

REAL WOODS LLC

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

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 #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, #TEL 2004-08-30-021 DATED 8-30-2004, #TEL 2005-02-22-003 DATED 2-22-2005 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. THE NUMBER OF INSTALLATION ANCHORS DEPICTED ARE THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION. IN ADDITION TO THE INSTALLATION ANCHORS SHOWN, ONE (1) INSTALLATION ANCHOR IS REQUIRED THRU 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 (CONT'D.):

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" MINIMUM EMBEDMENT ON 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
J. EMTEK 3000 SERIES LOCK W/EGRESS FEATURE

DESIGN PRESSURE CHART (PSF)									
CONFIGURATIONS:			SQUARE TOP TRANSOMS			RADIUS TOP TRANSOMS			
			DIRECT SET	SASH SET	PANEL INSERT	DIRECT SET 37 5/8" (H) / 23 7/8" (H)		SASH SET	PANEL INSERT
SINGLE DOOR W/ (1) SIDELITE	DIRECT SET		+/- 55.0	+/- 55.0	+/- 55.0	+/- 50.0	+/- 55.0	+/- 55.0	+/- 55.0
	SASH SET		+/- 55.0	+/- 55.0	+/- 55.0	+/- 50.0	+/- 55.0	+/- 55.0	+/- 55.0
	PANEL INSERT	10'	+ 50.0/- 55.0	+ 50.0/- 55.0	+ 50.0/- 55.0	+/- 50.0	+ 50.0/- 55.0	+ 50.0/- 55.0	+ 50.0/- 55.0
		8'	+/- 55.0	+/- 55.0	+/- 55.0	+/- 50.0	+/- 55.0	+/- 55.0	+/- 55.0
SINGLE DOOR W/ (2) SIDELITES	DIRECT SET		+/- 55.0	+/- 55.0 (UPTO 42" (H))	+/- 55.0	+/- 50.0	+/- 55.0	+/- 55.0	+/- 55.0
	SASH SET		+/- 55.0	+/- 55.0 (UPTO 42" (H))	+/- 55.0	+/- 50.0	+/- 55.0	+/- 55.0	+/- 55.0
	PANEL INSERT	10'	* N/A	+ 50.0/- 55.0 (UPTO 37 1/2" (H))	* N/A	N/A	* N/A	+ 50.0/- 55.0 (UPTO 37 1/2" (H))	* N/A
		8'	* N/A	+/- 55.0	* N/A	N/A	* N/A	+/- 55.0	* N/A
SINGLE DOOR W/ NO SIDELITES			+/- 55.0	+/- 55.0	+/- 55.0	+/- 50.0	+/- 55.0	+/- 55.0	+/- 55.0

* CAN SUBSTITUTE PANEL INSERT PANEL W/ FULL LITE PANEL @ MAX. D.P. +/- 55 PSF

NOTE: A.D.A. THRESHOLD CAN BE SUBSTITUTED IN PLACE OF BUMP THRESHOLDS. MAX. ALLOWABLE HEIGHT FOR DOORS W/ A.D.A. THRESHOLD N.T.E. 8'-0" W/ A MAX. ALLOWABLE DOOR PANEL WIDTH N.T.E. 36". ALL DOOR CONFIGURATIONS THAT USE A.D.A. THRESHOLD, MAX. ALLOWABLE D.P. = +/-50 PSF.

TABLE OF CONTENTS					
SHEET	REV.	SHEET DESCRIPTION	SHEET	REV.	SHEET DESCRIPTION
1	---	GENERAL AND INSTALLATION NOTES & DP CHART	16	---	ELEVATIONS & ANCHOR LAYOUTS
2	---	PANEL ELEVATIONS	17	---	VERTICAL SECTIONS
3	---	PANEL VERTICAL SECTIONS	18	---	VERTICAL SECTIONS
4	---	PANEL HORIZONTAL SECTIONS	19	---	VERTICAL SECTIONS
5	---	ELEVATIONS & ANCHOR LAYOUTS	20	---	VERTICAL SECTIONS
6	---	ELEVATIONS & ANCHOR LAYOUTS	21	---	VERTICAL SECTIONS
7	---	ELEVATIONS & ANCHOR LAYOUTS	22	---	HORIZONTAL SECTIONS
8	---	ELEVATIONS & ANCHOR LAYOUTS	23	---	HORIZONTAL SECTIONS
9	---	ELEVATIONS & ANCHOR LAYOUTS	24	---	HORIZONTAL SECTIONS
10	---	ELEVATIONS & ANCHOR LAYOUTS	25	---	HORIZONTAL SECTIONS
11	---	ELEVATIONS & ANCHOR LAYOUTS	26	---	HORIZONTAL SECTIONS
12	---	ELEVATIONS & ANCHOR LAYOUTS	27	---	FLUSH BOLT DETAIL & GLAZING DETAILS
13	---	ELEVATIONS & ANCHOR LAYOUTS	28	---	MULLION DETAILS
14	---	ELEVATIONS & ANCHOR LAYOUTS	29	---	OPTIONAL PANEL CONFIGURATIONS
15	---	ELEVATIONS & ANCHOR LAYOUTS			

PROJECT #419-0909

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

TITLE:
2 1/4" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM
GENERAL AND INSTALLATION NOTES & D.P. CHART

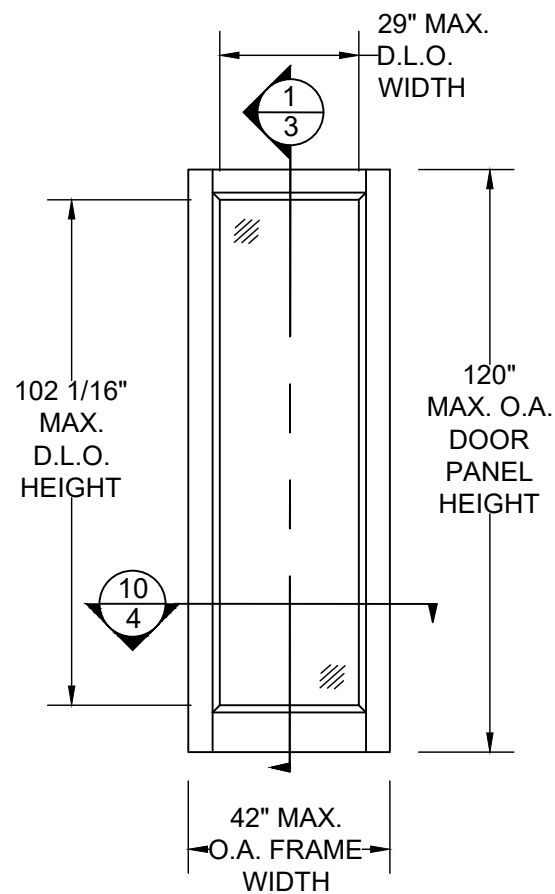
DATE: 8/7/20
DRAWING NO: RW0059
SHEET: 1 OF 29

DRAWN BY: RJA
SCALE: N.T.S.
REV: ---

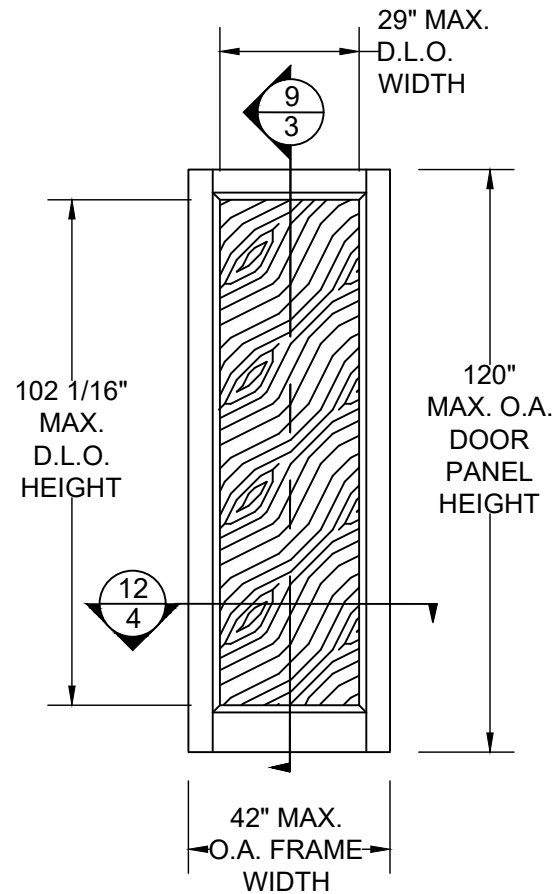
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 69077
LONGWOOD, FLORIDA 32762
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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

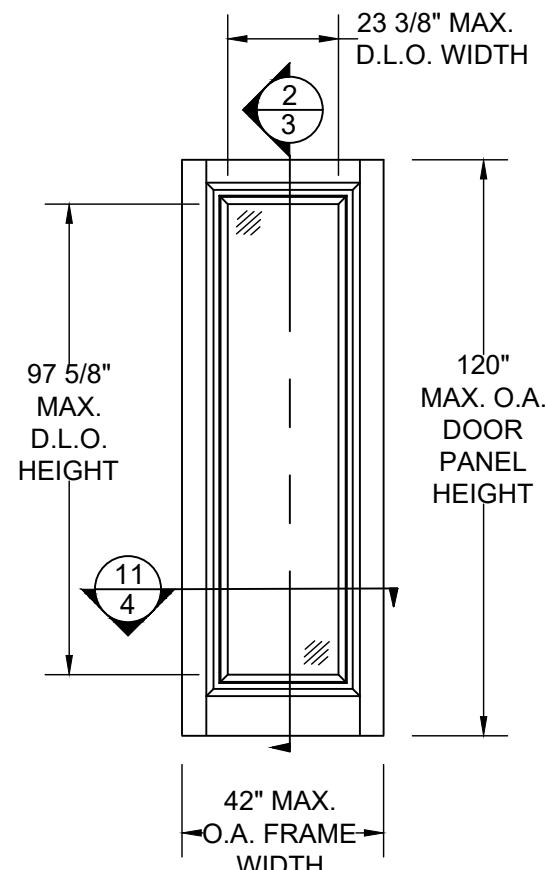
Professional Engineer
STATE OF FLORIDA
No. 49752



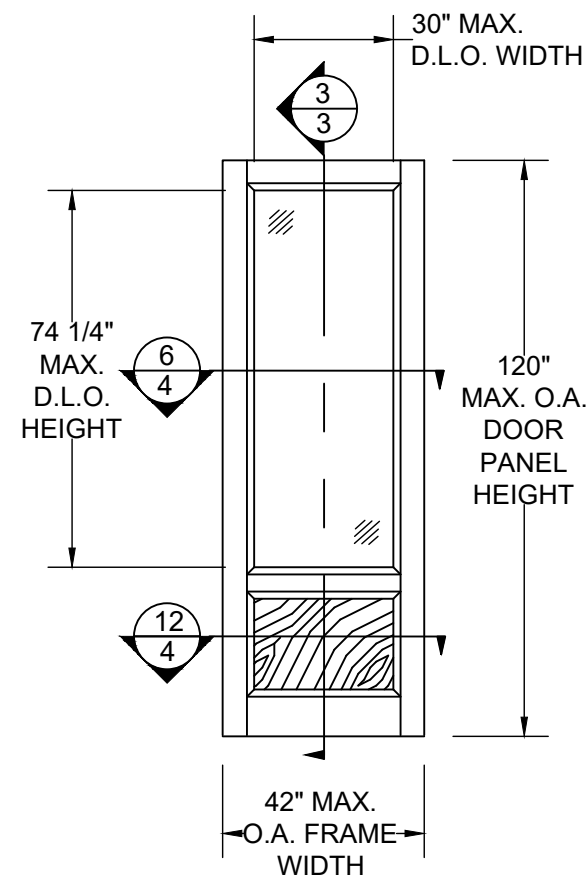
GLAZED FULL LITE PANEL
(DOOR & SIDELITE PANELS)



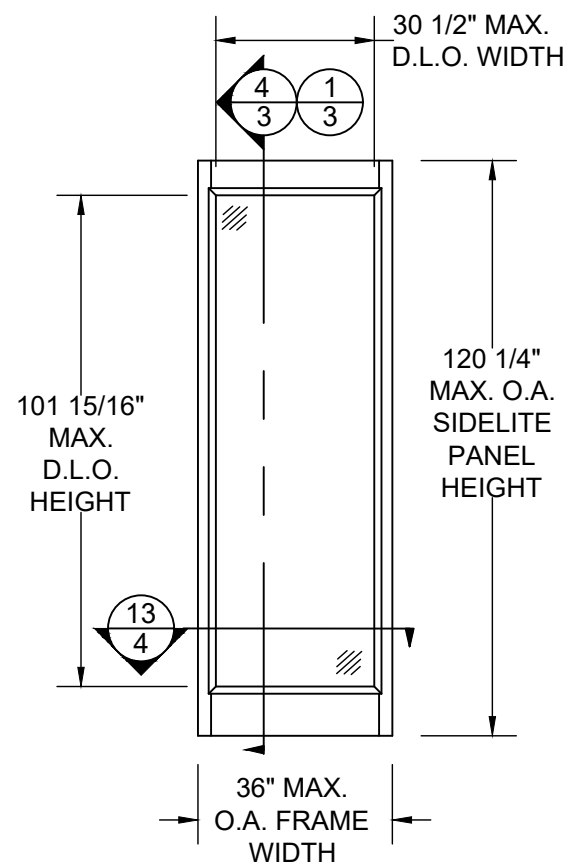
OPAQUE FULL LITE
(DOOR & SIDELITE PANELS)



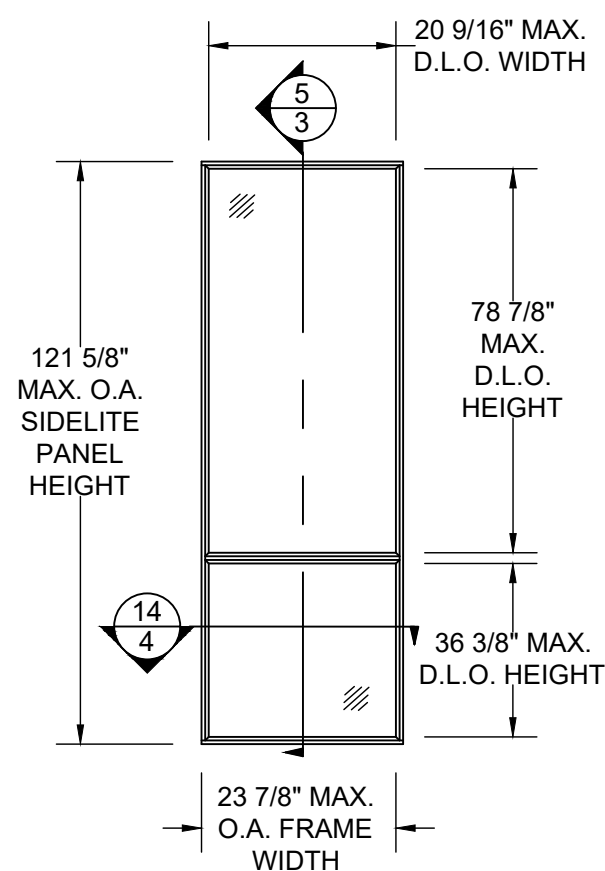
GLAZED FULL LITE PANEL INSERT
(DOOR TRANSOM & SIDELITE PANELS)



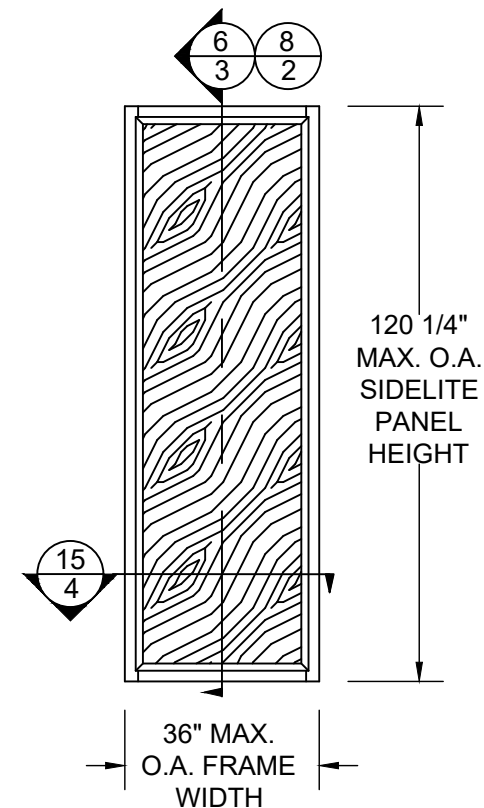
GLAZED 3/4 LITE OVER WOOD PANEL
(DOOR & SIDELITE PANELS)



GLAZED SASH SET PANEL
(SIDELITE & TRANSOM PANELS)



GLAZED DIRECT SET PANEL
(SIDELITE & TRANSOM PANELS)



OPAQUE SASH SET PANEL
(SIDELITE PANEL)

PROJECT #419-0909

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

TITLE: 2 1/2\"/>

PANEL ELEVATIONS

PREPARED BY: DATE: 8/7/20 DRAWING NO: RW0059 SHEET: 2 OF 29

SCALE: N.T.S. REV: ---

DESCRIPTION

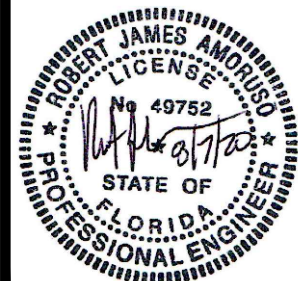
BY

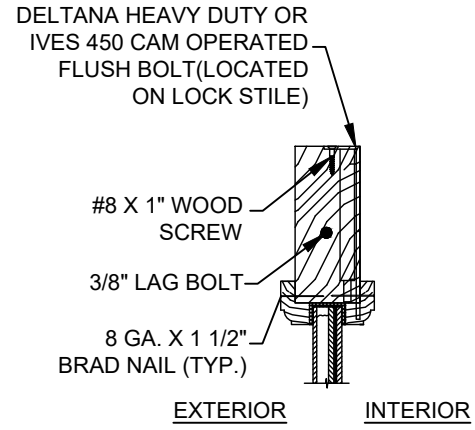
DATE

REV

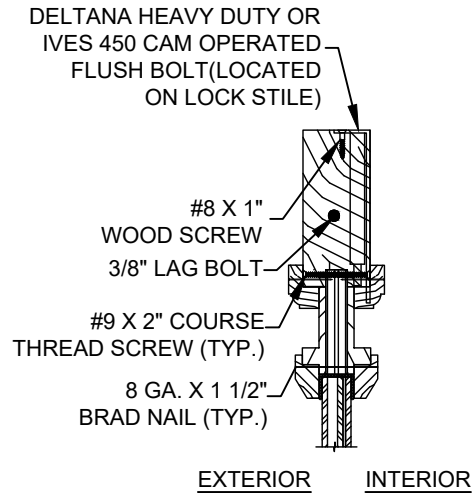
2 OF 29

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

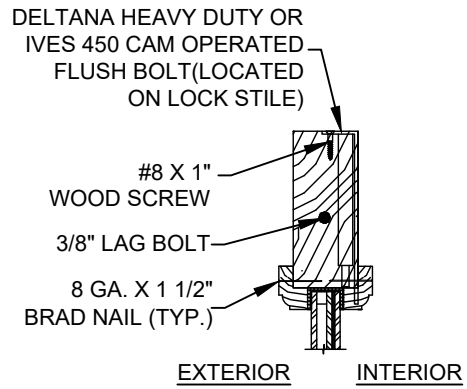




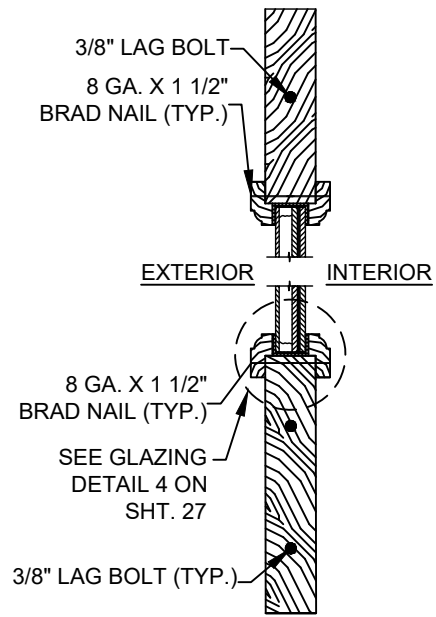
1
3 VERTICAL CROSS SECTION
2 1/4" GLAZED FULL LITE DOOR &
OPTIONAL SIDELITE PANELS



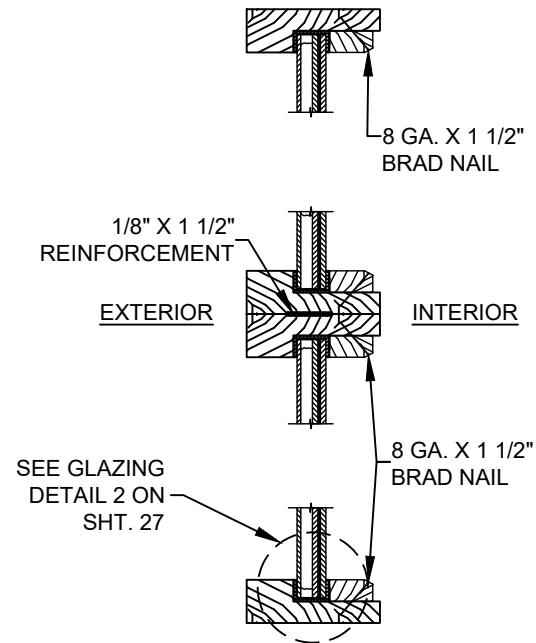
2
3 VERTICAL CROSS SECTION
2 1/4" FULL LITE PANEL INSERT DOOR,
OPTIONAL SIDELITE & TRANSOM PANELS



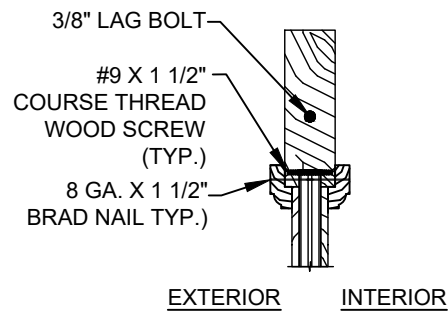
3
3 VERTICAL CROSS SECTION
GLAZED 3/4 LITE OVER 2 1/4" WOOD
OPAQUE PANEL DOOR, & OPTIONAL
SIDELITE PANELS



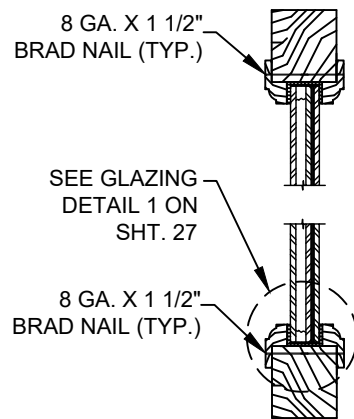
4
3 VERTICAL CROSS SECTION
1 3/4" GLAZED SASH SET
SIDELITE PANELS



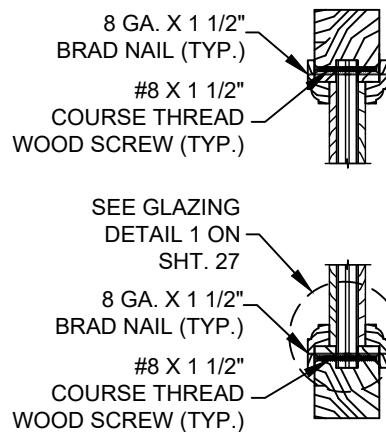
5
3 VERTICAL CROSS SECTION
GLAZED DIRECT SET SIDELITE
& TRANSOM PANELS



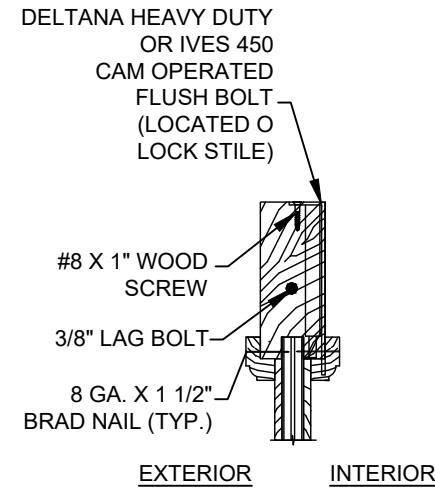
6
3 VERTICAL CROSS SECTION
1 3/4" OPAQUE SASH SET
SIDELITE PANELS



7
3 VERTICAL CROSS SECTION
1 3/4" GLAZED SASH SET
TRANSOM PANELS



8
3 VERTICAL CROSS SECTION
1 3/4" OPAQUE SASH SET
TRANSOM PANELS



9
3 VERTICAL CROSS SECTION
2 1/4" OPTIONAL OPAQUE FULL LITE DOOR
& SIDELITE PANELS

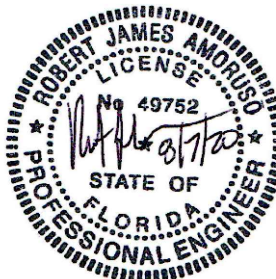
PROJECT #419-0909

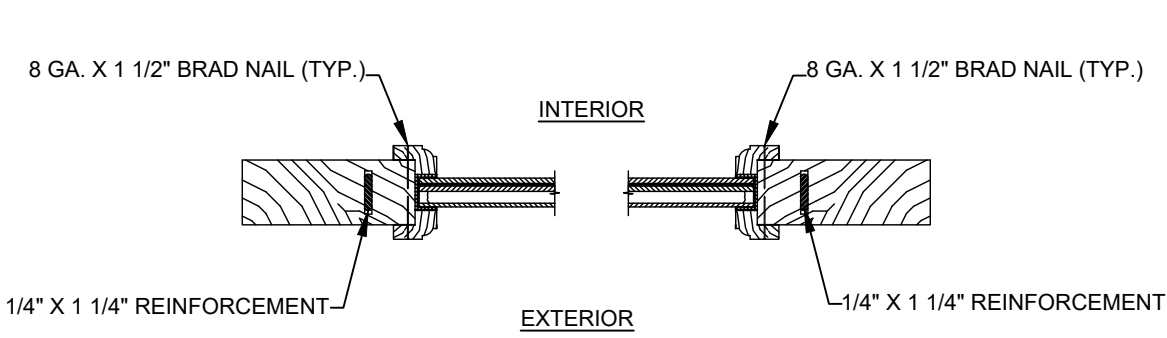
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/4" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM
PANEL VERTICAL SECTIONS

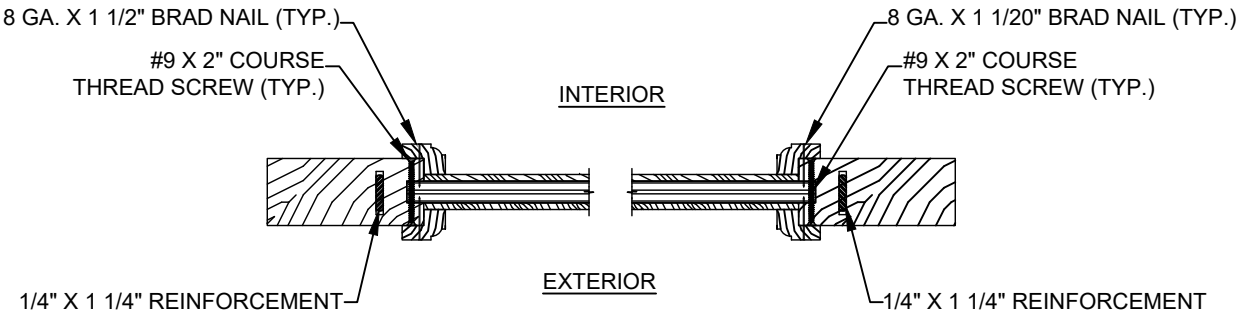
DATE: 8/7/20
DRAWING NO: RW0059
SHEET: 3 OF 29
DRAWN BY: RJA
SCALE: N.T.S.
REV: ---
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077
LONGWOOD, FLORIDA 32762
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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

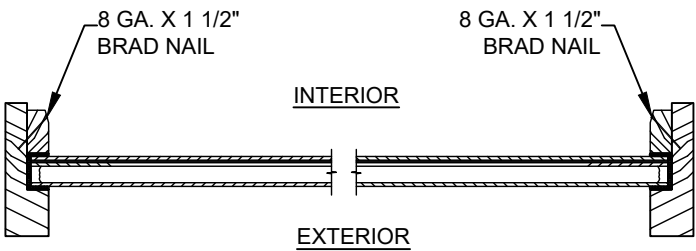




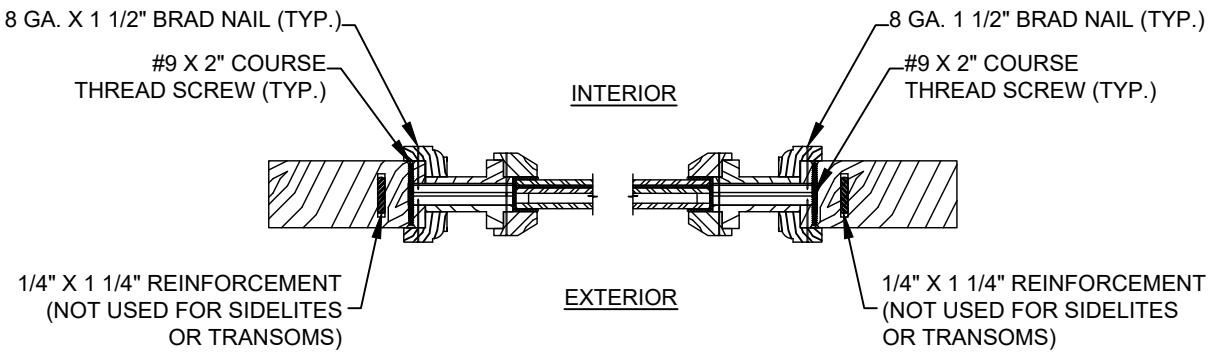
10
4 HORIZONTAL CROSS SECTION
2 1/4" FULL LITE DOOR & GLAZED 3/4 LITE
OVER 2 1/4" WOOD DOOR PANEL
& OPTIONAL SIDELITE PANELS



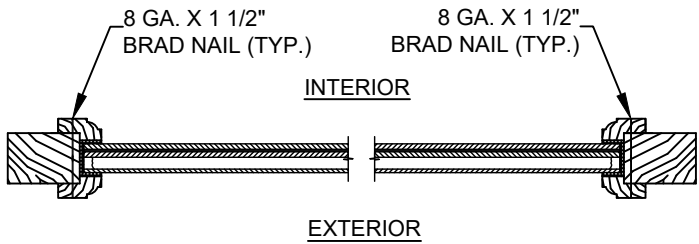
12
4 HORIZONTAL CROSS SECTION
2 1/4" WOOD PANEL UNDER 3/4 LITE GLAZED
DOOR & OPTIONAL SIDELITE PANELS



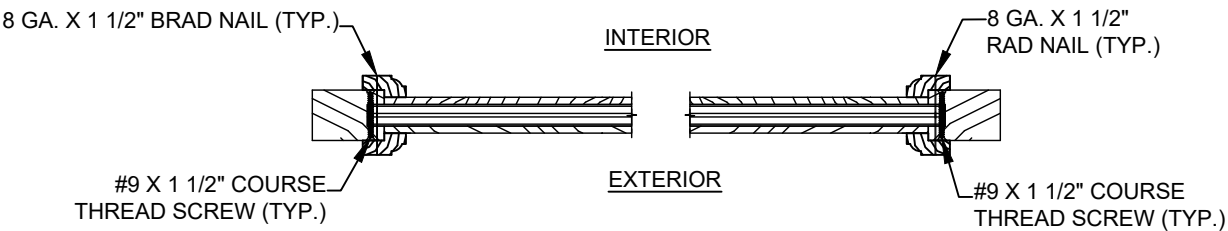
14
4 HORIZONTAL CROSS SECTION
GLAZED DIRECT SET SIDELITE & TRANSM
PANELS



11
4 HORIZONTAL CROSS SECTION
2 1/4" FULL LITE PANEL INSERT DOOR,
OPTIONAL SIDELITE & TRANSM PANELS



13
4 HORIZONTAL CROSS SECTION
1 3/4" GLAZED SASH SET SIDELITE &
TRANSM PANELS



15
4 HORIZONTAL CROSS SECTION
1 3/4" OPAQUE SASH SET SIDELITE & TRANSM
PANELS

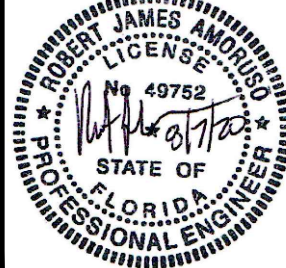
PROJECT #419-0909

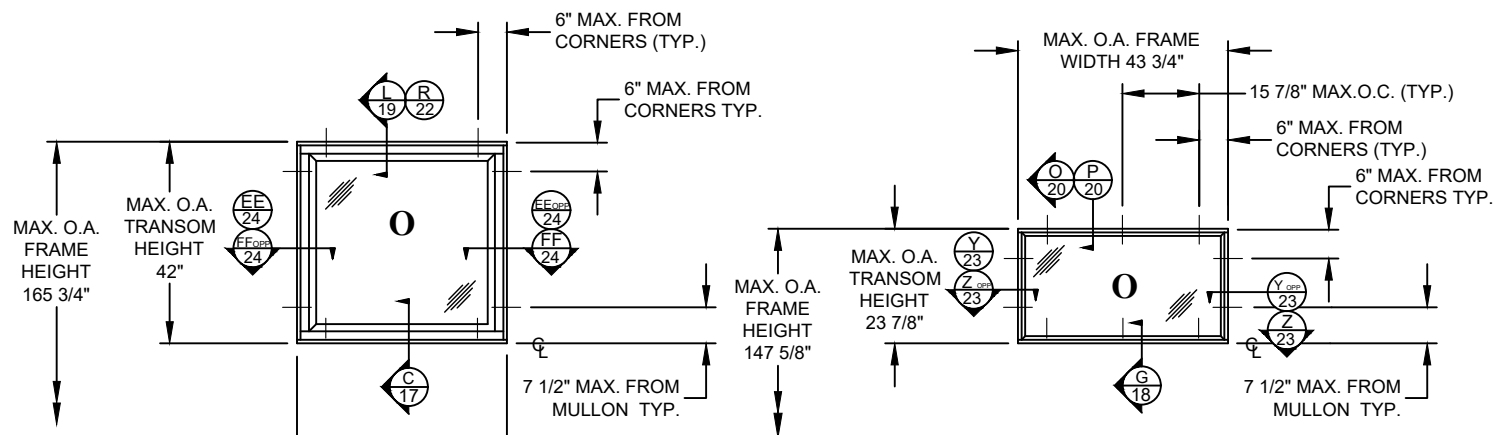
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

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

PREPARED BY: DATE: 8/7/20
DRAWN BY: RJA
SCALE: N.T.S.
REV: ---
SHEET: 4 OF 29
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077
LONGWOOD, FLORIDA 32762
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

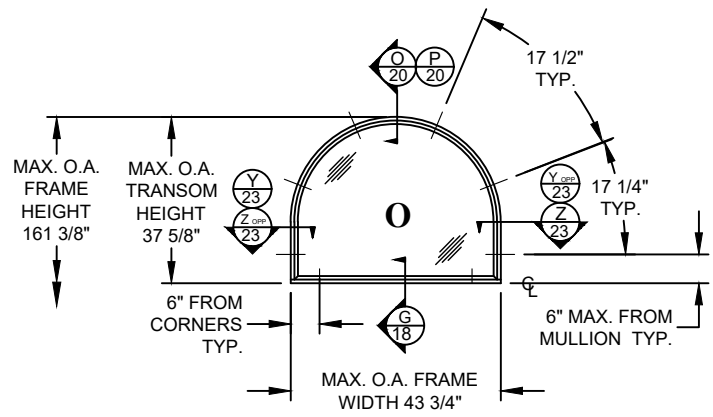
Robert J. Amoroso, P.E.
Florida P.E. No. 49752





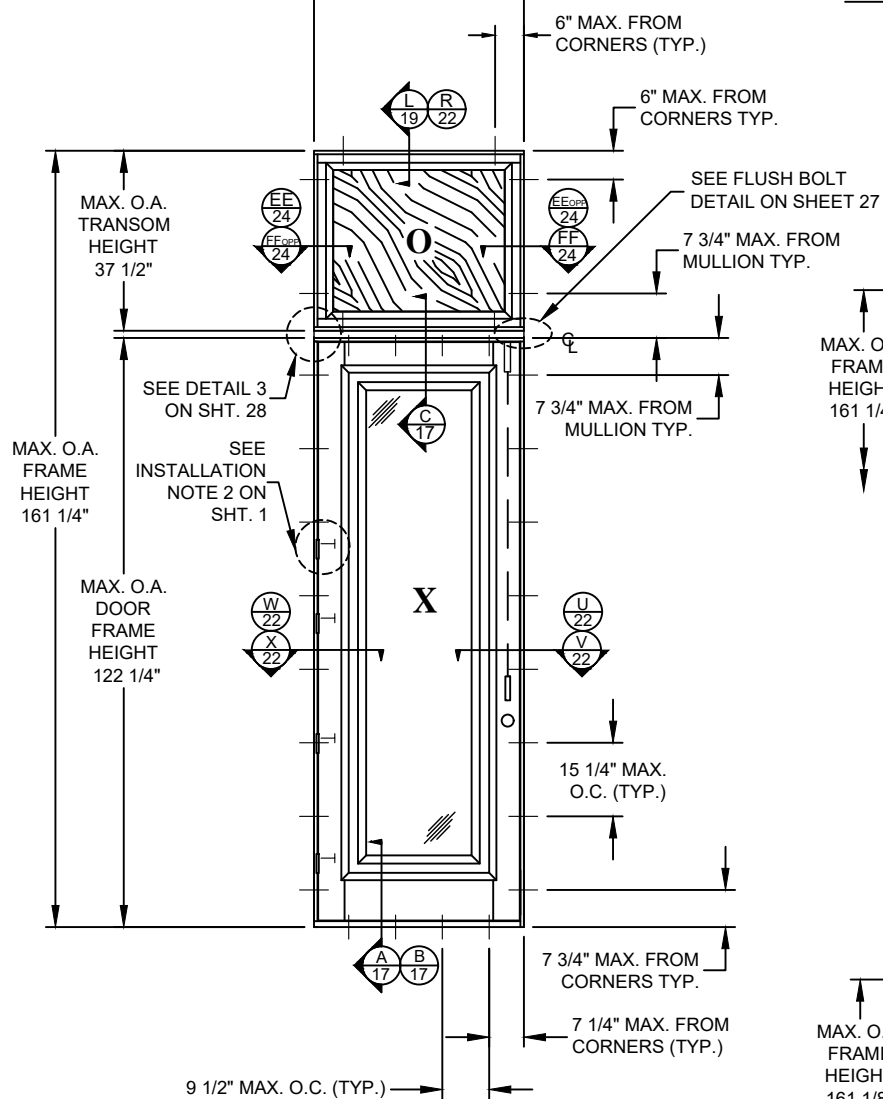
ELEVATION & ANCHOR LAYOUT

GLAZED DIRECT SET SQUARE TOP TRANSOM
FOR SINGLE DOOR
INSWING / OUTSWING
EXTERIOR VIEW O/X



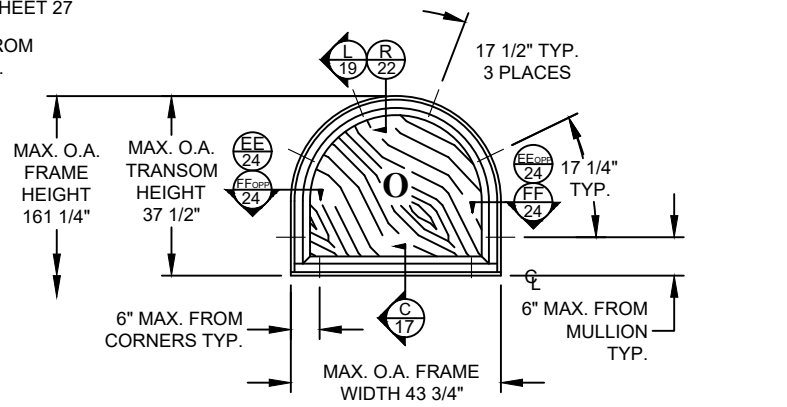
ELEVATION & ANCHOR LAYOUT

GLAZED DIRECT SET RADIUS TOP TRANSOM
FOR SINGLE DOOR
INSWING / OUTSWING
EXTERIOR VIEW O/X



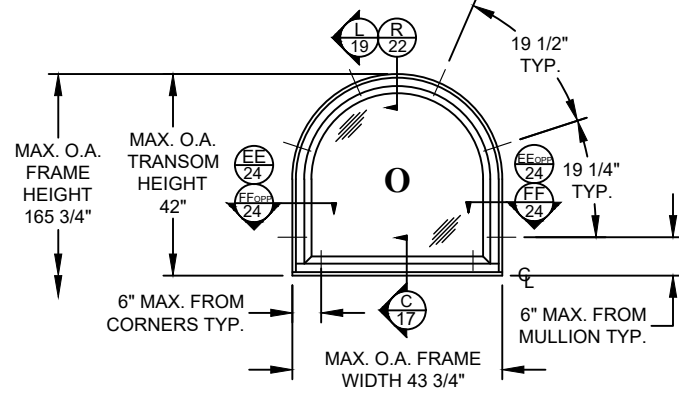
ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SINGLE DOOR W/
OPAQUE & GLAZED SQUARE TOP TRANSOM
INSWING / OUTSWING
EXTERIOR VIEW O/X



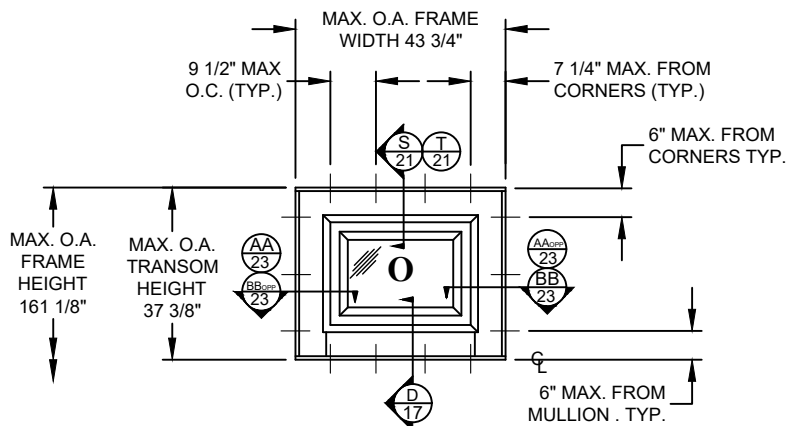
ELEVATION & ANCHOR LAYOUT

OPAQUE SASH SET RADIUS TOP TRANSOM
FOR SINGLE DOOR
INSWING / OUTSWING
EXTERIOR VIEW O/X



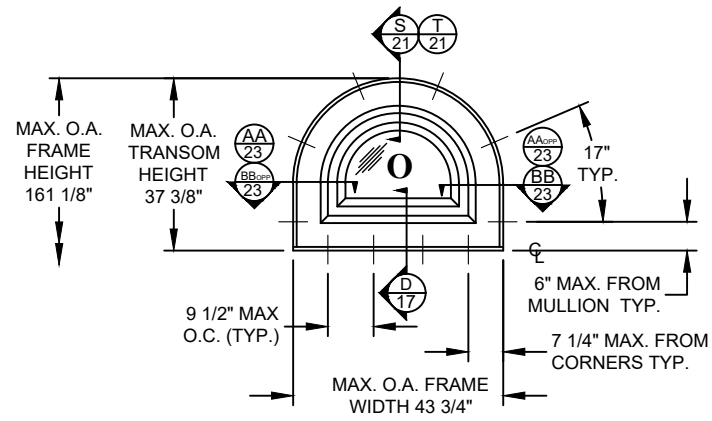
ELEVATION & ANCHOR LAYOUT

GLAZED SASH SET RADIUS TOP TRANSOM
FOR SINGLE DOOR
INSWING / OUTSWING
EXTERIOR VIEW O/X



ELEVATION & ANCHOR LAYOUT

GLAZED PANEL INSERT SQUARE TOP TRANSOM
FOR SINGLE DOOR
INSWING / OUTSWING
EXTERIOR VIEW O/X



ELEVATION & ANCHOR LAYOUT

GLAZED PANEL INSERT RADIUS TOP TRANSOM
FOR SINGLE DOOR
INSWING / OUTSWING
EXTERIOR VIEW O/X

ONE (1) INSTALLATION ANCHOR REQ'D. @ EA. HINGE LOCATION. (SEE INSTALLATION NOTE 2 ON SHEET 1)

44"
59"
84 1/2"
109 1/2"

4-1/2" x 4-1/2" OR
4" X 4" STEEL HINGES

HINGE LOCATIONS

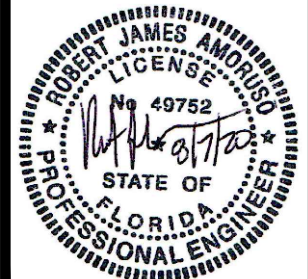
PROJECT #419-0909

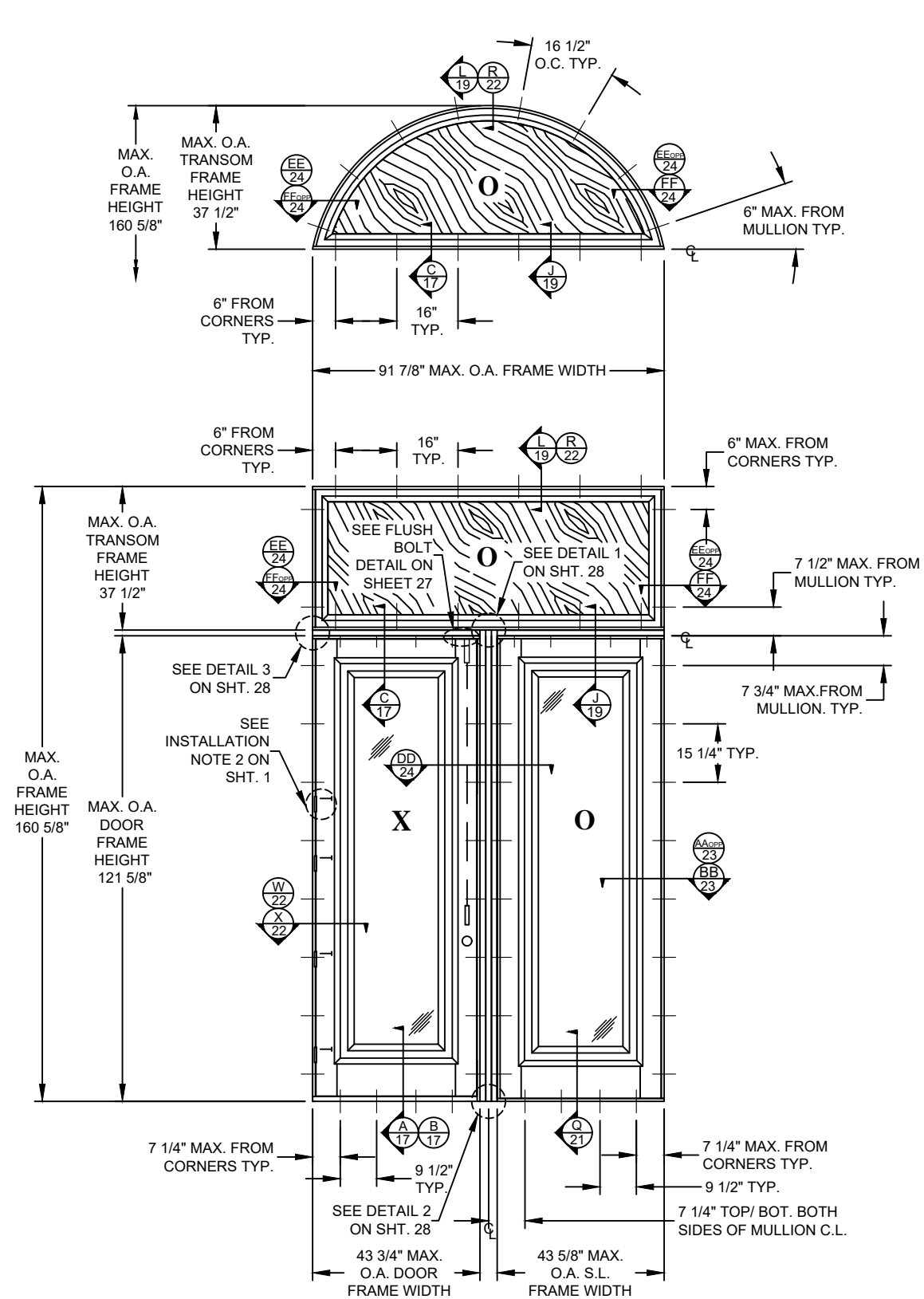
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM ELEVATIONS & ANCHOR LAYOUTS

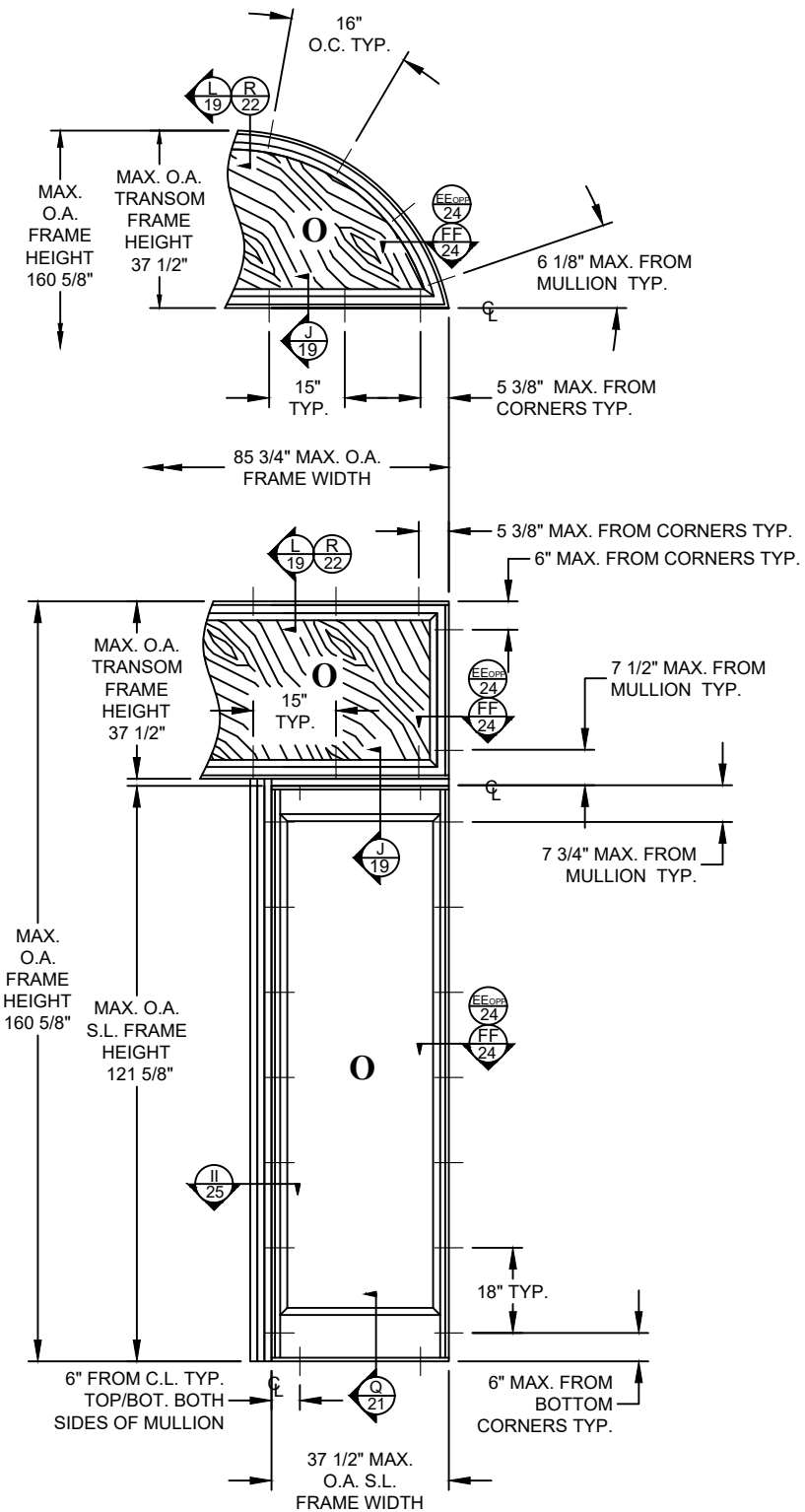
DATE:	8/7/20
DRAWING NO.:	RW0059
SCALE:	N.T.S.
REV:	---
SHEET:	5 OF 29

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

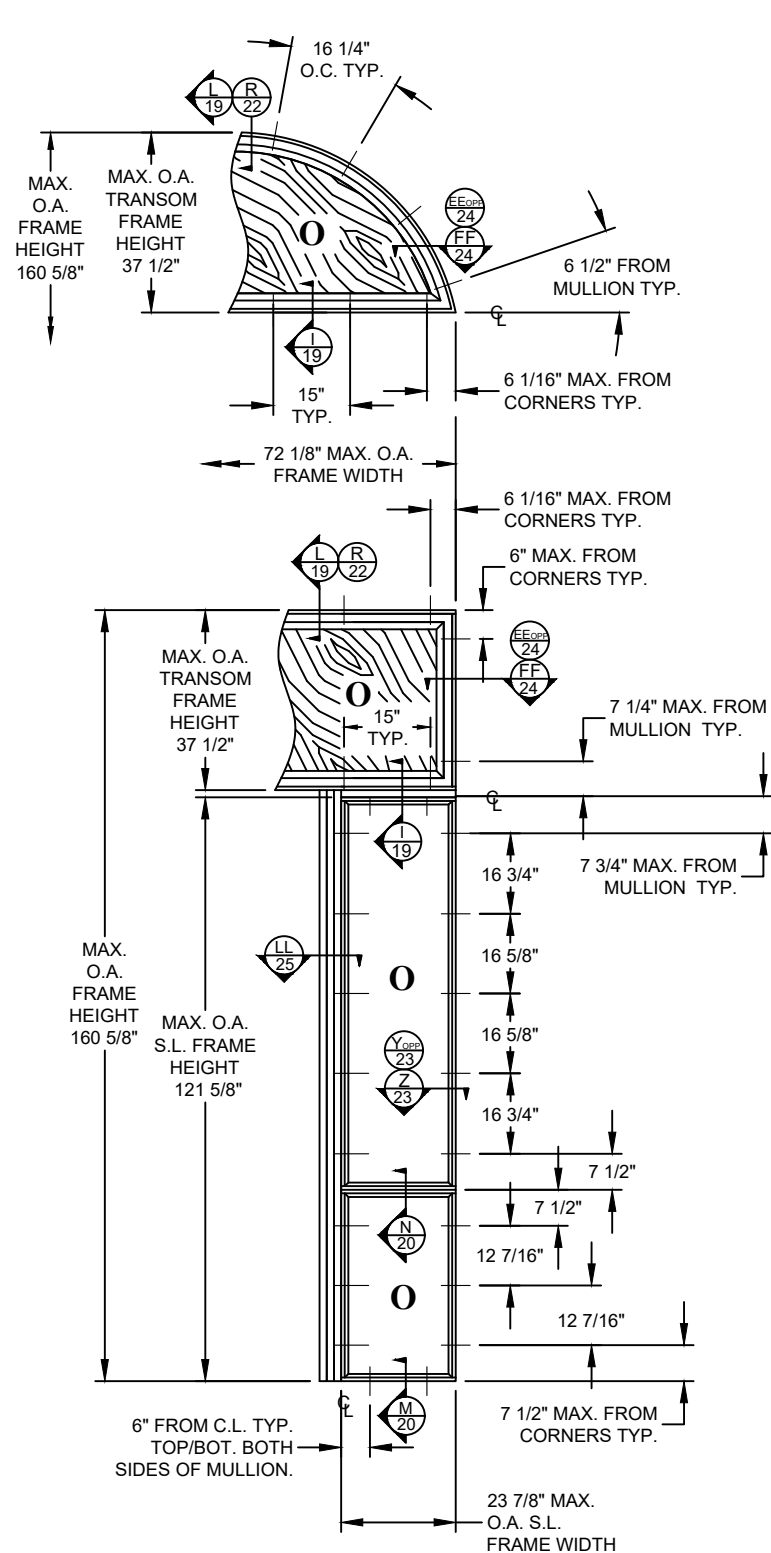




ELEVATION & ANCHOR LAYOUT
 GLAZED/OPAQUE SINGLE DOOR W/ GLAZED/OPAQUE SIDELITE
 & OPAQUE SASH SET SQUARE/RADIUS TOP TRANSOM
 INSWING / OUTSWING
 EXTERIOR VIEW $\frac{O}{XO}$



ELEVATION & ANCHOR LAYOUT
 GLAZED/OPAQUE SASH SET SIDELITE PANEL W/
 OPAQUE SASH SET SQUARE/RADIUS TOP TRANSOM
 FOR SINGLE DOOR
 INSWING / OUTSWING
 EXTERIOR VIEW $\frac{O}{XO}$



ELEVATION & ANCHOR LAYOUT
 GLAZED DIRECT SET SIDELITE PANEL W/
 OPAQUE SASH SET SQUARE/RADIUS TOP TRANSOM
 FOR SINGLE DOOR
 INSWING / OUTSWING
 EXTERIOR VIEW $\frac{O}{XO}$

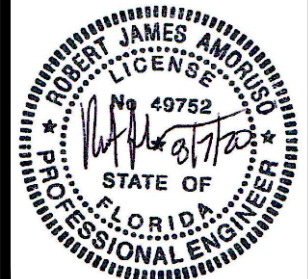
PROJECT #419-0909

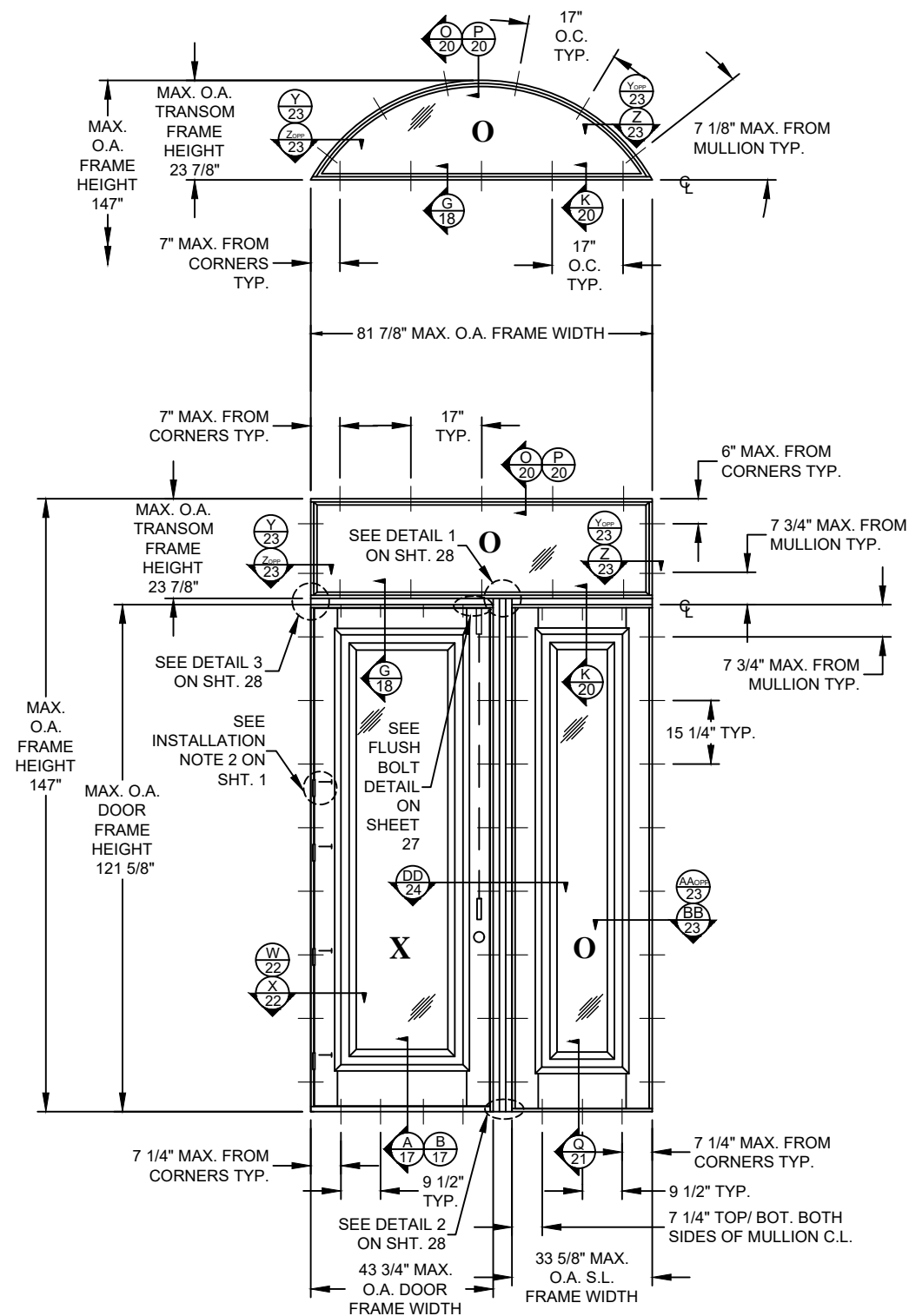
Real Woods Inc.
 1230 N. East Ave
 Sarasota, FL 34237

TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM
 ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY: **FW**
 DRAWN BY: RJA
 SCALE: N.T.S.
 DATE: 8/7/20
 DRAWING NO: RW0059
 REV: ---
 SHEET: 6 OF 29

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



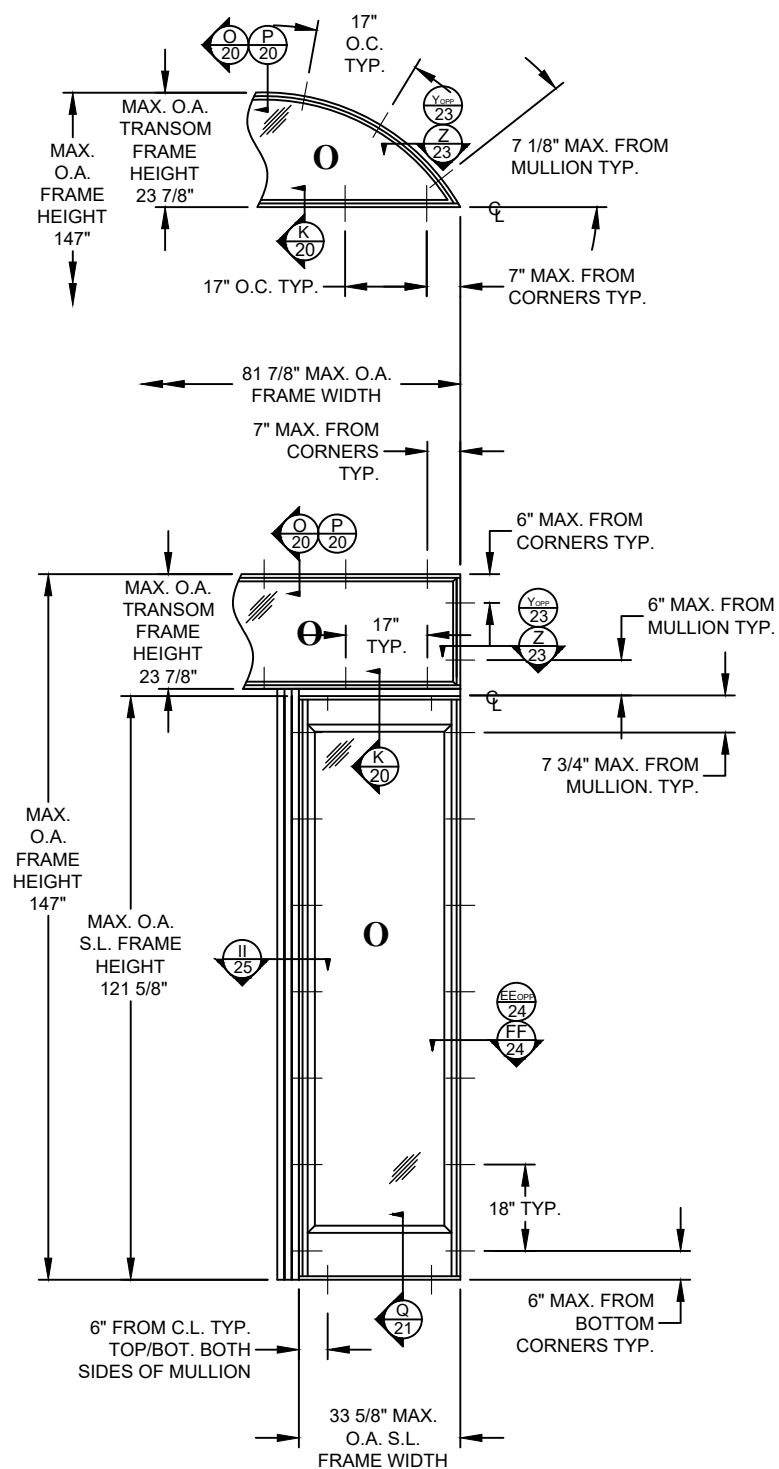


ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SINGLE DOOR W/ GLAZED/OPAQUE SIDELITE
& GLAZED DIRECT SET SQUARE/RADIUS TOP TRANSOM

INSWING / OUTSWING
EXTERIOR VIEW

O
XO

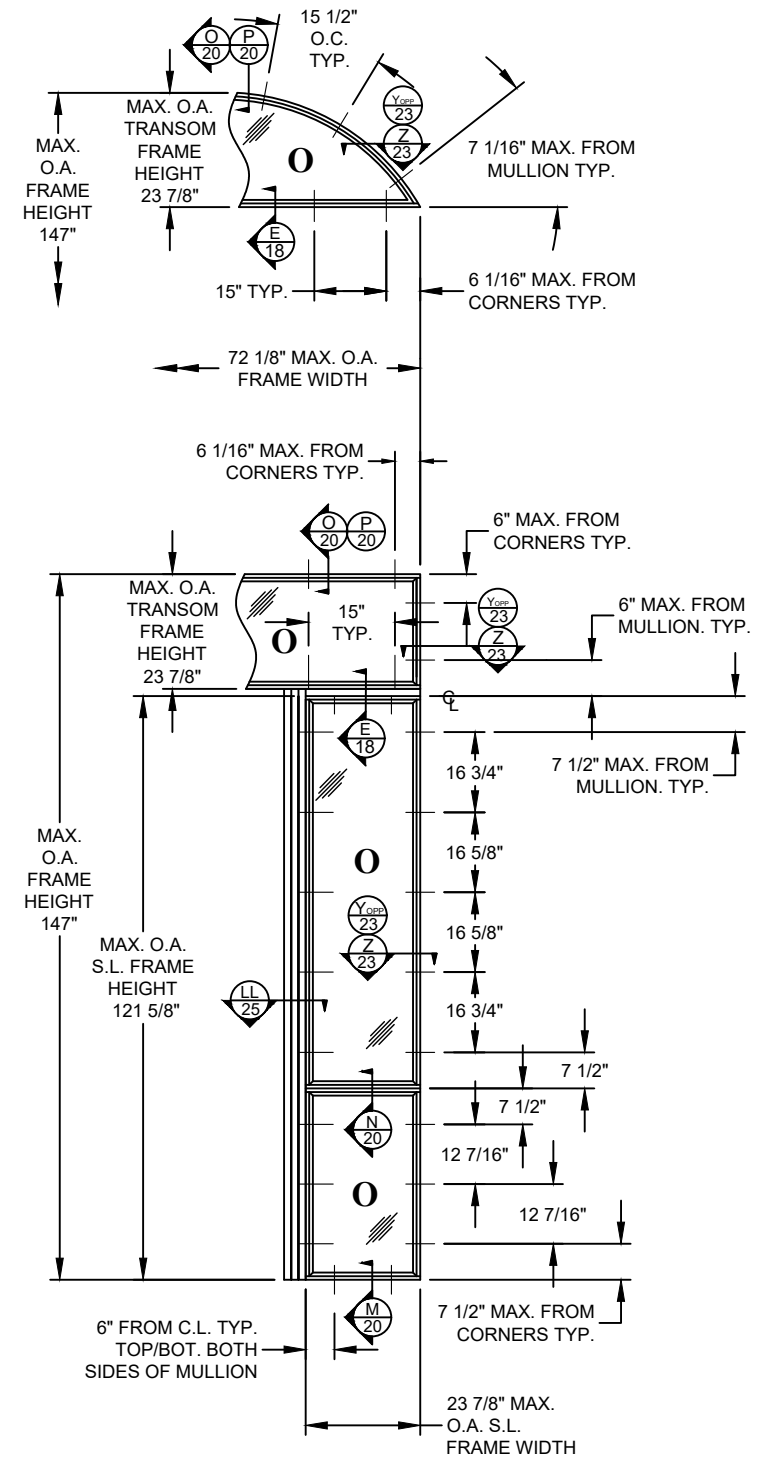


ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SASH SET SIDELITE PANEL W/
GLAZED DIRECT SET SQUARE/RADIUS TOP TRANSOM

FOR SINGLE DOOR
INSWING / OUTSWING
EXTERIOR VIEW

O
XO



ELEVATION & ANCHOR LAYOUT

GLAZED DIRECT SET SIDELITE PANEL W/
GLAZED DIRECT SET SQUARE/RADIUS TOP TRANSOM

FOR SINGLE DOOR
INSWING / OUTSWING
EXTERIOR VIEW

O
XO

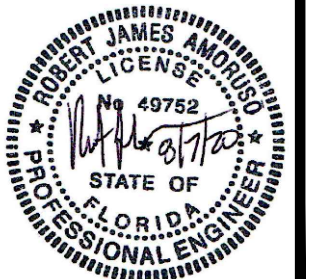
PROJECT #419-0909

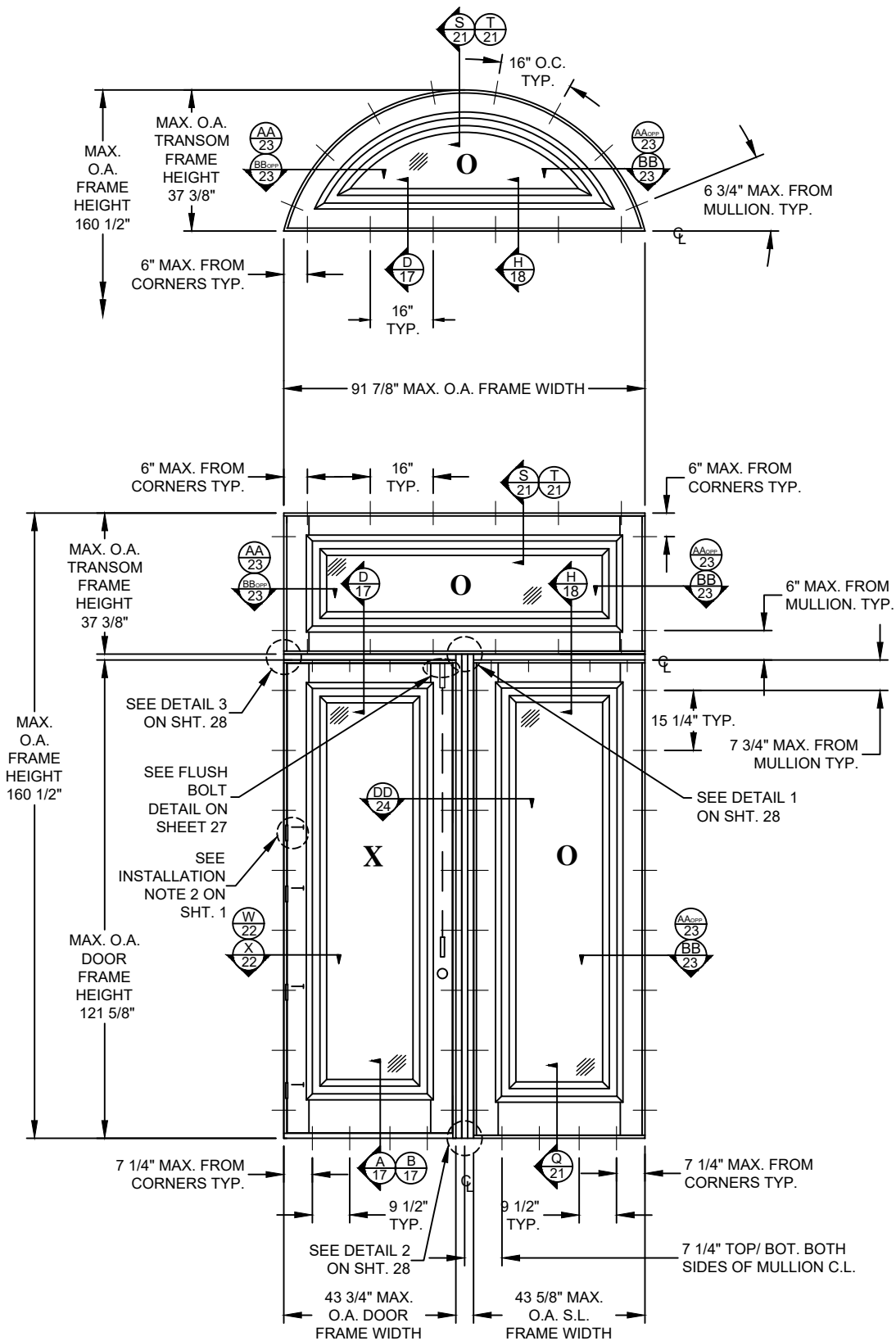
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM
ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY: RJA
DATE: 8/7/20
DRAWING NO.: RW0059
SCALE: N.T.S.
REV: ---
SHEET: 8 OF 29

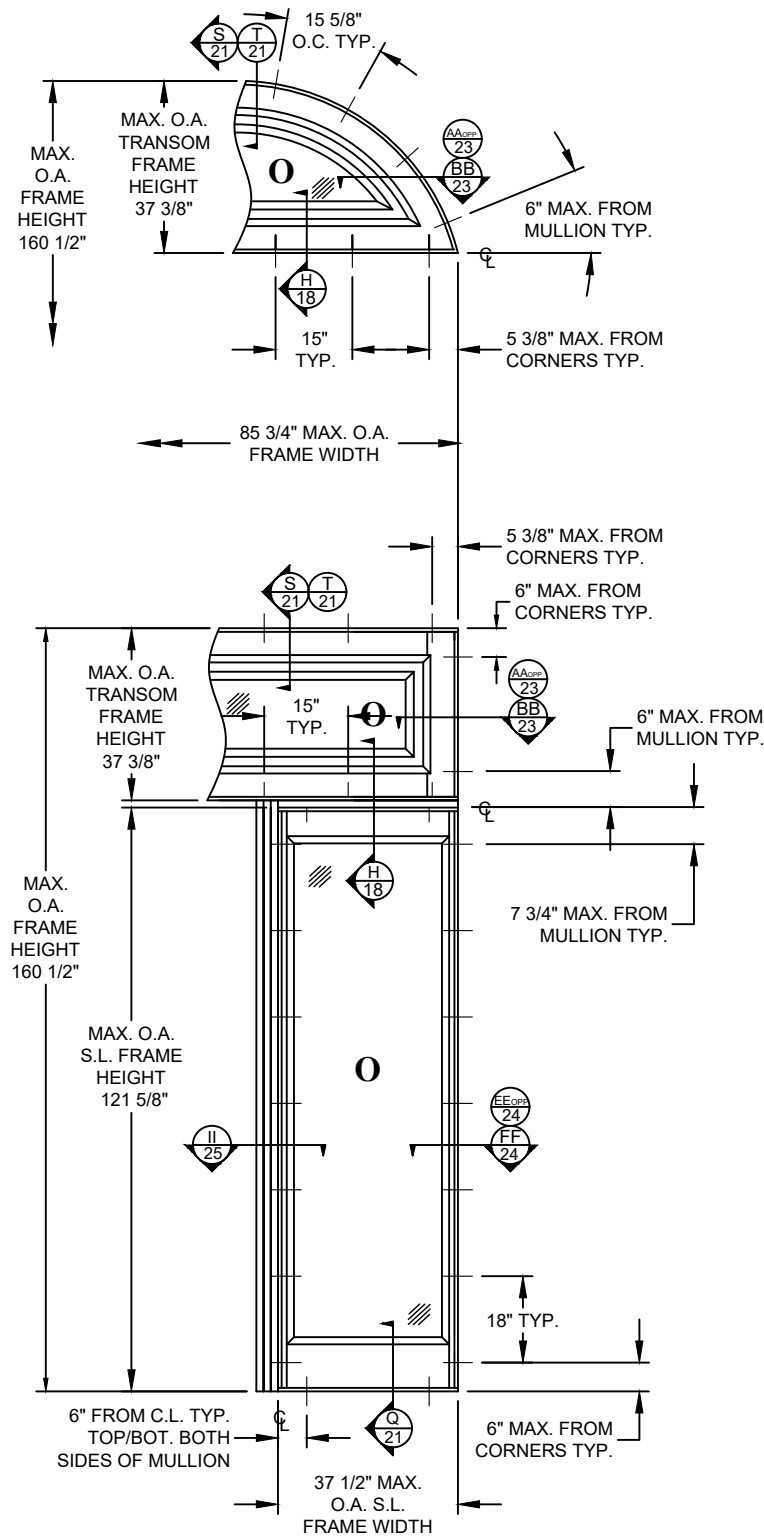
Robert J. Amoroso, P.E.
Florida P.E. No. 49752





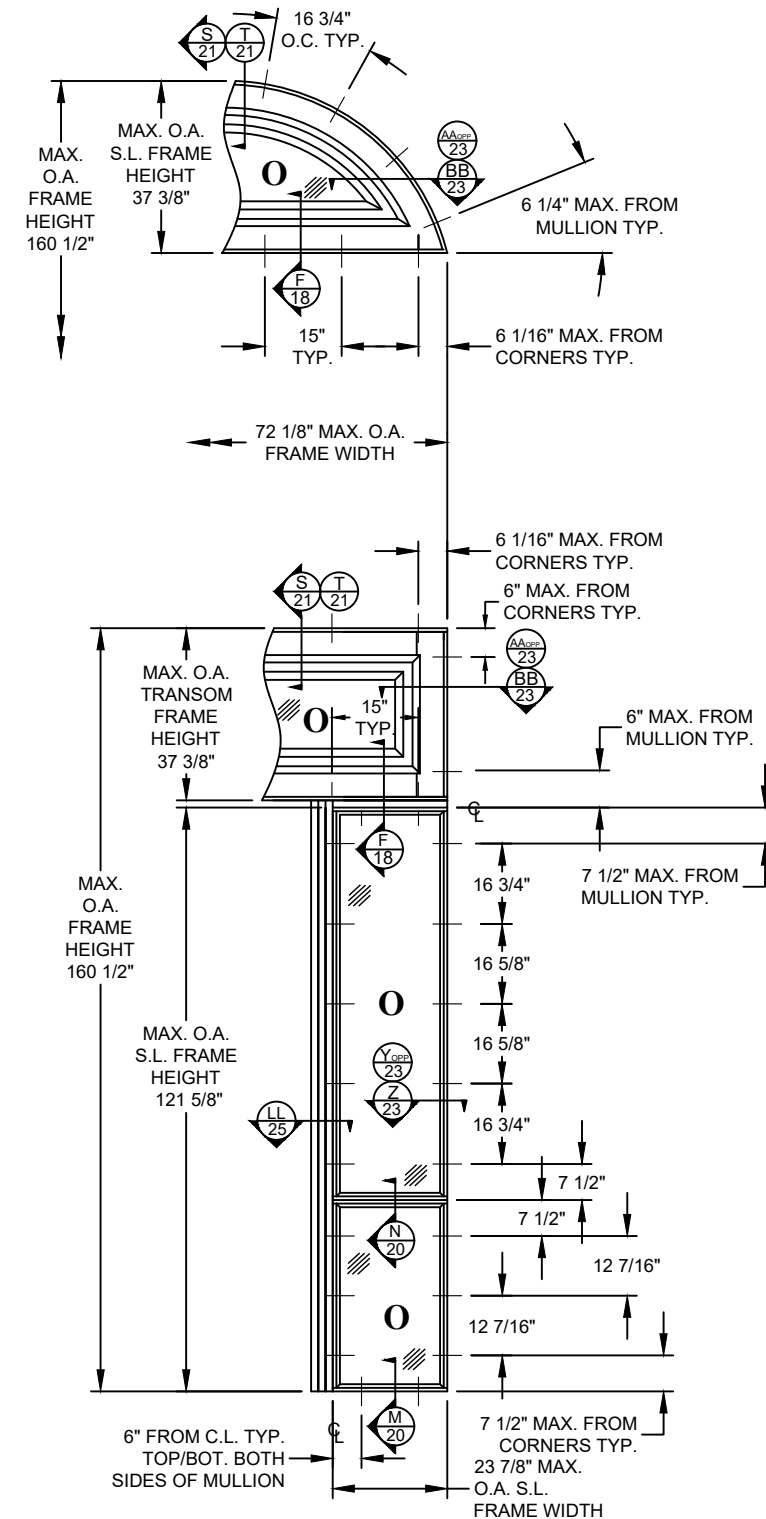
ELEVATION & ANCHOR LAYOUT
GLAZED/OPAQUE SINGLE DOOR W/ GLAZED PANEL INSERT SIDELITE
& GLAZED PANEL INSERT SQUARE/RADIUS TOP TRANSOM
INSWING / OUTSWING
EXTERIOR VIEW

O
XO



ELEVATION & ANCHOR LAYOUT
GLAZED/OPAQUE SASH SET SIDELITE PANEL W/
GLAZED PANEL INSERT SQUARE/RADIUS TOP TRANSOM
FOR SINGLE DOOR
INSWING / OUTSWING
EXTERIOR VIEW

O
XO



ELEVATION & ANCHOR LAYOUT
GLAZED DIRECT SET SIDELITE PANEL W/
GLAZED PANEL INSERT SQUARE/RADIUS TOP TRANSOM
FOR SINGLE DOOR
INSWING / OUTSWING
EXTERIOR VIEW

O
XO

PROJECT #419-0909

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

TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM
ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY:

DRAWN BY: RJA

DATE: 8/7/20

DRAWING NO: RW0059

SCALE: N.T.S.

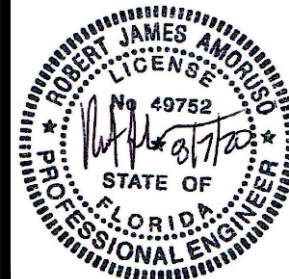
REV: ---

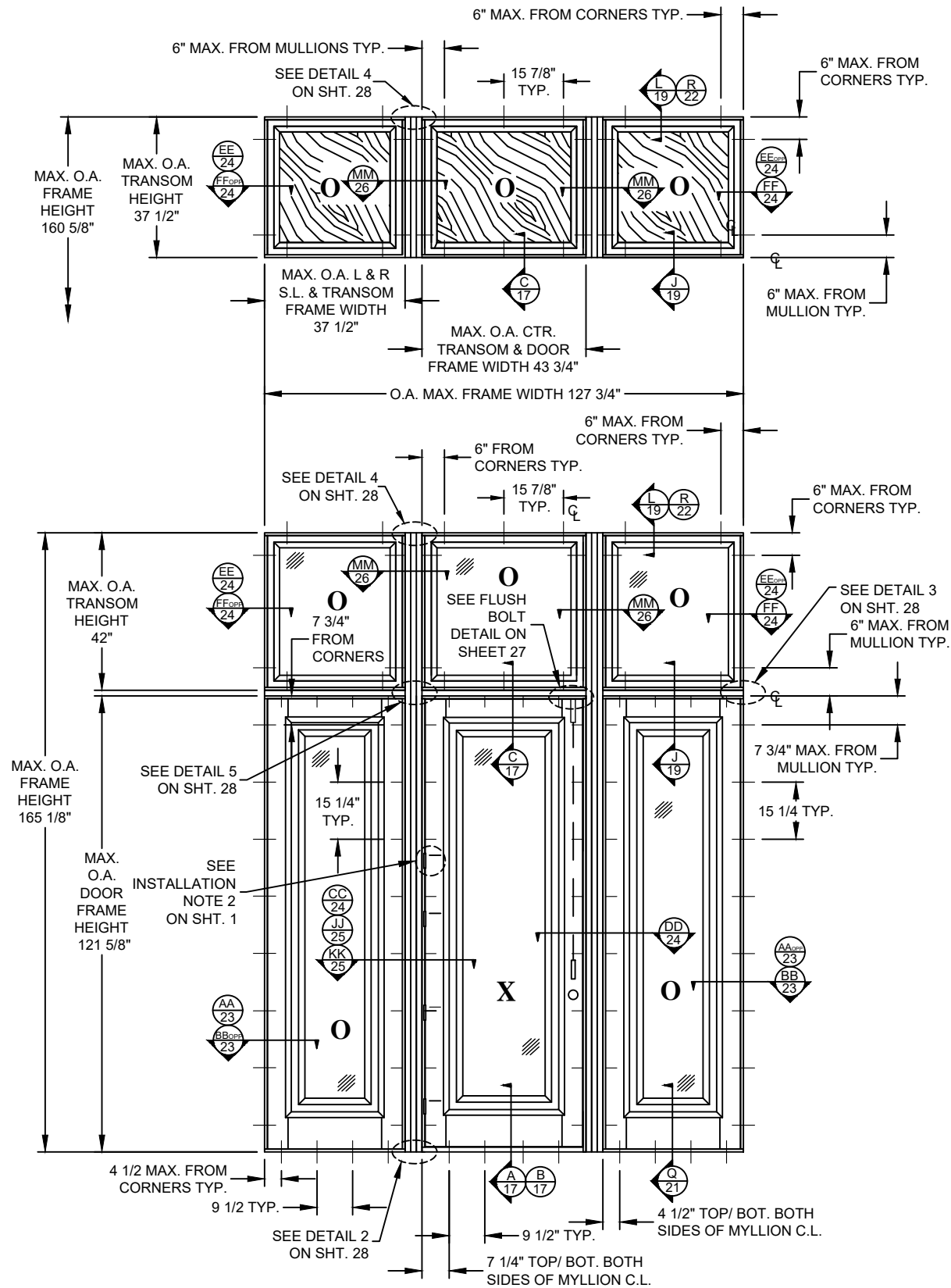
SHEET: 10 OF 29

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

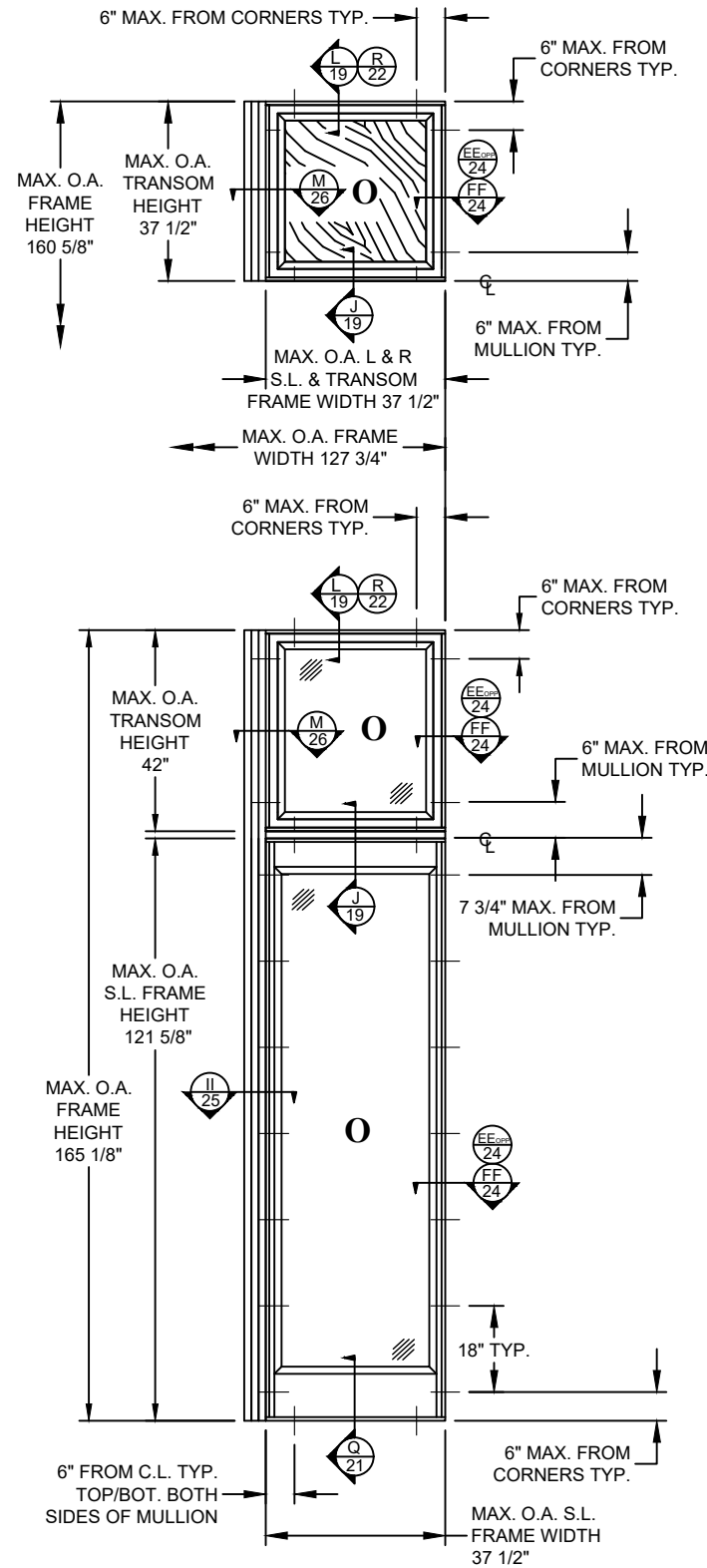




ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SINGLE DOOR W/ GLAZED/OPAQUE SIDELITE PANELS
& GLAZED/OPAQUE SASH SET SQUARE TOP TRANSOMS
INSWING / OUTSWING
EXTERIOR VIEW

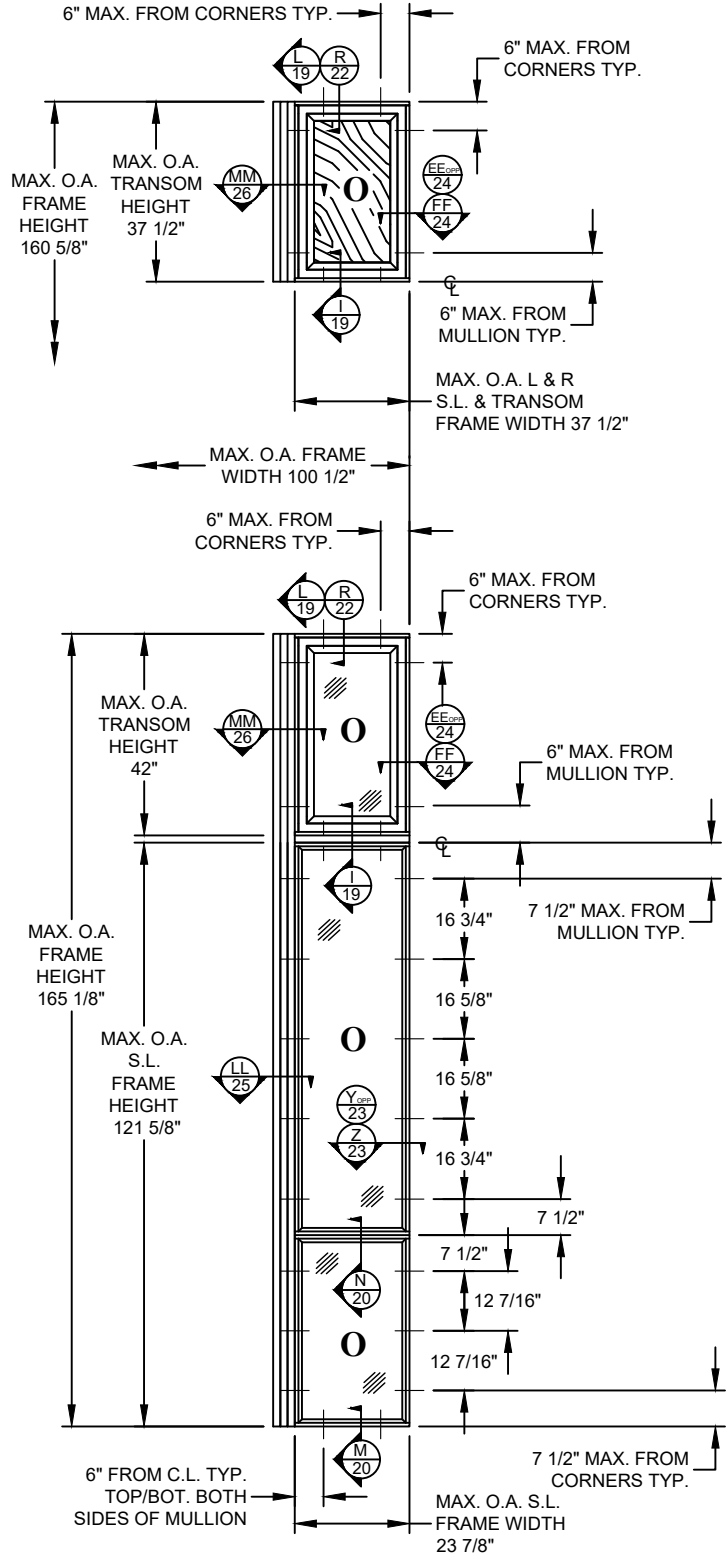
000
OXO



ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SASH SET SIDELITE PANELS
W/ GLAZED/OPAQUE SASH SET SQUARE TOP TRANSOMS
FOR SINGLE DOOR W/ SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW

000
OXO



ELEVATION & ANCHOR LAYOUT

GLAZED DIRECT SET SIDELITE PANELS W/
GLAZED/OPAQUE SASH SET SQUARE TOP TRANSOMS
FOR SINGLE DOOR W/ SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW

000
OXO

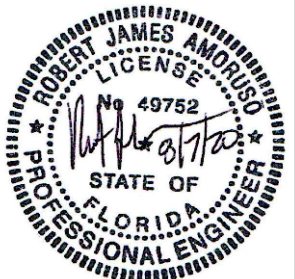
PROJECT #419-0909

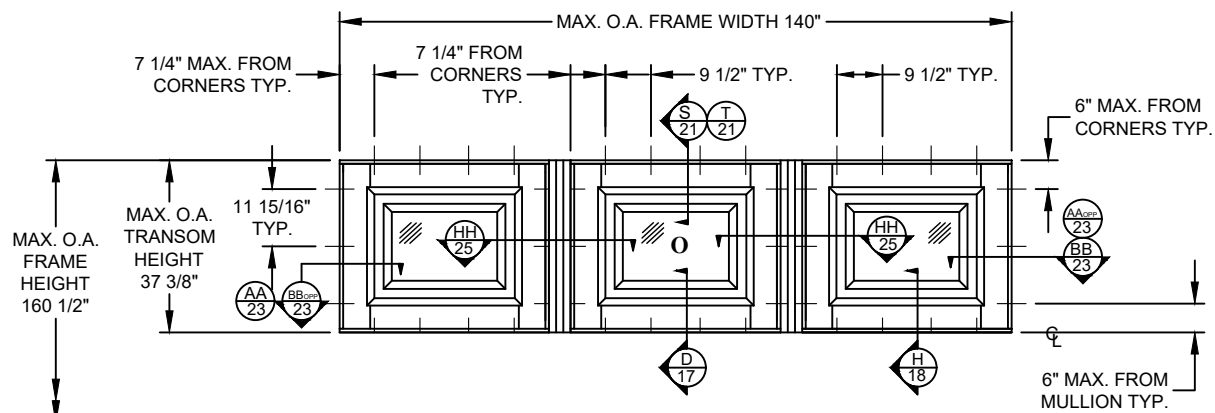
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 1/2\"/>

PREPARED BY: ELEVATIONS & ANCHOR LAYOUTS
DRAWN BY: RJA
DATE: 8/7/20
SCALE: N.T.S.
DRAWING NO: RW0059
SHEET: 11 OF 29
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

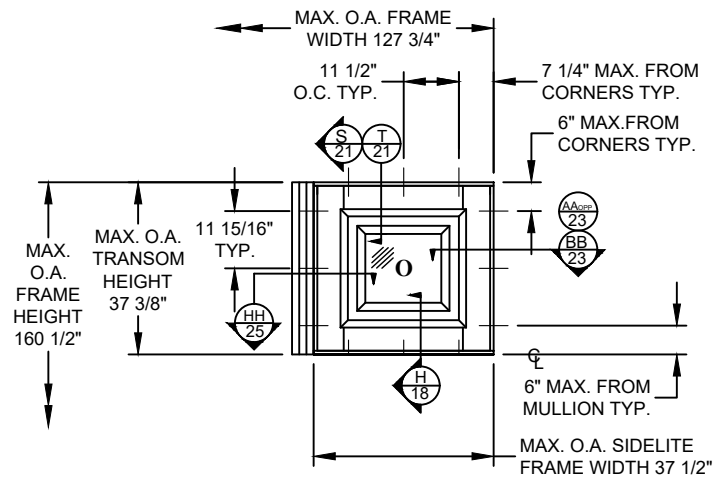
Robert J. Amoroso, P.E.
Florida P.E. No. 49752





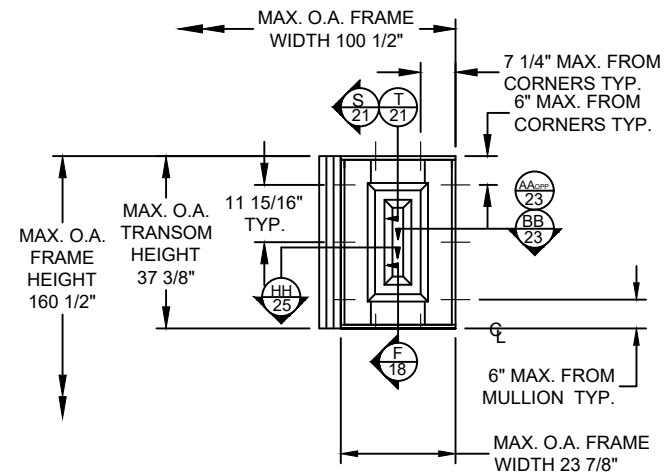
ELEVATION & ANCHOR LAYOUT

GLAZED PANEL INSERT SQUARE TRANSOMS FOR
GLAZED/OPAQUE SINGLE DOOR W/ GLAZED/OPAQUE SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW
OOO
OXO



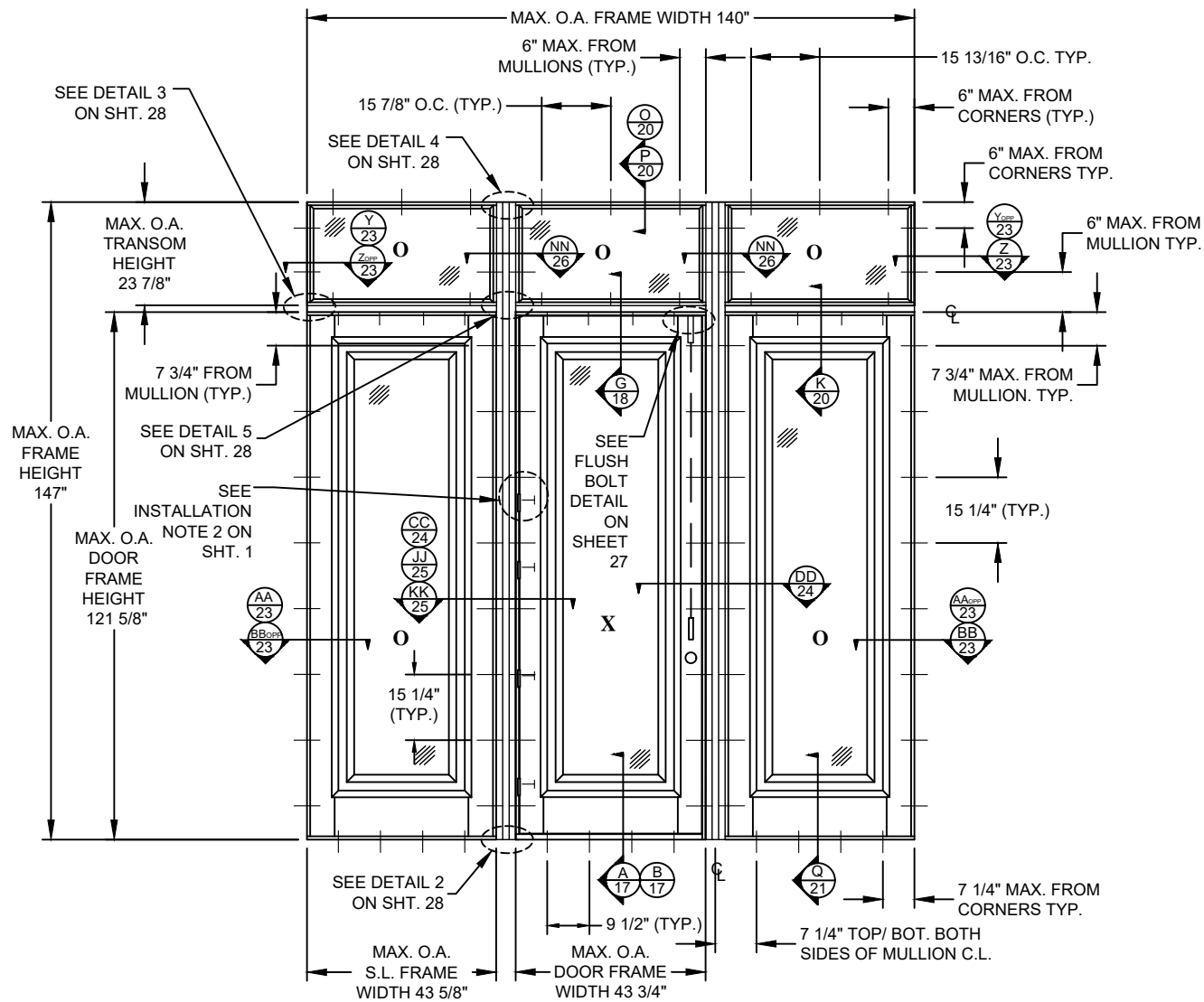
ELEVATION & ANCHOR LAYOUT

GLAZED PANEL INSERT SQUARE TRANSOMS FOR
GLAZED/OPAQUE SINGLE DOOR W/ GLAZED/OPAQUE SASH SET SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW
OOO
OXO



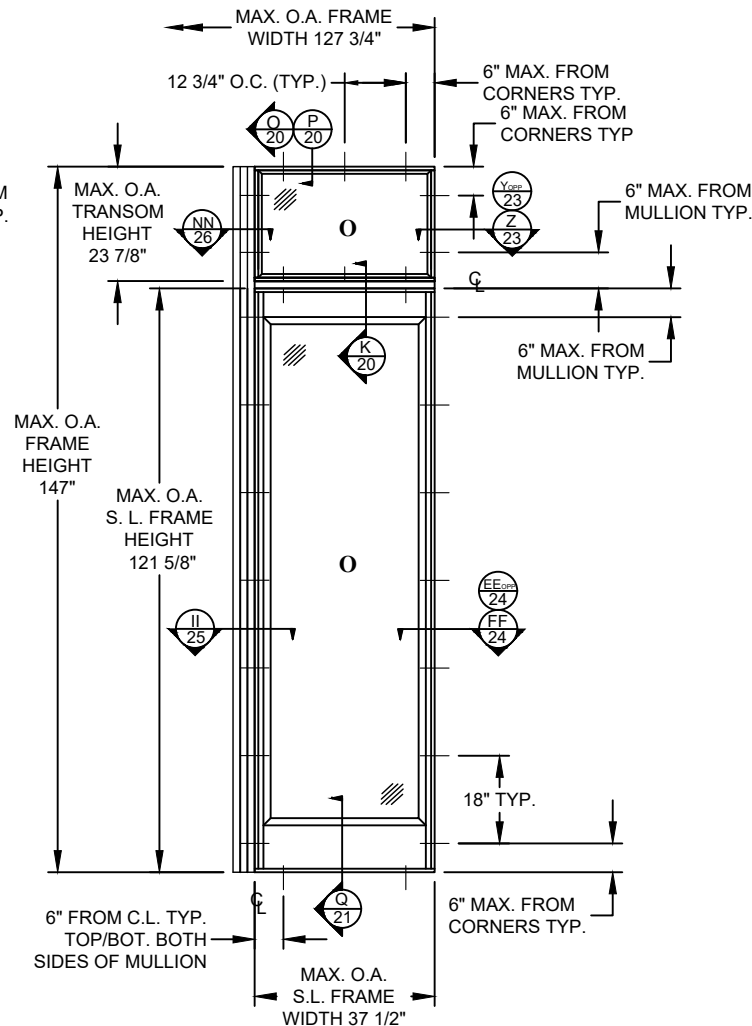
ELEVATION & ANCHOR LAYOUT

GLAZED PANEL INSERT SQUARE TRANSOMS FOR
GLAZED/OPAQUE SINGLE DOOR W/ GLAZED DIRECT SET
SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW
OOO
OXO



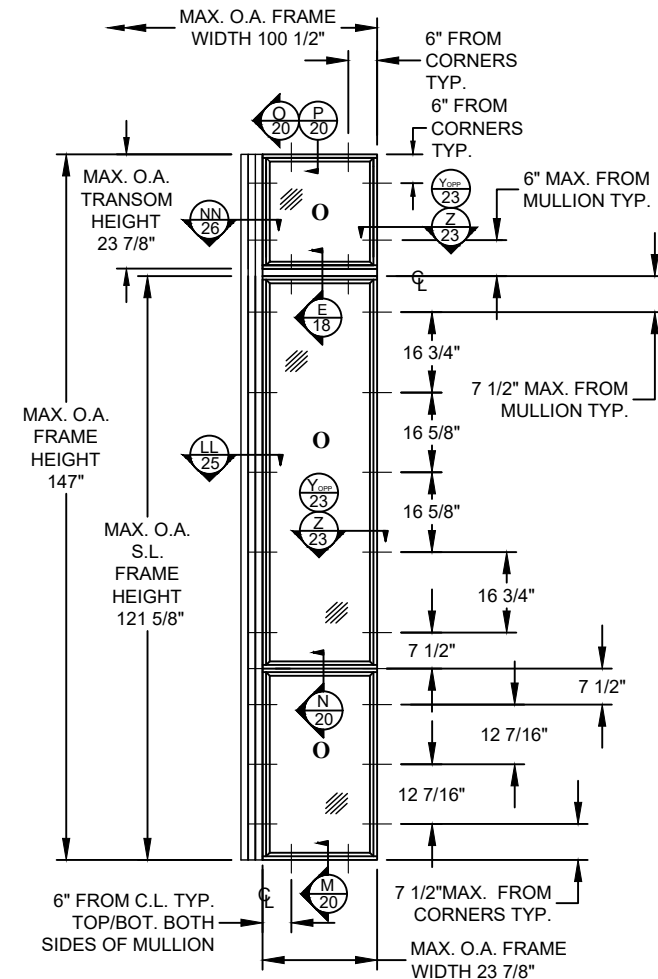
ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SINGLE DOOR W/ GLAZED/OPAQUE SIDELITE PANELS
& GLAZED DIRECT SET SQUARE TOP TRANSOMS
INSWING / OUTSWING
EXTERIOR VIEW
OOO
OXO



ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SASH SET SIDELITE PANELS W/
GLAZED DIRECT SET SQUARE TOP TRANSOMS
FOR SINGLE DOOR W/ SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW
OOO
OXO



ELEVATION & ANCHOR LAYOUT

GLAZED DIRECT SET SIDELITE PANELS
W/ GLAZED DIRECT SET SQUARE TOP TRANSOMS
FOR SINGLE DOOR W/ SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW
OOO
OXO

PROJECT #419-0909

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

TITLE: 2 1/4\"/>

PREPARED BY: ELEVATIONS & ANCHOR LAYOUTS

DRAWN BY: RJA

SCALE: N.T.S.

REV: ---

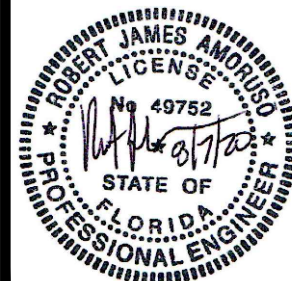
DATE: 8/7/20

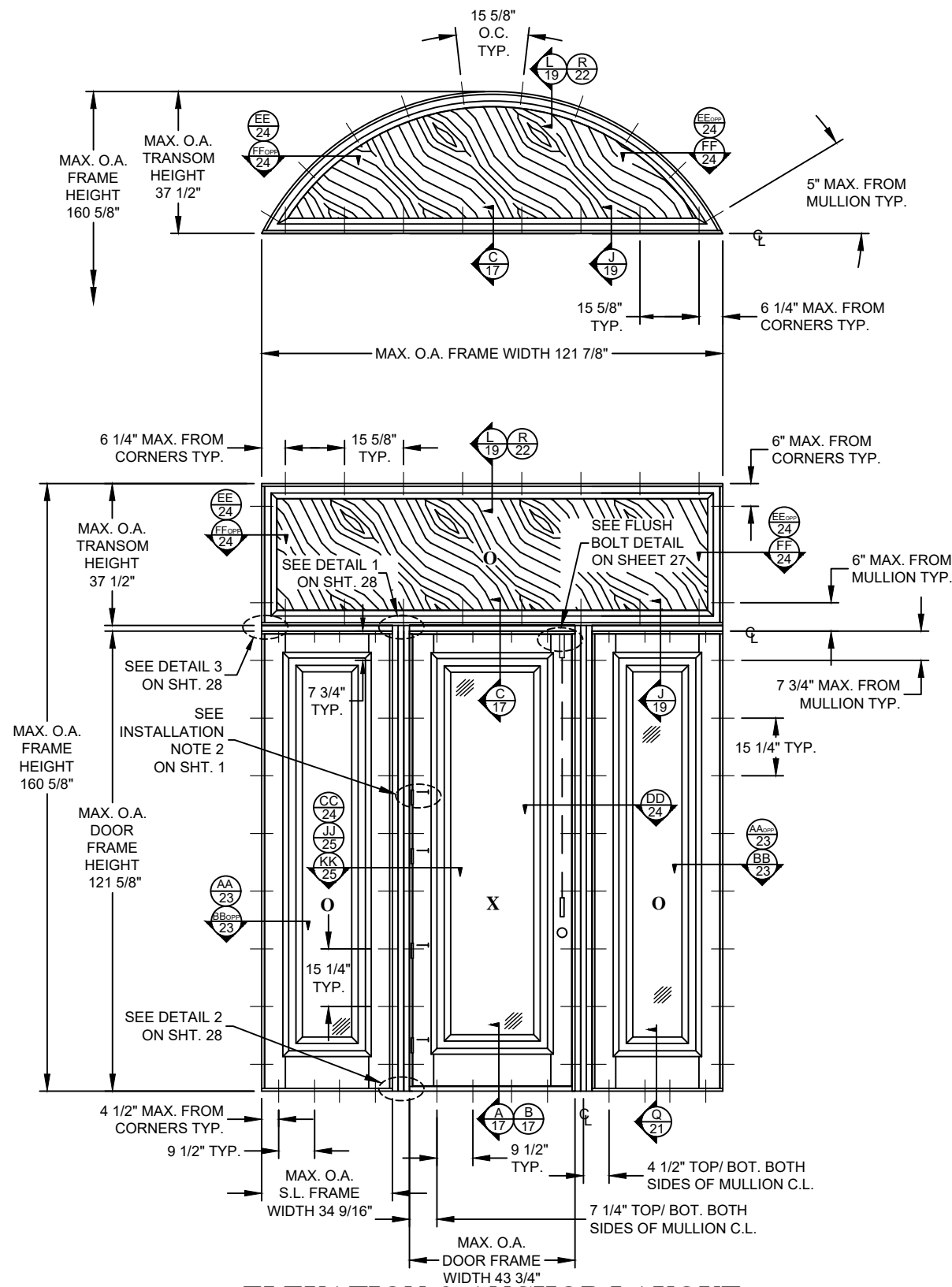
DRAWING NO: RW0059

SHEET: 12 OF 29

DESCRIPTION
REV
DATE
BY

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

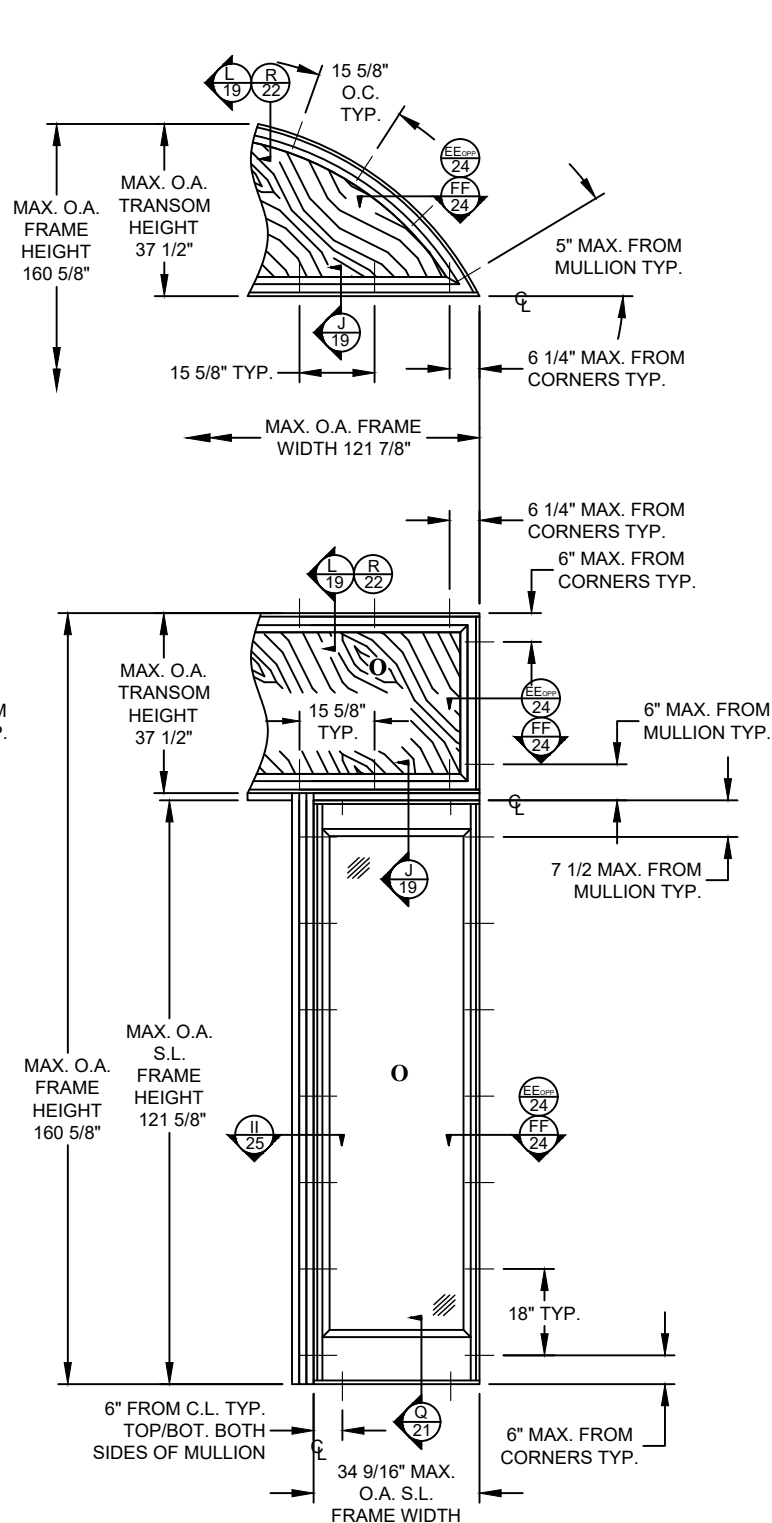




ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SINGLE DOOR W/ GLAZED/OPAQUE SIDELITE PANELS
& GLAZED/OPAQUE SASH SET SQUARE/RADIUS TOP TRANSOM
INSWING / OUTSWING
EXTERIOR VIEW

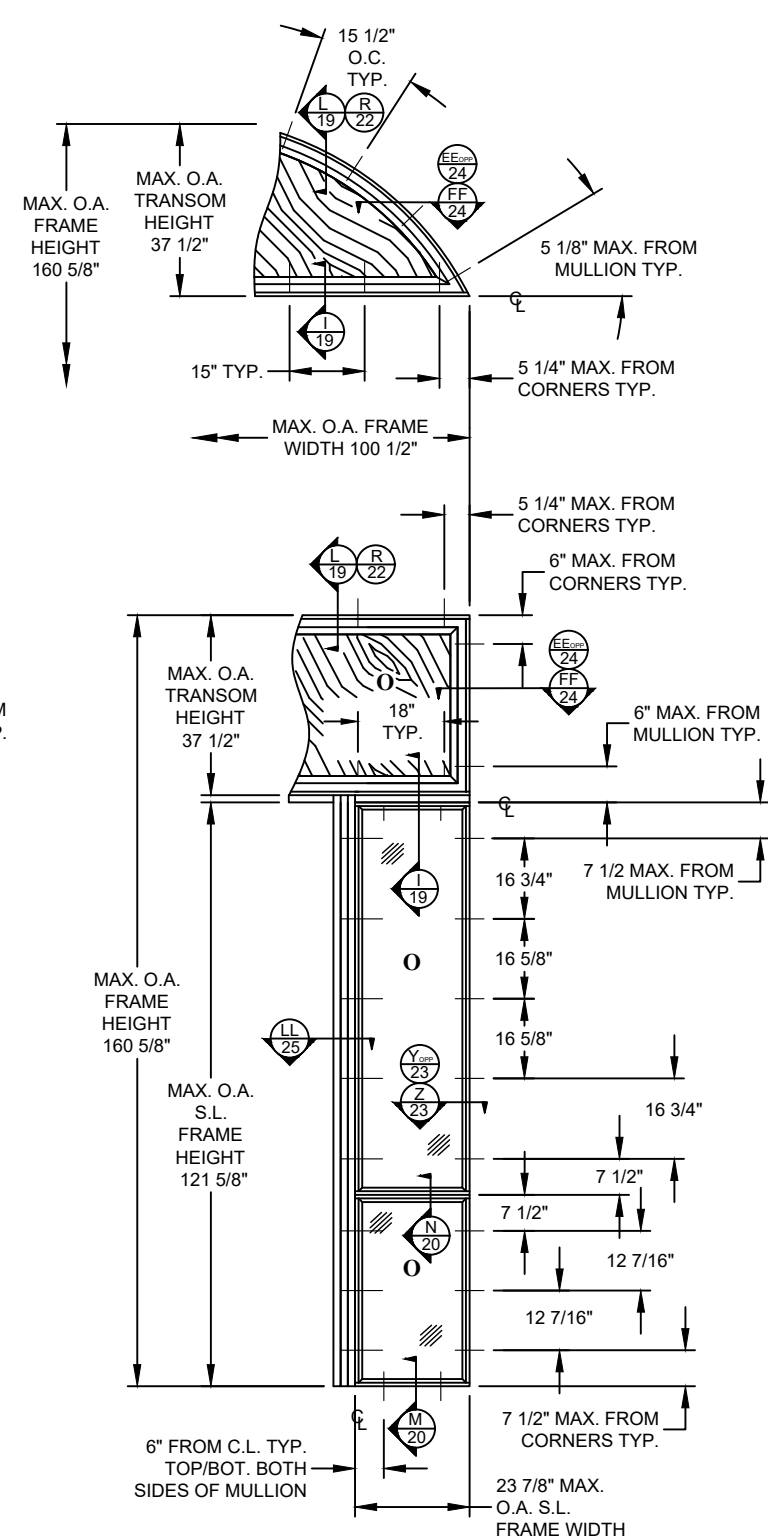
OXO



ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SASH SET SIDELITE PANELS
W/ GLAZED/OPAQUE SASH SET SQUARE/RADIUS TOP TRANSOM
FOR SINGLE DOOR W/ SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW

OXO



ELEVATION & ANCHOR LAYOUT

GLAZED DIRECT SET SIDELITE PANELS
W/ GLAZED/OPAQUE SASH SET SQUARE/RADIUS TOP TRANSOM
FOR SINGLE DOOR W/ SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW

OXO

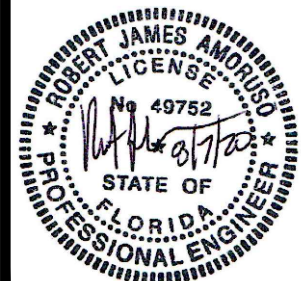
PROJECT #419-0909

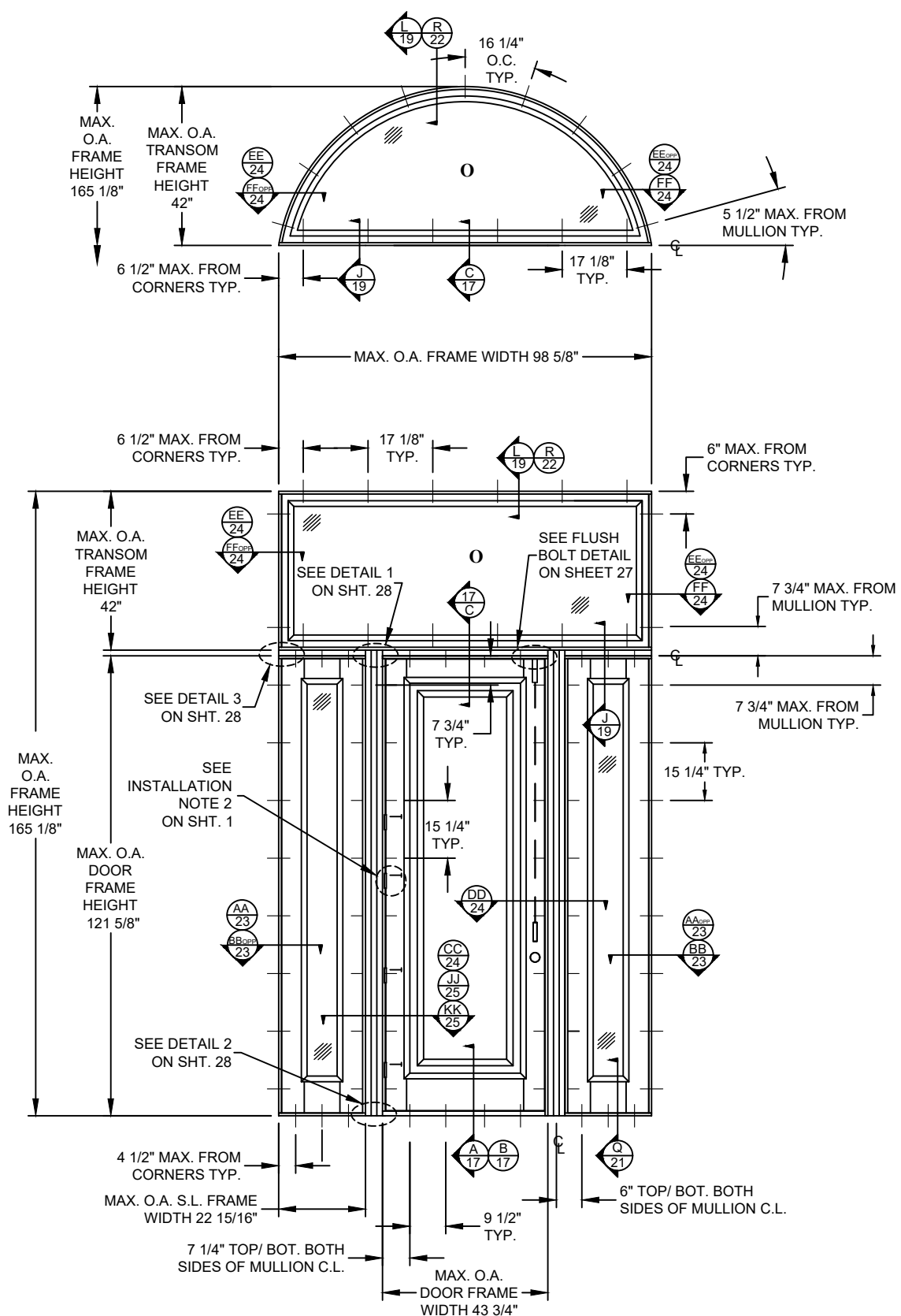
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM
ELEVATIONS & ANCHOR LAYOUTS

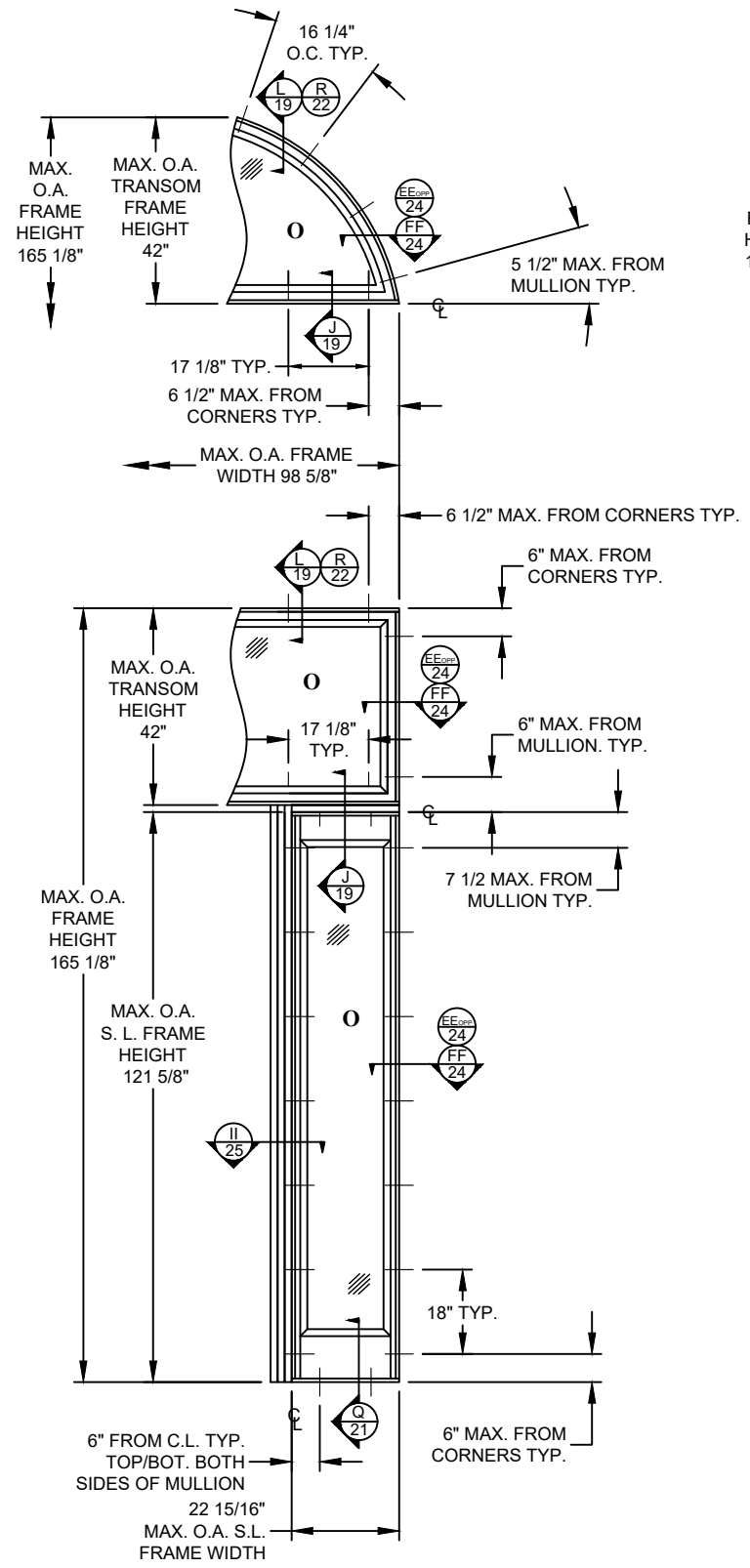
PREPARED BY: RJA
DATE: 8/7/20
DRAWING NO: RW0059
SCALE: N.T.S.
REV: ---
SHEET: 13 OF 29

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

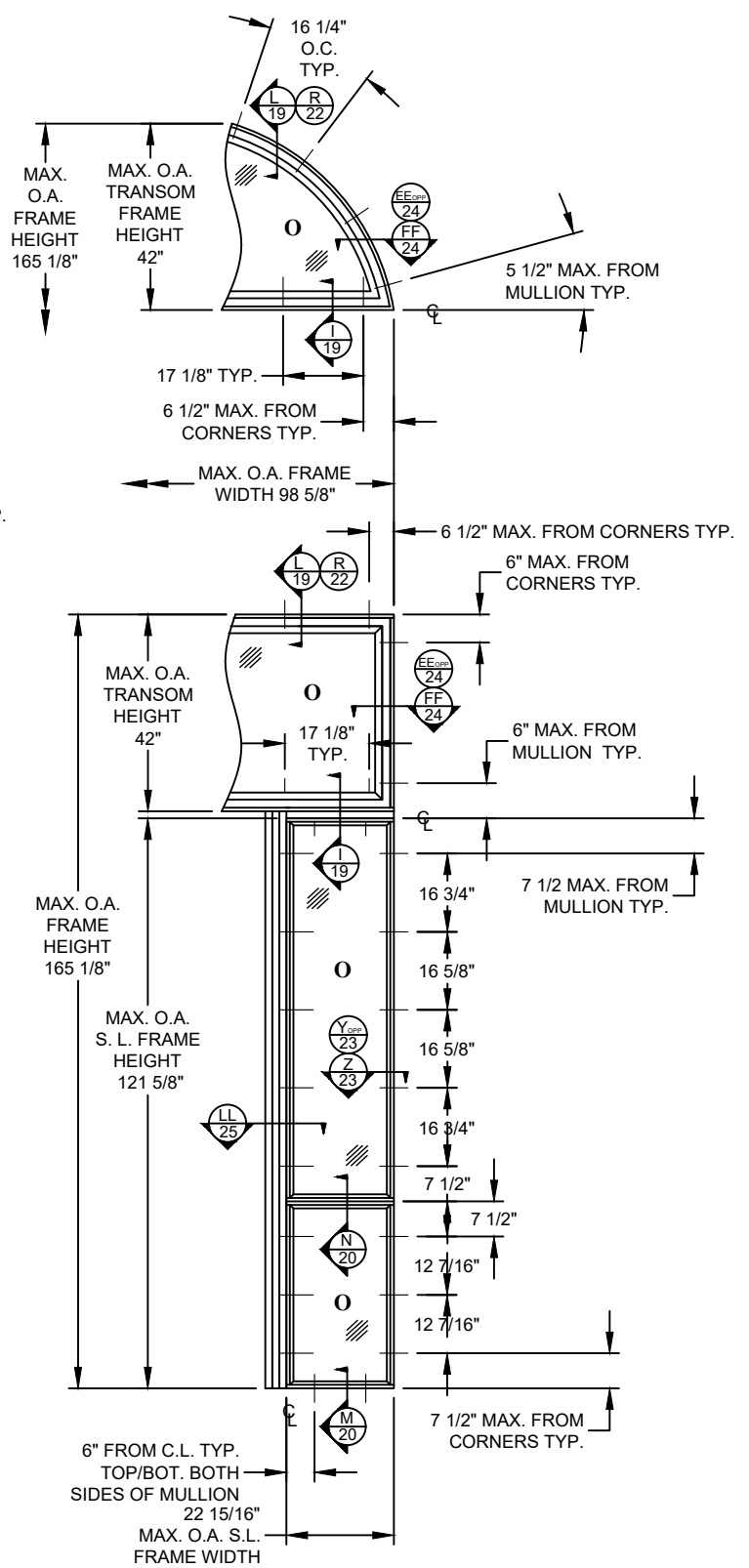




ELEVATION & ANCHOR LAYOUT
GLAZED/OPAQUE SINGLE DOOR W/ GLAZED/OPAQUE SIDELITE PANELS
& GLAZED SASH SET ALTERNATE SQUARE/RADIUS TOP TRANSOM
INSWING / OUTSWING
EXTERIOR VIEW 



ELEVATION & ANCHOR LAYOUT
GLAZED/OPAQUE SASH SET SIDELITE PANELS W/
GLAZED SASH SET ALTERNATE SQUARE/RADIUS TOP TRANSOM
FOR SINGLE DOOR W/ SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW 



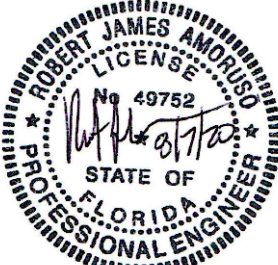
ELEVATION & ANCHOR LAYOUT
GLAZED DIRECT SET SIDELITE PANELS
W/ GLAZED DIRECT SET SQUARE/RADIUS TOP TRANSOM
FOR SINGLE DOOR W/ SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW 

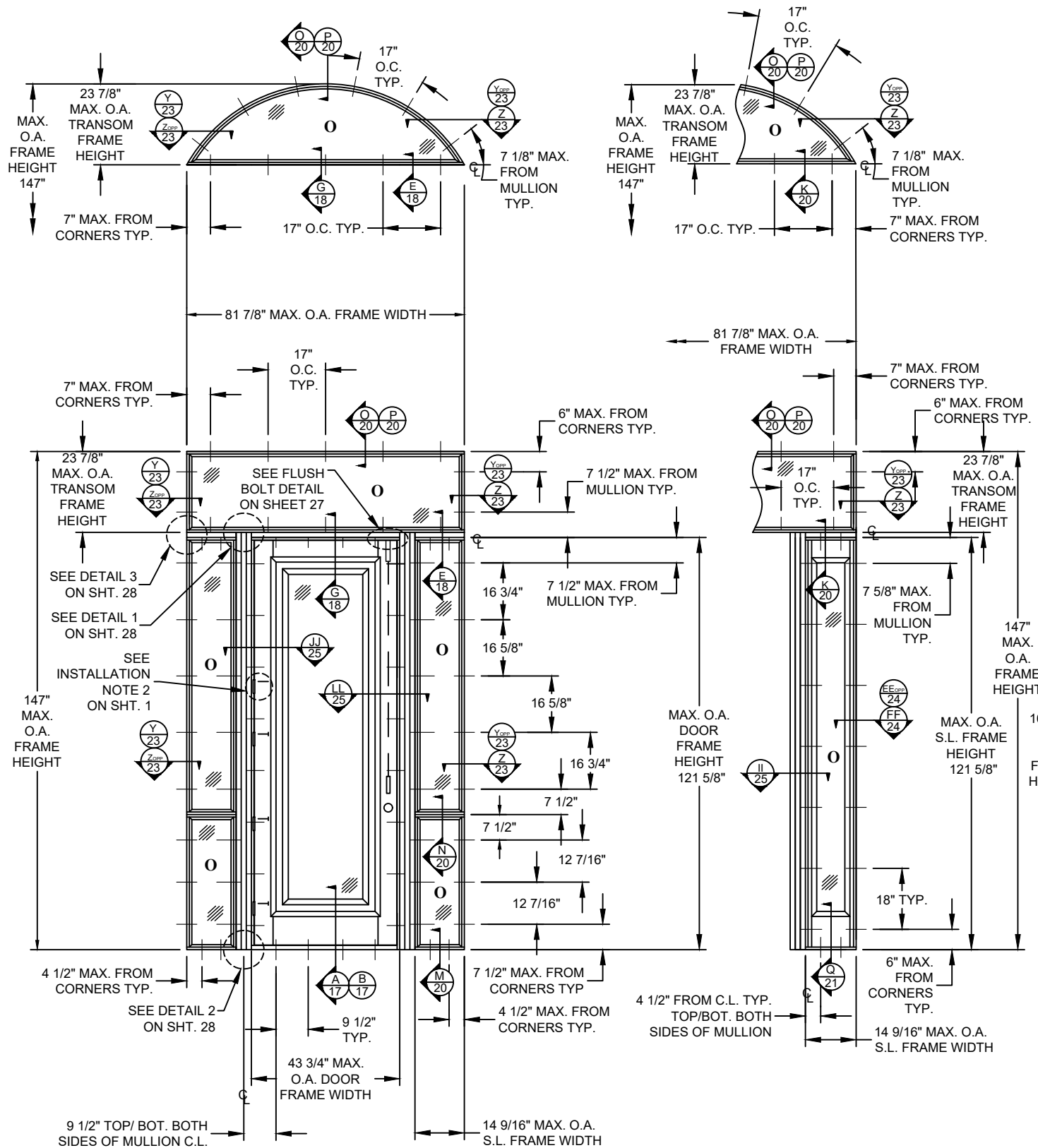
PROJECT #419-0909		DATE		BY	
DESCRIPTION		REV			

Real Woods Inc. 1230 N. East Ave Sarasota, FL 34237		DATE: 8/7/20		DRAWING NO: RW0059	
TITLE: 1/2\"/>		SCALE: N.T.S.		SHEET: 14 OF 29	

PREPARED BY: 		PFC PRODUCT DESIGN GROUP, LLC PO BOX 63077 LONGWOOD, FLORIDA 32762 FBPE C.A. NO. 25935	
DRAWN BY: RJA		REV: ---	
DATE: 8/7/20		REV: ---	

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

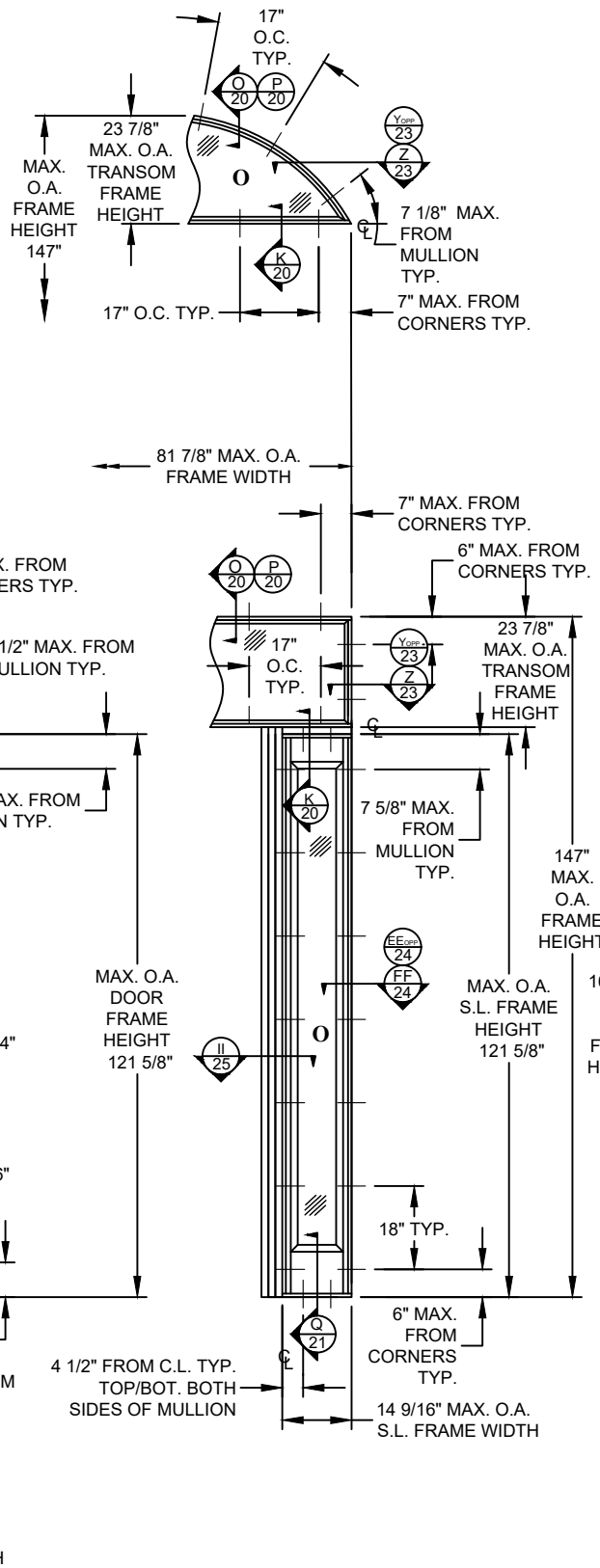




ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SINGLE DOOR W/ GLAZED DIRECT SET SIDELITE PANELS
& GLAZED DIRECT SET SQUARE/RADIUS TOP TRANSOM
INSWING / OUTSWING
EXTERIOR VIEW

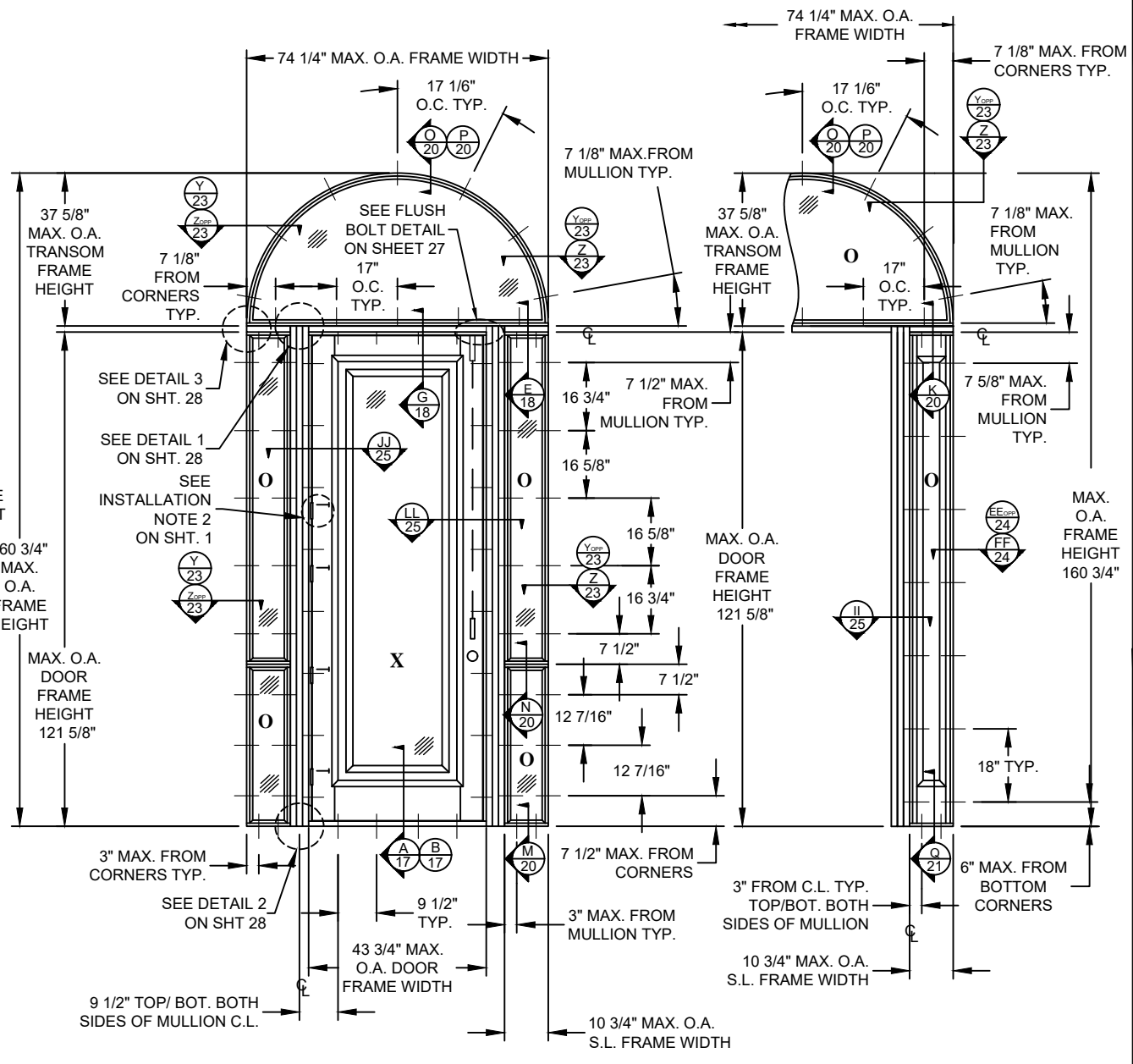
OXO



ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SASH SET SIDELITE PANELS W/
GLAZED DIRECT SET SQUARE/RADIUS TOP TRANSOMS
FOR SINGLE DOOR W/ SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW

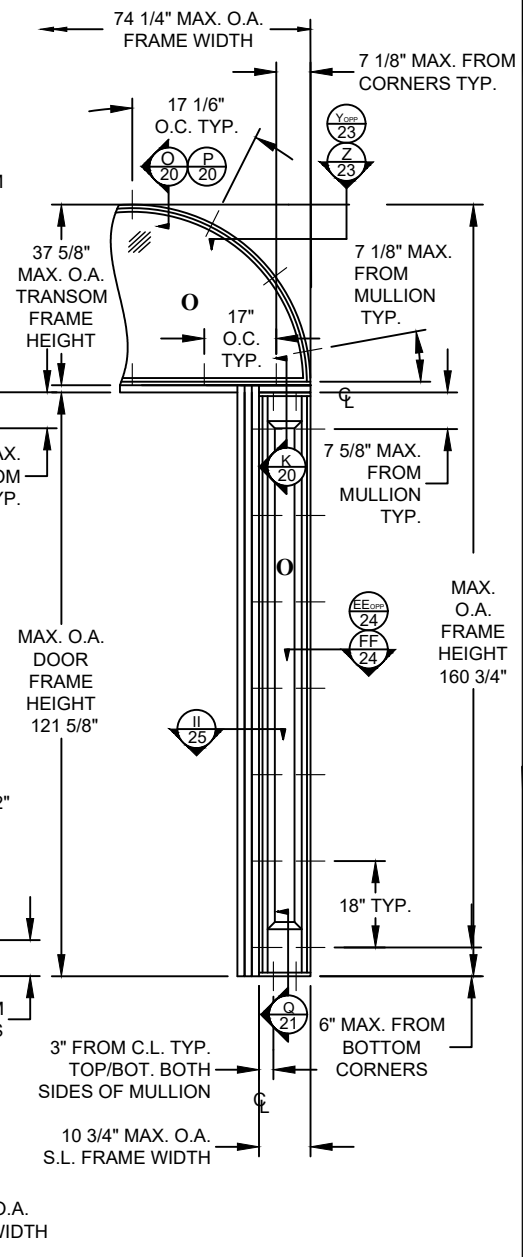
OXO



ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SINGLE DOOR W/
GLAZED DIRECT SET SIDELITE PANELS &
GLAZED DIRECT SET ALTERNATE RADIUS TOP TRANSOM
INSWING / OUTSWING
EXTERIOR VIEW

OXO



ELEVATION & ANCHOR LAYOUT

GLAZED/OPAQUE SASH SET SIDELITE PANELS W/
GLAZED DIRECT SET ALTERNATE RADIUS TOP TRANSOM
FOR SINGLE DOOR W SIDELITES
INSWING / OUTSWING
EXTERIOR VIEW

OXO

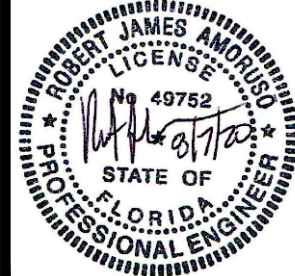
PROJECT #419-0909

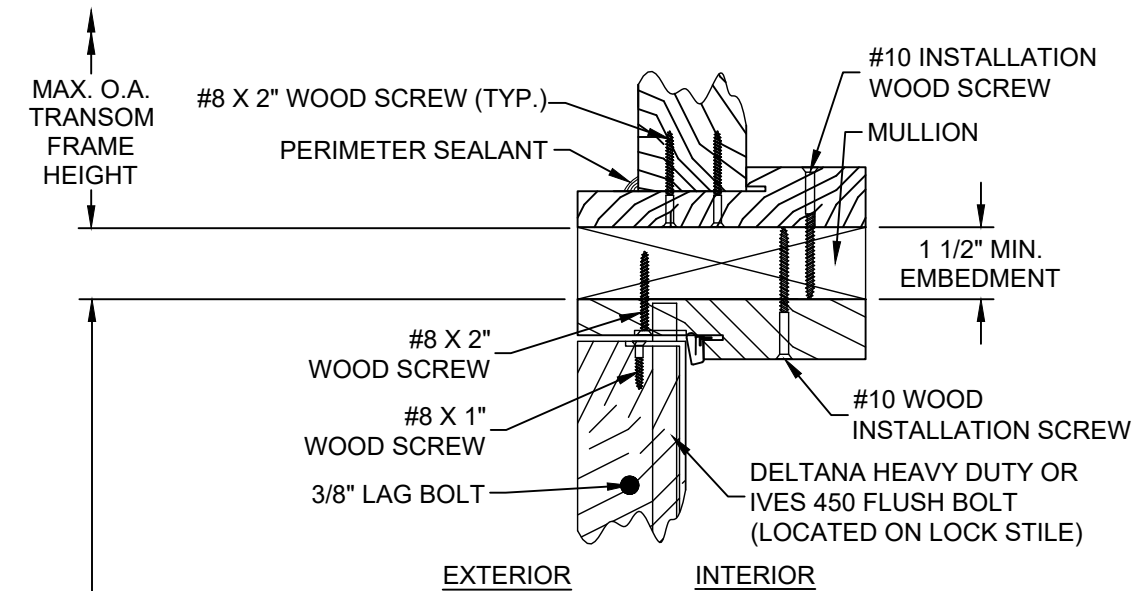
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/4\"/>

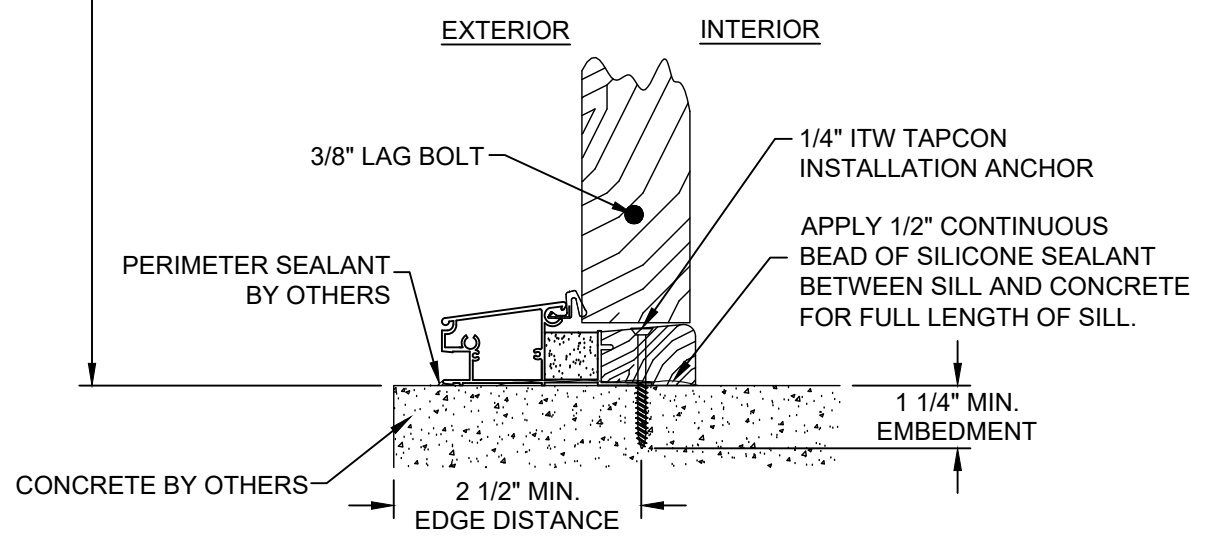
PREPARED BY: RJA
DRAWN BY: RJA
DATE: 8/7/20
SCALE: N.T.S.
DRAWING NO: RW0059
SHEET: 15 OF 29

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



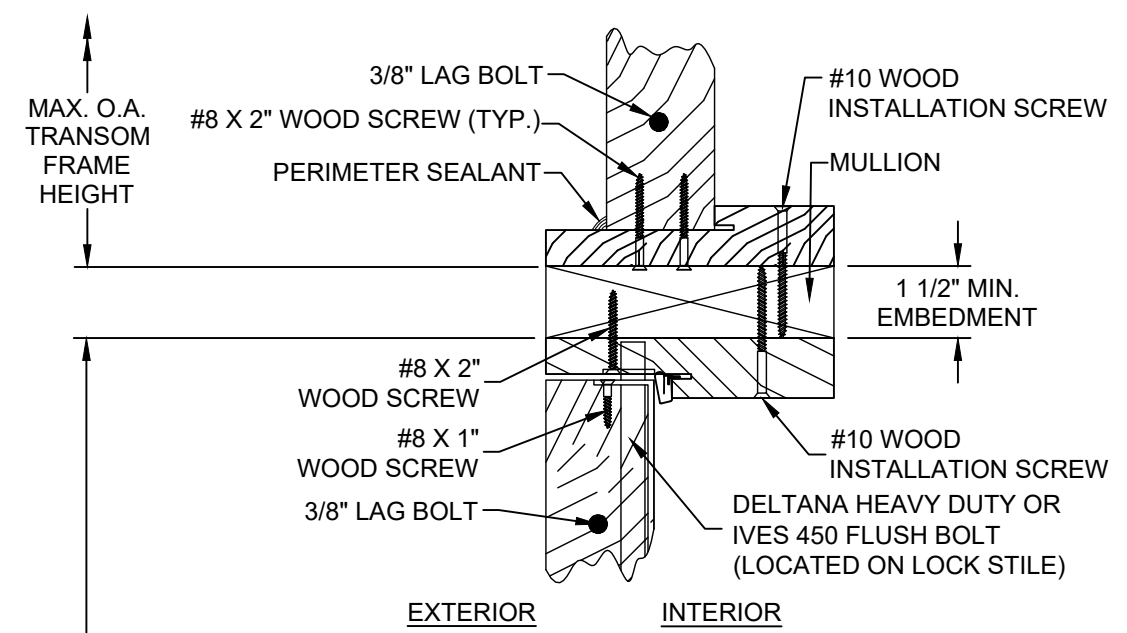


C **VERTICAL SECTION**
GLAZED/OPAQUE DOOR PANEL AT HEAD &
GLAZED/OPAQUE TRANSOM SILL AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 1, 2, 3 & 9 FOR
APPROPRIATE DOOR PANELS &
SHEET 3 SECTIONS 7 & 8 FOR
APPROPRIATE TRANSOM PANELS)

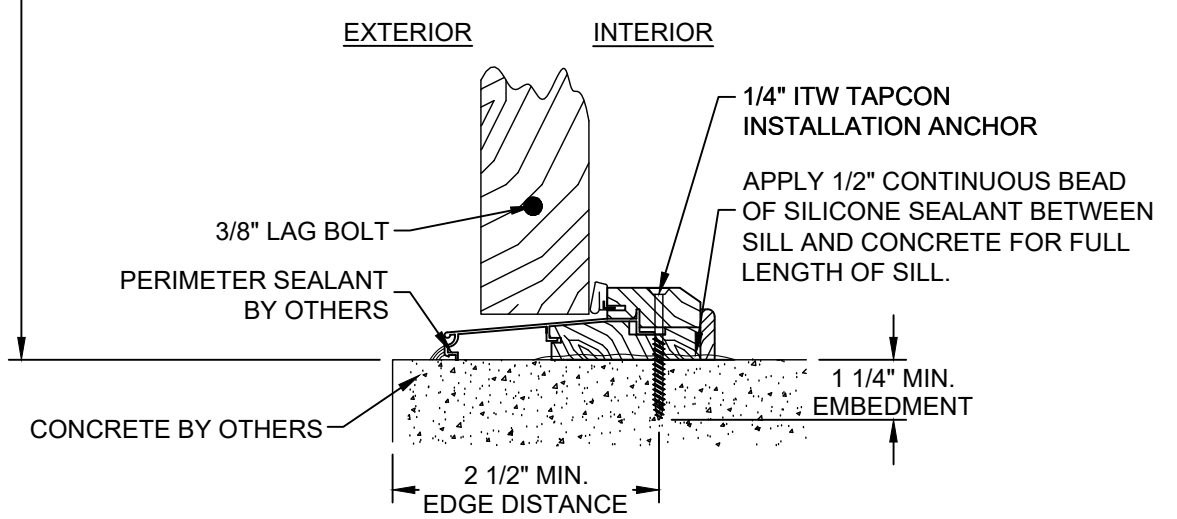


(OPTIONAL A.D.A. THRESHOLD W/ 36" X 96"
MAX. O.A. DOOR PANELS @ ±50.0 PSF D.P.)

A **VERTICAL SECTION**
GLAZED/OPAQUE DOOR PANEL AT SILL
CONCRETE SUBSTRATE
INSWING
(SEE SHEET 3 SECTIONS 1, 2, 3 & 9 FOR
APPROPRIATE DOOR PANELS)



D **VERTICAL SECTION**
GLAZED/OPAQUE DOOR PANEL AT HEAD &
GLAZED TRANSOM SILL AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 1, 2, 3 & 9 FOR
APPROPRIATE DOOR PANELS &
SHEET 3 SECTION 2 FOR
APPROPRIATE TRANSOM PANEL)



(OPTIONAL A.D.A. THRESHOLD W/ 36" X 96"
MAX. O.A. DOOR PANELS @ ±50.0 PSF D.P.)

B **VERTICAL SECTION**
GLAZED/OPAQUE DOOR PANEL AT SILL
CONCRETE SUBSTRATE
OUTSWING
(SEE SHEET 3 SECTIONS 1, 2, 3 & 9 FOR
APPROPRIATE DOOR PANELS)

PROJECT #419-0909

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

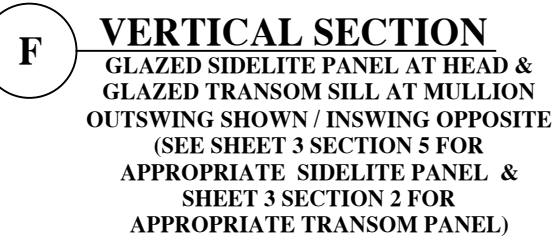
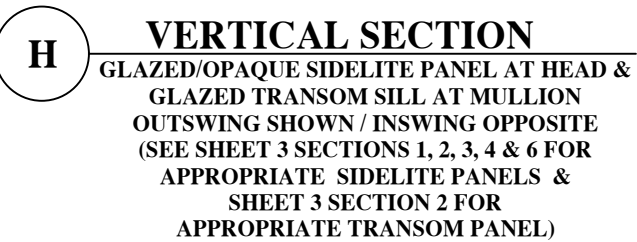
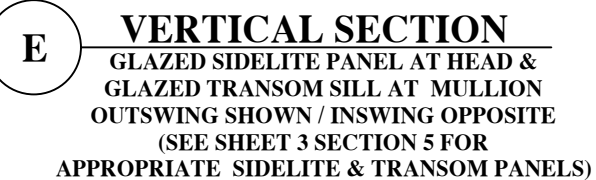
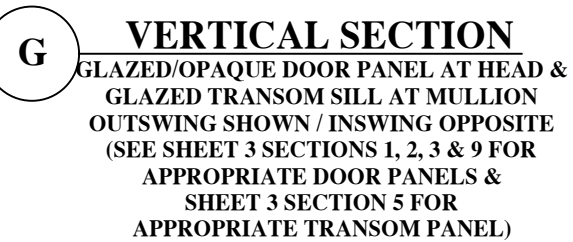
TITLE: 2 1/4" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM
VERTICAL SECTIONS

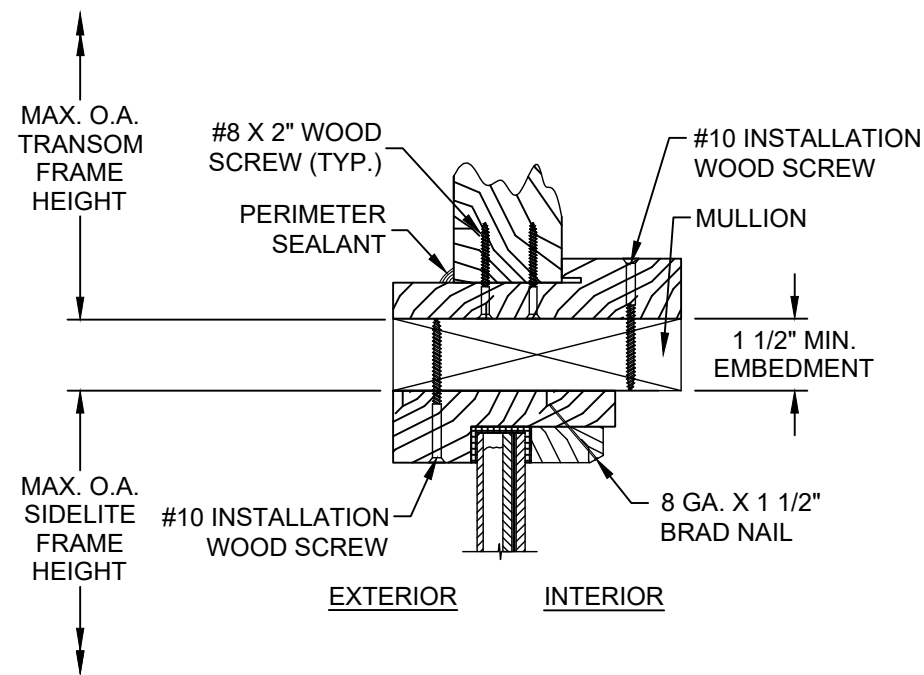
PREPARED BY:	DRAWN BY:	DATE:	DRAWING NO.:	SHEET:
	RJA	8/7/20	RW0059	17 OF 29
	SCALE:			
	N.T.S.			
	REV:			

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

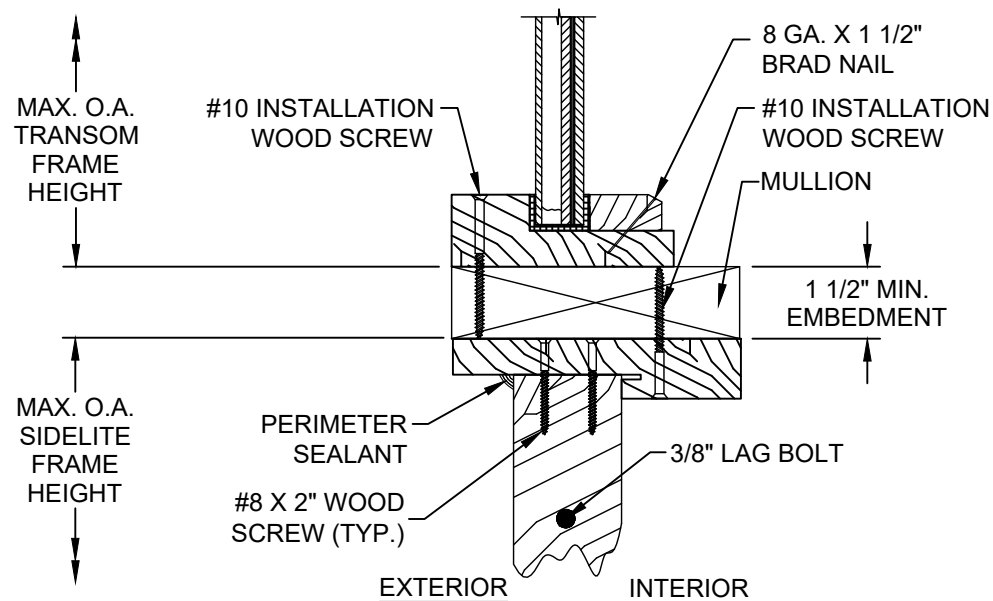






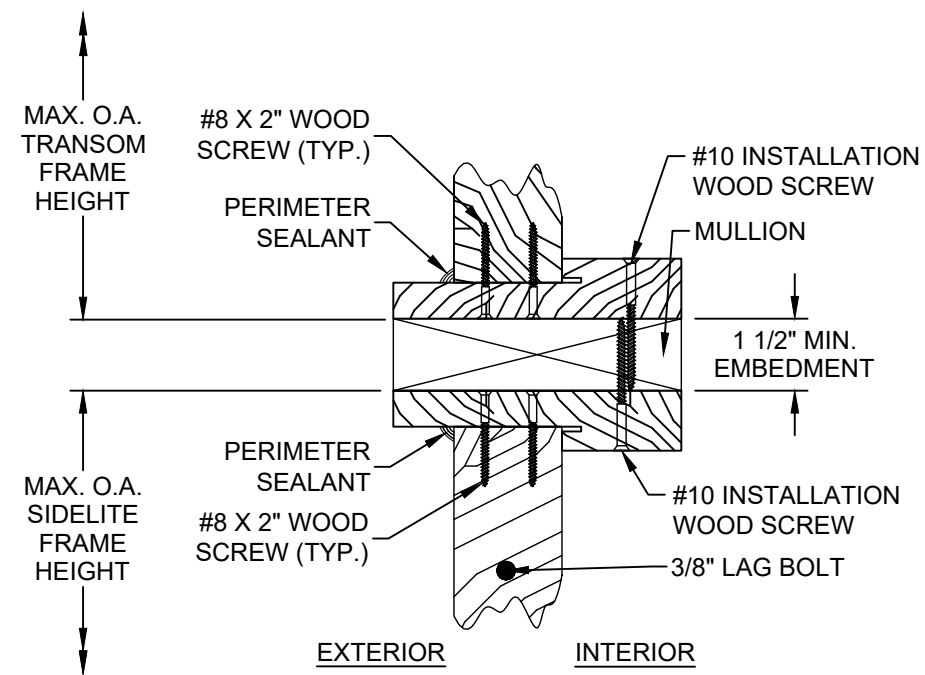
I

VERTICAL SECTION
GLAZED SIDELITE PANEL AT HEAD &
GLAZED/OPAQUE TRANSOM SILL AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTION 5 FOR
APPROPRIATE SIDELITE PANEL & SECTIONS 7
& 8 FOR APPROPRIATE TRANSOM PANELS)



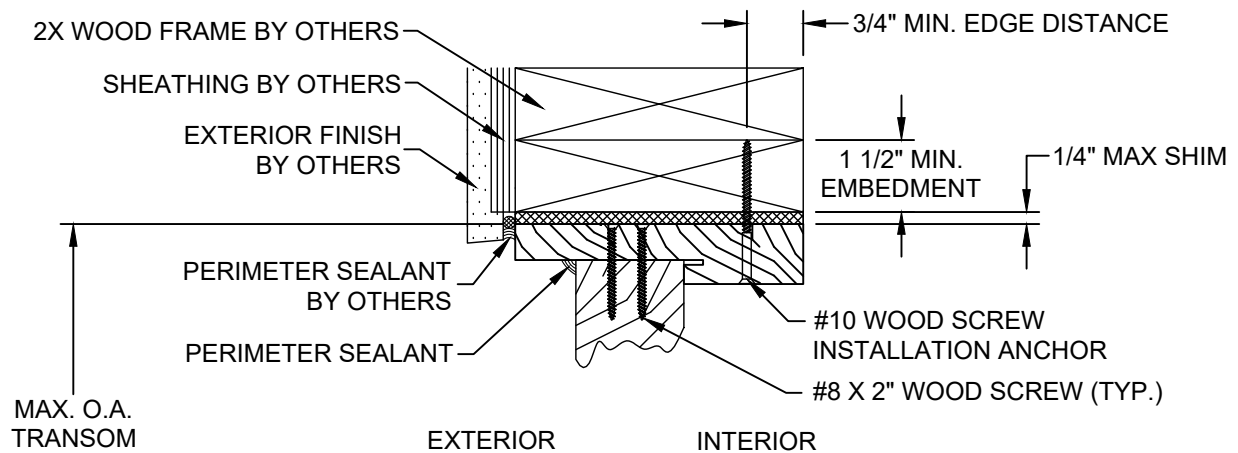
K

VERTICAL SECTION
GLAZED/OPAQUE SIDELITE PANEL AT HEAD &
GLAZED TRANSOM SILL AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 1, 2, 3, 4, & 6 FOR
APPROPRIATE SIDELITE PANELS & SECTION 5
FOR APPROPRIATE TRANSOM PANEL)



J

VERTICAL SECTION
GLAZED SIDELITE PANEL AT HEAD &
GLAZED/OPAQUE TRANSOM SILL AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 1, 2, 3, 4 & 6 FOR
APPROPRIATE SIDELITE PANELS & SECTIONS 7
& 8 FOR APPROPRIATE TRANSOM PANELS)



L

VERTICAL SECTION
GLAZED TRANSOM PANEL AT HEAD
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTION 7 & 8 FOR
APPROPRIATE TRANSOM PANELS)

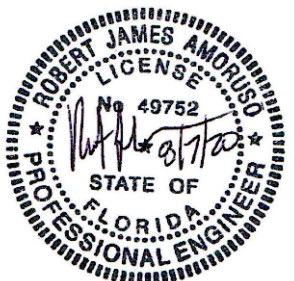
PROJECT #419-0909

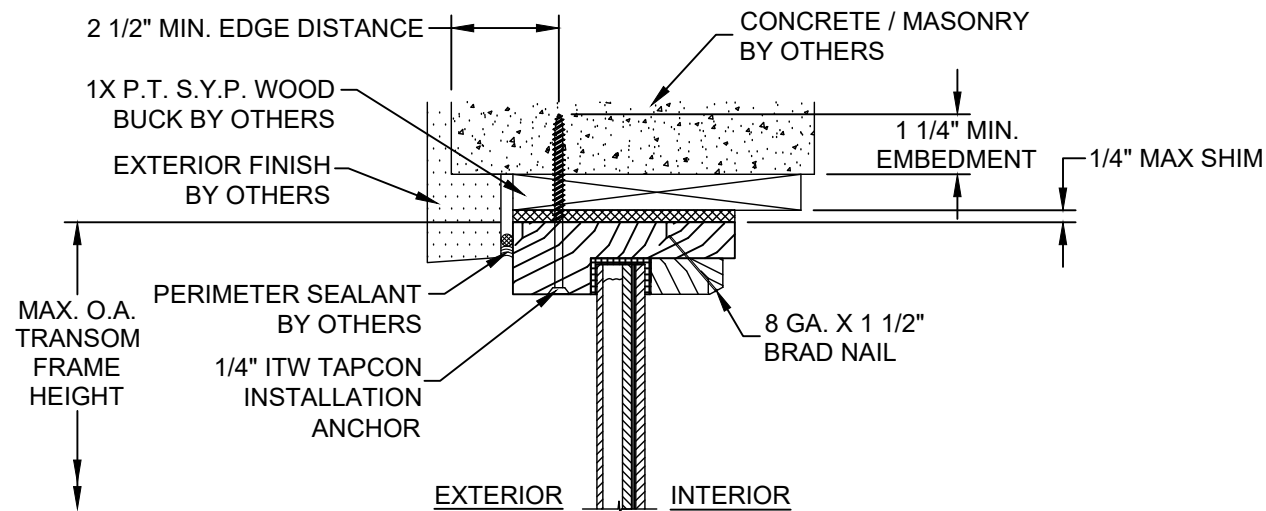
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM
VERTICAL SECTIONS

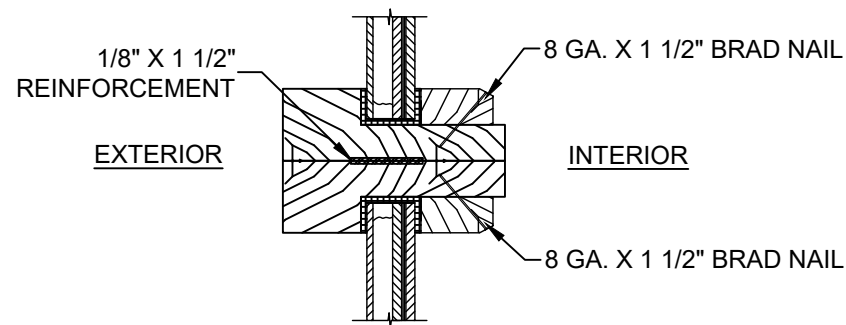
PREPARED BY: **FW**
DRAWN BY: RJA
SCALE: N.T.S.
DATE: 8/7/20
DRAWING NO: RW0059
SHEET: 19 OF 29
REV: ---
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 62077
LONGWOOD, FLORIDA 32762
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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

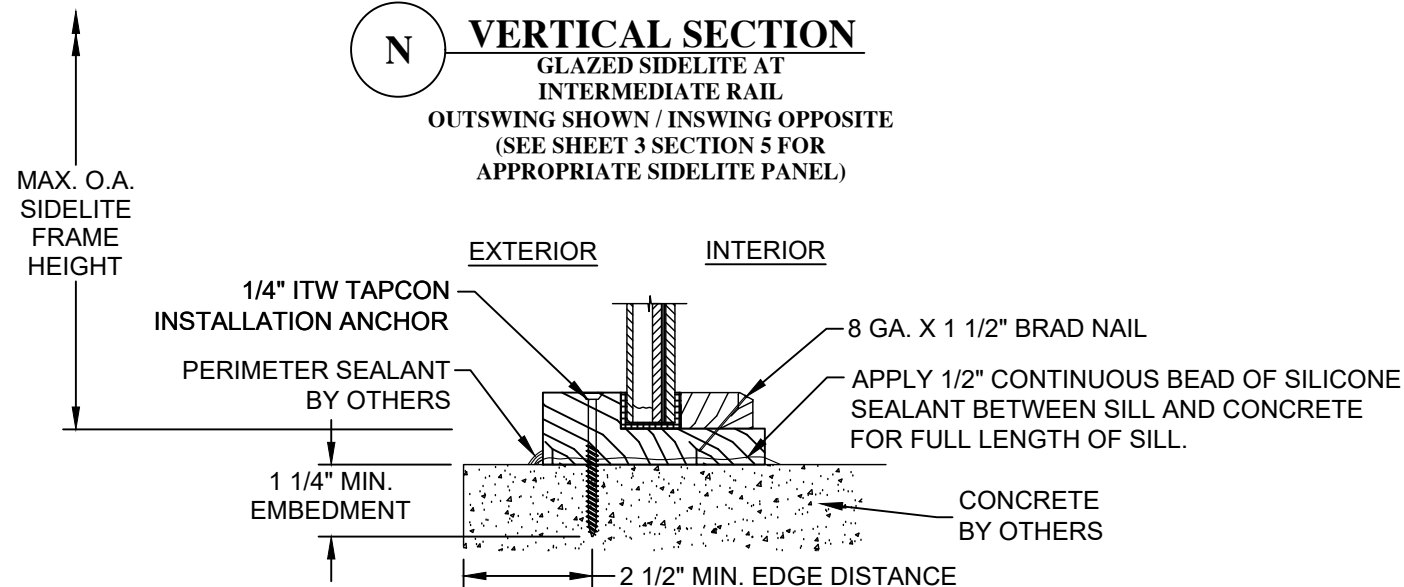




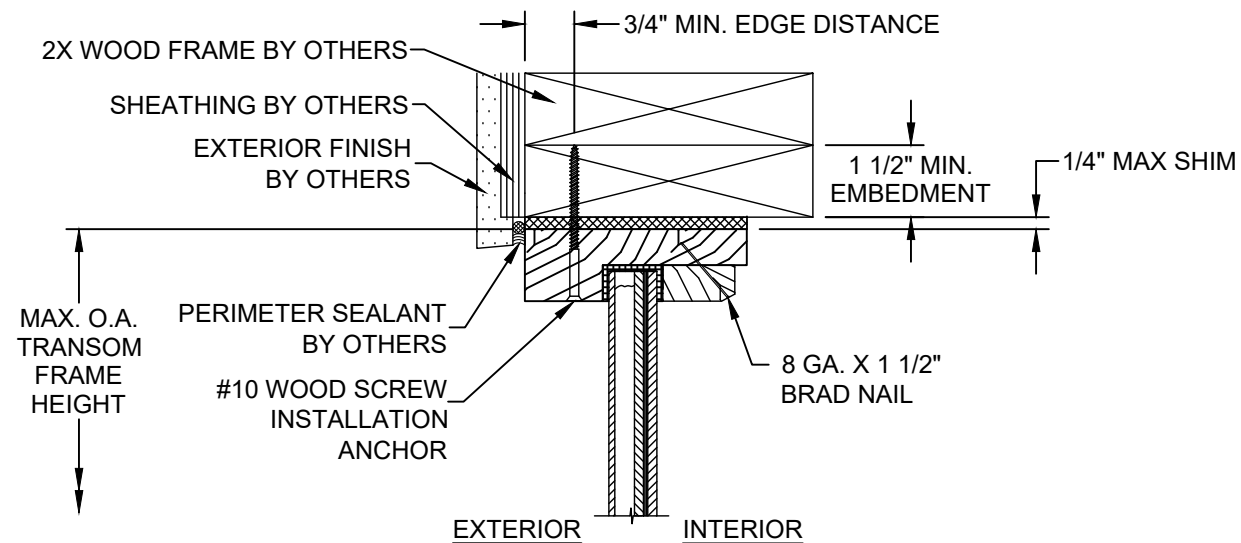
O **VERTICAL SECTION**
GLAZED TRANSOM AT HEAD
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTION 5 FOR
APPROPRIATE TRANSOM PANEL)



N **VERTICAL SECTION**
GLAZED SIDELITE AT
INTERMEDIATE RAIL
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTION 5 FOR
APPROPRIATE SIDELITE PANEL)



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



P **VERTICAL SECTION**
GLAZED TRANSOM PANEL AT HEAD
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTION 5 FOR
APPROPRIATE TRANSOM PANEL)

PROJECT #419-0909

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

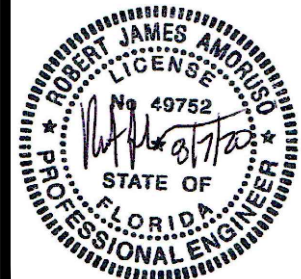
TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM

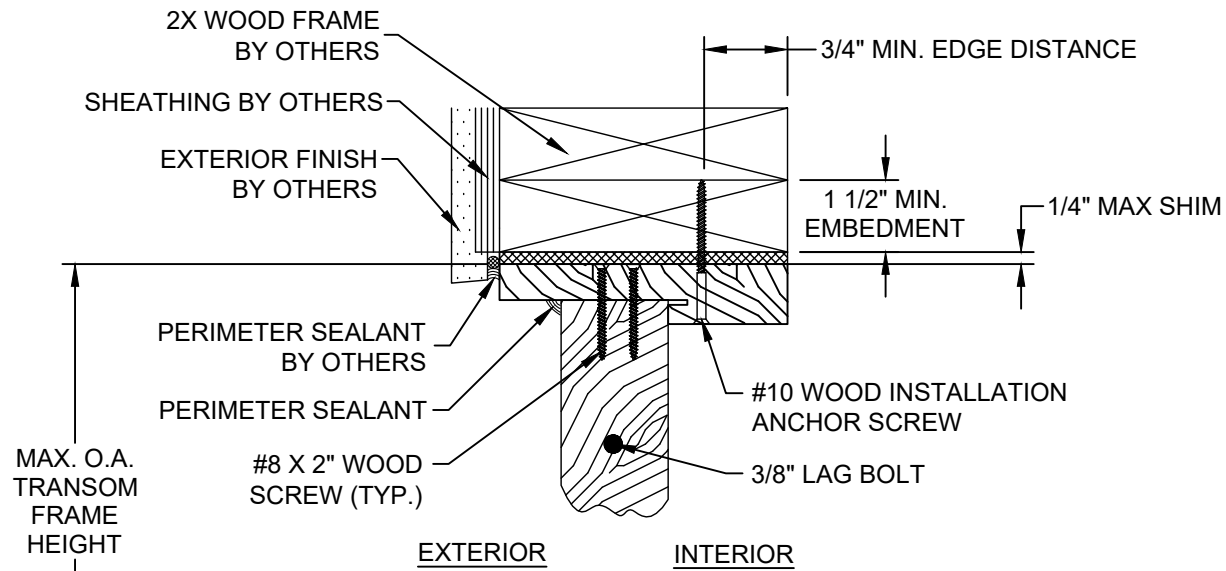
VERTICAL SECTIONS

PREPARED BY:	DRAWN BY:	DATE:	DRAWING NO.:	SHEET:
	RJA	8/7/20	RW0059	20 OF 29
SCALE:	N.T.S.	REV:	---	

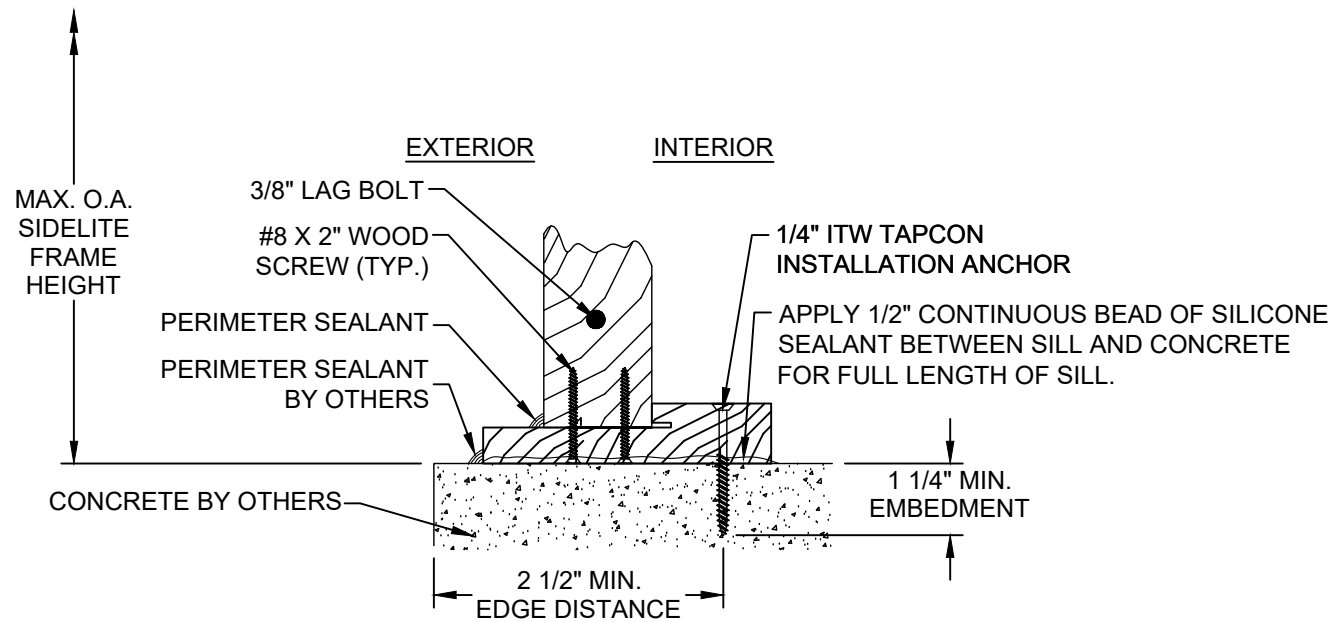
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077
LONGWOOD, FLORIDA 32762
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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

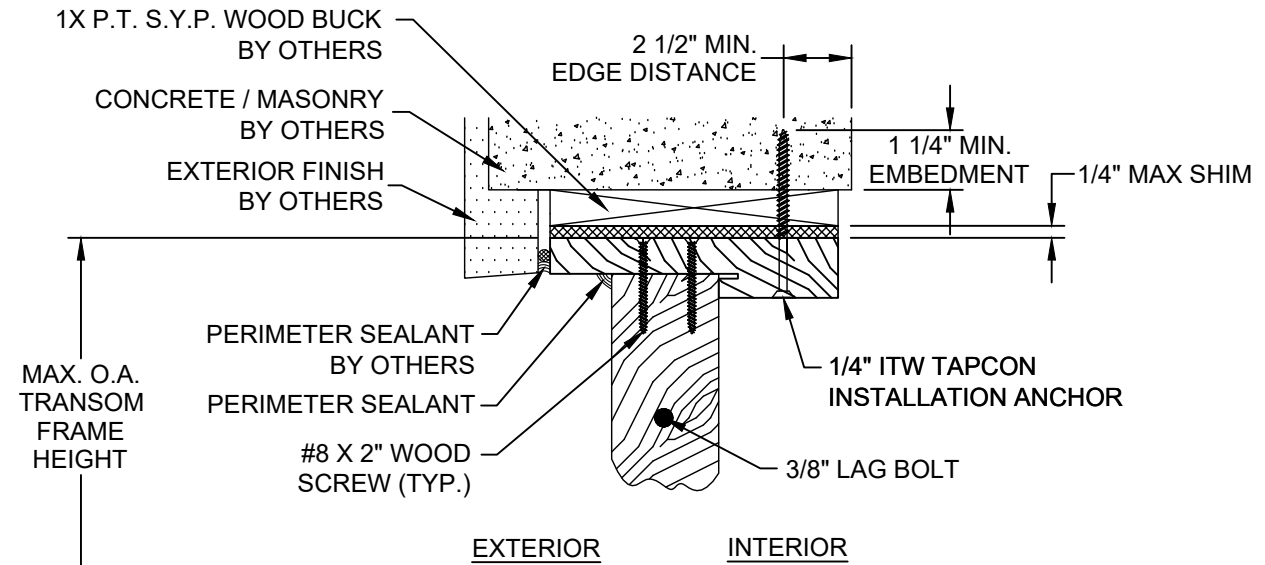




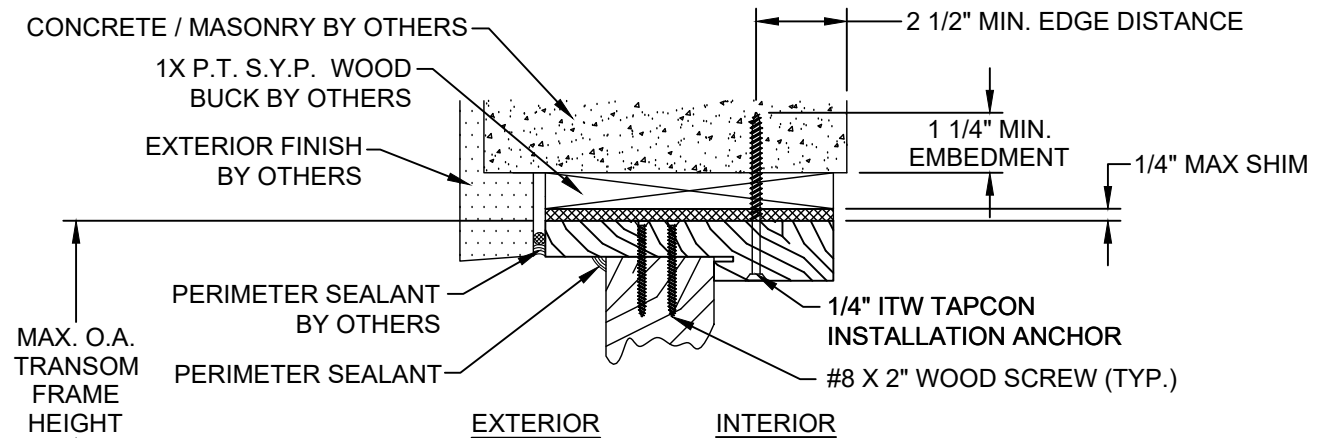
S **VERTICAL SECTION**
GLAZED TRANSOM PANEL AT HEAD
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTION 2 FOR APPROPRIATE TRANSOM PANEL)



Q **VERTICAL SECTION**
GLAZED SIDELITE PANEL AT SILL
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 1, 2, 3, 4 & 6 FOR APPROPRIATE SIDELITE PANELS)



T **VERTICAL SECTION**
GLAZED TRANSOM PANEL AT HEAD
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTION 2 FOR APPROPRIATE TRANSOM PANEL)



R **VERTICAL SECTION**
GLAZED/OPAQUE TRANSOM PANEL AT HEAD
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 7 & 8 FOR APPROPRIATE TRANSOM PANELS)

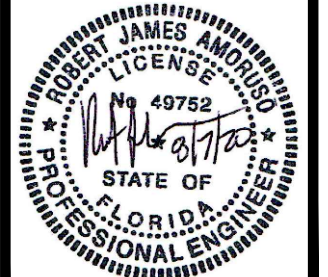
PROJECT #419-0909

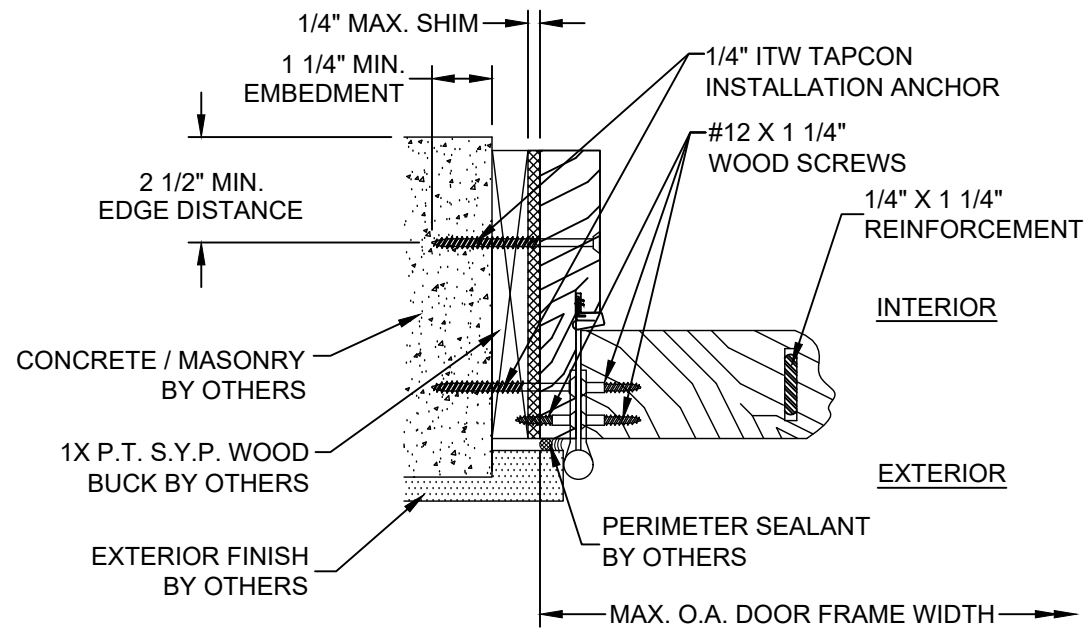
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM
VERTICAL SECTIONS

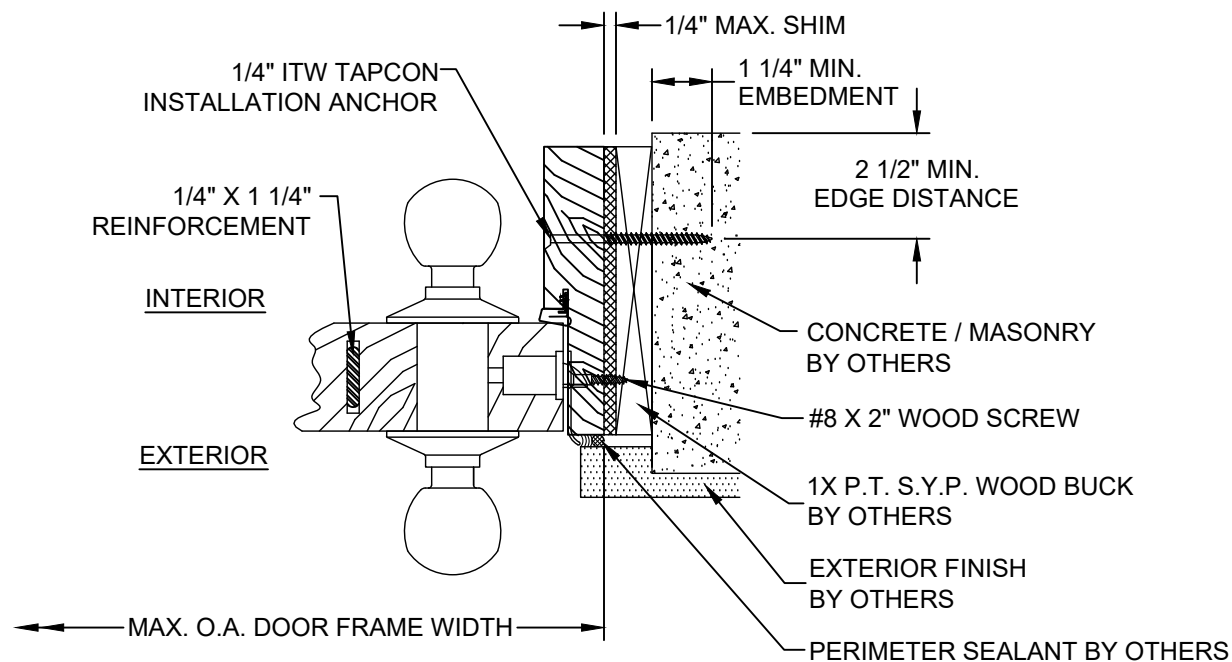
PREPARED BY: DATE: 8/7/20 DRAWING NO: RW0059 SHEET: 21 OF 29
DRAWN BY: RJA SCALE: N.T.S. REV: ---
PTC PRODUCT DESIGN GROUP, LLC Phone: 321.690.1788
PO BOX 630772 LONGWOOD, FLORIDA 32762 Fax: 321.690.1789
Email: info@ptc-corp.com

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

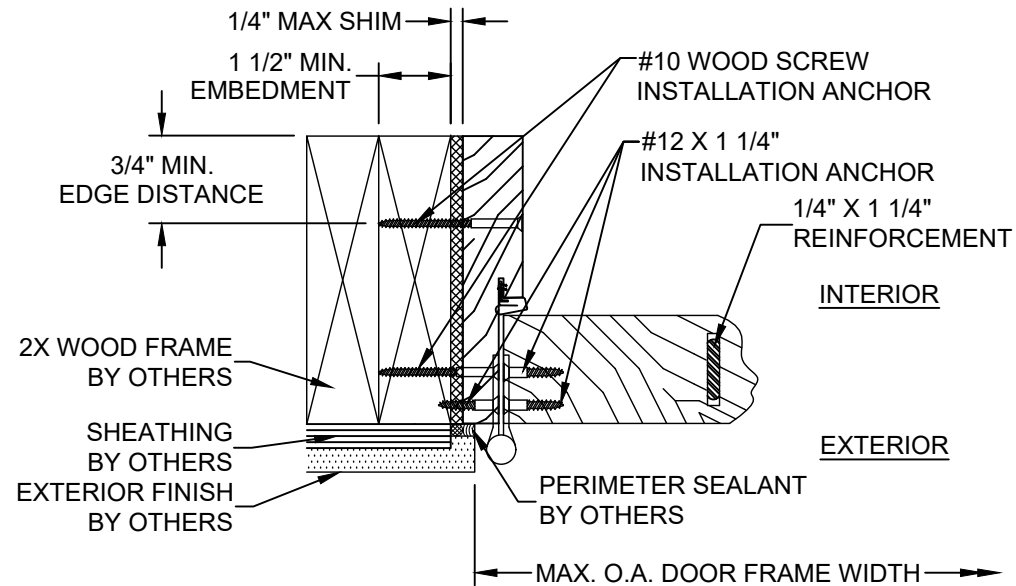




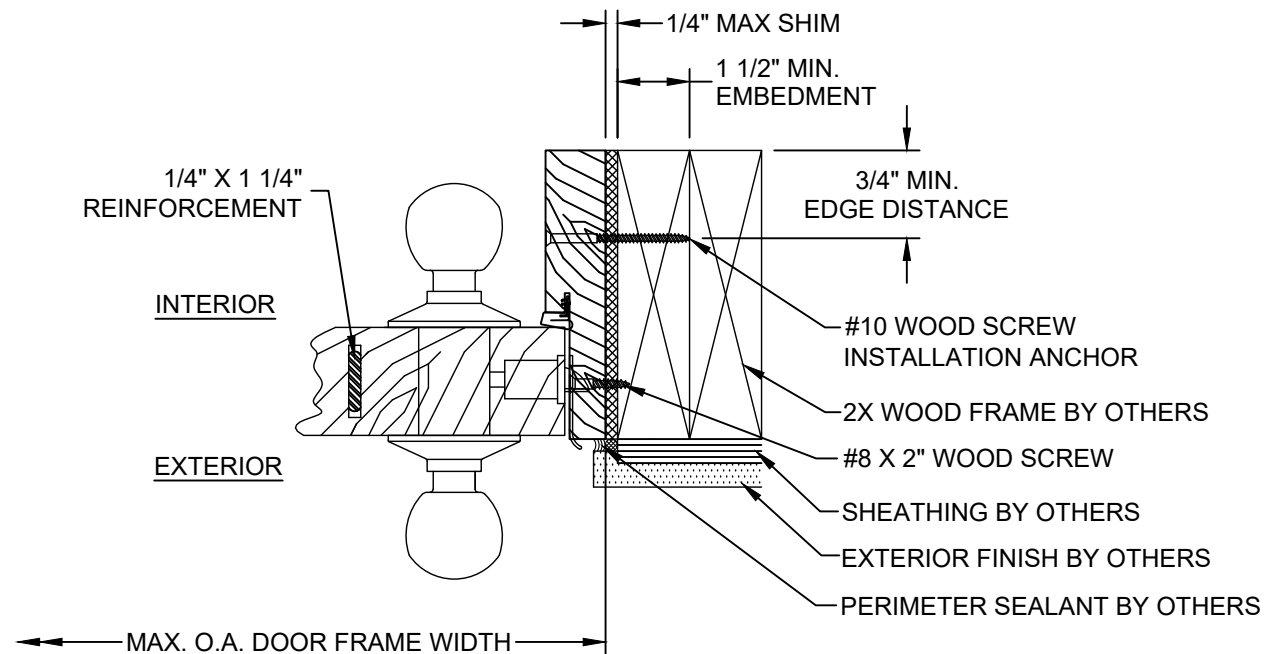
W **HORIZONTAL SECTION**
GLAZED/OPAQUE DOOR PANEL AT HINGED JAMB
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 10, 11 & 12 FOR
APPROPRIATE DOOR PANELS)



U **HORIZONTAL SECTION**
GLAZED/OPAQUE DOOR PANEL AT LOCK STILE
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 10, 11 & 12 FOR
APPROPRIATE DOOR PANELS)



X **HORIZONTAL SECTION**
GLAZED/OPAQUE DOOR PANEL AT HINGED JAMB
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 10, 11 & 12 FOR
APPROPRIATE DOOR PANELS)



V **HORIZONTAL SECTION**
GLAZED/OPAQUE DOOR PANEL AT LOCK STILE
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 10, 11 & 12 FOR
APPROPRIATE DOOR PANELS)

PROJECT #419-0909

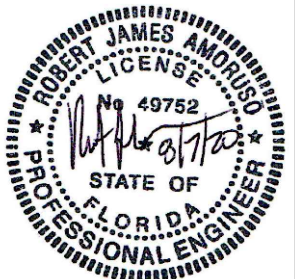
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

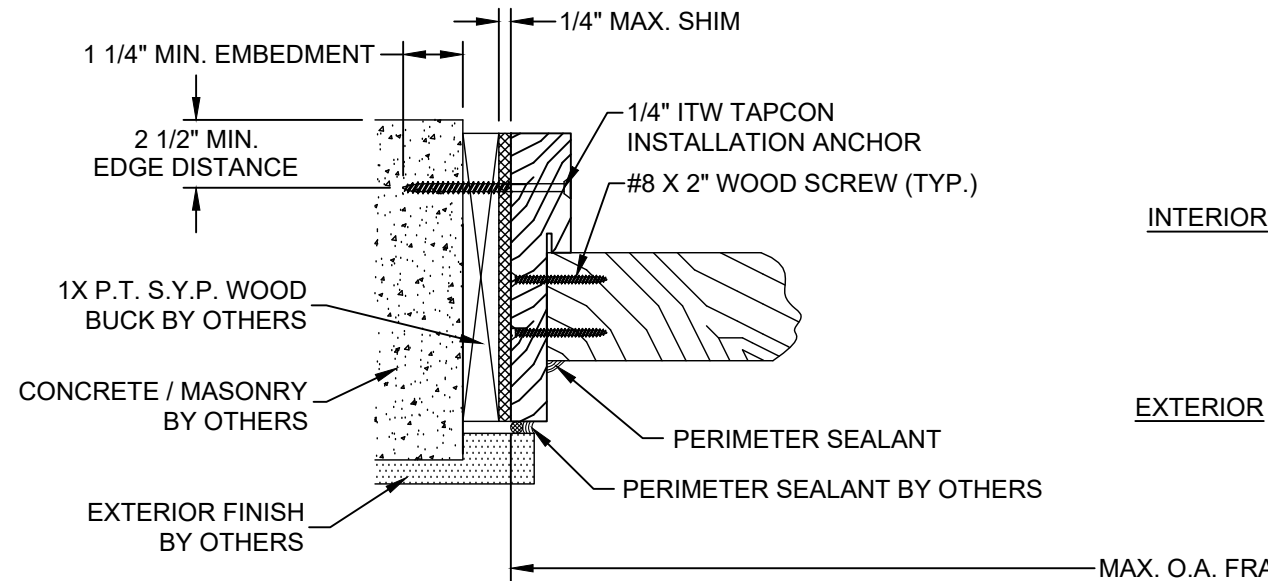
TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM
HORIZONTAL SECTIONS

DRAWN BY:	RJA	DATE:	8/7/20
SCALE:	N.T.S.	DRAWING NO.:	RW0059
REV:	---	SHEET:	22 OF 29

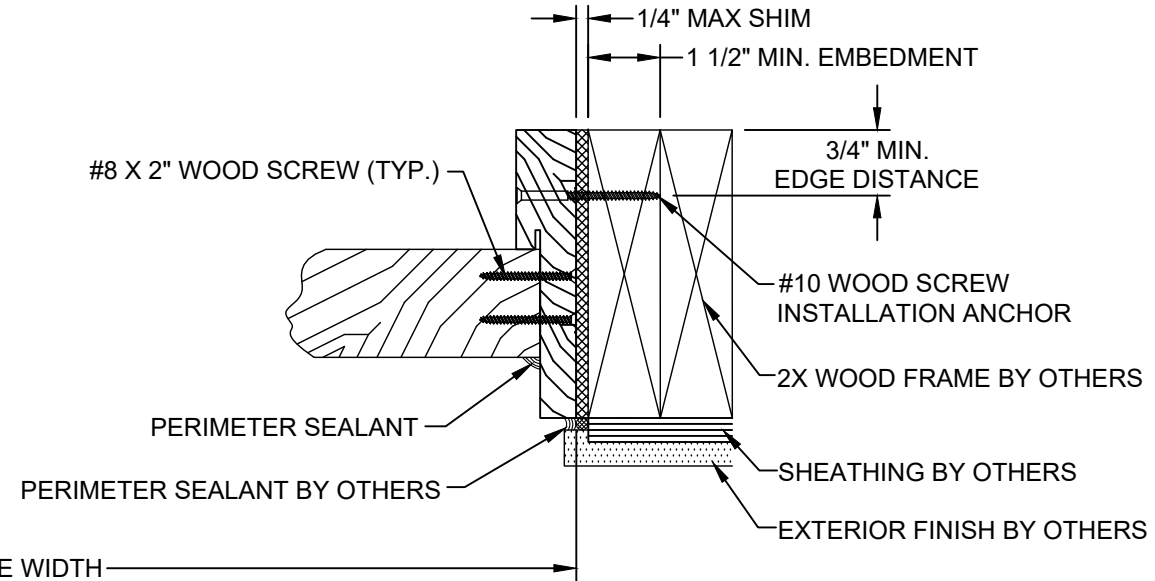
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077
LONGWOOD, FLORIDA 32762
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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

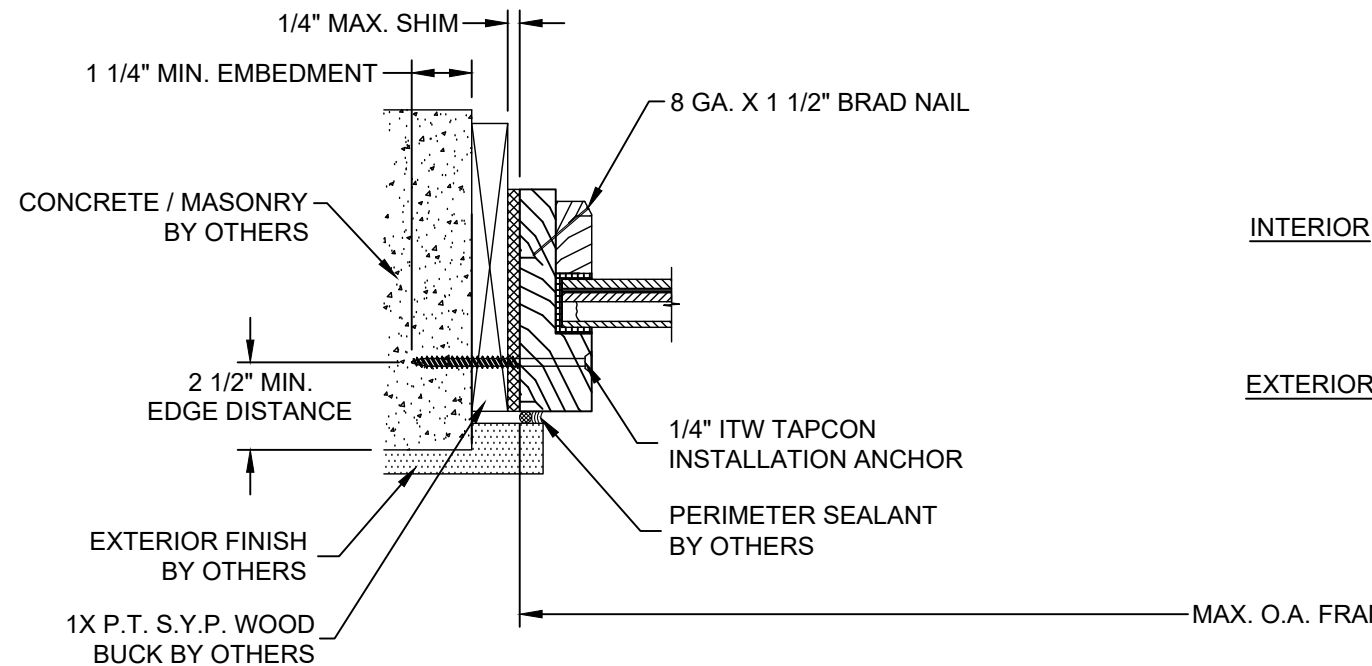




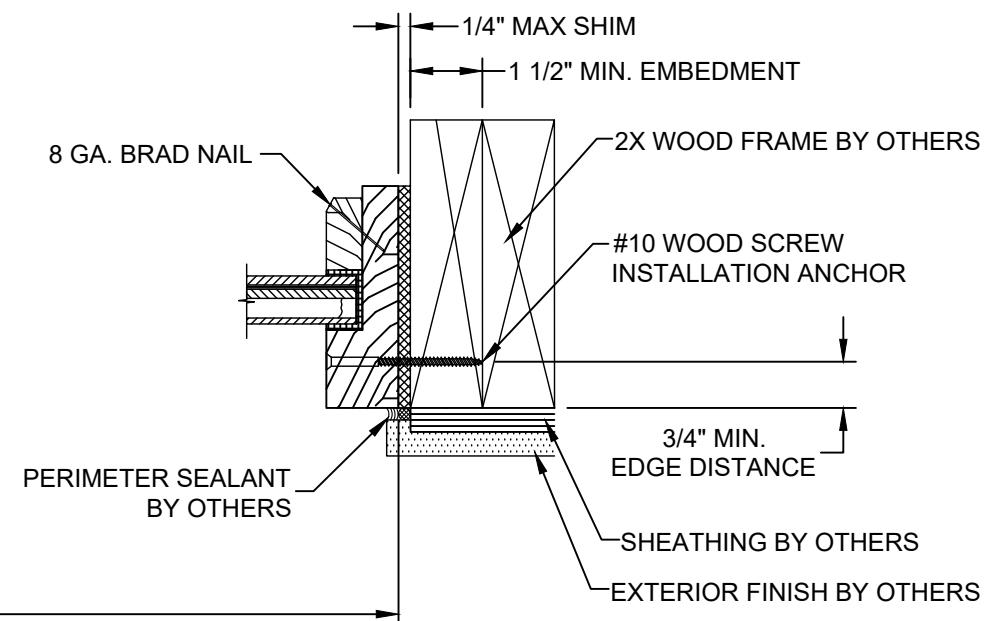
AA HORIZONTAL SECTION
 GLAZED/OPAQUE SIDELITE / GLAZED TRANSOM PANEL AT JAMB
 CONCRETE / MASONRY SUBSTRATE
 OUTSWING SHOWN / INSWING OPPOSITE
 (SEE SHEET 4 SECTIONS 10, 11 & 12 FOR APPROPRIATE SIDELITE PANELS & SHEET 4 SECTION 11 FOR APPROPRIATE TRANSOM PANEL)



BB HORIZONTAL SECTION
 GLAZED/OPAQUE SIDELITE / GLAZED TRANSOM PANEL AT JAMB
 WOOD FRAME SUBSTRATE
 OUTSWING SHOWN / INSWING OPPOSITE
 (SEE SHEET 4 SECTIONS 10, 11 & 12 FOR APPROPRIATE SIDELITE PANELS & SHEET 4 SECTION 11 FOR APPROPRIATE TRANSOM PANEL)



Y HORIZONTAL SECTION
 GLAZED SIDELITE/ TRANSOM PANEL AT JAMB
 CONCRETE / MASONRY SUBSTRATE
 OUTSWING SHOWN / INSWING OPPOSITE
 (SEE SHEET 4 SECTION 14 FOR APPROPRIATE SIDELITE & TRANSOM PANELS)



Z HORIZONTAL SECTION
 GLAZED SIDELITE/TRANSOM PANEL AT JAMB
 WOOD FRAME SUBSTRATE
 OUTSWING SHOWN / INSWING OPPOSITE
 (SEE SHEET 4 SECTION 14 FOR APPROPRIATE SIDELITE & TRANSOM PANELS)

PROJECT #419-0909

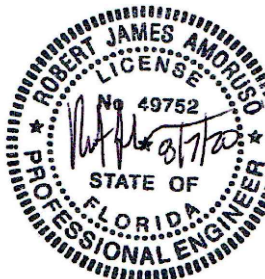
Real Woods Inc.
 1230 N. East Ave
 Sarasota, FL 34237

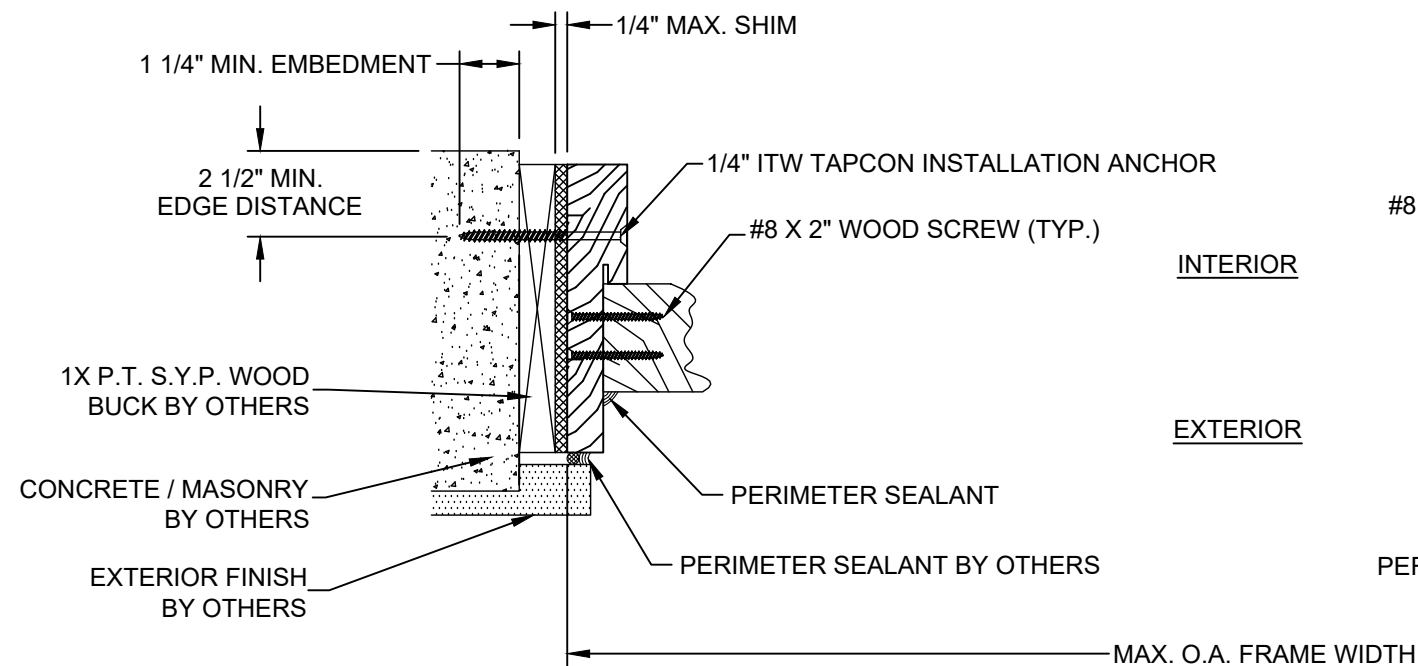
TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM
 HORIZONTAL SECTIONS

DATE:	8/7/20
DRAWING NO:	RW0059
SHEET:	23 OF 29
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

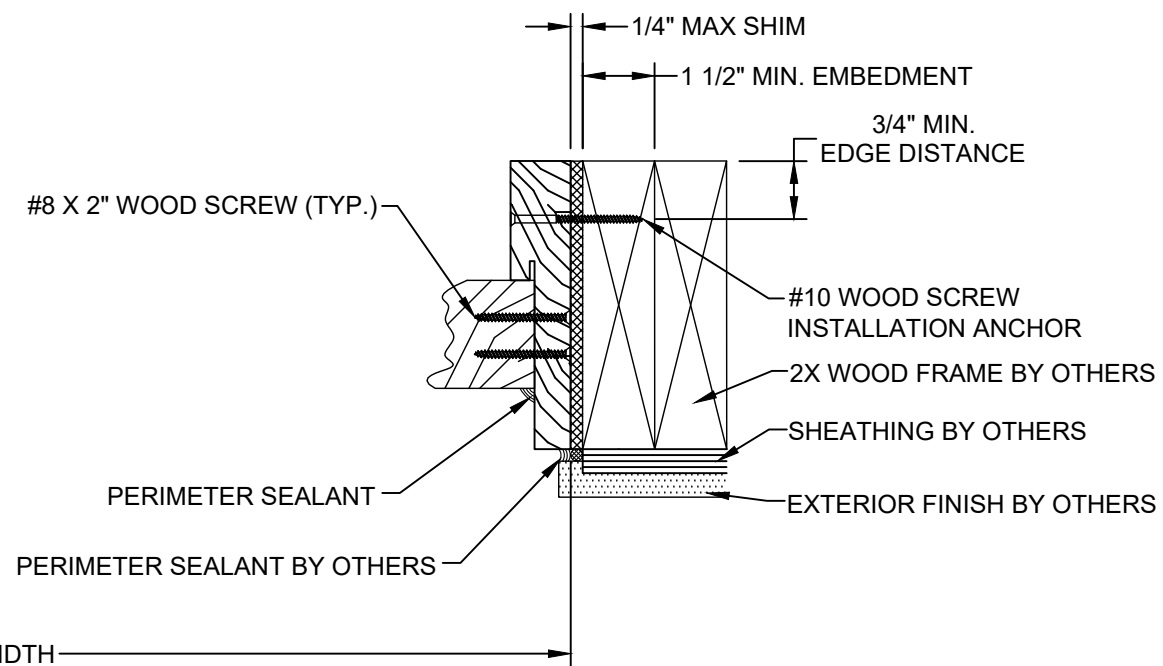




EE

HORIZONTAL SECTION

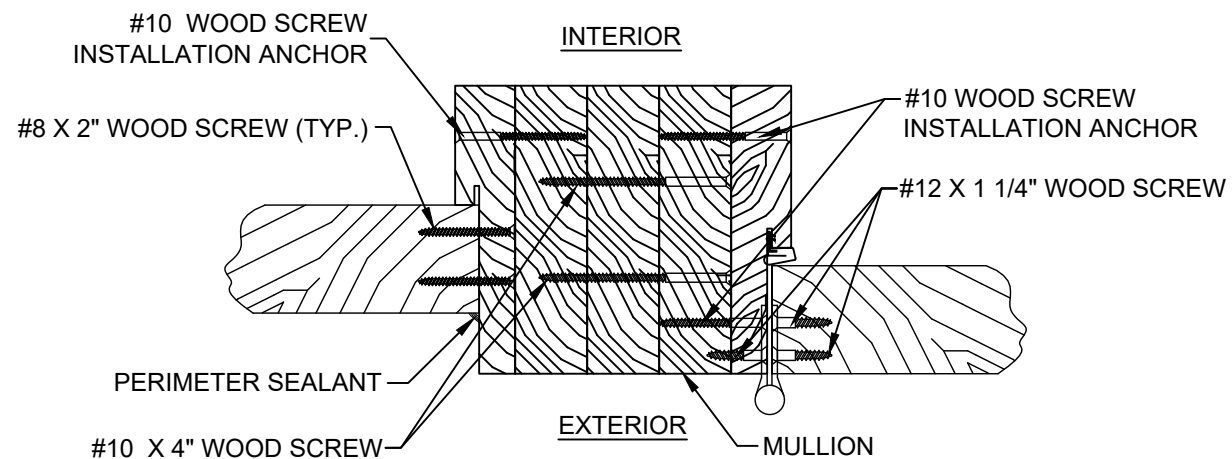
GLAZED/OPAQUE SIDELITE/TRANSOM PANEL AT JAMB
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTION 13 & 15 FOR
APPROPRIATE SIDELITE & TRANSOM PANELS)



FF

HORIZONTAL SECTION

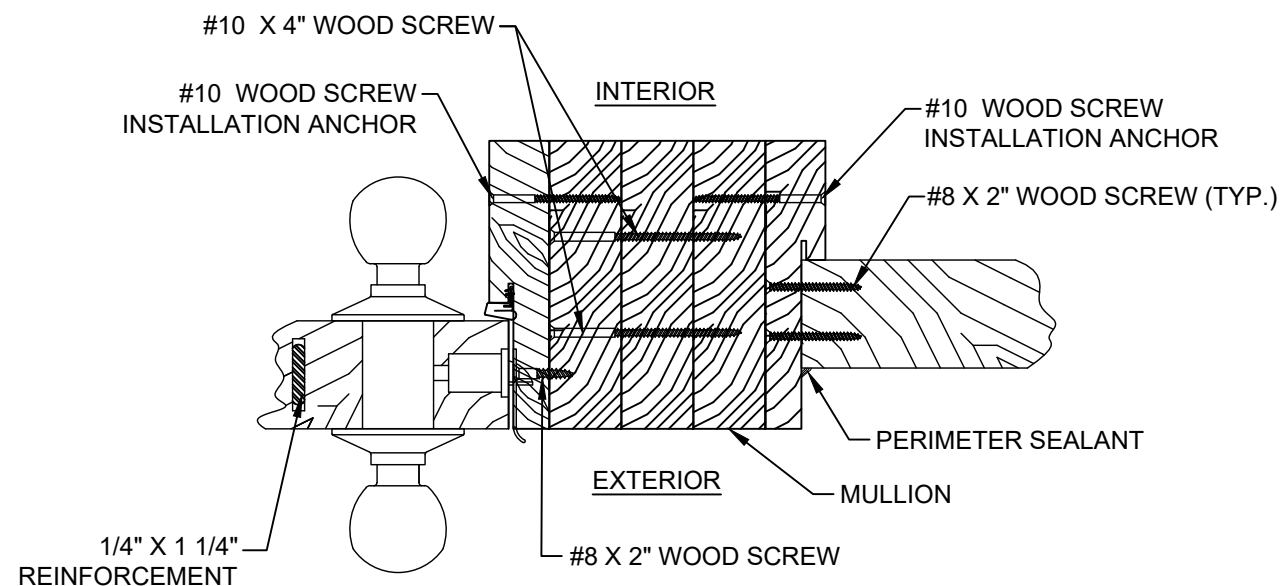
GLAZED/OPAQUE SIDELITE/TRANSOM PANEL AT JAMB
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTION 13 & 15 FOR
APPROPRIATE SIDELITE & TRANSOM PANELS)



CC

HORIZONTAL SECTION

GLAZED/OPAQUE SIDELITE PANEL W/
GLAZED/OPAQUE DOOR PANEL
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 10, 11 & 12 FOR
APPROPRIATE DOOR & SIDELITE PANELS)



DD

HORIZONTAL SECTION

GLAZED/OPAQUE DOOR PANEL W/
GLAZED/OPAQUE SIDELITE PANEL
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 10, 11 & 12 FOR
APPROPRIATE DOOR & SIDELITE PANELS)

PROJECT #419-0909

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

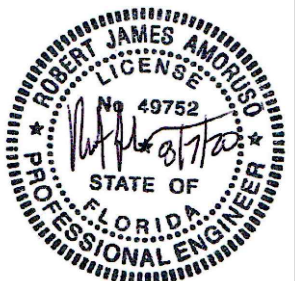
TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM

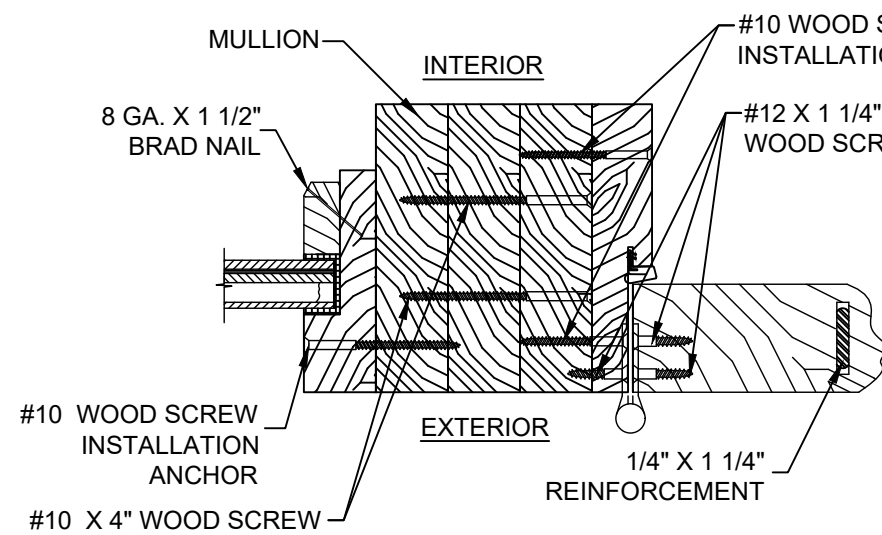
HORIZONTAL SECTIONS

DRAWN BY:	RJA	DATE:	8/7/20
SCALE:	N.T.S.	DRAWING NO.:	RW0059
REV:	---	SHEET:	24 OF 29

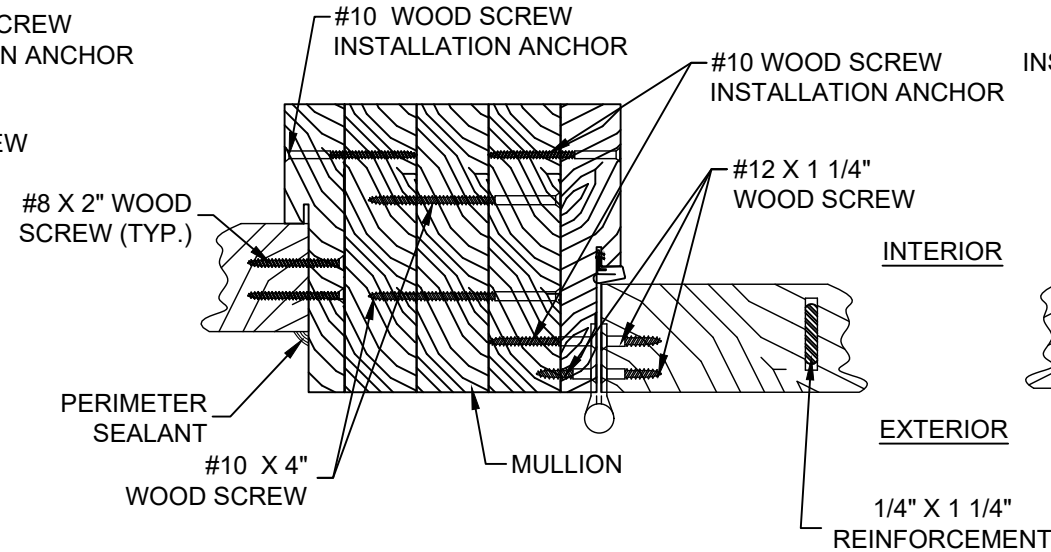
PREPARED BY:
FW
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 690774
LONGWOOD, FLORIDA 32762
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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

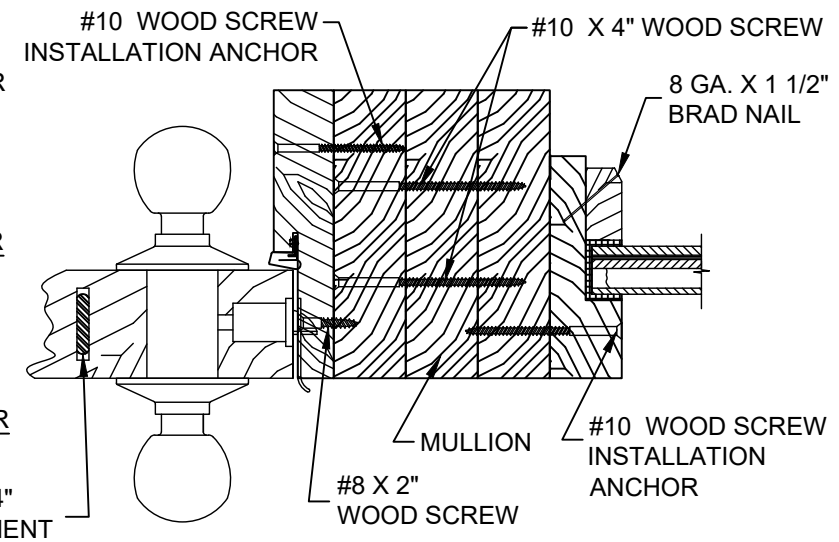




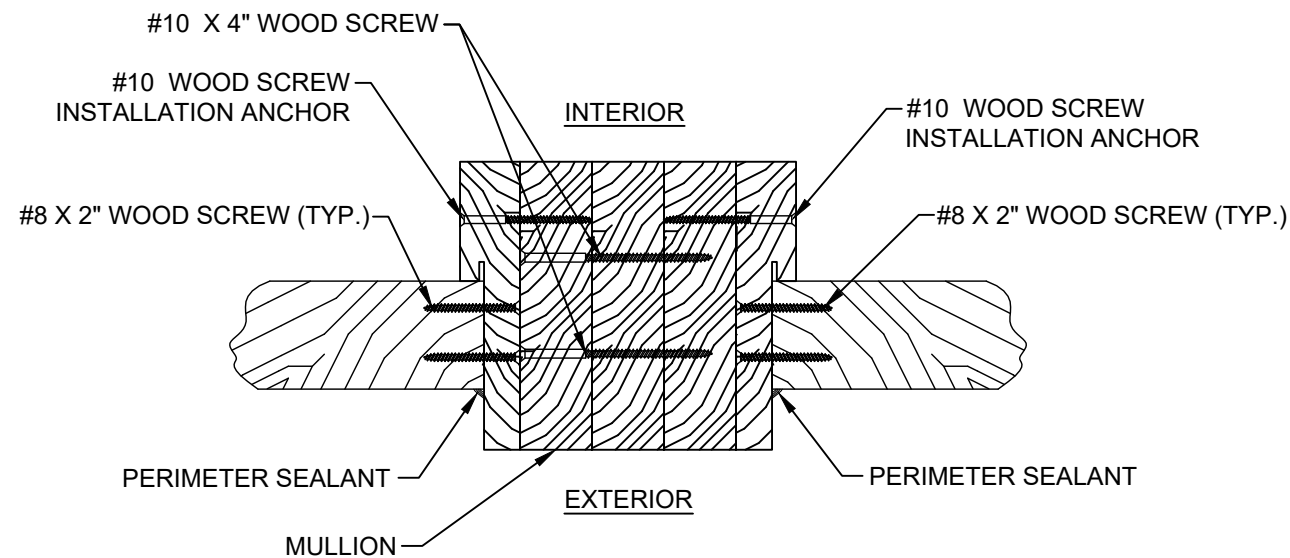
JJ **HORIZONTAL SECTION**
GLAZED SIDELITE PANEL JAMB
W/ GLAZED/OPAQUE DOOR PANEL
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 10, 11 & 12 FOR
APPROPRIATE DOOR PANELS & SHEET 4
SECTION 14 FOR APPROPRIATE SIDELITE PANEL)



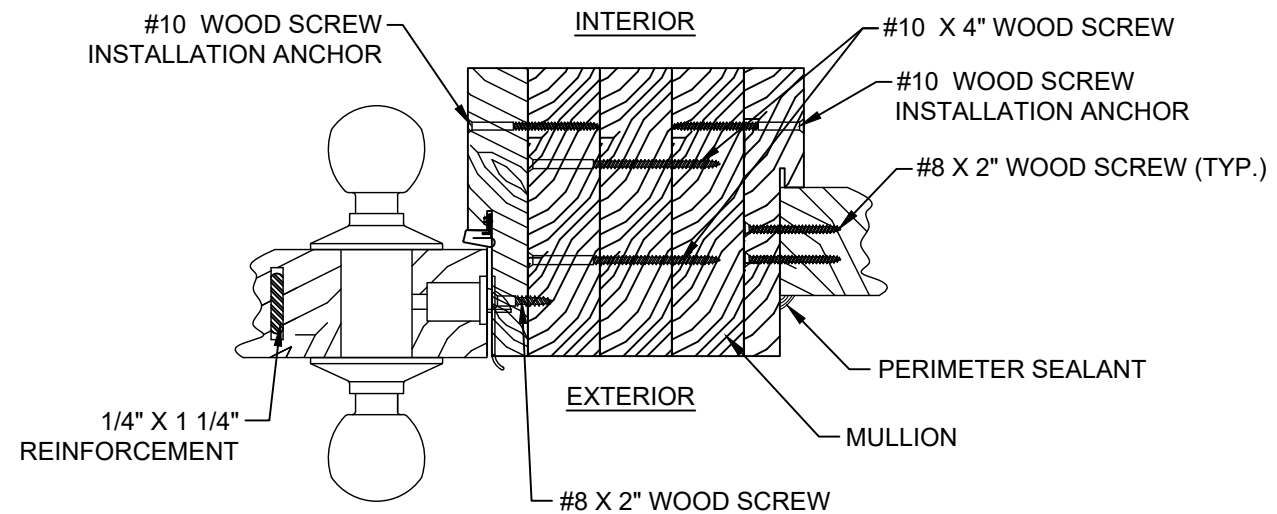
KK **HORIZONTAL SECTION**
GLAZED/OPAQUE SIDELITE PANEL JAMB
W/ GLAZED/OPAQUE DOOR PANEL
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 10,11 & 12 FOR
APPROPRIATE DOOR PANELS &
SHEET 4 SECTION 13 & 15 FOR
APPROPRIATE SIDELITE PANELS)



LL **HORIZONTAL SECTION**
GLAZED/OPAQUE DOOR PANEL
W/ GLAZED SIDELITE PANEL
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 10, 11 & 12 FOR
APPROPRIATE DOOR PANELS & SHEET 4
SECTION 14 FOR APPROPRIATE
SIDELITE PANEL)



HH **HORIZONTAL SECTION**
GLAZED TRANSOM PANEL JAMBS
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTION 11 FOR
APPROPRIATE TRANSOM PANELS)



II **HORIZONTAL SECTION**
GLAZED/OPAQUE DOOR PANEL W/
GLAZED/OPAQUE SIDELITE PANEL
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 10, 11 & 12 FOR
APPROPRIATE DOOR PANELS & SHEET 4
SECTION 13 & 15 FOR APPROPRIATE SIDELITE PANELS)

PROJECT #419-0909

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

TITLE: 2 1/2\"/>

PREPARED BY: HORIZONTAL SECTIONS

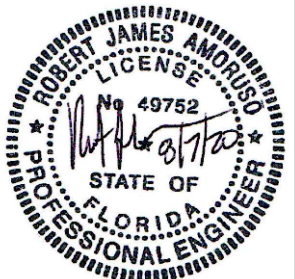
DRAWN BY: RJA DATE: 8/7/20

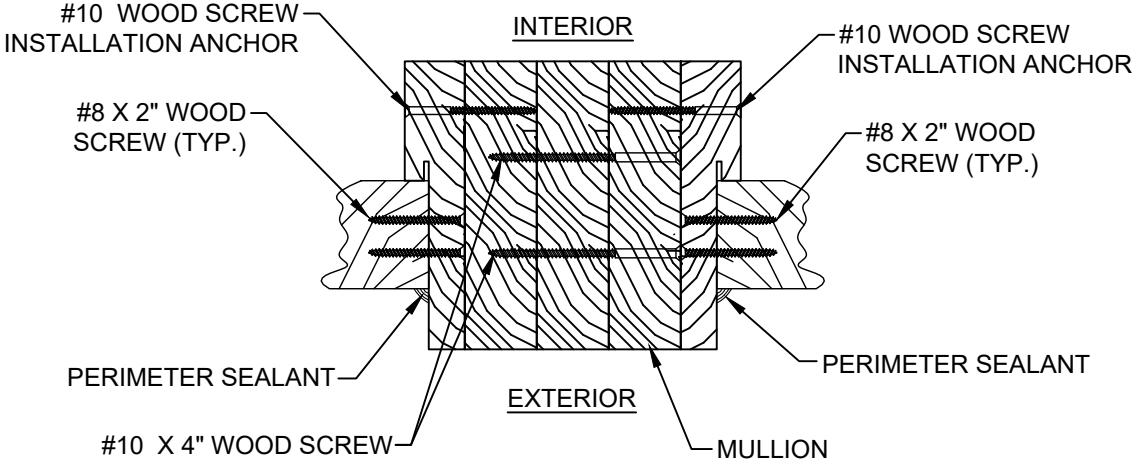
SCALE: N.T.S. DRAWING NO: RW0059

REV: --- SHEET: 25 OF 29

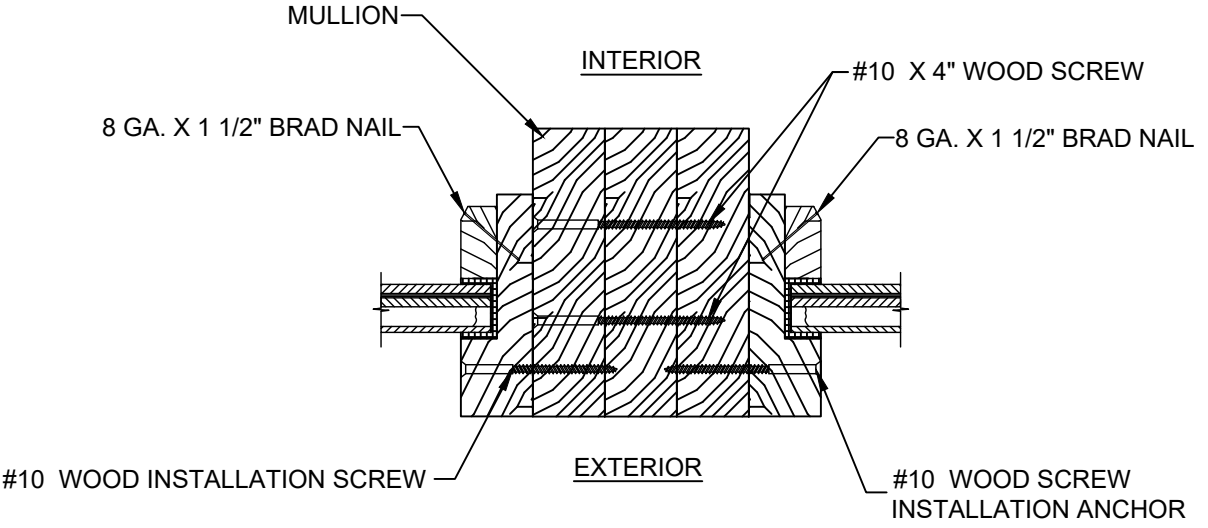
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077
LONGWOOD, FLORIDA 32762
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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





MM **HORIZONTAL SECTION**
GLAZED/OPAQUE TRANSOM PANEL JAMBS
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 13 & 15 FOR
APPROPRIATE TRANSOM PANELS)



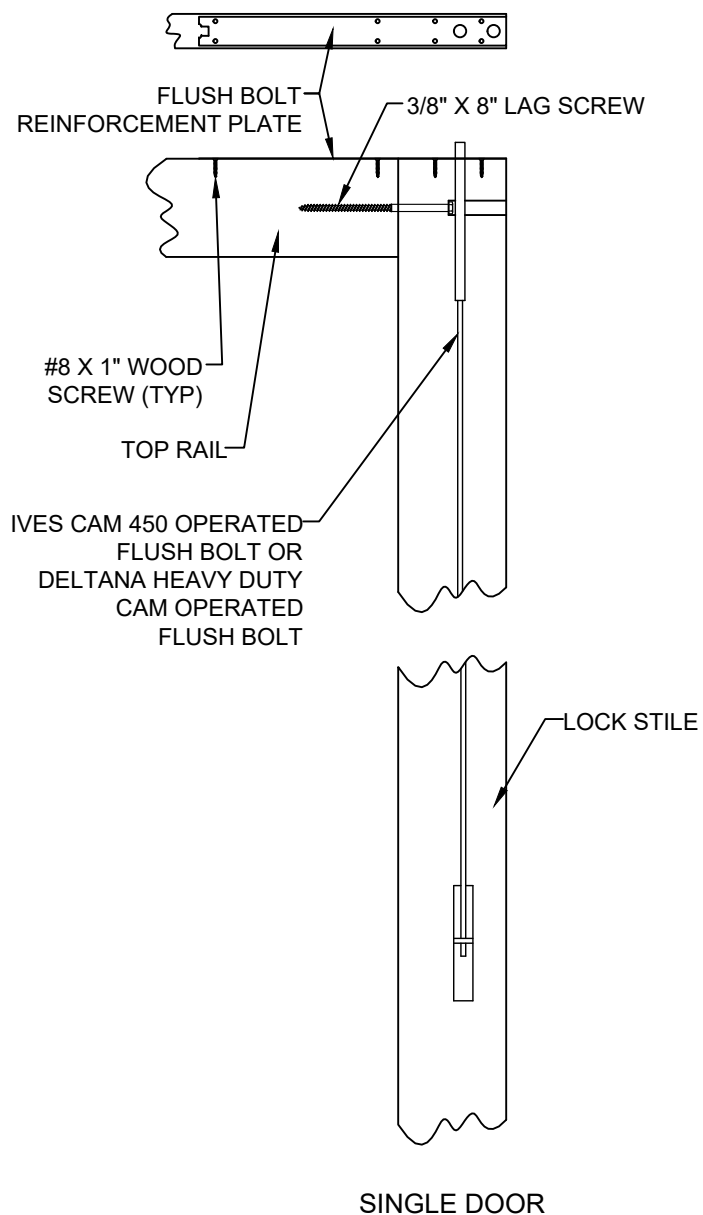
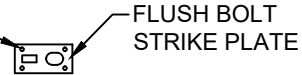
NN **HORIZONTAL SECTION**
GLAZED TRANSOM PANEL JAMBS
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTION 14 FOR
APPROPRIATE TRANSOM PANELS)

PROJECT #419-0909				BY
				DATE
				DESCRIPTION
				REV

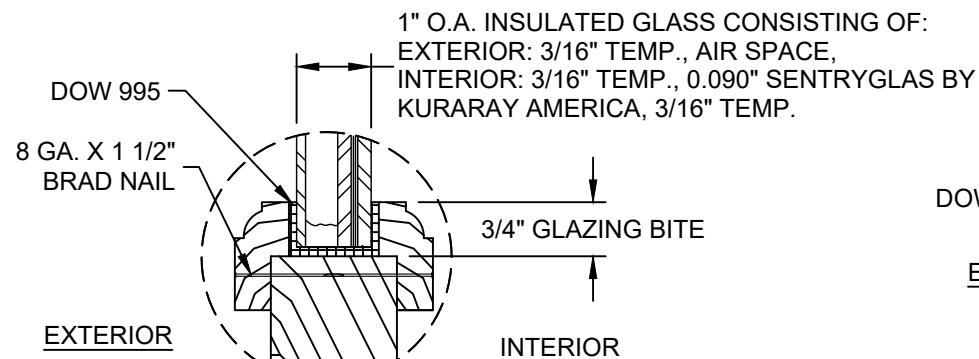
Real Woods Inc. 1230 N. East Ave Sarasota, FL 34237	TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM HORIZONTAL SECTIONS	DRAWN BY:	RJA	DATE:	8/7/20
		SCALE:	N.T.S.	DRAWING NO.:	RW0059
		REV:	---	SHEET:	26 OF 29
		PTC PRODUCT DESIGN GROUP, LLC PO BOX 63077 LONGWOOD, 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

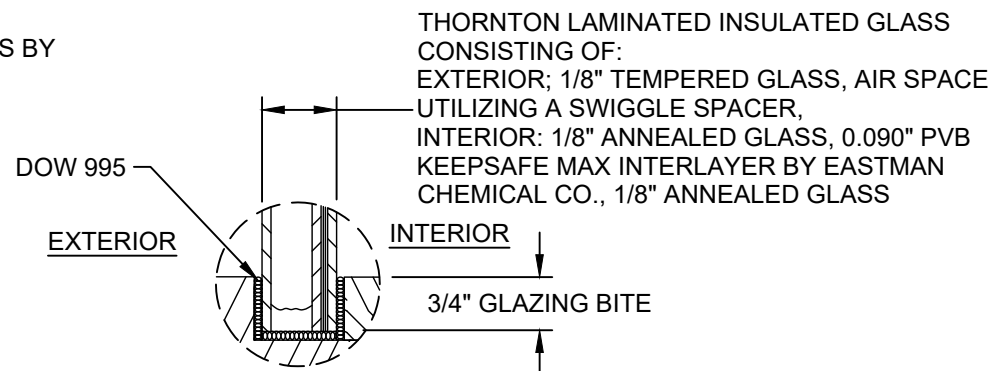
(4) #8 X 2" WOOD SCREWS
IN 2X WOOD FRAME OR
(4) 3/16" ITW TAPCONS IN
CONCRETE / MASONRY



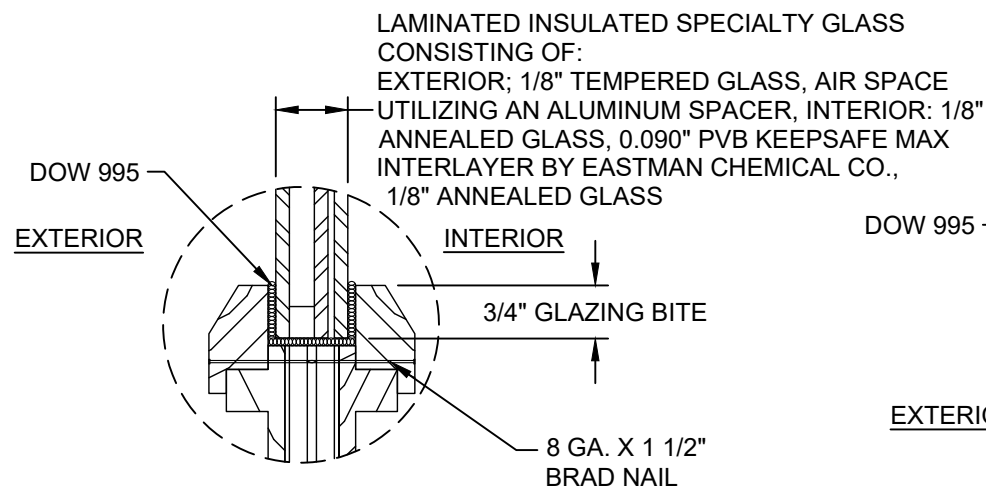
FLUSH BOLT DETAIL



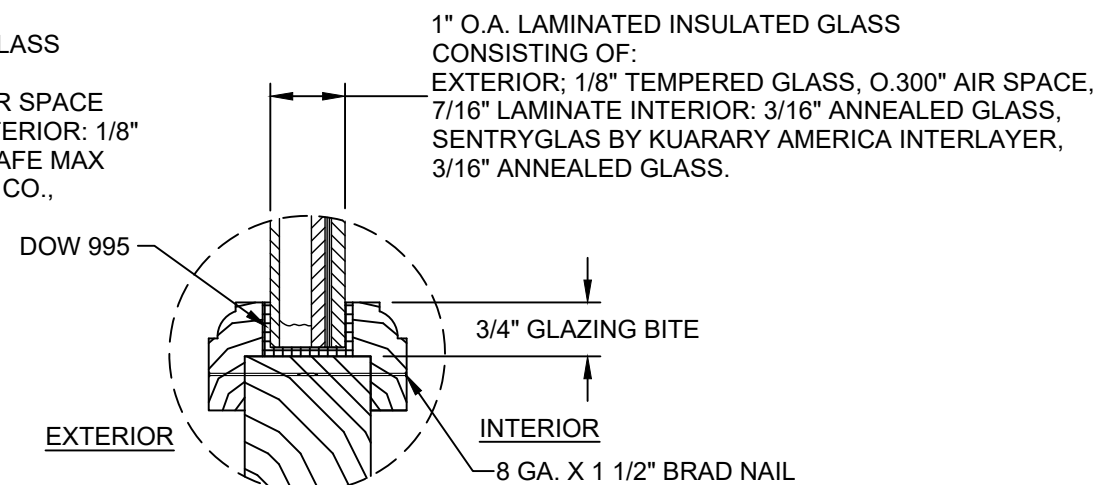
GLAZING DETAIL 1



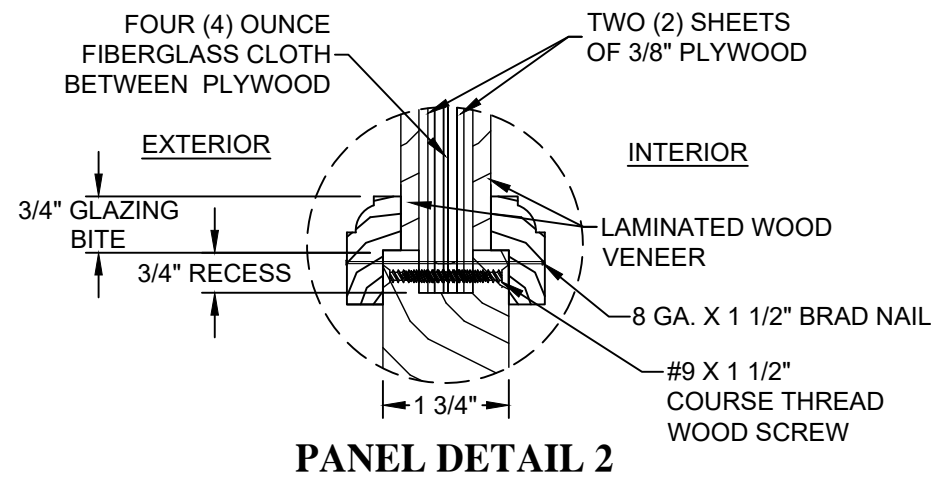
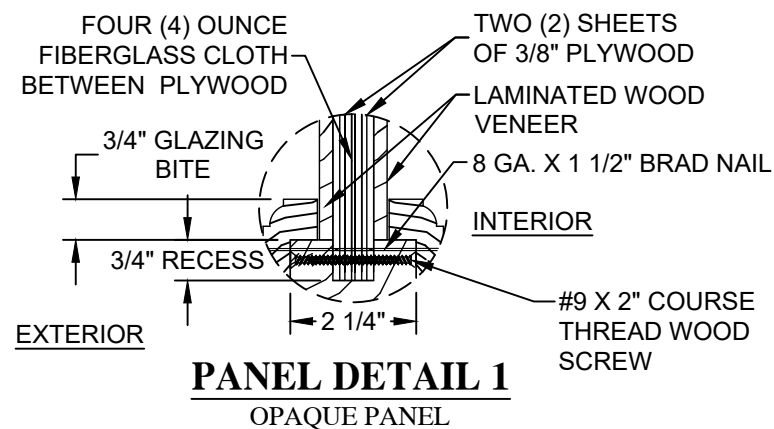
GLAZING DETAIL 2



GLAZING DETAIL 3



GLAZING DETAIL 4



PROJECT #419-0909

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

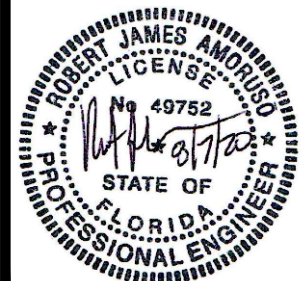
TITLE: 2 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM

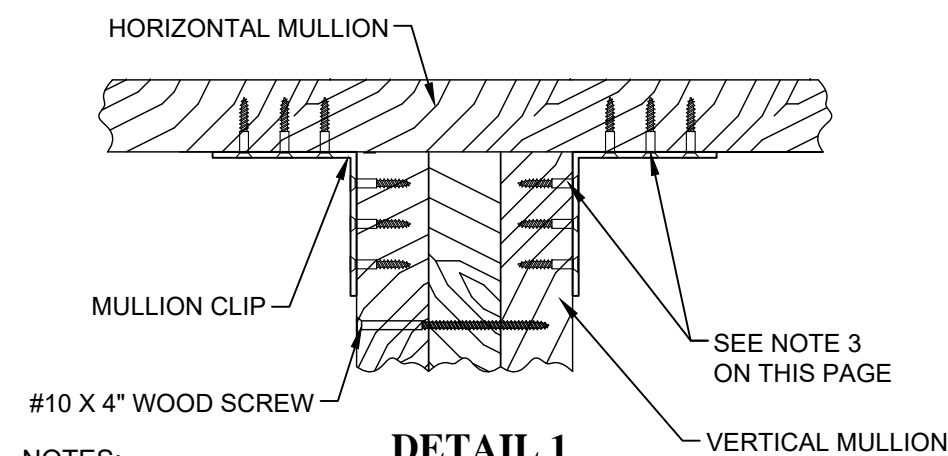
PREPARED BY: FLUSH BOLT DETAIL & GLAZING DETAILS

DRAWN BY:	RJA	DATE:	8/7/20
SCALE:	N.T.S.	DRAWING NO.:	RW0059
REV:	---	SHEET:	27 OF 29

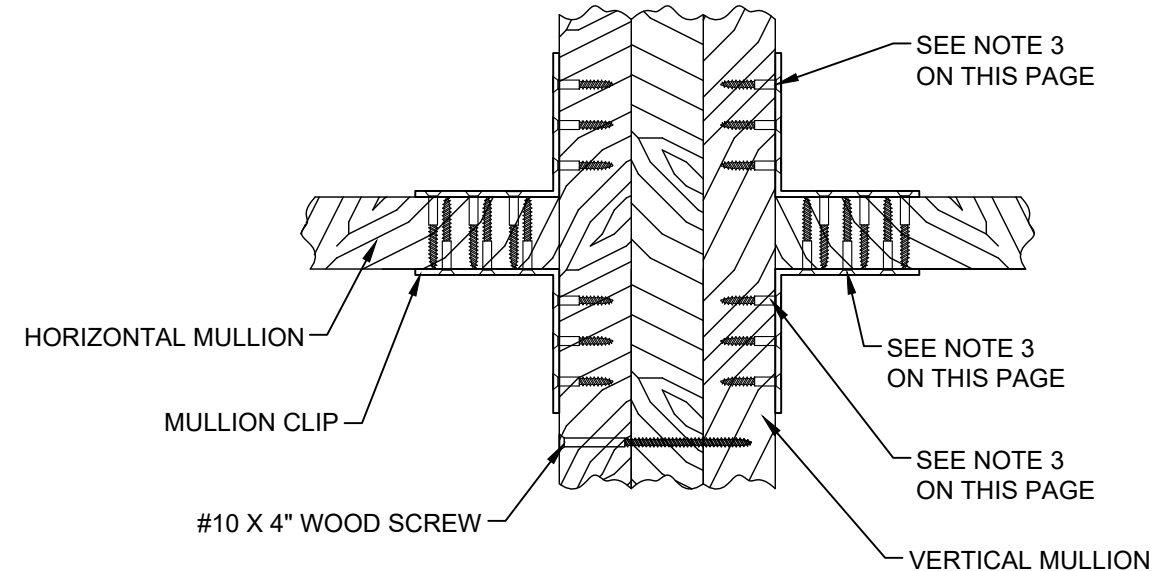
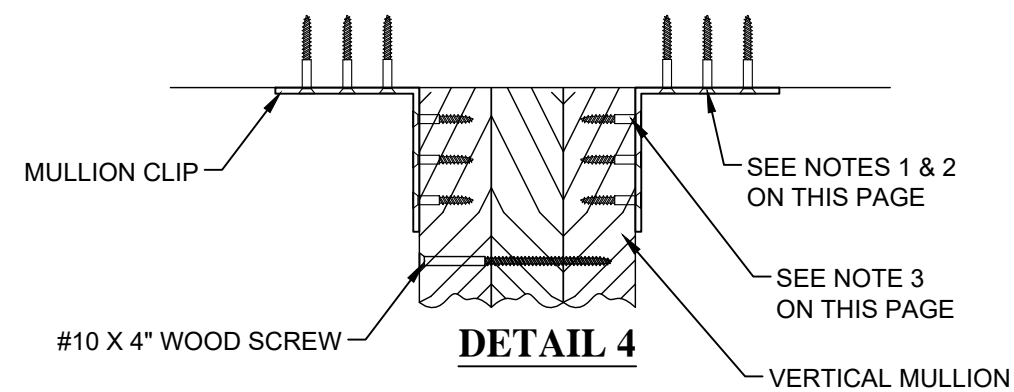
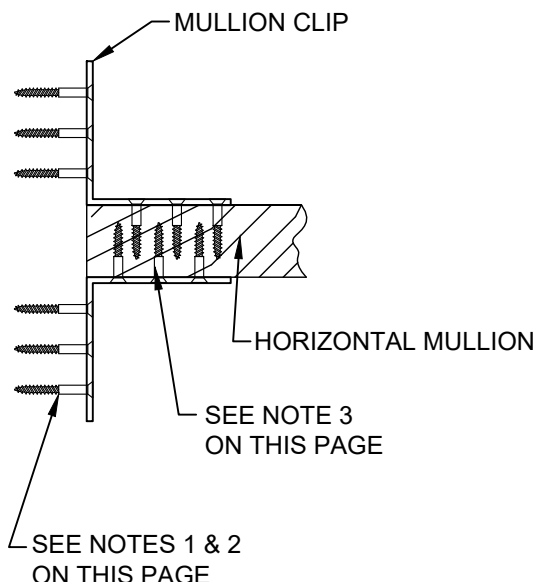
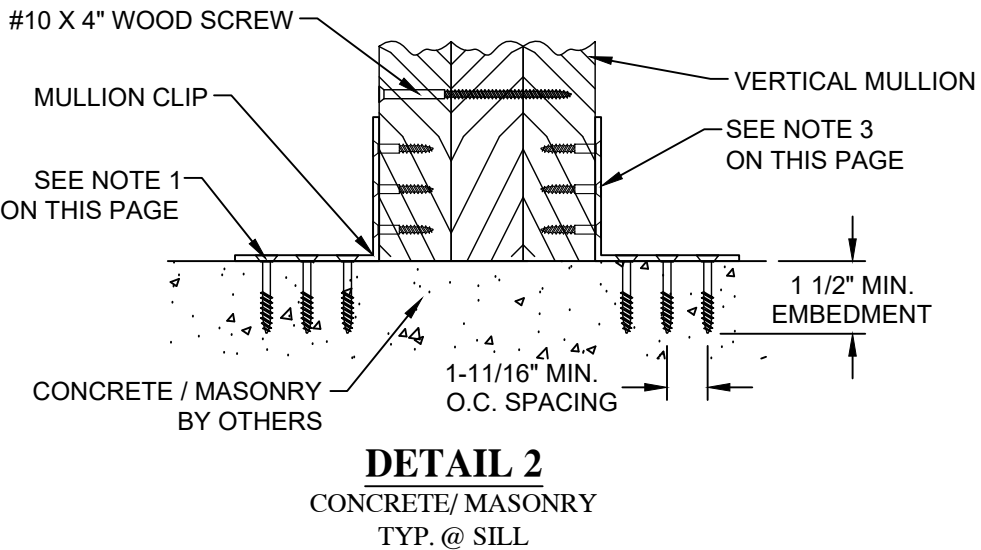
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 630774
LONGWOOD, FLORIDA 32762
FBPE C.A. NO. 25935
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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





- 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 SCREWS 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.

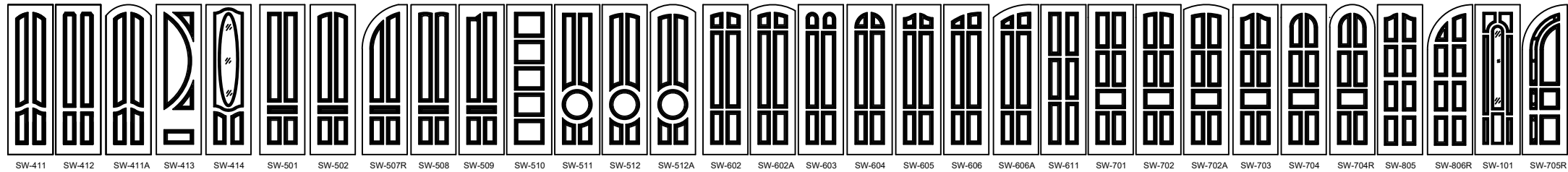
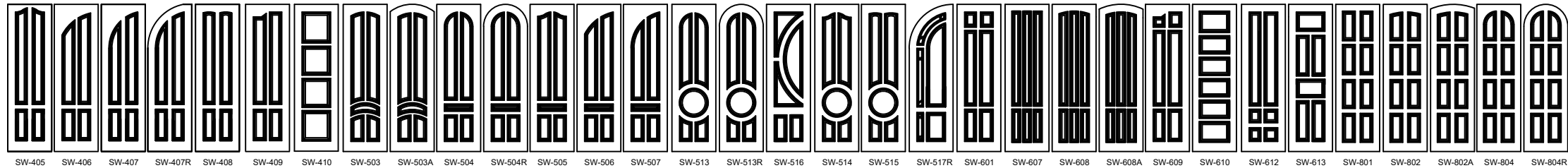
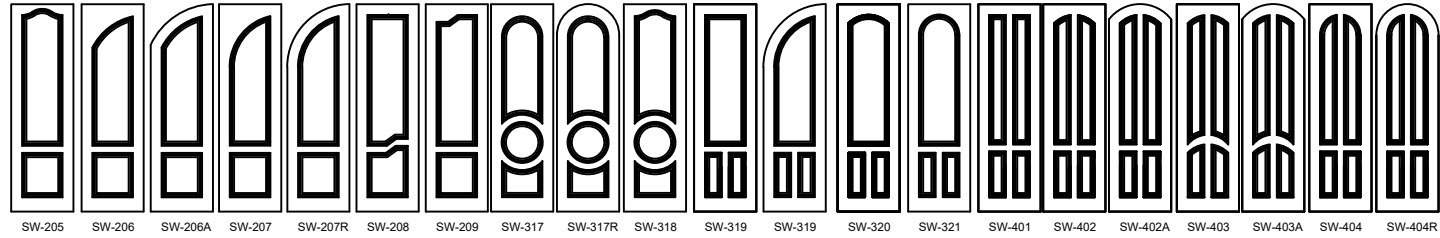
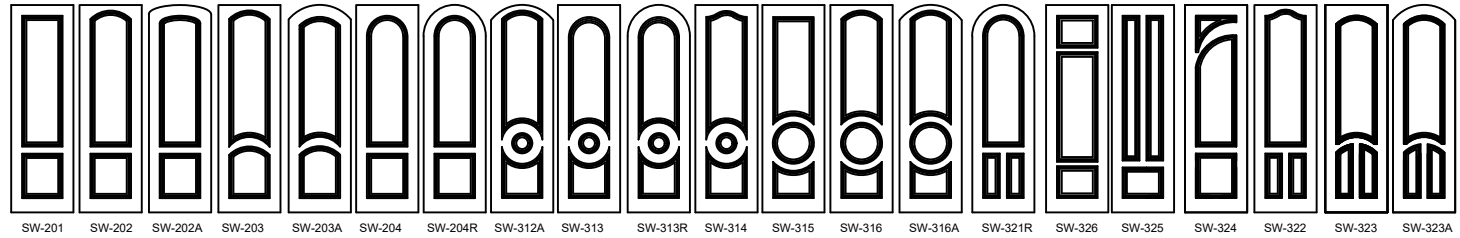
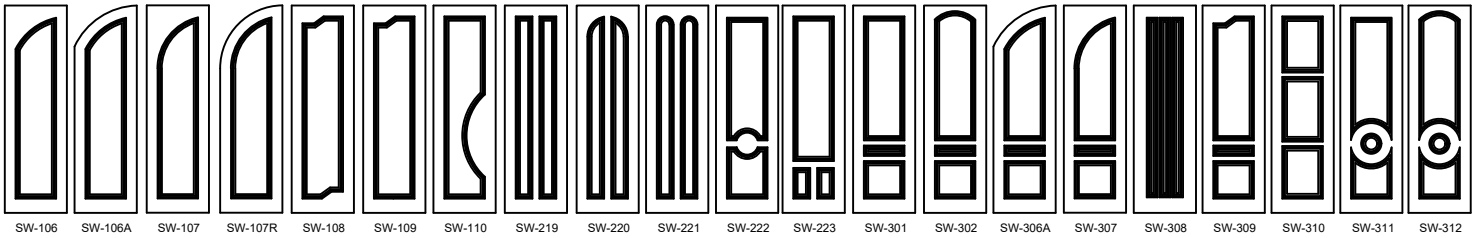
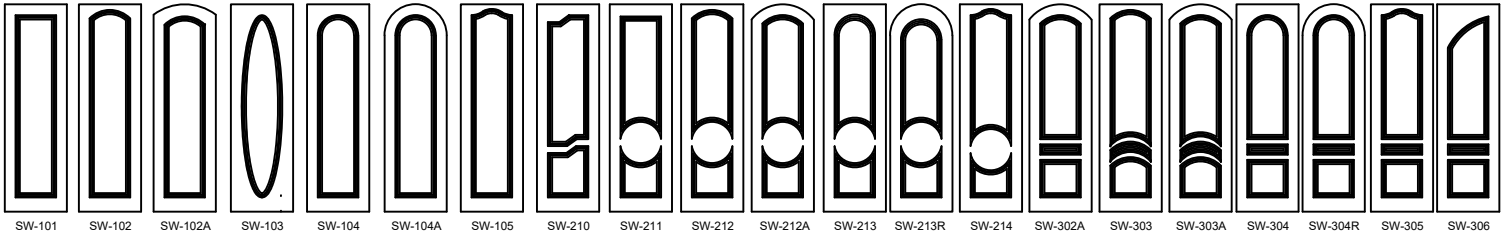


PROJECT #419-0909		DATE	BY
		DESCRIPTION	REV

Real Woods Inc. 1230 N. East Ave Sarasota, FL 34237		DATE: 8/7/20 DRAWING NO: RW0059 SHEET: 28 OF 29
TITLE: 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM MULLION DETAILS		DRAWN BY: RJA SCALE: N.T.S. REV: ---

PREPARED BY: PDC PRODUCT DESIGN GROUP, LLC PO BOX 690774 LONGWOOD, FLORIDA 32762 FBPE C.A. NO. 25935	Phone: 321.690.1788 Fax: 321.690.1789 Email: info@pdc-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 1/2" I.S./O.S. GLAZED/OPAQUE SINGLE IMPACT DOOR W/ & W/O SIDELITES & W/ TRANSOM

OPTIONAL PANEL CONFIGURATIONS

PREPARED BY:
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077
LONGWOOD, FLORIDA 32762
FBPE C.A. NO. 25935

DRAWN BY:
RJA

SCALE:
N.T.S.

REV:

DATE:
8/7/20

DRAWING NO.:
RW0059

SHEET:
29 OF 29

REV

DESCRIPTION

DATE

BY

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