



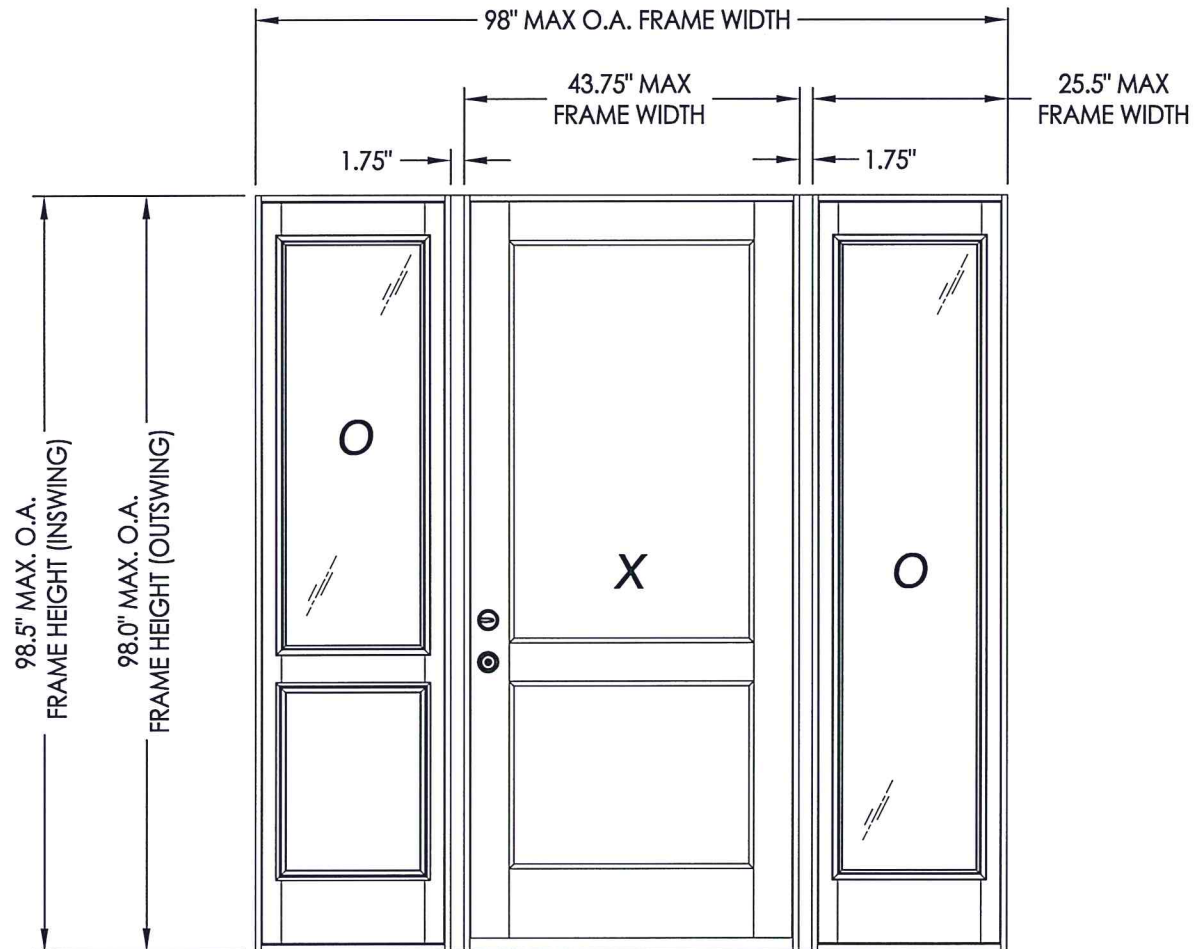
"Gulf Armor" WOOD GLAZED OR OPAQUE SINGLE DOOR w/ SIDELITE(S) IN SWING/OUT SWING "IMPACT"

GENERAL NOTES

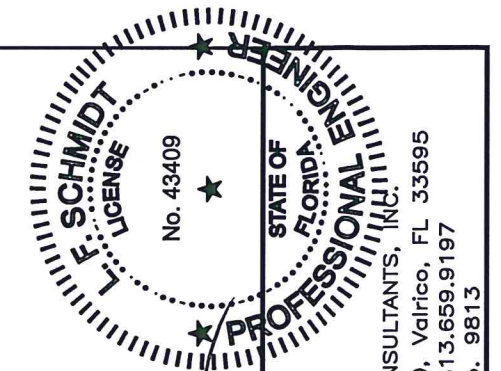
1. This product has been evaluated and is in compliance with the 6th Edition (2017) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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3	Sidelite Panel Details
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6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal Cross Sections
8	Vertical Cross Sections (Thresholds)
9	Buck & Frame Anchoring (OX)
10	Buck & Frame Anchoring (OXO)
11	Hardware Details
12	Bill of Materials & Components



CONFIGURATION	DESIGN PRESSURE (PSF) IN SWING		DESIGN PRESSURE (PSF) OUT SWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX, XO, OXO	+50.0	-50.0	+50.0	-50.0



October 12, 2017
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE C.A. No. 9813

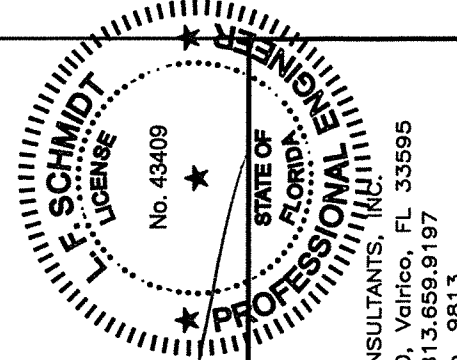
PRODUCT:
 SOUTHEASTERN SASH & DOOR
 WOOD DOOR
 PART OR ASSEMBLY:
 TYPICAL ELEVATION, DESIGN
 PRESSURES & GENERAL NOTES

NO.	DATE	BY
1	10/12/17	LFS

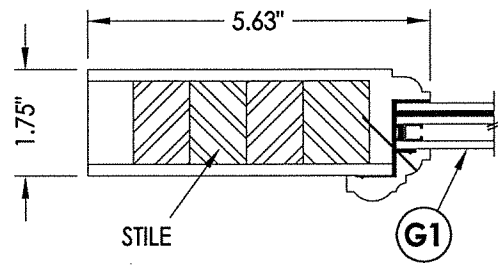
REVISIONS

DATE: 5/10/17
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.:
 FL-22347.2
 SHEET 1 OF 12

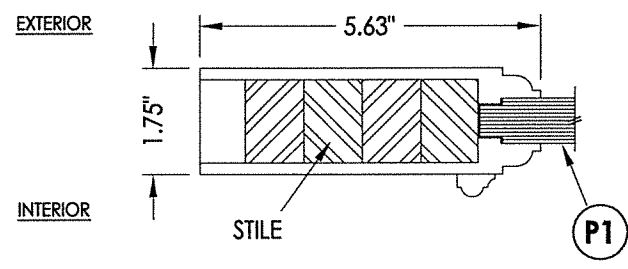
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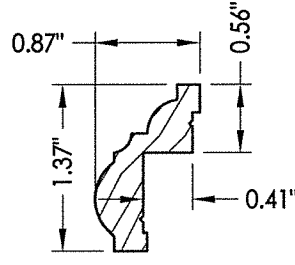
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 Lyndon F. Schmidt
 P.E. No. 43409
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Vairico, FL 33595
 Phone No.: 813.659.9197
 FBPE C.A. No. 9813



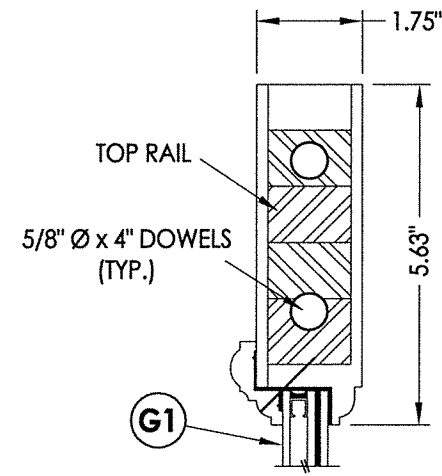
1 HORIZONTAL CROSS SECTION
 2



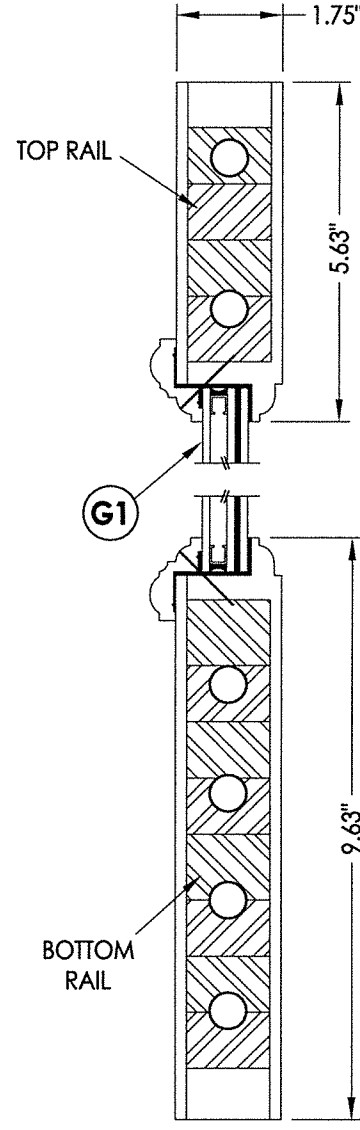
2 HORIZONTAL CROSS SECTION
 2



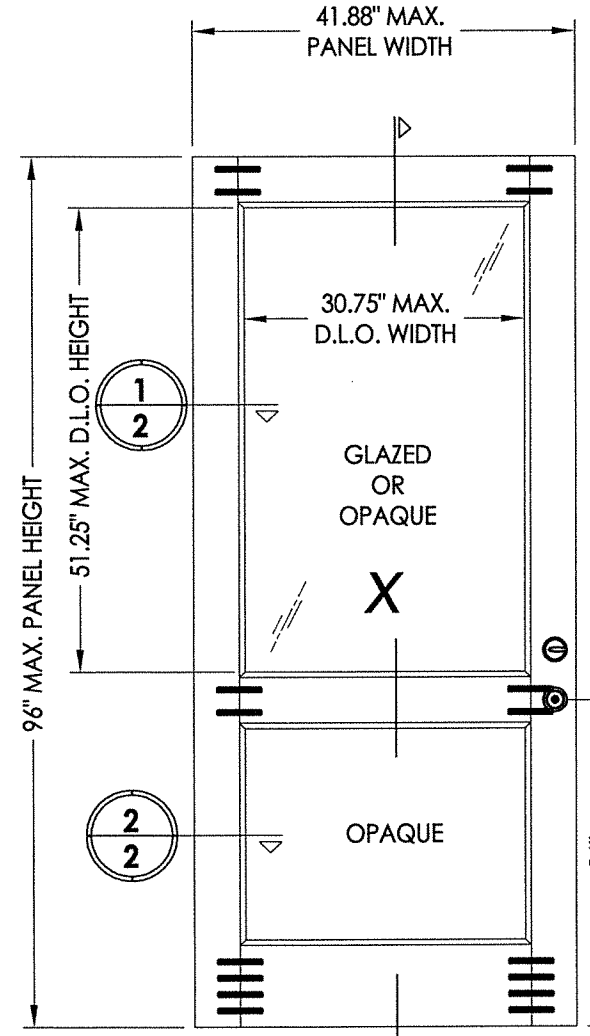
GLAZING BEAD



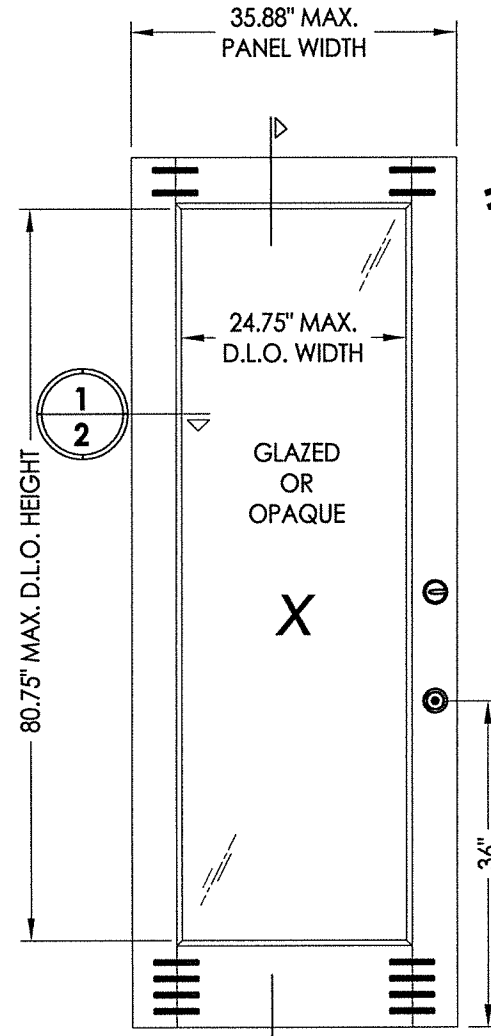
3 VERTICAL CROSS SECTION
 2



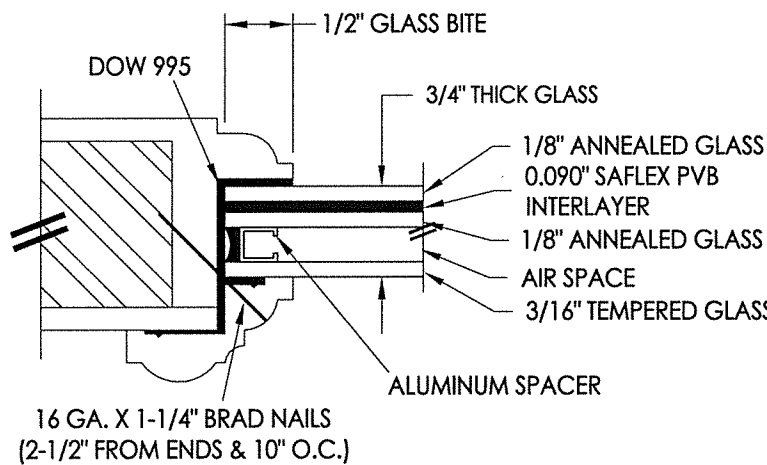
4 VERTICAL CROSS SECTION
 2



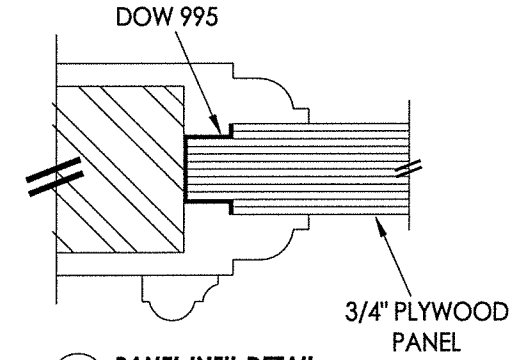
3/4 PANEL/LITE



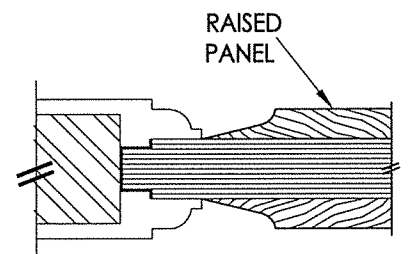
FULL PANEL/LITE



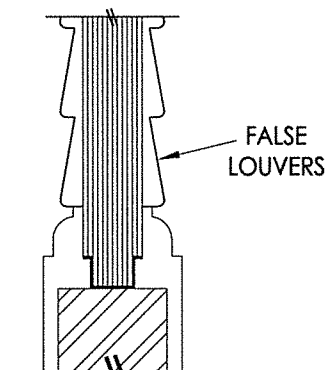
G1 GLAZING DETAIL



P1 PANEL INFIL DETAIL



RAISED PANEL OPTION



FALSE LOUVER OPTION

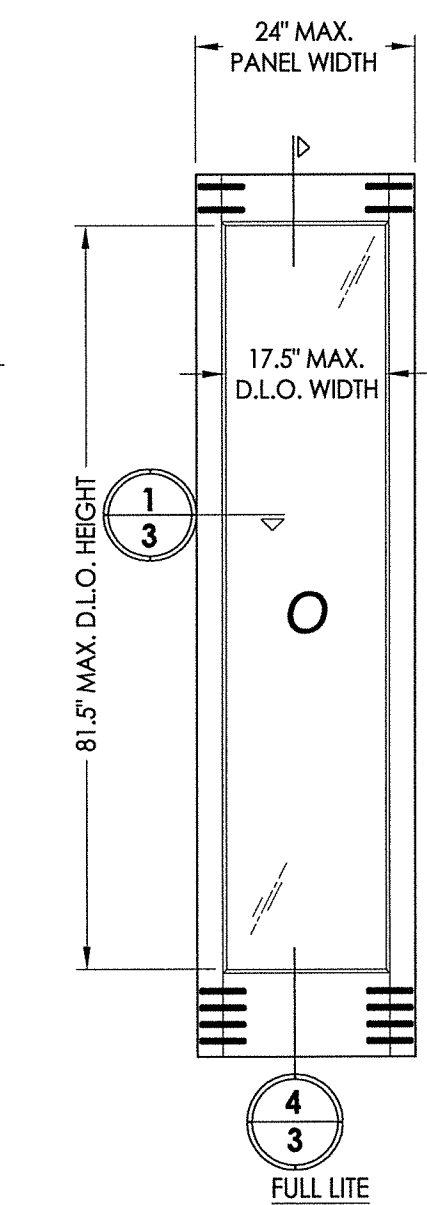
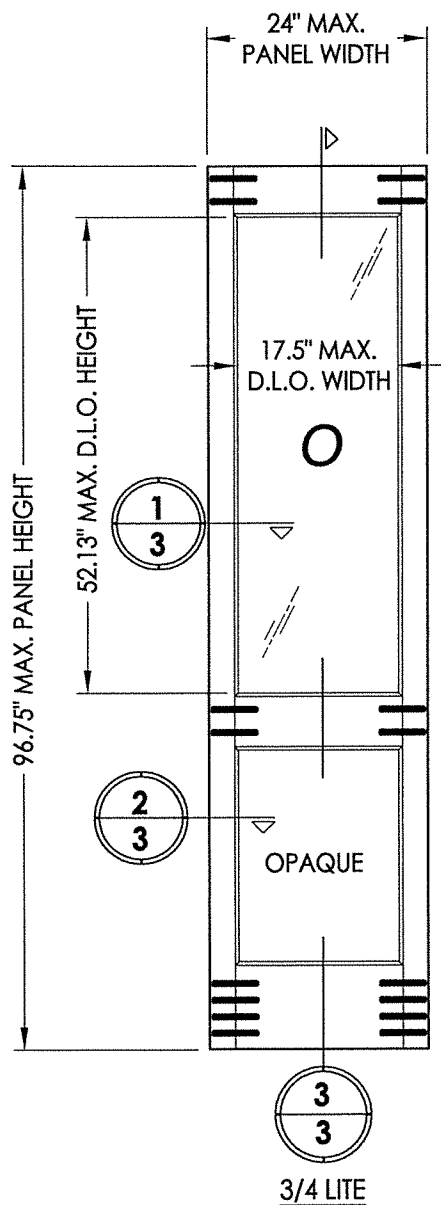
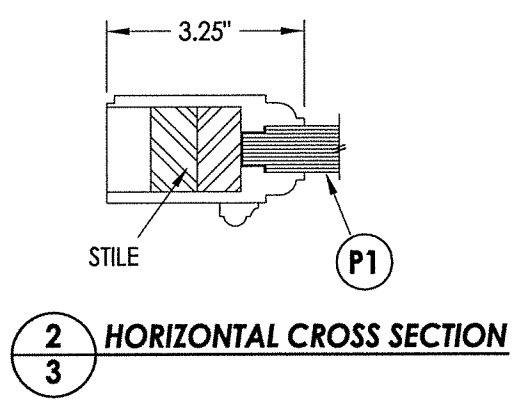
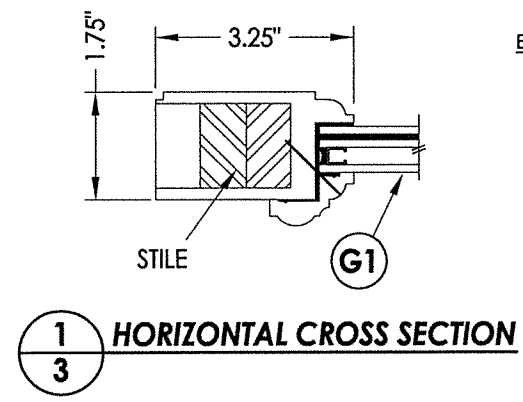
40 WOOD DOOR PANEL
 Glazed or Opaque

WOOD DOOR COMPONENTS:
 VENEER/EDGES: CYPRESS (G = 0.42)
 ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)

PRODUCT: SOUTHEASTERN SASH & DOOR WOOD DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
NO.	DATE	BY	REVISIONS
1	10/12/17	FBC	UPDATE TO 6TH ED. (2017)
DATE: 5/10/17			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-22347.2			
SHEET 2 OF 12			

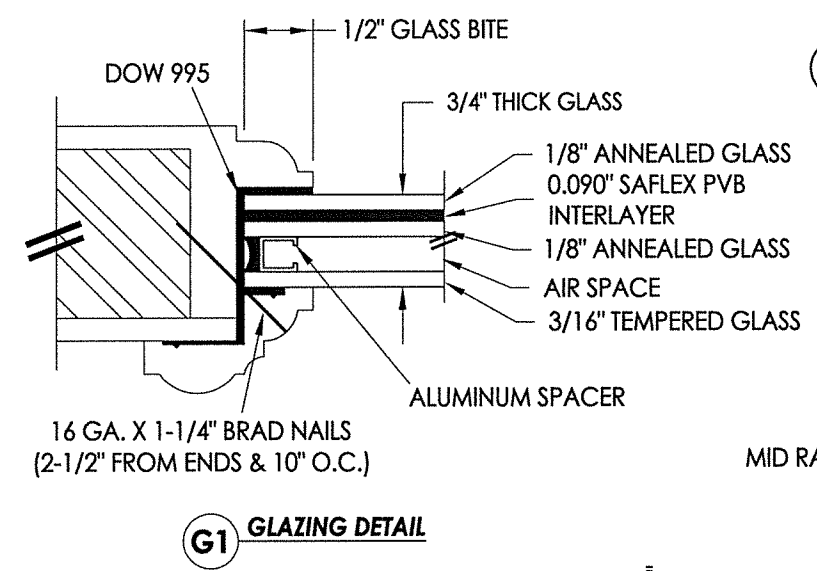
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R:\Clients\Southeastern Sash & Door\VA - Florida Product Approvals\FL-22347\C - Drawings\FL-22347 (2017)\FL-22347.1-3.dwg, 3.2

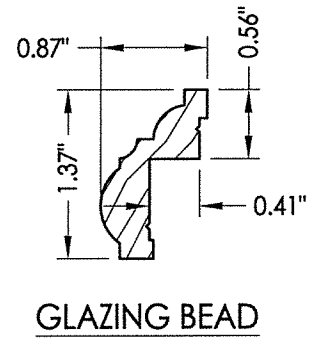


50 WOOD SIDELITE PANEL

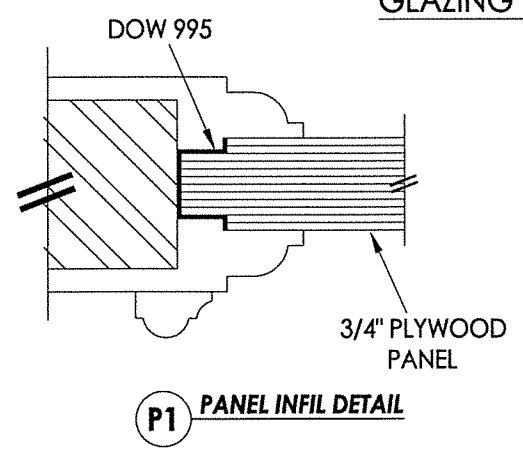
WOOD SIDELITE COMPONENTS:
 VENEER/EDGES: CYPRESS (G = 0.42)
 ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)



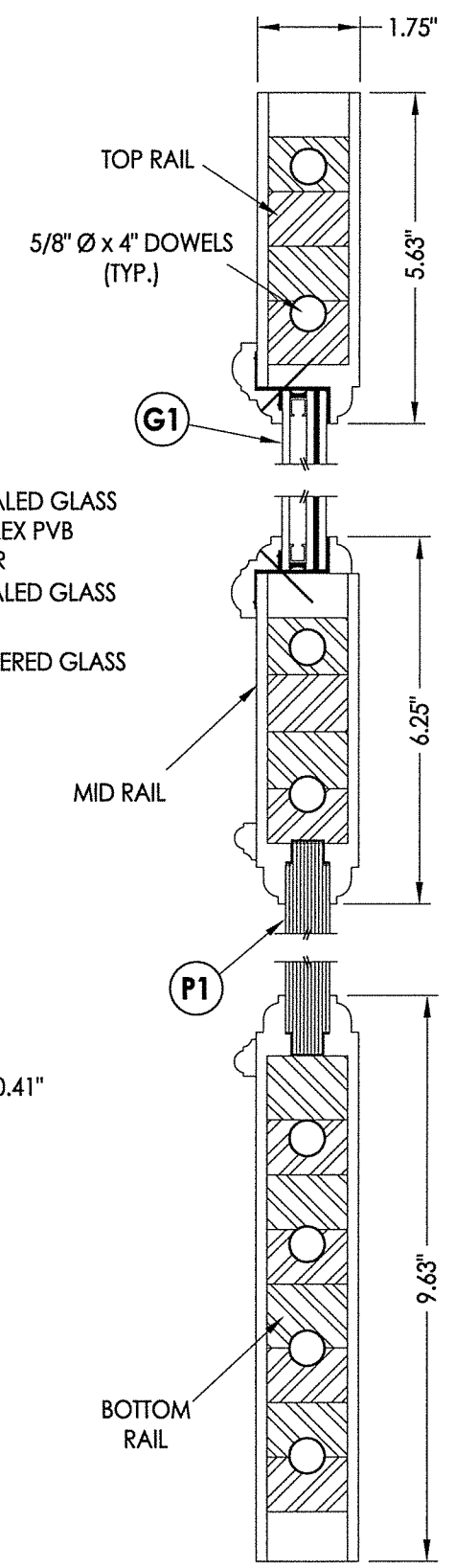
G1 GLAZING DETAIL



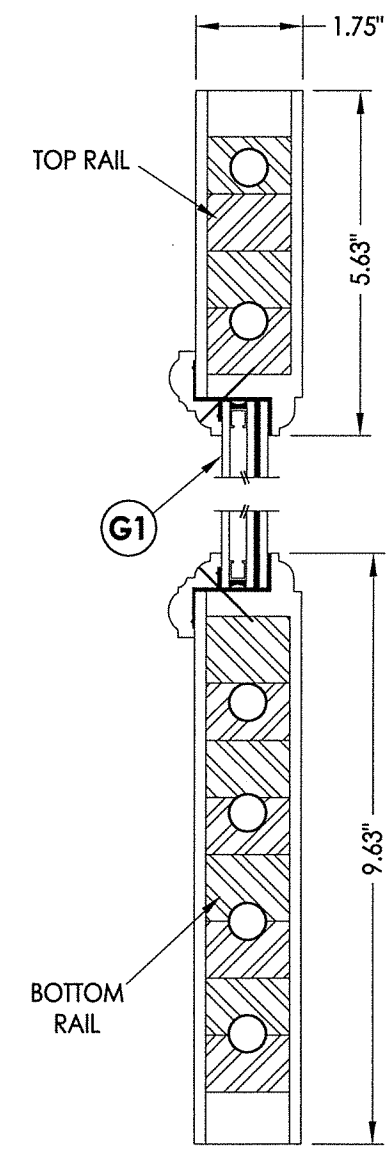
GLAZING BEAD



P1 PANEL INFIL DETAIL



3 VERTICAL CROSS SECTION



4 VERTICAL CROSS SECTION

Professional Engineer
 L.F. SCHMIDT
 LICENSE No. 43409
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE C.A. No. 9813

October 12, 2017
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

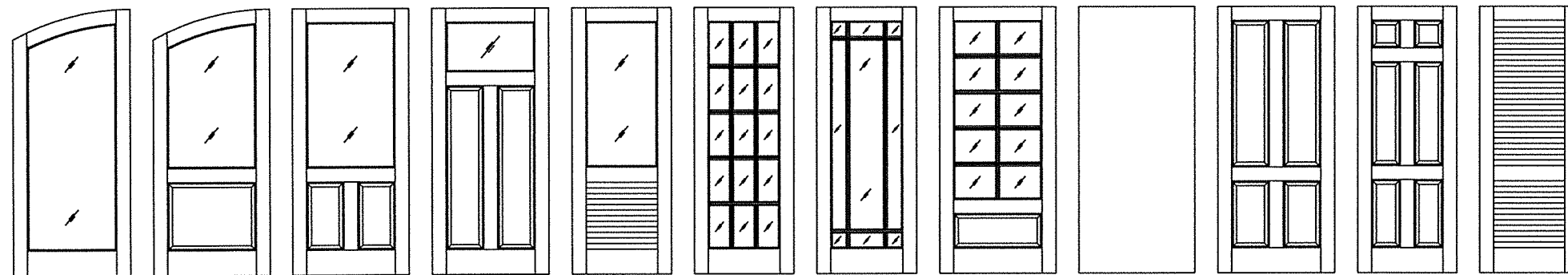
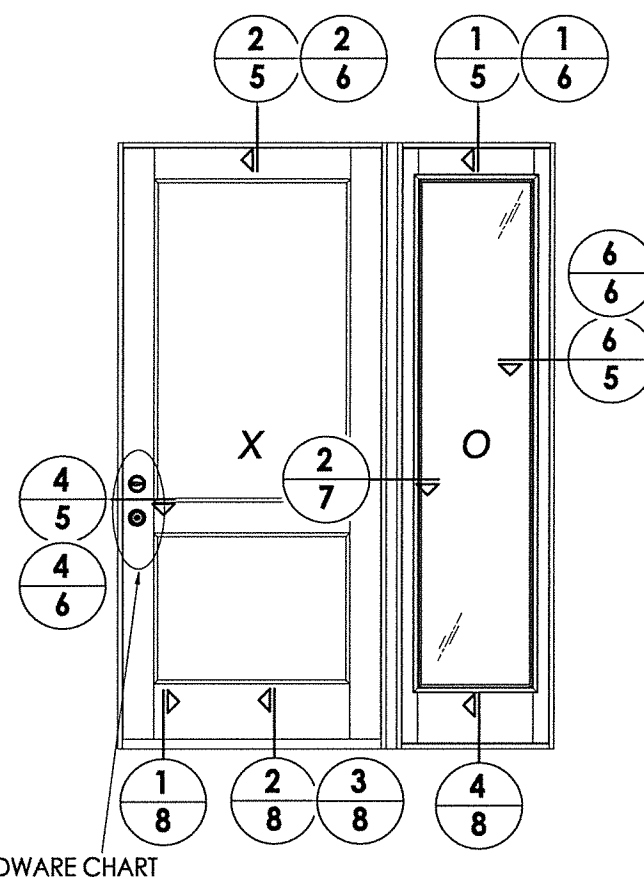
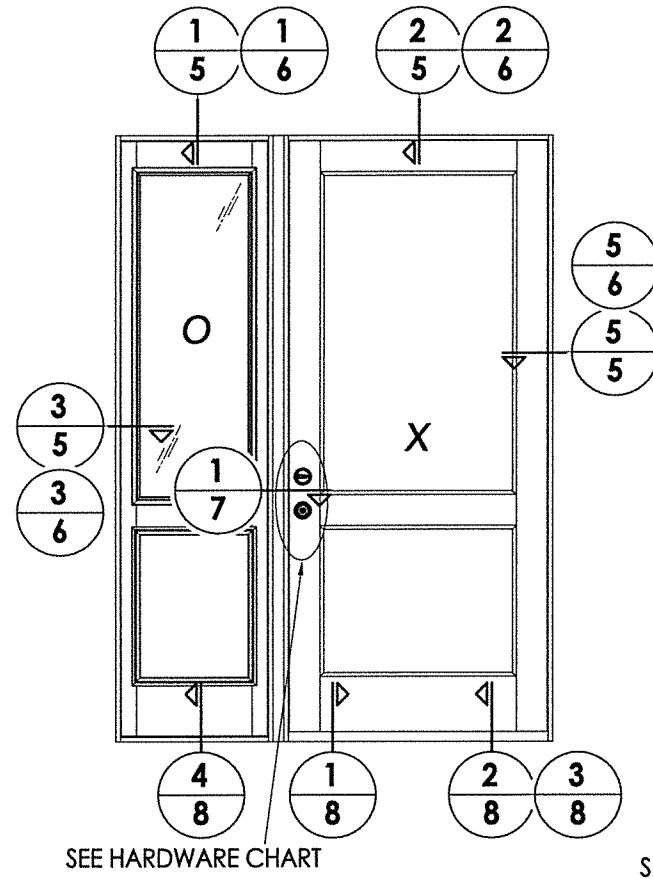
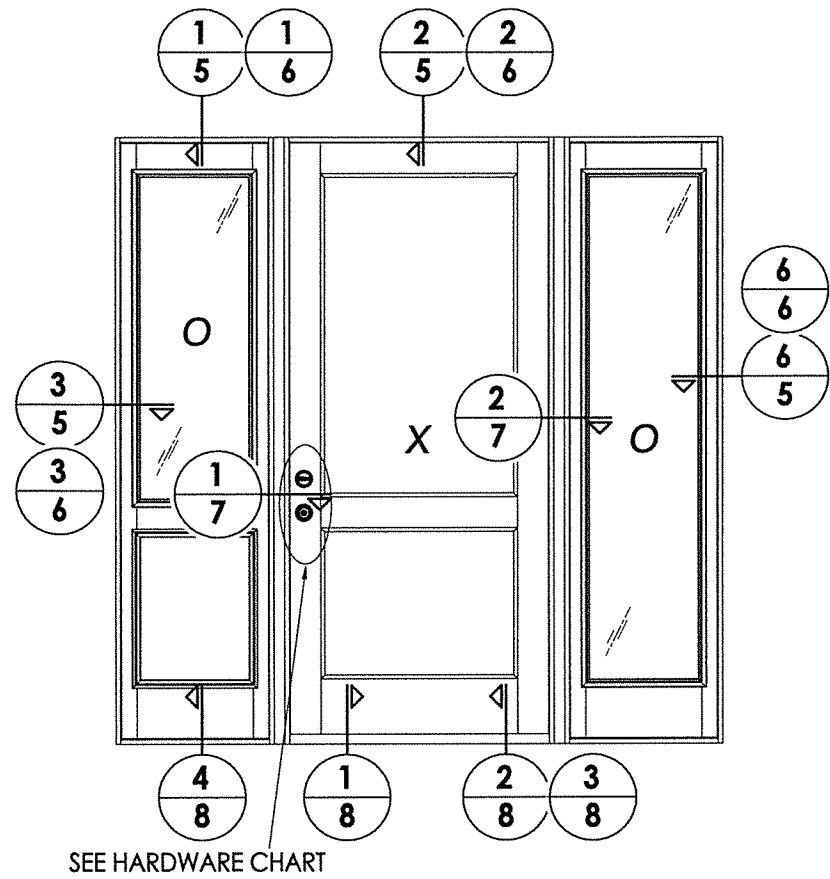
PRODUCT:
 SOUTHEASTERN SASH & DOOR
 WOOD DOOR

PART OR ASSEMBLY:
 SIDELITE PANEL
 DETAILS

NO.	DATE	BY	REVISIONS
1	10/12/17	LFS	UPDATE TO 6TH ED. (2017) FBC

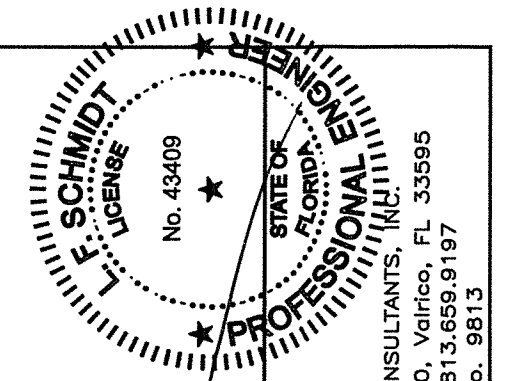
DATE: 5/10/17
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-22347.2
 SHEET 3 OF 12

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SOUTHEASTERN SASH & DOOR Door Panel Options
 Panel options shown are for illustration and are representative only.
 Surface applied muntins are used for simulated divided lites shown.

HARDWARE TABLE	
MANUFACTURER	MODEL
EMTEK	Morlise: 3545 Entry Set
SCHLAGE	KNOB: F51 DEADBOLT: B60N
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)



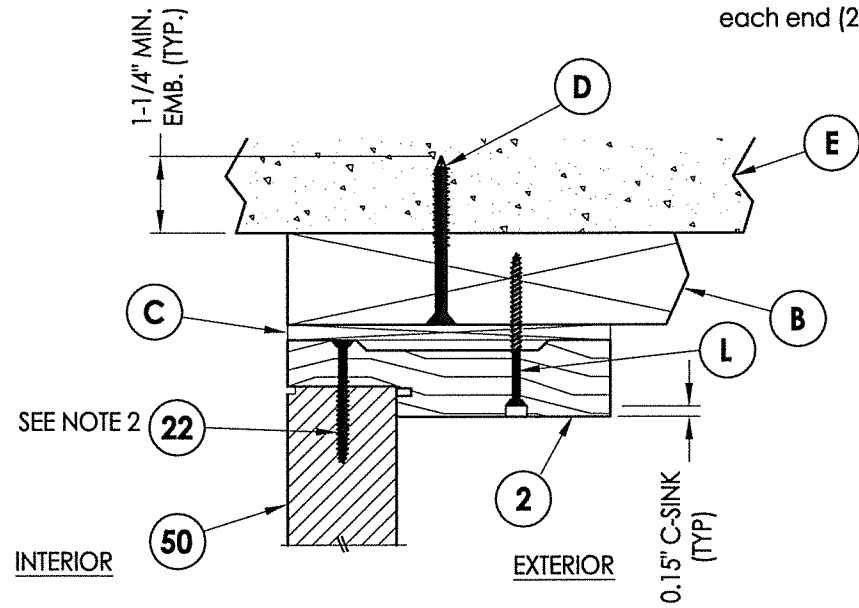
October 12, 2017
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 RW BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE C.A. No. 9813

PRODUCT:
 SOUTHEASTERN SASH & DOOR
 WOOD DOOR
 PART OR ASSEMBLY:
 ELEVATIONS

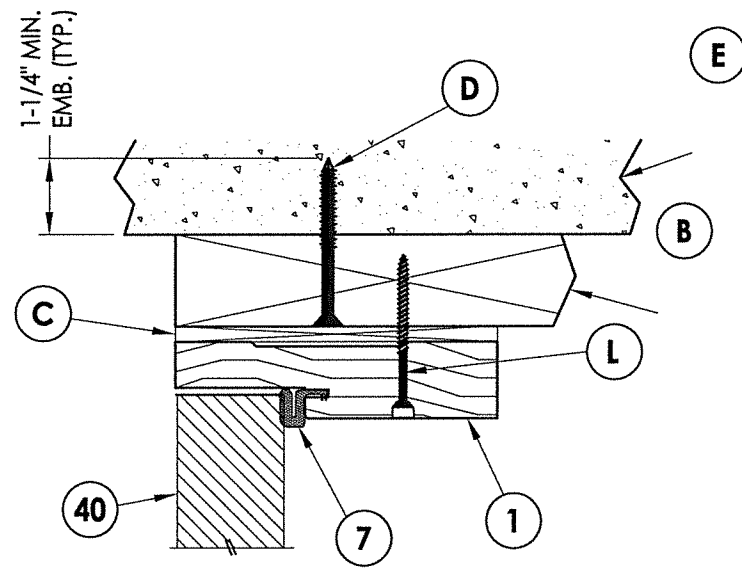
NO.	DATE	BY	REVISIONS
1	10/12/17	FBC	UPDATE TO 6TH ED. (2017)

DATE: 5/10/17
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-22347.2
 SHEET 4 OF 12

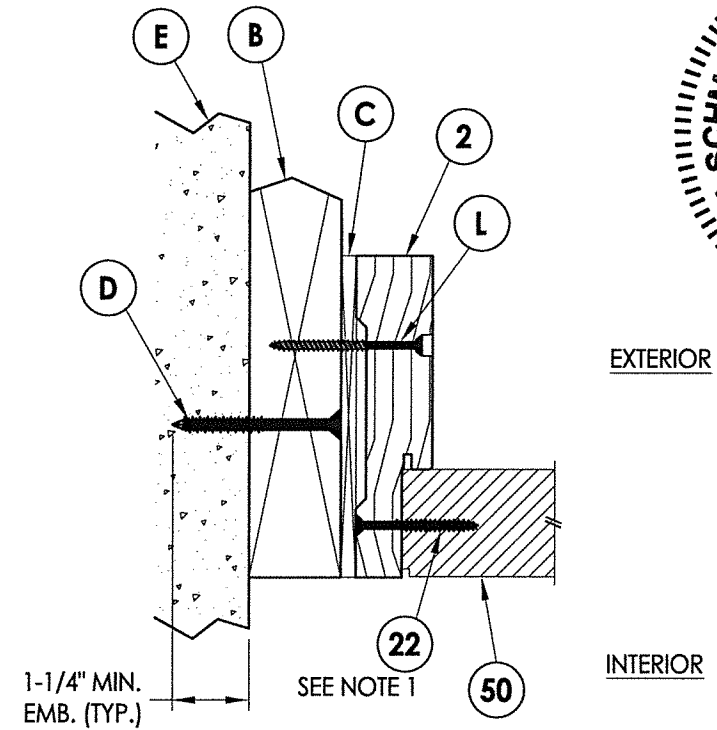
NOTE:
 1. Item #22 located 4" from each end then 7 more (9 total).
 2. Item #22 located 6" from each end (2 total).



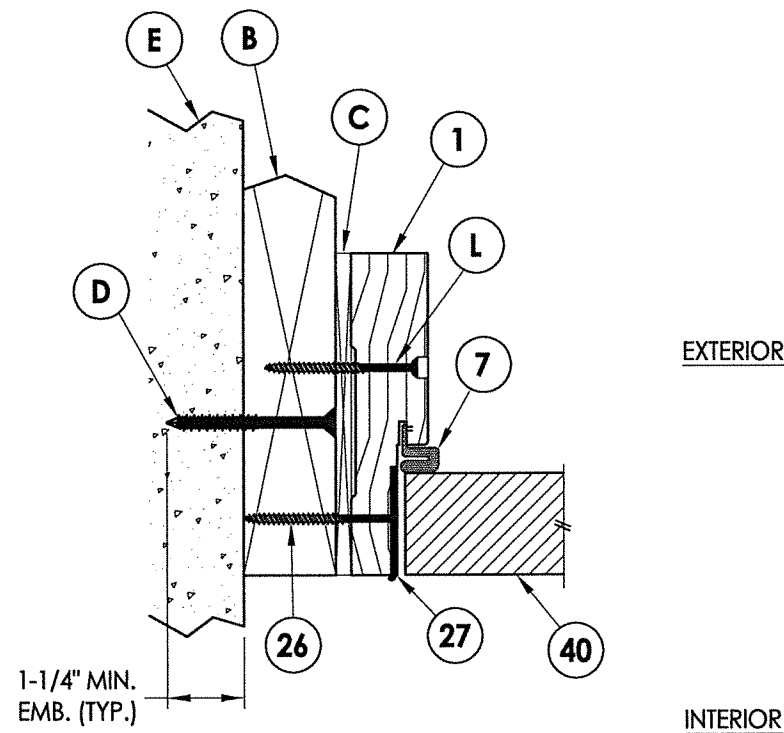
1 VERTICAL CROSS SECTION
5 Shown w/ 2X Buck
 Inswing shown (Outswing similar)



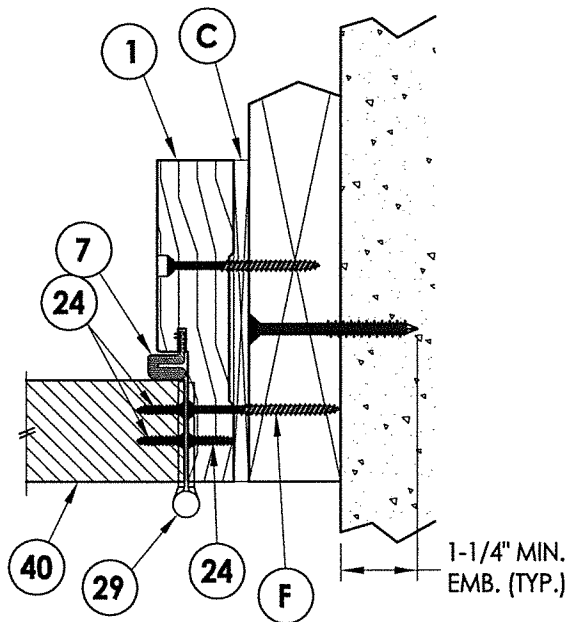
2 VERTICAL CROSS SECTION
5 Shown w/ 2X Buck
 Inswing shown (Outswing similar)



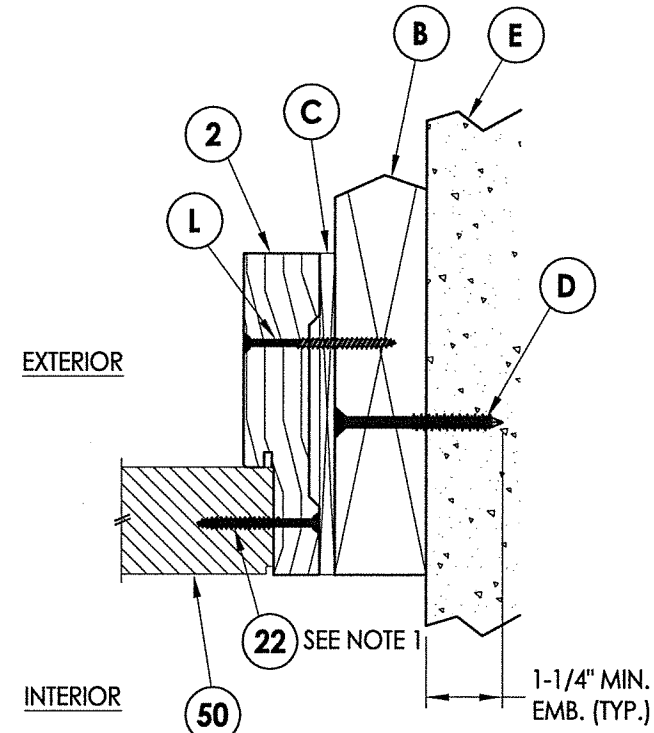
3 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
 Inswing shown (Outswing similar)



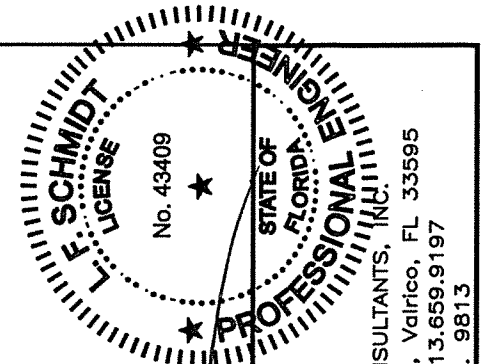
4 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
 Inswing shown (Outswing similar)



5 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
 Inswing shown (Outswing similar)



6 HORIZONTAL CROSS SECTION
5 Shown w/ 2X Buck
 Inswing shown (Outswing similar)



October 12, 2017
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 RW BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE C.A. No. 9813

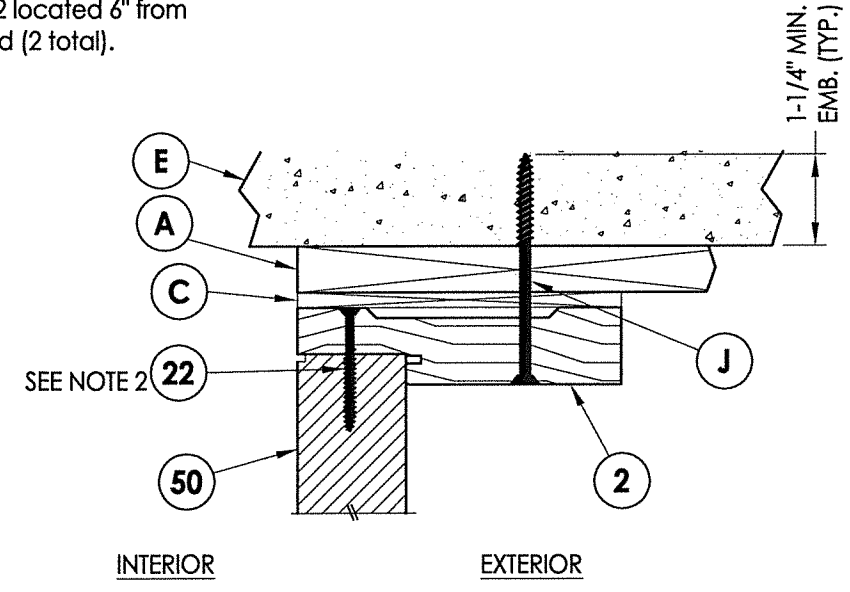
PRODUCT:
 SOUTHEASTERN SASH & DOOR
 WOOD DOOR
 PART OR ASSEMBLY:
 HORIZONTAL & VERTICAL
 CROSS SECTIONS (2X BUCK)

NO.	DATE	BY	REVISIONS
1	10/12/17	LFS	UPDATE TO 6TH ED. (2017) FBC

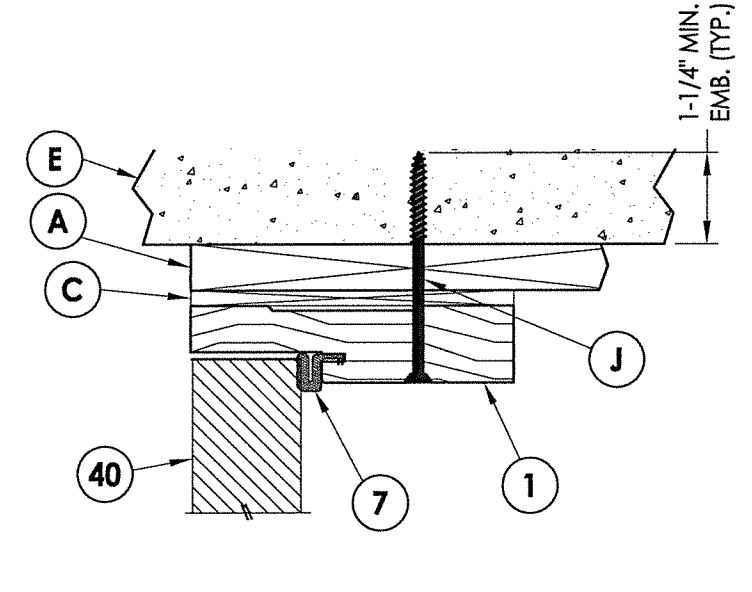
DATE: 5/10/17
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-22347.2
 SHEET 5 OF 12

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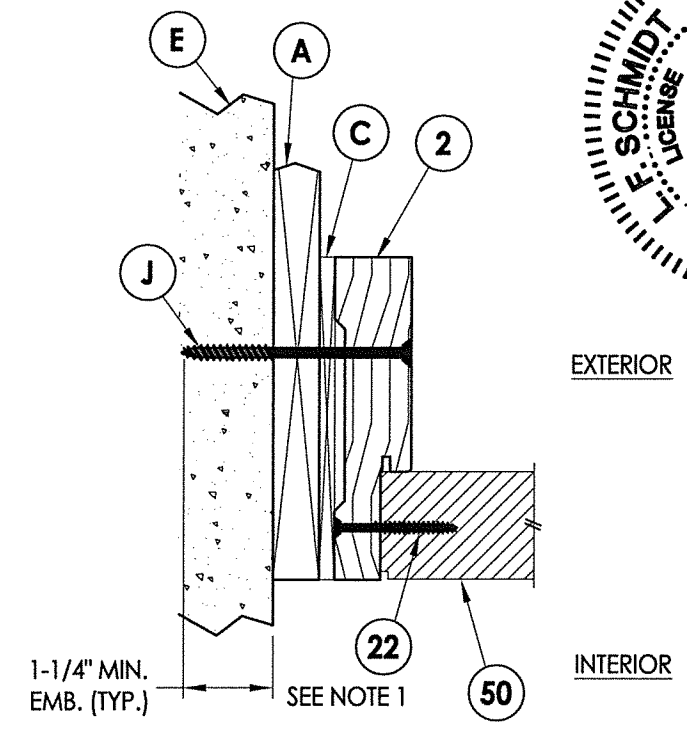
NOTE:
 1. Item #22 located 4" from each end then 7 more (9 total).
 2. Item #22 located 6" from each end (2 total).



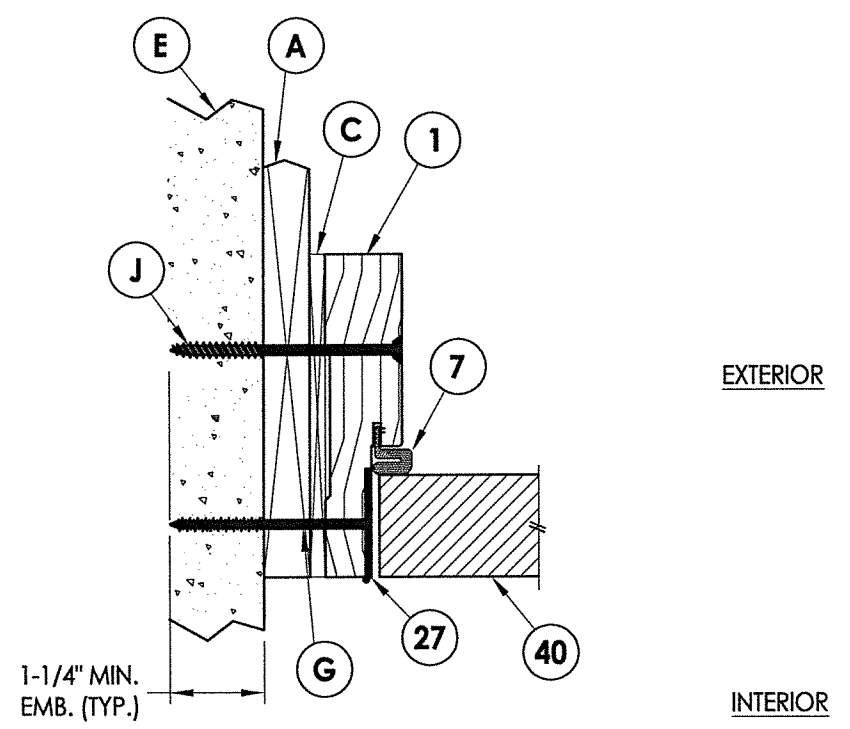
1 **VERTICAL CROSS SECTION**
6 Shown w/ 1X Buck
 Inswing shown (Outswing similar)



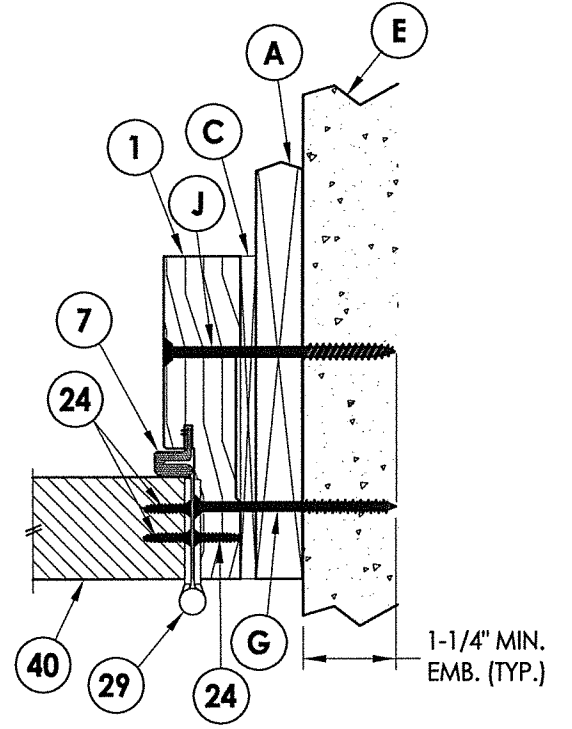
2 **VERTICAL CROSS SECTION**
6 Shown w/ 1X Buck
 Inswing shown (Outswing similar)



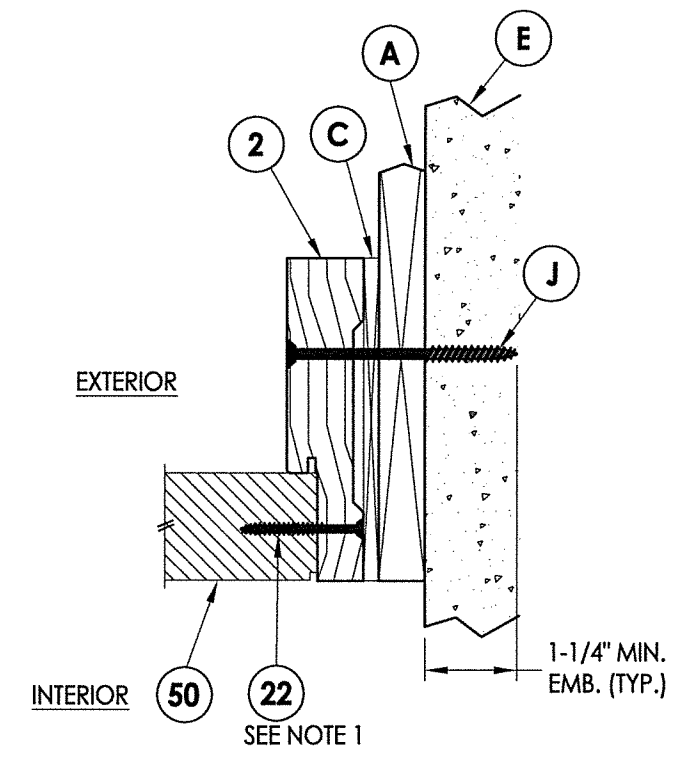
3 **HORIZONTAL CROSS SECTION**
6 Shown w/ 1X Buck
 Inswing shown (Outswing similar)



4 **HORIZONTAL CROSS SECTION**
6 Shown w/ 1X Buck
 Inswing shown (Outswing similar)



5 **HORIZONTAL CROSS SECTION**
6 Shown w/ 1X Buck
 Inswing shown (Outswing similar)



6 **HORIZONTAL CROSS SECTION**
6 Shown w/ 1X Buck
 Inswing shown (Outswing similar)

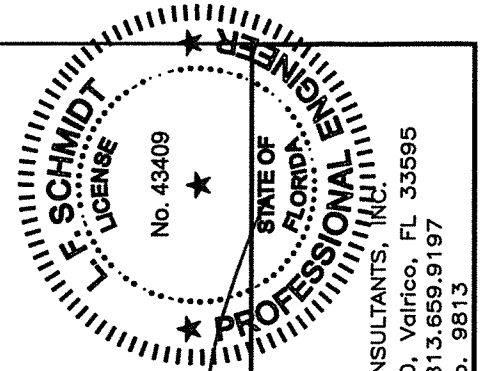
October 12, 2017
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

FLORIDA PROFESSIONAL ENGINEER
 L. F. SCHMIDT
 LICENSE No. 43409

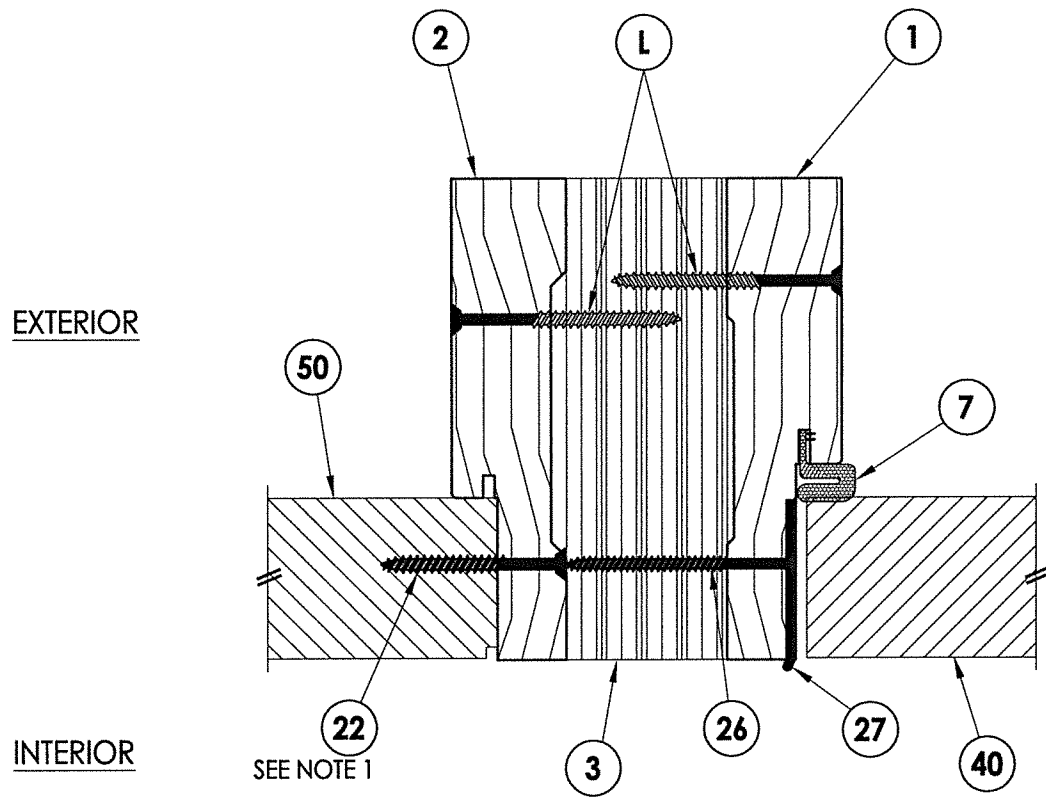
R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Vairico, FL 33595
 Phone No.: 813.659.9197
 FBPE C.A. No. 9813

PRODUCT:		SOUTHEASTERN SASH & DOOR WOOD DOOR	
PART OR ASSEMBLY:		HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
NO.	DATE	BY	REVISIONS
1	10/12/17	LFS	UPDATE TO 6TH ED. (2017)
DATE:		5/10/17	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-22347.2	
SHEET		6 OF 12	

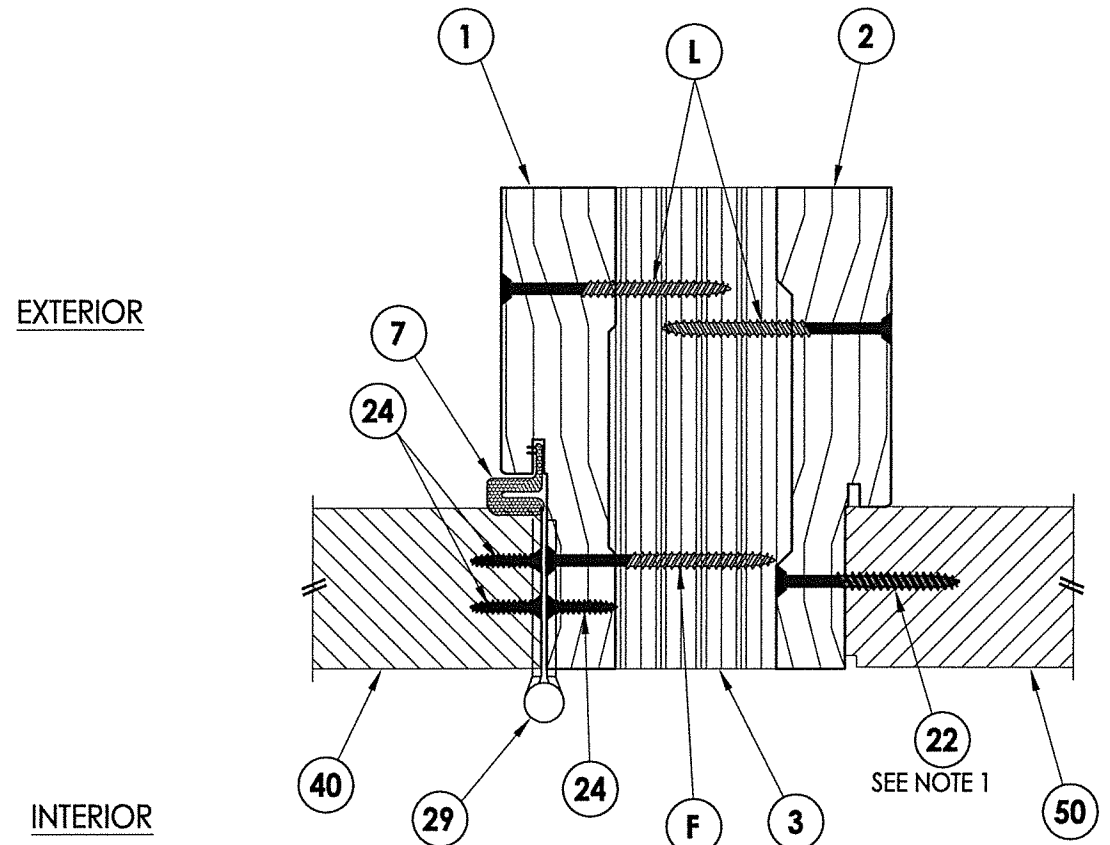
NOTE:
 1. Item #22 located 4" from
 each end then 7 more (9 total).



October 12, 2017
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 RW BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE C.A. No. 9813



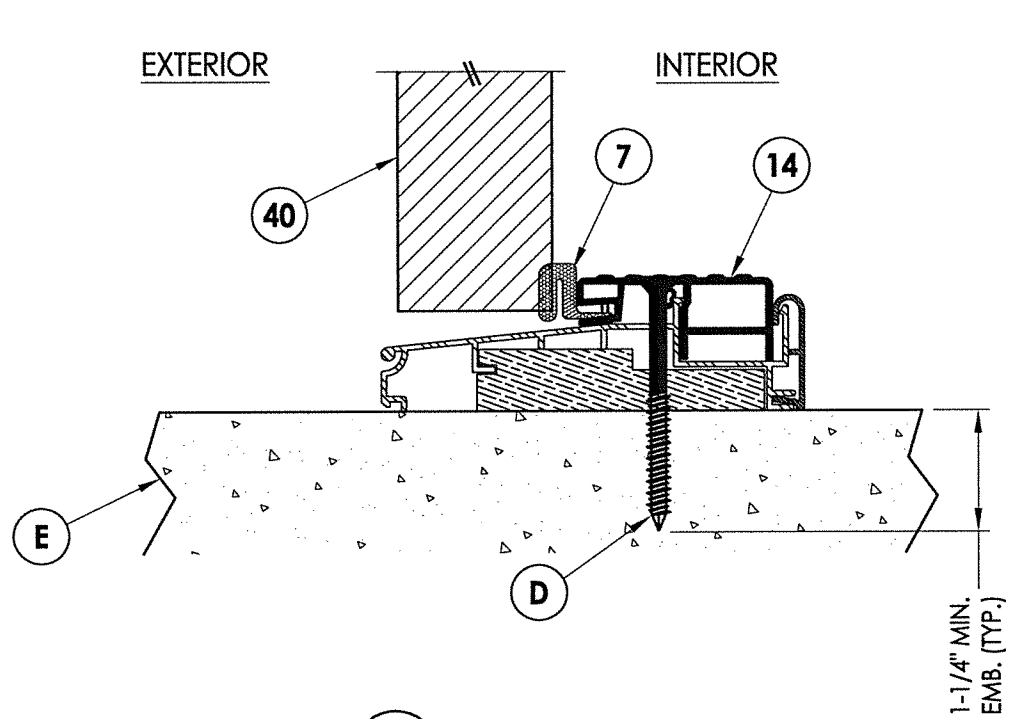
1 HORIZONTAL CROSS SECTION
 7 Inswing shown (Outswing similar)



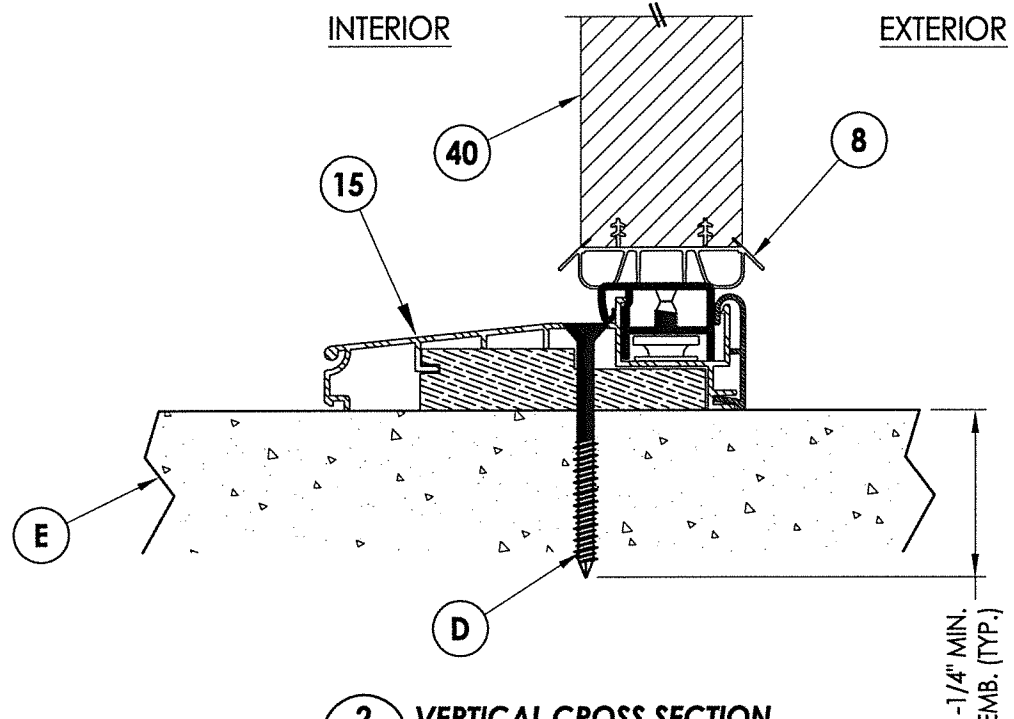
2 HORIZONTAL CROSS SECTION
 7 Inswing shown (Outswing similar)

PRODUCT: SOUTHEASTERN SASH & DOOR WOOD DOOR		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
NO.	DATE	BY	REVISIONS
1	10/12/17	FBC	UPDATE TO 6TH ED. (2017)
DATE: 5/10/17		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-22347.2		SHEET 7 OF 12	

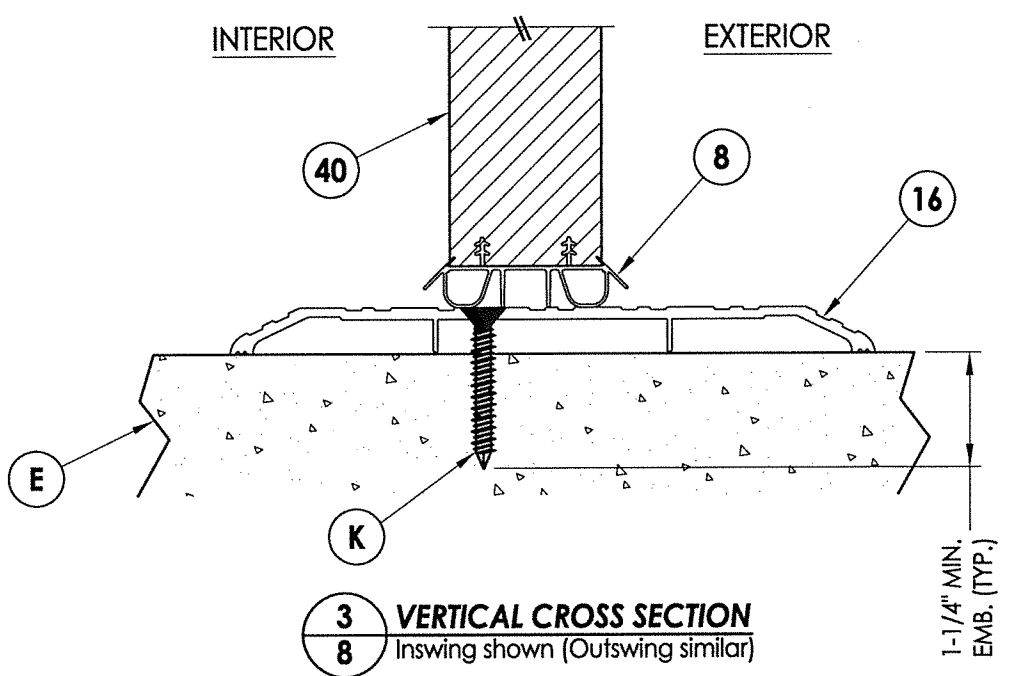
NOTE:
1. Item #22 located 6" from each end (2 total).



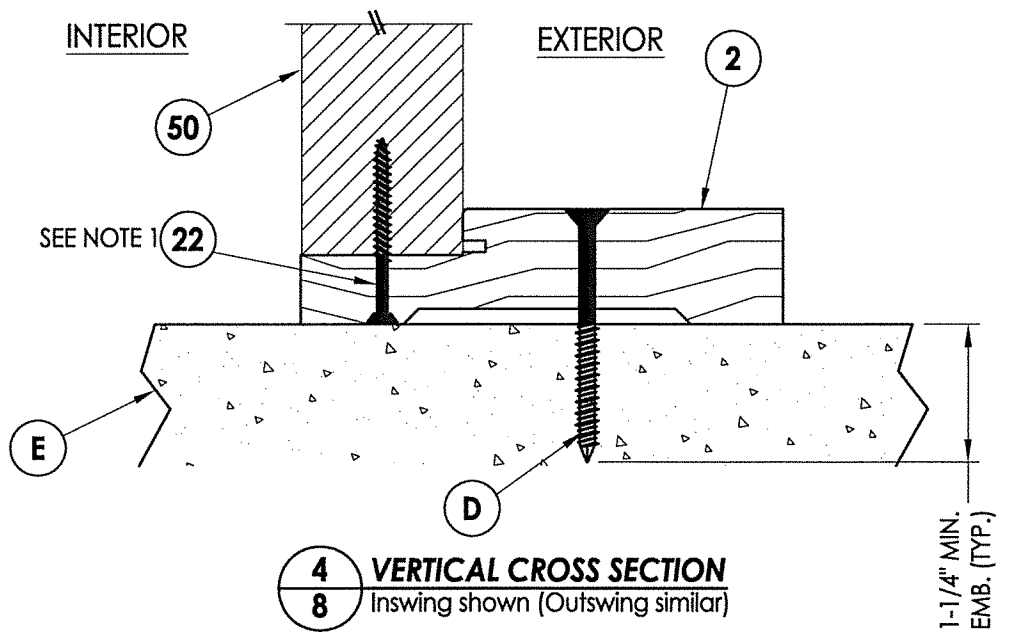
1 VERTICAL CROSS SECTION
8 Outswing



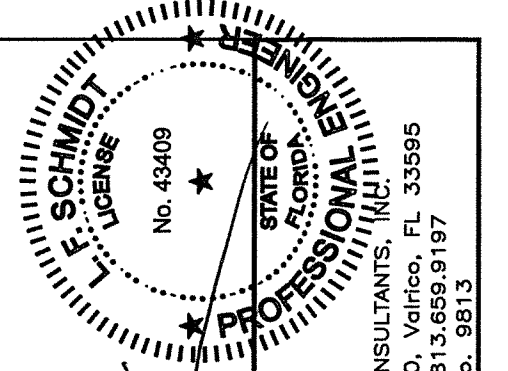
2 VERTICAL CROSS SECTION
8 Inswing



3 VERTICAL CROSS SECTION
8 Inswing shown (Outswing similar)



4 VERTICAL CROSS SECTION
8 Inswing shown (Outswing similar)

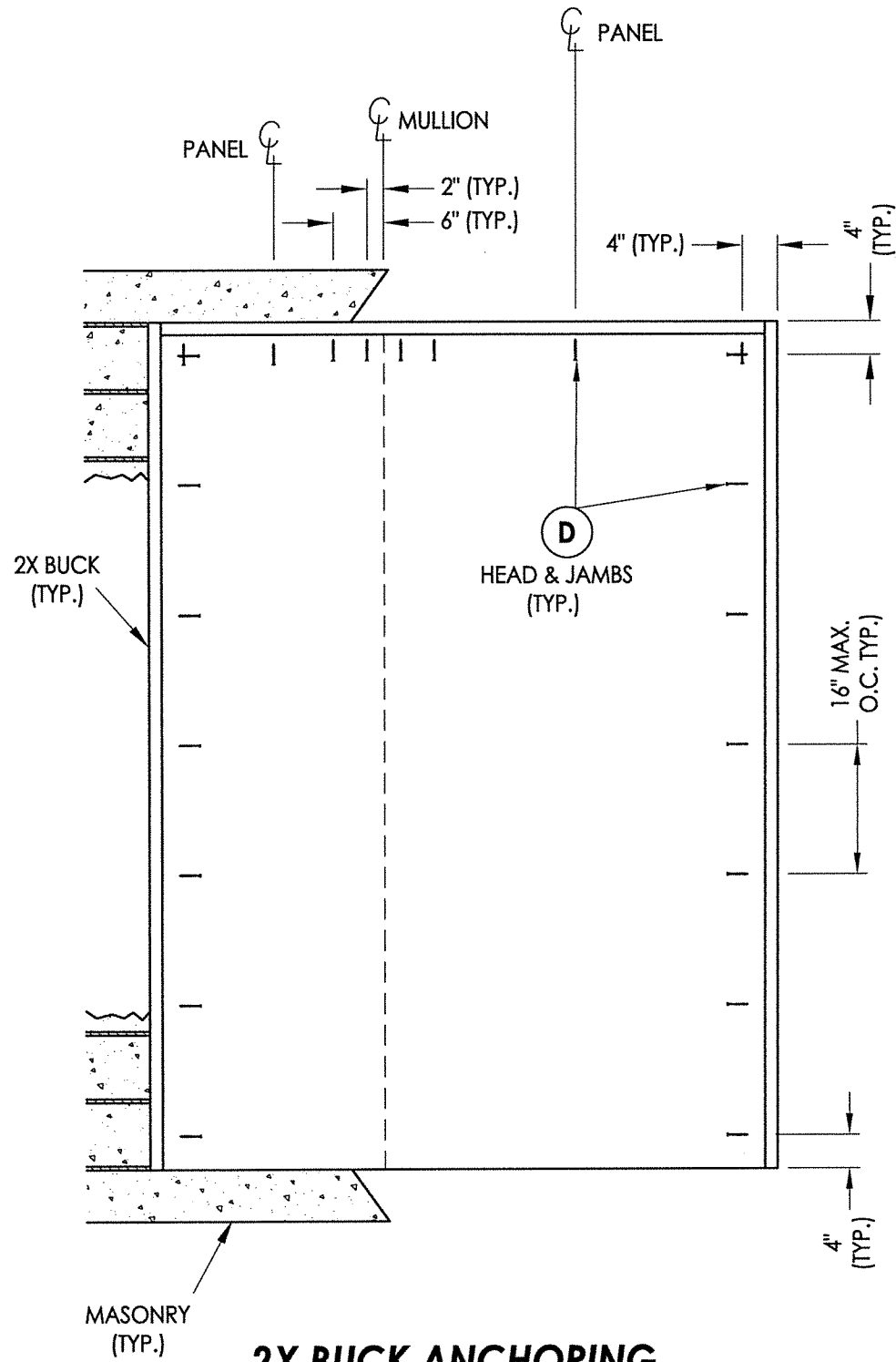


October 12, 2017
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
LFS BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

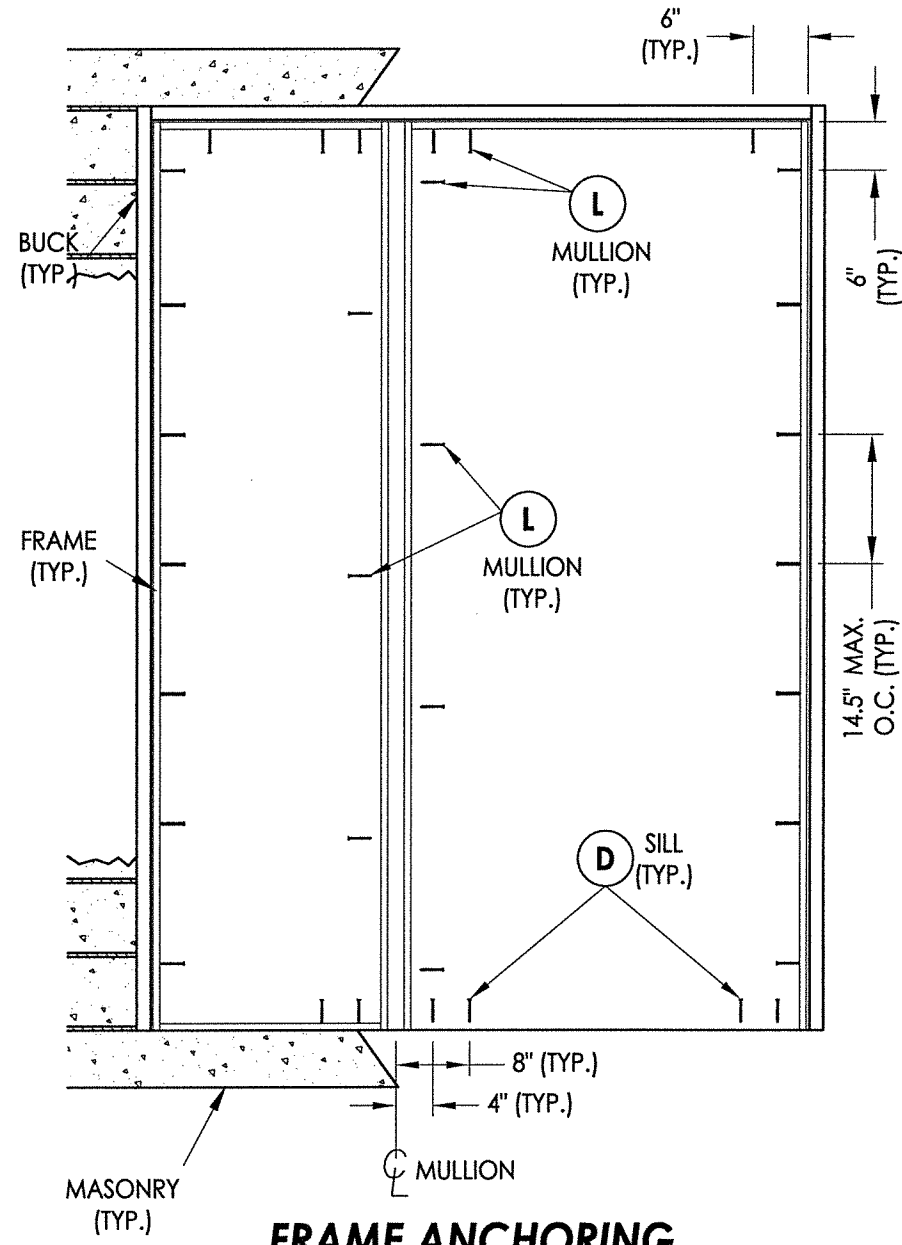
PRODUCT:	SOUTHEASTERN SASH & DOOR WOOD DOOR
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS (THRESHOLD)

NO.	DATE	BY	REVISIONS
1	10/12/17	LFS	UPDATE TO 6TH ED. (2017)
		FBC	

DATE:	5/10/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-22347.2
SHEET	8 of 12

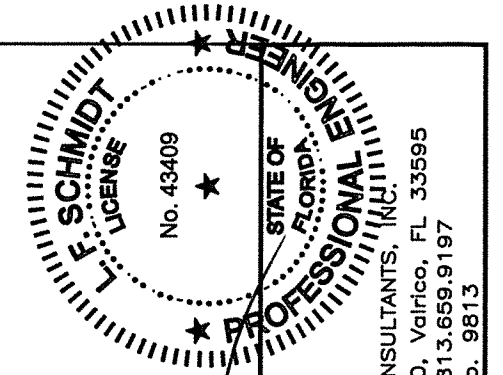


2X BUCK ANCHORING
OX Shown (XO - Similar)



FRAME ANCHORING
OX Shown (XO - Similar)

NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH DEEP THREAD WOOD SCREWS @ SILL.



October 12, 2017
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE C.A. No. 9813

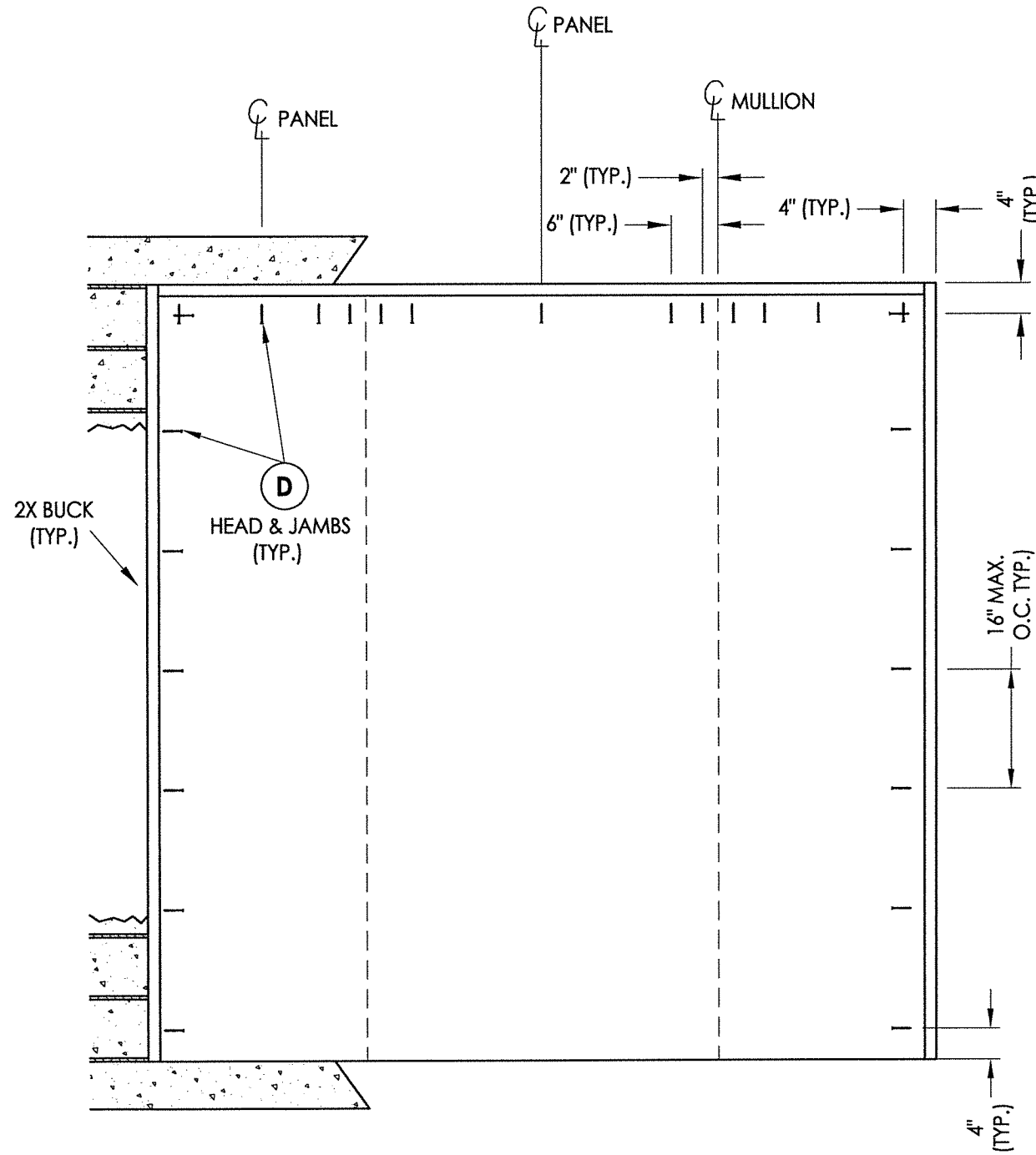
PRODUCT:
SOUTHEASTERN SASH & DOOR
WOOD DOOR

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING
(OX)

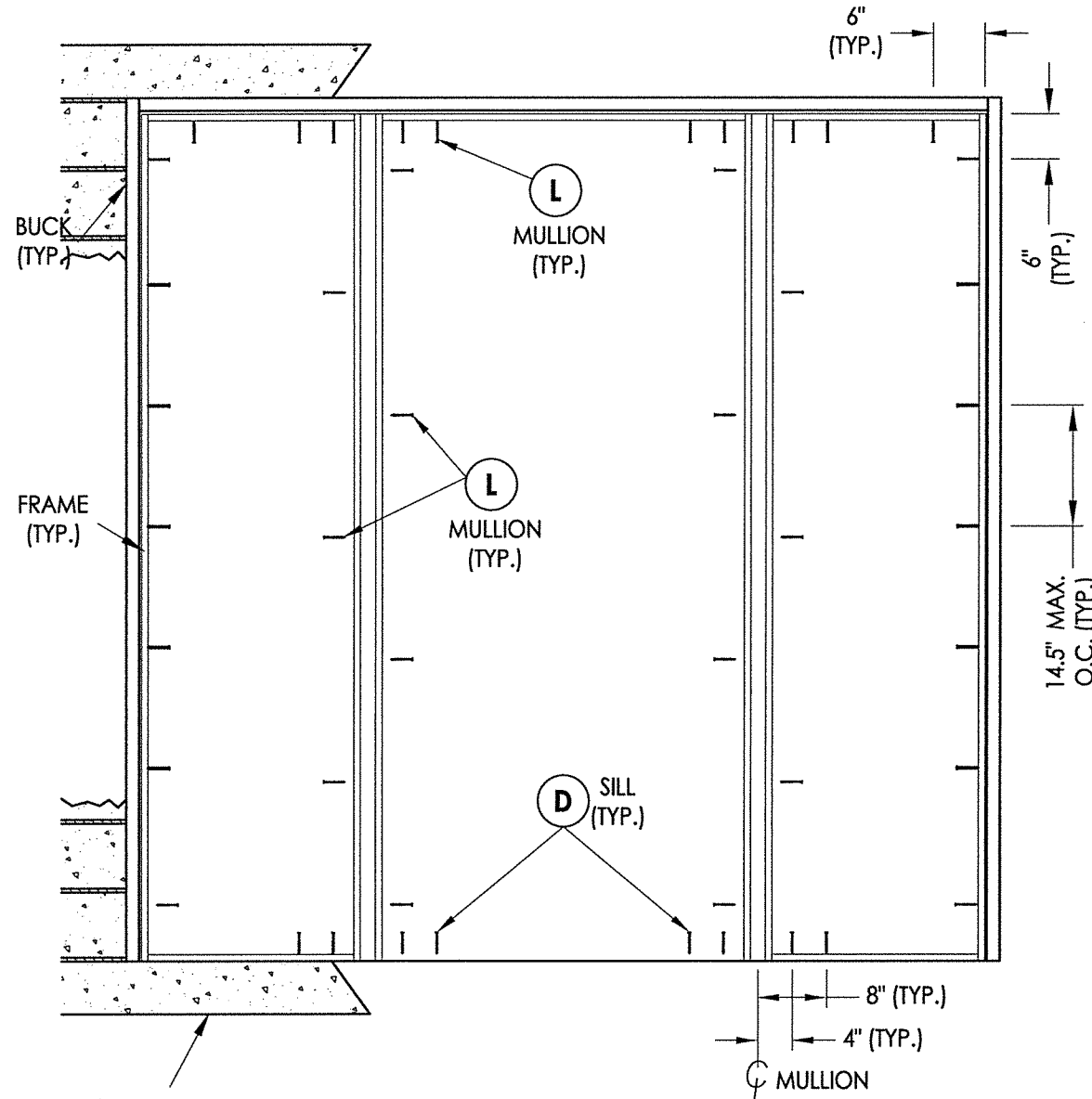
NO.	DATE	DESCRIPTION	BY
1	10/12/17	UPDATE TO 6TH ED. (2017) FBC	LFS

DATE: 5/10/17
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-22347.2
 SHEET 9 OF 12

R:\Clients\Southeastern Sash & Door\A - Florida Product Approval\FL-22347\Drawings\FL-22347\1-3.dwg, 10.2

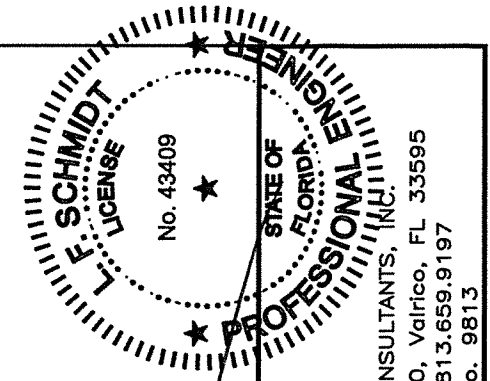


2X BUCK ANCHORING
OXO



FRAME ANCHORING
OXO

NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH DEEP THREAD WOOD SCREWS @ SILL.

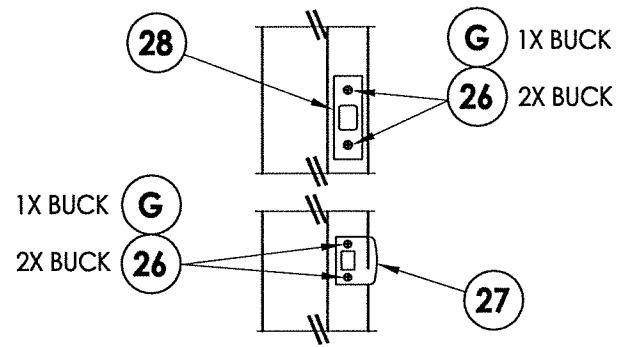


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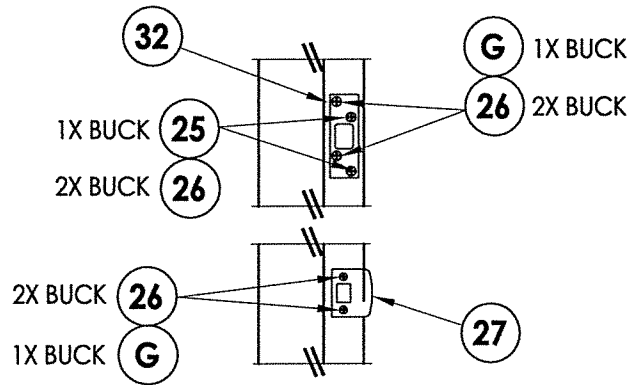
PRODUCT:
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 WOOD DOOR
 PART OR ASSEMBLY:
 BUCK & FRAME ANCHORING
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		LFS
		BY

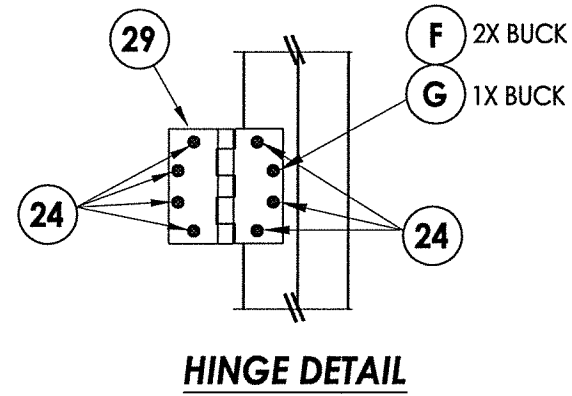
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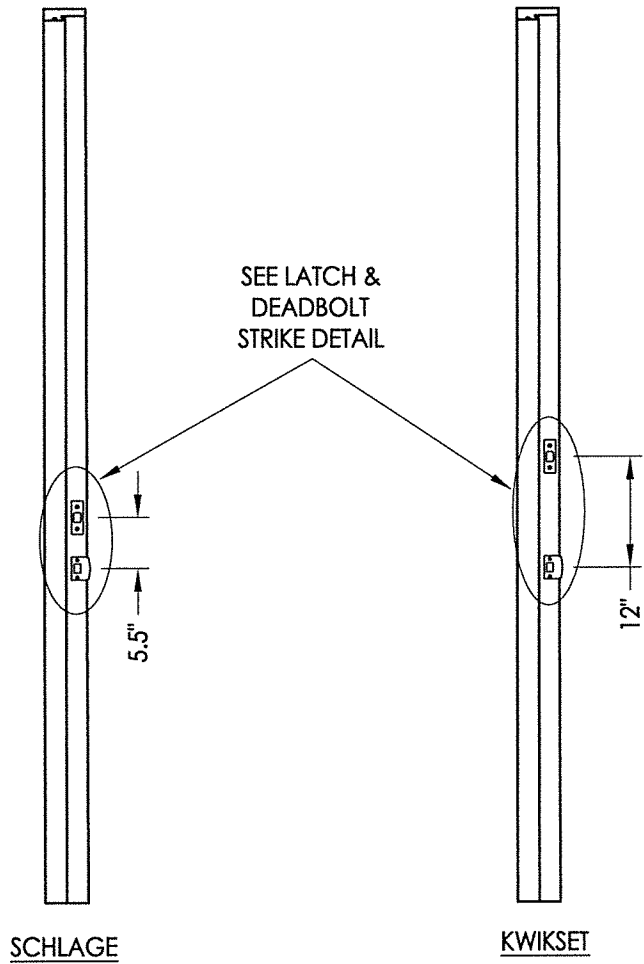
LATCH & DEADBOLT STRIKE DETAIL
SCHLAGE



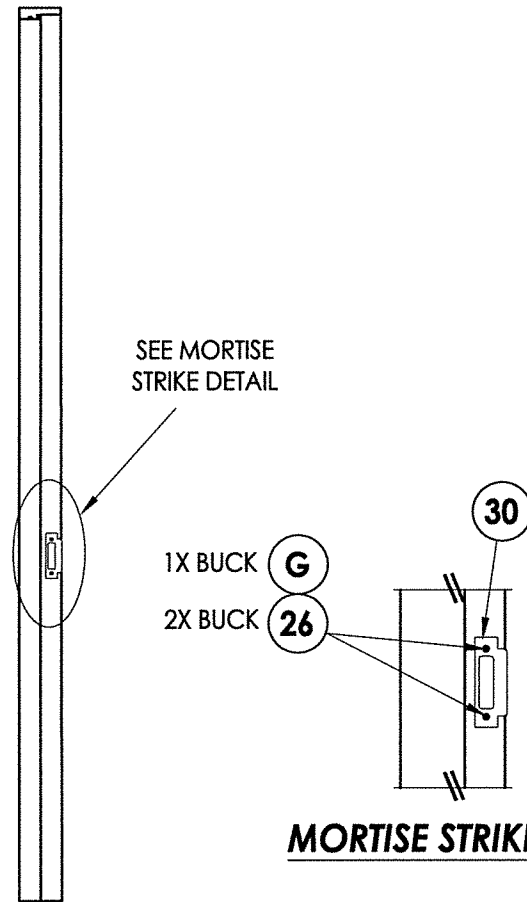
LATCH & DEADBOLT STRIKE DETAIL
KWIKSET



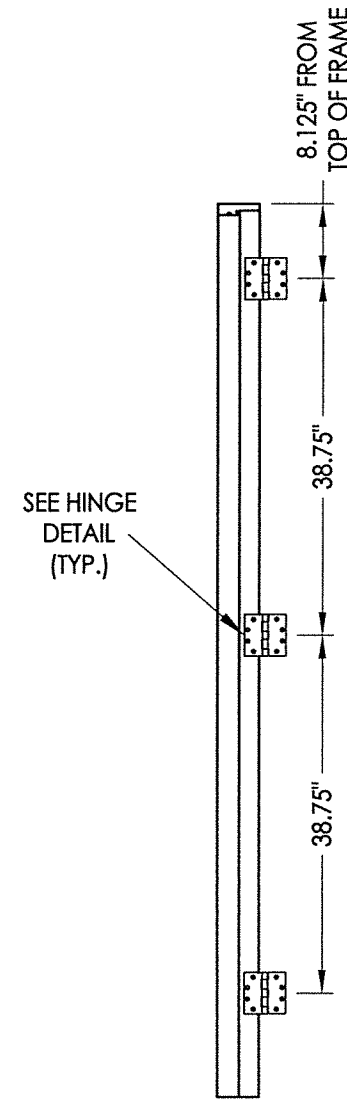
HINGE DETAIL



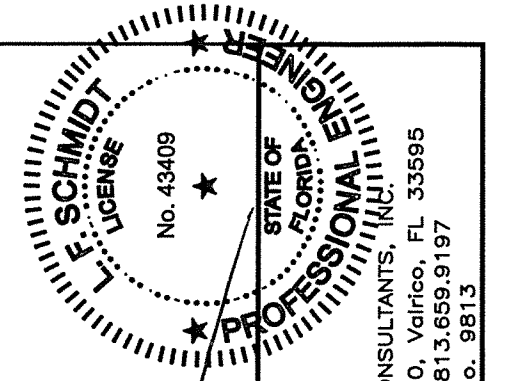
LATCH & DEADBOLT DETAILS



MORTISE LOCK DETAILS



HINGE JAMB



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PRODUCT: SOUTHEASTERN SASH & DOOR WOOD DOOR
 PART OR ASSEMBLY: HARDWARE DETAILS

NO.	DATE	DESCRIPTION	BY
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DATE: 5/10/17
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#12 X 2-1/2" PFH WOOD SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
K	1/4" X 1-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
1	JAMB (Door)	WOOD
2	JAMB (Sidelite)	WOOD
3	MULLION	LSL
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
14	OUTSWING THRESHOLD	ALUM/COMP
15	INSWING THRESHOLD	ALUM/COMP
16	ADA THRESHOLD	ALUM
22	#10 X 2" PFH WOOD SCREW	STEEL
24	#12 x 1" PFH WOOD SCREW	STEEL
25	#8 x 1-3/4" PFH WOOD SCREW	STEEL
26	#8 x 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	4.5" X 4.5" HINGE	STEEL
30	MORTISE STRIKE PLATE	STEEL
32	DEADBOLT SECURITY STRIKE PLATE	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-
70	TRANSOM PANEL	-

WOOD FRAME COMPONENTS: SIPO (UTILE) (G = 0.53)

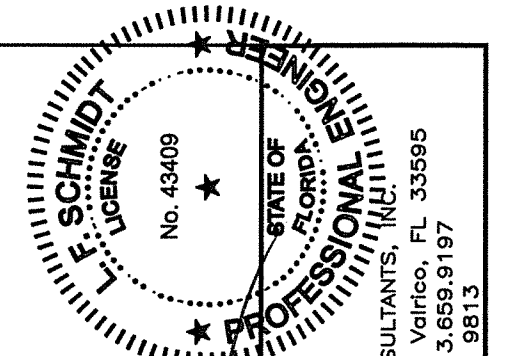
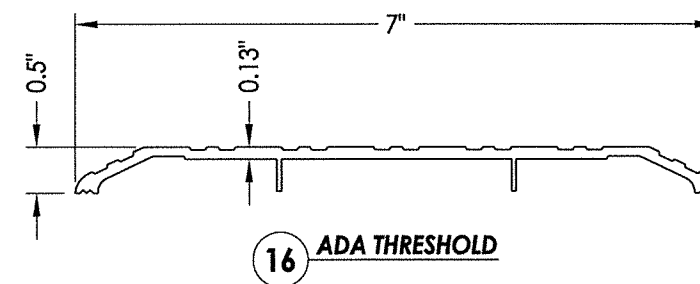
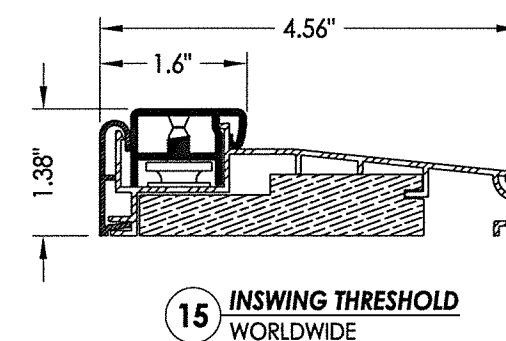
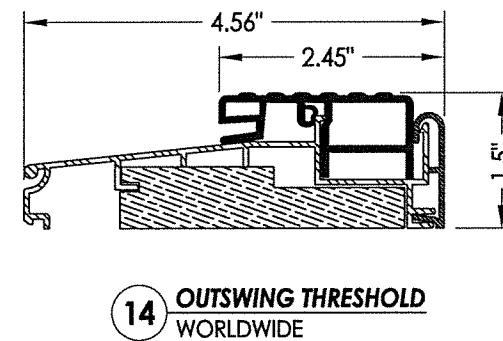
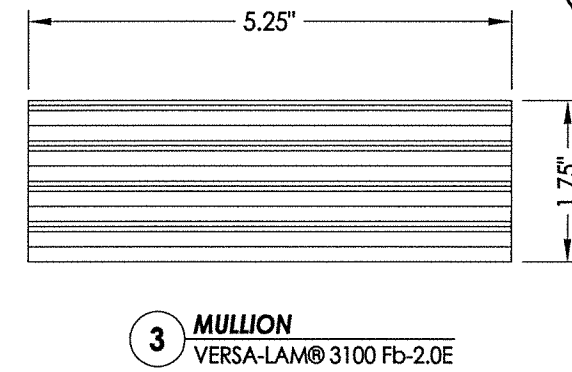
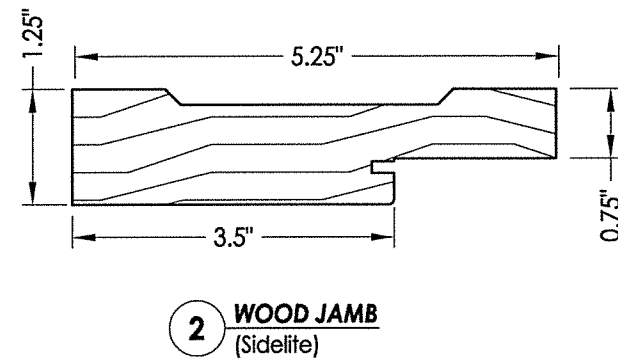
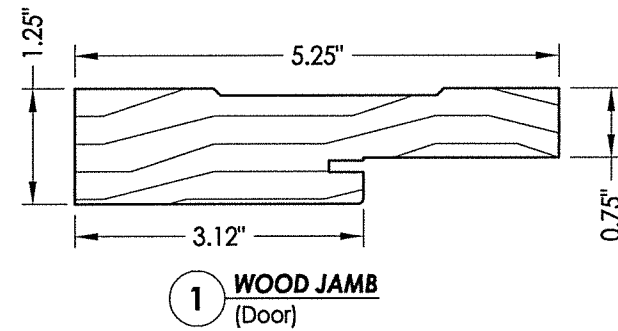
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



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PRODUCT:
 SOUTHEASTERN SASH & DOOR
 WOOD DOOR
 PART OR ASSEMBLY:
 BILL OF MATERIALS
 & COMPONENTS

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