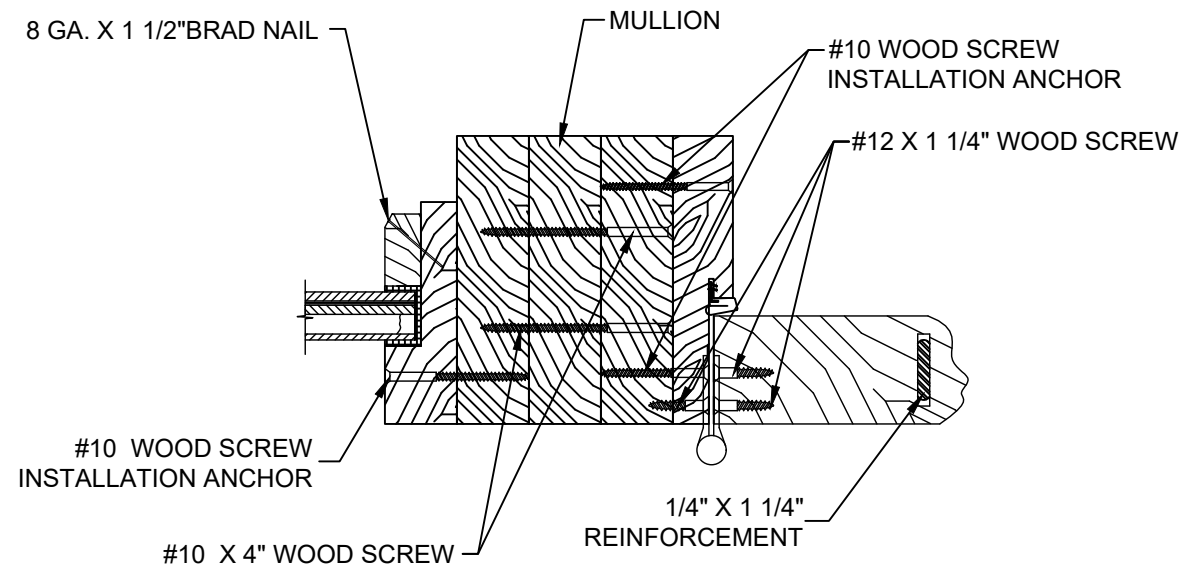
TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
HORIZONTAL SECTIONS

PREPARED BY: RJA
DATE: 8/7/20
DRAWING NO.: RW0058
SHEET: 21 OF 24
REV: ---

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077
LONGWOOD, FLORIDA 32762
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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



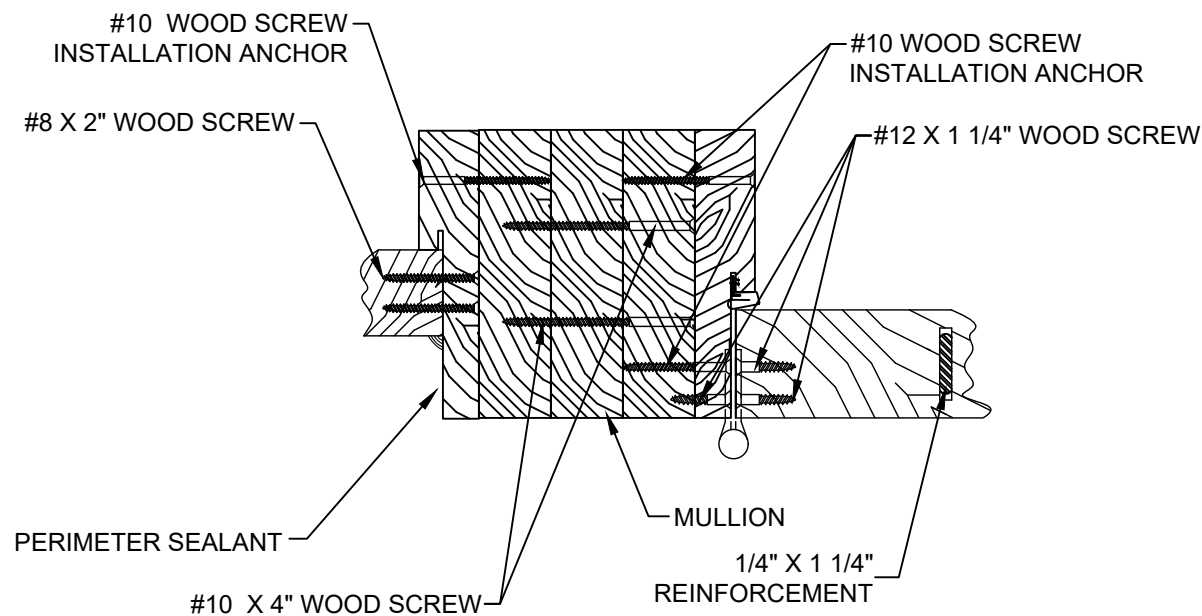


DD

HORIZONTAL SECTION

GLAZED DIRECT SET SIDELITE PANEL / GLAZED DOOR PANEL
AT MULLION

OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 6, 7 & 8 FOR
APPROPRIATE DOOR & SIDELITE PANELS)



EE

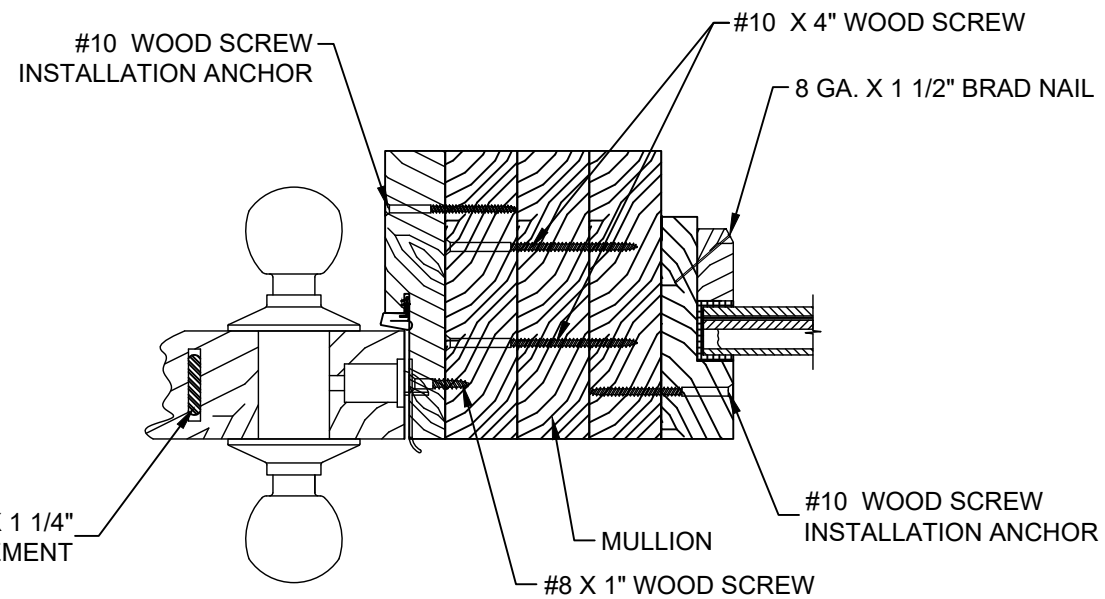
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GLAZED SIDELITE SASH SET / GLAZED DOOR PANEL
AT MULLION

OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 6, 7 & 8 FOR
APPROPRIATE DOOR PANELS & SHEET 4
SECTION 9 & 12 FOR APPROPRIATE
SIDELITE PANELS)

INTERIOR

EXTERIOR



S

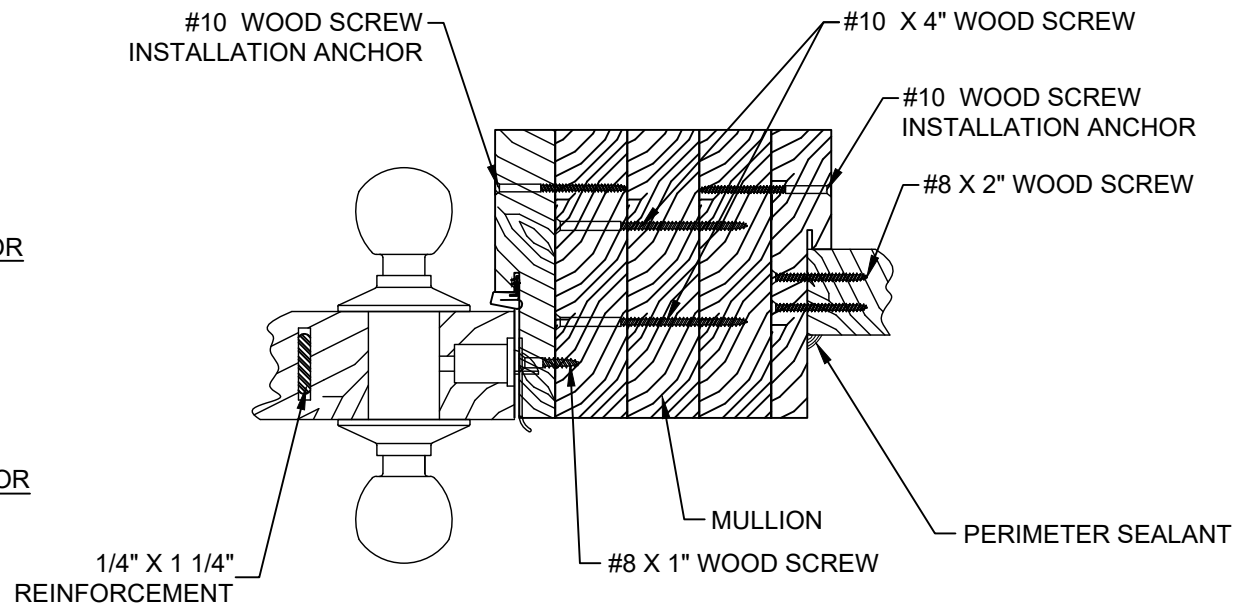
HORIZONTAL SECTION

GLAZED DOOR PANEL / GLAZED DIRECT SET SIDELITE PANEL
AT MULLION

OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 6, 7 & 8 FOR
APPROPRIATE DOOR PANELS & SHEET 4
SECTION 10 FOR APPROPRIATE
SIDELITE PANEL)

INTERIOR

EXTERIOR



T

HORIZONTAL SECTION

GLAZED DOOR PANEL / GLAZED SIDELITE SASH SET
AT MULLION

OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 6, 7 & 8 FOR
APPROPRIATE DOOR PANELS & SHEET 4
SECTION 9 & 12 FOR APPROPRIATE
SIDELITE PANELS)

PROJECT #419-0909

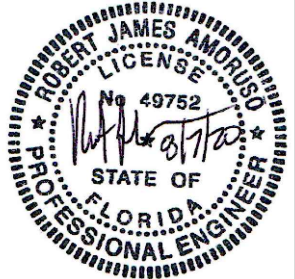
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

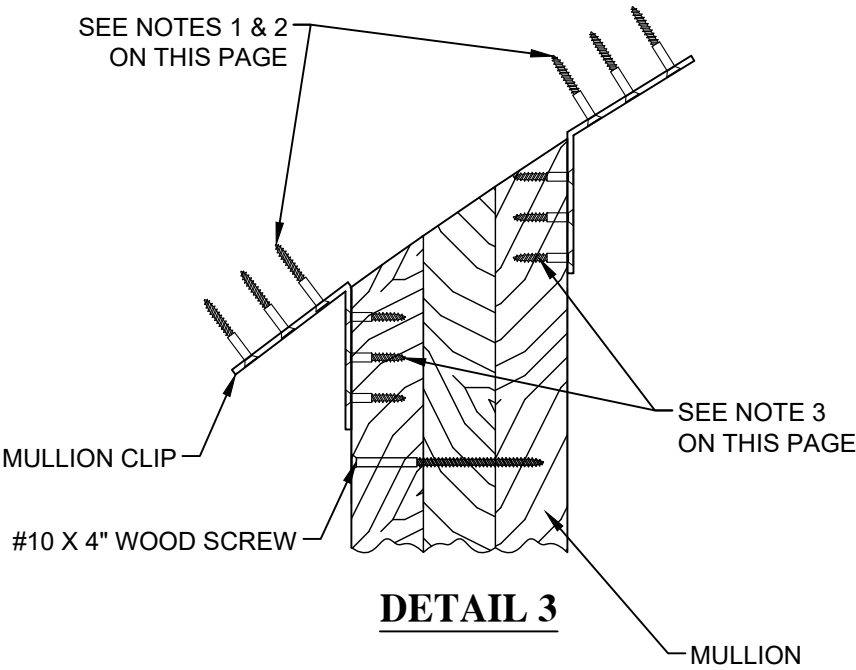
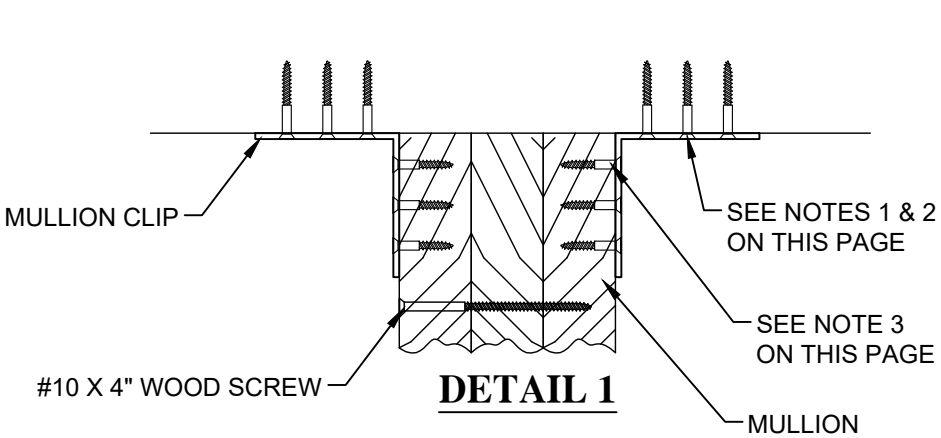
TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
HORIZONTAL SECTIONS

DATE:	8/7/20
DRAWING NO.:	RW0058
SHEET:	22 OF 24
DRAWN BY:	RJA
SCALE:	N.T.S.
REV:	---

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077
LONGWOOD, FLORIDA 32762
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
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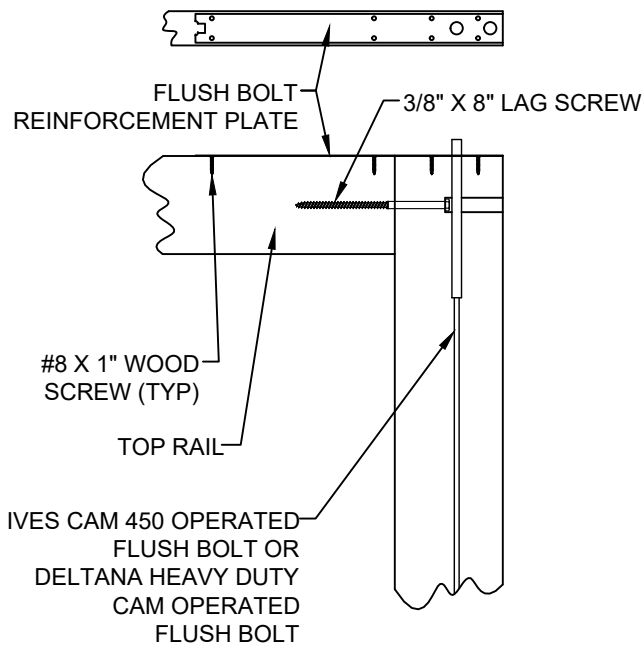
Robert J. Amoruso, P.E.
Florida P.E. No. 49752





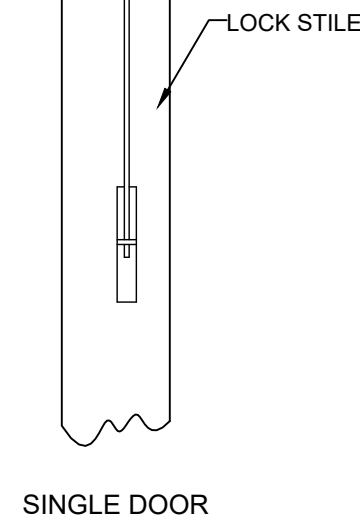
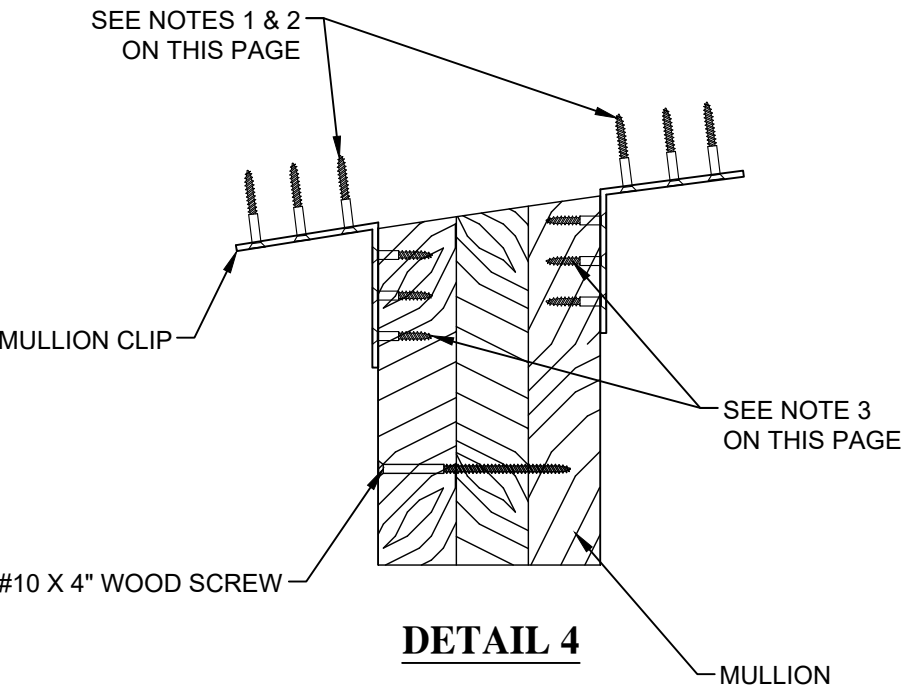
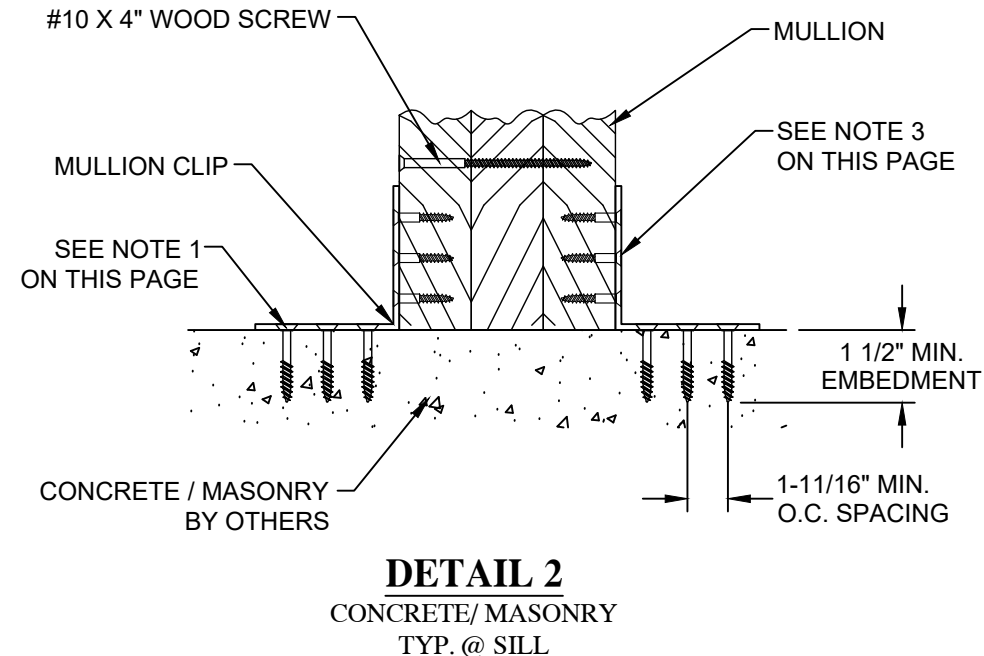
(4) #8 X 2" WOOD SCREWS
IN 2X WOOD FRAME OR
(4) 3/16" ITW TAPCONS IN
CONCRETE / MASONRY

FLUSH BOLT
STRIKE PLATE



NOTES:

1. ATTACHMENT OF CLIP ANGLES TO CONCRETE SUBSTRATES ARE 1/4" FLAT HEAD POWERS TAPPERS W/ MIN. 1 3/8" ENGAGEMENT @ HEAD, MIN. 1 1/2" EMBEDMENT @ SILL, MIN. 2 1/2" EDGE DISTANCE & MIN. 1 11/16" O.C. SPACING.
2. ATTACHEMENT OF CLIP ANGLES TO WOOD SUBSTRATES ARE #12 FLAT HEAD WOOD SCREW W/ MIN. 1 1/2" EMBEDMENT, MIN. 7/8" EDGE DISTANCE & MIN. 1 11/16" O.C. SPACING.
3. ATTACHMENT OF CLIP ANGLES TO MULLIONS ARE #10 X 1-1/4" FLAT HEAD WOOD SCREW.

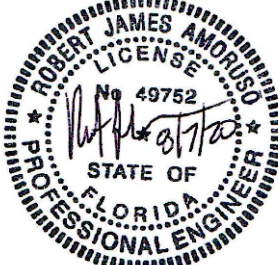


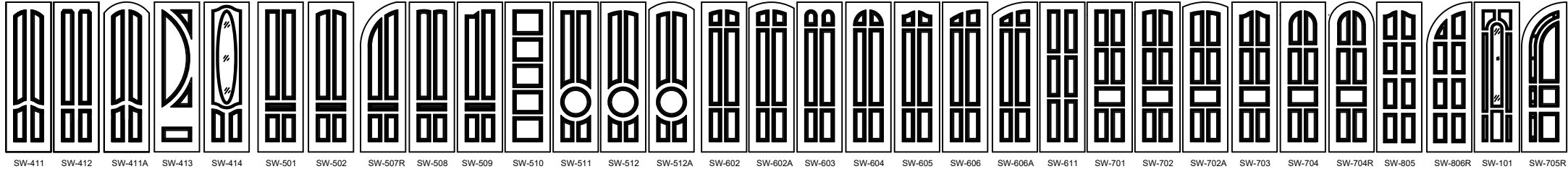
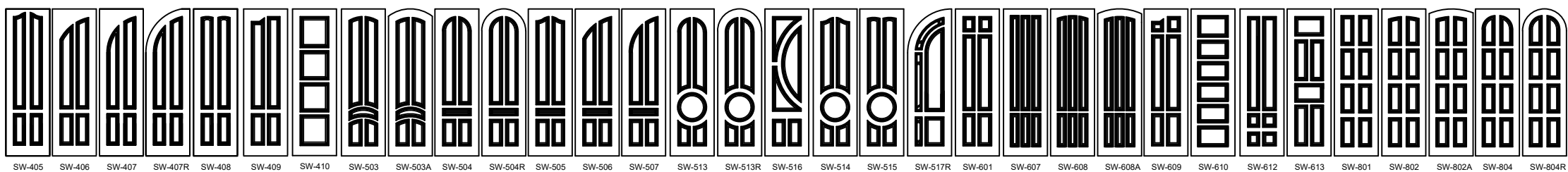
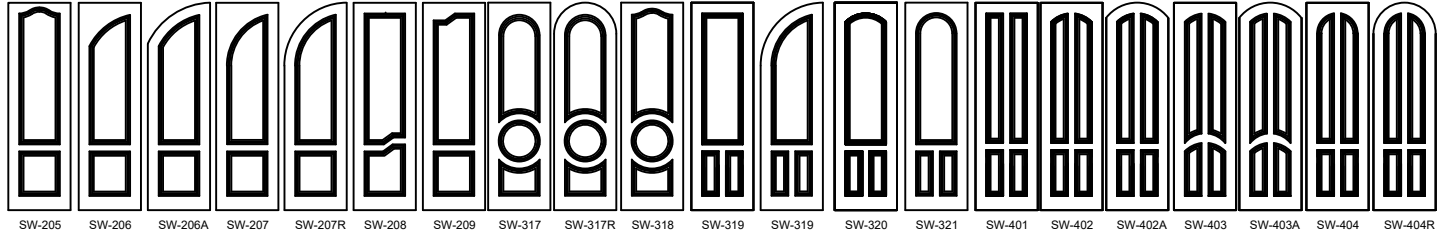
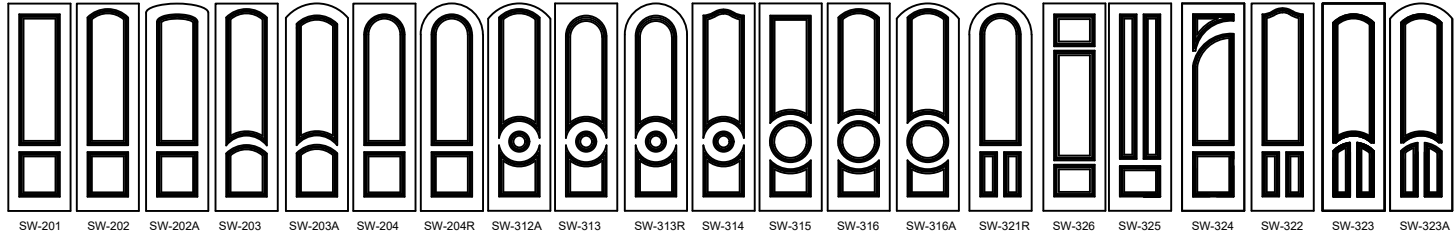
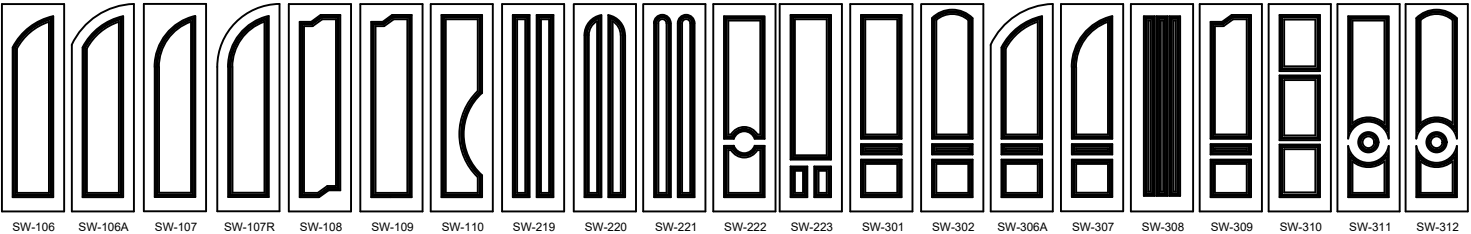
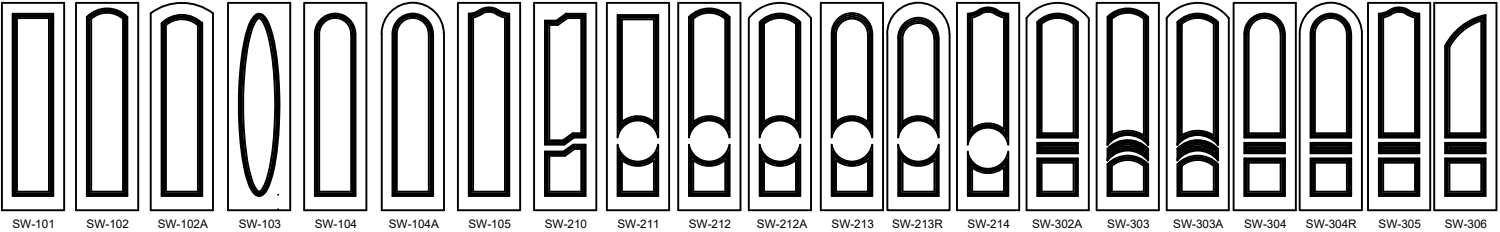
SINGLE DOOR

FLUSH BOLT DETAIL

PROJECT #419-0909		BY
		DATE
		DESCRIPTION
		REV

Real Woods Inc. 1230 N. East Ave Sarasota, FL 34237		DATE: 8/7/20	DRAWING NO: RW0058	SHEET: 23 OF 24
TITLE: 2 1/4" I.S. / O.S. GLA/OPA. SINGLE IMPACT DOOR W & W/O SIDELITES MULLION DETAILS & FLUSH BOLT DETAILS		DRAWN BY: RJA	SCALE: N.T.S.	REV: ---
PREPARED BY: 		PTC PRODUCT DESIGN GROUP, LLC PO BOX 69077 LONGWOOD, FLORIDA 32762 FBPE C.A. NO. 25935 Phone: 321.690.1788 Fax: 321.690.1789 Email: info@ptc-corp.com		

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



OPTIONAL CONFIGURATIONS
ACTUAL PANEL DESIGNS ARE NOT LIMITED
TO THESE CONFIGURATIONS ILLUSTRATED

PROJECT #419-0909

Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/4" I.S. / O.S. GLA./OPA. SINGLE IMPACT DOOR W & W/O SIDELITES
OPTIONAL CONFIGURATIONS

PREPARED BY:

DATE: 8/7/20

DRAWING NO: RW0058

SHEET: 24 OF 24

Rev

DESCRIPTION

DATE

BY

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