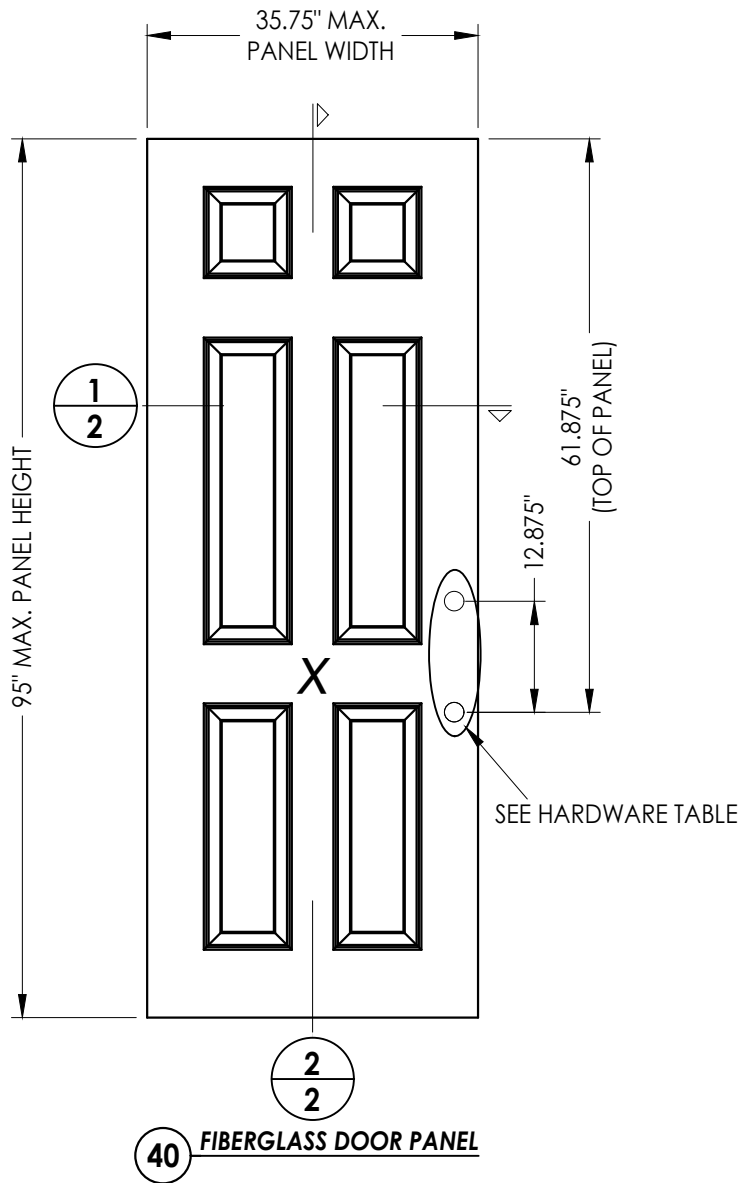
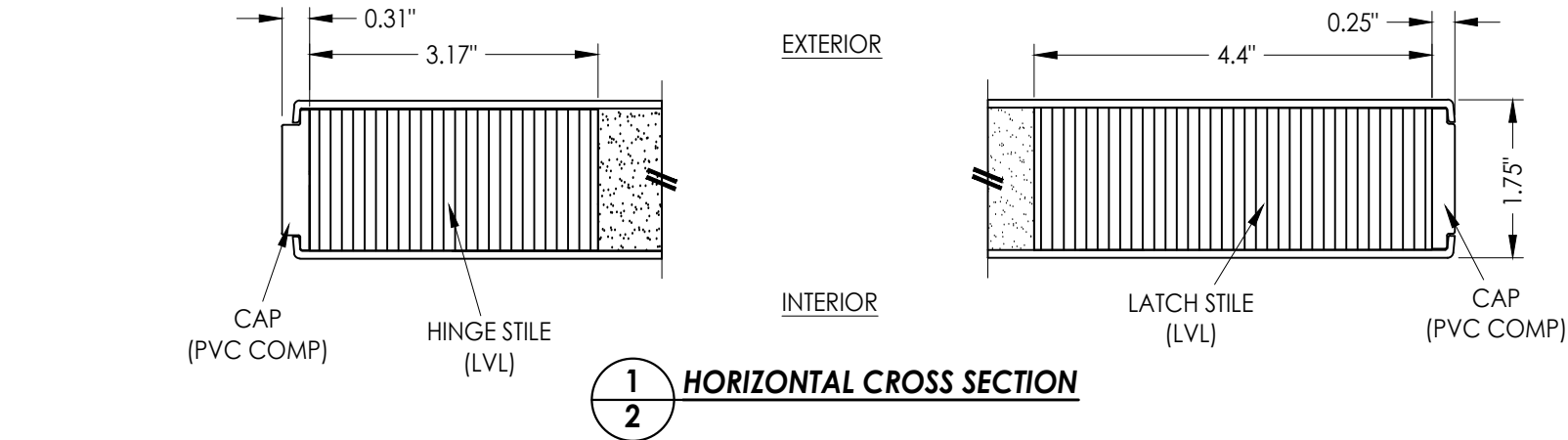
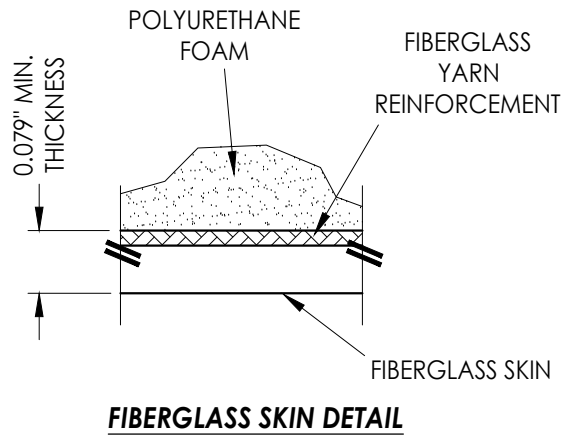


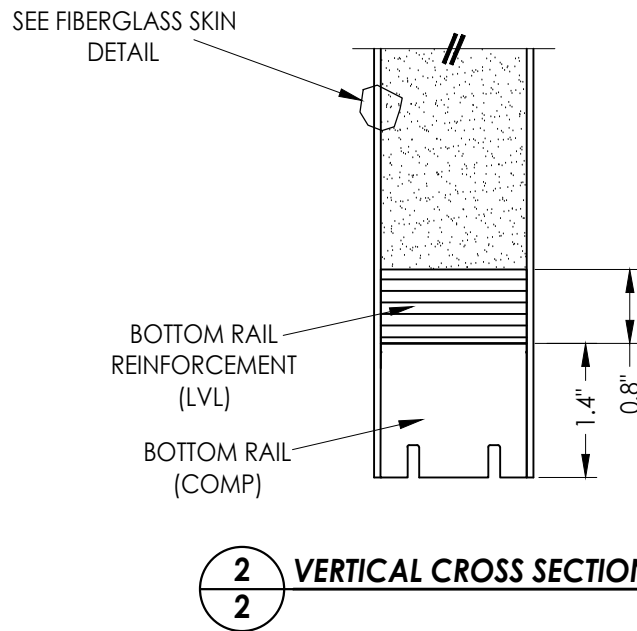
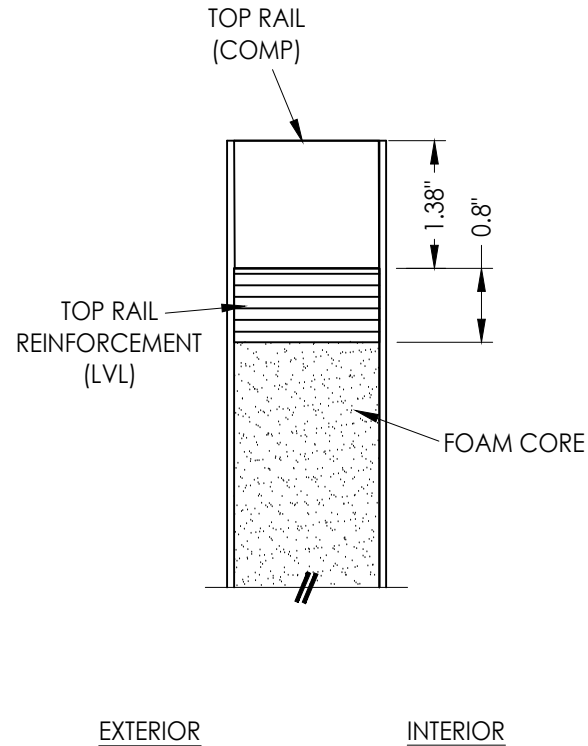
Z:\2023 FBC Drawings\Trinity Glass Int\VL-37184 R2\VL-37184.5.dwg



FIBERGLASS SKIN: 0.079" MIN. THK. ($F_y = 10,000$ PSI MIN.)
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.)

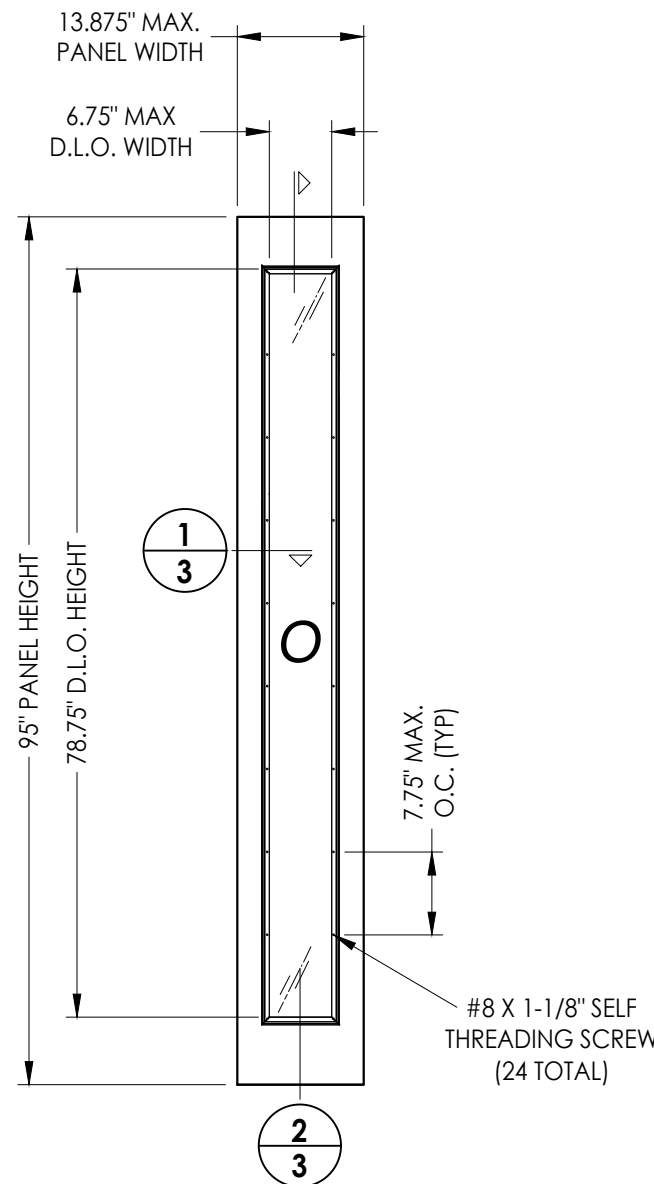
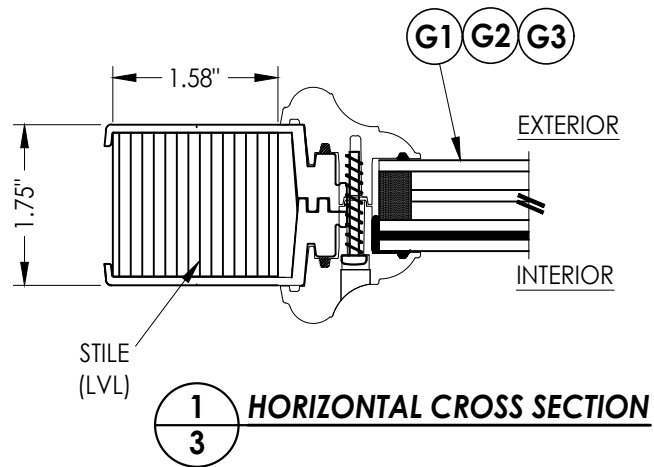


HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	KNOB:	F51
	DEADBOLT:	B60N



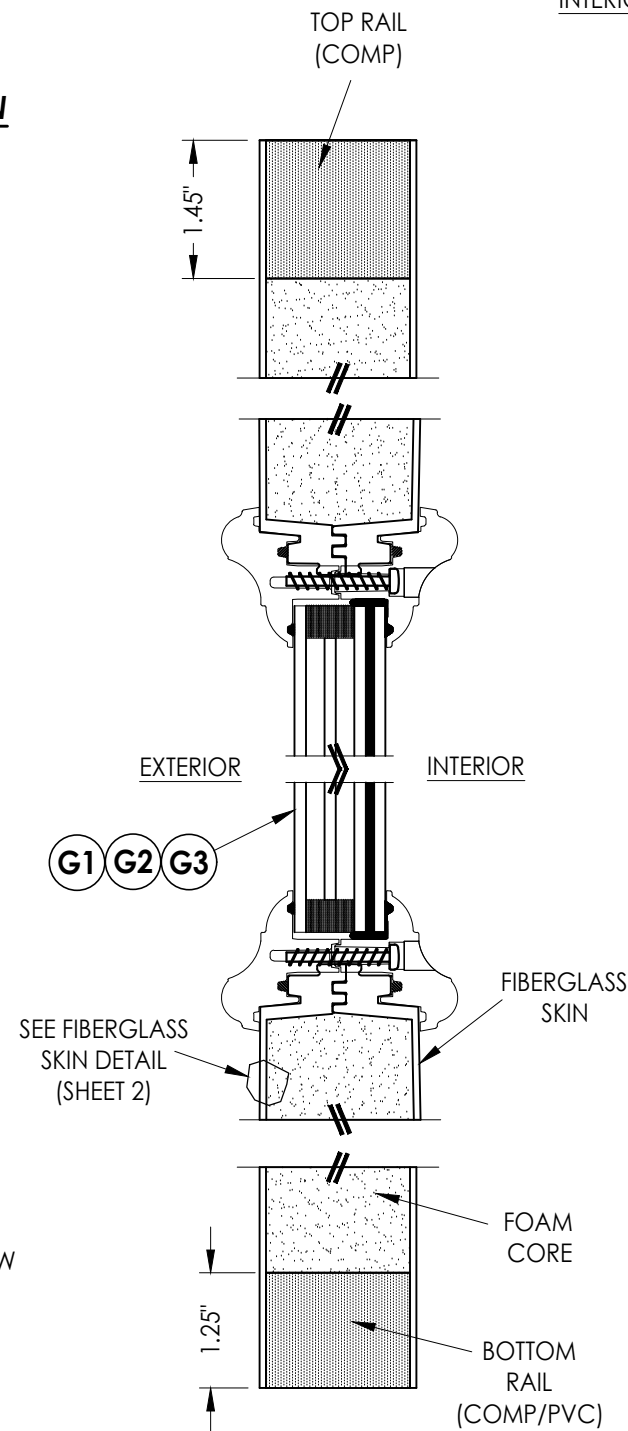
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409			RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813		
PRODUCT: TRINITY FIBERGLASS PATIO DOOR "Impact"			PART OR ASSEMBLY: DOOR PANEL DETAILS		
				LFS	BY
			</		

Z:\2023 FBC Drawings\Trinity Glass Int\VL-37184 R2\VL-37184.5.dwg

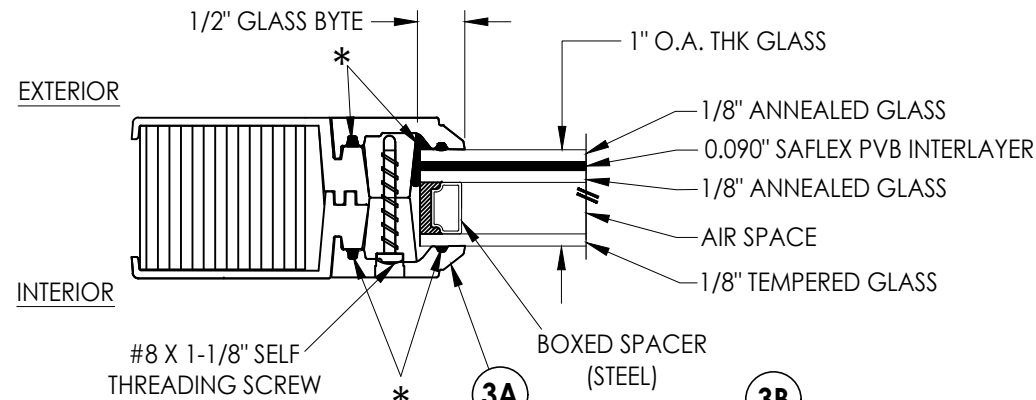


50 FIBERGLASS SIDELITE PANEL

FIBERGLASS SKIN: 0.079" MIN. THK. (F_y = 10,000 PSI MIN.)
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.)

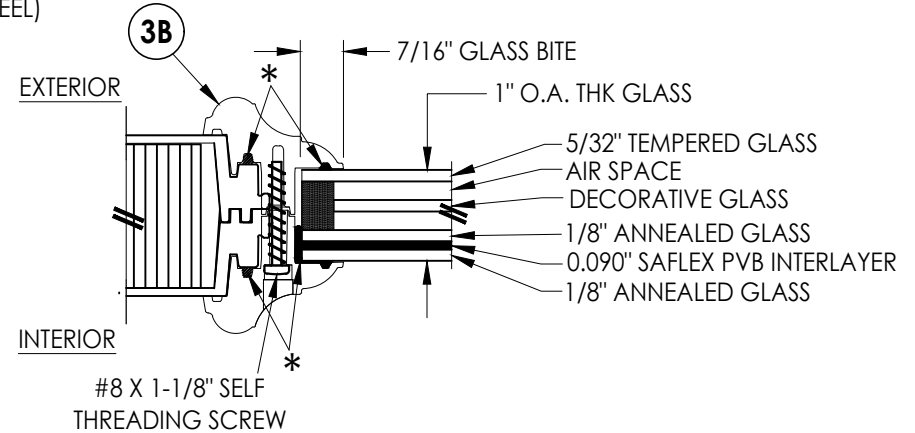


2 VERTICAL CROSS SECTION

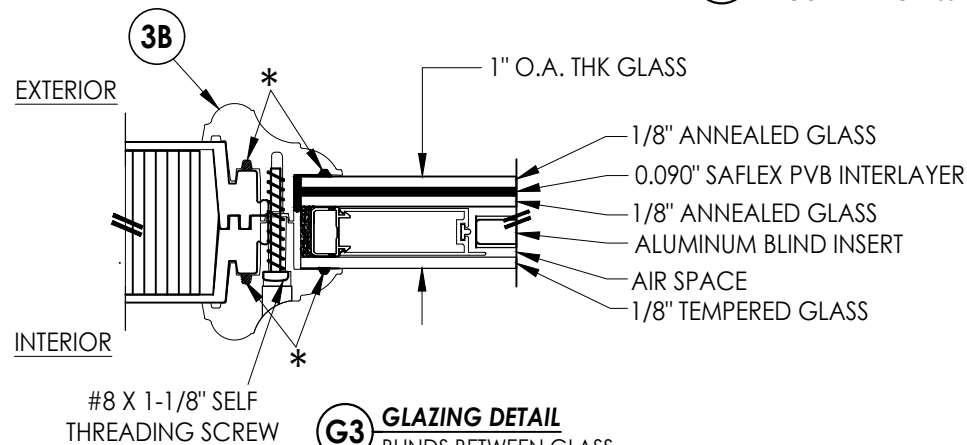


G1 GLAZING DETAIL

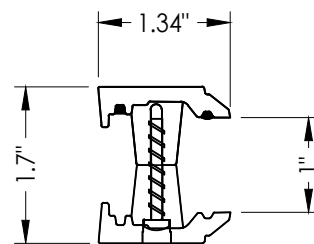
*DOW 995 STRUCTURAL SEALANT



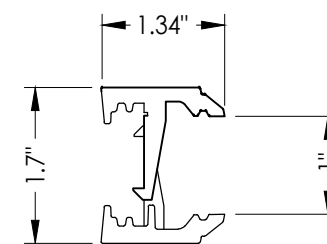
G2 GLAZING DETAIL
DECORATIVE GLASS



G3 GLAZING DETAIL
BLINDS BETWEEN GLASS

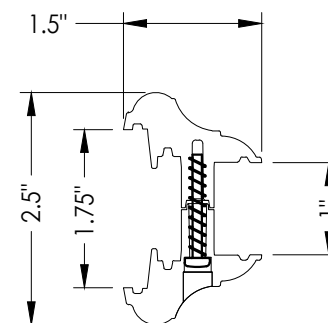


SECTION @ SCREW



SECTION @ HOOK TAB

3A FLUSH GLAZING FRAME
ABS



3B MAHOGANY LITE FRAME
ABS or PC/ASA

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

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Phone No.: 813.659.9197
FBPE Registry No. 9813

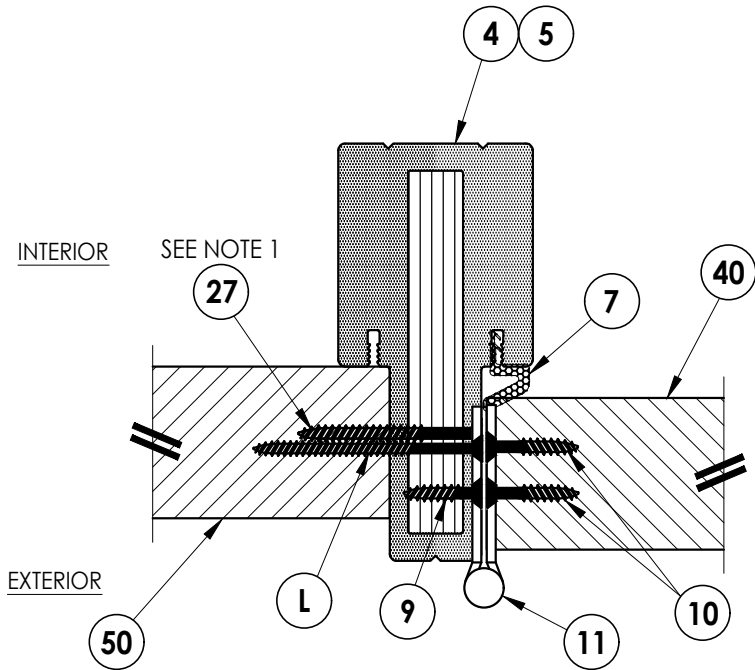
PRODUCT: TRINITY
FIBERGLASS PATIO DOOR
"Impact"
PART OR ASSEMBLY:
SIDELITE
PANEL DETAILS

NO.	DATE	REVISIONS
1	8/01/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

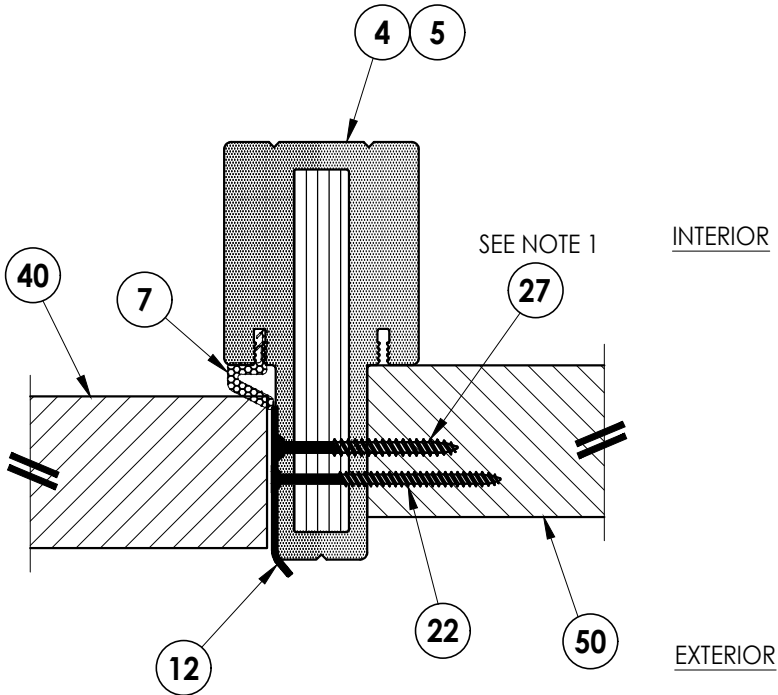
DATE: 6/13/23
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-37184.5
SHEET 3 OF 12

DATE: 6/13/23		PRODUCT: TRINITY		Documents Prepared By:	
SCALE: N.T.S.		FIBERGLASS PATIO DOOR		Lyndon F. Schmidt	
DWG. BY: RW		"Impact"		P.E. No. 43409	
CHK. BY: LFS		PART OR ASSEMBLY:		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DRAWING NO.: FL-37184.5		ELEVATIONS			
SHEET 4 OF 12		REVISIONS			
NO.		DATE			
1		8/01/23		UPDATE TO 8TH ED. (2023)	
				FBC	
				LFS	
				BY	

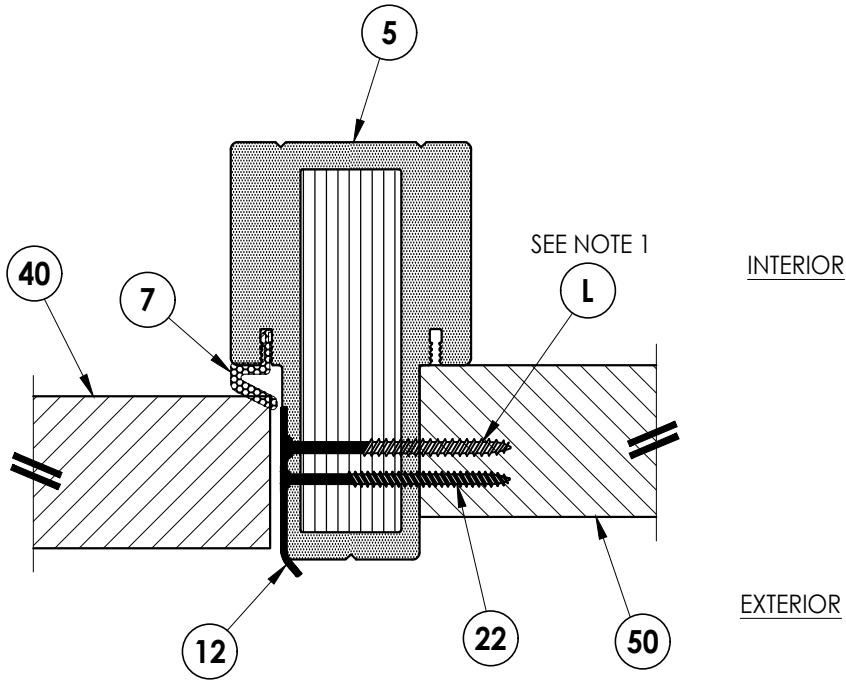
Z:\2023 FBC Drawings\Trinity Glass Int\FL-37184 R2\F-37184.5.dwg



1
5 **HORIZONTAL CROSS SECTION**
SHOWN w/ STD MULLION



2
5 **HORIZONTAL CROSS SECTION**
SHOWN w/ STD MULLION

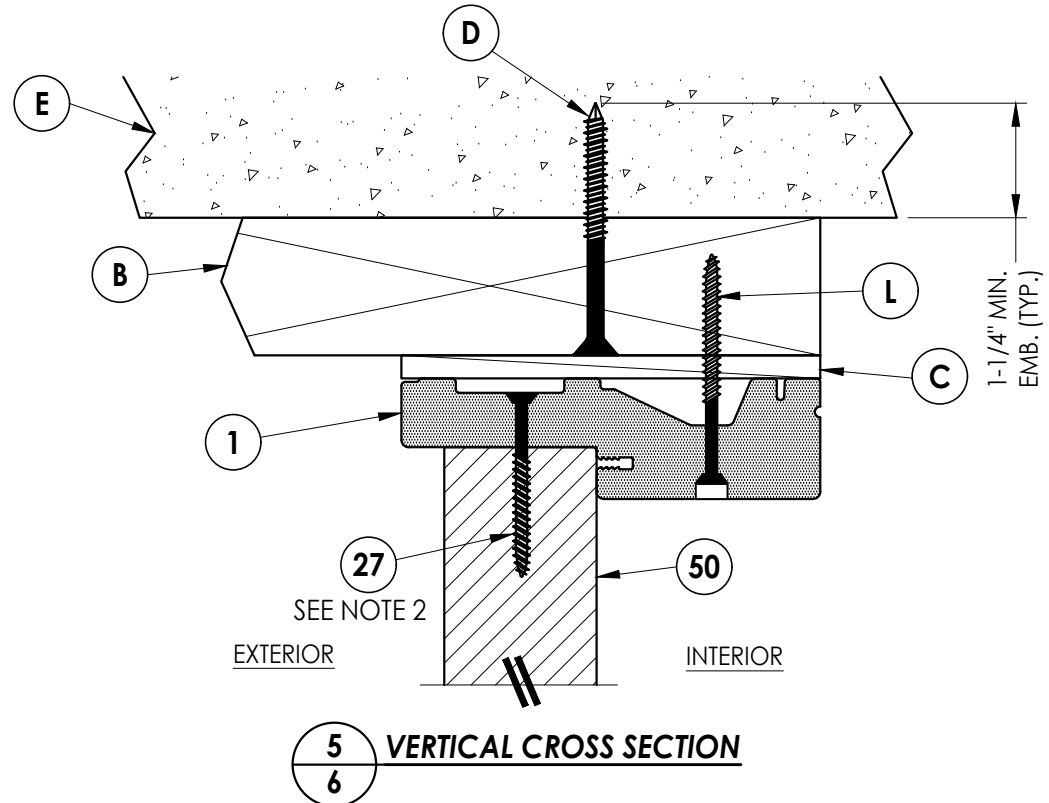
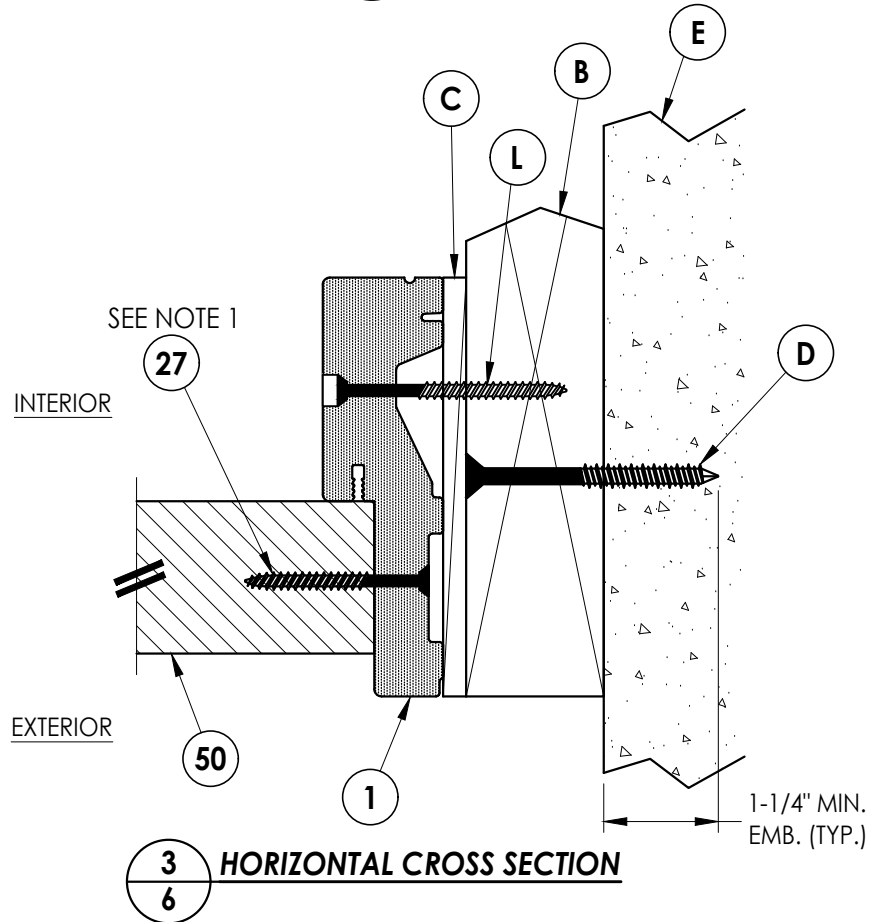
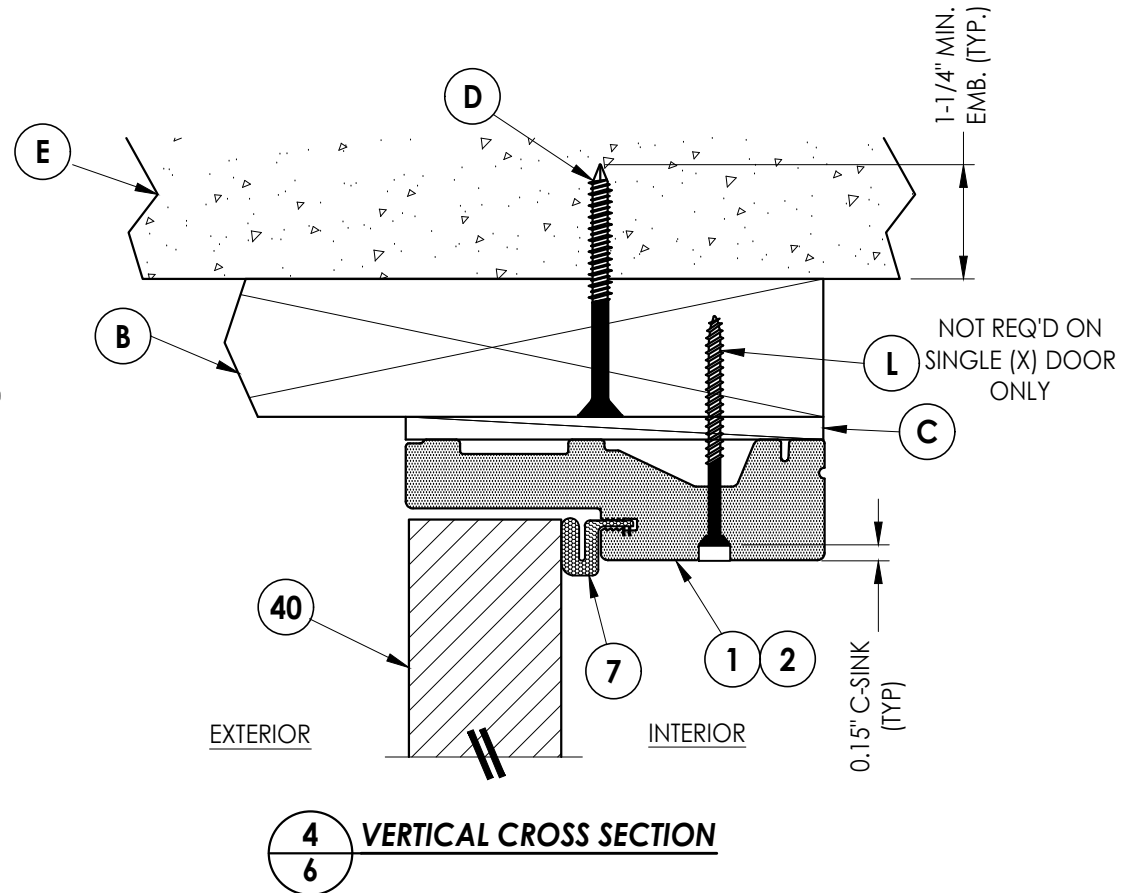
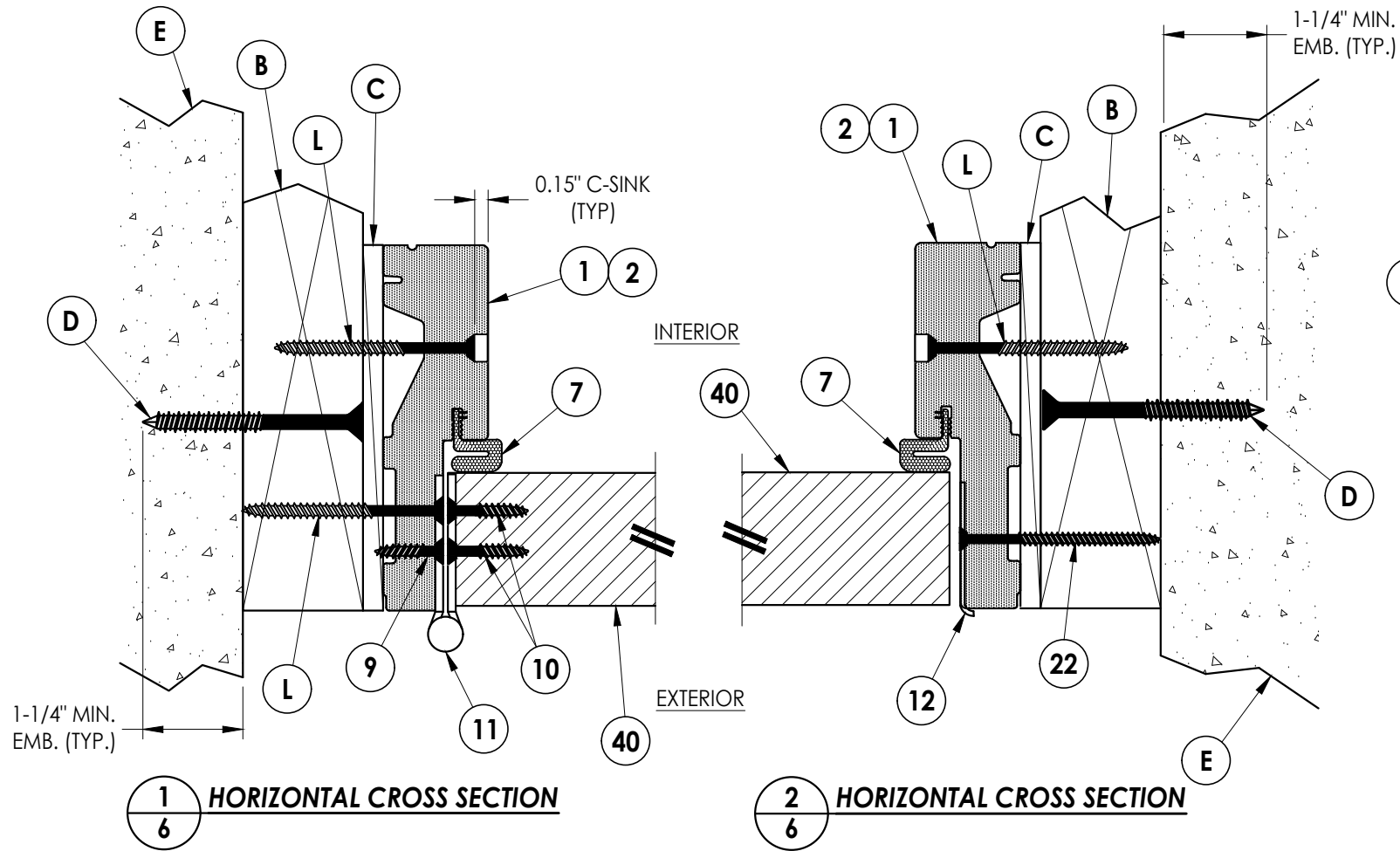


3
5 **HORIZONTAL CROSS SECTION**
SHOWN w/ FAT BOY MULLION

Notes:
1. Sidelite assembly screws located 6" from each end and 5 more screws equally spaced between (7 screws total per side jamb).

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\VL-37184 R2\VL-37184.5.dwg



Notes:

1. Sidelite assembly screws located 6" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located @ centerline (1 screw total along head).

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

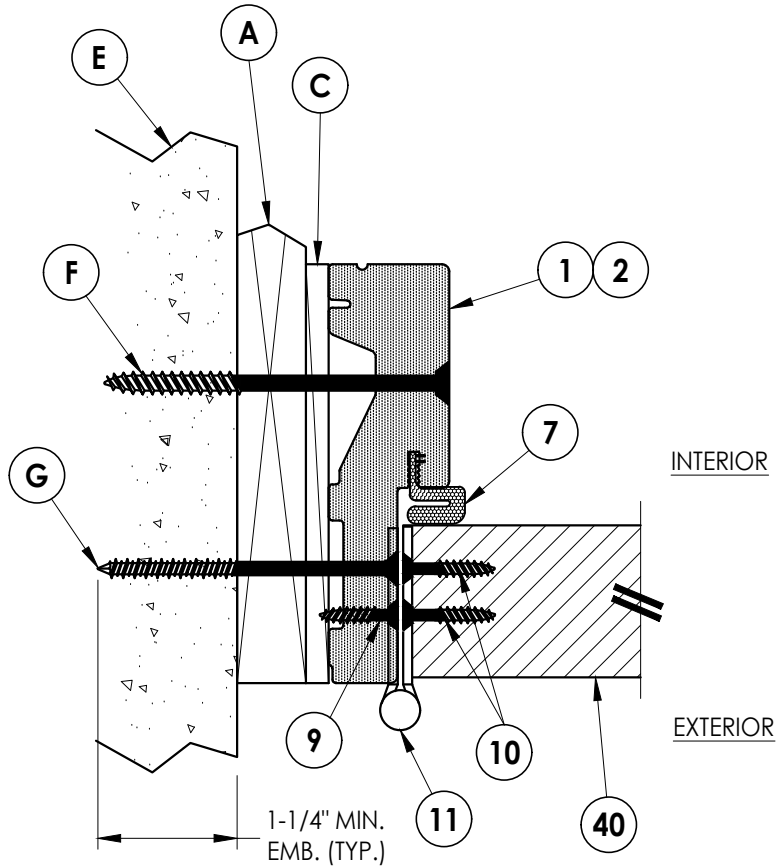
PRODUCT: TRINITY
FIBERGLASS PATIO DOOR
"Impact"

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

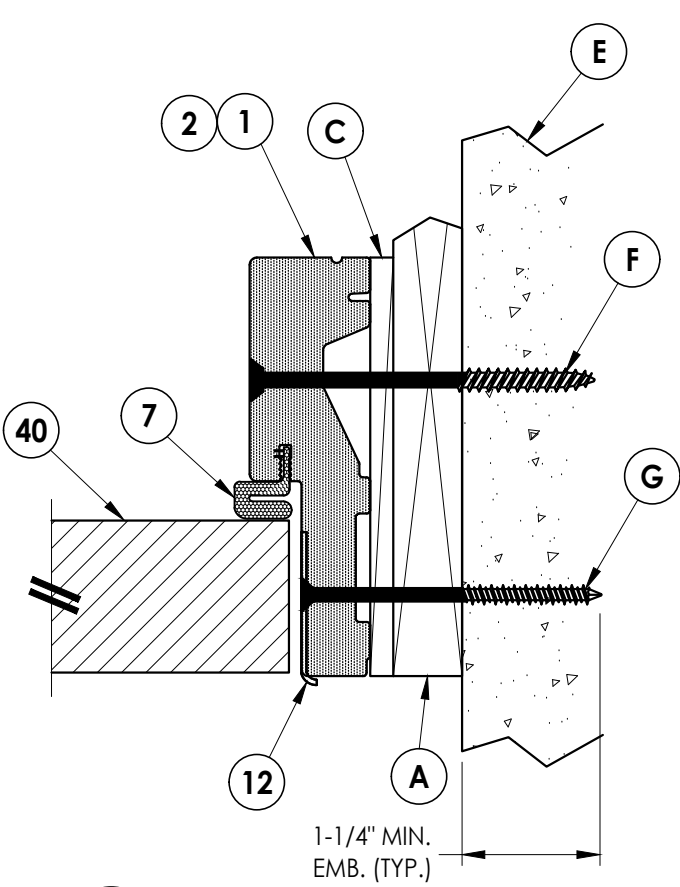
NO.	DATE	REVISIONS
1	8/01/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

DATE: 6/13/23
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-37184.5
SHEET 6 OF 12

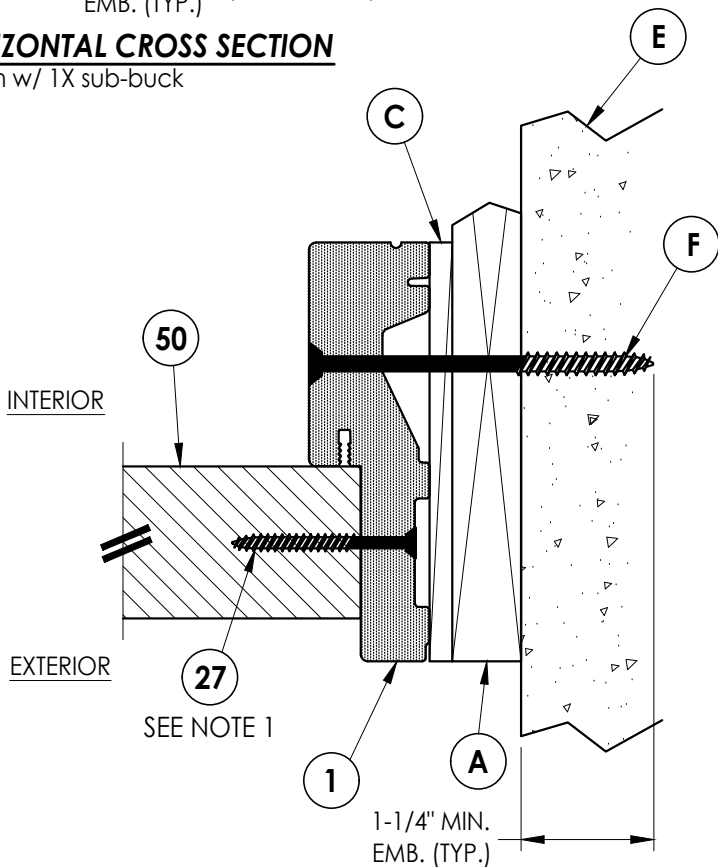
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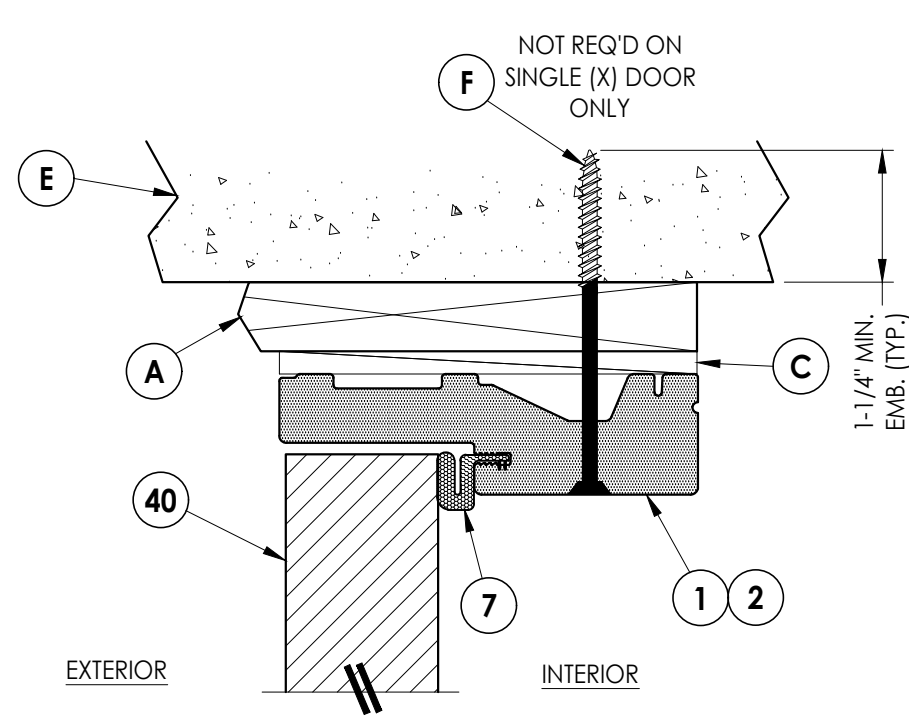
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7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck



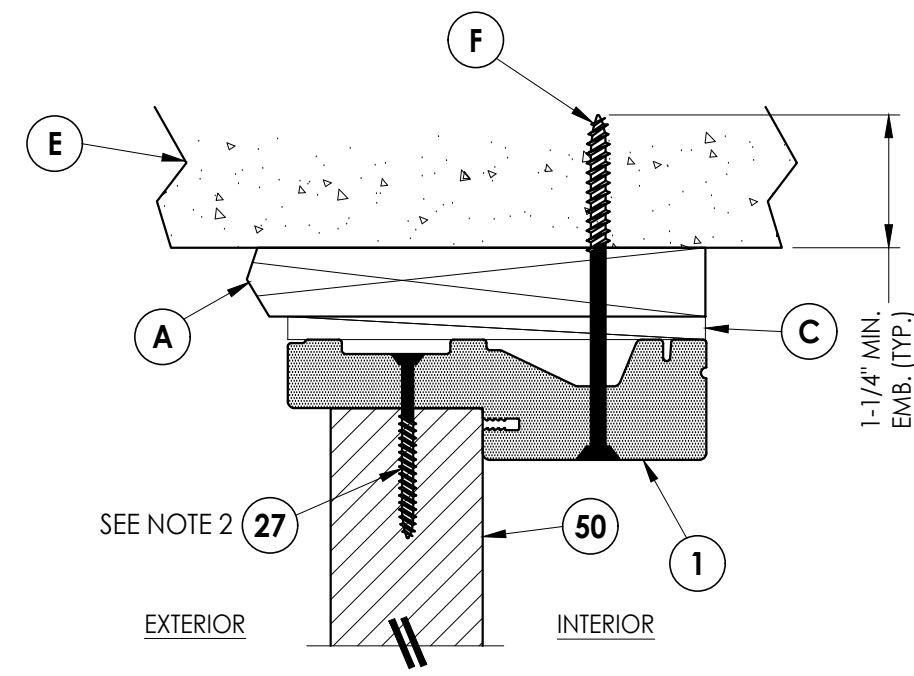
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7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck



3
7 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck



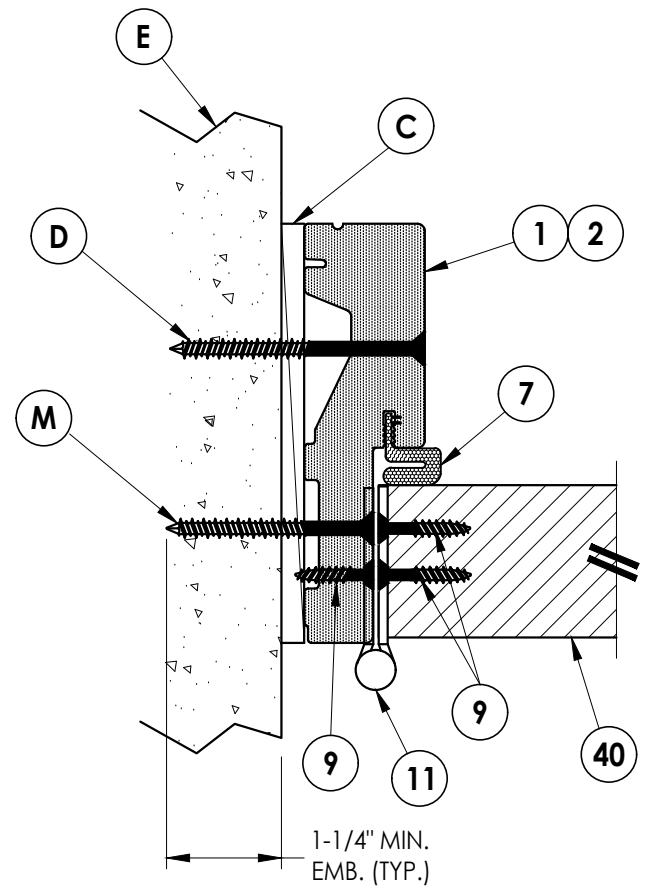
4
7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck



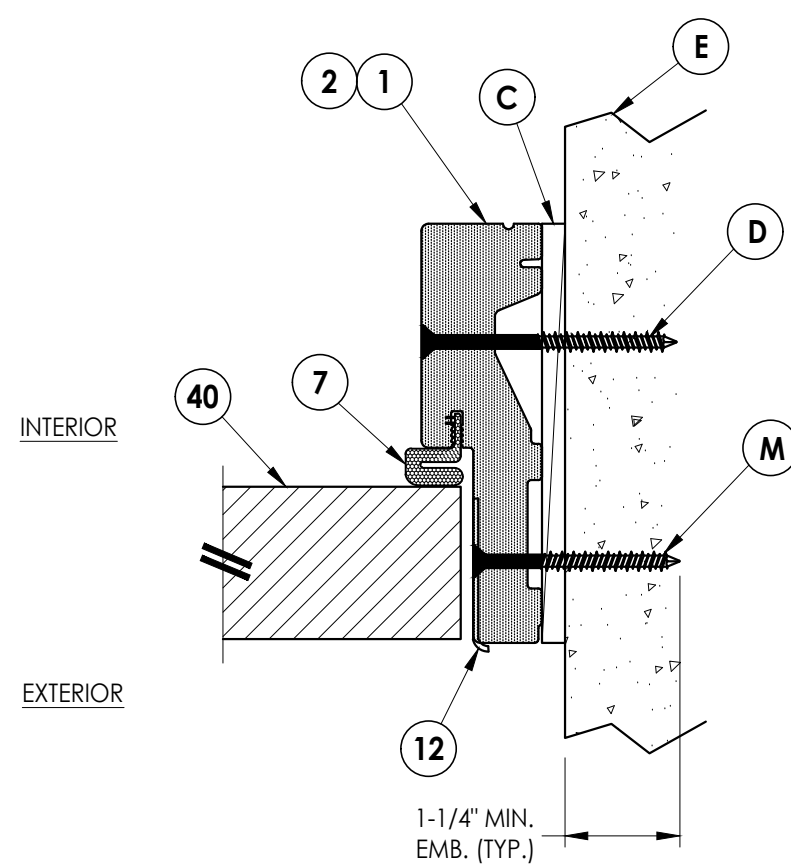
5
7 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck

- Notes:
1. Sidelite assembly screws located 6" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
 2. Sidelite assembly screws located @ centerline (1 screw total along head).

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 (1X BUCK)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

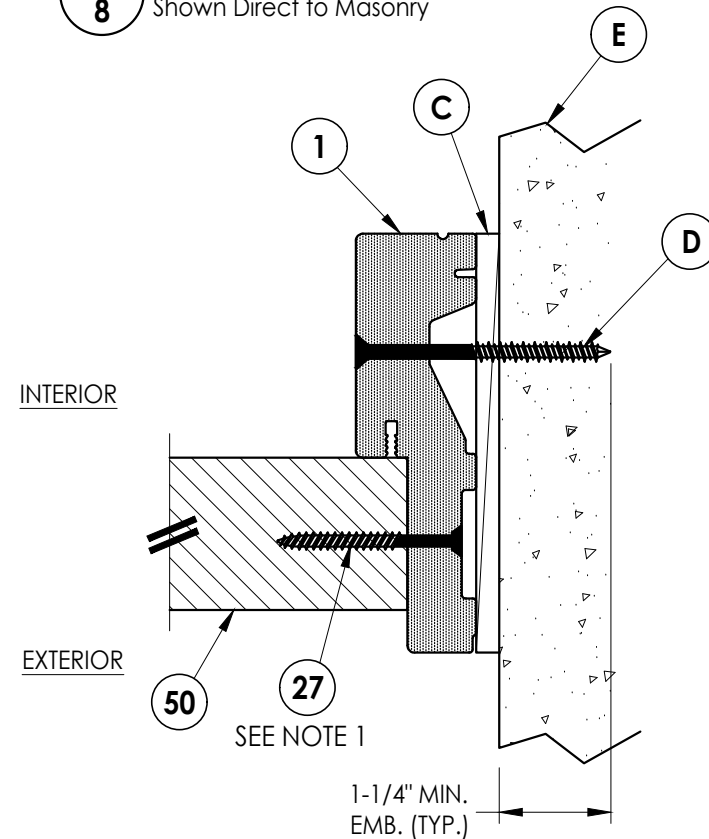


1 **HORIZONTAL CROSS SECTION**
8 Shown Direct to Masonry

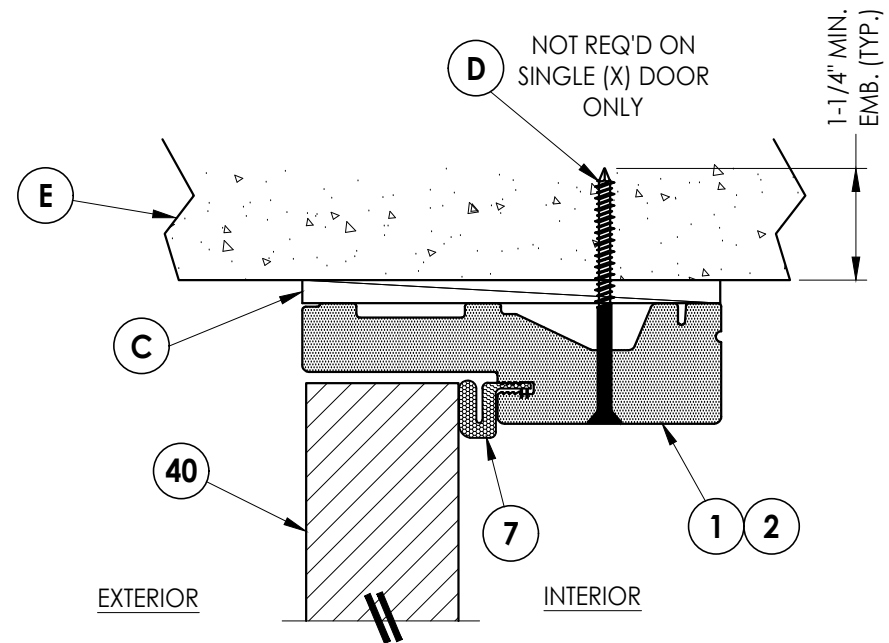


2 HORIZONTAL CROSS SECTION

8 Shown Direct to Masonry

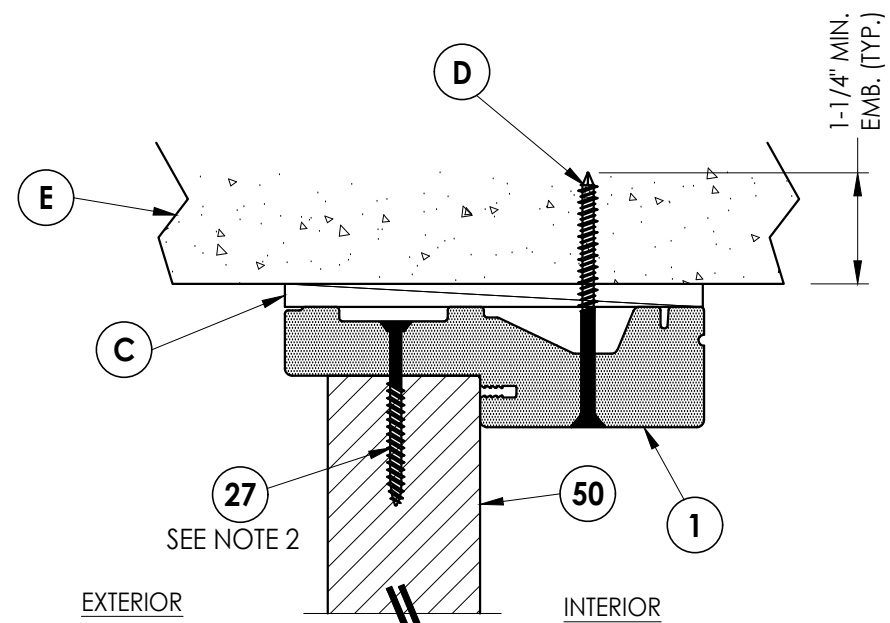


3 **HORIZONTAL CROSS SECTION**
8 Shown Direct to Masonry



4 VERTICAL CROSS SECTION

8 Shown Direct to Masonry



5 VERTICAL CROSS SECTION

8 Shown Direct to Masonry

Notes:

1. Sidelite assembly screws located 6" from each end and 5 more screws equally spaced between (7 screws total per side jamb).
2. Sidelite assembly screws located @ centerline (1 screw total along head).

[illegible]

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

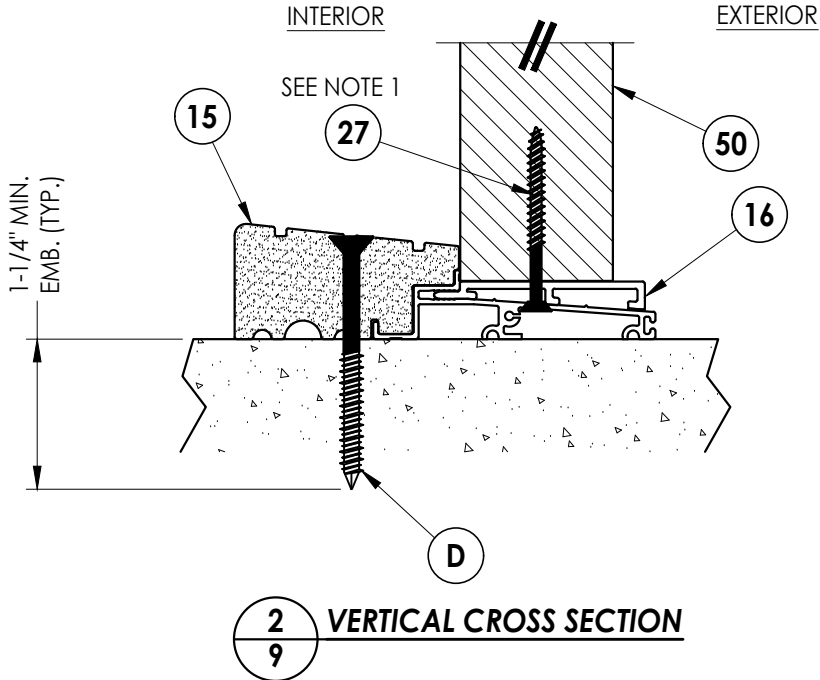
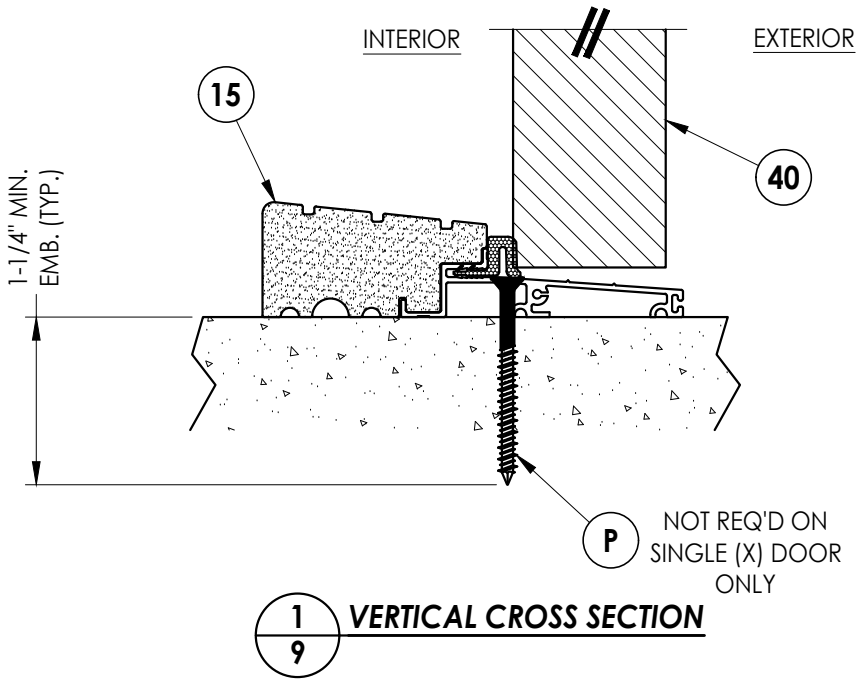
PRODUCT: TRINITY
FIBERGLASS PATIO DOOR
"Impact"

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

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Z:\2023 FBC Drawings\Trinity Glass Int\FL-37184 R2\FL-37184.5.dwg

Notes:
1. Sidelite assembly screws located @ centerline
(1 screw total along sill).



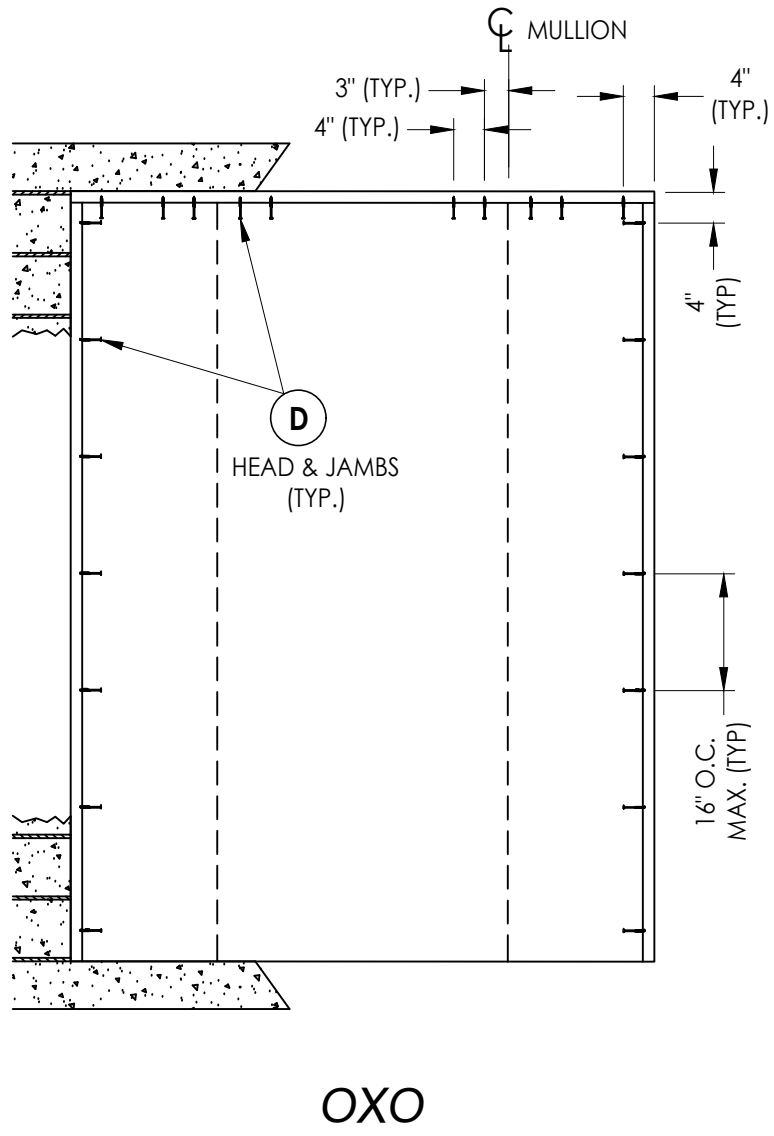
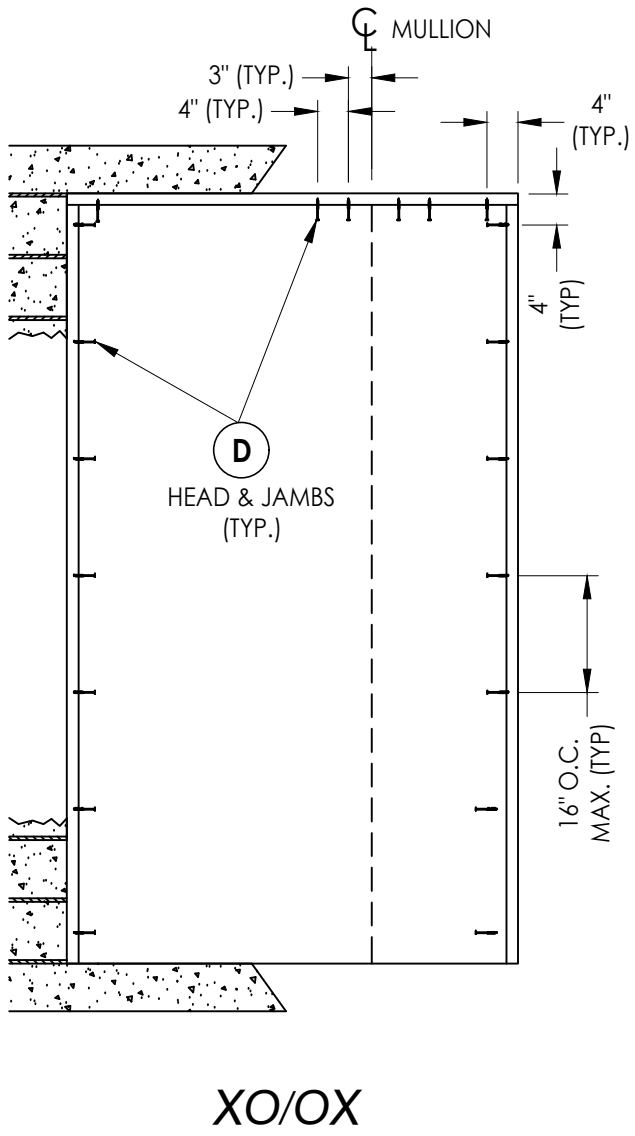
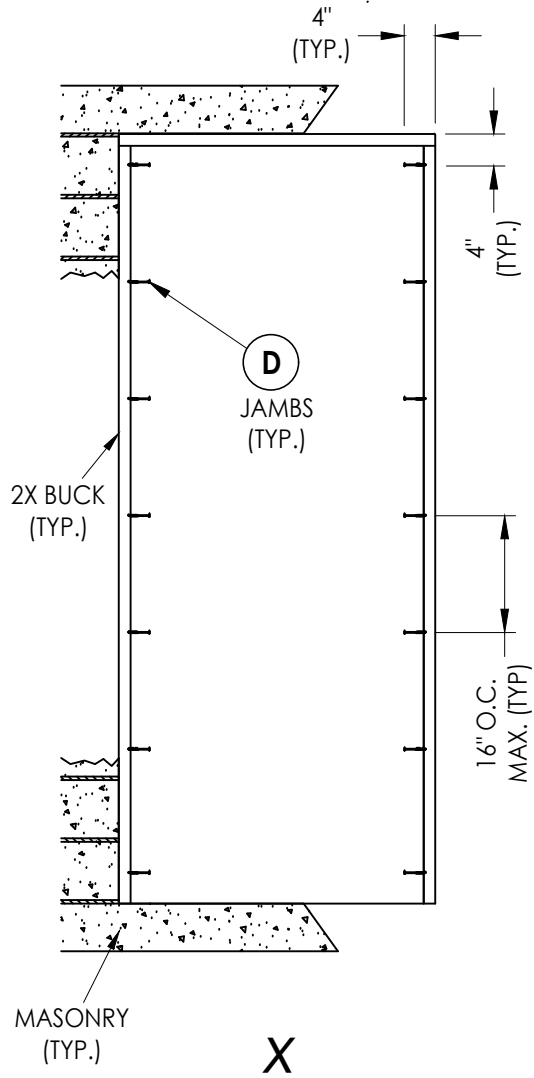
DATE: 6/13/23
SCALE: N.T.S.
DWG. BY: RW
CHK. BY: LFS
DRAWING NO.: FL-37184.5
SHEET 9 OF 12

NO.	DATE	REVISIONS
1	8/01/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

PRODUCT:	TRINITY FIBERGLASS PATIO DOOR "Impact"
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS (THRESHOLDS)

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



2X BUCK ANCHORING

1	8/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
NO.	DATE	REVISIONS			
				BY	

DATE: 6/13/23

SCALE: *N.T.S.*

DWG. BY: *RW*

CHK. BY: LFS

DRAWING NO.:

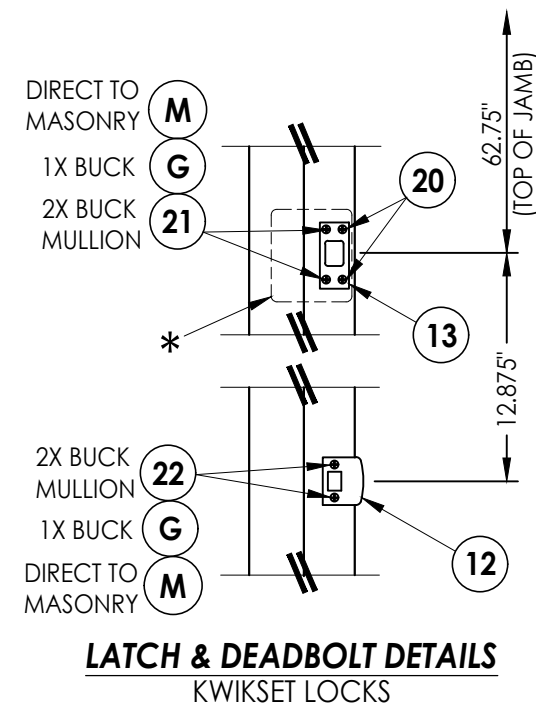
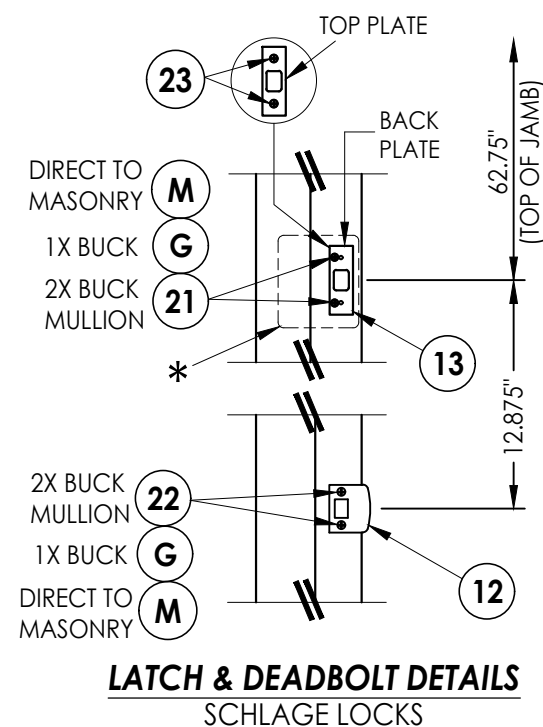
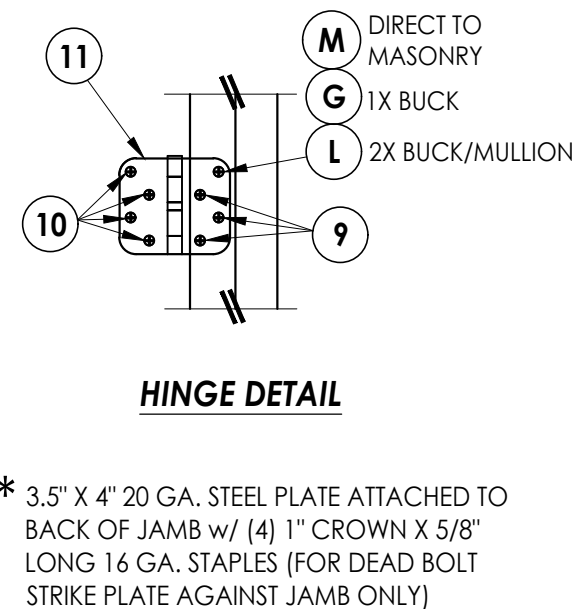
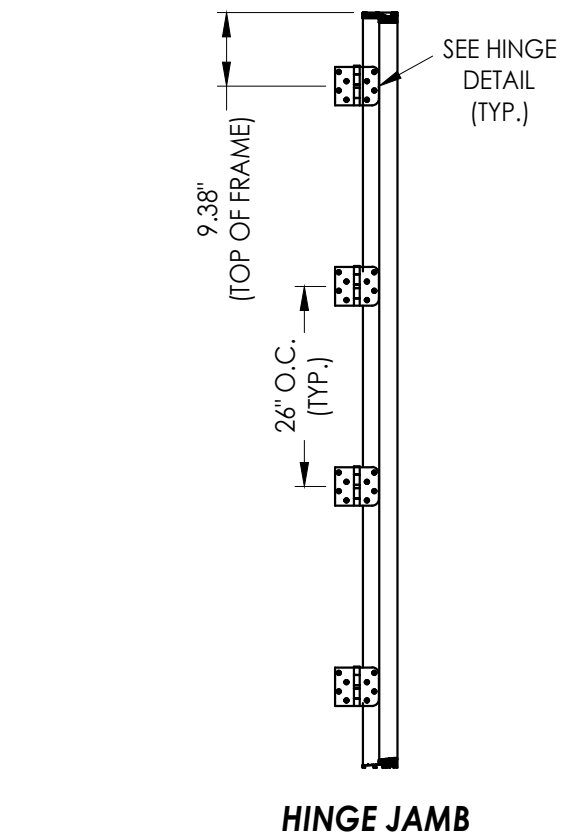
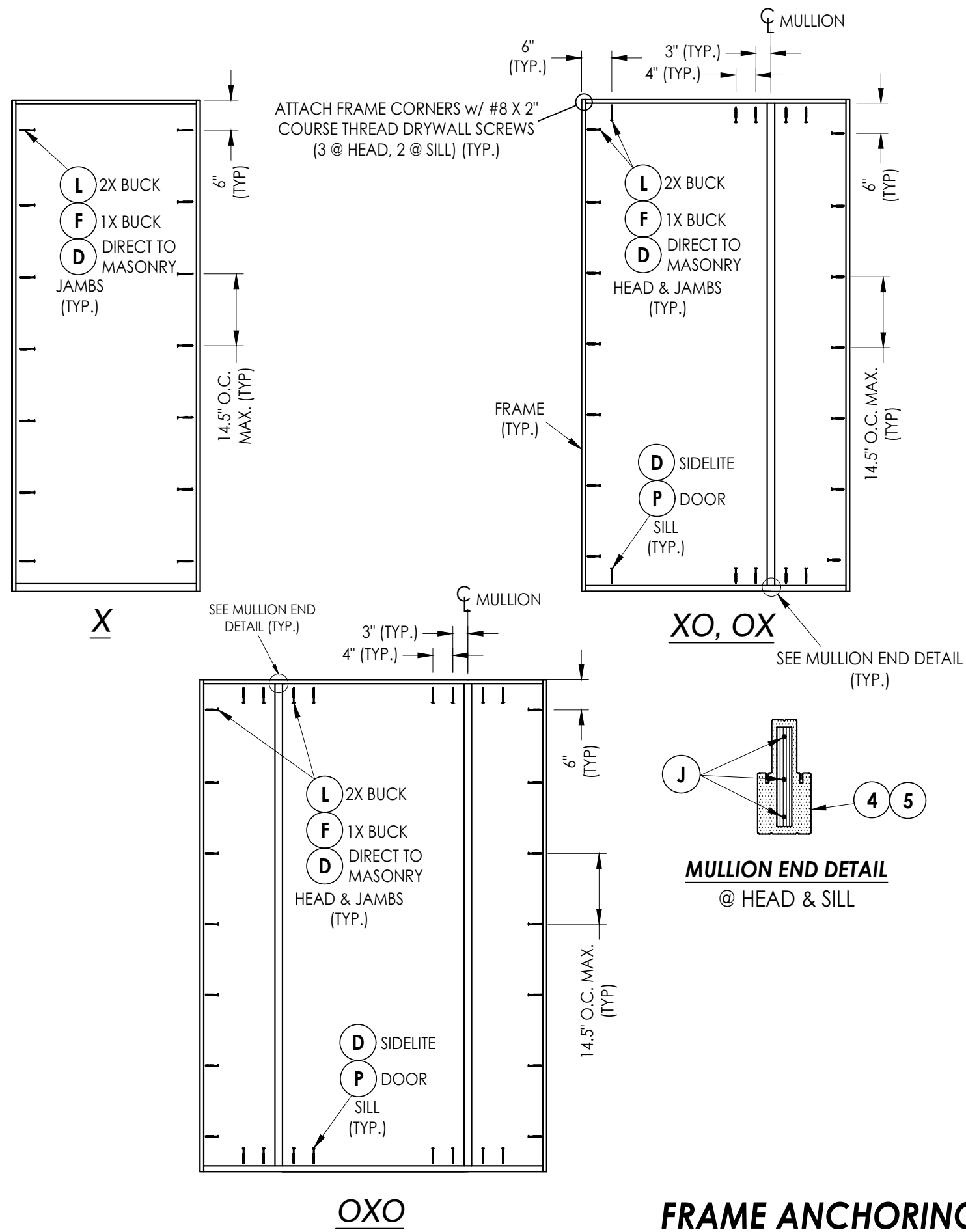
FL-37184.5

SHEET 10 OF 12

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

RV

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



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
J	#10 X 3" PFH WOOD 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
2	WOOD JAMB	WOOD
4	2.125" MULLION (STANDARD)	PVC/LVL
5	2.625" MULLION (FAT BOY)	PVC/LVL
7	WEATHERSTRIP	FOAM
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
15	OUTSWING THRESHOLD	ALUM/COMP
16	OUTSWING SIDELITE ADAPTER	PVC
20	#9 X 1/2" PFH WOOD SCREW	STEEL
21	#12 X 2-1/2" PFH WOOD SCREW	STEEL
22	#8 X 2-1/2" PFH WOOD SCREW	STEEL
23	10-32 X 3/8" FH MACHINE SCREW	STEEL
27	#10 X 2" PFH SMS	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-

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"

Technical drawing of a stepped shaft. The drawing shows a shaft with a step. The dimensions are: 0.75" (height of the left section), 4.56" (total length), 1.25" (height of the right section), and 2.45" (length of the right section).

Technical drawing of a rectangular plate. The height is labeled as 0.31" and the length is labeled as 2.29".

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