

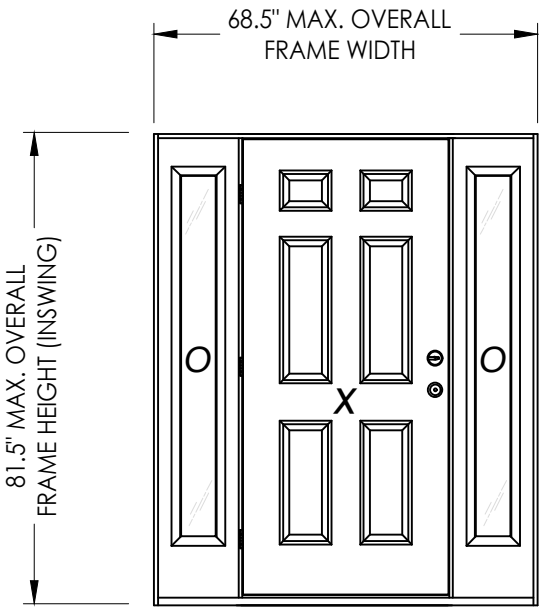
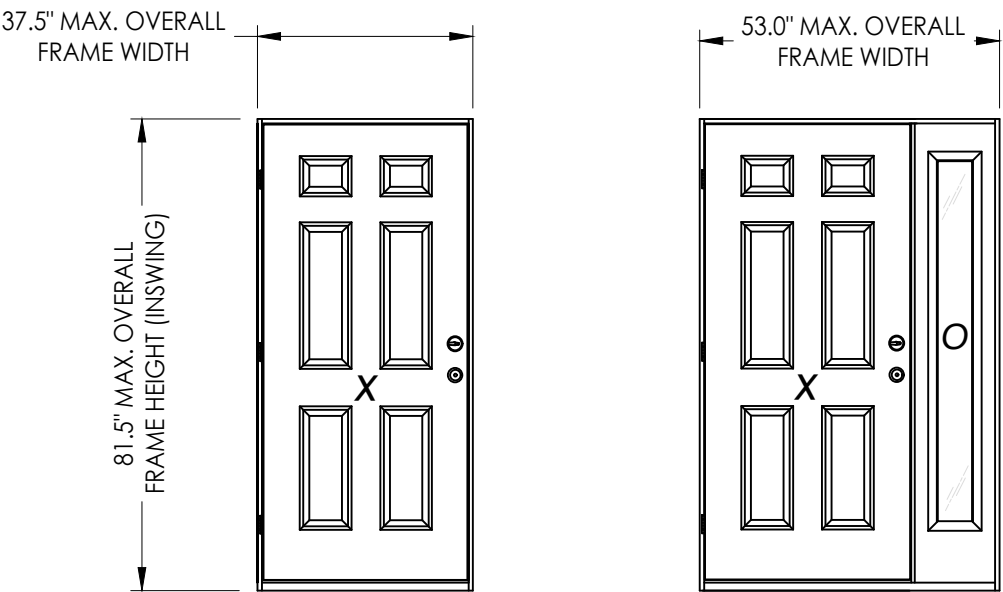


OPAQUE STEEL ENTRY DOOR
SINGLES w/ or w/out SIDELITES
INSWING
"NON-IMPACT"

GENERAL NOTES

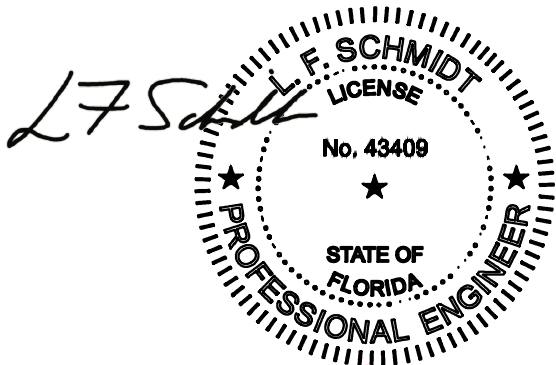
- 1. This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- 2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 3. When used in areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- 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.

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details & Glazing Details
3	Sidelite Panel Details
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to Masonry)
8	Horizontal Cross Sections
9	Vertical Cross Sections
10	Buck Anchoring
11	Frame Anchoring & Hardware Details
12	Bill of Materials & Components



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	INTEGRAL MULLION WIDTH	DESIGN PRESSURE (PSF) INSWING	
			POSITIVE	NEGATIVE
X	37.5" x 81.5"	N/A	+50.0	-55.0
OX/XO	52.125" x 81.5"	1.625"	+30.0	-40.0
	53.0" x 81.5"	2.5"	+30.0	-40.0
OXO	66.75" x 81.5"	1.625"	+30.0	-40.0
	68.5" x 81.5"	2.5"	+30.0	-40.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.02 10:18:20 -04'00'

This item has been digitally signed and sealed by L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

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

DOORSCAPES
STEEL DOOR

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

37/01/26
UPDATE TO 9TH ED. (2026) FBC

28/01/23
UPDATE TO 8TH ED. (2023) FBC

18/06/20
UPDATE TO 7TH ED. (2020) FBC

NO. DATE

REVISIONS

DATE: 1/21/19

SCALE: N.T.S.

DWG. BY: MT

CHK. BY: LFS

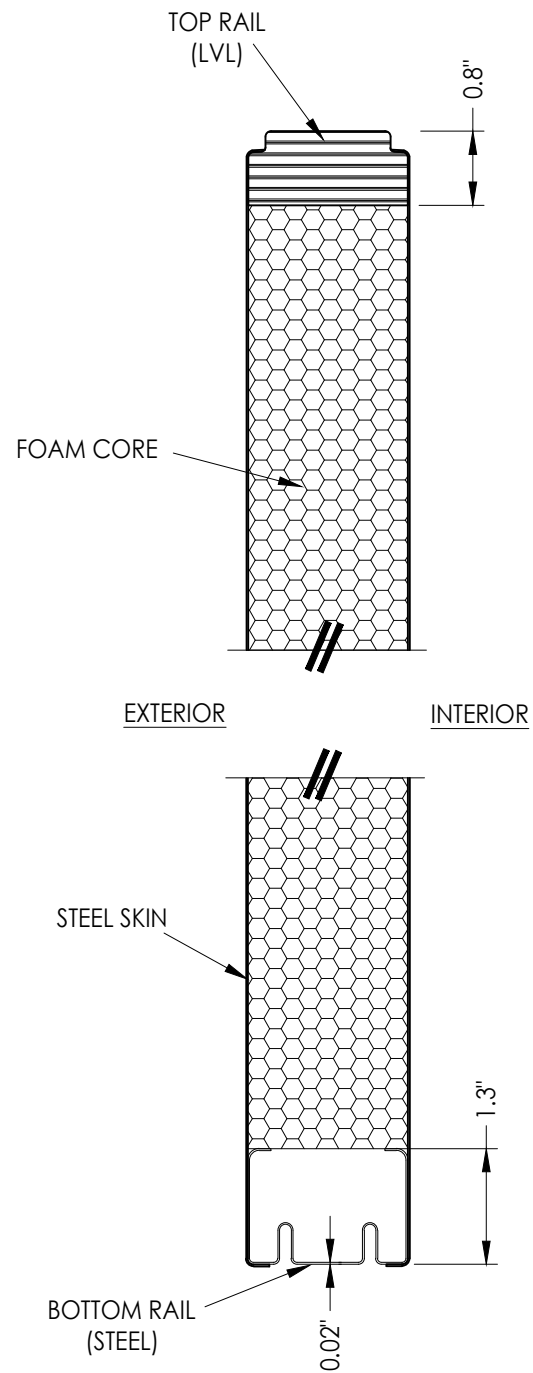
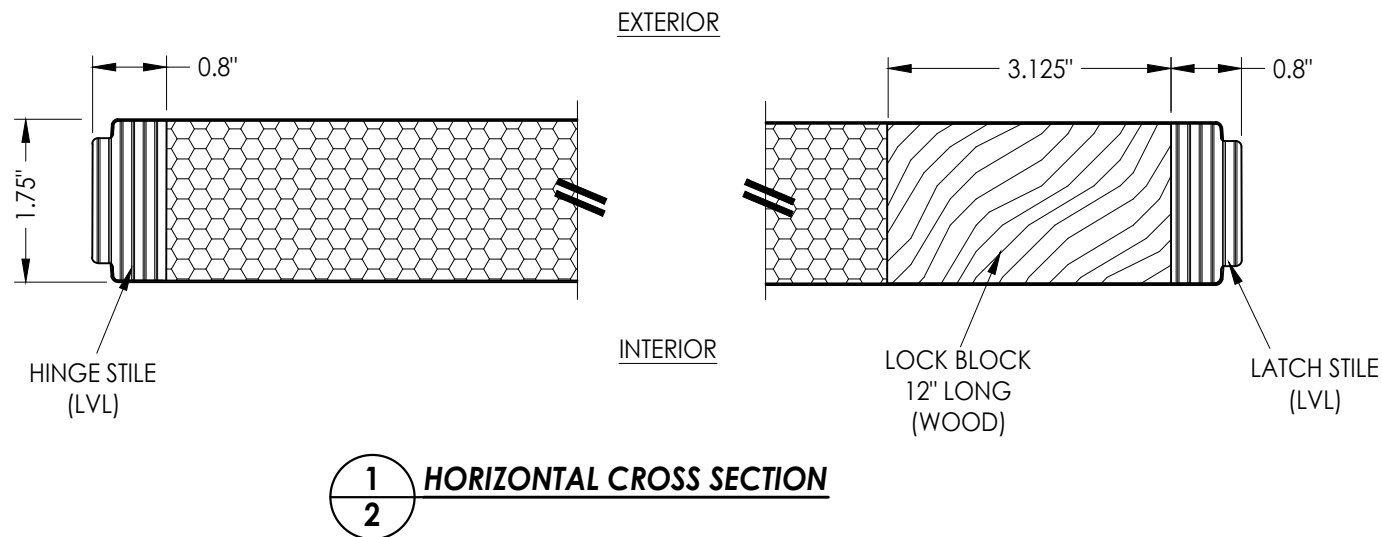
DRAWING NO.: FL-28832.1

SHEET 1 OF 12

Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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HARDWARE TABLE	
MANUFACTURER	MODEL
YALE	KNOB: YE SERIES (10)
	DEADBOLT: YE SERIES (82E)



2 VERTICAL CROSS SECTION
2

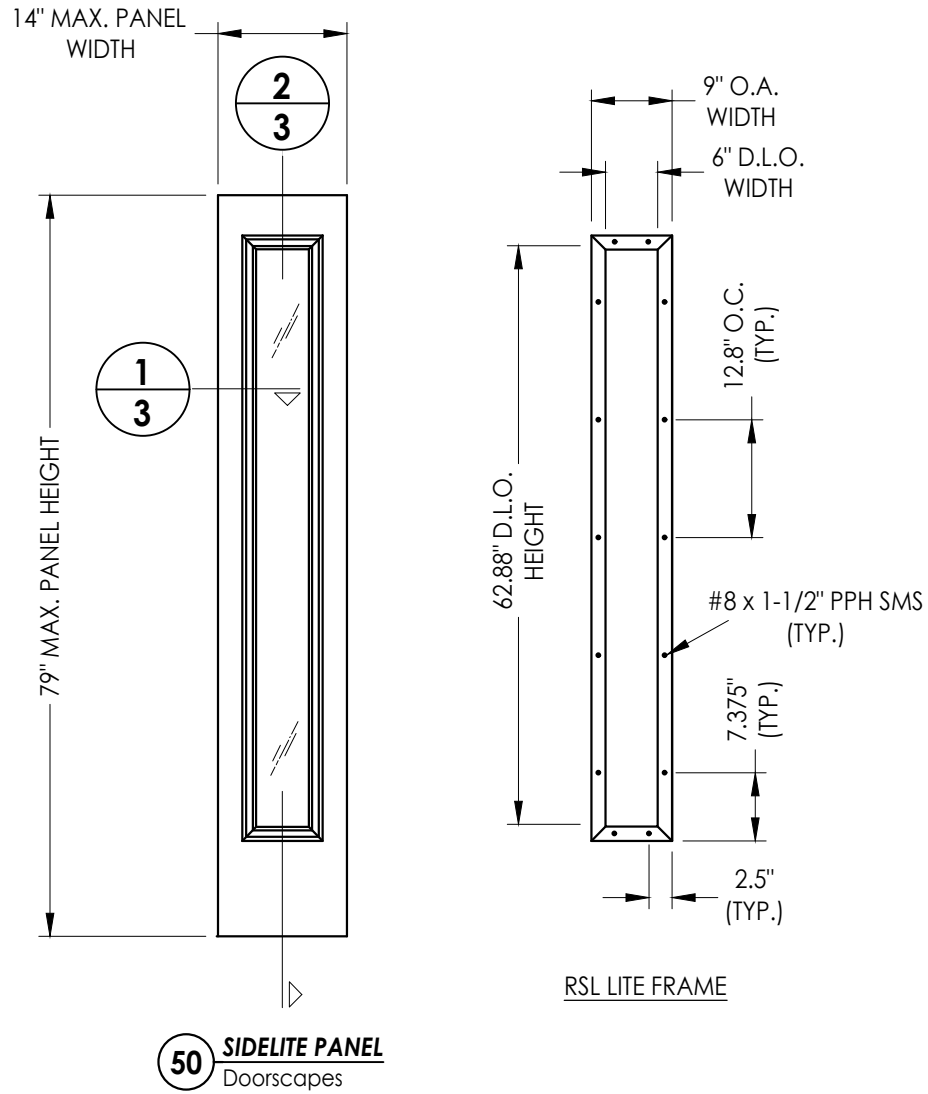
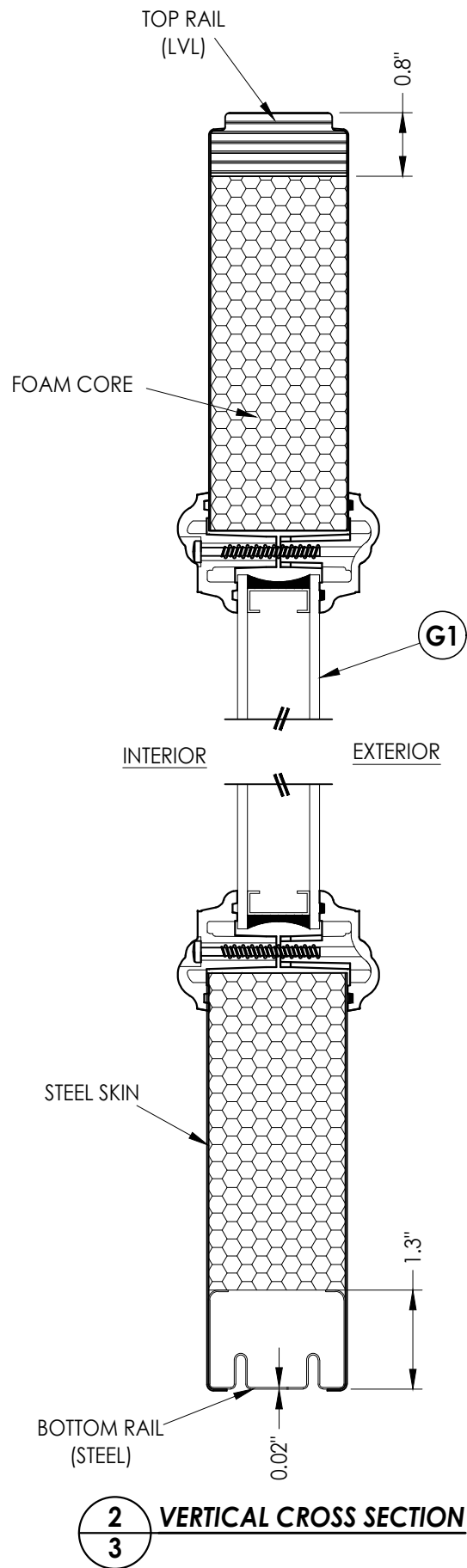
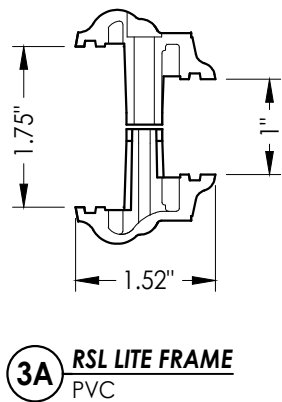
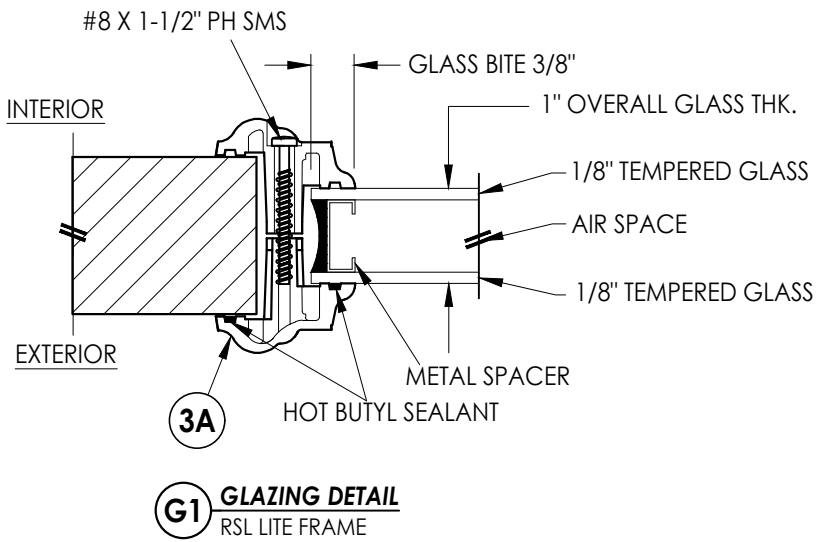
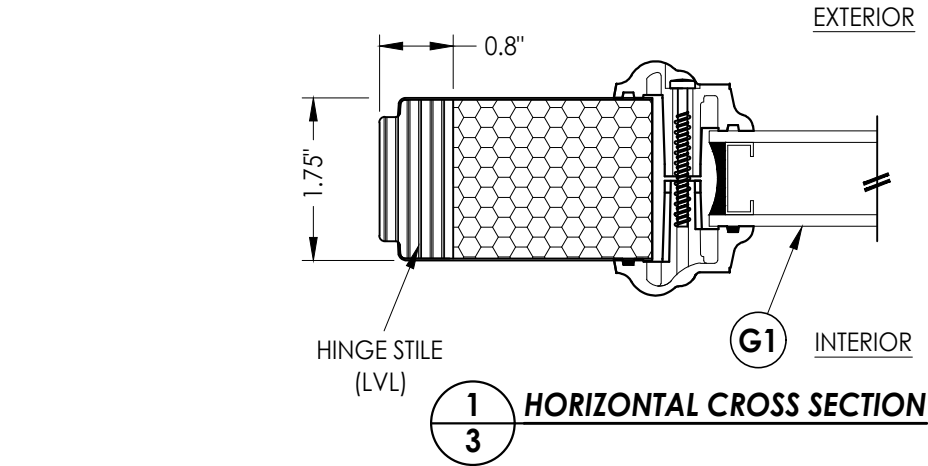
[illegible]

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

RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 333

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Phone No.: 813.659.9197
FBPE Registry No. 9813

G:\DOORSCAPES\FL-28832 R4 Steel Door\FL28832.1-2.dwg



STEEL SKIN: 0.020" MIN. THK.
FOAM CORE: POLYSTYRENE - 2 PCF MIN.

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P.E. No. 43409

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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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PRODUCT: DOORSCAPES STEEL DOOR

PART OR ASSEMBLY: SIDELITE PANEL DETAILS

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/01/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE: 1/21/19

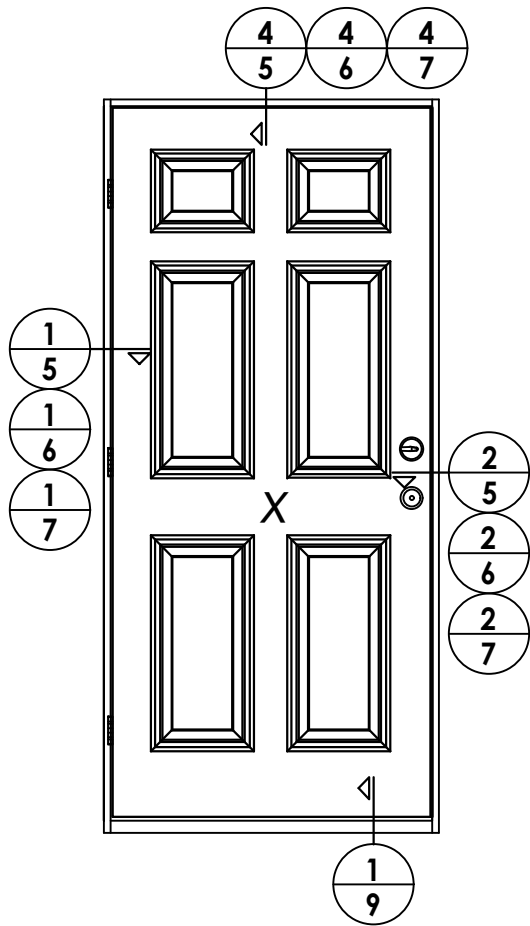
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DWG. BY: MT

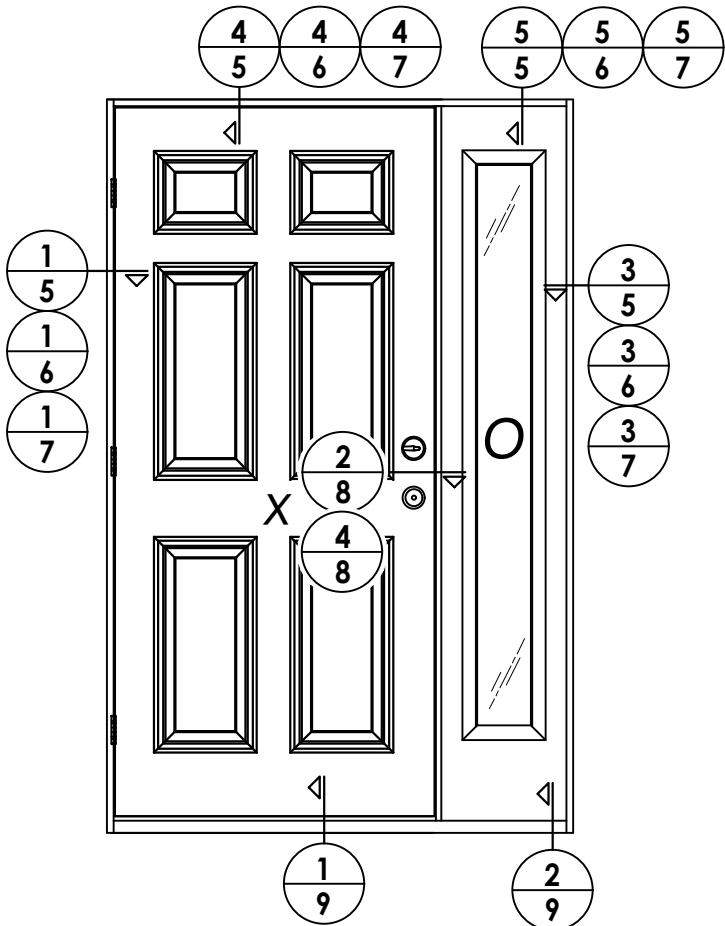
CHK. BY: LFS

DRAWING NO.: FL-28832.1

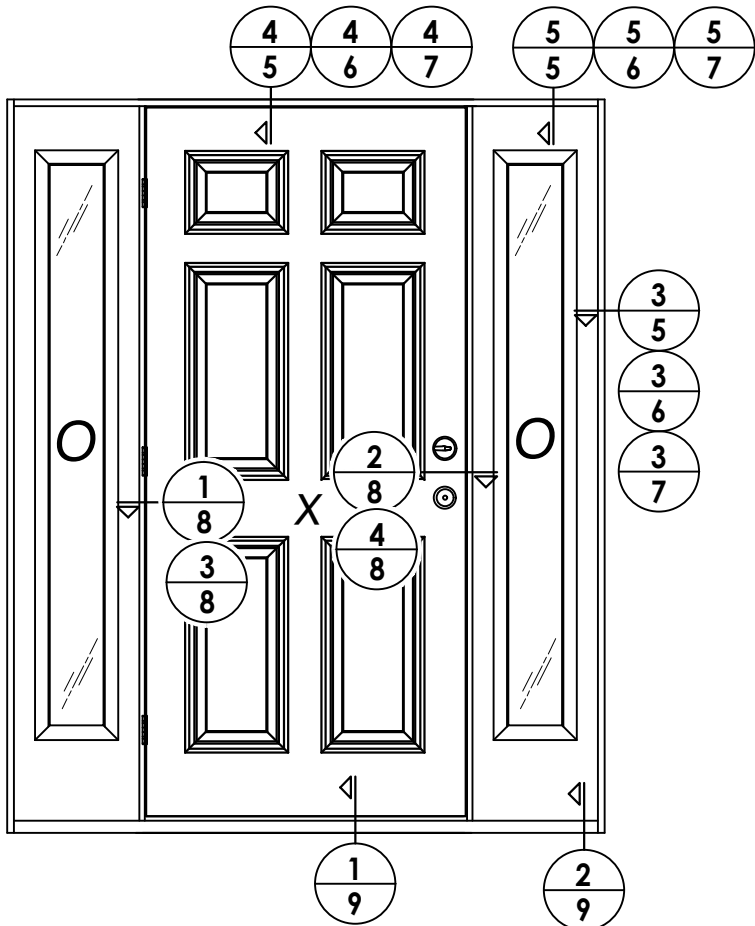
SHEET 3 OF 12



ELEVATION
X



ELEVATION
XO / OX



ELEVATION
OXO

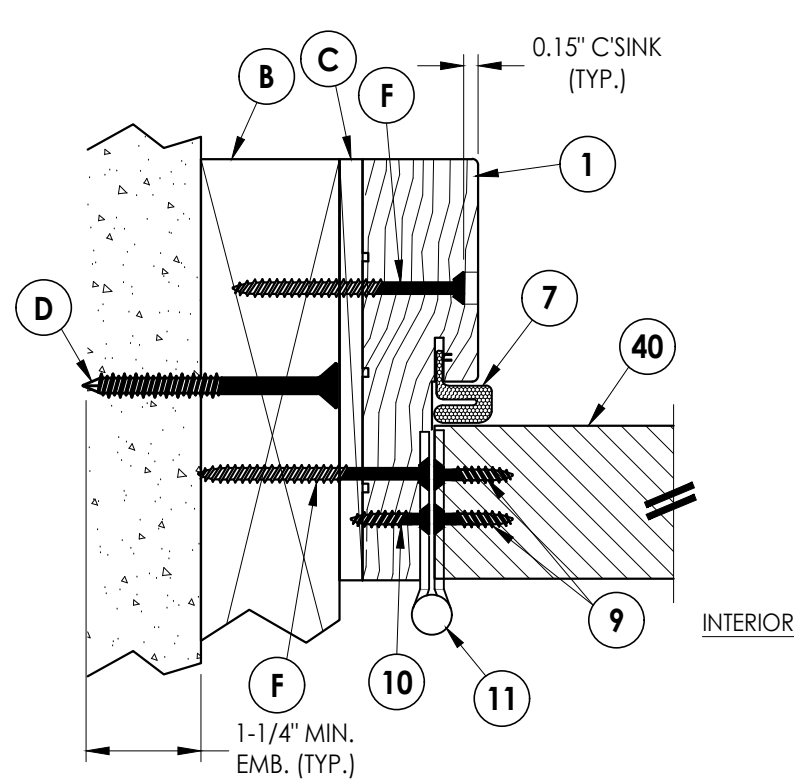
DATE: 1/21/19
SCALE: N.T.S.
DWG. BY: MT
CHK. BY: LFS
DRAWING NO.: FL-28832.1
SHEET 4 OF 12

NO.	DATE	REVISIONS
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/01/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC LFS
		BY

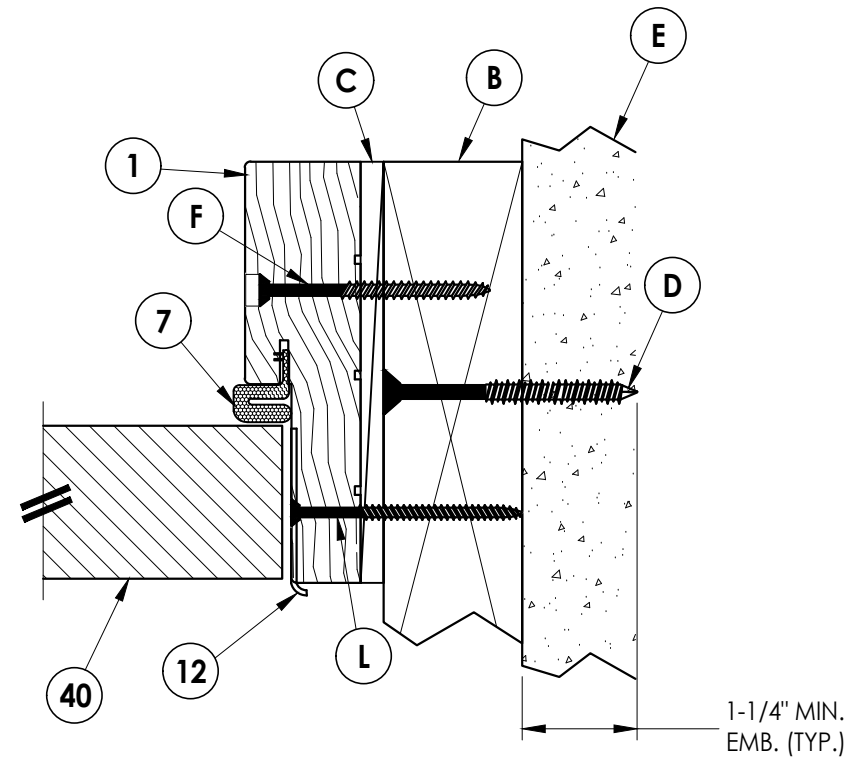
PRODUCT:	DOORSCAPES STEEL DOOR
PART OR ASSEMBLY:	ELEVATIONS

Documents Prepared By:
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P.E. No. 43409

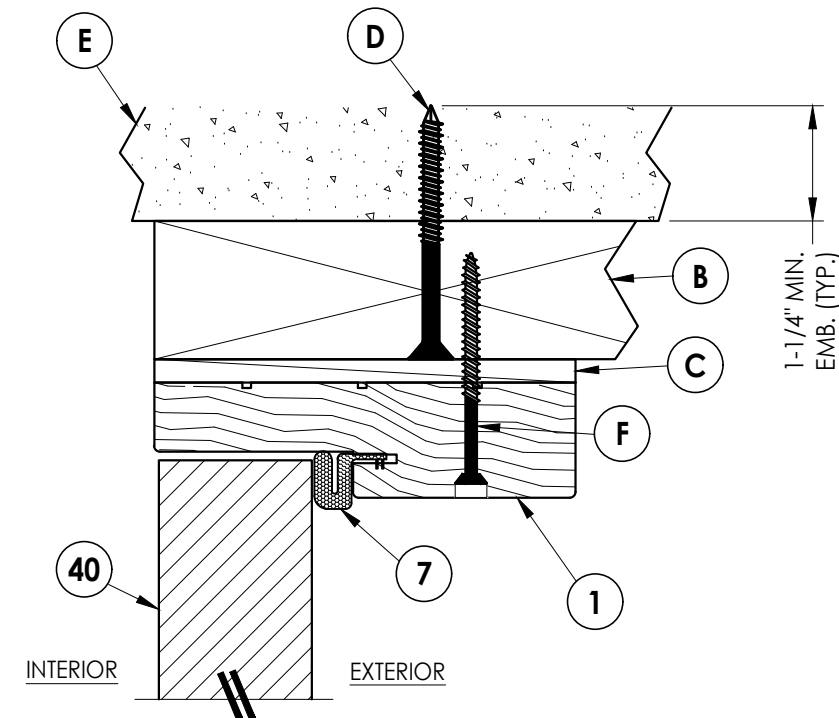
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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



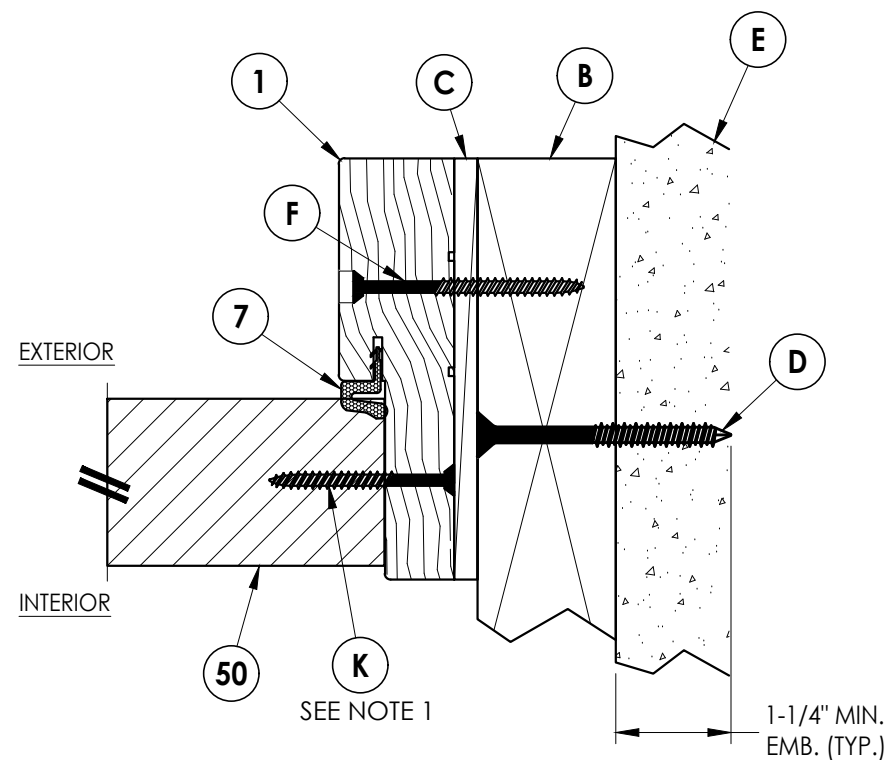
1 **HORIZONTAL CROSS SECTION**
5 Inswing
 2X Buck Construction



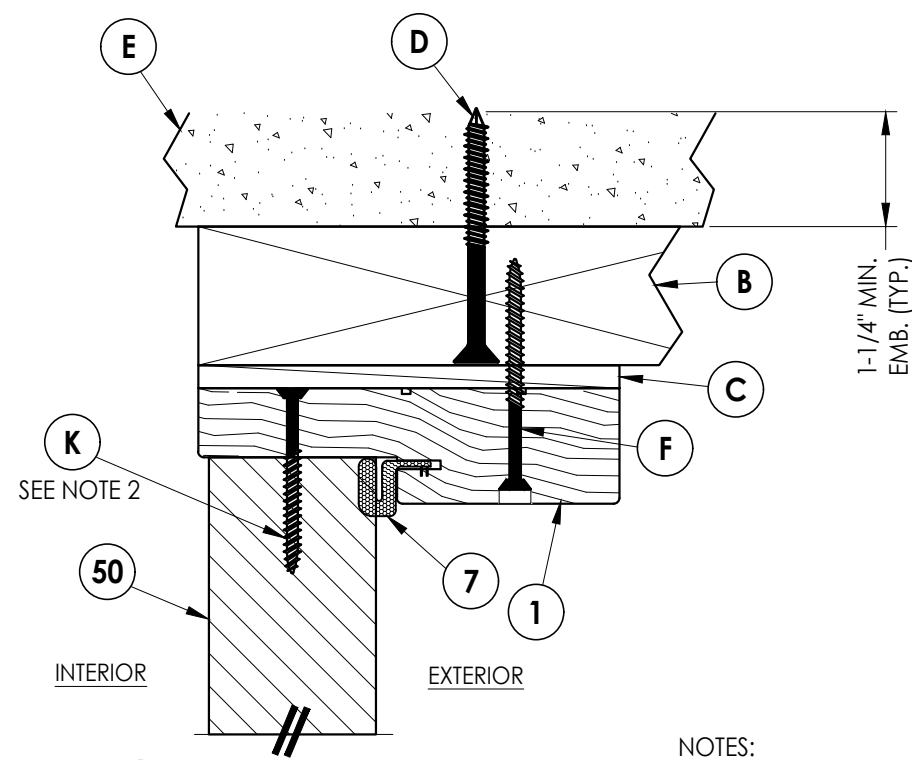
2 **HORIZONTAL CROSS SECTION**
5 Inswing
 2X Buck Construction



4 **VERTICAL CROSS SECTION**
5 Inswing
 2X Buck Construction



3 **HORIZONTAL CROSS SECTION**
5 Inswing
 2X Buck Construction



5 **VERTICAL CROSS SECTION**
5 Inswing
 2X Buck Construction

NOTES:

- Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).
- Sidelite attached @ 3" from each end (2 screws total @ head).

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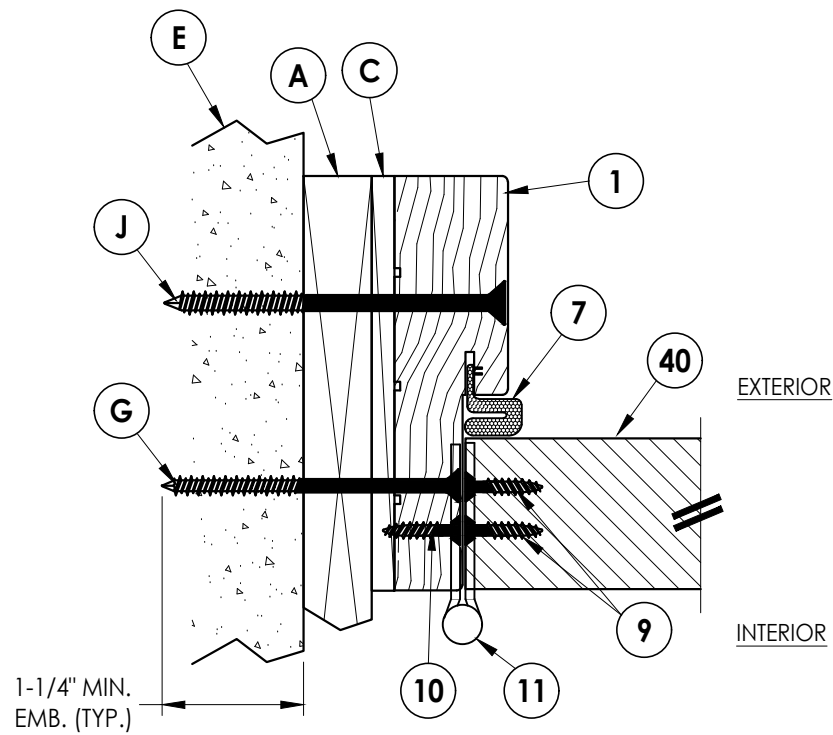
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 P.O. Box 230, Valrico, FL 33595
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PRODUCT:
 DOORSCAPES
 STEEL DOOR

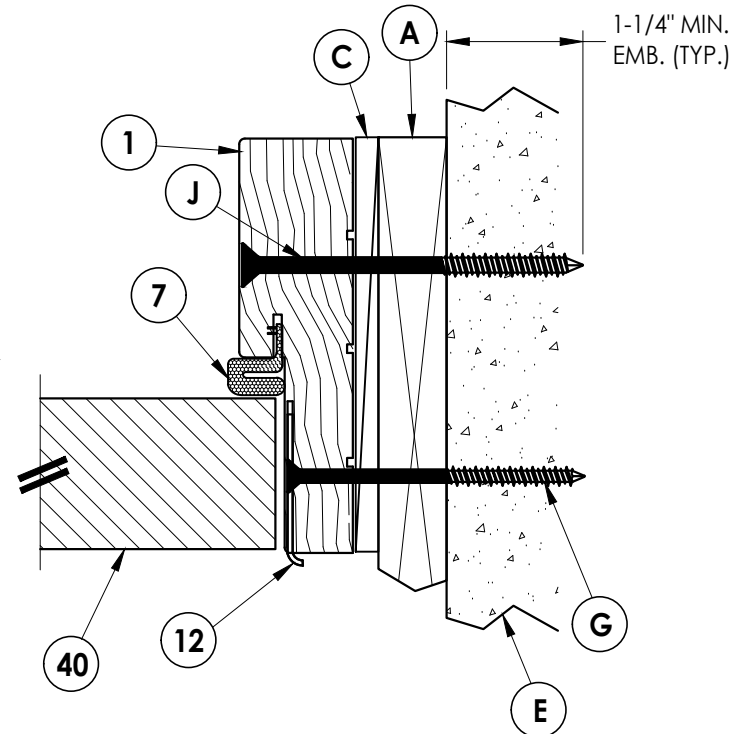
PART OR ASSEMBLY:
 HORIZONTAL & VERTICAL
 CROSS SECTIONS (2X BUCK)

NO.	DATE	REVISIONS	BY
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
2	8/01/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC	LFS

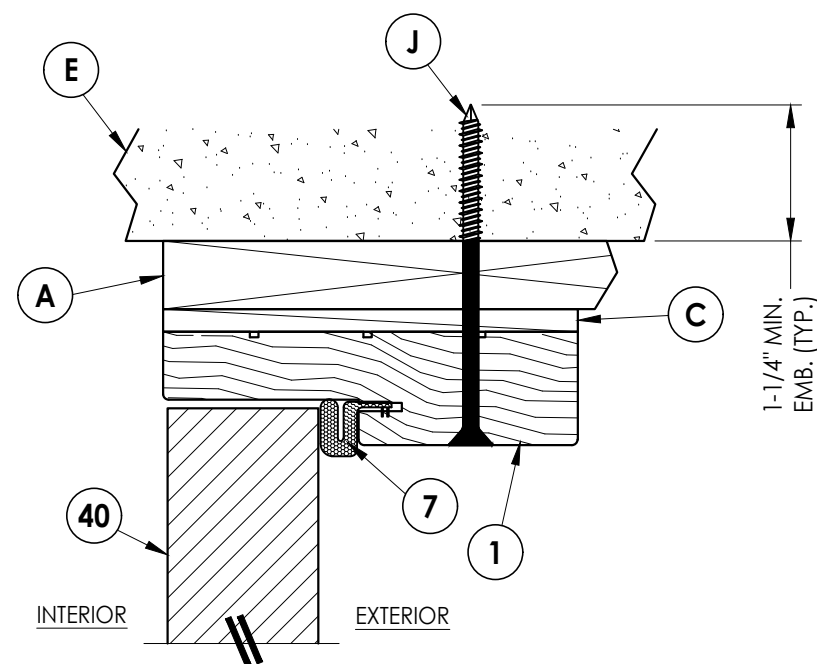
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 SCALE: N.T.S.
 DWG. BY: MT
 CHK. BY: LFS
 DRAWING NO.: FL-28832.1
 SHEET 5 OF 12



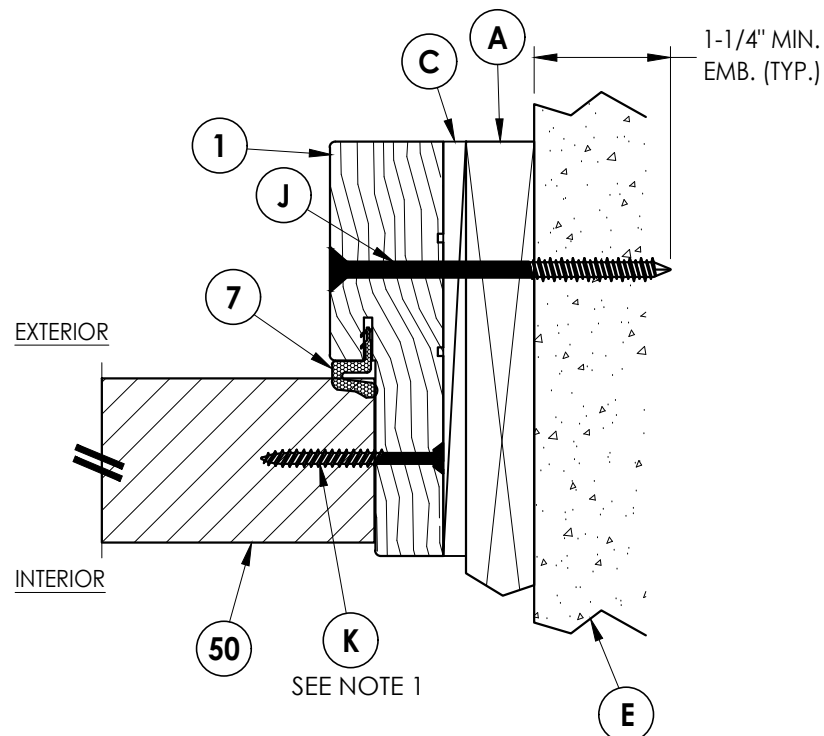
1
6 **HORIZONTAL CROSS SECTION**
Inswing
1X Buck Construction



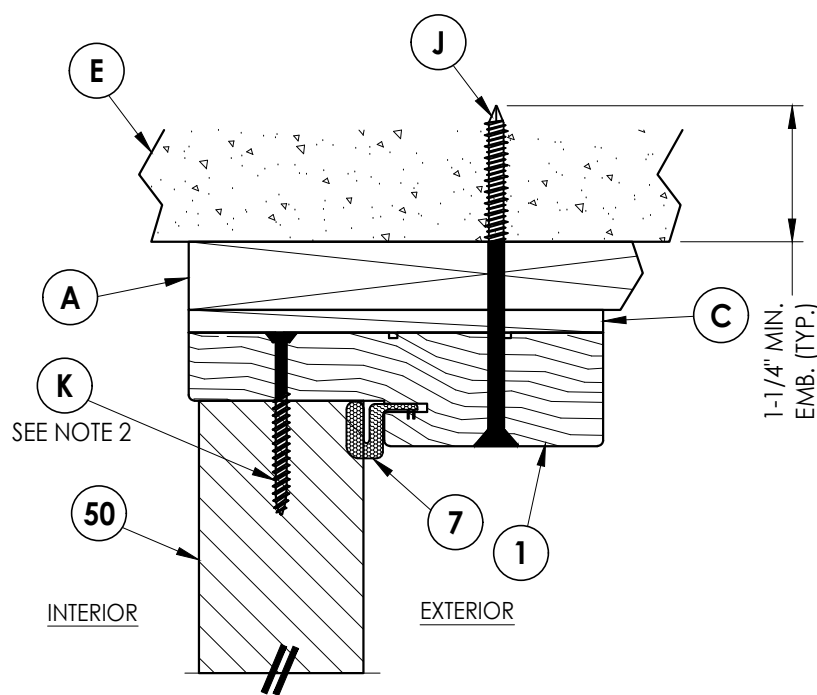
2
6 **HORIZONTAL CROSS SECTION**
Inswing
1X Buck Construction



4
6 **VERTICAL CROSS SECTION**
Inswing
1X Buck Construction



3
6 **HORIZONTAL CROSS SECTION**
Inswing
1X Buck Construction



5
6 **VERTICAL CROSS SECTION**
Inswing
1X Buck Construction

NOTES:

- Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).
- Sidelite attached @ 3" from each end (2 screws total @ head).

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

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

PRODUCT:
DOORSCAPES
STEEL DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

NO.	DATE	REVISIONS	BY
3	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
2	8/01/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	8/06/20	UPDATE TO 7TH ED. (2020) FBC	LFS

DATE: 1/21/19

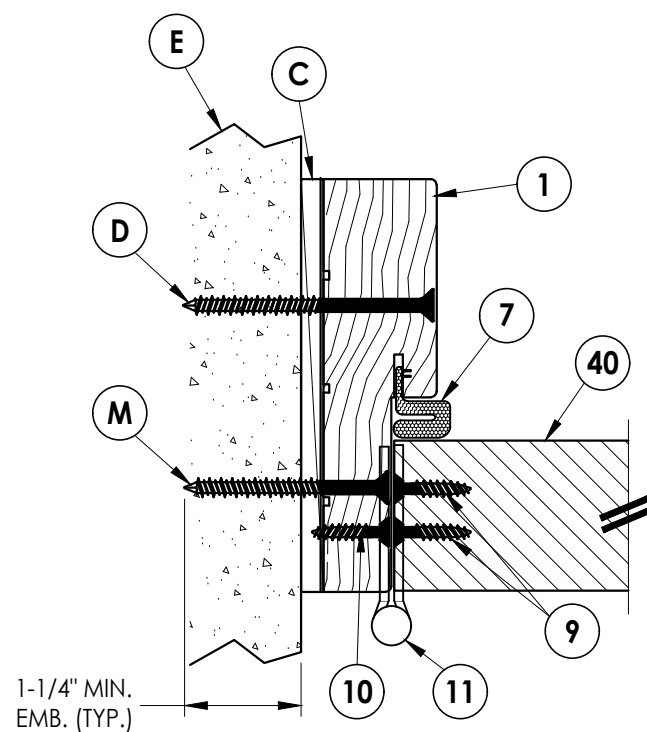
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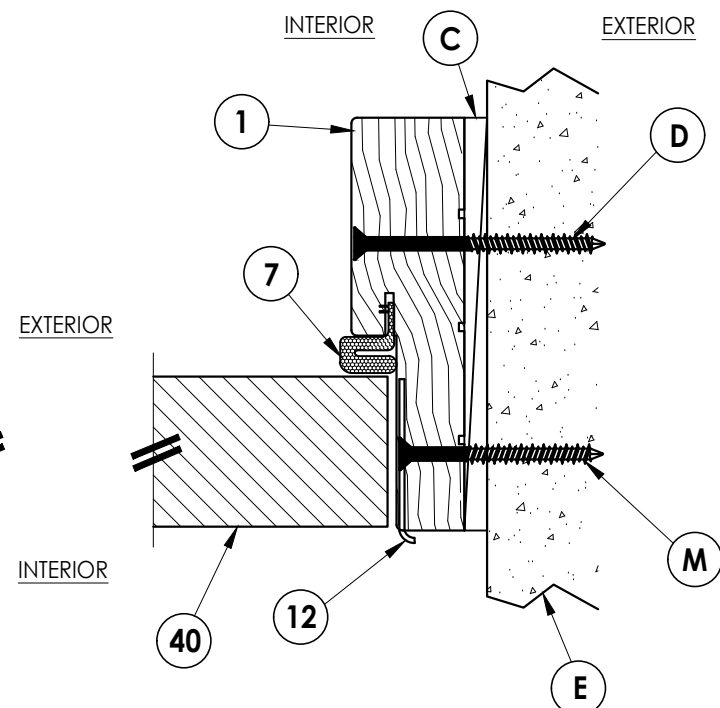
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DRAWING NO.: FL-28832.1

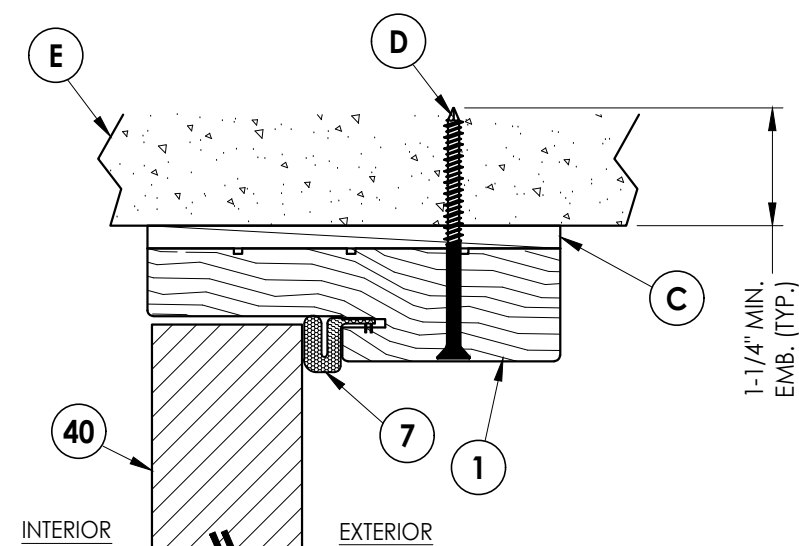
SHEET 6 OF 12



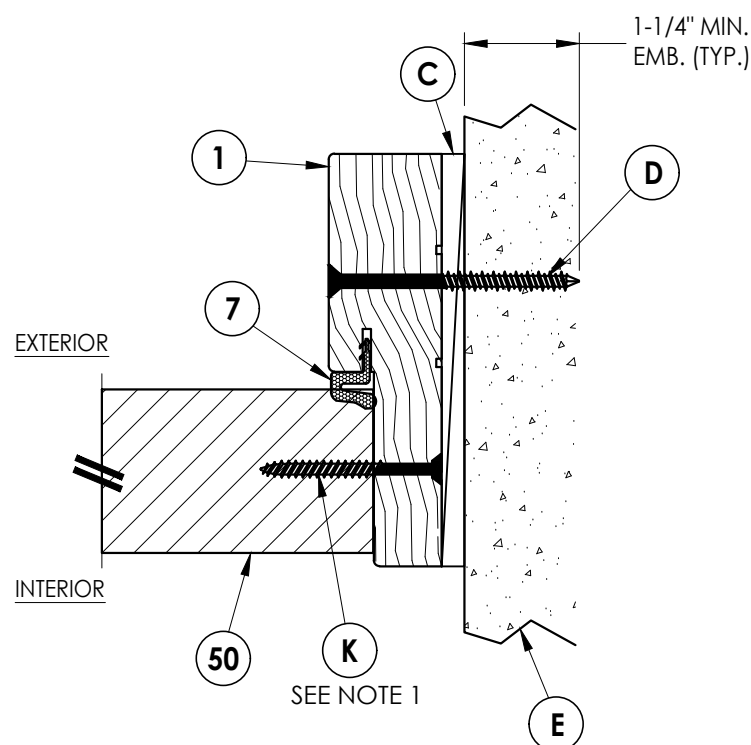
1 **HORIZONTAL CROSS SECTION**
7 Inswing
 Shown Direct to Masonry



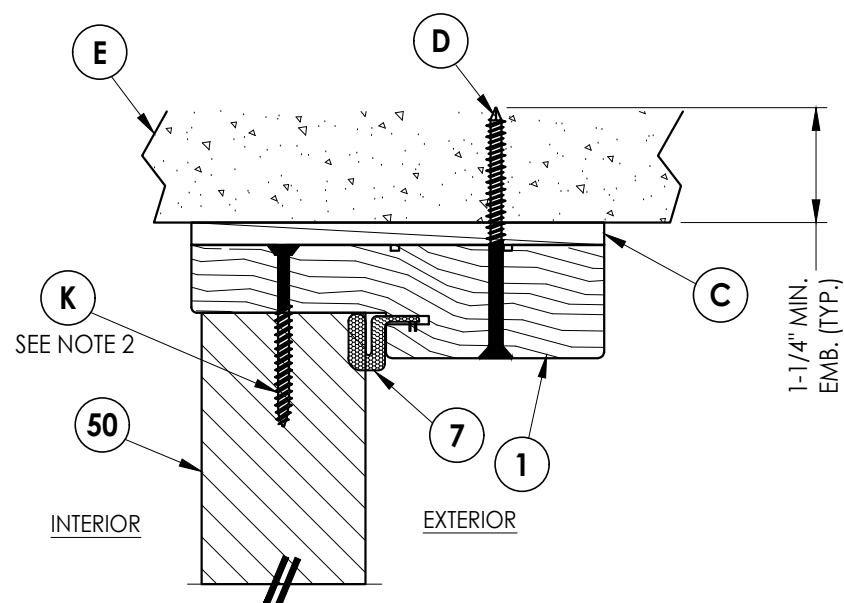
2 **HORIZONTAL CROSS SECTION**
7 Inswing
 Shown Direct to Masonry



4 **VERTICAL CROSS SECTION**
7 Inswing
Shown Direct to Masonry



3 **HORIZONTAL CROSS SECTION**
7 Inswing
Shown Direct to Masonry



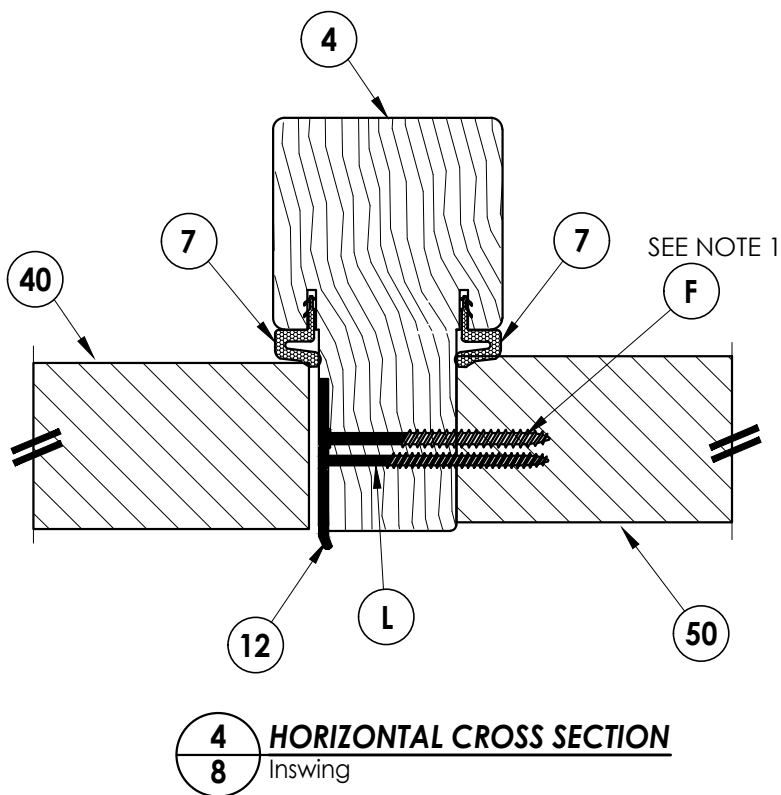
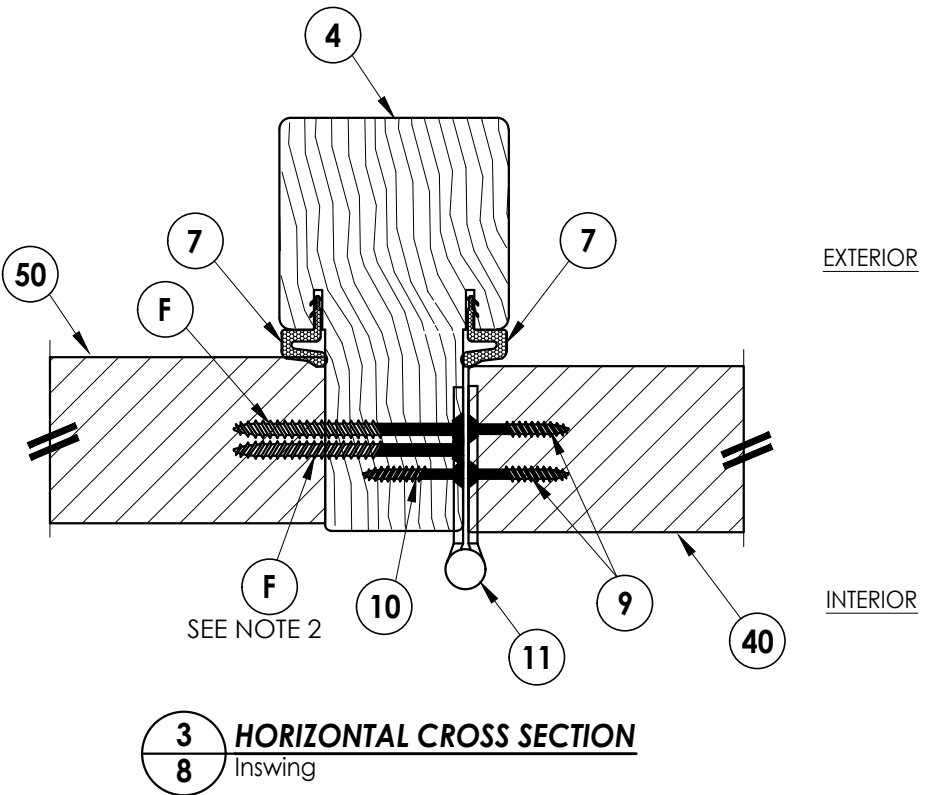
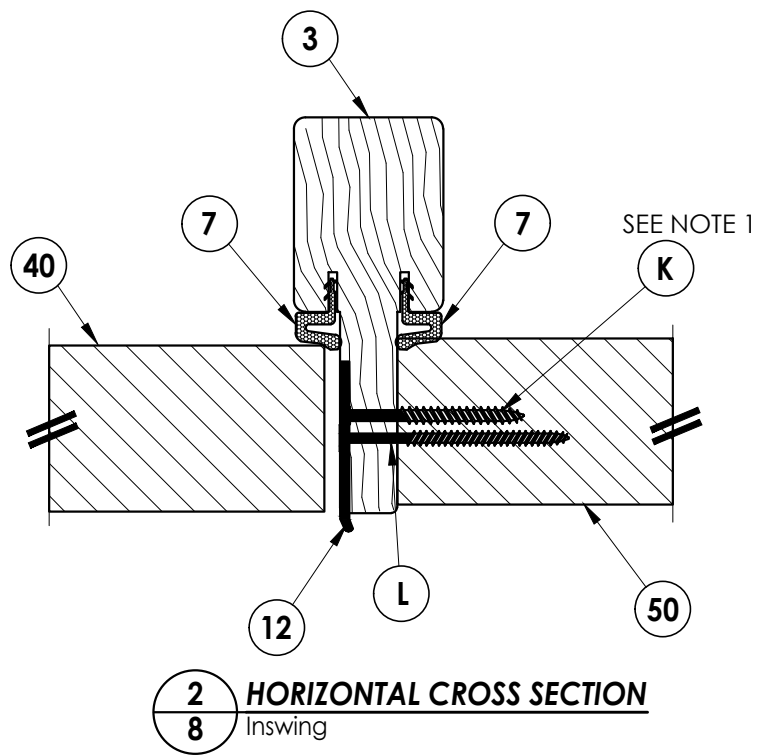
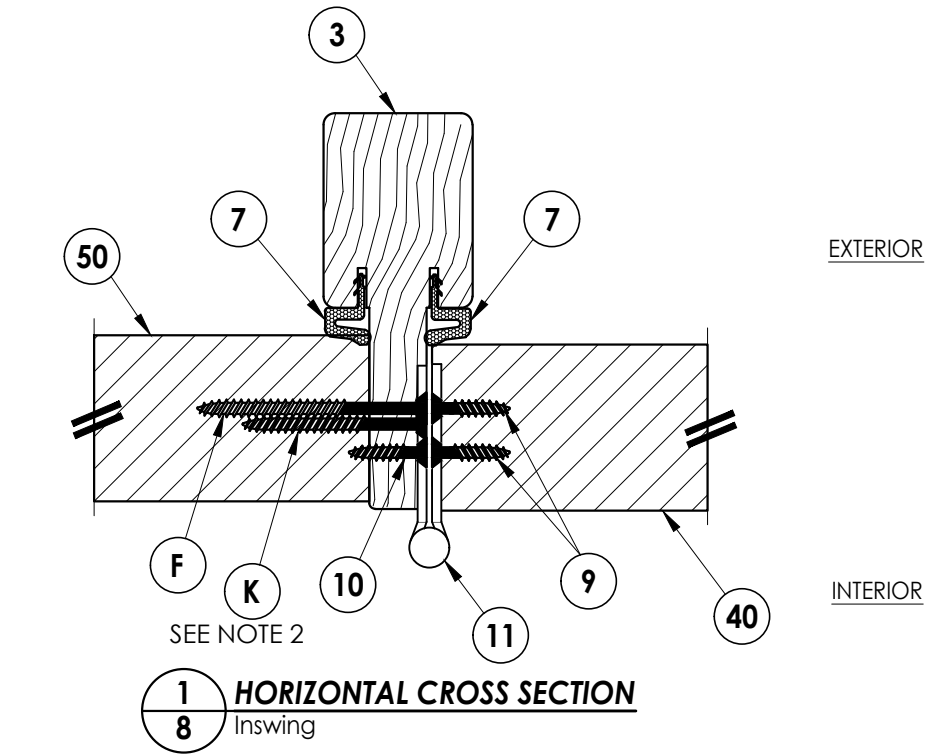
5 **VERTICAL CROSS SECTION**
7 Inswing
 Shown Direct to Masonry

NOTES:

1. Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).
2. Sidelite attached @ 3" from each end (2 screws total @ head).

DATE: 1/21/19					
SCALE: N.T.S.					
DWG. BY: MT					
CHK. BY: LFS					
DRAWING NO.: FL-28832.1					
SHEET	7	OF	12		
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
2	8/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
1	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
NO.	DATE			BY	
					REVISIONS
PRODUCT:					
DOORSCAPES STEEL DOOR					
PART OR ASSEMBLY:					
HORIZONTAL & VERTICAL CROSS SECTIONS (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					

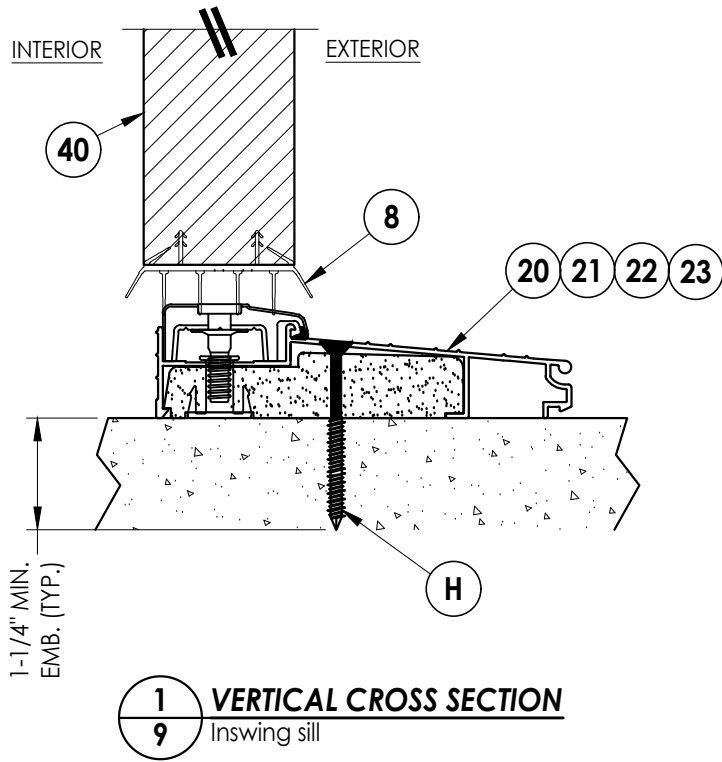
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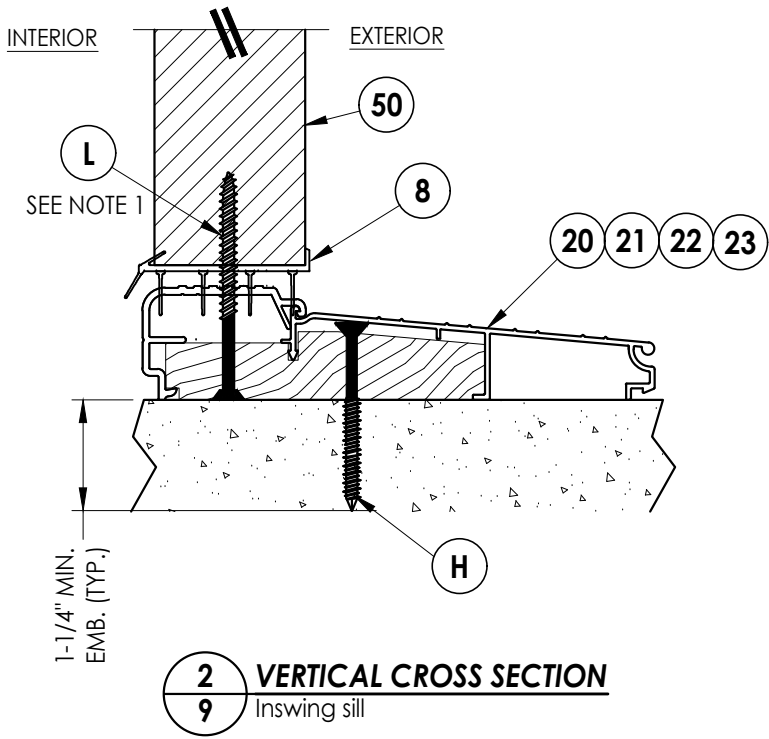
NOTES:

1. Sidelite attached @ 6" from each end plus 4 more screws equally spaced between (6 screws total per jamb).
2. Sidelite attached w/ 1 screw equally spaced between each hinge (2 screws total per mullion).

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PRODUCT: DOORSCAPES STEEL DOOR		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
		LFS	BY
		FBC	
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
2	8/01/23	UPDATE TO 8TH ED. (2023)	FBC
1	8/06/20	UPDATE TO 7TH ED. (2020)	FBC
NO.	DATE		
REVISIONS			
DATE: 1/21/19			
SCALE: N.T.S.			
DWG. BY: MT			
CHK. BY: LFS			
DRAWING NO.: FL-28832.1			
SHEET 8 OF 12			



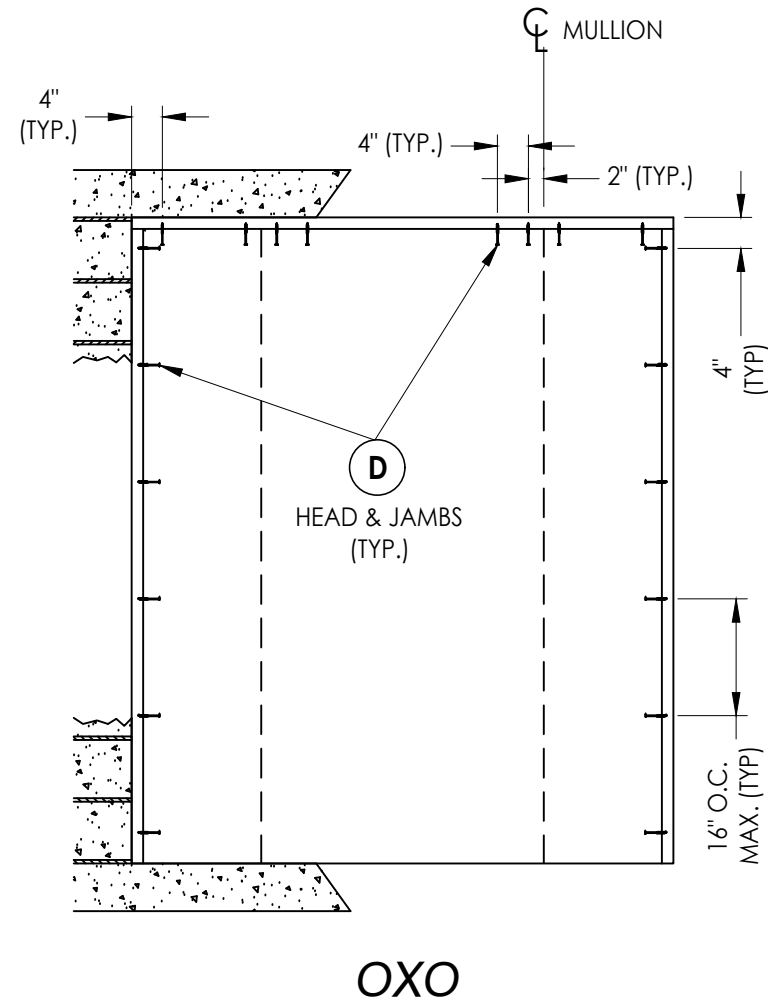
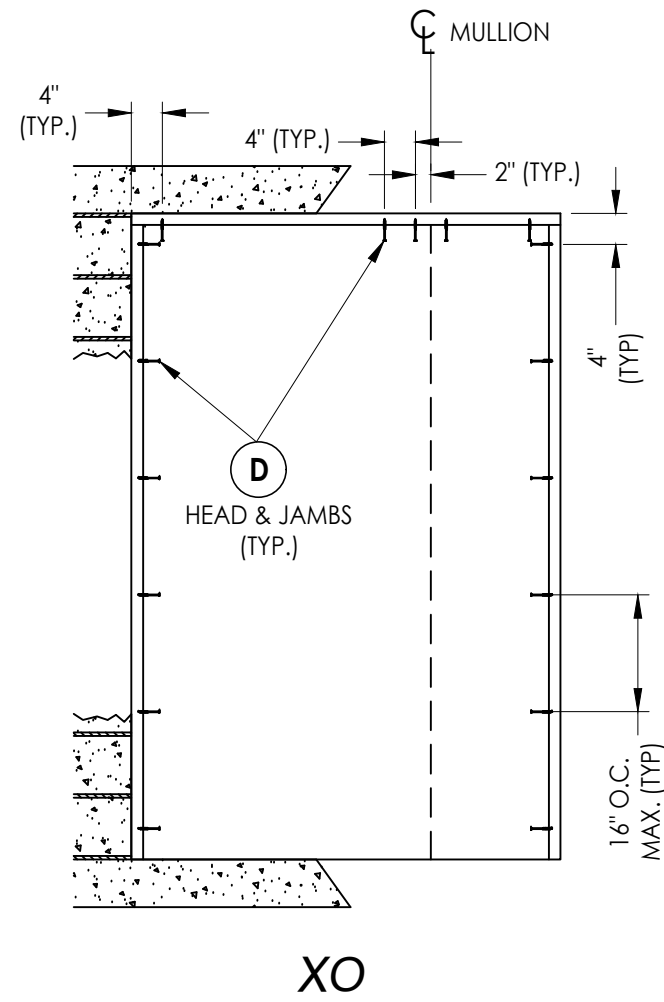
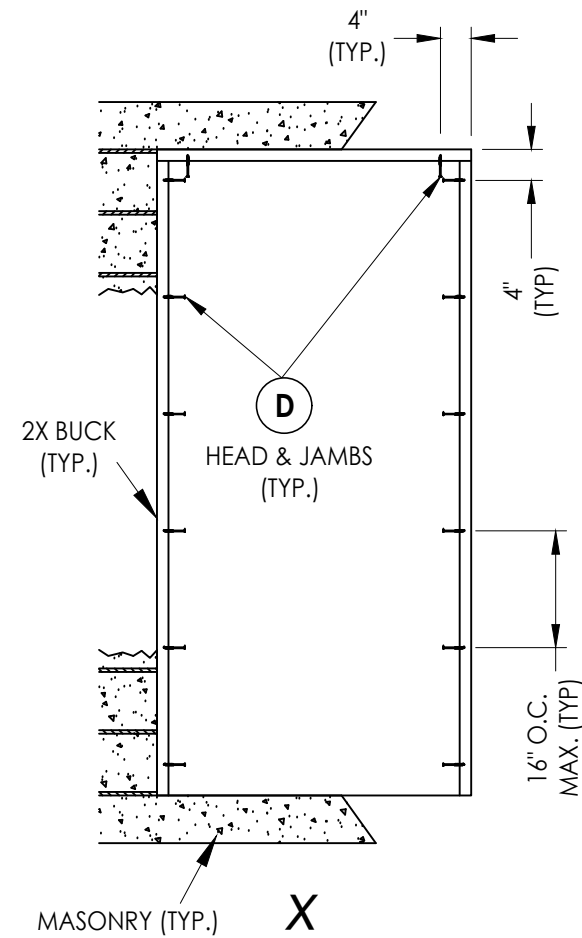
1
9 VERTICAL CROSS SECTION
Inswing sill



2
9 VERTICAL CROSS SECTION
Inswing sill

NOTE:
1. Sidelite attached @ 3" from each end (2 screws total @ sill).

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PRODUCT: DOORSCAPES STEEL DOOR				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS			
3	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
2	8/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
1	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
NO.	DATE						
				REVISIONS			
DATE: 1/21/19							
SCALE: N.T.S.							
DWG. BY: MT							
CHK. BY: LFS							
DRAWING NO.: FL-28832.1							
SHEET 9 OF 12							



2X BUCK ANCHORING

3	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
2	8/01/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
1	8/06/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
NO.	DATE				
					REVISIONS

DATE:	1/21/19
SCALE:	N.T.S.
DWG. BY:	MT
CHK. BY:	LFS
DRAWING NO.:	FL-28832.1
SHEET	10 OF 12

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

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Phone No.: 813.659.9197
FBPE Registry No. 9813

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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	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#10 X 2" PFH WOOD SCREW	STEEL
L	#8 X 2-1/2" PFH WOOD SCREW	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
P	#7 X 2-1/2" DRYWALL SCREW	STEEL
1	FINGER JOINT PINE JAMB (G >= 0.42)	WOOD
3	INTEGRAL MULLION - 1.625" WIDE (PINE, G >= 0.42)	WOOD
4	INTEGRAL MULLION - 2.5" WIDE (PINE, G >= 0.42)	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR/SIDELITE BOTTOM SWEEP	VINYL
9	#9 X 1" PFH WOOD SCREW	STEEL
10	#10 X 3/4" PFH WOOD SCREW	STEEL
11	4" X 4" BUTT HINGE	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
20	INSWING THRESHOLD (AFCO A-125)	ALUM/WOOD
21	INSWING THRESHOLD (AFCO A-125)	ALUM/COMP
22	INSWING THRESHOLD (AFCO A-276)	ALUM/WOOD
23	INSWING THRESHOLD (AFCO A-280)	ALUM/WOOD
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS	-

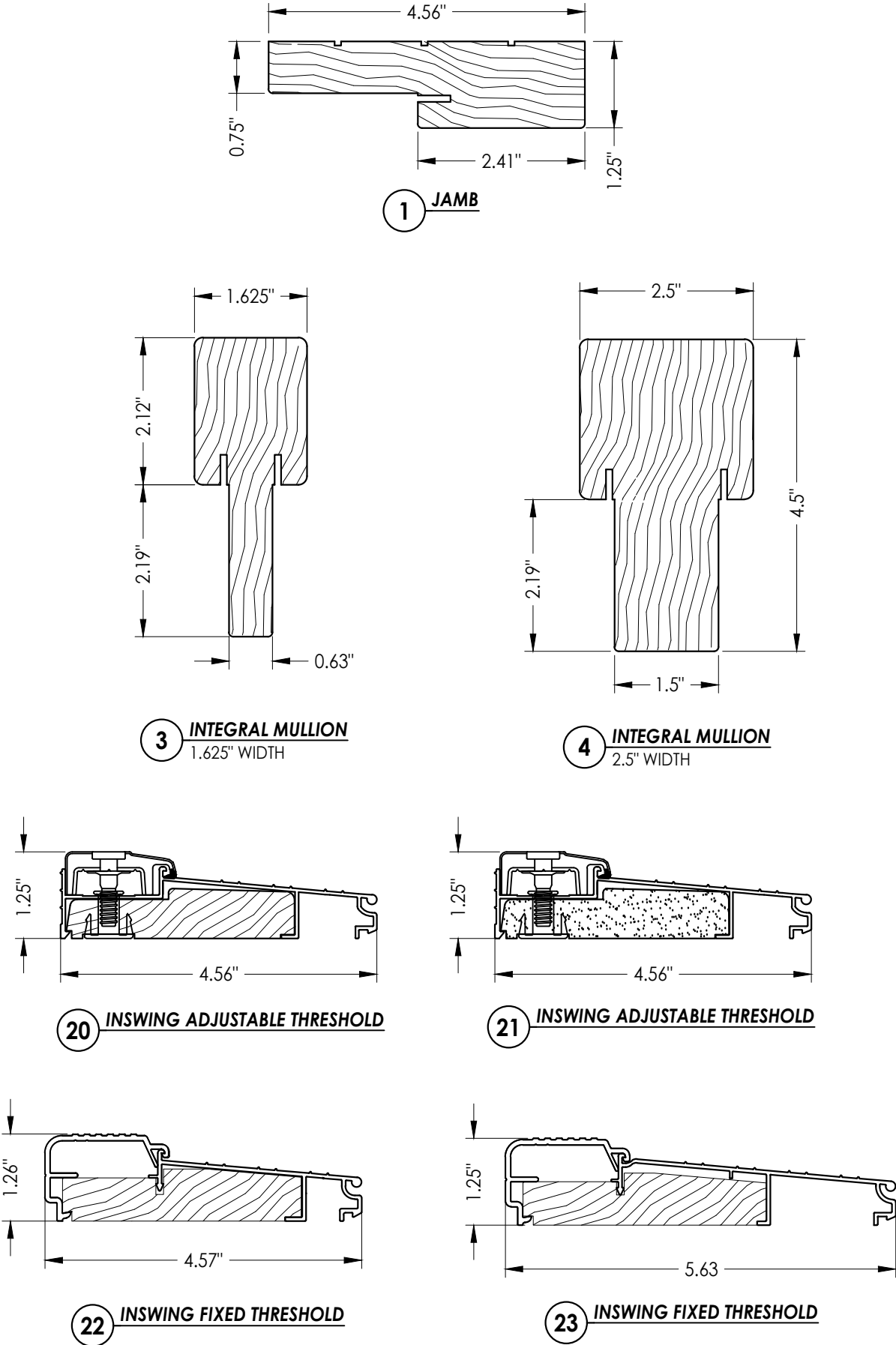
CONCRETE ANCHOR NOTES:

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"

WOOD SCREW INSTALLATION NOTES:

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



Documents Prepared By:
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P.E. No. 43409

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P.O. Box 230, Valrico, FL 33595
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FBPE Registry No. 9813

PRODUCT: DOORSCAPES STEEL DOOR	
PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	

			LFS
		UPDATE TO 9TH ED. (2026)	FBC
		UPDATE TO 8TH ED. (2023)	FBC
		UPDATE TO 7TH ED. (2020)	FBC
		NO. DATE	BY
		REVISIONS	

DATE:	1/21/19
SCALE:	N.T.S.
DWG. BY:	MT
CHK. BY:	LFS
DRAWING NO.:	FL-28832.1
SHEET	12 OF 12