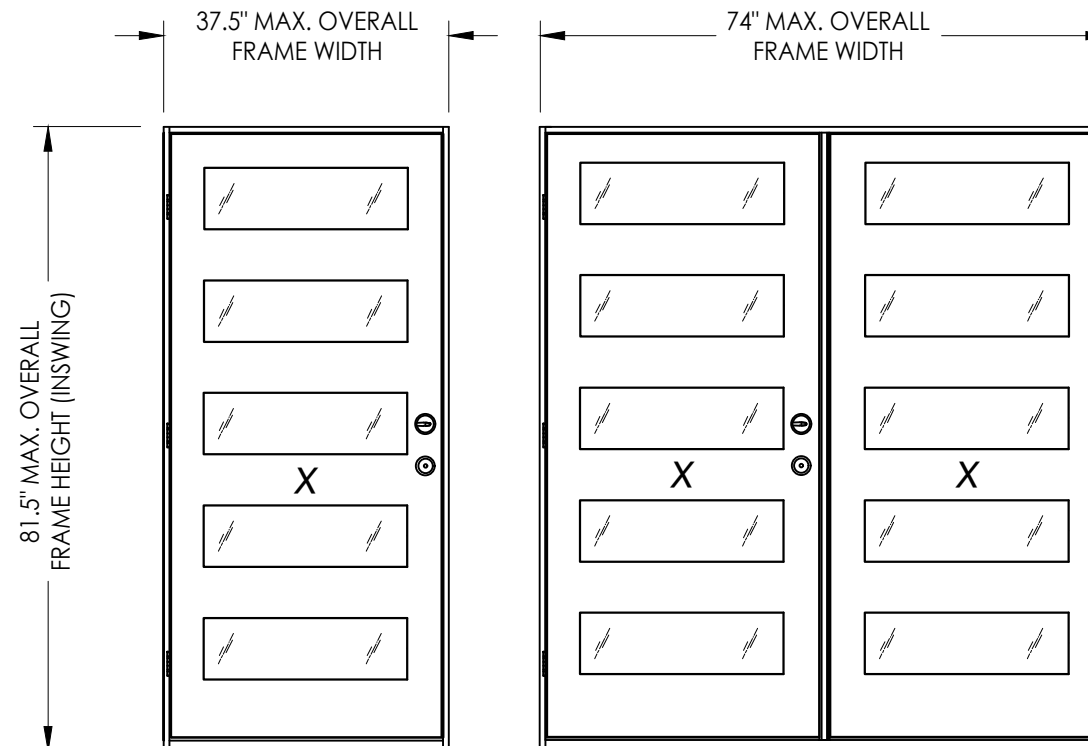




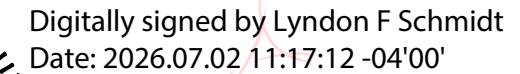
**INSWING
"NON-IMPACT"**

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	Elevations
4	Horizontal & Vertical Cross Sections (2X Buck)
5	Horizontal & Vertical Cross Sections (1X Buck)
6	Horizontal & Vertical Cross Sections (Direct to Masonry)
7	Buck Anchoring
8	Frame Anchoring & Hardware Details
9	Bill of Materials & Components



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
X	37.5" x 81.5"	+55.0	-60.0
XX	74.0" x 81.5"	+45.0	-50.0



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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33487
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DOORSCAPES
FIBERGLASS DOOR

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

[illegible]

DATE: 2/22/24

SCALE: N.T.S.

DWG. BY: *LFS*

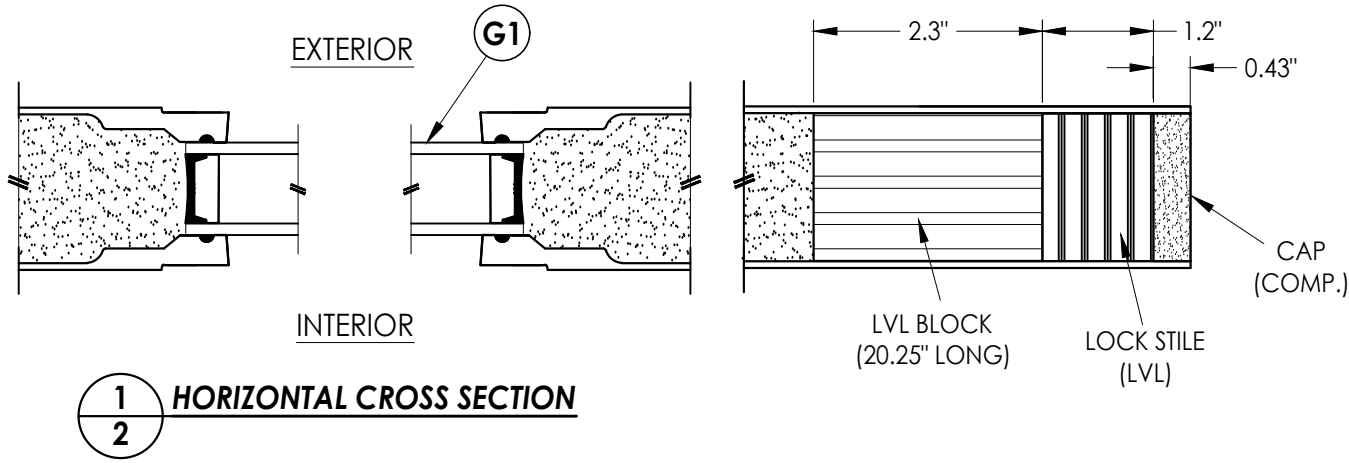
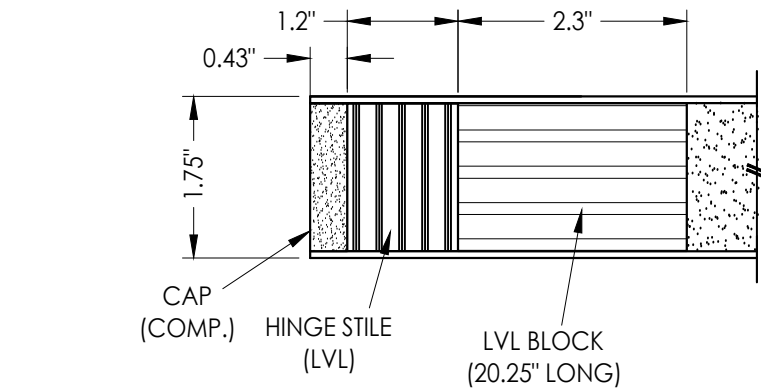
CHK. BY: *RW*

DRAWING NO.:

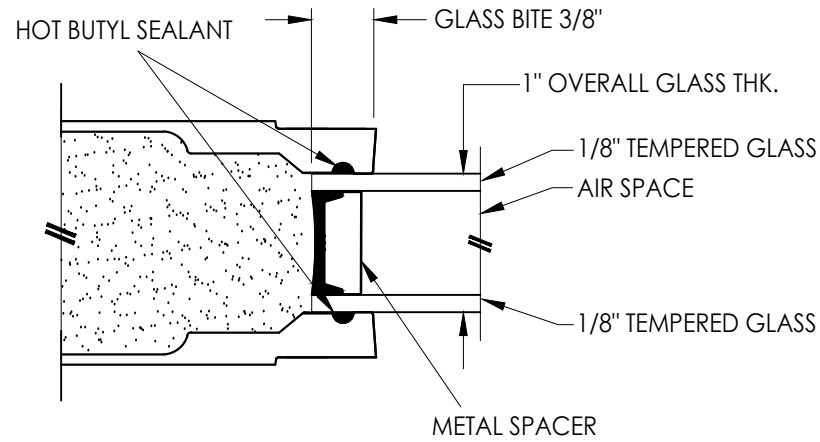
FL-46553.1

SHEET 1 OF 9

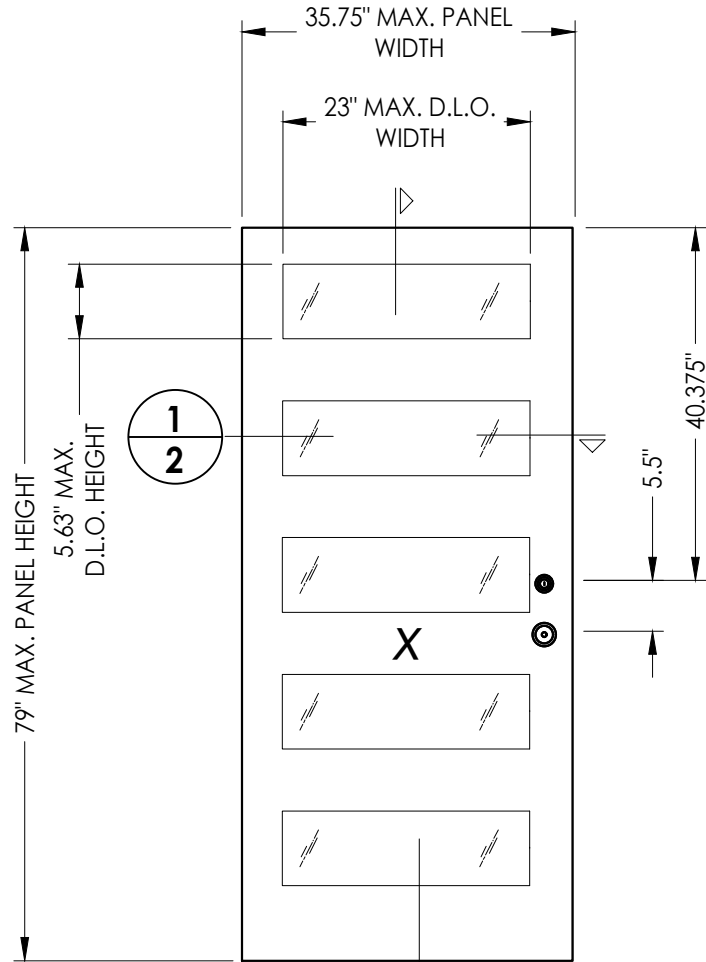
G:\DOORSCAPES\FL-46553 R1 FG Flush Glazed Door\FL46553.1.dwg



1
2 **HORIZONTAL CROSS SECTION**

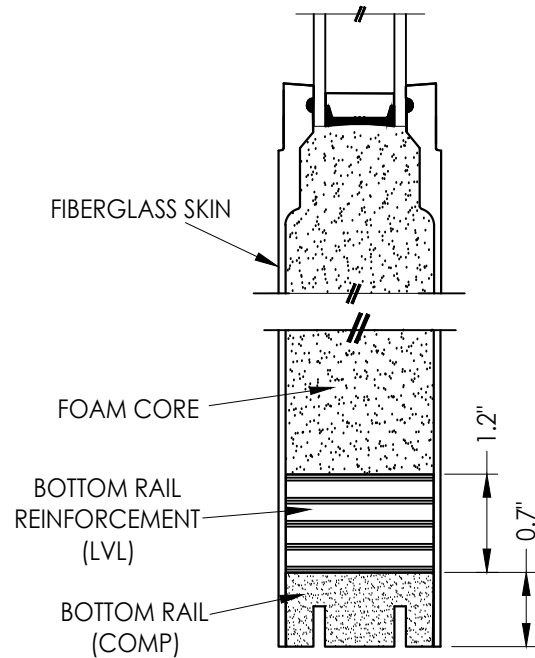
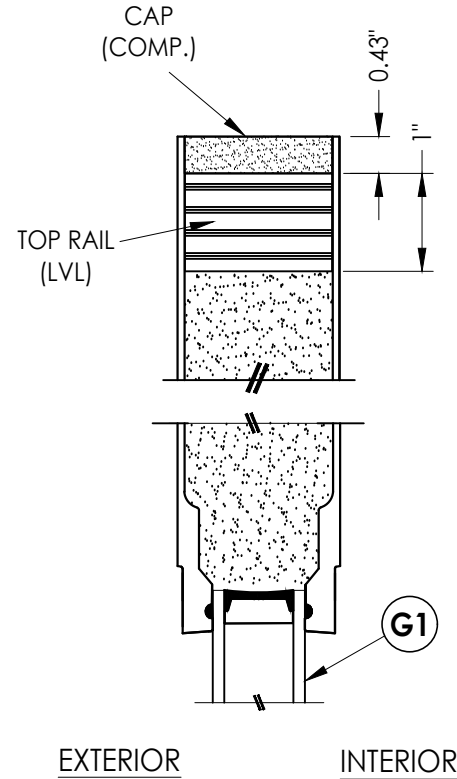


G1 **GLAZING DETAIL**
FLUSH GLAZED (CLEAR)



40 **FIBERGLASS DOOR PANEL**
Doorscapes

FIBERGLASS SKIN: 0.070" MIN. THK.
FOAM CORE: POLYURETHANE -1.9 PCF MIN.



2
2 **VERTICAL CROSS SECTION**

Documents Prepared By:
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P.E. No. 43409

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

RW

PRODUCT: DOORSCAPES
FIBERGLASS DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS &
GLAZING DETAILS

NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
LFS	BY	

DATE: 2/22/24

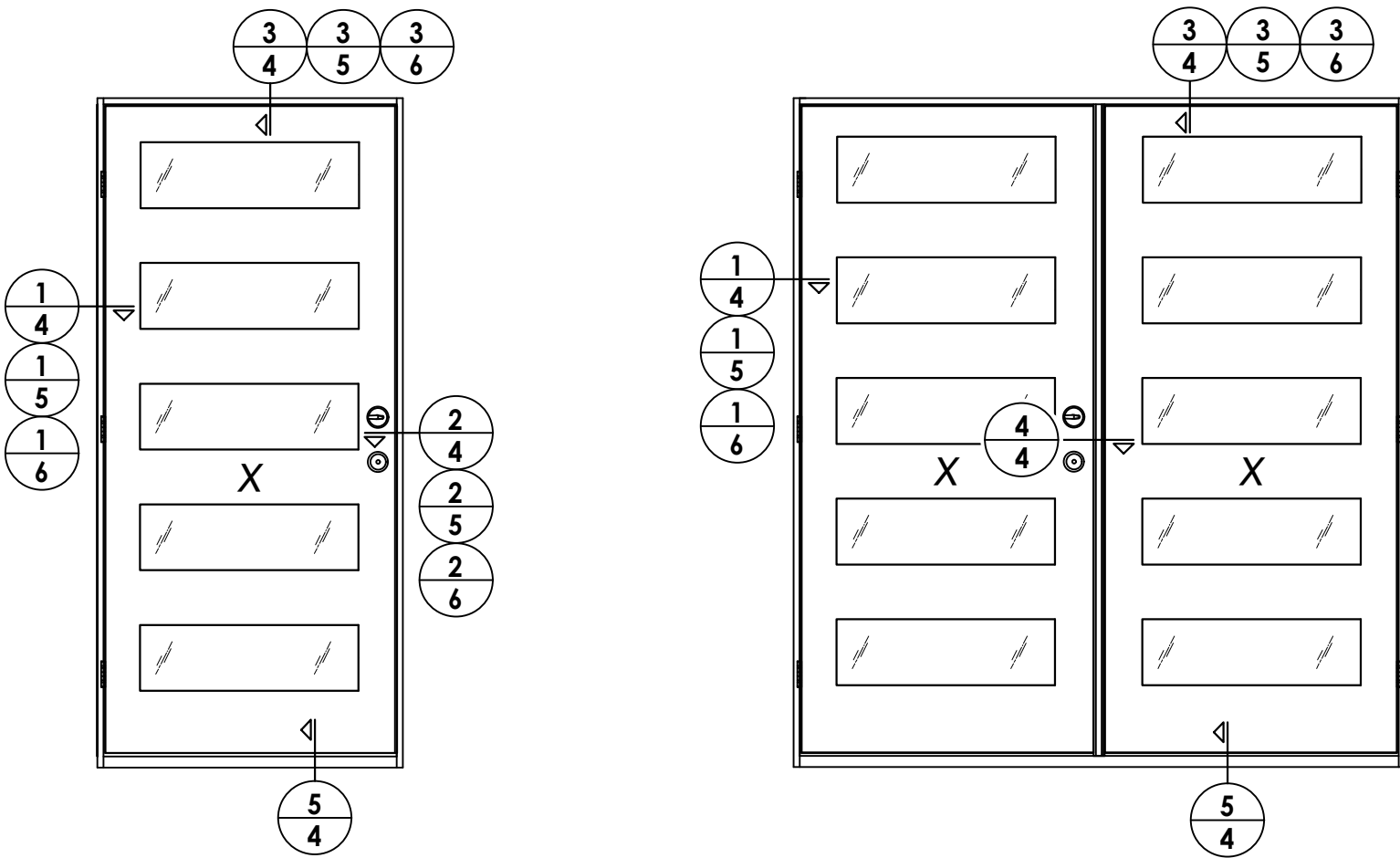
SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-46553.1

SHEET 2 OF 9



Hardware Table		
Manufacturer	Model	
Kwikset	Knob:	Signature Series
	Deadbolt:	Signature Series (980)
Schlage	Knob:	F51
	Deadbolt:	B60

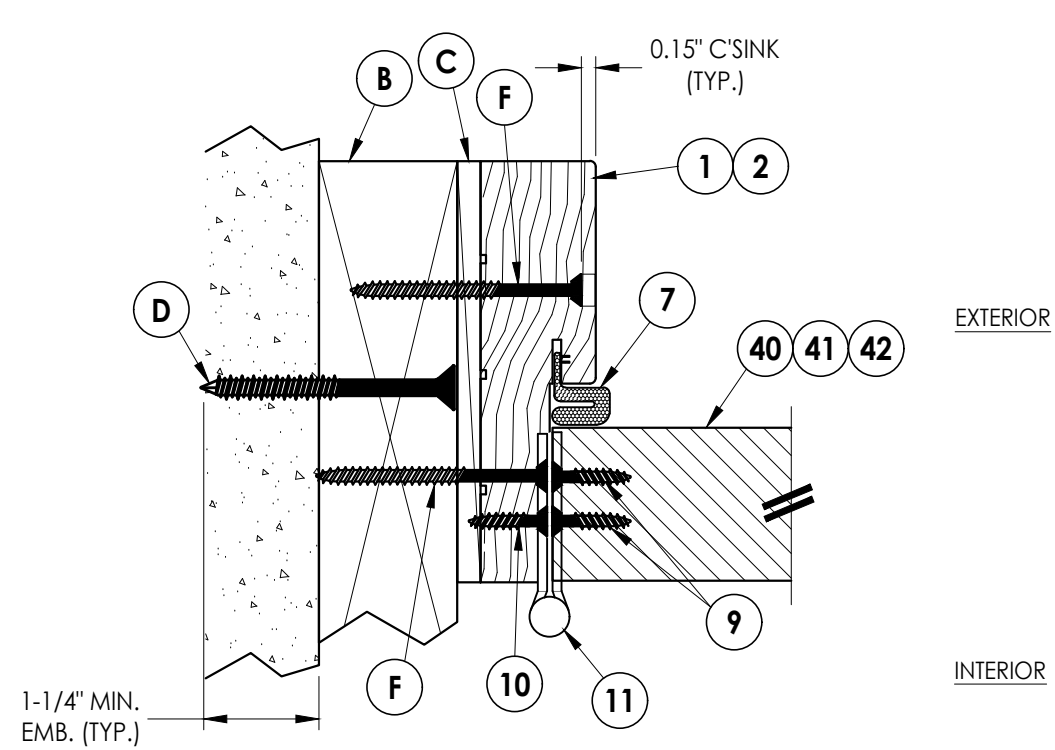
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PRODUCT: DOORSCAPES
FIBERGLASS DOOR

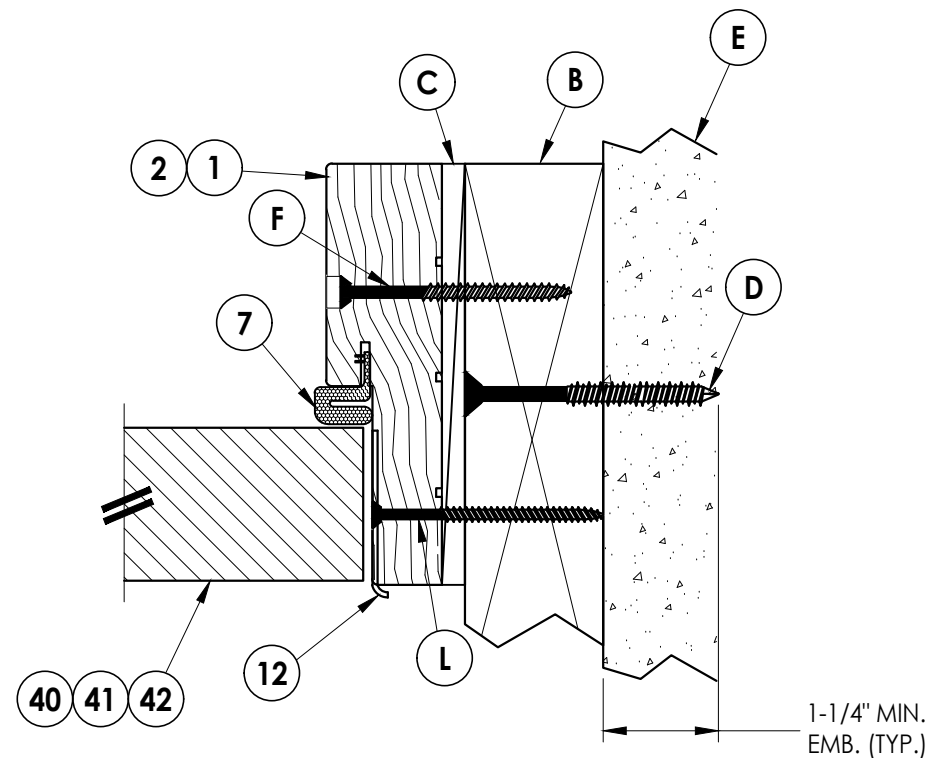
PART OR ASSEMBLY: ELEVATIONS

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

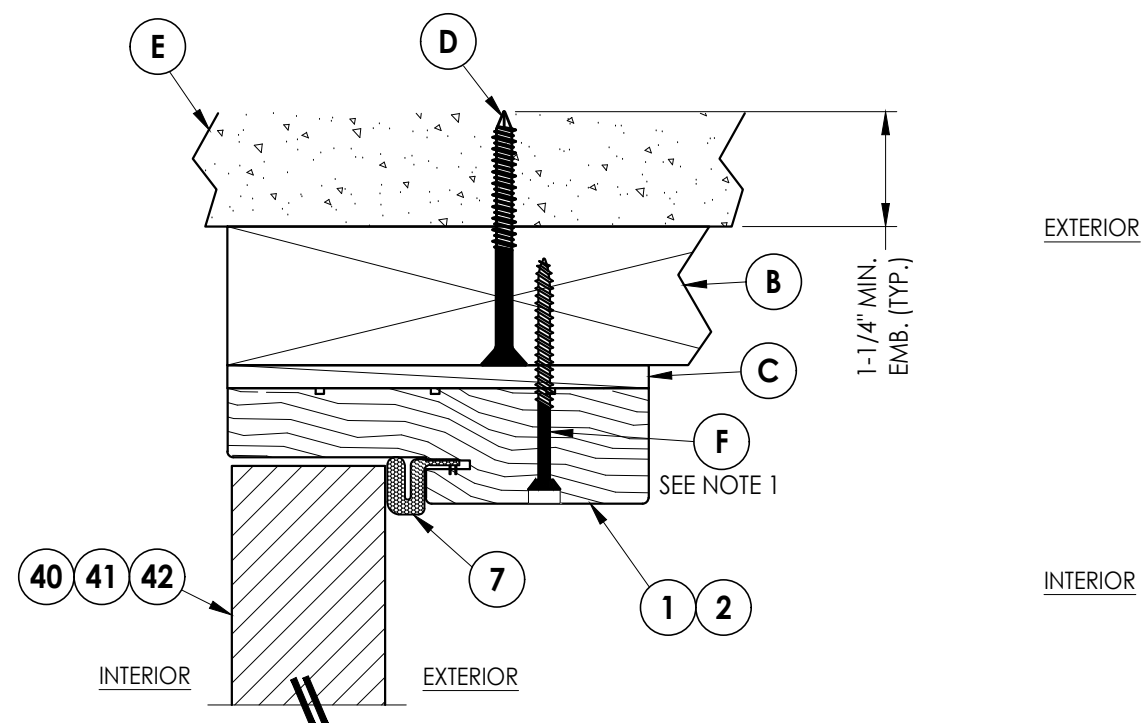
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



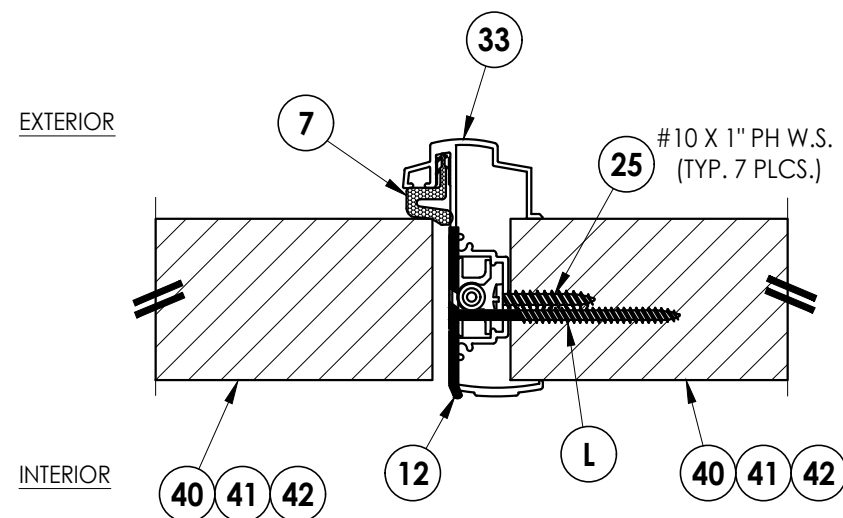
1 **HORIZONTAL CROSS SECTION**
4 Inswing Shown
2X Buck Construction



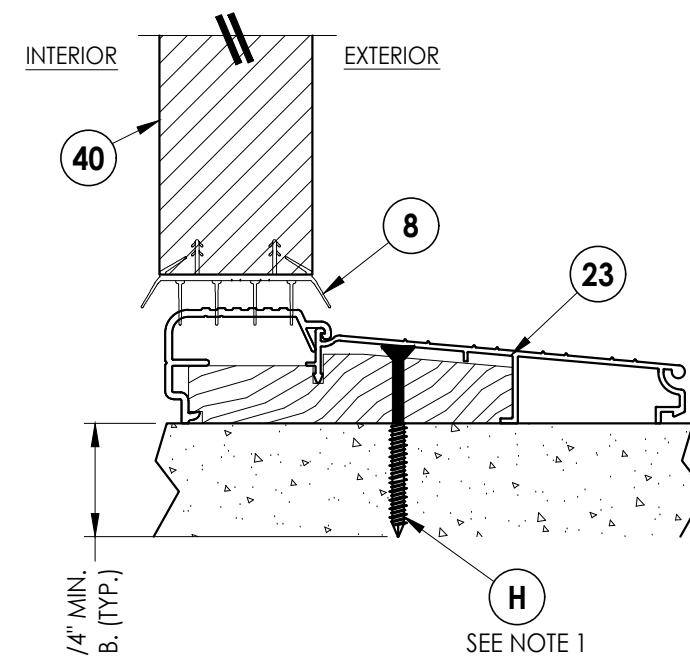
2 **HORIZONTAL CROSS SECTION**
4 Inswing Shown
 2X Buck Construction



3 VERTICAL CROSS SECTION
4 Inswing Shown
 2X Buck Construction



4 **VERTICAL CROSS SECTION**
4 Inswing Shown

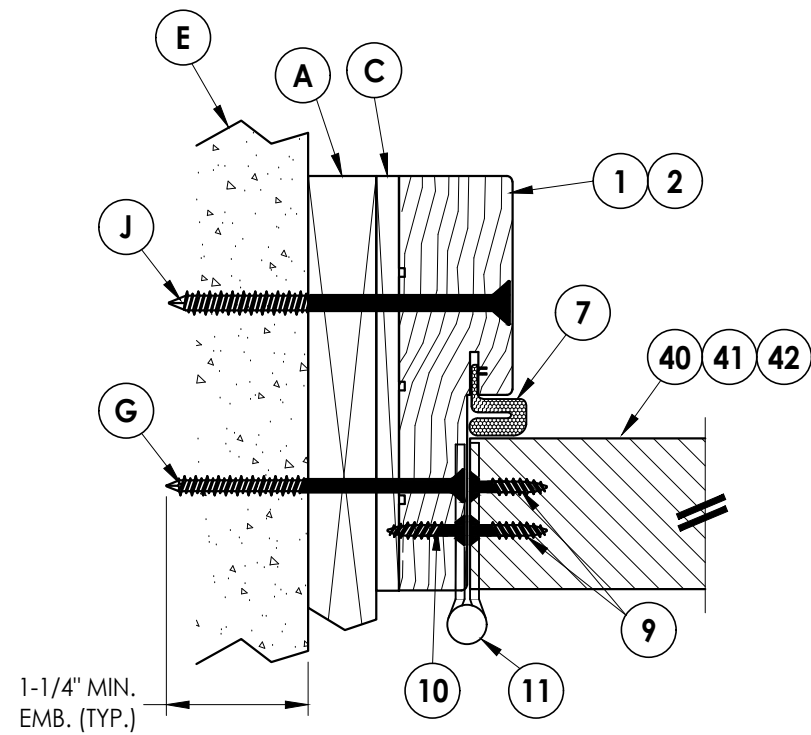


5 VERTICAL CROSS SECTION
4 Inswing sill

NOTE:

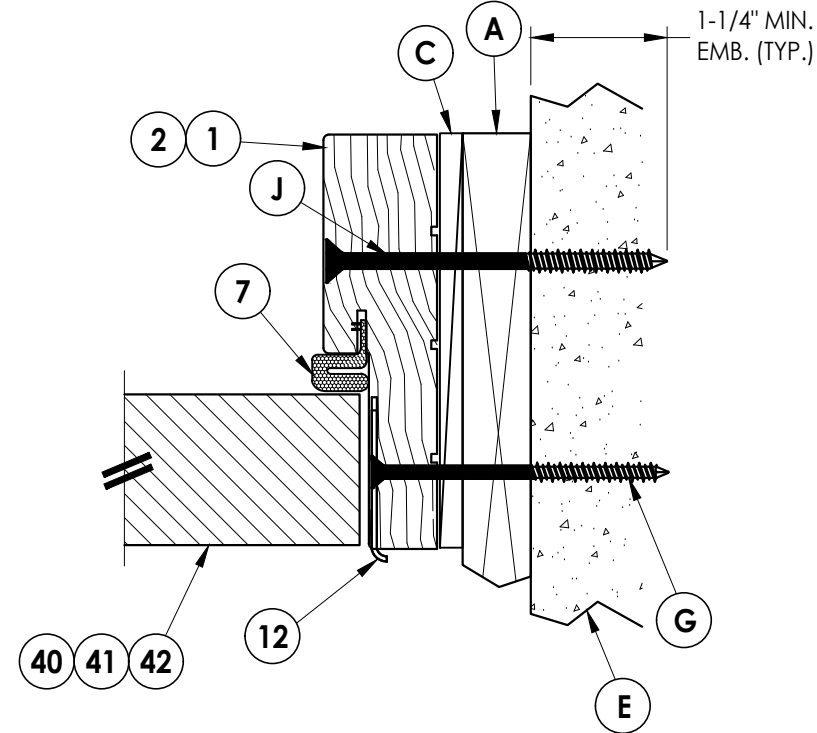
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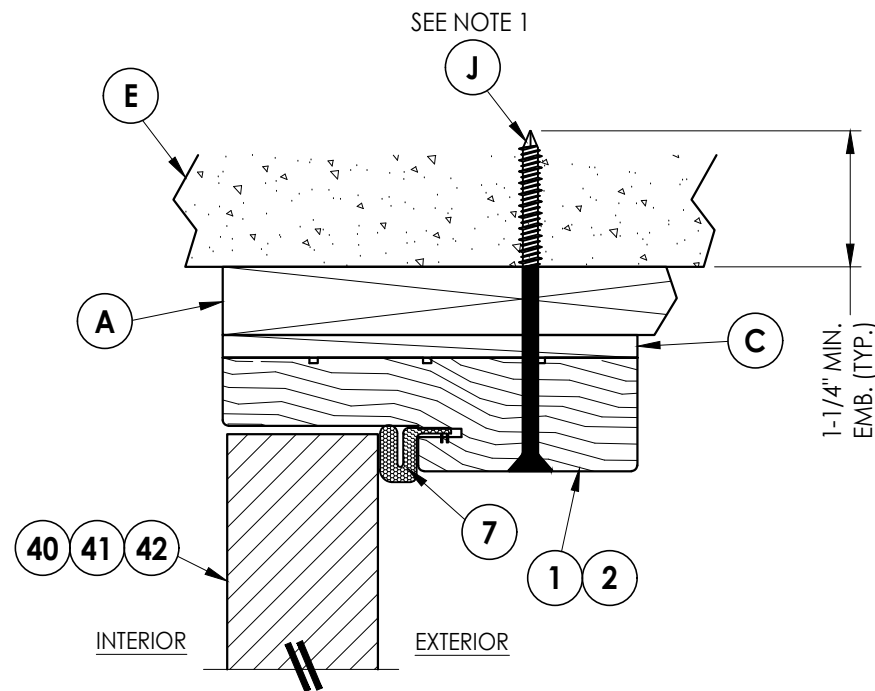


1 HORIZONTAL CROSS SECTION

5 Inswing Shown
1X Buck Construction



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



3 VERTICAL CROSS SECTION
5 Inswing Shown
 1X Buck Construction

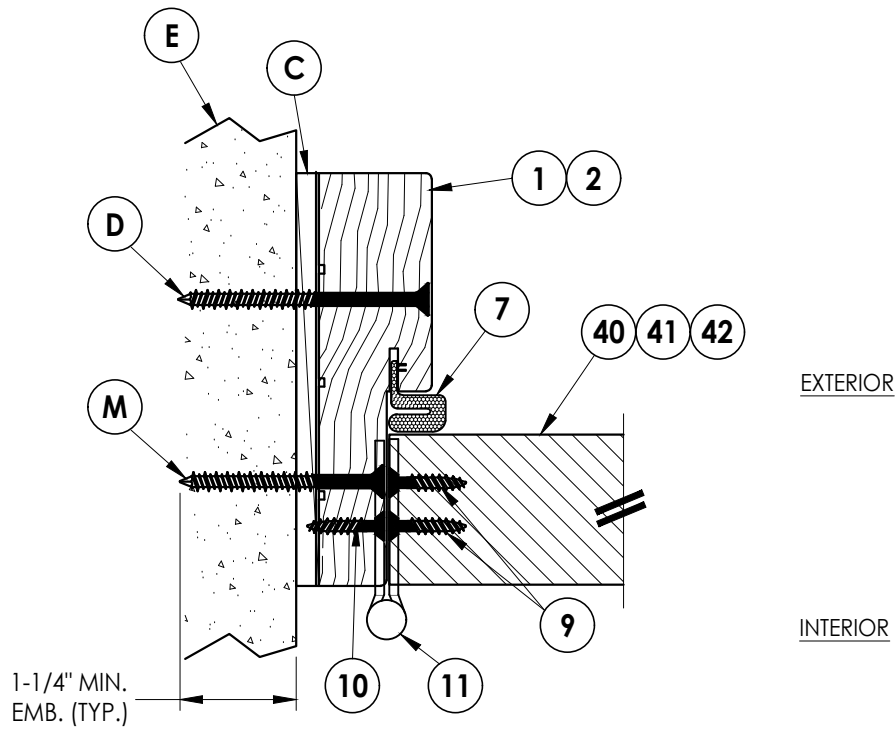
NOTE:

1. Anchor not required on Single (X) door only.

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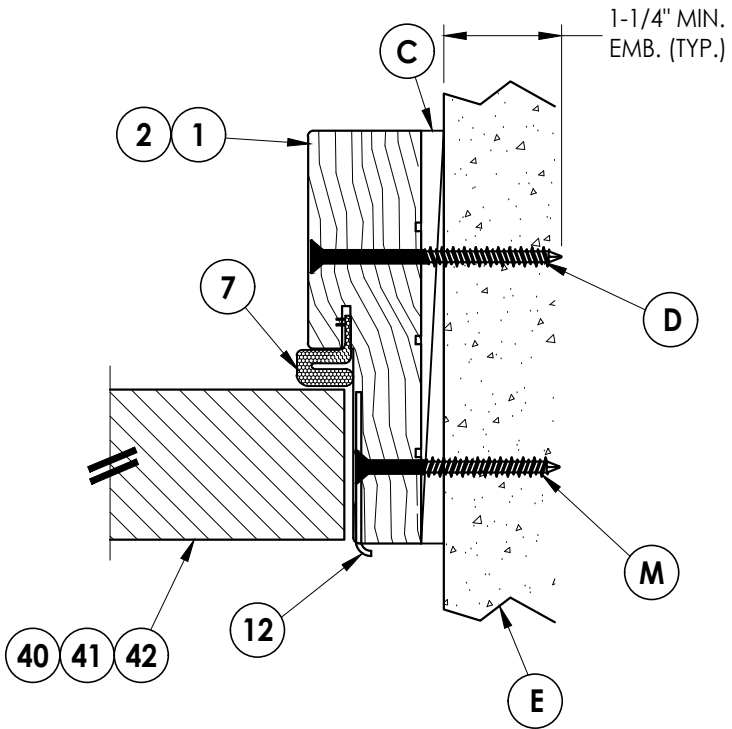
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW
BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
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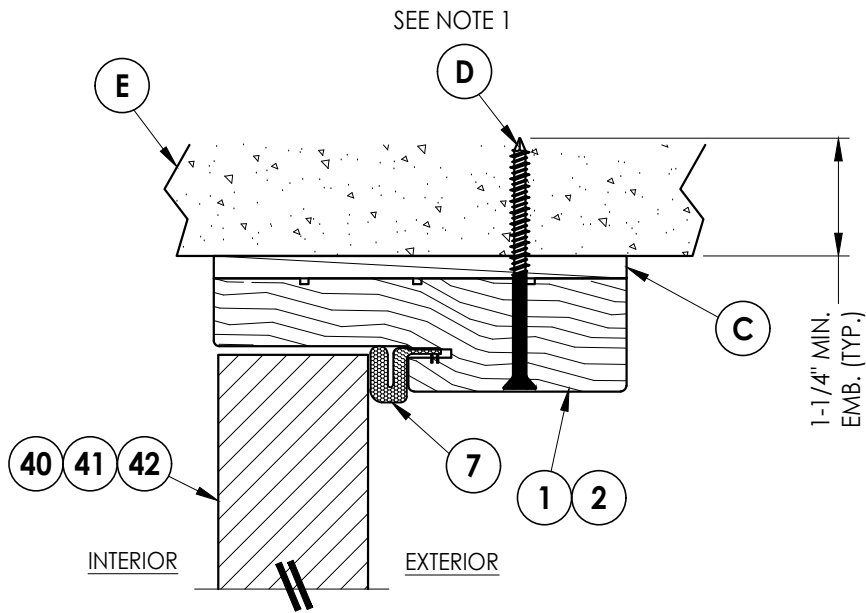
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6 Inswing Shown
Shown Direct to Masonry



2 HORIZONTAL CROSS SECTION

6 Inswing Shown
Shown Direct to Masonry



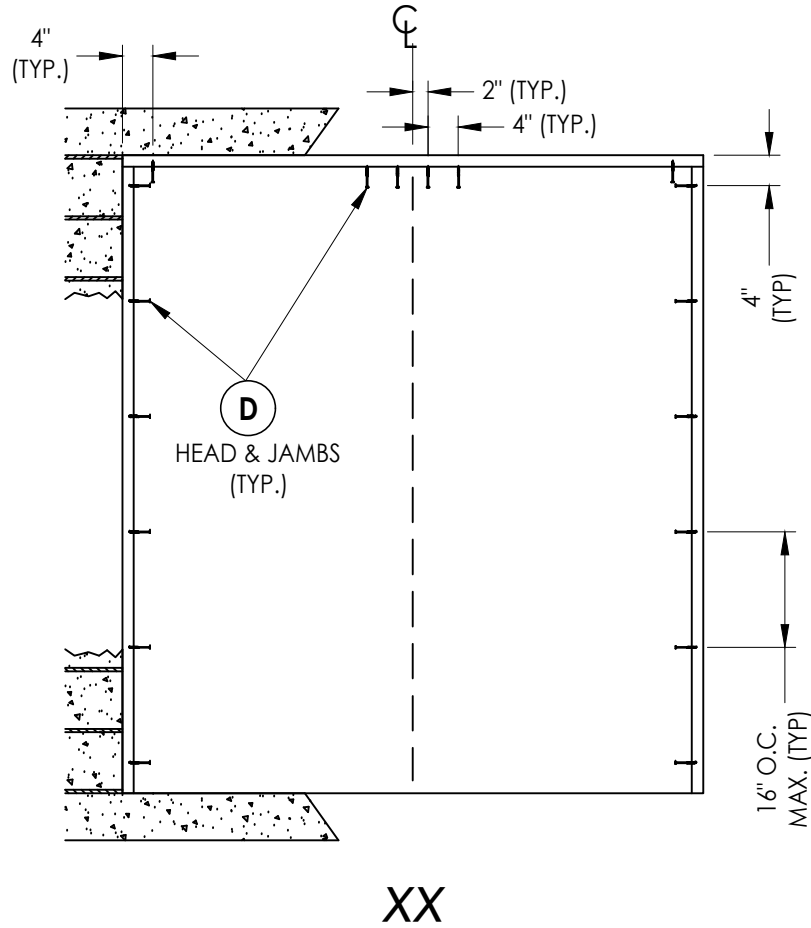
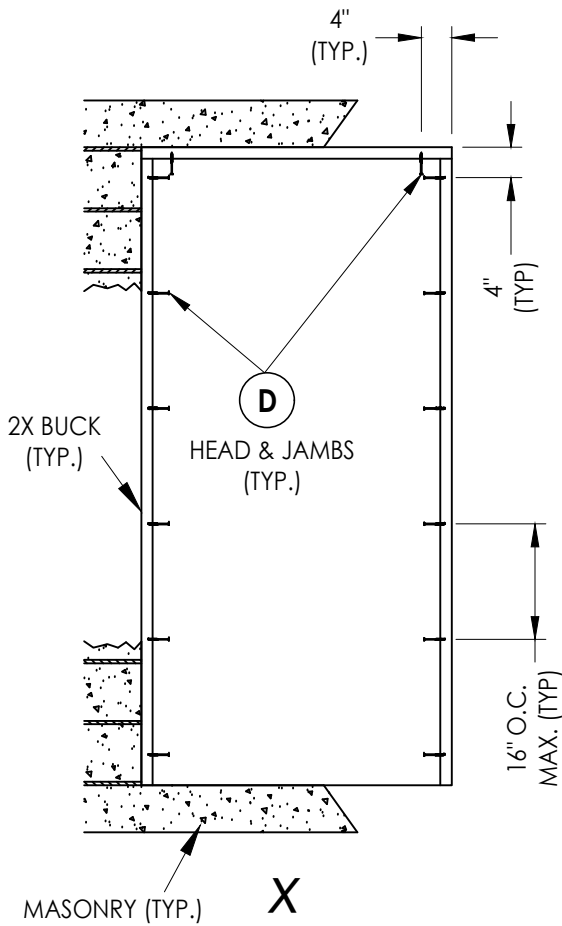
3 VERTICAL CROSS SECTION
6 Inswing Shown
 Shown Direct to Masonry

1. Anchor not required on Single (X) door only.

[illegible]

Documents Prepared By:
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R²W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



2X BUCK ANCHORING

DATE: 2/22/24	
SCALE: N.T.S.	
DWG. BY: LFS	
CHK. BY: RW	
DRAWING NO.: FL-46553.1	
SHEET 7	OF 9

NO.	DATE	UPDATE TO	9TH ED. (2026)	FBC	REVISIONS	
					LFS	BY
1	7/01/26	UPDATE TO	9TH ED.	(2026)	FBC	

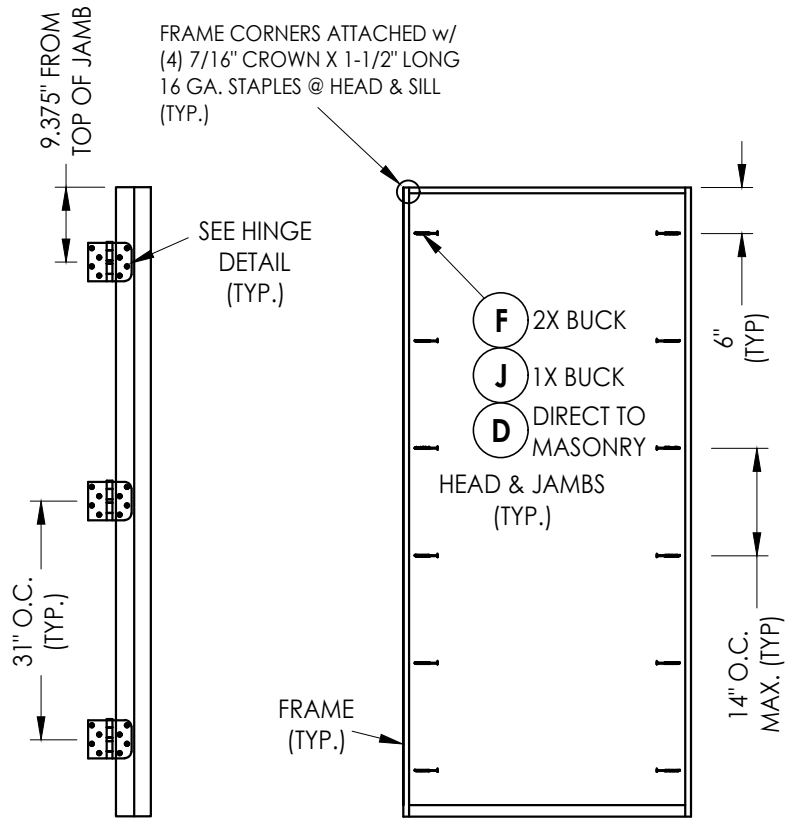
PRODUCT:	DOORSCAPES
	FIBERGLASS DOOR
PART OR ASSEMBLY:	BUCK ANCHORING

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

RW

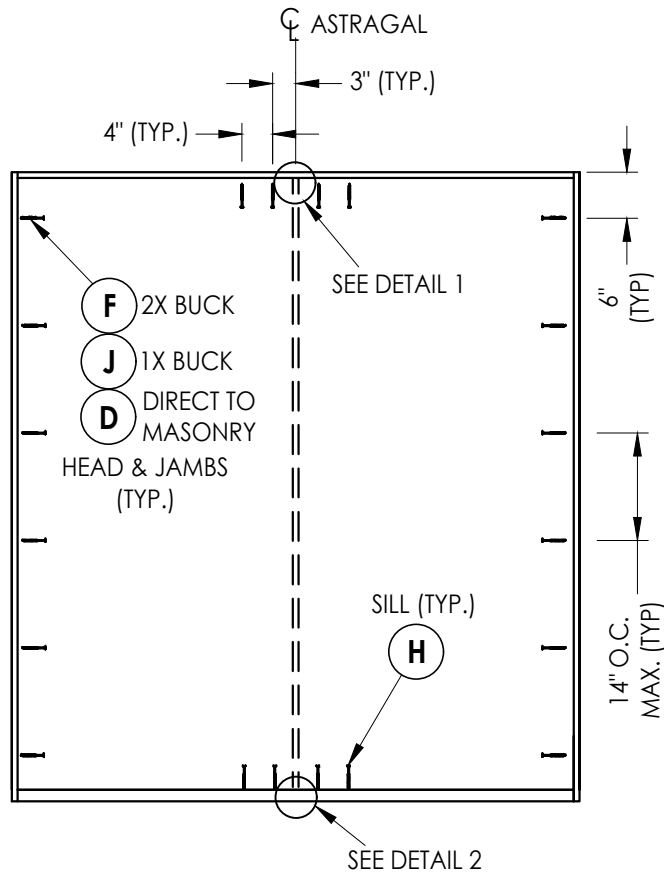
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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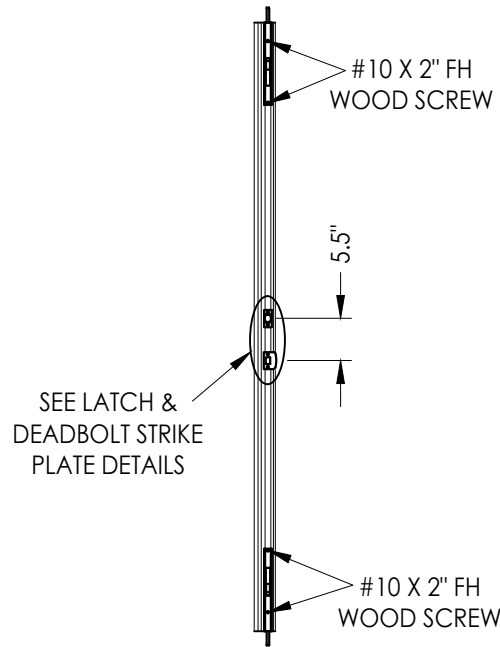


HINGE JAMB

X

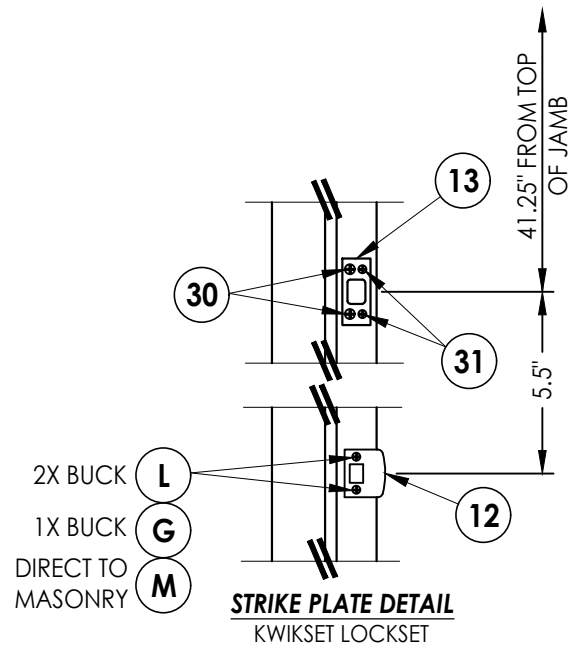
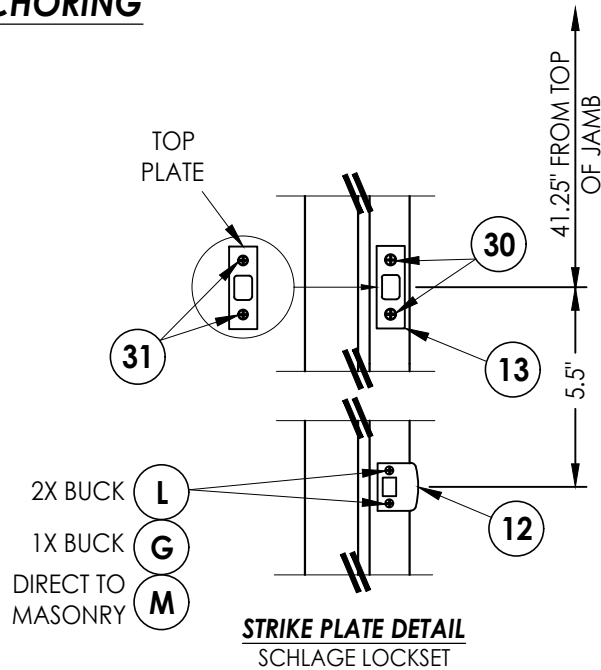
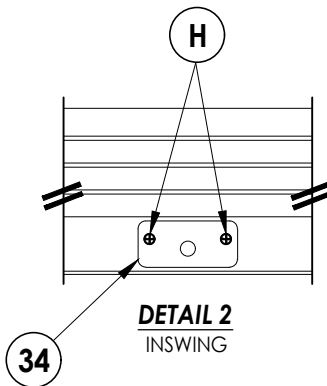
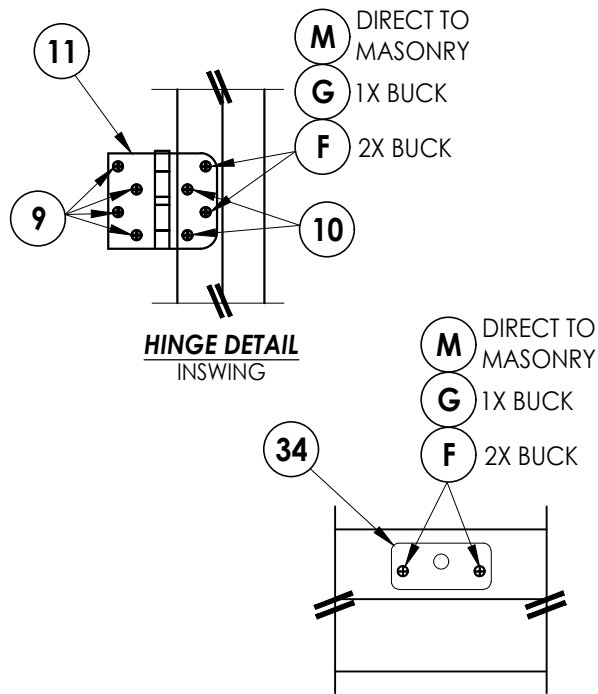


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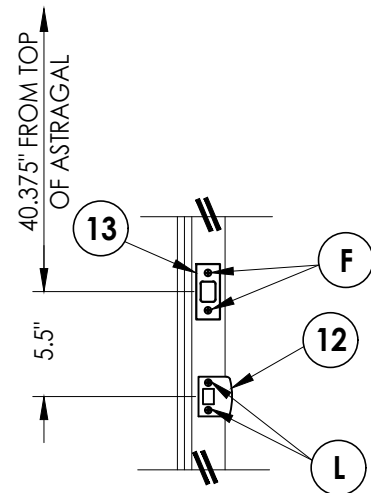
ASTRAGAL

FRAME ANCHORING



LATCH & DEADBOLT STRIKE PLATE DETAILS SINGLE DOOR

HARDWARE DETAILS



LATCH & DEADBOLT STRIKE PLATE DETAILS DOUBLE DOOR

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

PRODUCT:
DOORSCAPES
FIBERGLASS DOOR

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

RW

PART OR ASSEMBLY:
BUCK ANCHORING

NO.	DATE	REVISIONS
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC
		LFS
		BY

DATE: 2/22/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-46553.1

SHEET 8 OF 9

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
L	#8 X 2-1/2" PFH WOOD SCREW	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
1	FINGER JOINT PINE JAMB (G >= 0.42)	WOOD
2	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	DOOR 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
23	INSWING THRESHOLD (AFCO A-280)	ALUM/WOOD
25	#10 X 1" PH SMS	STEEL
30	#12 X 2-1/2" PFH WOOD SCREW	STEEL
31	#8 X 1/2" PFH WOOD SCREW	STEEL
33	ALUMINUM ASTRAGAL (AFCO)	ALUM
34	ASTRAGAL STRIKE PLATE	STEEL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-

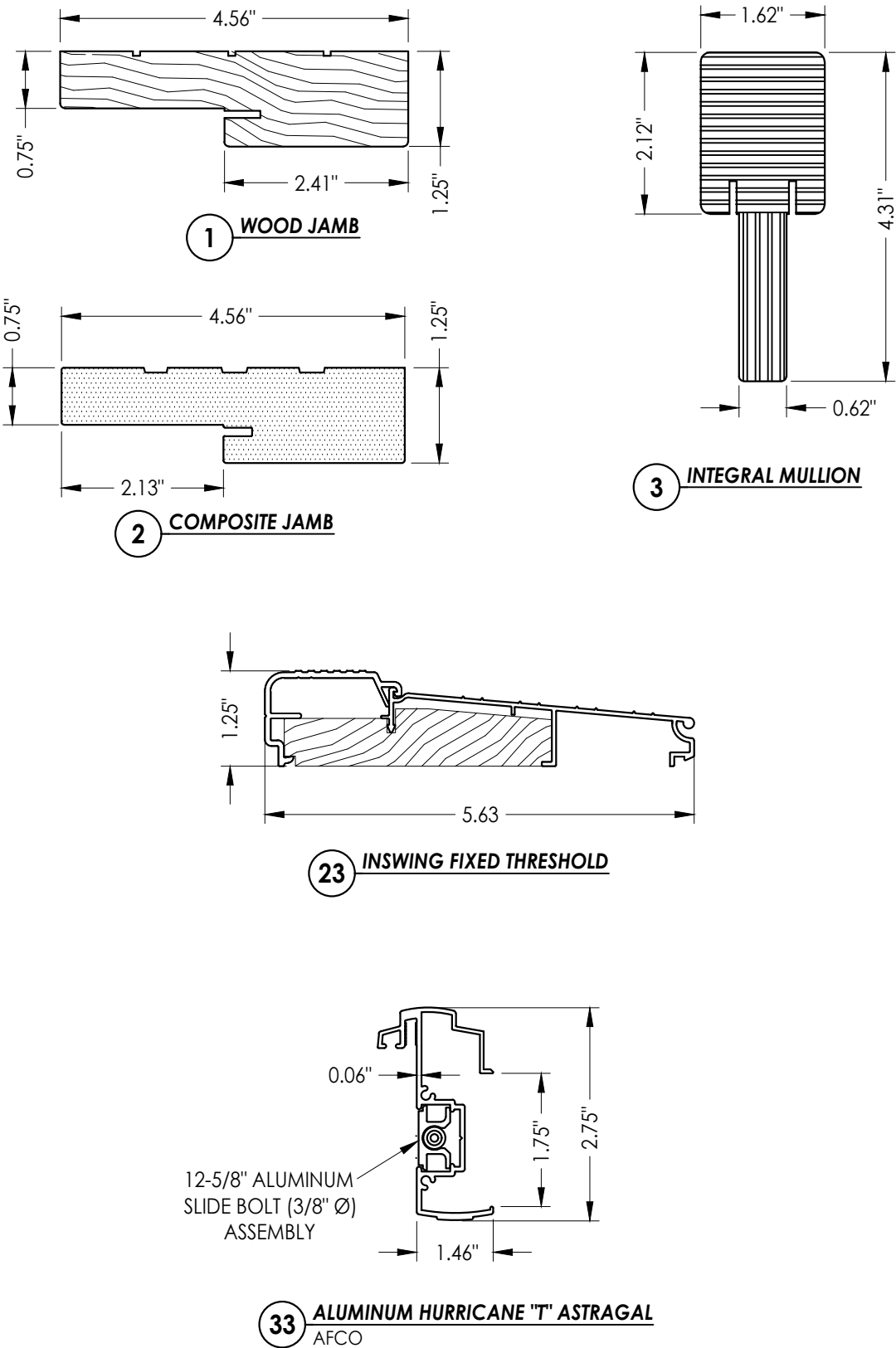
CONCRETE ANCHOR NOTES:

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.

[illegible]