

REAL WOODS LLC

1 3/4" I.S. / O.S. GLAZED / OPAQUE

SINGLE IMPACT DOOR W/ & W /O SIDELITES

INSTALLATION ANCHORAGE DETAILS

PROJECT #419-0909					DATE	BY
					REV	DESCRIPTION

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

1 3/4" I.S. / O.S. GLAZED / OPAQUE SINGLE IMPACT DOOR W/ & W /O SIDELITES
GENERAL AND INSTALLATION NOTES & D.P. CHART

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

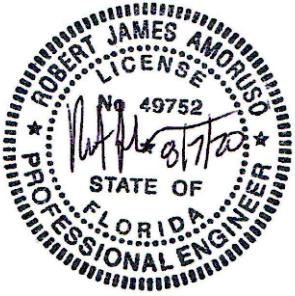
DATE: 8/7/20
DRAWING NO: RW0060
SHEET: 1 OF 16



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Robert J. Amoruso, P.E.
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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 SEALEDTEST REPORTS # NCTL 210-3581-1, DATED 2.11.09, # TEL 06-0418-1 DATED 11/30/07, # TEL 2004-08-30-020 DATED 08/30/04, # TEL 05-1008-3-A DATED 11/15/07 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 (MIN. SPECIFIC GRAVITY 0.51)
6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1. GLAZING DESCRIPTION TO GLAZING DETAIL 1 CAN BE USED FOR ALL DOOR AND SIDELITE PANELS.

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

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INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED 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 IN EACH HINGE. LOCATE HINGE ANCHOR IN THE OUTERMOST HOLE OF THE HINGE LEAF INTO THE HINGE JAMB. ANCHORS ARE TO MATCH TYPE, SIZE, AND EMBEDMENT OF THOSE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE.
3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIMS. MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
4. FOR INSTALLATION INTO WOOD FRAMING, USE #10 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 3/4 INCHES.
5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE 1/4 INCH ITW TAPCONS (ADVANCED THREADFORM) 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.
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:

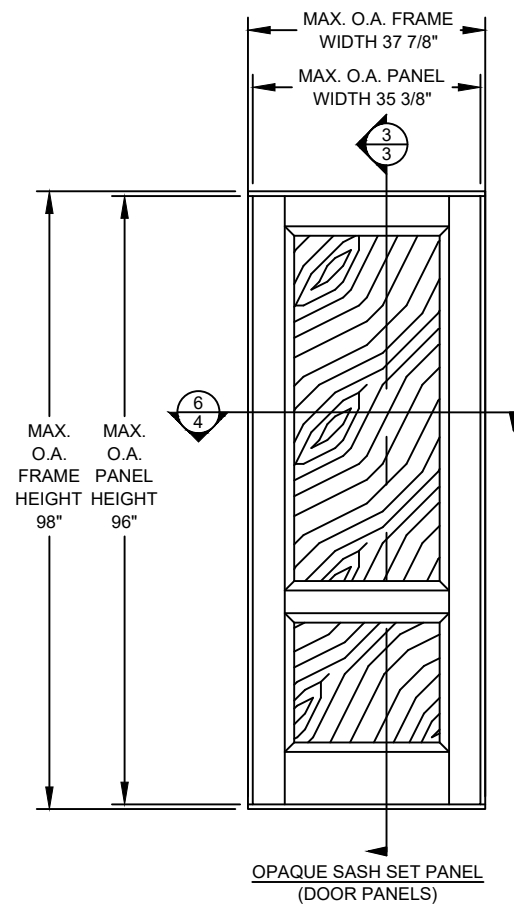
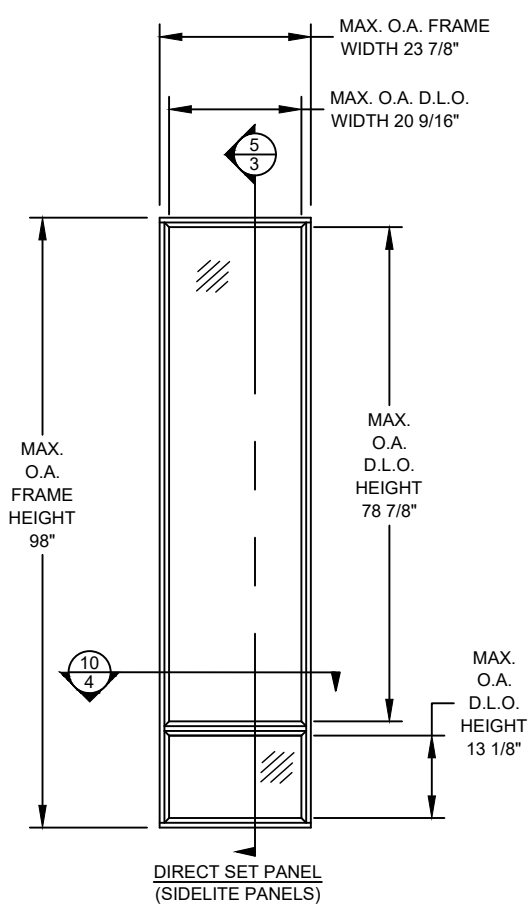
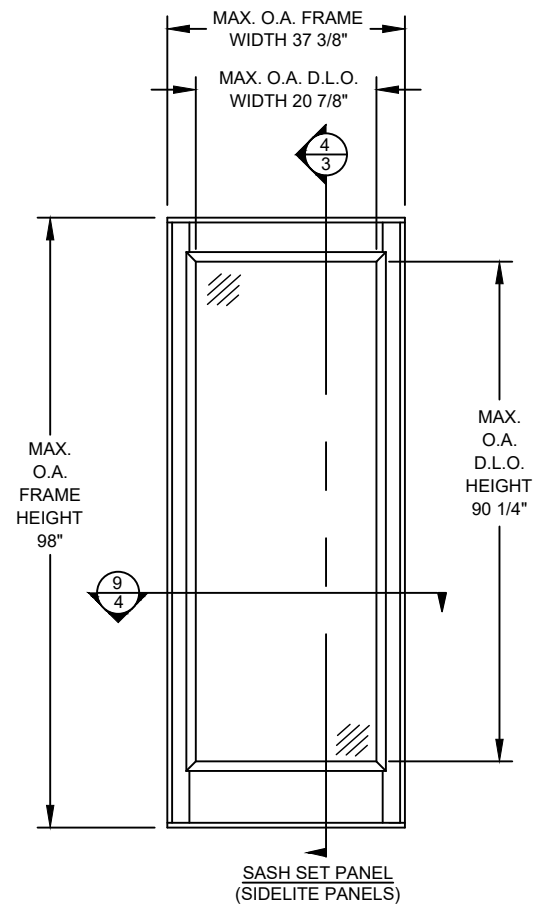
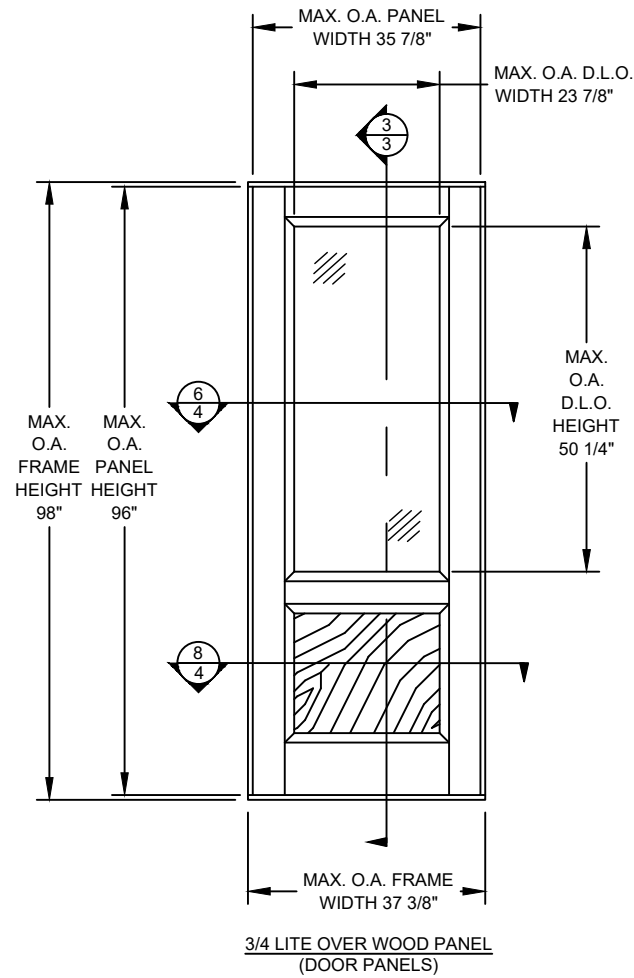
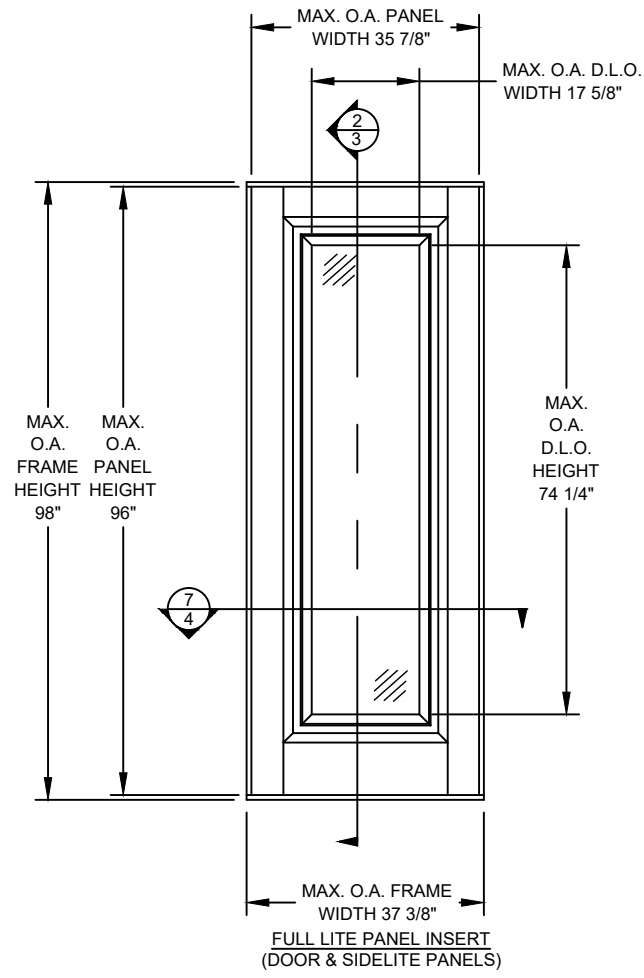
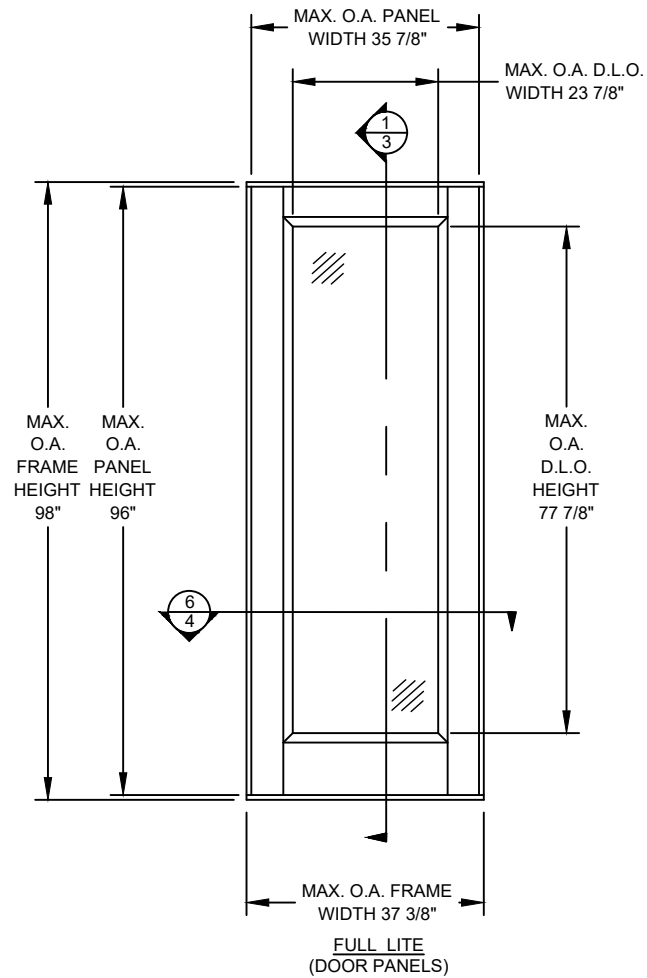
A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42.
B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 psi
C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT.
9. APPROVED HARDWARE:

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

DESIGN PRESSURE (PSF)										
CONFIGURATIONS	SWING	3/4 & FULL LITE DOOR PANELS W/			FULL LITE PANEL INSERT DOOR PANEL W/			OPAQUE DOOR PANEL W/		
		NO SIDELITES	PANEL INSERT SIDELITES	DIRECT SET & SASH SET SIDELITES	NO SIDELITES	PANEL INSERT SIDELITES	DIRECT SET & SASH SET SIDELITES	NO SIDELITES	PANEL INSERT SIDELITES	DIRECT SET & SASH SET SIDELITES
SINGLE DOOR W/ SQUARE/RADIUS TOP NO SIDELITES	*IN	+55.0 / -60.0	N/A	N/A	+65.0 / -65.0	N/A	N/A	+47.0 / -47.0	N/A	N/A
	OUT	+55.0 / -55.0	N/A	N/A	+55.0 / -55.0	N/A	N/A	+55.0 / -55.0	N/A	N/A
SINGLE DOOR W/ & SIDELITE(S)	*IN	N/A	+55.0 / -60.0	+55.0 / -55.0	N/A	+65.0 / -65.0	+55.0 / -55.0	N/A	+47.0 / -47.0	+47.0 / -47.0
	OUT	N/A	+55.0 / -55.0	+55.0 / -55.0	N/A	+55.0 / -55.0	+55.0 / -55.0	N/A	+55.0 / -55.0	+55.0 / -55.0

* NOTE:

WHEN WATER INFILTRATION REQUIREMENT IS NEEDED, CURRENT EDITION OF THE FBC REQUIREMENT OF OVERHANG RATIO EQUAL TO OR GREATER THAN ONE MUST BE MET.



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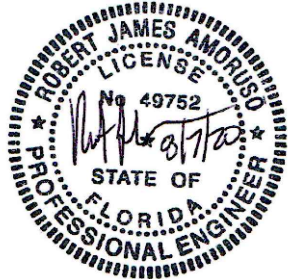
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

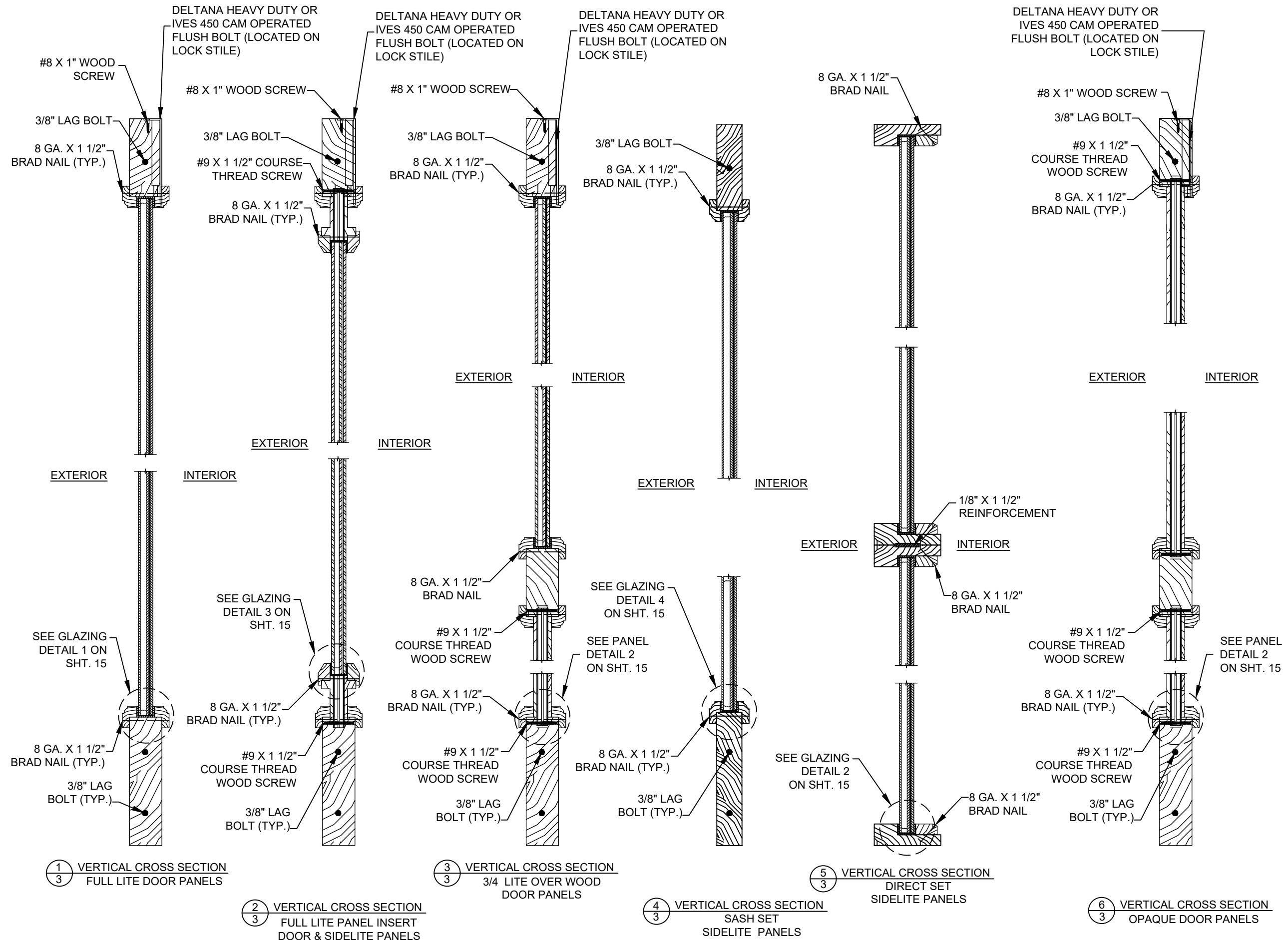
TITLE: 1 3/4" I.S. / O.S. GLAZED / OPAQUE SINGLE IMPACT DOOR W/ & W / O SIDELITES
DOOR PANEL ELEVATIONS

PREPARED BY: RJA
DATE: 8/7/20
SCALE: N.T.S.
DRAWING NO: RW0060
SHEET: 2 OF 16
REV: ---

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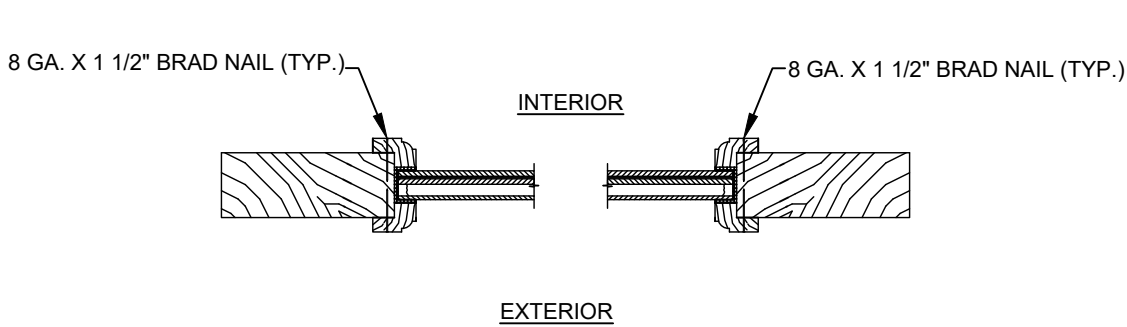
TITLE: 1 3/4" I.S. / O.S. GLAZED / OPAQUE SINGLE IMPACT DOOR W/ & W / O SIDELITES
PANEL VERTICAL SECTIONS

PREPARED BY: RJA
DATE: 8/7/20
DRAWING NO.: RW0060
SHEET: 3 OF 16

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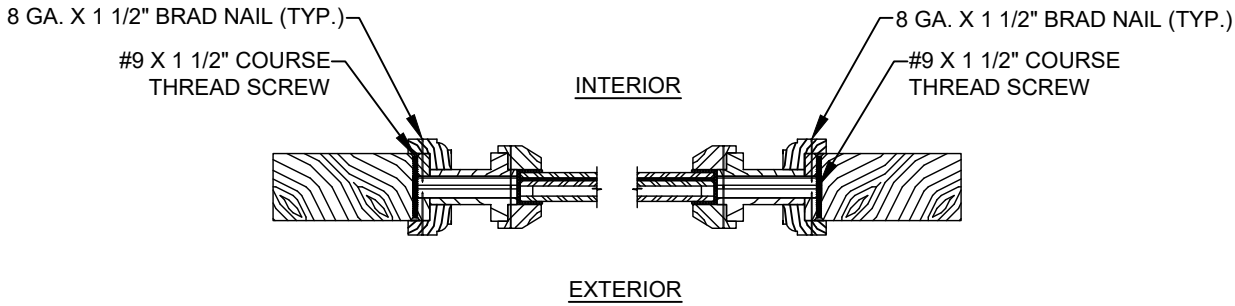
REV	DESCRIPTION	DATE	BY

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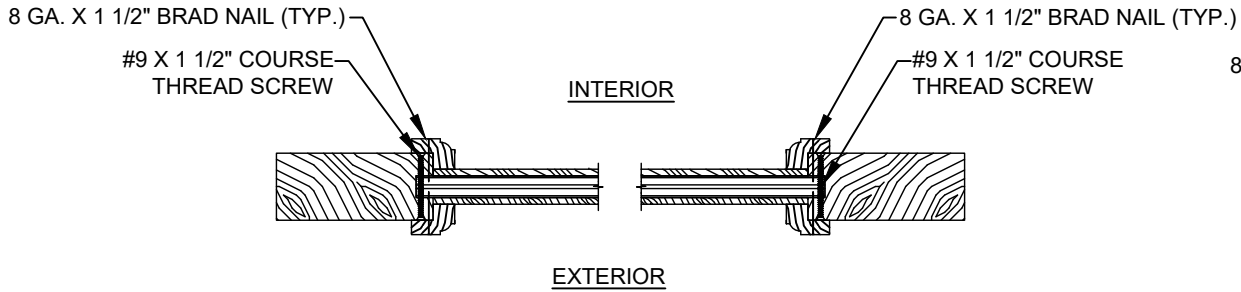
7
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HORIZONTAL CROSS SECTION
FULL LITE DOOR PANELS



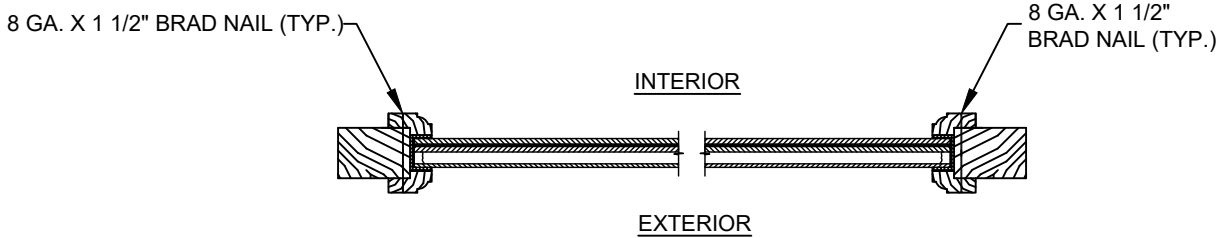
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4

HORIZONTAL CROSS SECTION
FULL LITE PANEL INSERT
DOOR & SIDELITE PANELS



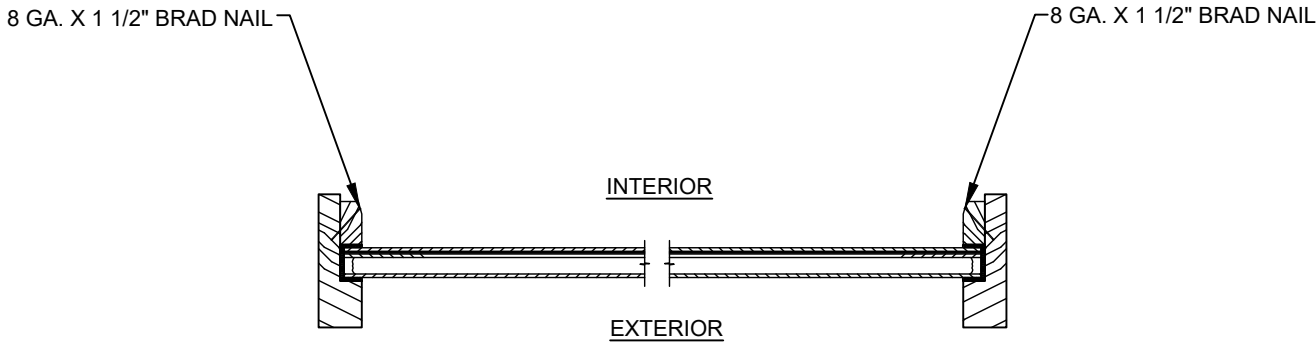
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4

HORIZONTAL CROSS SECTION
OPAQUE DOOR PANELS



10
4

HORIZONTAL CROSS SECTION
SASH SET SIDELITE PANELS



11
4

HORIZONTAL CROSS SECTION
DIRECT SET SIDELITE PANELS

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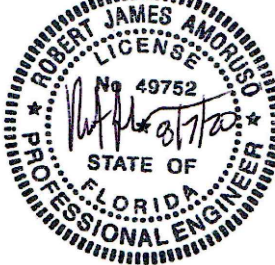
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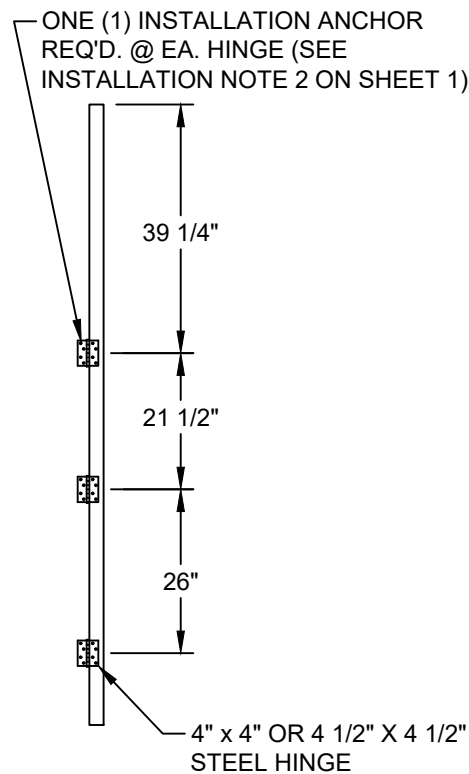
PANEL HORIZONTAL SECTIONS

PREPARED BY:	DRAWN BY:	DATE:	SHEET:
	RJA	8/7/20	4 OF 16
	SCALE:	DRAWING NO:	
	N.T.S.	RW0060	
	REV:		

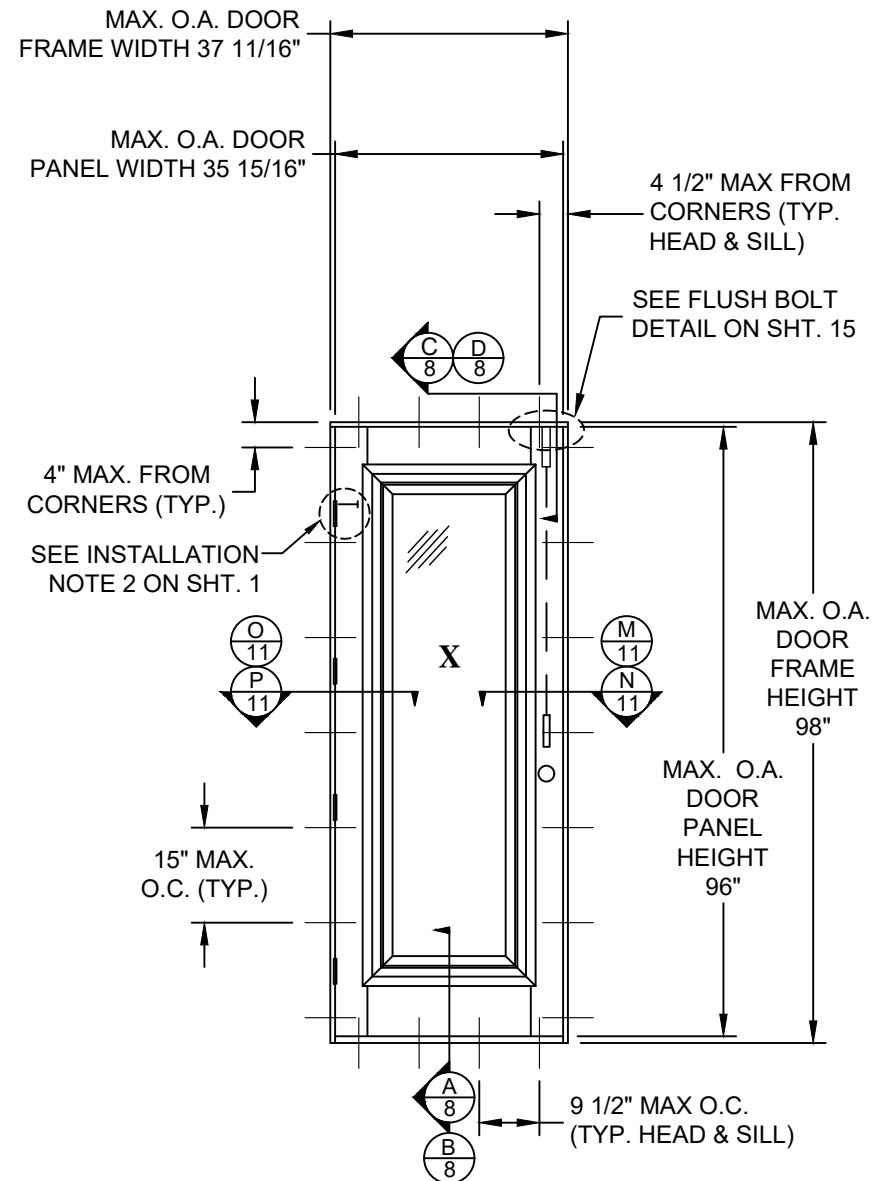
PTC PRODUCT DESIGN GROUP, LLC
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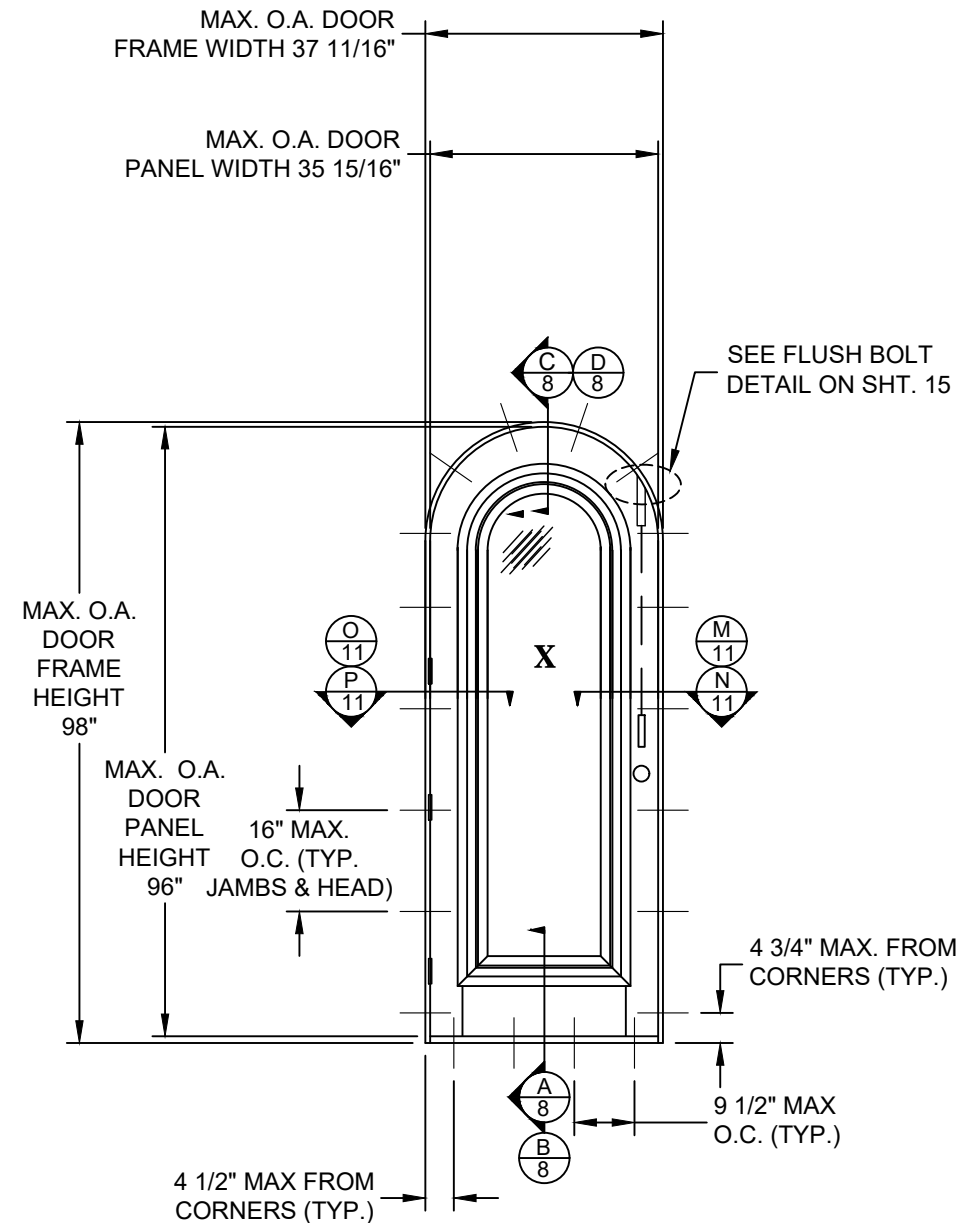


HINGE LOCATION



ELEVATION & ANCHOR LAYOUT

SQUARE TOP SINGLE DOOR (X)
EXTERIOR VIEW
INSWING / OUTSWING



ELEVATION & ANCHOR LAYOUT

RADIUS TOP SINGLE DOOR (X)
EXTERIOR VIEW
INSWING / OUTSWING

PROJECT #419-0909

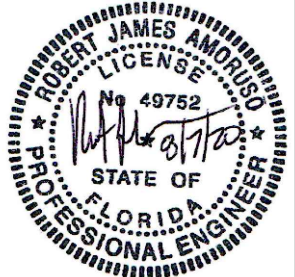
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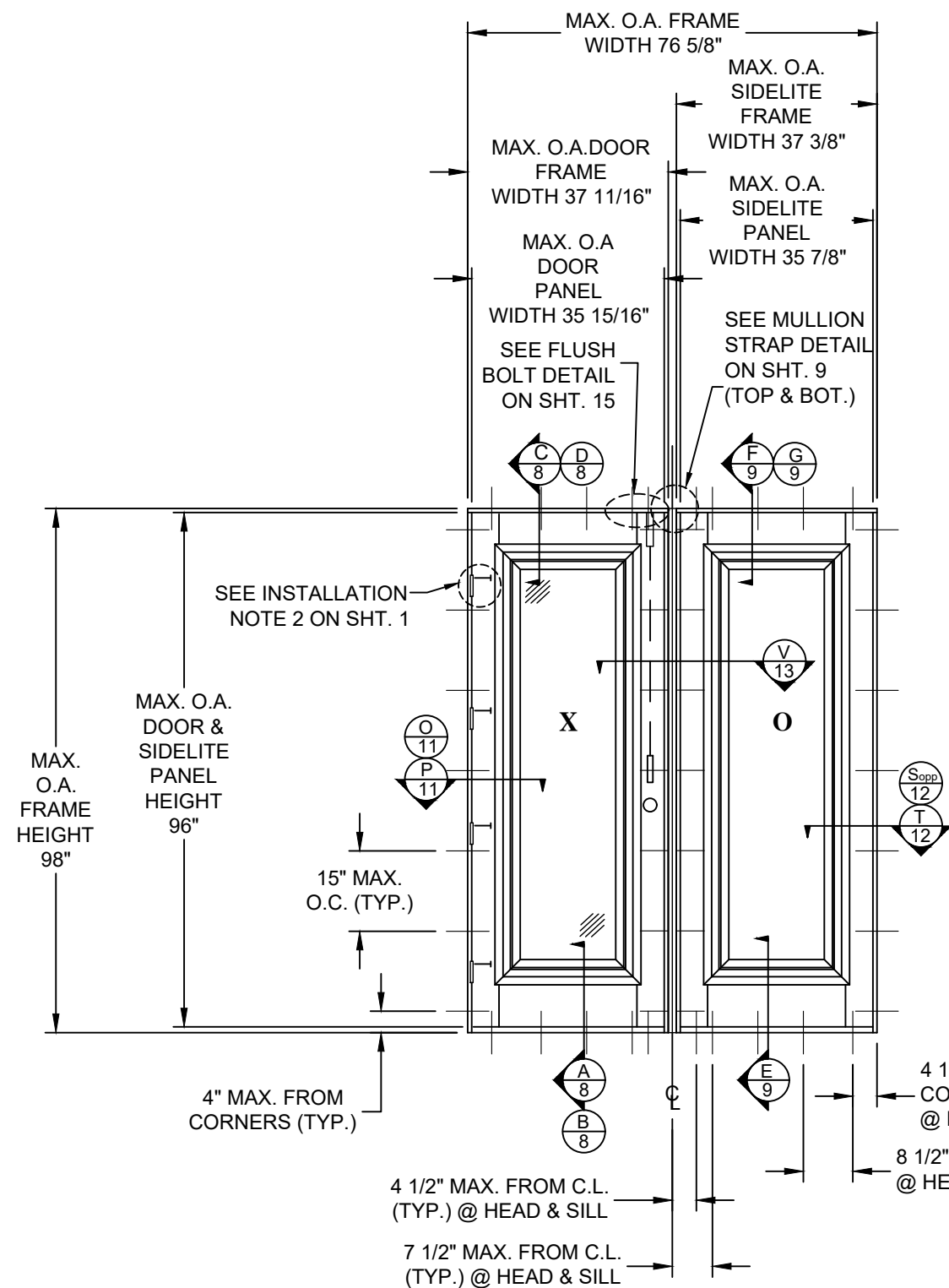
TITLE: 1 3/4" I.S. / O.S. GLAZED / OPAQUE SINGLE IMPACT DOOR W/ & W / O SIDELITES
ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY: RJA
DRAWN BY: RJA
DATE: 8/7/20
SCALE: N.T.S.
DRAWING NO: RW0060
REV: ---
SHEET: 5 OF 16

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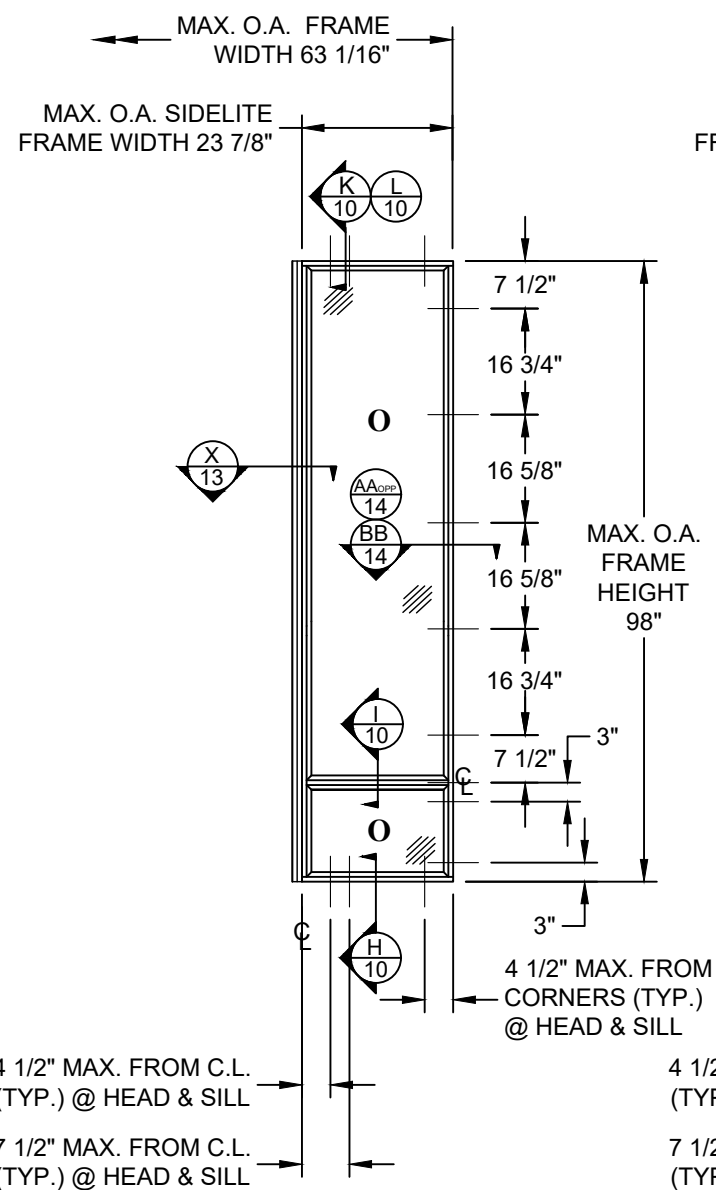
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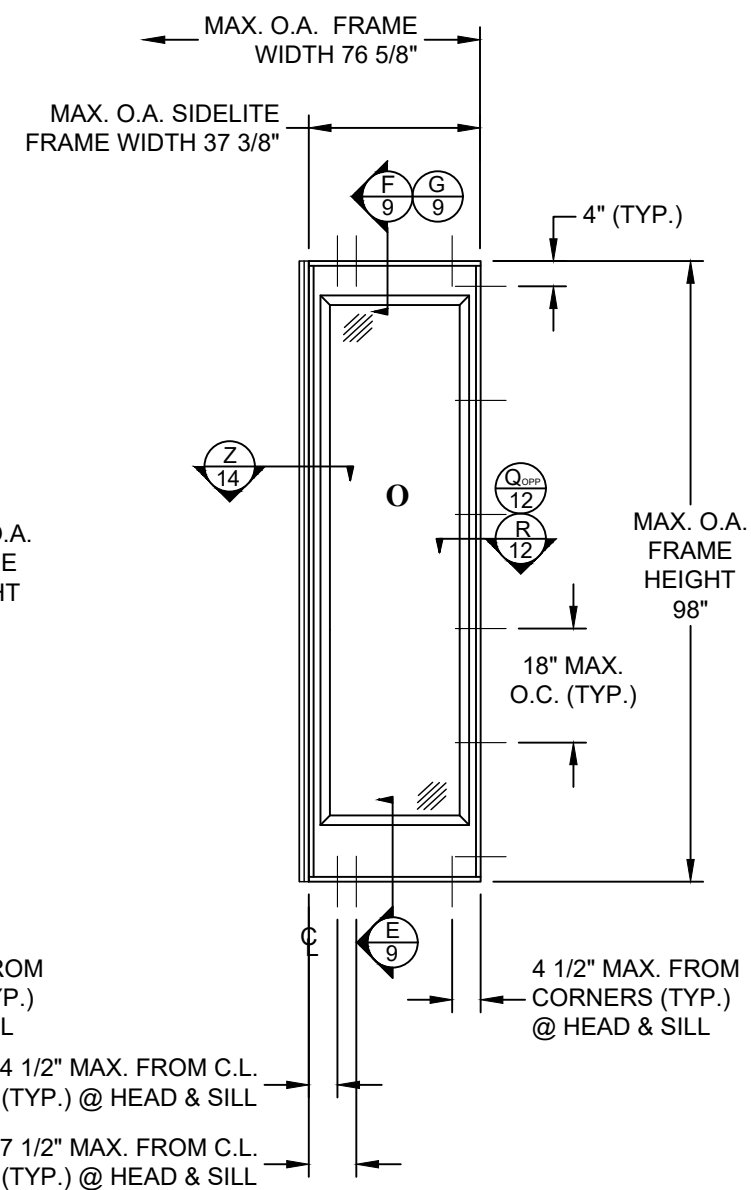
ELEVATION & ANCHOR LAYOUT

SQUARE TOP SINGLE DOOR W/
PANEL INSERT SIDELITE (XO (SHOWN) OR OX)
EXTERIOR VIEW
INSWING / OUTSWING



ELEVATION & ANCHOR LAYOUT

OPTIONAL DIRECT SET SIDELITE
EXTERIOR VIEW
INSWING / OUTSWING



ELEVATION & ANCHOR LAYOUT

OPTIONAL SASH SET SIDELITE
EXTERIOR VIEW
INSWING / OUTSWING

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ELEVATIONS & ANCHOR LAYOUTS

PREPARED BY: DATE: 8/7/20

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SCALE: N.T.S.

DRAWING NO: RW0060

REV: ---

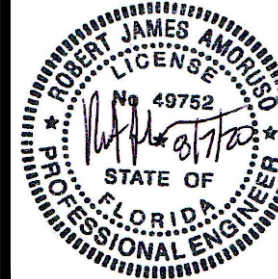
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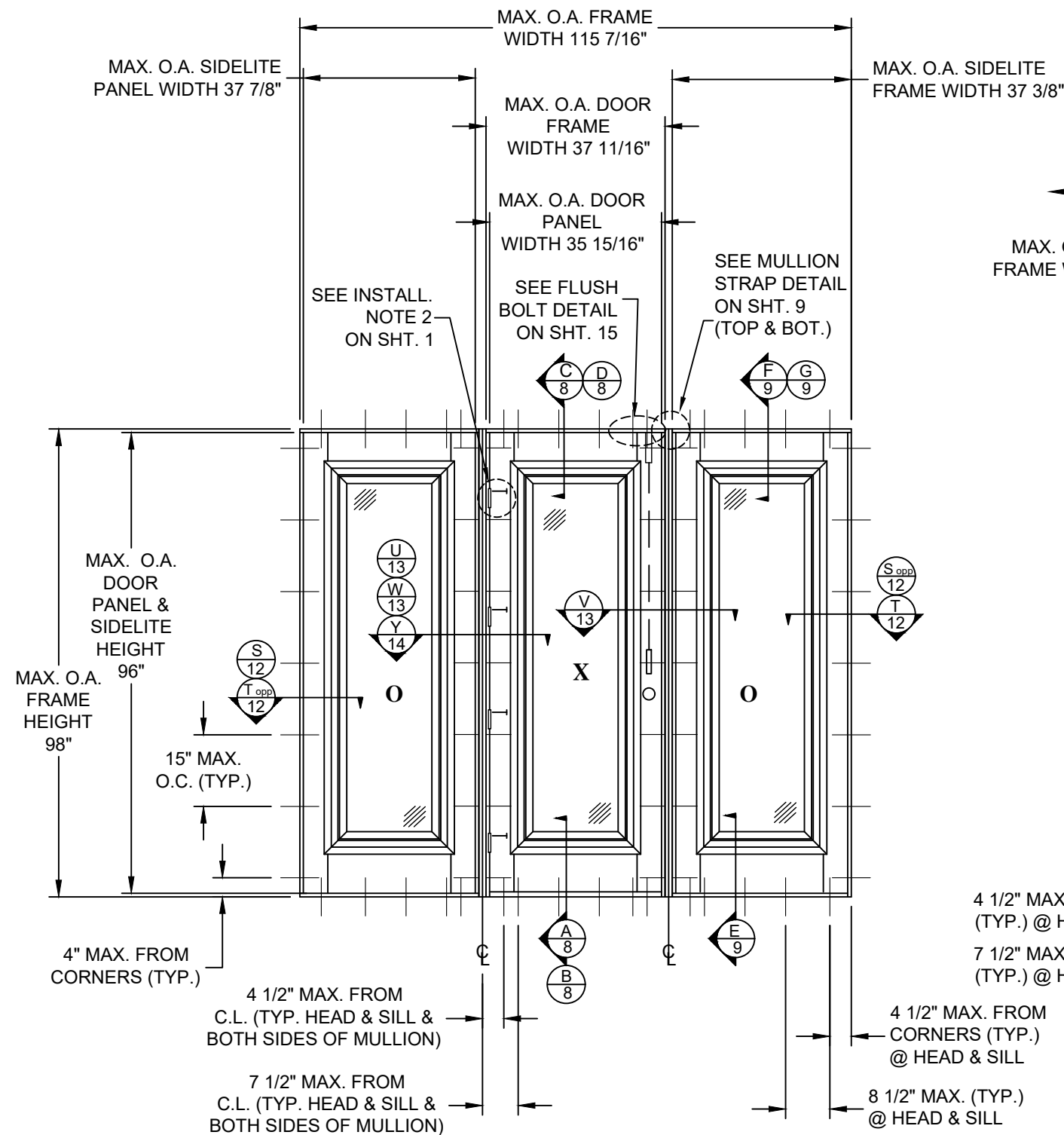
DESCRIPTION

DATE

BY

Robert J. Amoroso, P.E.
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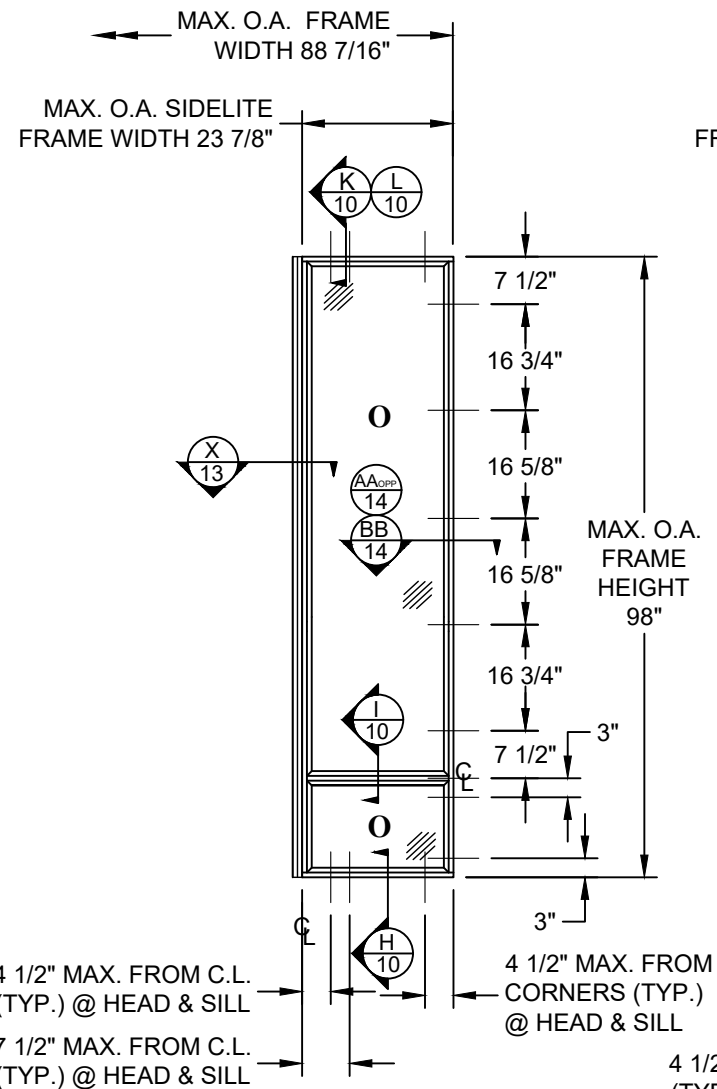




ELEVATION & ANCHOR LAYOUT

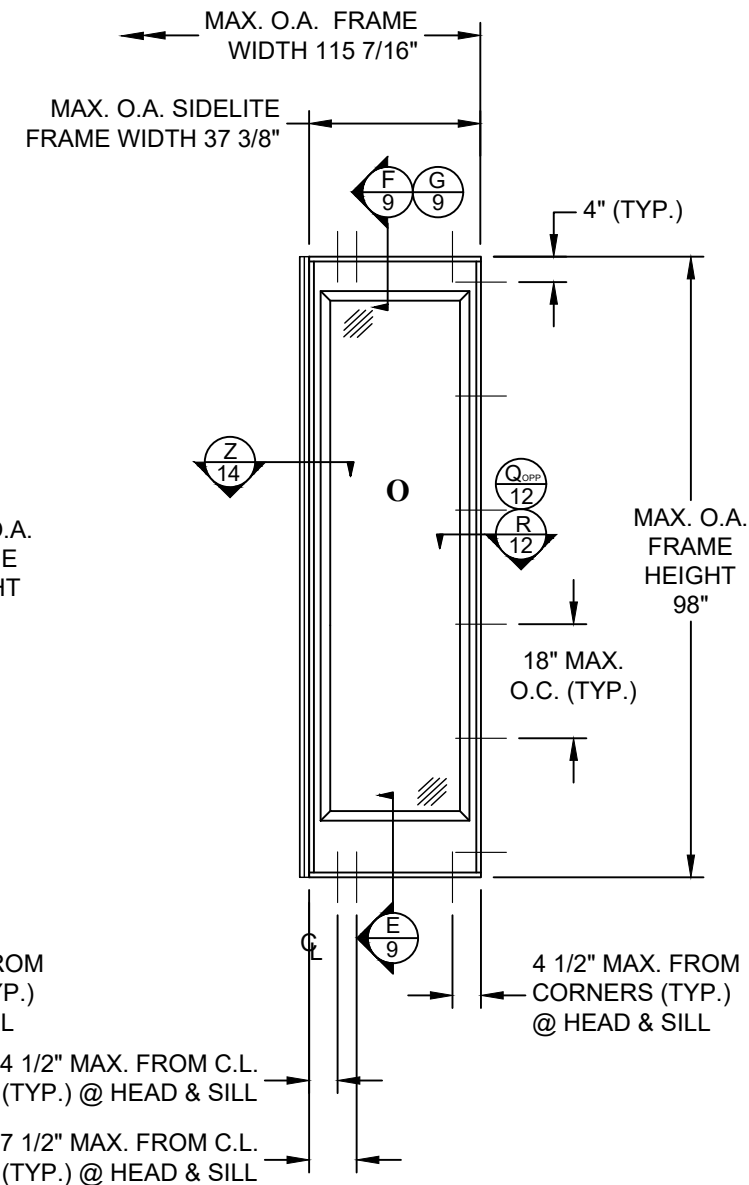
SQUARE TOP SINGLE DOOR W / SIDELITES (OXO)

EXTERIOR VIEW
INSWING / OUTSWING



ELEVATION & ANCHOR LAYOUT

OPTIONAL DIRECT SET SIDELITE
EXTERIOR VIEW
INSWING / OUTSWING



ELEVATION & ANCHOR LAYOUT

OPTIONAL SASH SET SIDELITE
EXTERIOR VIEW
INSWING / OUTSWING

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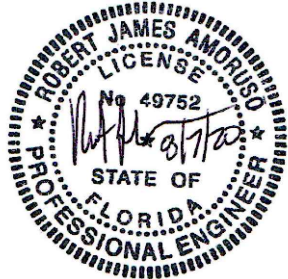
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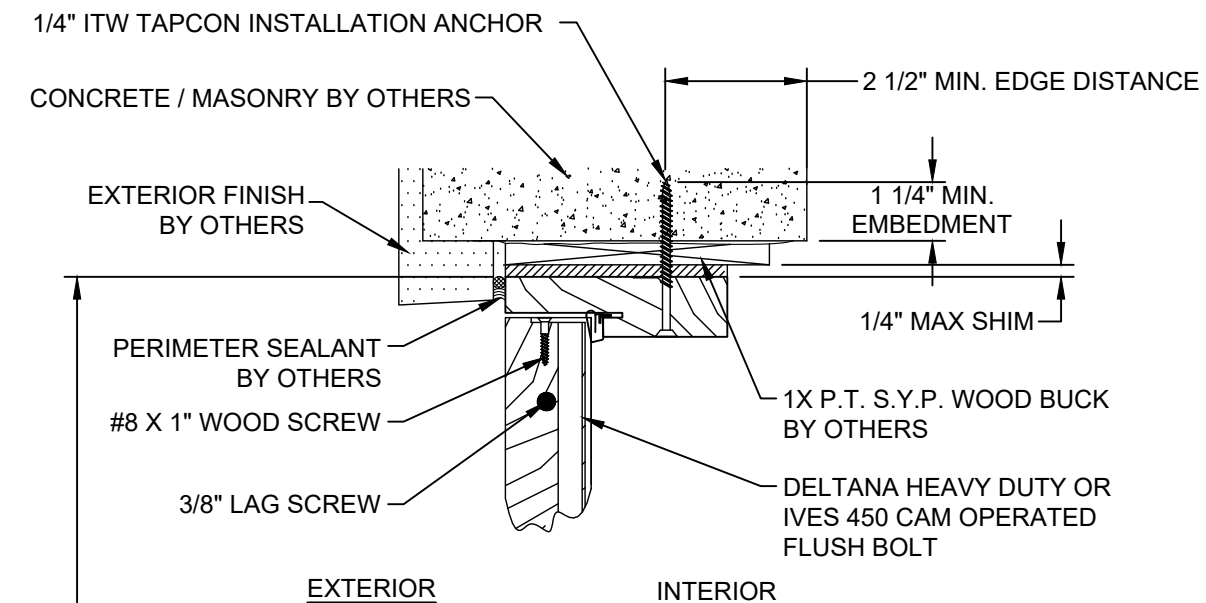
DESCRIPTION

DATE

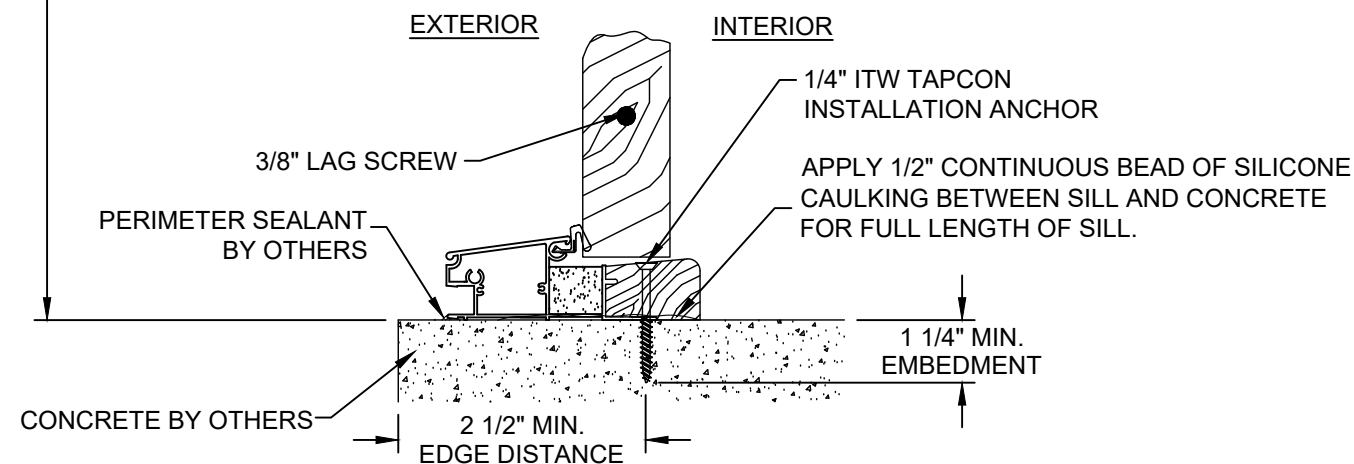
BY

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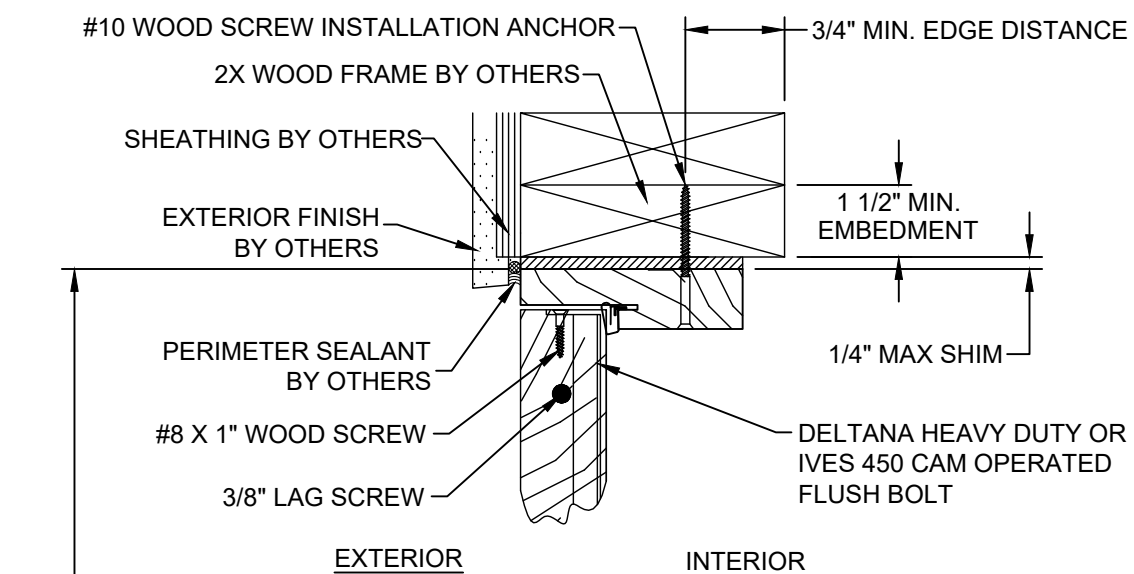


C **VERTICAL SECTION**
GLAZED / OPAQUE DOOR PANEL AT HEAD
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 1, 2, 3 & 6 FOR
APPROPRIATE DOOR SECTIONS)

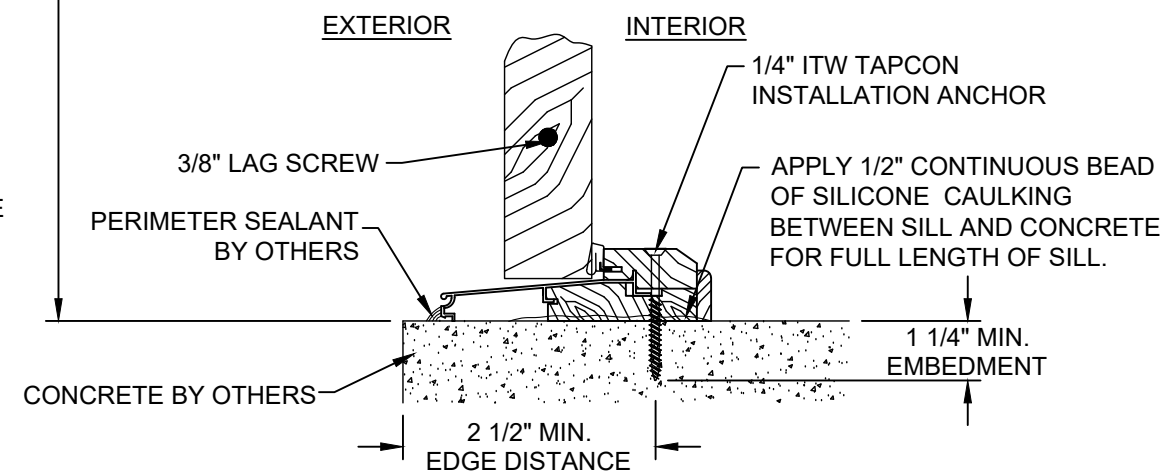


(OPTIONAL A.D.A. THRESHOLD
@ ±50.0 PSF D.P.)

A **VERTICAL SECTION**
GLAZED / OPAQUE DOOR PANEL AT SILL
CONCRETE / MASONRY SUBSTRATE
INSWING SHOWN
(SEE SHEET 3 SECTIONS 1, 2, 3 & 6 FOR
APPROPRIATE DOOR SECTIONS)



D **VERTICAL SECTION**
GLAZED / OPAQUE DOOR PANEL AT HEAD
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTIONS 1, 2, 3 & 6 FOR
APPROPRIATE DOOR SECTIONS)



(OPTIONAL A.D.A. THRESHOLD
@ ±50.0 PSF D.P.)

B **VERTICAL SECTION**
GLAZED / OPAQUE DOOR PANEL AT SILL
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN
(SEE SHEET 3 SECTIONS 1, 2, 3 & 6 FOR
APPROPRIATE DOOR SECTIONS)

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TITLE: 1 3/4" I.S. / O.S. GLAZED / OPAQUE SINGLE IMPACT DOOR W/ & W / O SIDELITES

VERTICAL SECTIONS

DATE: 8/7/20

DRAWN BY: RJA

DRAWING NO: RW0060

SHEET: 8 OF 16

SCALE: N.T.S.

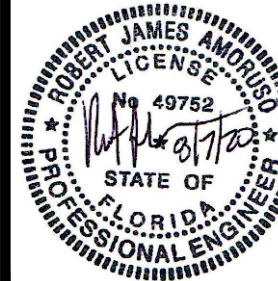
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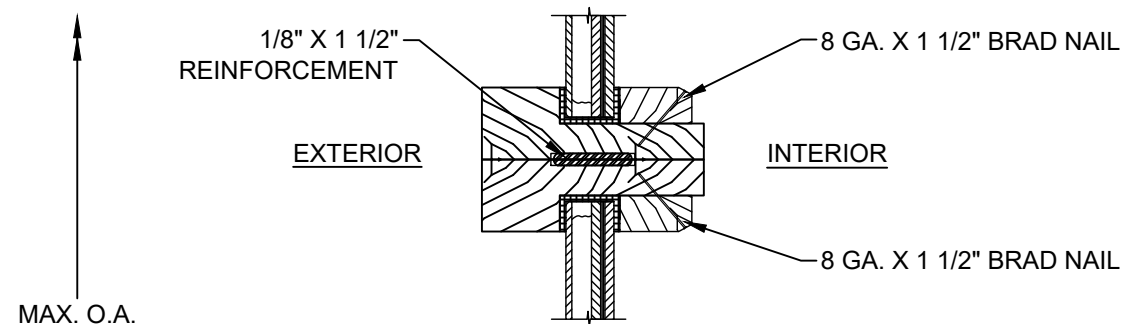
BY: DATE

DESCRIPTION

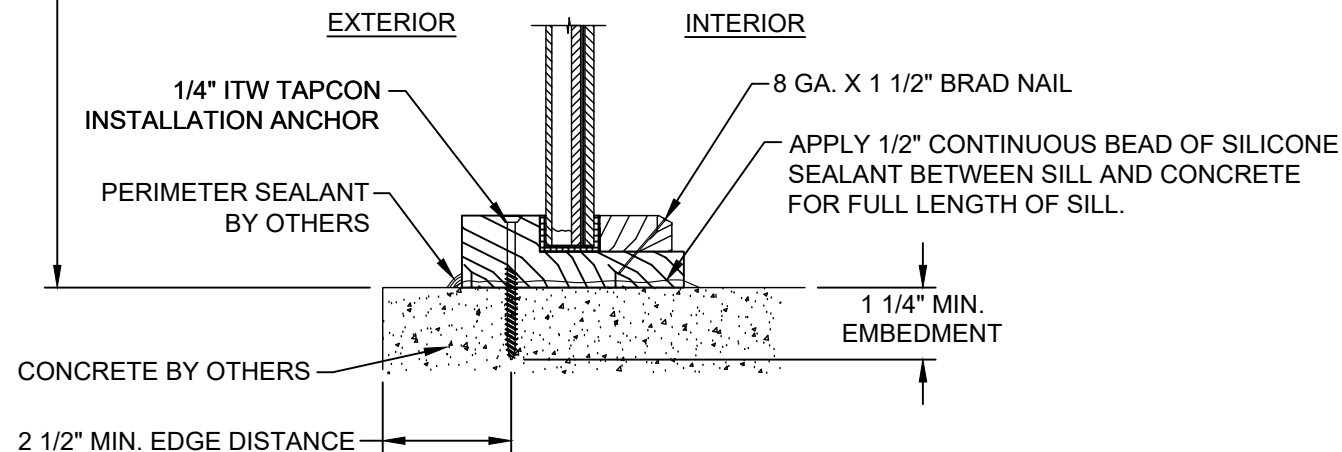
REV

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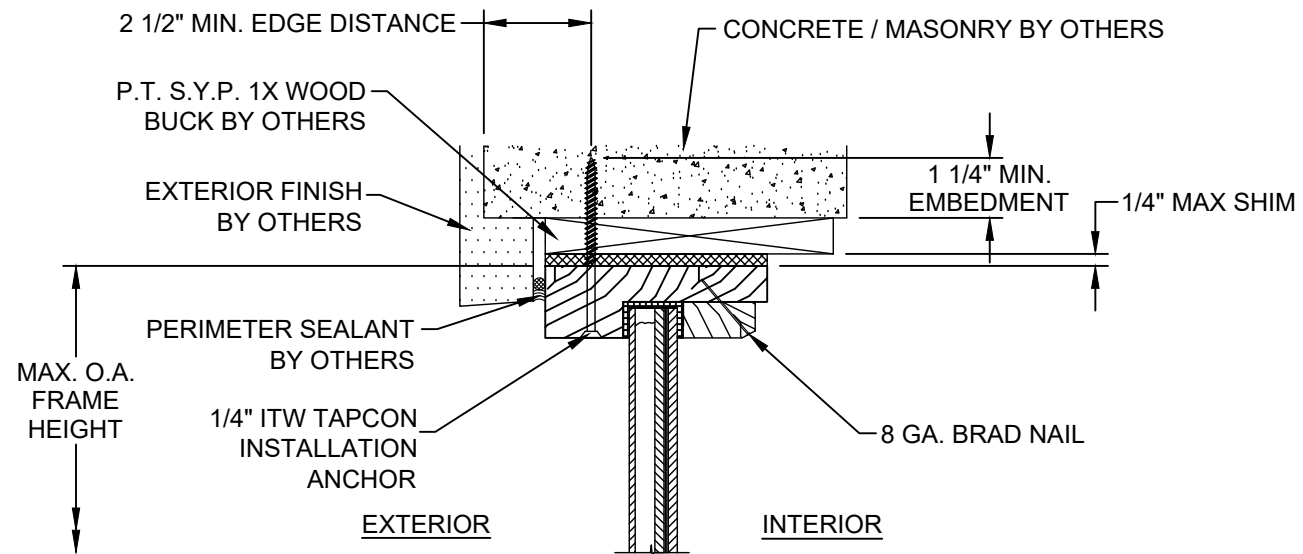




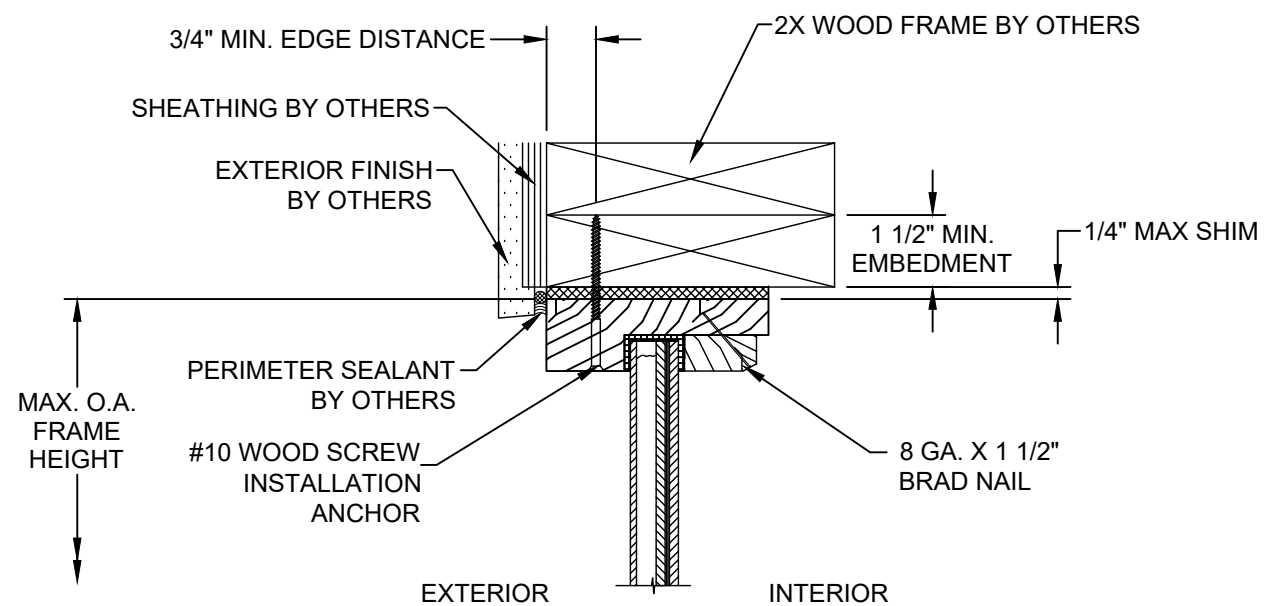
I **VERTICAL SECTION**
GLAZED DIRECT SET SIDELITE AT
INTERMEDIATE RAIL
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 3 SECTION 5 FOR
APPROPRIATE SIDELITE SECTION)



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 SECTION)



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



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

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VERTICAL SECTIONS

DATE: 8/7/20

DRAWING NO: RW0060

SHEET: 10 OF 16

DRAWN BY: RJA

SCALE: N.T.S.

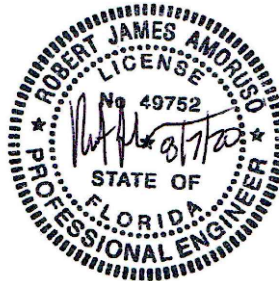
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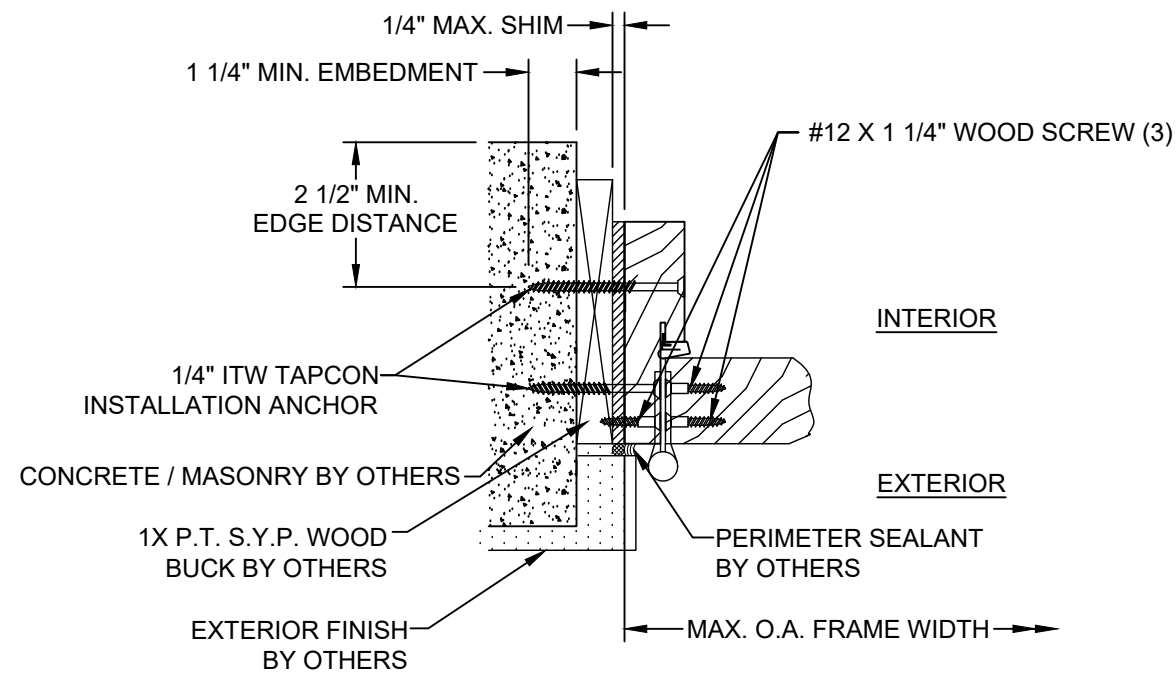
PREPARED BY:

PTC PRODUCT DESIGN GROUP, LLC

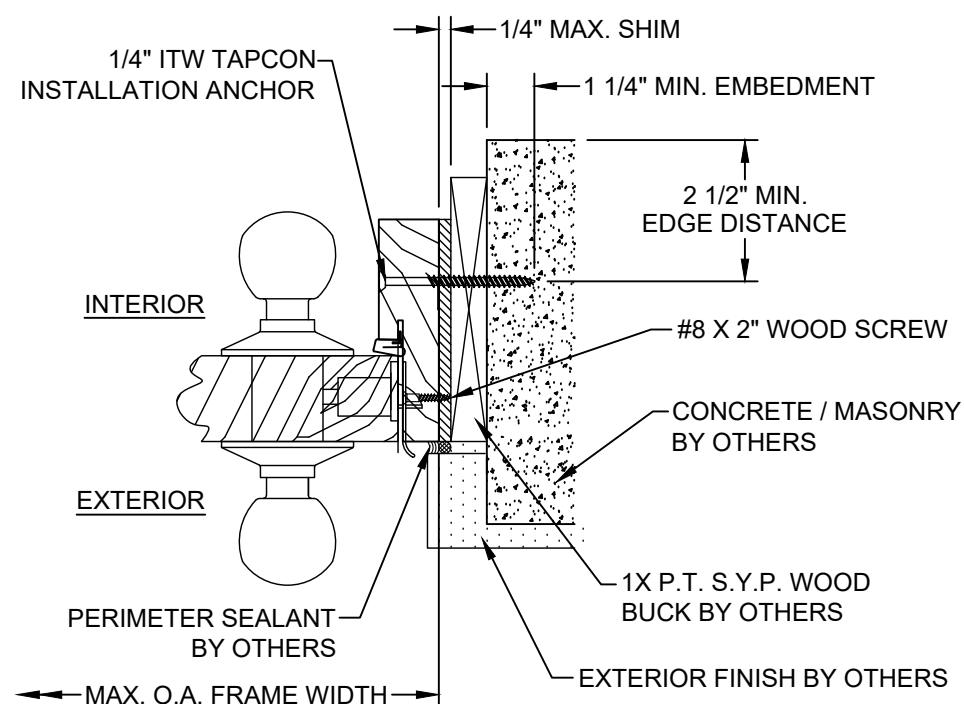
LONGWOOD, FLORIDA 32752

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

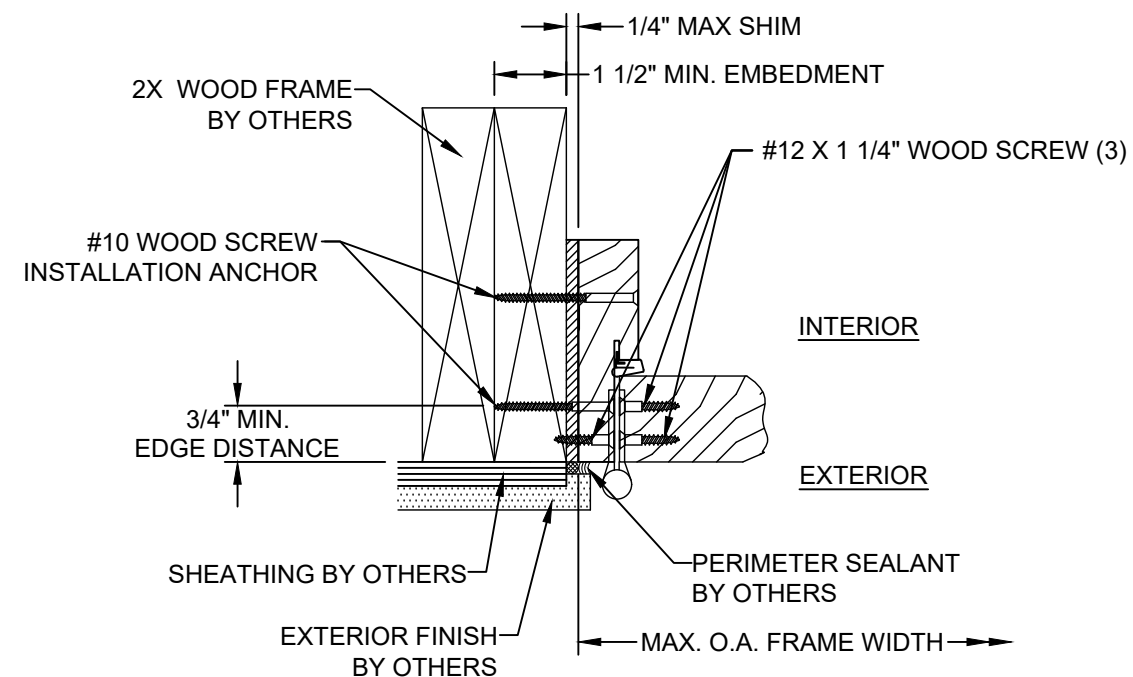




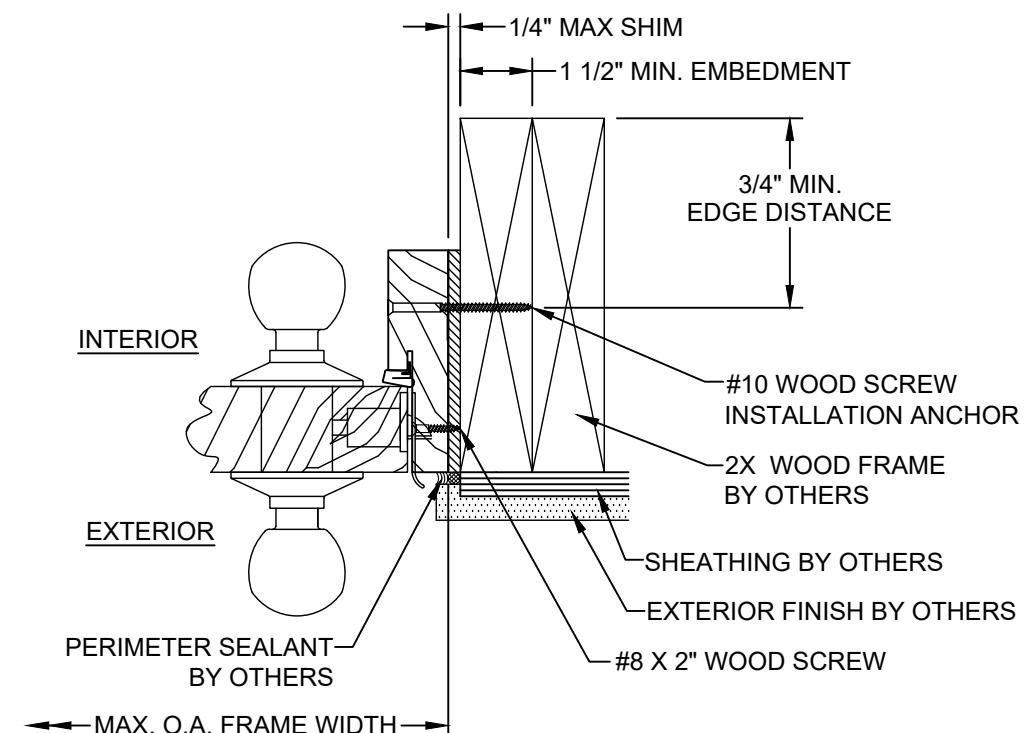
O **HORIZONTAL SECTION**
GLAZED / OPAQUE HINGE STILE DOOR PANEL AT JAMB
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 7, 8 & 9 FOR
APPROPRIATE DOOR SECTIONS)



M **HORIZONTAL SECTION**
GLAZED / OPAQUE LOCK STILE DOOR AT JAMB
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 7, 8 & 9 FOR
APPROPRIATE DOOR SECTIONS)



P **HORIZONTAL SECTION**
GLAZED / OPAQUE HINGE STILE DOOR PANEL AT JAMB
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 7, 8 & 9 FOR
APPROPRIATE DOOR SECTIONS)



N **HORIZONTAL SECTION**
GLAZED / OPAQUE LOCK STILE DOOR PANEL AT JAMB
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 7, 8 & 9 FOR
APPROPRIATE DOOR SECTIONS)

PROJECT #419-0909

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

TITLE: 1 3/4" I.S. / O.S. GLAZED / OPAQUE SINGLE IMPACT DOOR W/ & W / O SIDELITES

HORIZONTAL SECTIONS

DRAWN BY: RJA

DATE: 8/7/20

SCALE: N.T.S.

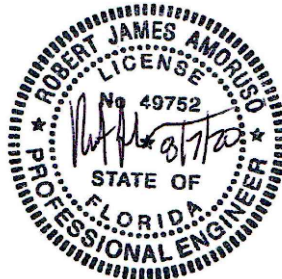
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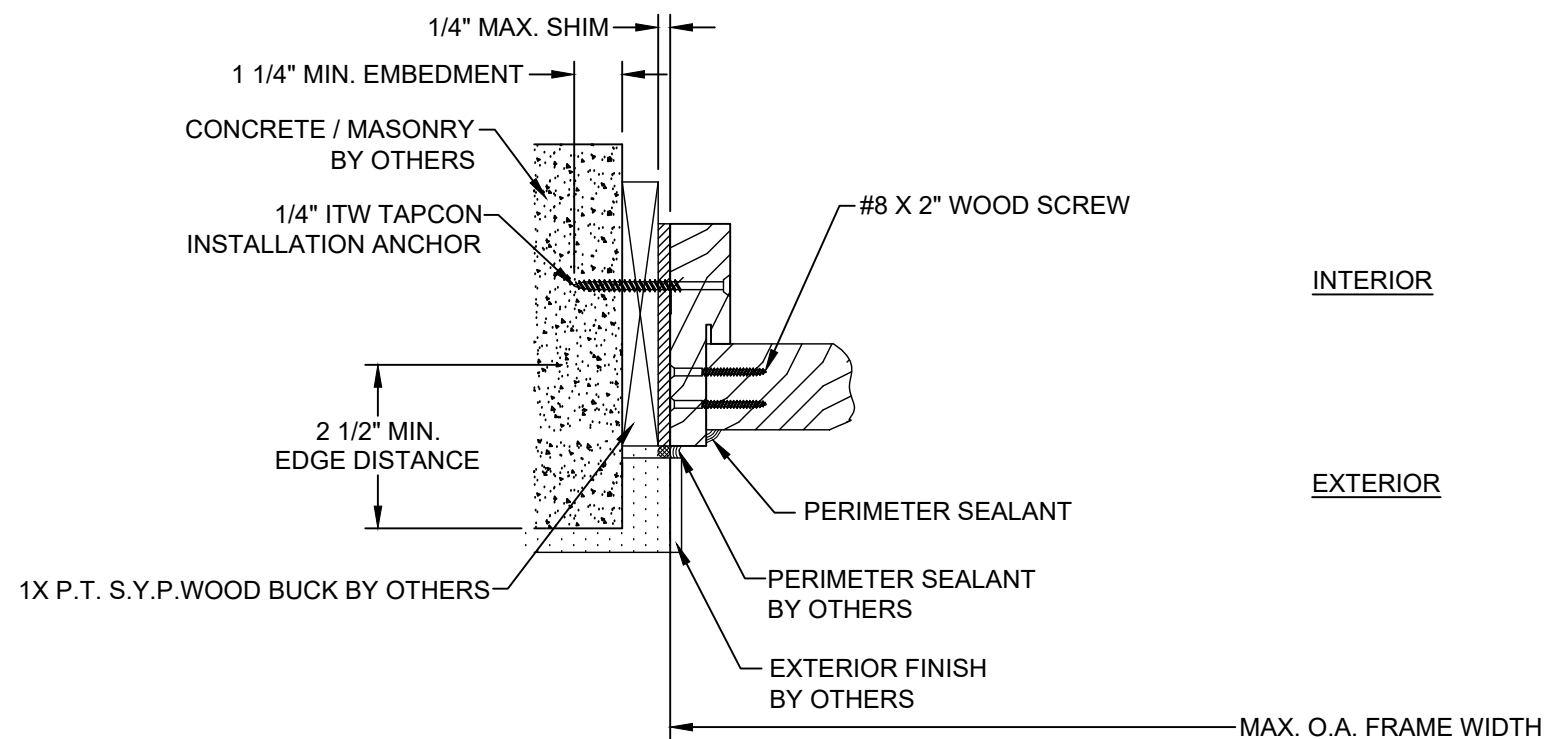
REV: ---

SHEET: 11 OF 16



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

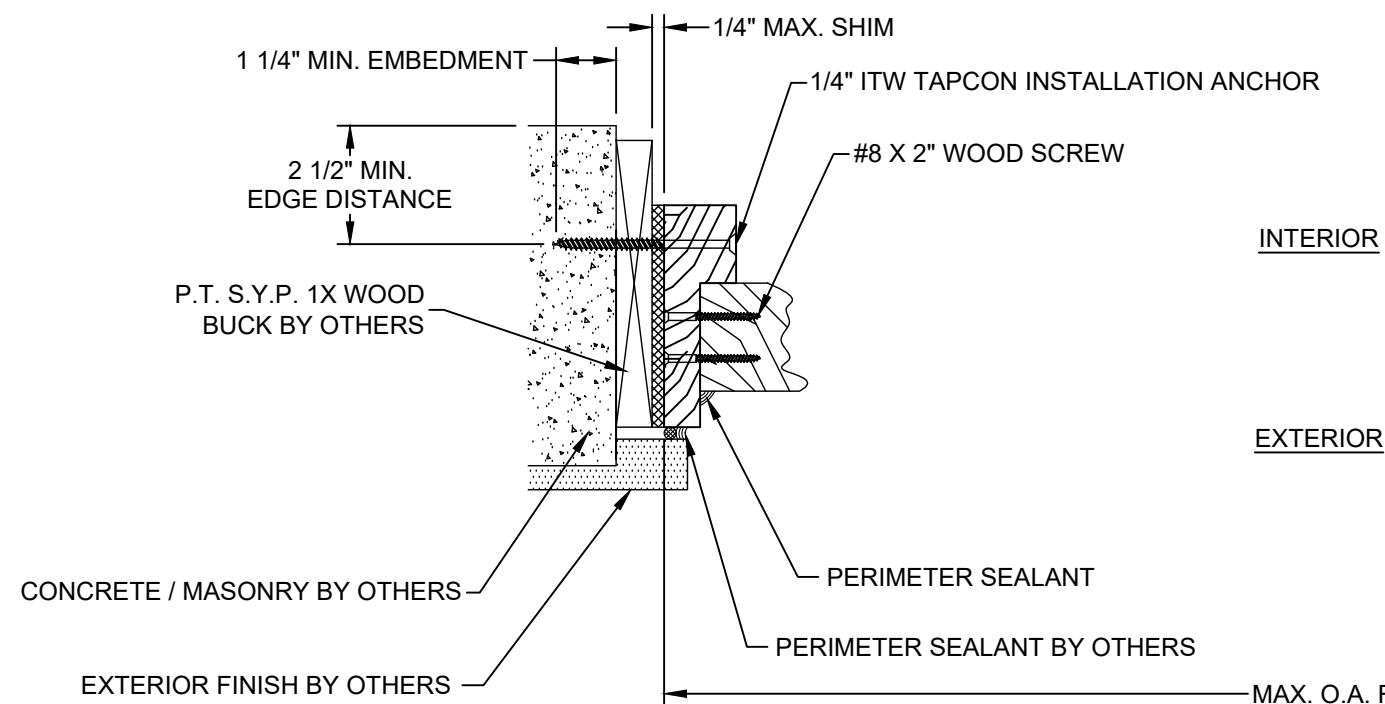




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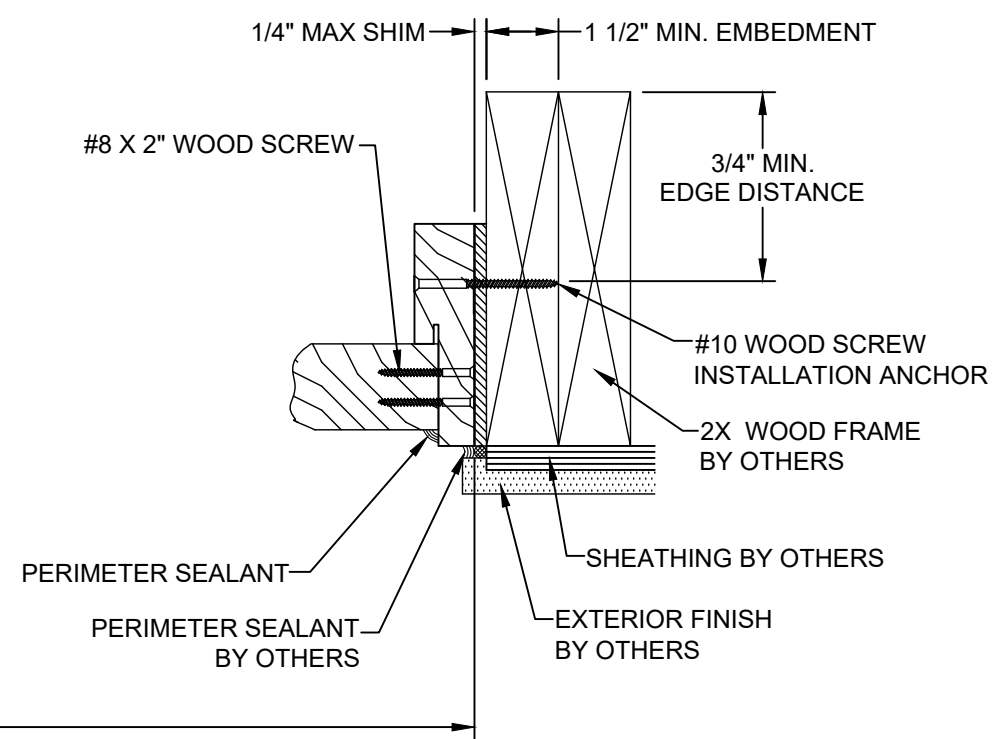
GLAZED SIDELITE PANEL AT JAMB
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 7, 8 & 9 FOR
APPROPRIATE SIDELITE SECTIONS)



Q

HORIZONTAL SECTION

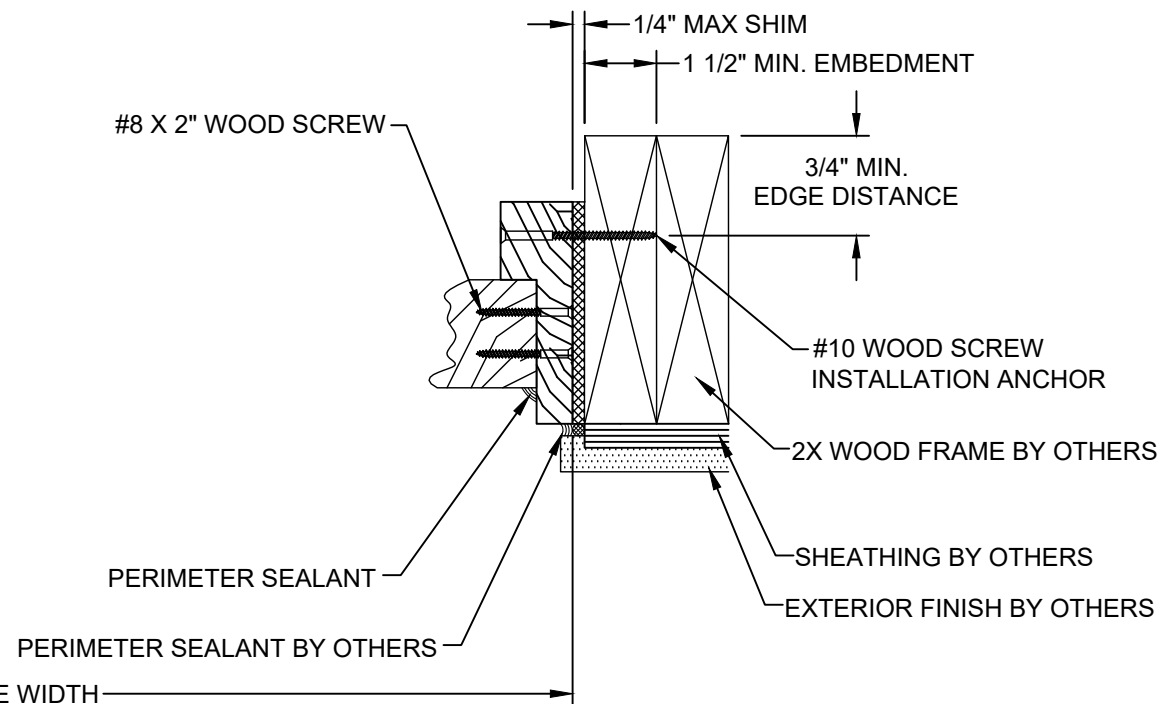
GLAZED SASH SET SIDELITE PANEL AT JAMB
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTION 10 FOR
APPROPRIATE SIDELITE SECTION)



T

HORIZONTAL SECTION

GLAZED SIDELITE PANEL AT JAMB
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 7, 8 & 9 FOR
APPROPRIATE DOOR SECTIONS)



R

HORIZONTAL SECTION

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

PROJECT #419-0909

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

TITLE: 1 3/4" I.S. / O.S. GLAZED / OPAQUE SINGLE IMPACT DOOR W/ & W / O SIDELITES

HORIZONTAL SECTIONS

DRAWN BY: RJA

DATE: 8/7/20

SCALE: N.T.S.

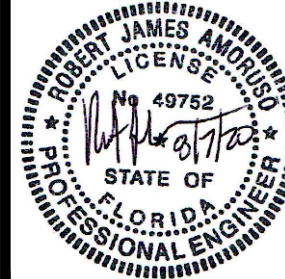
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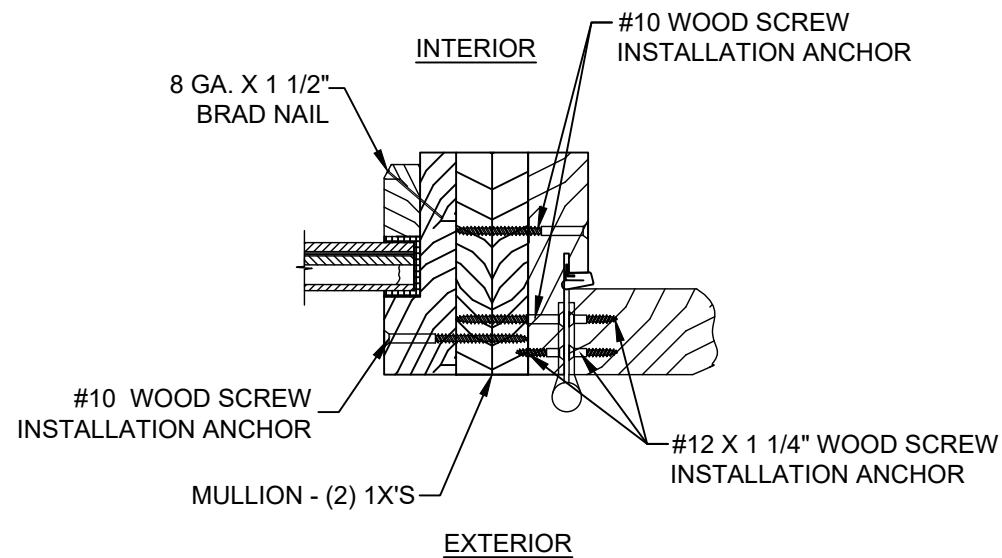
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SHEET: 12 OF 16

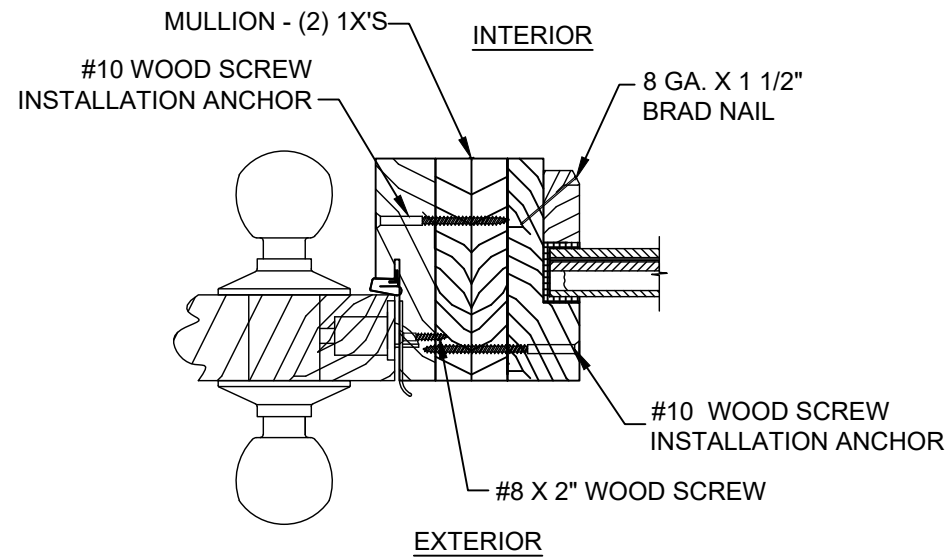


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Florida P.E. No. 49752

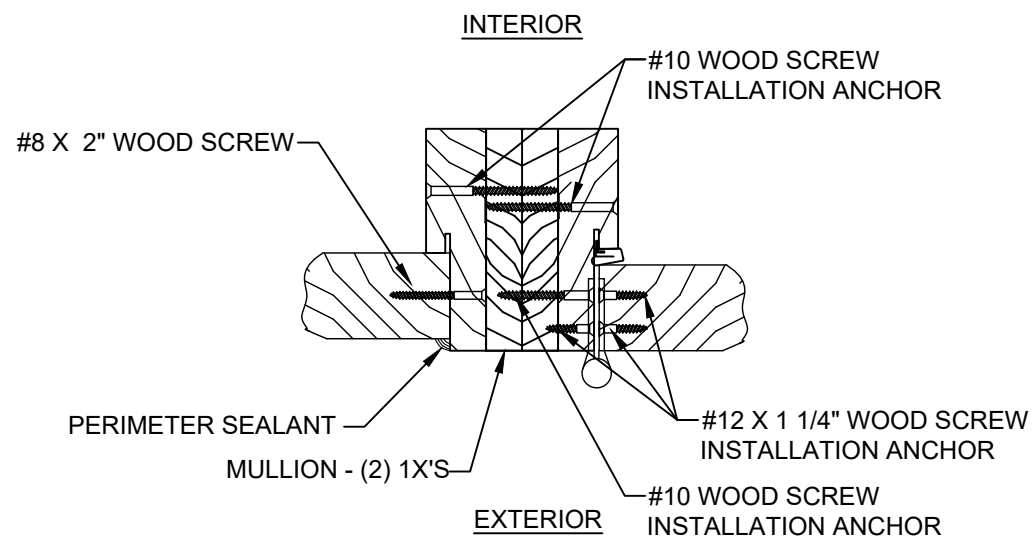




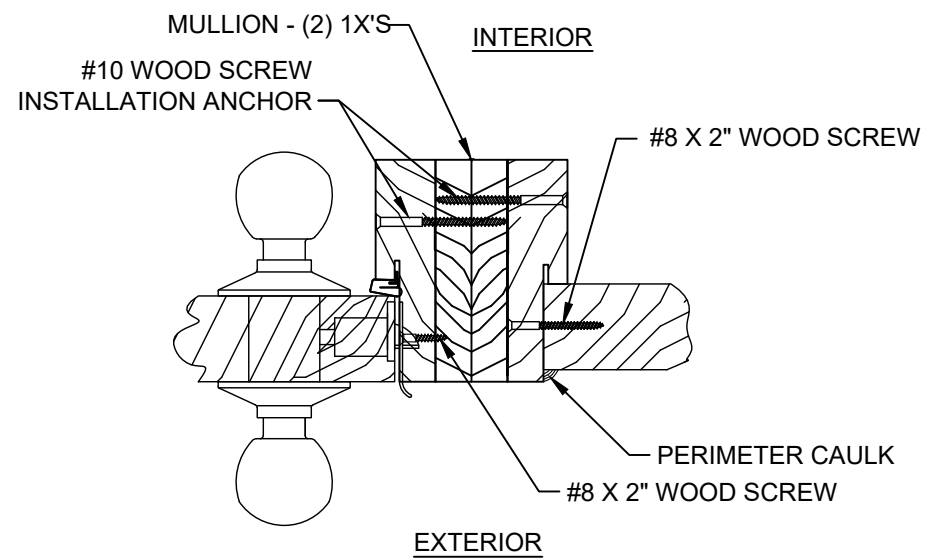
W **HORIZONTAL SECTION**
 GLAZED DIRECT SET SIDELITE PANEL /
 GLAZED / OPAQUE HINGE STILE DOOR PANEL
 AT MULLION
 OUTSWING SHOWN / INSWING OPPOSITE
 (SEE SHEET 4 SECTIONS 7, 8 & 9 FOR
 APPROPRIATE DOOR PANELS & SHEET 4 SECTION 11
 FOR APPROPRIATE SIDELITE PANEL



X **HORIZONTAL SECTION**
 GLAZED / OPAQUE LOCK STILE DOOR PANEL /
 GLAZED DIRECT SET SIDELITE PANEL
 AT MULLION
 OUTSWING SHOWN / INSWING OPPOSITE
 (SEE SHEET 4 SECTIONS 7, 8 & 9 FOR
 APPROPRIATE DOOR PANELS &
 SHEET 4 SECTION 11 FOR APPROPRIATE
 SIDELITE PANEL



U **HORIZONTAL SECTION**
 GLAZED SIDELITE PANEL /
 GLAZED / OPAQUE HINGE STILE DOOR PANEL
 AT MULLION
 OUTSWING SHOWN / INSWING OPPOSITE
 (SEE SHEET 4 SECTIONS 7, 8 & 9 FOR
 APPROPRIATE DOOR PANELS &
 SECTION 8 FOR APPROPRIATE SIDELITE PANEL



V **HORIZONTAL SECTION**
 GLAZED / OPAQUE LOCK STILE DOOR PANEL /
 GLAZED SIDELITE PANEL
 AT MULLION
 OUTSWING SHOWN / INSWING OPPOSITE
 (SEE SHEET 4 SECTIONS 7, 8 & 9 FOR
 APPROPRIATE DOOR PANELS &
 SECTION 8 FOR APPROPRIATE SIDELITE PANEL

PROJECT #419-0909

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

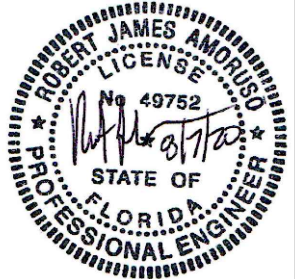
TITLE: 1 3/4\" I.S. / O.S. GLAZED / OPAQUE SINGLE IMPACT DOOR W/ & W / O SIDELITES

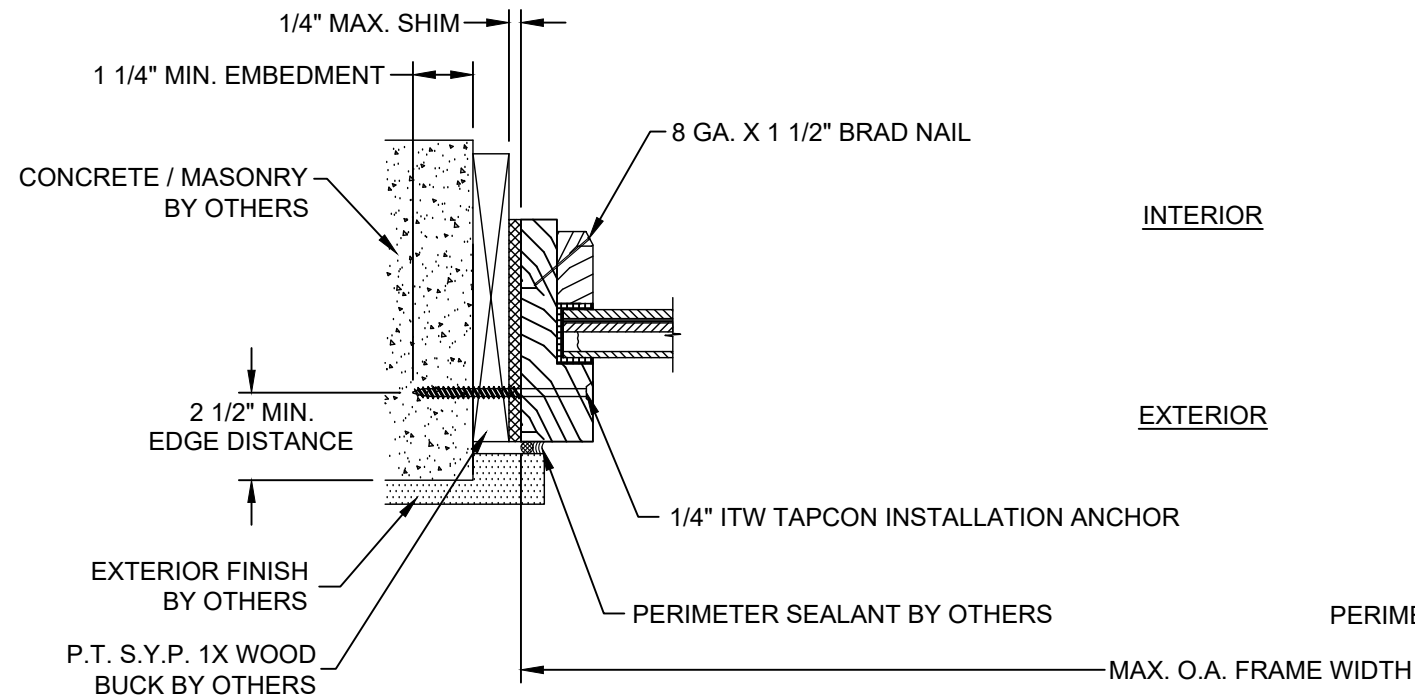
HORIZONTAL SECTIONS

PREPARED BY:	DRAWN BY:	DATE:	SHEET:
	RJA	8/7/20	13 OF 16
	SCALE:	DRAWING NO:	REV:
	N.T.S.	RW0060	---

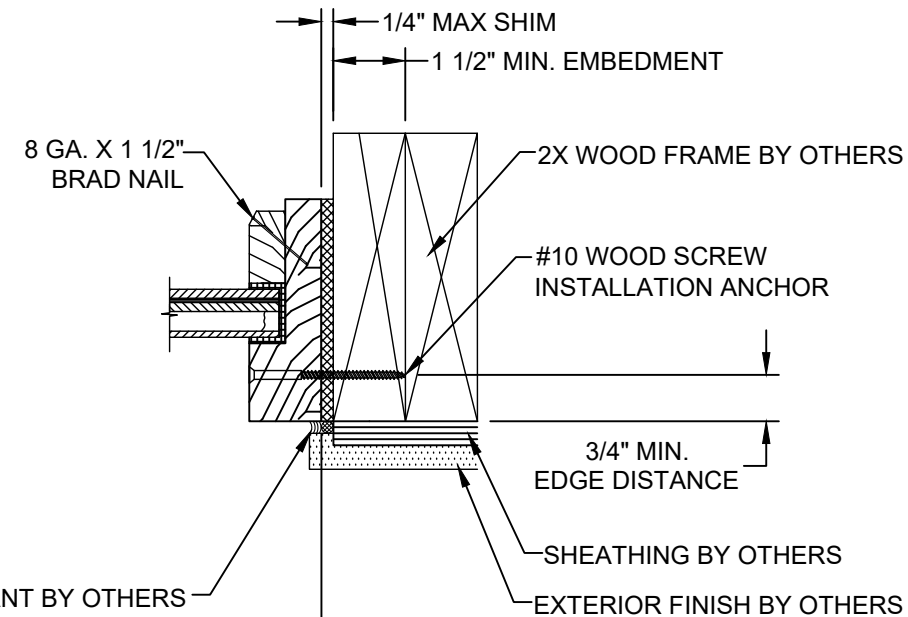
PTC PRODUCT DESIGN GROUP, LLC
 PO BOX 630774
 LONGWOOD, FLORIDA 32762
 FBPE C.A. NO. 25935
 Phone: 321.690.1788
 Fax: 321.690.1789
 Email: info@ptc-corp.com

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

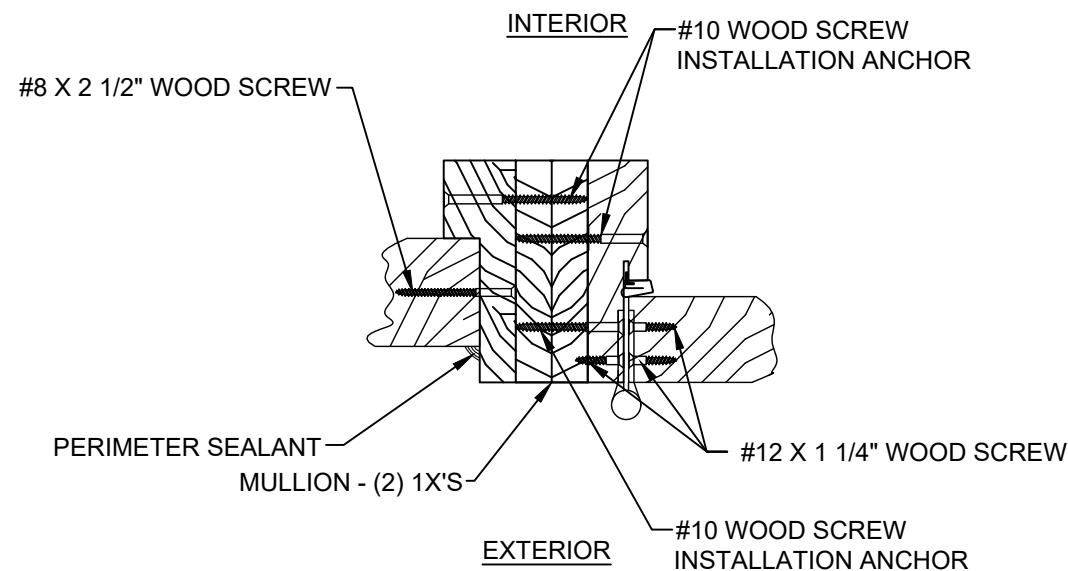




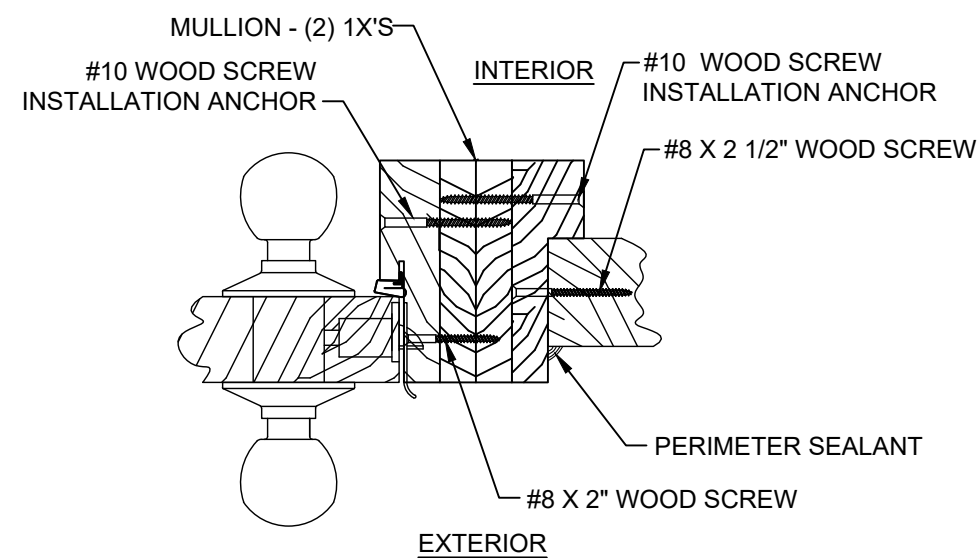
AA **HORIZONTAL SECTION**
GLAZED DIRECT SET SIDELITE PANEL AT JAMB
CONCRETE / MASONRY SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTION 11 FOR
APPROPRIATE SIDELITE SECTION)



BB **HORIZONTAL SECTION**
GLAZED DIRECT SET SIDELITE PANEL AT JAMB
WOOD FRAME SUBSTRATE
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTION 11 FOR
APPROPRIATE SIDELITE SECTION)



Y **HORIZONTAL SECTION**
GLAZED SASH SET SIDELITE PANEL /
GLAZED / OPAQUE HINGE STILE DOOR PANEL
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 7, 8 & 9 FOR
APPROPRIATE DOOR PANELS & SHEET 4
SECTION 10 FOR APPROPRIATE
SIDELITE PANEL)



Z **HORIZONTAL SECTION**
GLAZED / OPAQUE LOCK STILE DOOR PANEL /
GLAZED SASH SET SIDELITE PANEL
AT MULLION
OUTSWING SHOWN / INSWING OPPOSITE
(SEE SHEET 4 SECTIONS 7, 8 & 9 FOR
APPROPRIATE DOOR PANELS & SHEET 4
SECTION 10 FOR APPROPRIATE
SIDELITE PANEL)

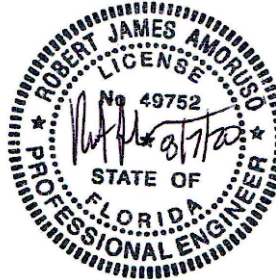
PROJECT #419-0909

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

TITLE: 1 3/4" I.S. / O.S. GLAZED / OPAQUE SINGLE IMPACT DOOR W/ & W / O SIDELITES
HORIZONTAL SECTIONS

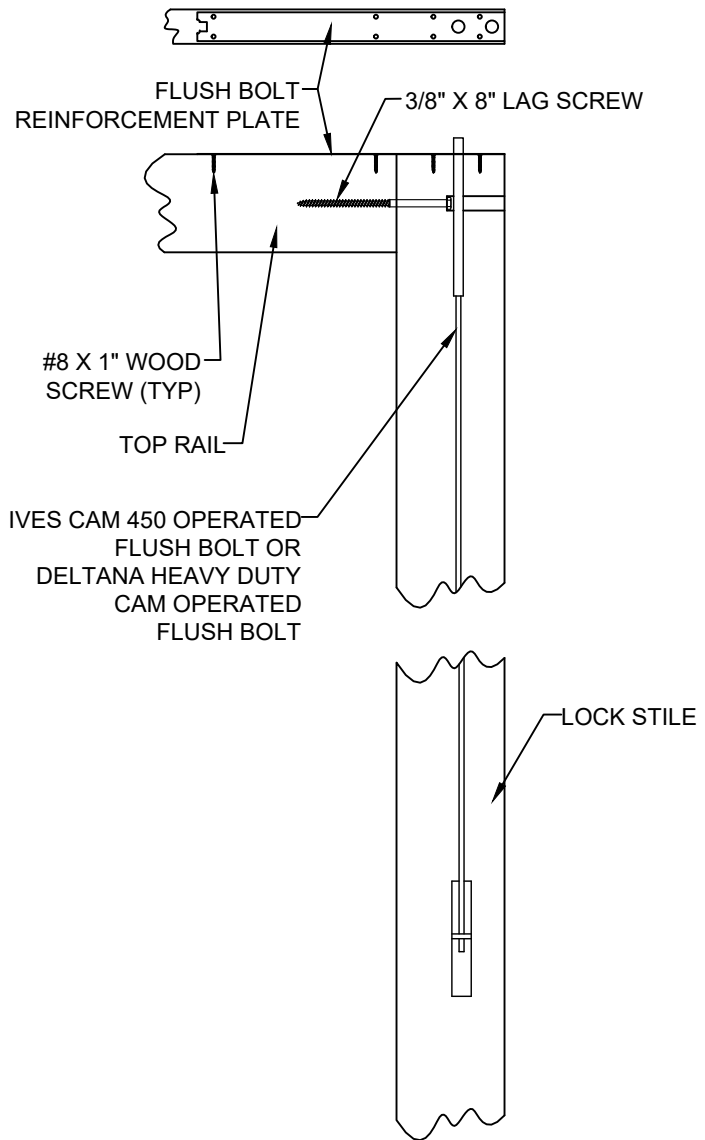
PREPARED BY: **PTC**
DRAWN BY: RJA
SCALE: N.T.S.
DATE: 8/7/20
DRAWING NO: RW0060
SHEET: 14 OF 16
REV: ---
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077
LONGWOOD, FLORIDA 32762
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

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



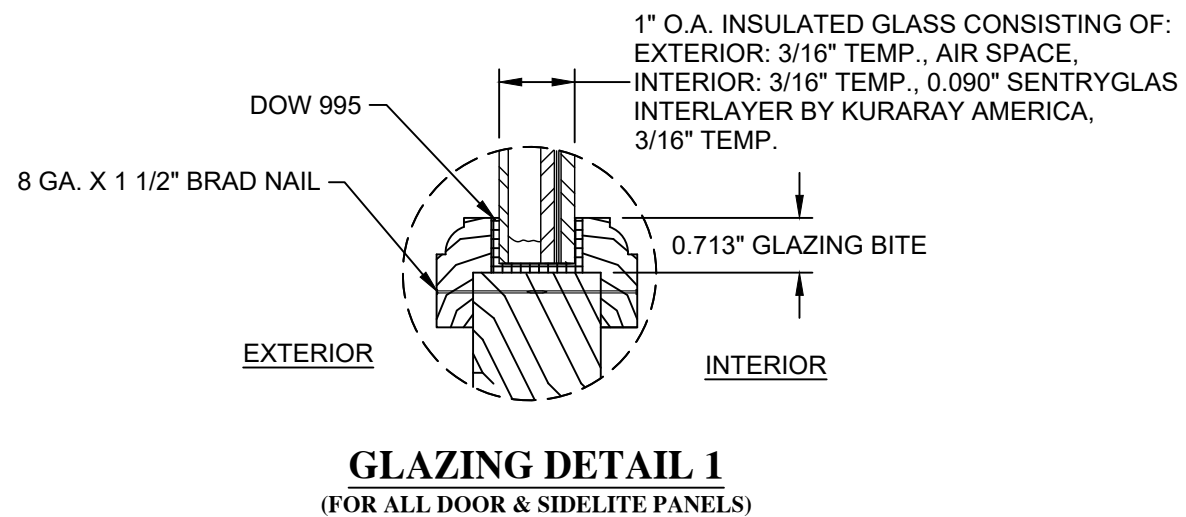
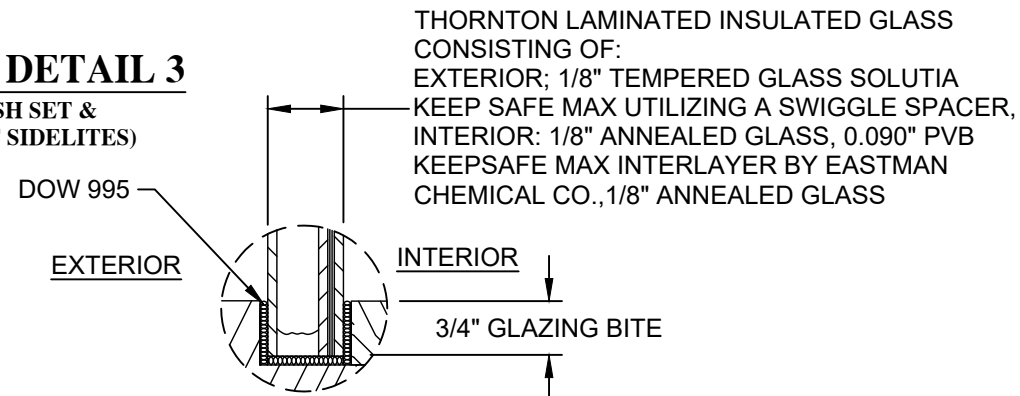
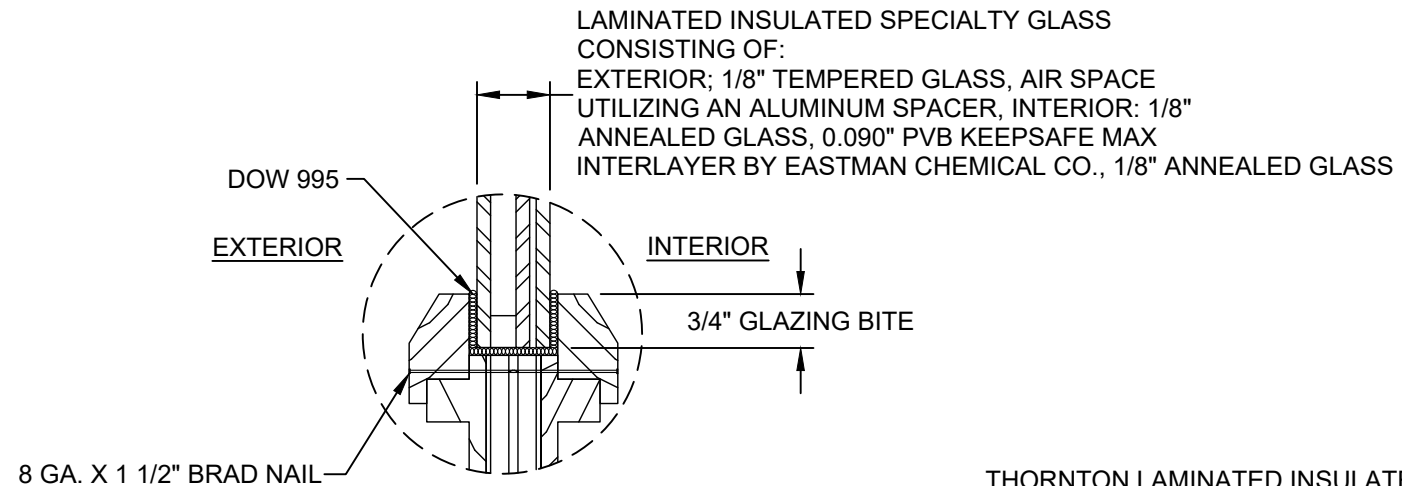
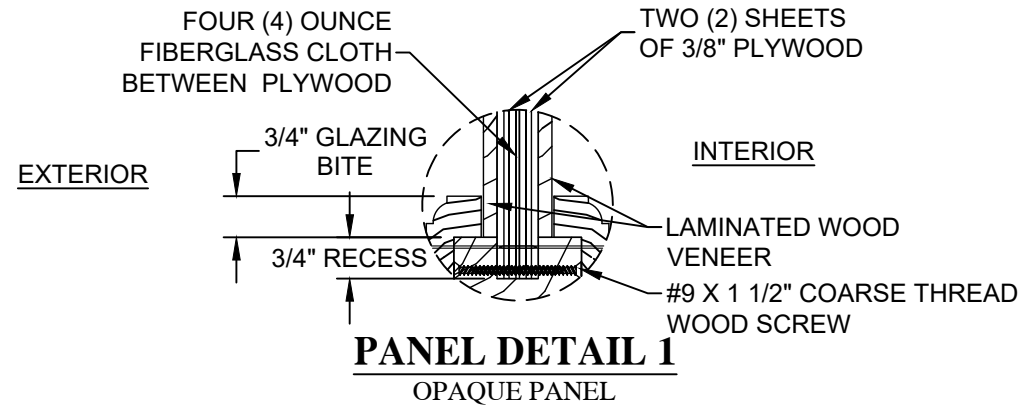
(4) #8 X 2" WOOD SCREWS
IN 2X WOOD FRAME OR
(4) 3/16" ITW TAPCONS IN
CONCRETE / MASONRY

FLUSH BOLT
STRIKE PLATE



SINGLE DOOR

FLUSH BOLT DETAIL



PROJECT #419-0909

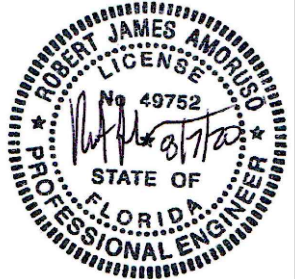
Real Woods Inc.
1230 N. East Ave
Sarasota, FL 34237

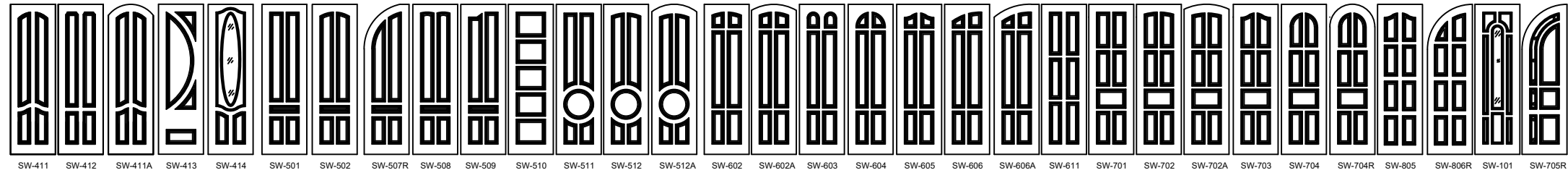
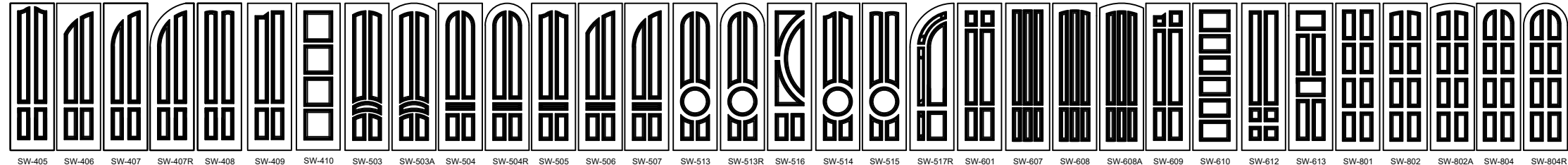
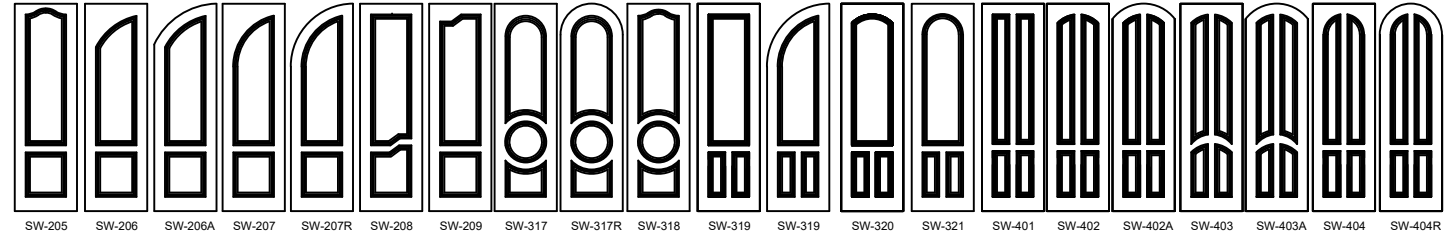
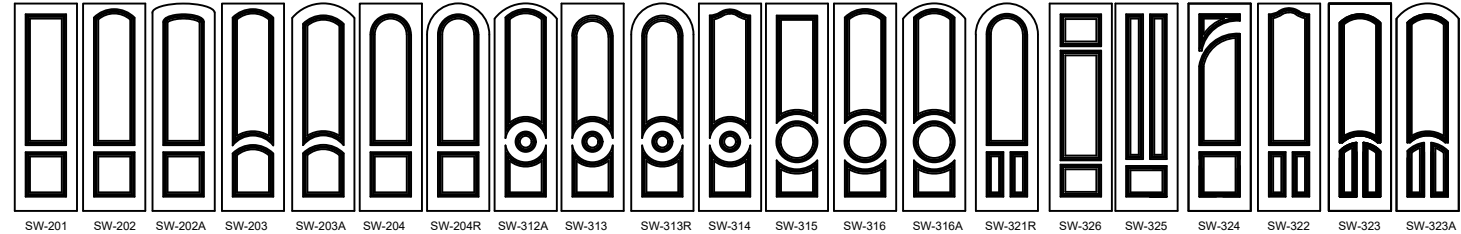
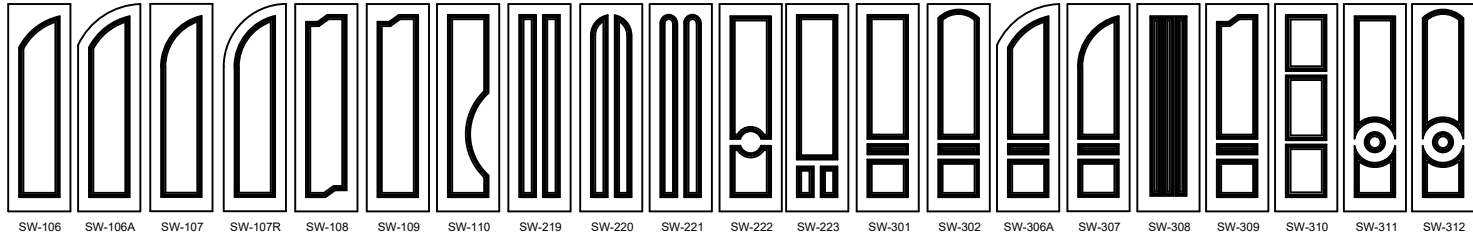
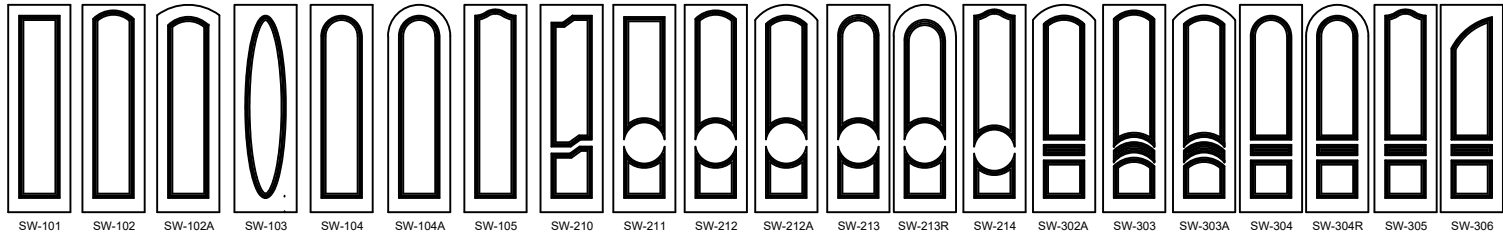
TITLE: 1 3/4" I.S. / O.S. GLAZED / OPAQUE SINGLE IMPACT DOOR W/ & W / O SIDELITES
FLUSH BOLT DETAIL & GLAZING DETAILS

PREPARED BY: DATE: 8/7/20
DRAWN BY: RJA SCALE: N.T.S. DRAWING NO: RW0060
REV: --- SHEET: 15 OF 16

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 63077A
LONGWOOD, FLORIDA 32762
Phone: 321.690.1788
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Email: info@ptc-corp.com

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





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

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

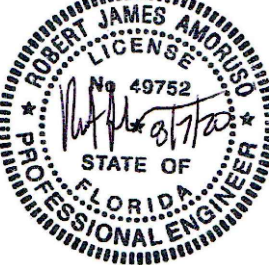
TITLE: 1 3/4" I.S. / O.S. GLAZED / OPAQUE SINGLE IMPACT DOOR W/ & W / O SIDELITES

OPTIONAL PANEL CONFIGURATIONS

PREPARED BY:	DRAWN BY:	DATE:
	RJA	8/7/20
	SCALE:	DRAWING NO:
	N.T.S.	RW0060
	REV:	SHEET:
	---	16 OF 16



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



PROJECT #419-0909

REV	DESCRIPTION	DATE	BY	