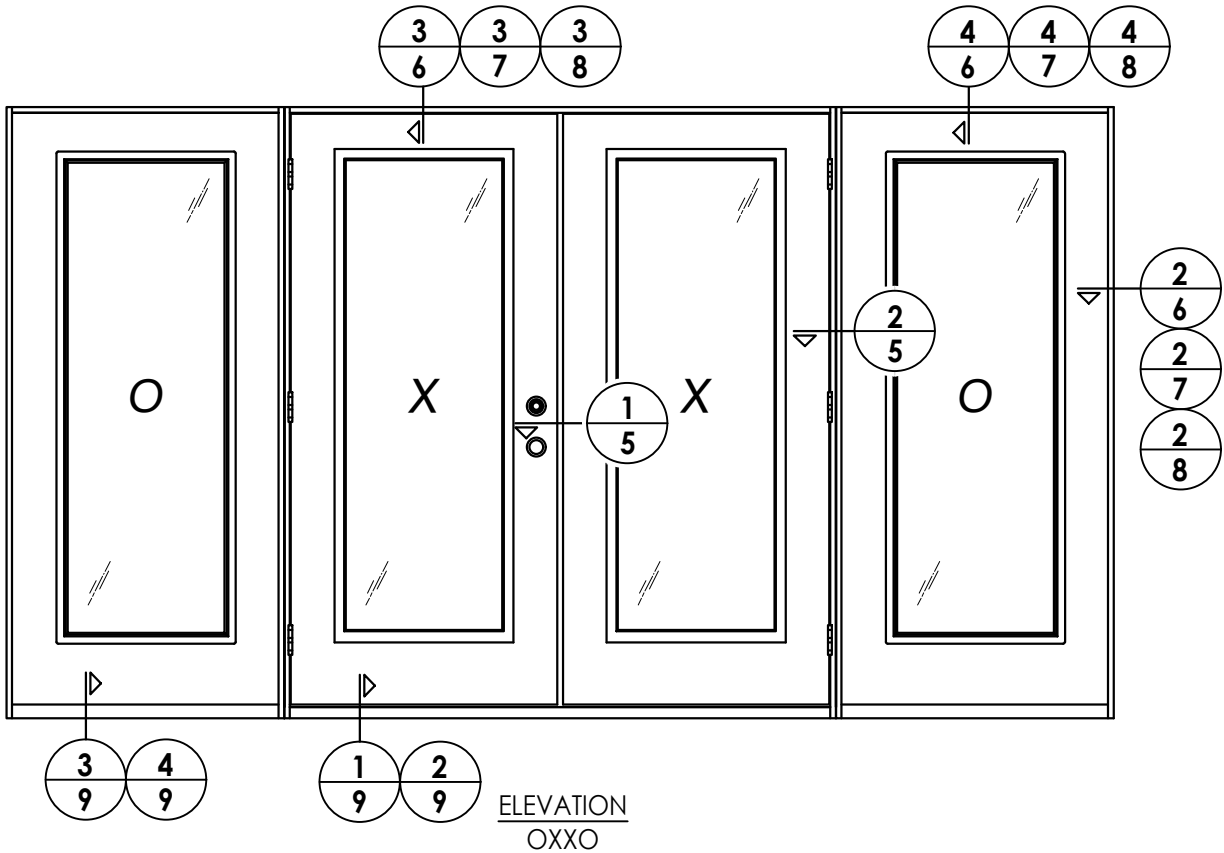
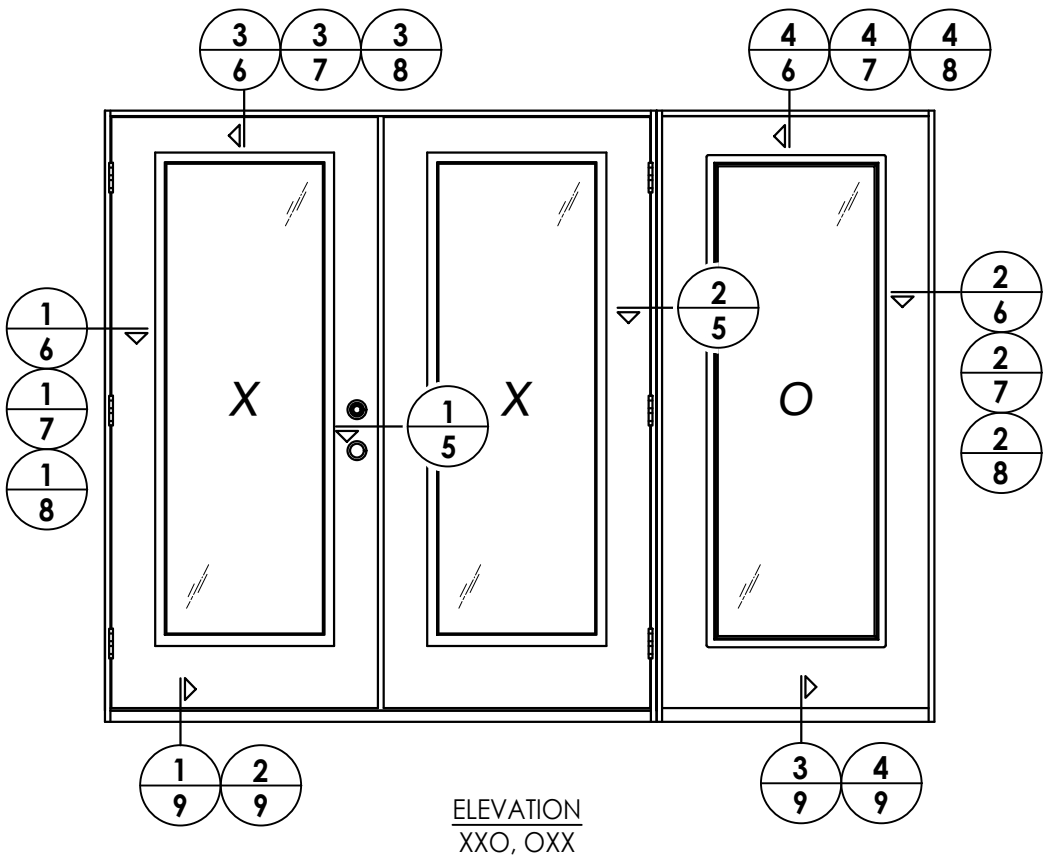
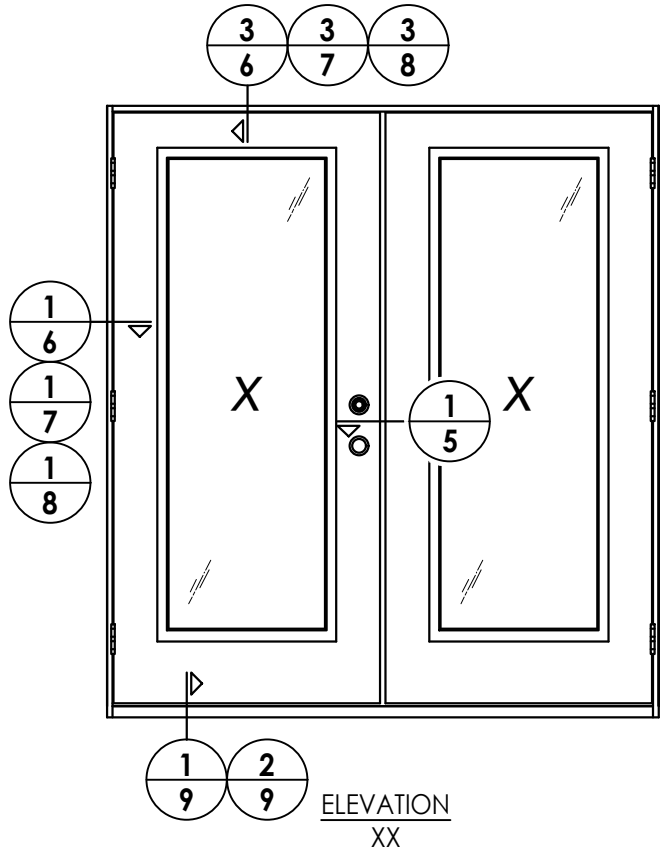


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DATE: 9/15/21
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-37185.2
SHEET 4 OF 12

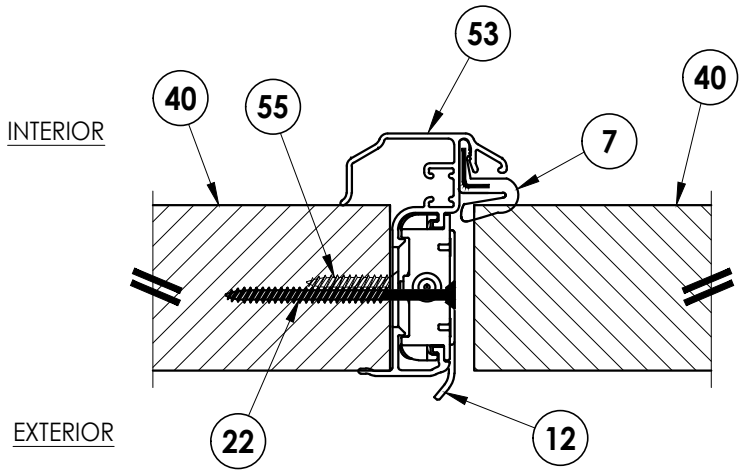
NO	DATE	DESCRIPTION	BY
1	7/31/23	UPDATE TO 8TH ED. (2023) FBC	LFS

PRODUCT:	TRINITY FIBERGLASS PATIO DOOR "Impact"
PART OR ASSEMBLY:	ELEVATIONS

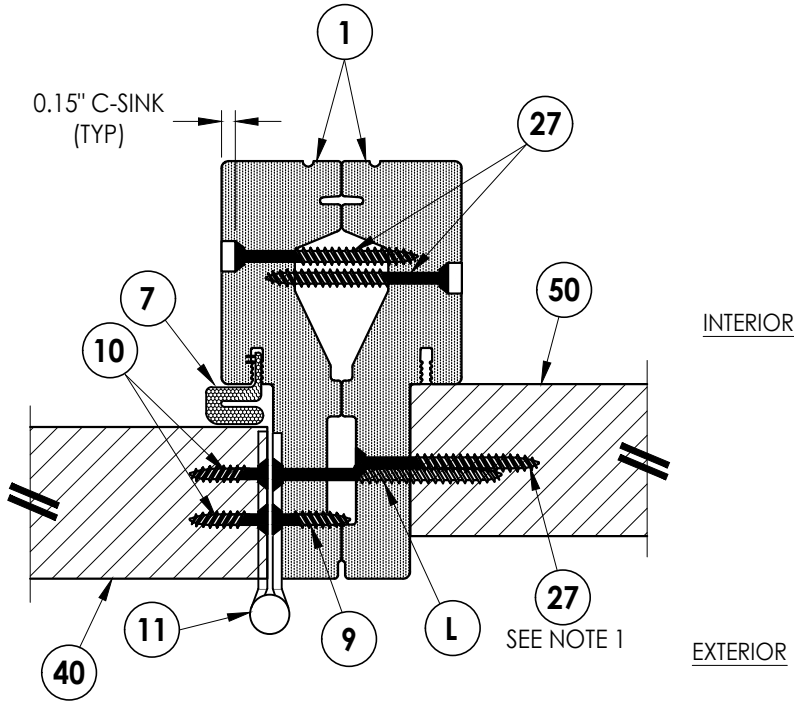
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Trinity Glass Int\FL-37185 R3\F1-37185.2.dwg



1
5 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)

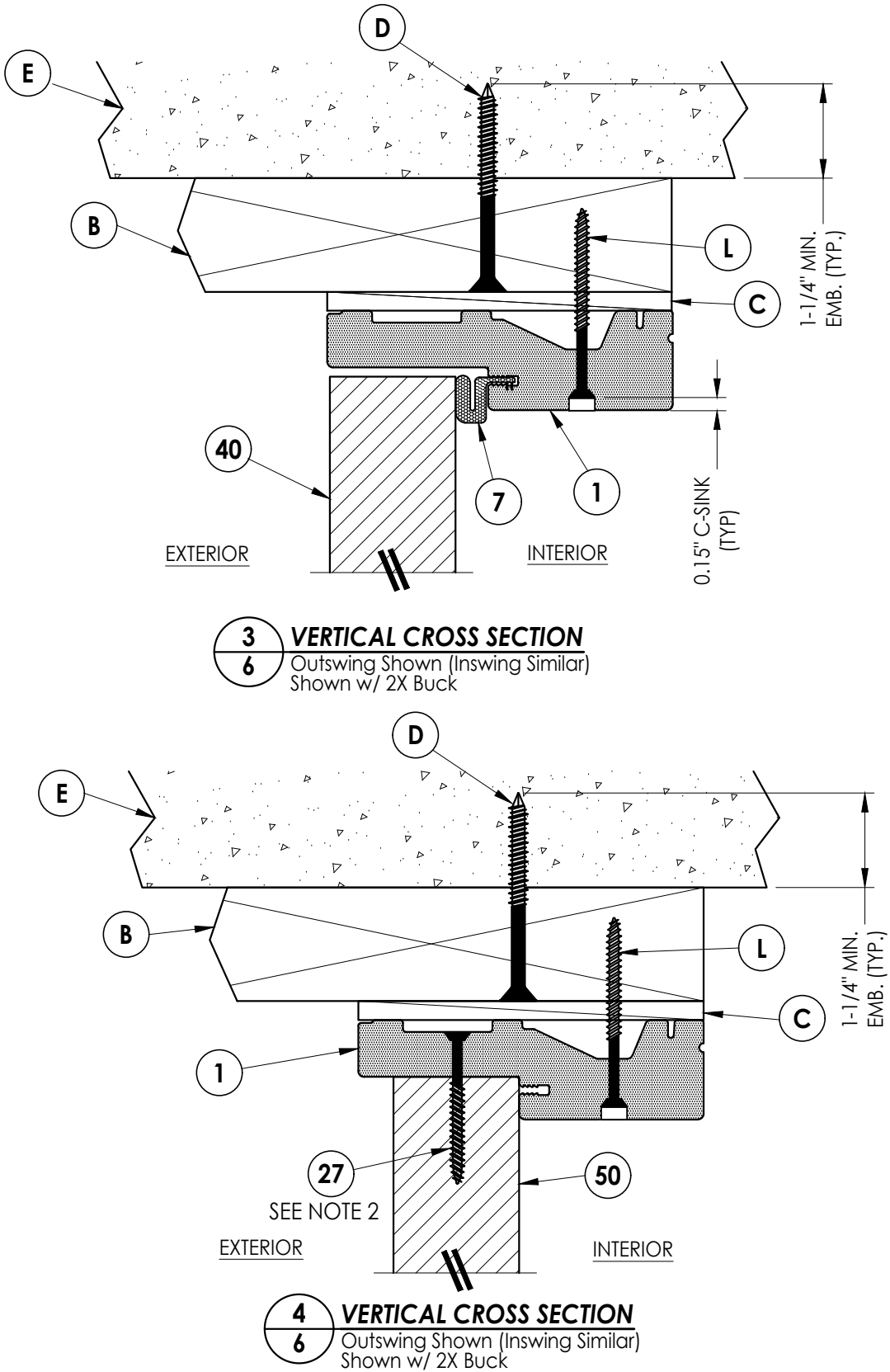
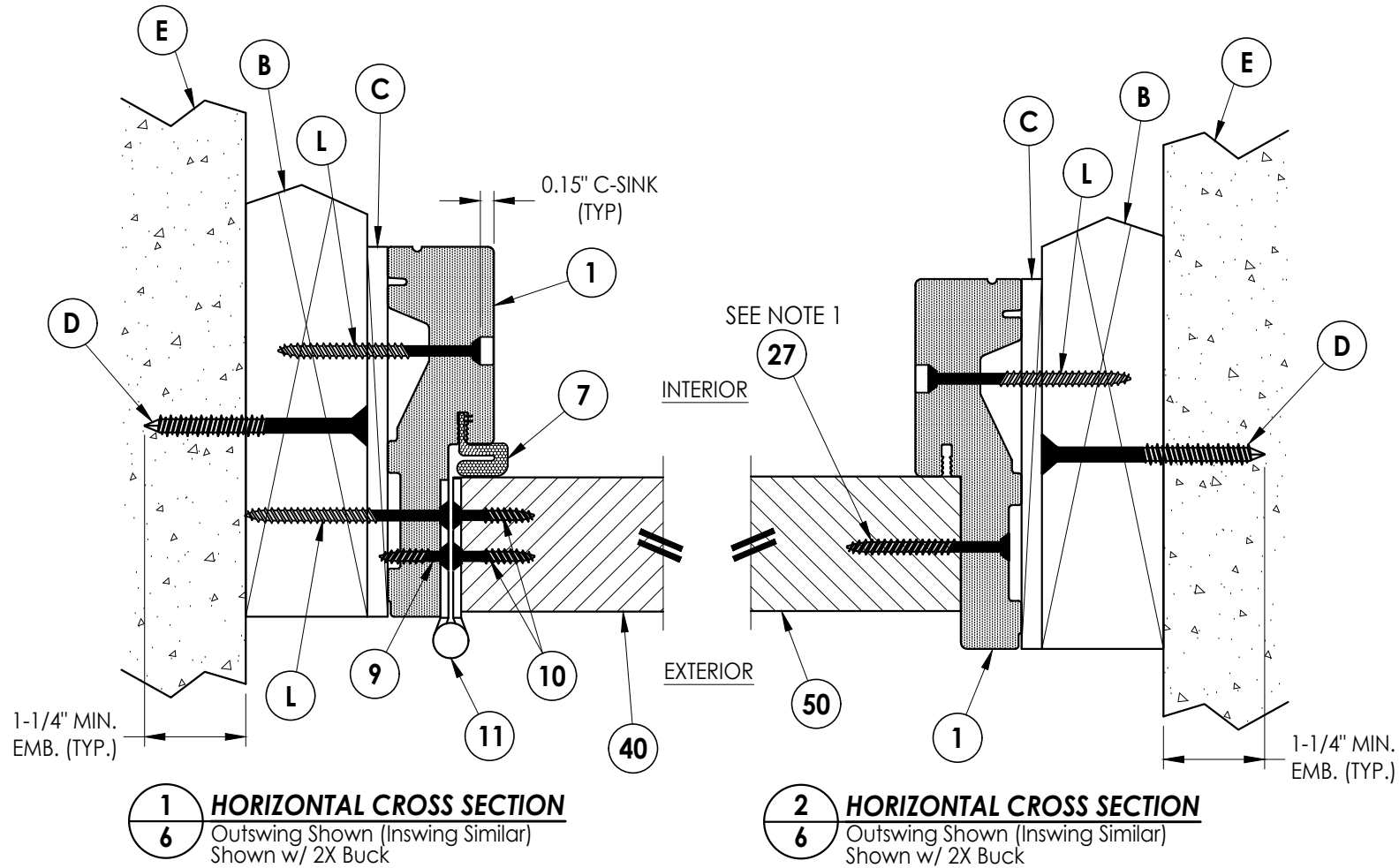


2
5 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)

Notes:
1. Sidelite assembly screws located 6\"/>

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 Registry No. 9813			
PRODUCT:		TRINITY FIBERGLASS PATIO DOOR "Impact"		PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	

Z:\2023 FBC Drawings\Trinity Glass Int\FL-37185 R3\FL-37185.2.dwg

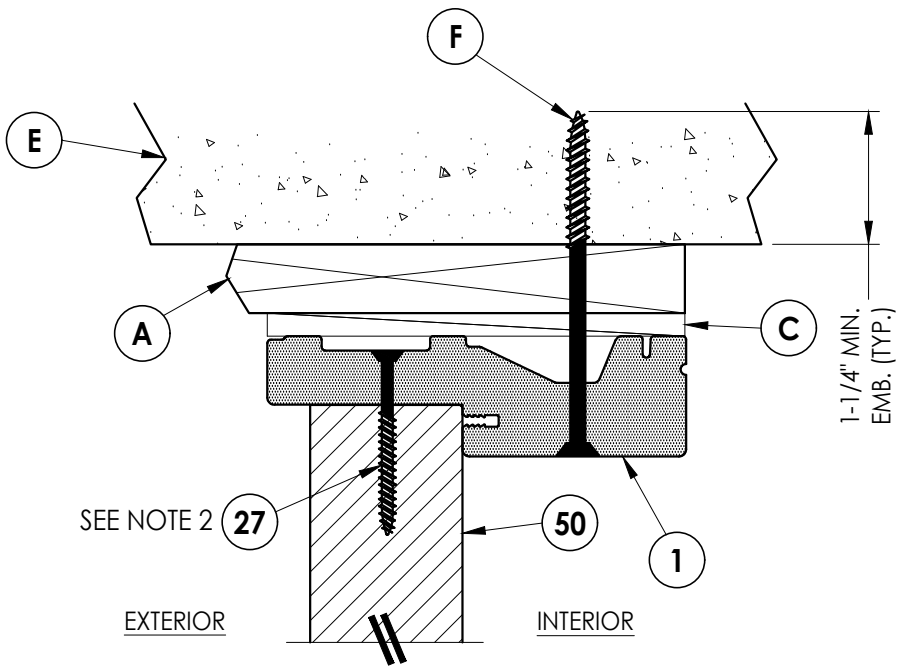
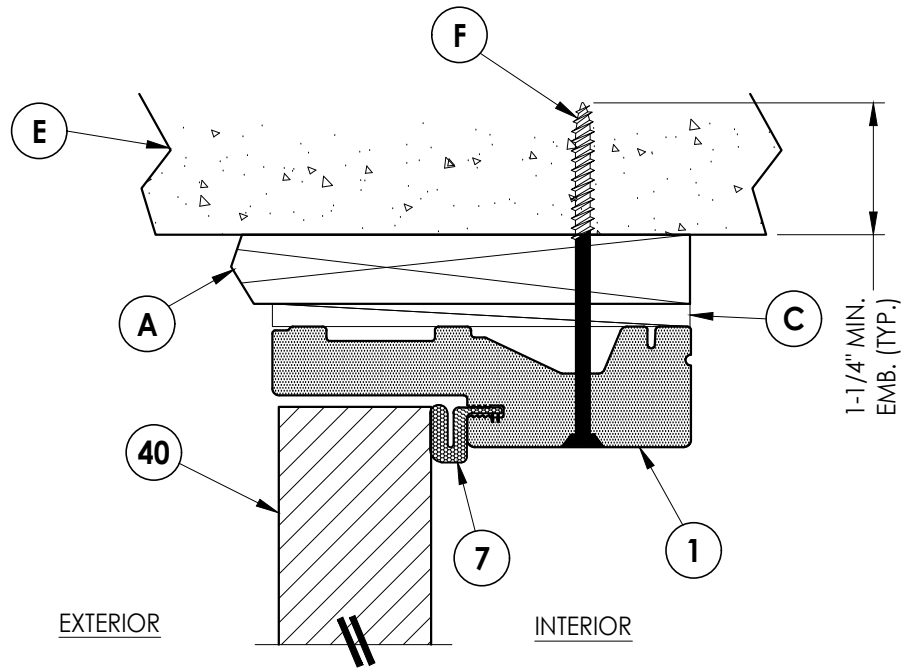
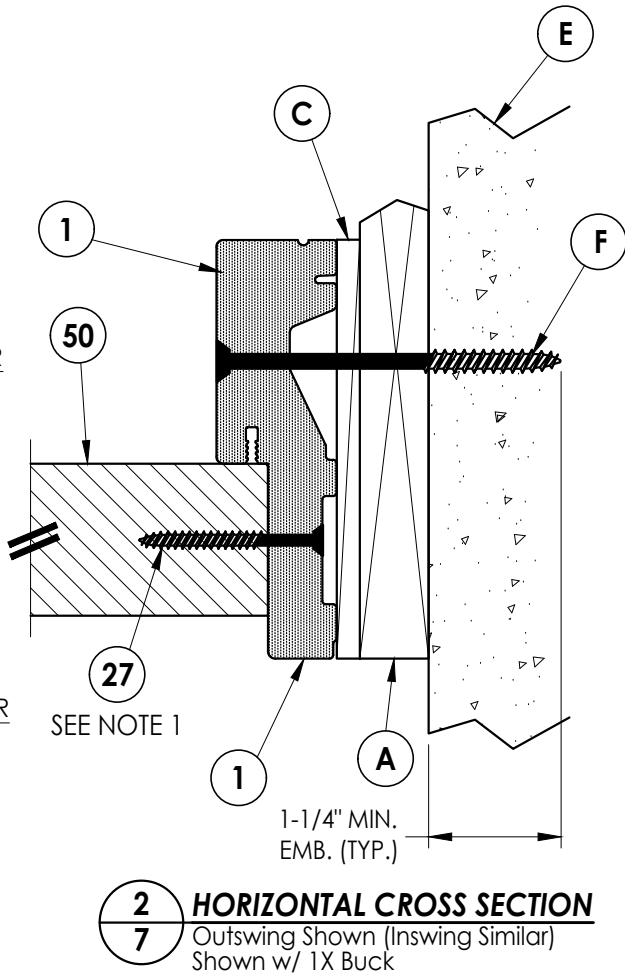
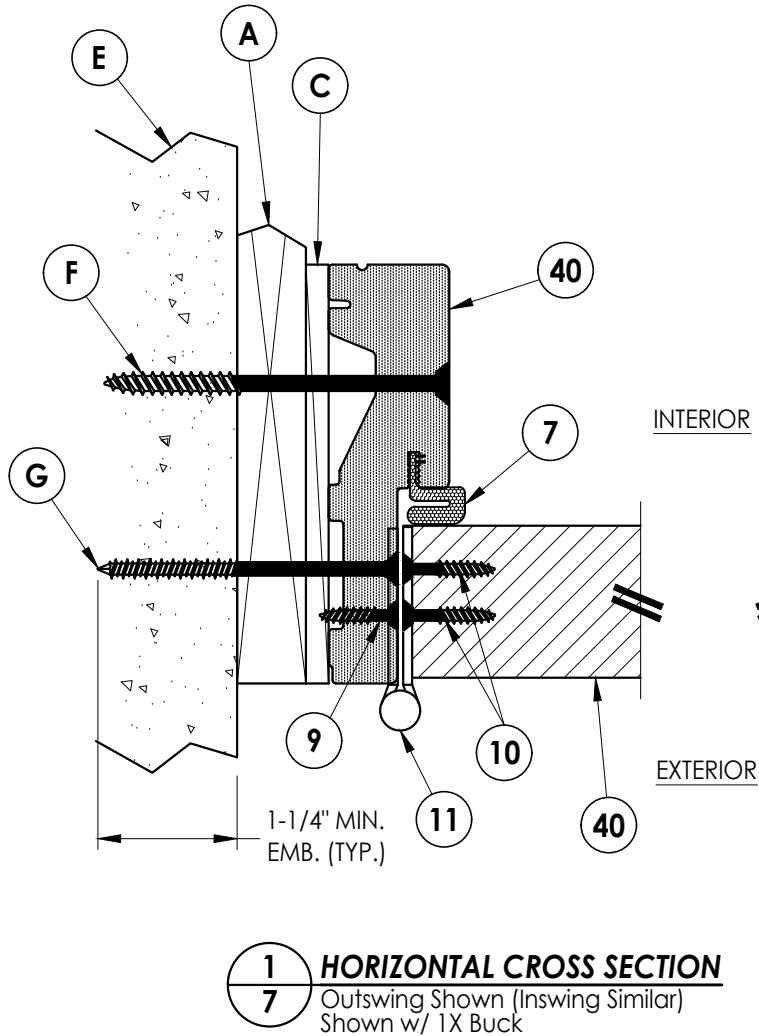


Notes:

1. Sidelite assembly screws located 6" from each end and 4 more screws equally spaced between (6 screws total per side jamb).
2. Sidelite assembly screws located 10" from each end (2 screws total along head & sill).

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 Registry No. 9813	
PRODUCT:	TRINITY FIBERGLASS PATIO DOOR "Impact"	PART OR ASSEMBLY:	HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)
		NO.	DATE
		1	7/31/23
			UPDATE TO 8TH ED. (2023) FBC
			LFS
			BY
			REVISIONS
DATE: 9/15/21			
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-37185.2			
SHEET 6 OF 12			

Z:\2023 FBC Drawings\Trinity Glass Int\VL-37185 R3\FL-37185.2.dwg

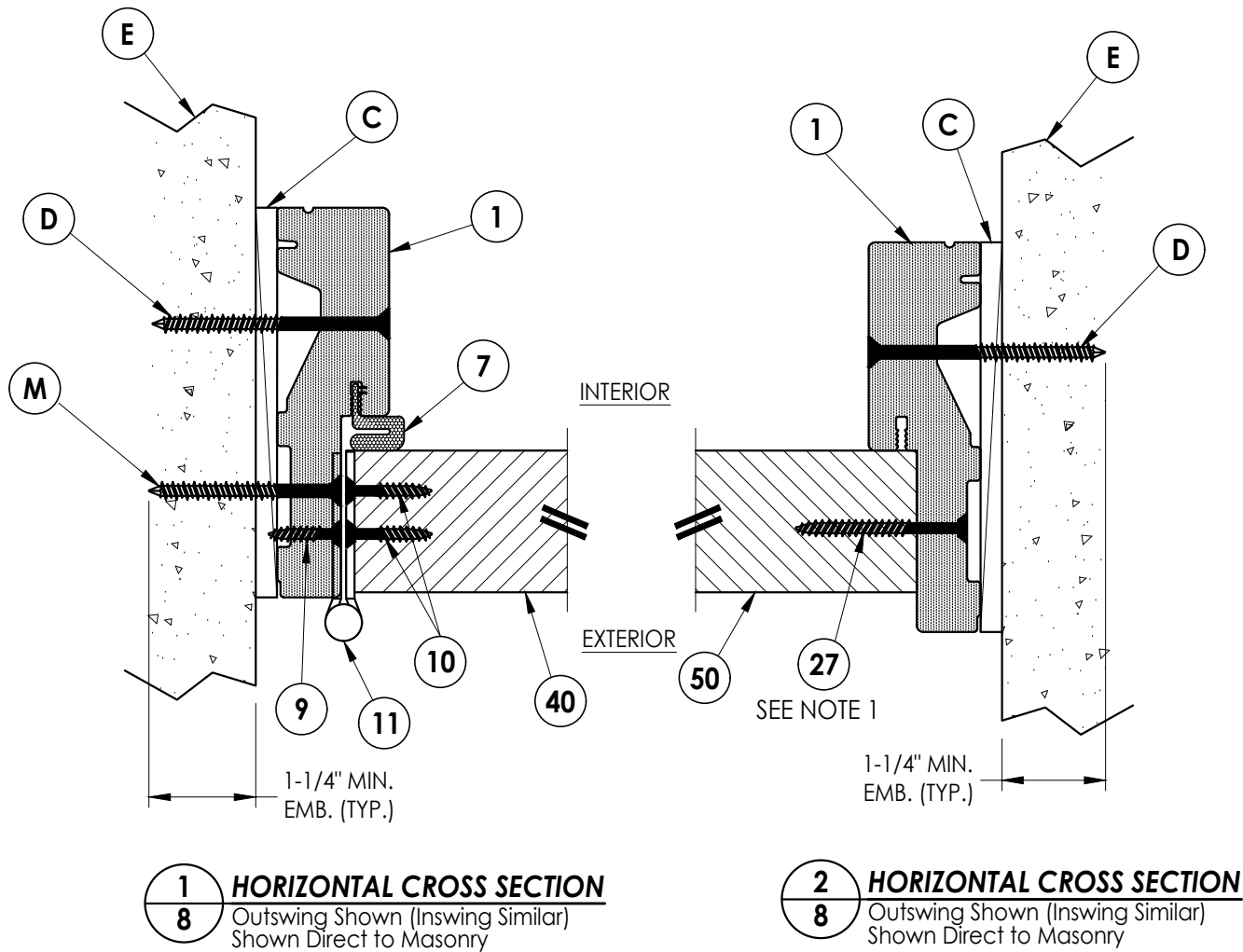


Notes:

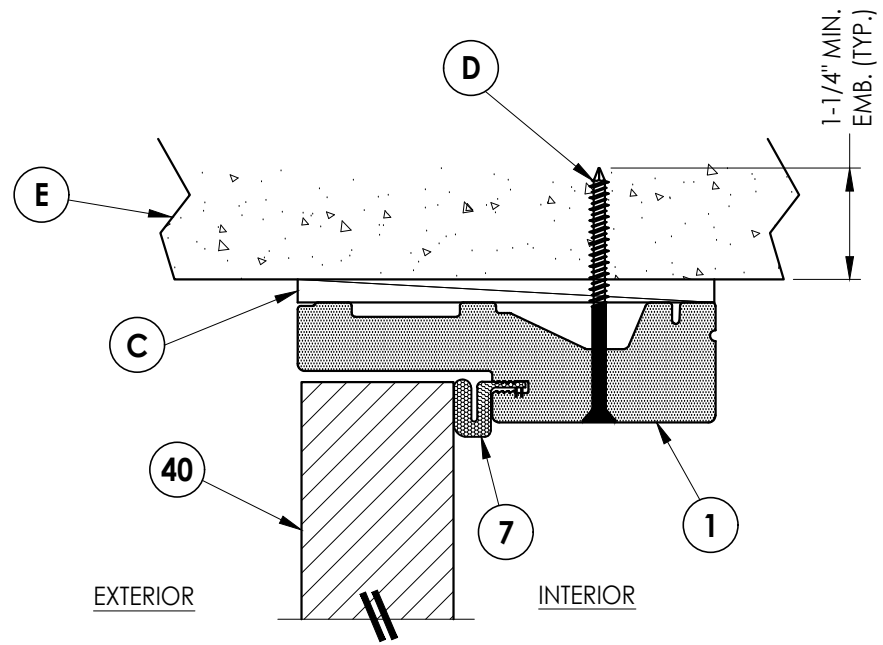
1. Sidelite assembly screws located 6" from each end and 4 more screws equally spaced between (6 screws total per side jamb).
2. Sidelite assembly screws located 10" from each end (2 screws total along head & sill).

DATE: 9/15/21																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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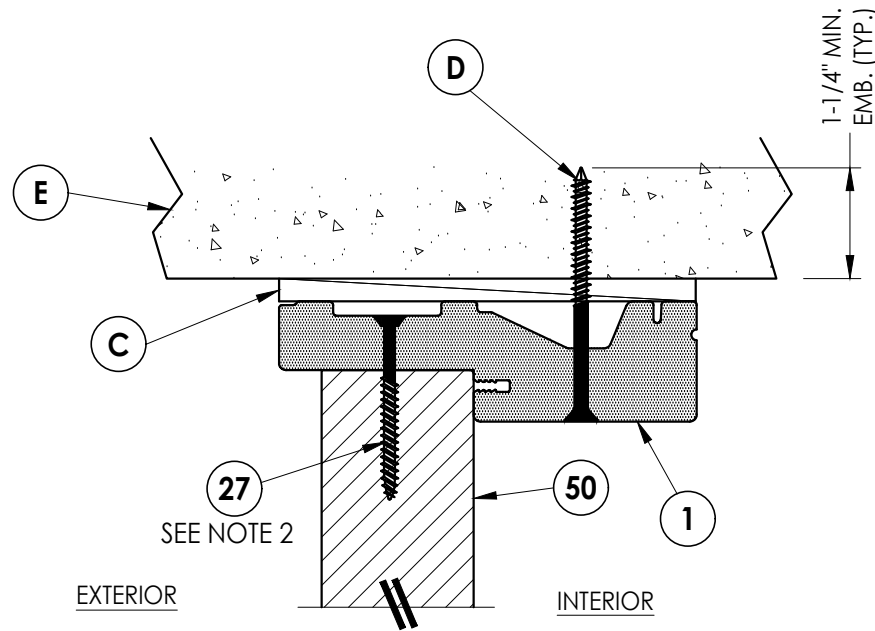
Z:\2023 FBC Drawings\Trinity Glass Int\FL-37185 R3\FL-37185.2.dwg



- Notes:
1. Sidelite assembly screws located 6" from each end and 4 more screws equally spaced between (6 screws total per side jamb).
 2. Sidelite assembly screws located 10" from each end (2 screws total along head & sill).



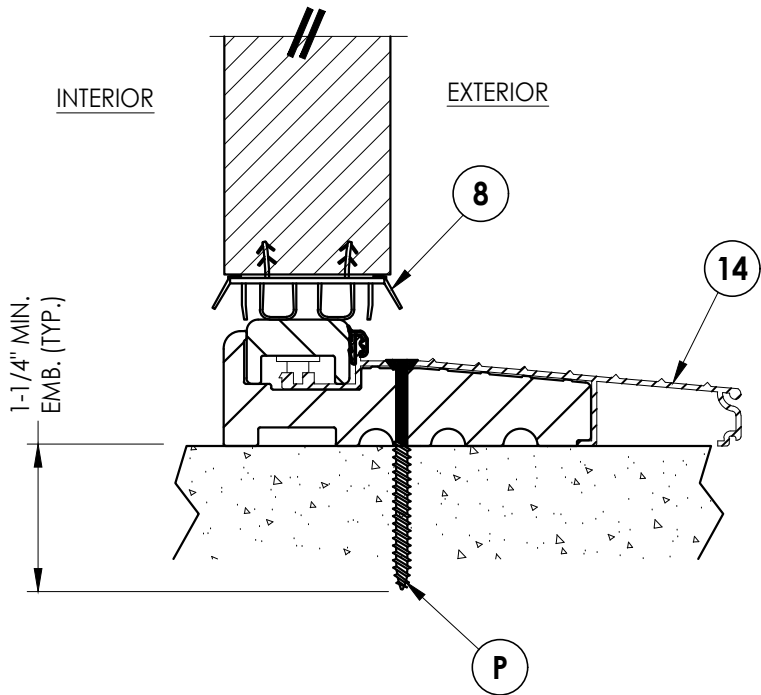
3 VERTICAL CROSS SECTION
8 Outswing Shown (Inswing Similar)
Shown Direct to Masonry



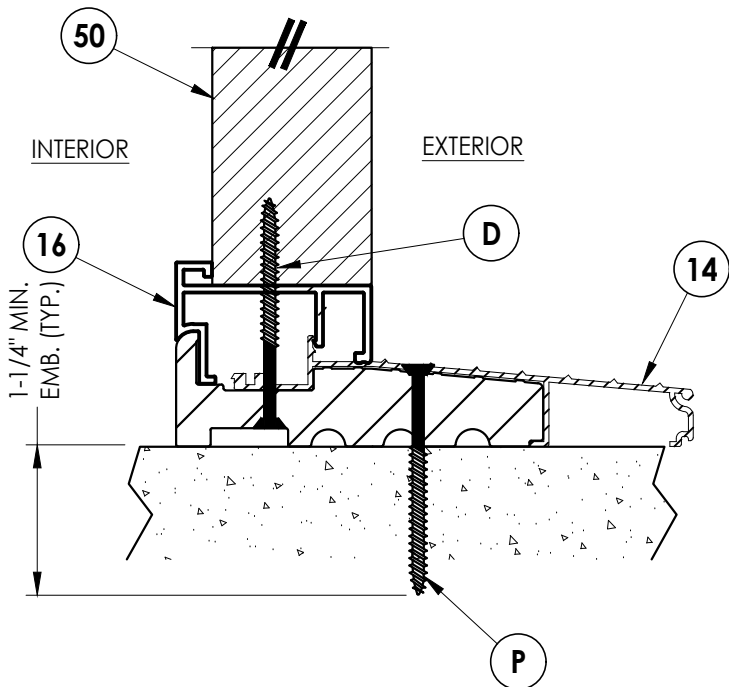
4 VERTICAL CROSS SECTION
8 Outswing Shown (Inswing Similar)
Shown Direct to Masonry

Documents Prepared By:		Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT:		TRINITY FIBERGLASS PATIO DOOR "Impact"		PART OR ASSEMBLY:	
				HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
				REVISIONS	
				DATE: 9/15/21	
				SCALE: N.T.S.	
				DWG. BY: RW	
				CHK. BY: LFS	
				DRAWING NO.: FL-37185.2	
				SHEET 8 OF 12	
				DATE: 7/31/23	
				UPDATE TO 8TH ED. (2023) FBC	
				NO. DATE	
				BY	
				LFS	

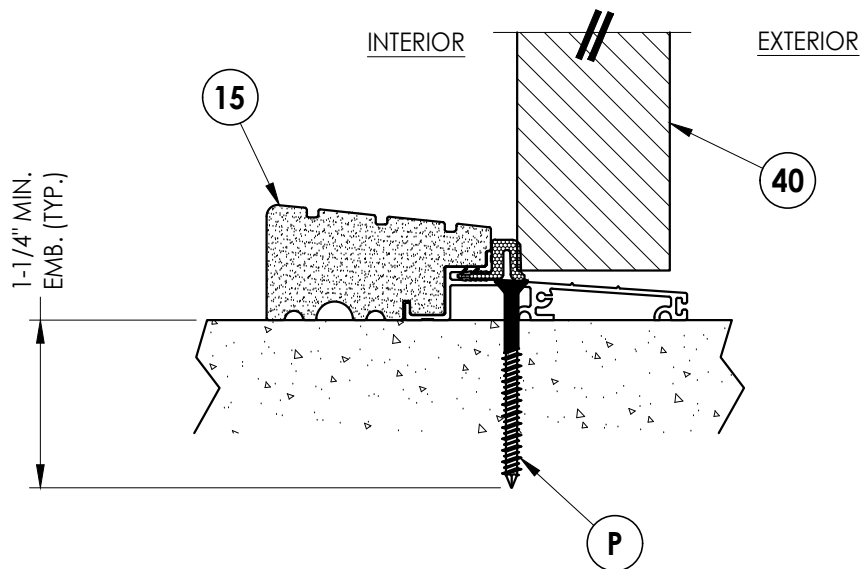
Notes:
1. Sidelite assembly screws located 10" from each end (2 screws total along head & sill).



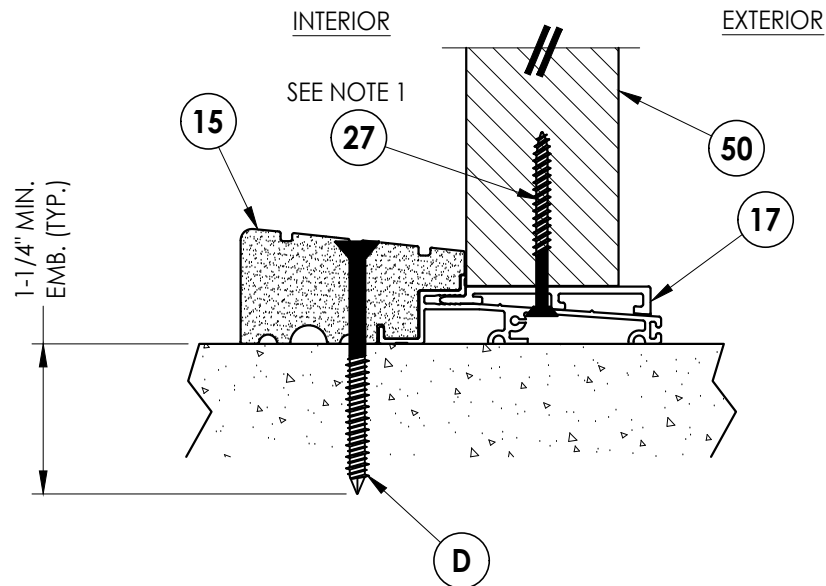
1 VERTICAL CROSS SECTION
9 Inswing Sill



3 VERTICAL CROSS SECTION
9 Inswing Sill

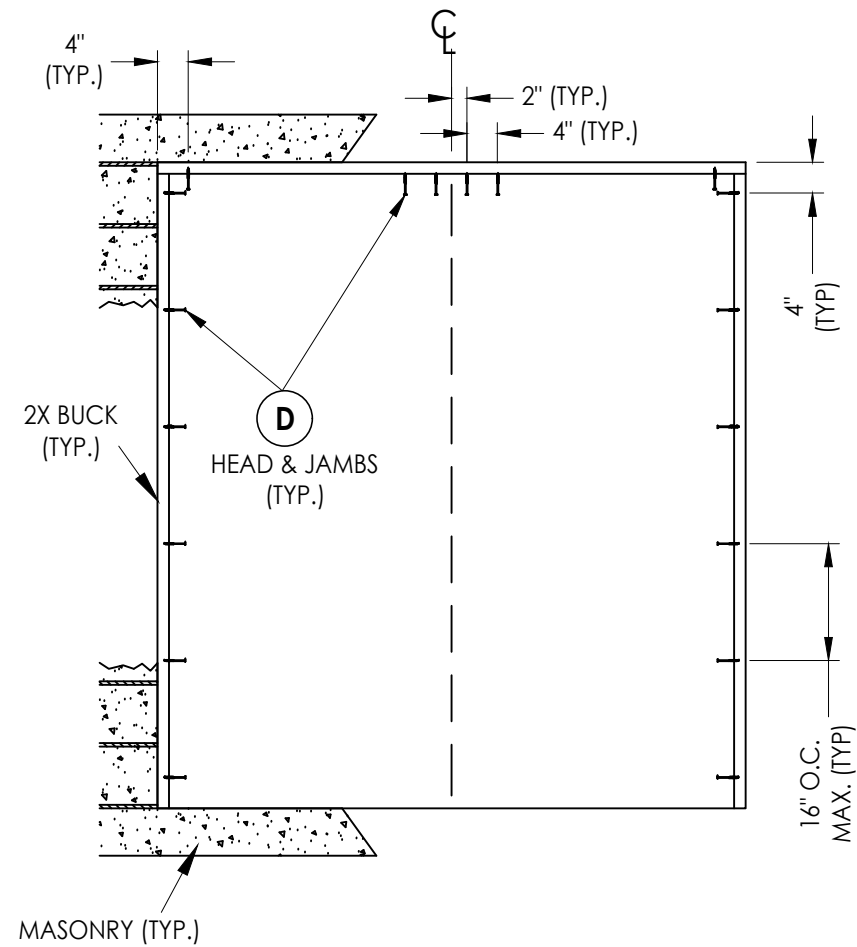


2 VERTICAL CROSS SECTION
9 Outswing Sill

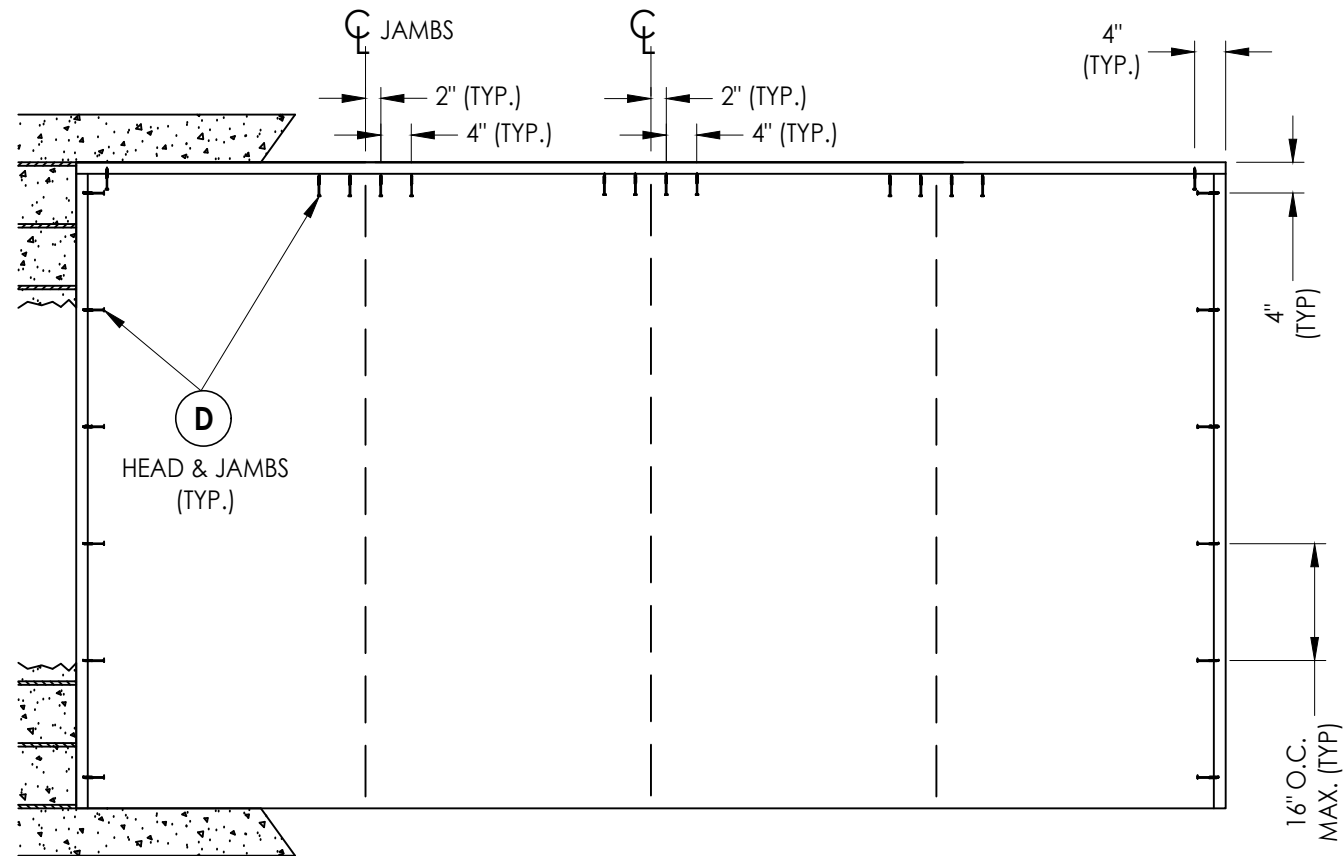


4 VERTICAL CROSS SECTION
9 Outswing Sill

PRODUCT: TRINITY FIBERGLASS PATIO DOOR "Impact"		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)	
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
			REVISIONS
			DATE: 9/15/21
			SCALE: N.T.S.
			DWG. BY: RW
			CHK. BY: LFS
			DRAWING NO.: FL-37185.2
			SHEET 9 OF 12



XX



OXXO (Shown)
XXO, OXX (Similar)

2X BUCK ANCHORING

1	7/31/23	UPDATE TO 8TH ED.	(2023)	FBC LFS
NO.	DATE			BY
				REVISIONS

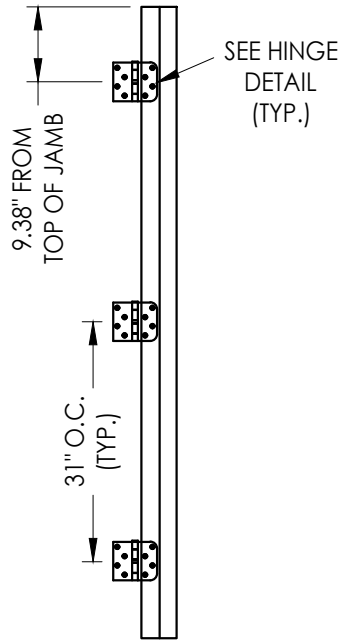
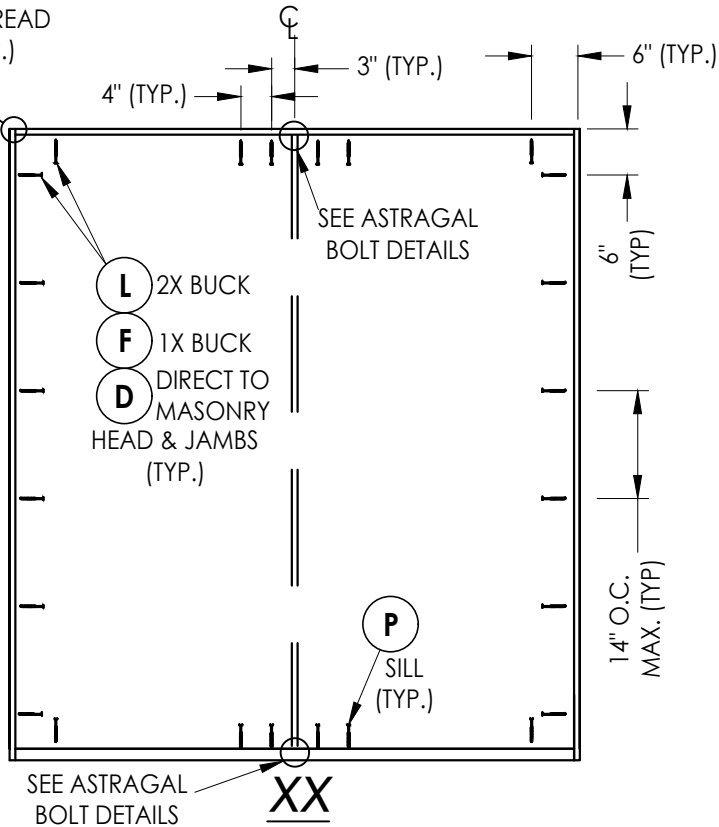
DATE:	9/15/21
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.: FL-37185.2	
SHEET	10 OF 12

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

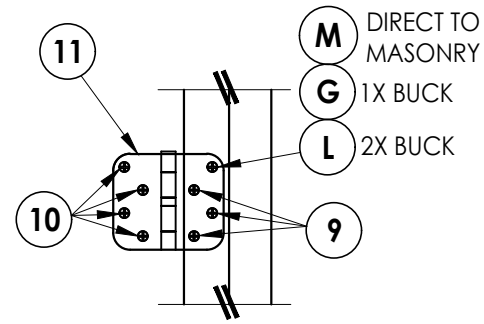
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Trinity Glass Int'l\FL-37185 R3\FL-37185.2.dwg

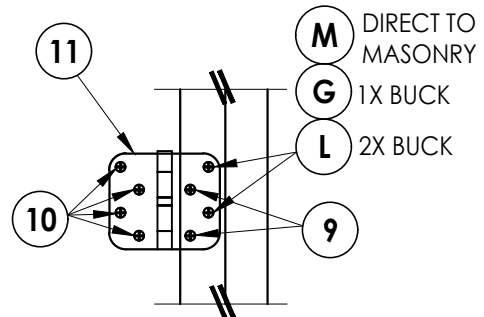
ATTACH FRAME CORNERS @ HEAD
w/ (3) #9 X 2" COURSE THREAD
DRYWALL SCREWS (TYP.)



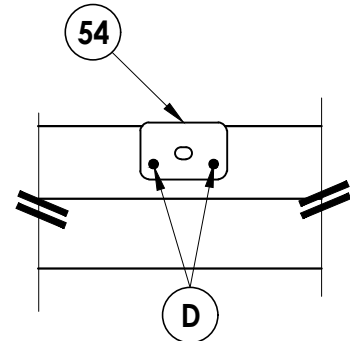
HINGE JAMB



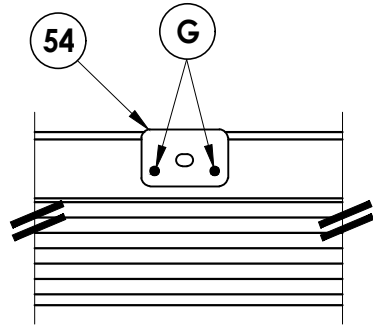
**HINGE DETAIL
INSWING**



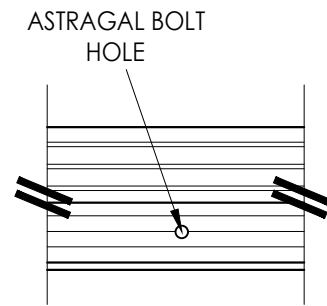
**HINGE DETAIL
OUTSWING**



**ASTRAGAL BOLT DETAIL
STRIKE PLATE @ HEAD**

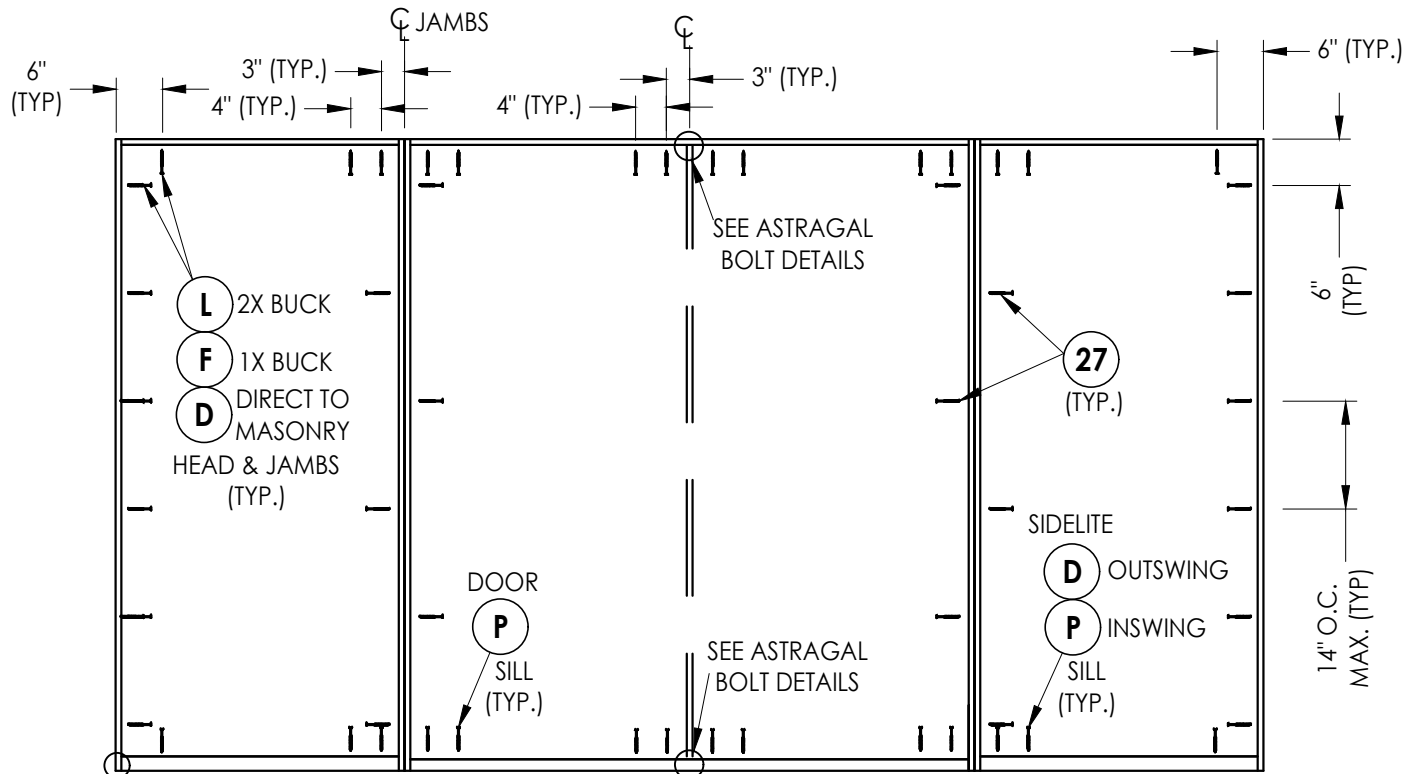


**ASTRAGAL BOLT DETAIL
INSWING THRESHOLD**



**ASTRAGAL BOLT DETAIL
OUTSWING THRESHOLD**

HARDWARE DETAILS

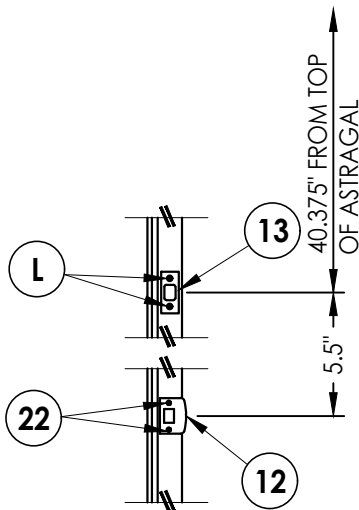


OXXO (Shown)

XXO, OXX (Similar - Use jamb anchoring from XX above)

ATTACH FRAME CORNERS @ SILL
w/ (2) #9 X 2" COURSE THREAD
DRYWALL SCREWS (TYP.)

FRAME ANCHORING



LATCH & DEADBOLT DETAILS

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 Registry No. 9813

PRODUCT: TRINITY
FIBERGLASS PATIO DOOR
"Impact"

PART OR ASSEMBLY:
FRAME ANCHORING
& HARDWARE DETAILS

REVISIONS	
NO.	DATE
1	7/31/23
UPDATE TO 8TH ED. (2023) FBC	
LFS	BY

DATE: 9/15/21

SCALE: N.T.S.

DWG. BY: RW

CHK. BY: LFS

DRAWING NO.: FL-37185.2

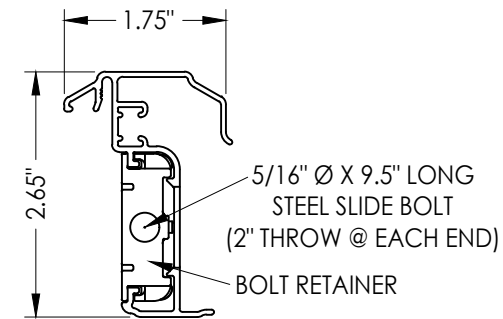
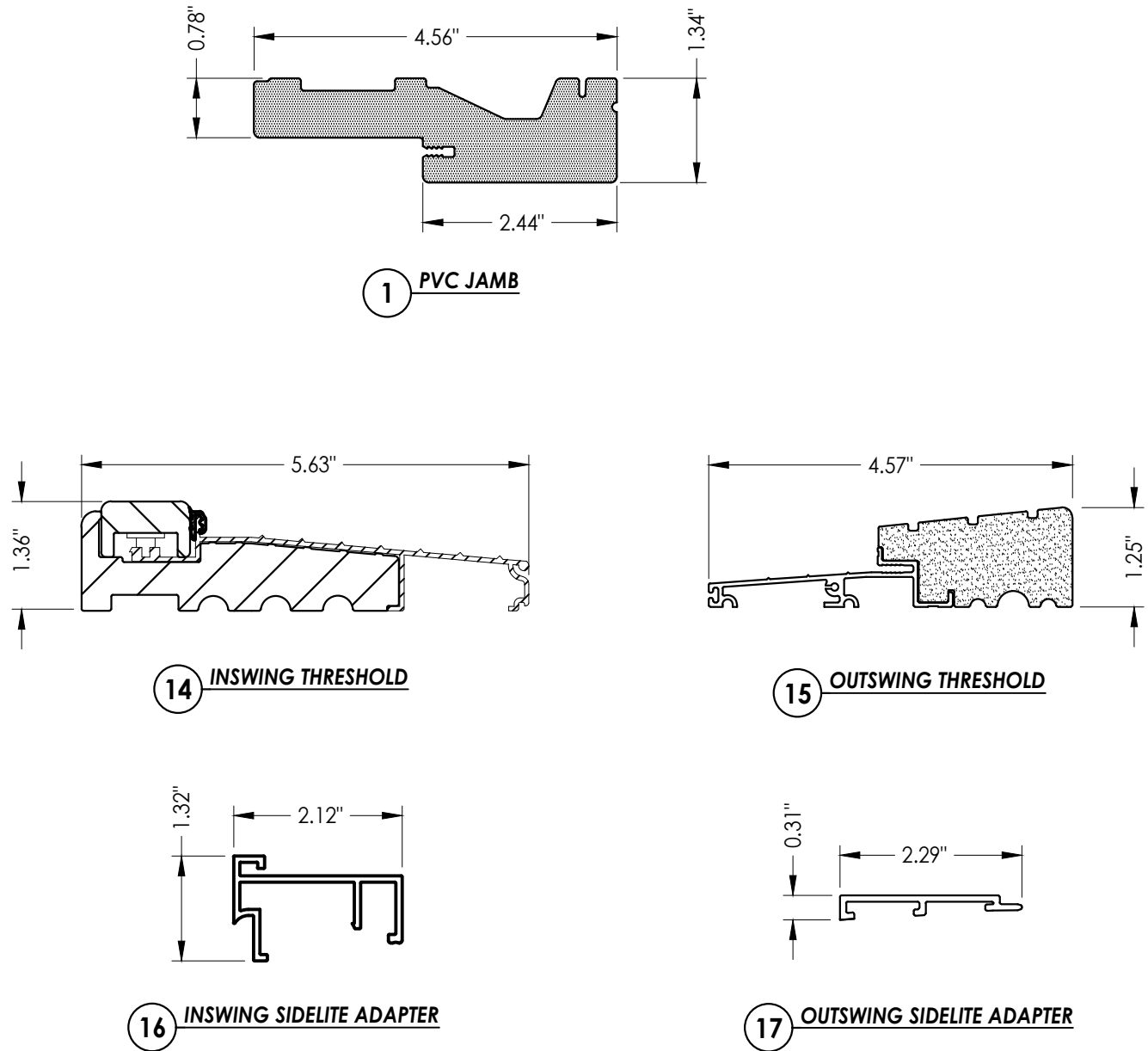
SHEET 11 OF 12

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT 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	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	PVC JAMB	COMP.
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
9	#9 X 3/4" PFH WOOD SCREW	STEEL
10	#9 X 1" PFH WOOD SCREW	STEEL
11	4" X 4" HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	INSWING THRESHOLD	ALUM/COMP
15	OUTSWING THRESHOLD	ALUM/COMP
16	INSWING SIDELITE ADAPTER	PVC
17	OUTSWING SIDELITE ADAPTER	PVC
22	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	#10 X 2" PFH SMS	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-
53	ALUMINUM ASTRAGAL	ALUM
54	ASTRAGAL STRIKE PLATE	STEEL
55	#8 X 1" PFH WS	STEEL

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. Concrete anchor table:

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

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



53 **ENDURA ASTRAGAL**
Ultimate Hurricane

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

R ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

[illegible]

FL-37185.2

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