

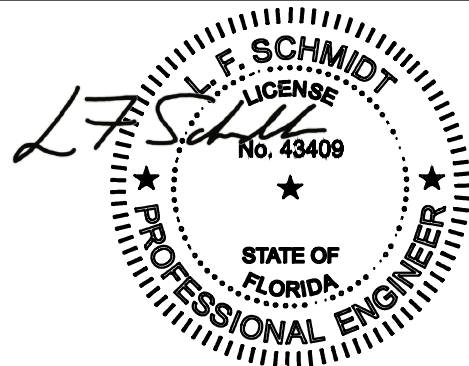


OPAQUE or GLAZED WOOD ENTRY DOOR
SINGLE w/ or w/out SIDELITE(S)
INSWING
"IMPACT"

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 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.
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.

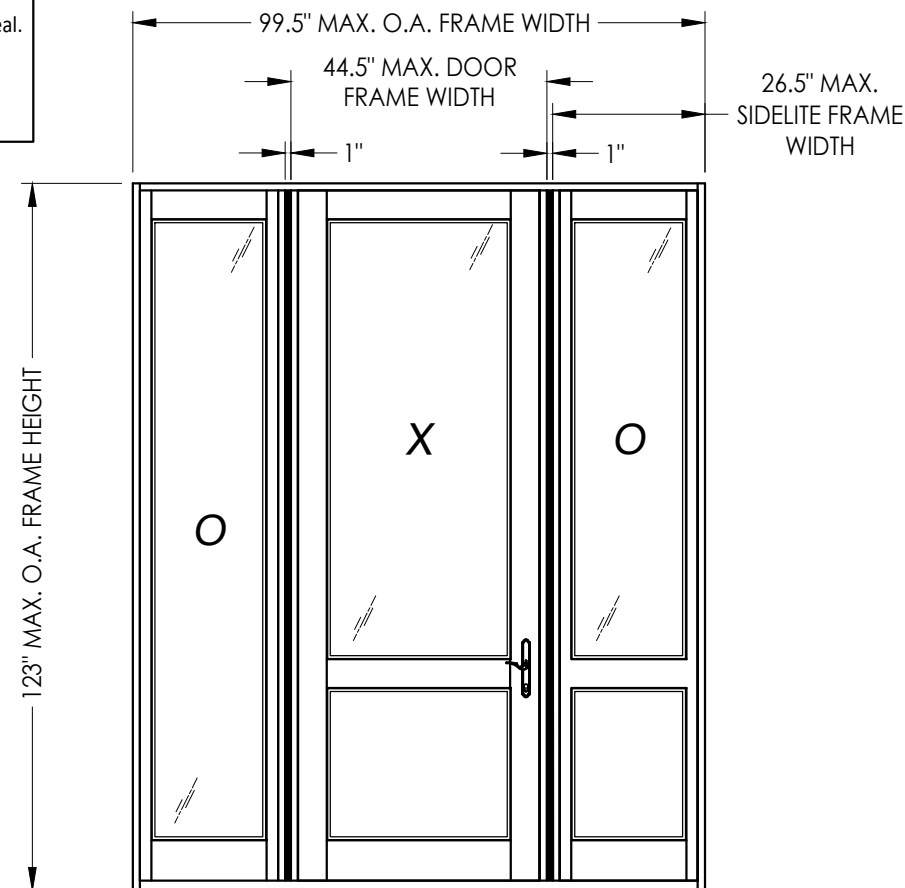
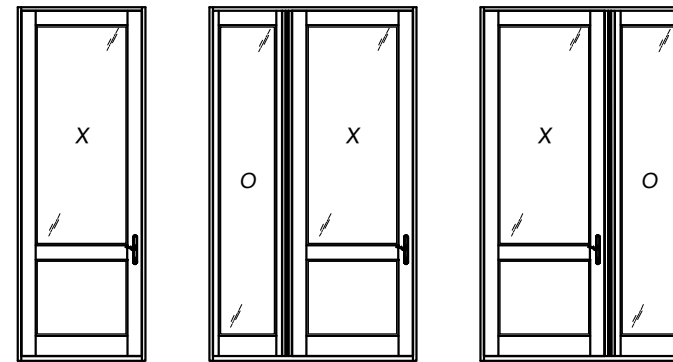
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details
3	Sidelite Panel Details
4	Elevations
5	Horizontal & Vertical Cross Sections (2X Buck)
6	Horizontal & Vertical Cross Sections (1X Buck)
7	Horizontal & Vertical Cross Sections (Direct to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



Digitally signed by Lyndon F Schmidt
Date: 2026.07.20 11:07:55 -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



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
X	44.5" x 123.0"	+60.0	-65.0
XO, OX	72.0" x 123.0"	+60.0	-65.0
OXO	99.5" x 123.0"	+60.0	-65.0

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

UPSTATE DOOR
WOOD DOOR

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

DATE: 3/05/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-46620.1

SHEET 1 OF 11

REVISIONS

1 7/01/26 UPDATE TO 9TH ED. (2026) FBC

NO. DATE

BY

LFS

BY

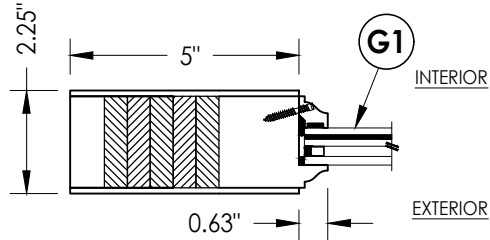
BUILDING CONSULTANTS, INC.

P.O. Box 230, Valrico, FL 33595

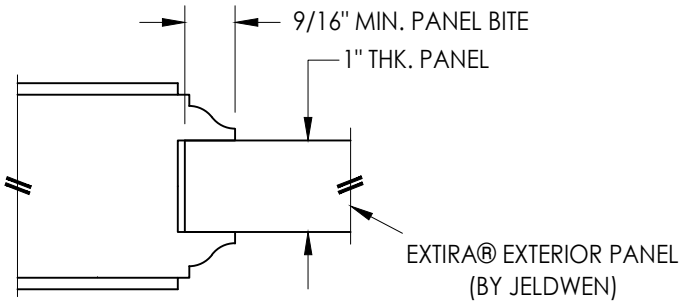
Phone No.: 813.659.9197

FBPE Registry No. 9813

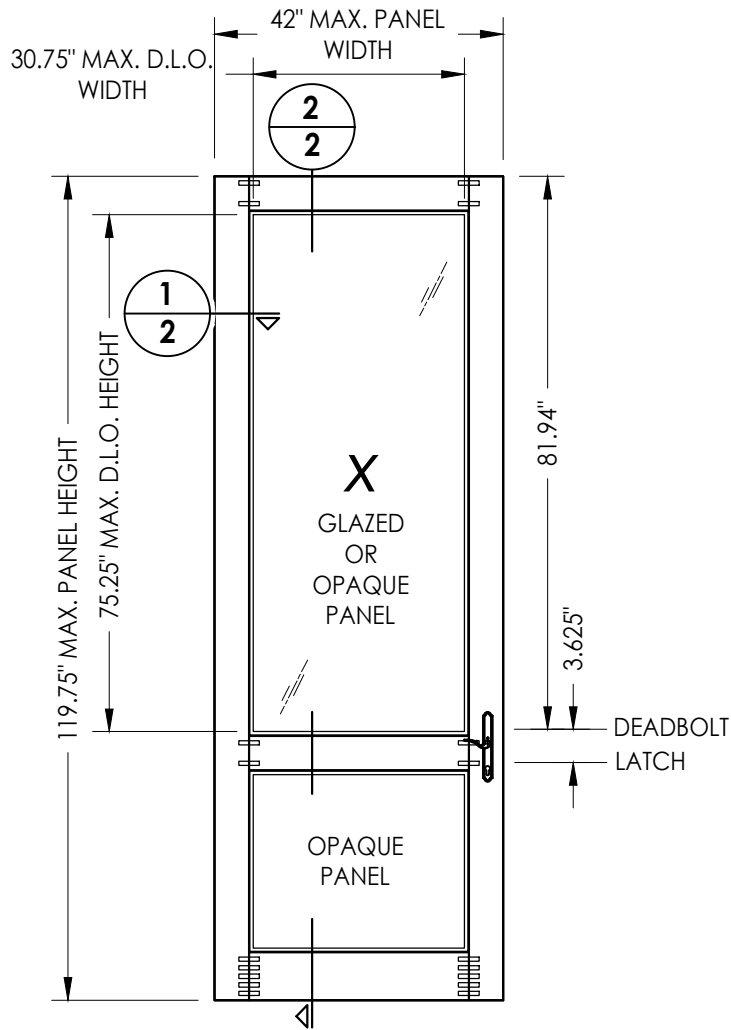
Z:\2023 FBC Drawings\Upstate Door\FL-46620\FL-46620.1.dwg



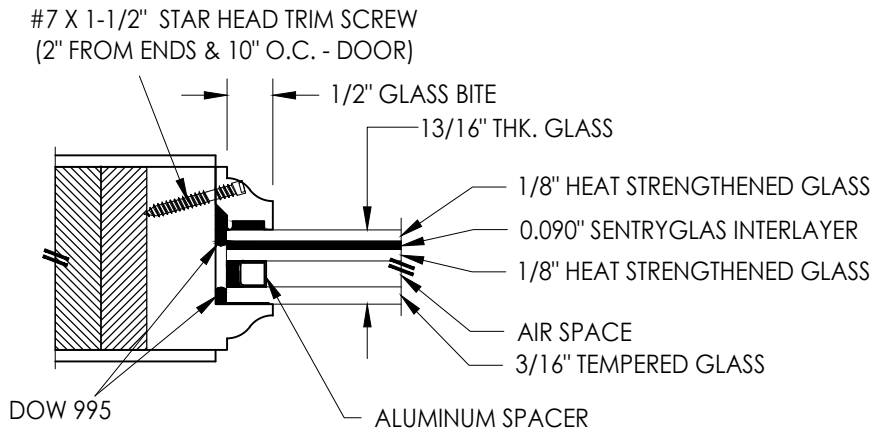
1
2 **HORIZONTAL CROSS SECTION**



P1 **WOOD PANEL DETAIL**

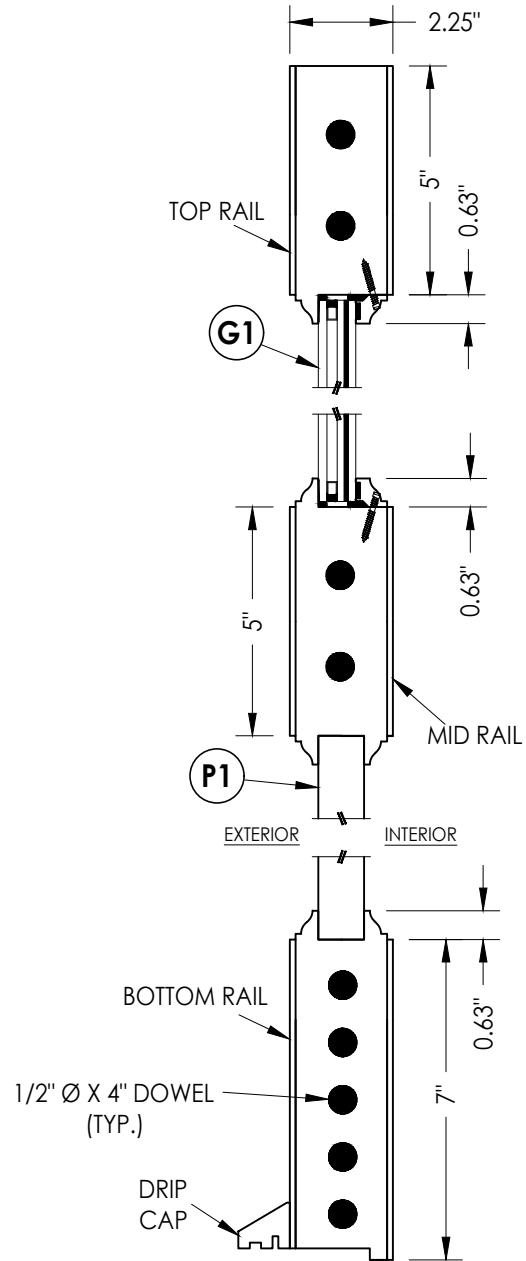


40 **3/4 GLAZED OR OPAQUE DOOR PANEL**
UPSTATE DOOR



G1 **GLAZING DETAIL**

HARDWARE TABLE	
MANUFACTURER	MODEL
GU	MULTIPOINT LOCK: TONGUE/SHOOTBOLT



2
2 **VERTICAL CROSS SECTION**

WOOD PANEL COMPONENTS:
AFRICAN MAHOGANY: (G = 0.50)

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

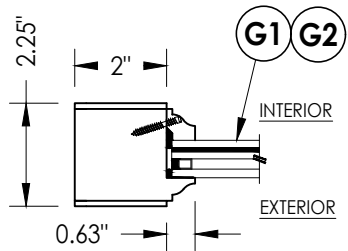
RW

PRODUCT:	
UPSTATE DOOR	WOOD DOOR
PART OR ASSEMBLY:	
DOOR	PANEL DETAILS

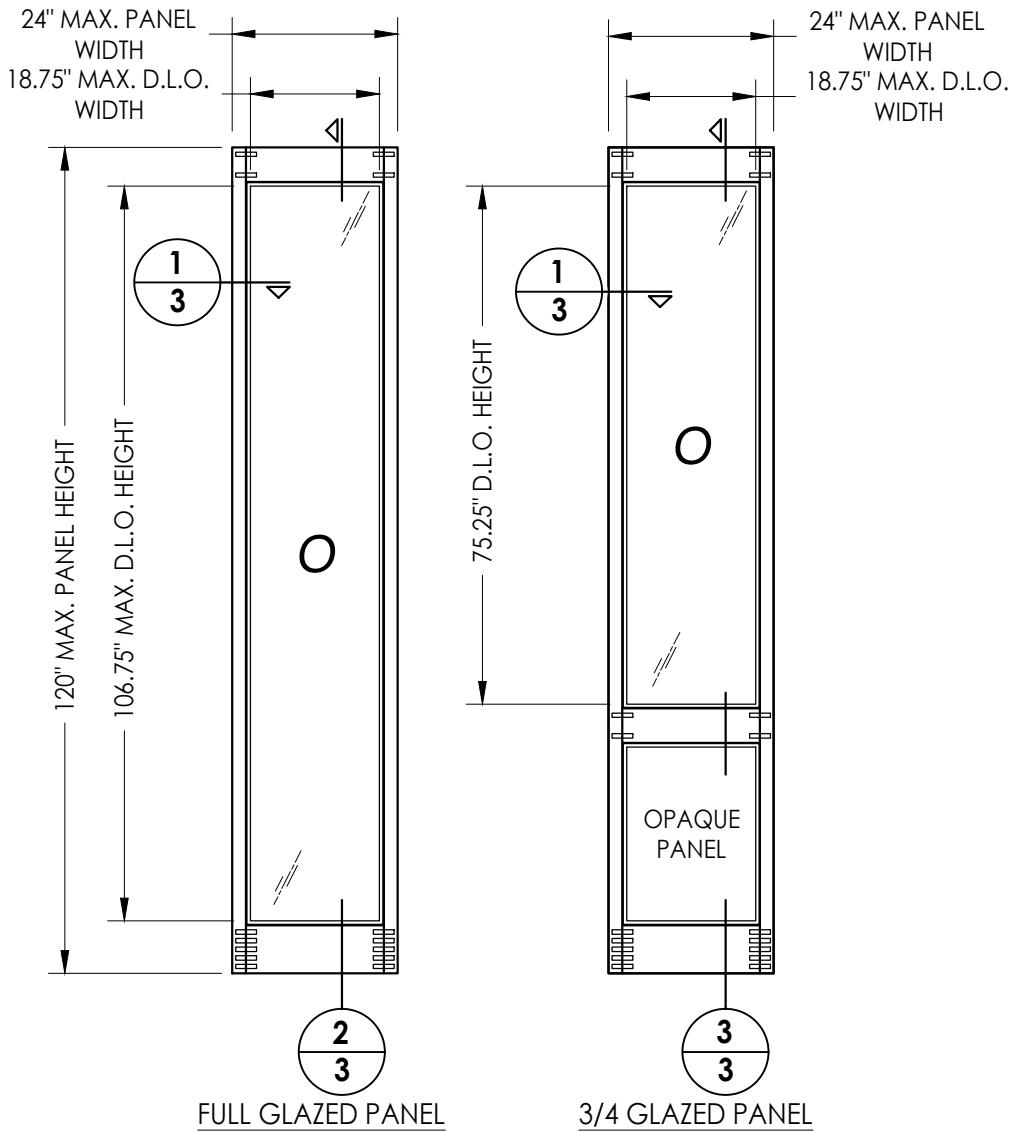
REVISIONS	
NO.	DATE
1	7/01/26
UPDATE TO 9TH ED. (2026) FBC	
LFS	BY

DATE:	3/05/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46620.1
SHEET	2 OF 11

Z:\2023 FBC Drawings\Upstate Door\FL-46620\FL-46620.1.dwg



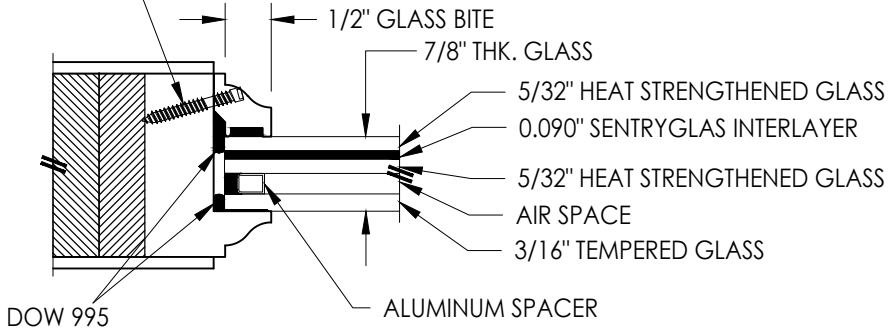
1
3 HORIZONTAL CROSS SECTION



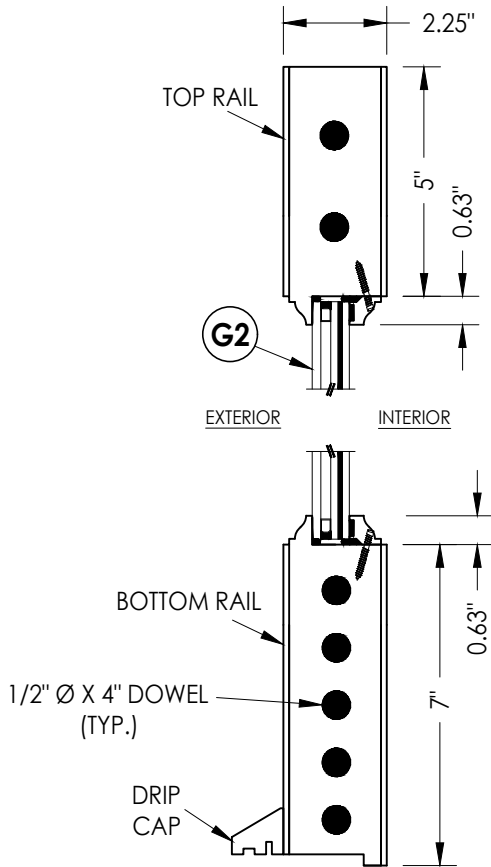
50 SIDELITE PANELS
UPSTATE DOOR

WOOD PANEL COMPONENTS:
AFRICAN MAHOGANY: (G = 0.50)

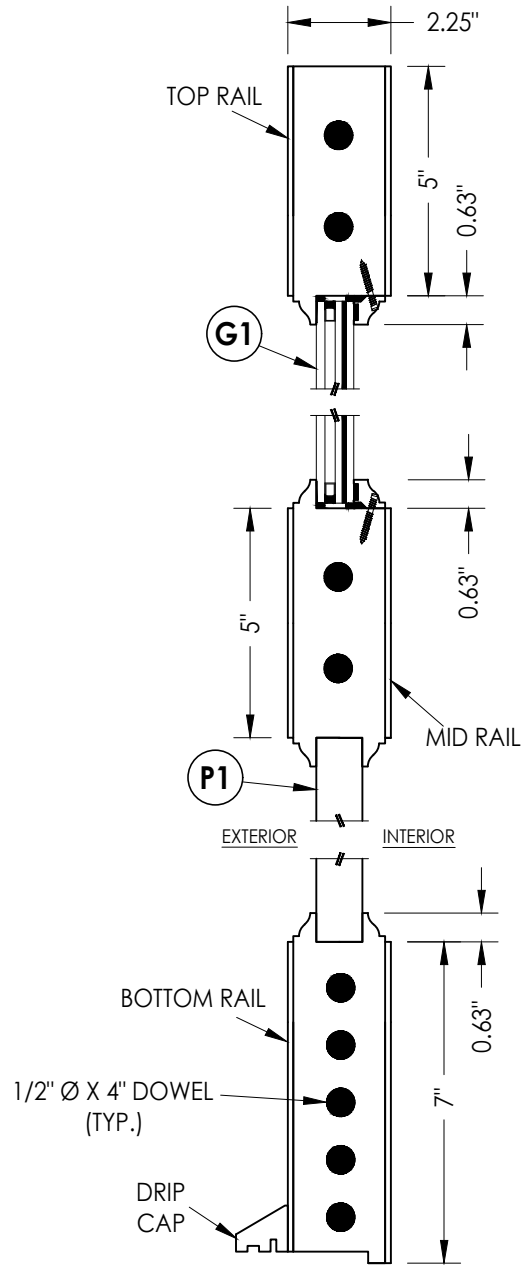
#7 X 1-1/2" STAR HEAD TRIM SCREW
(2" FROM ENDS & 10" O.C. - SIDELITE)



G2 GLAZING DETAIL



2
3 VERTICAL CROSS SECTION



3
3 VERTICAL CROSS SECTION

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

RW

PRODUCT: UPSTATE DOOR
WOOD DOOR
PART OR ASSEMBLY:
SIDELITE PANEL DETAILS

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

DATE: 3/05/24

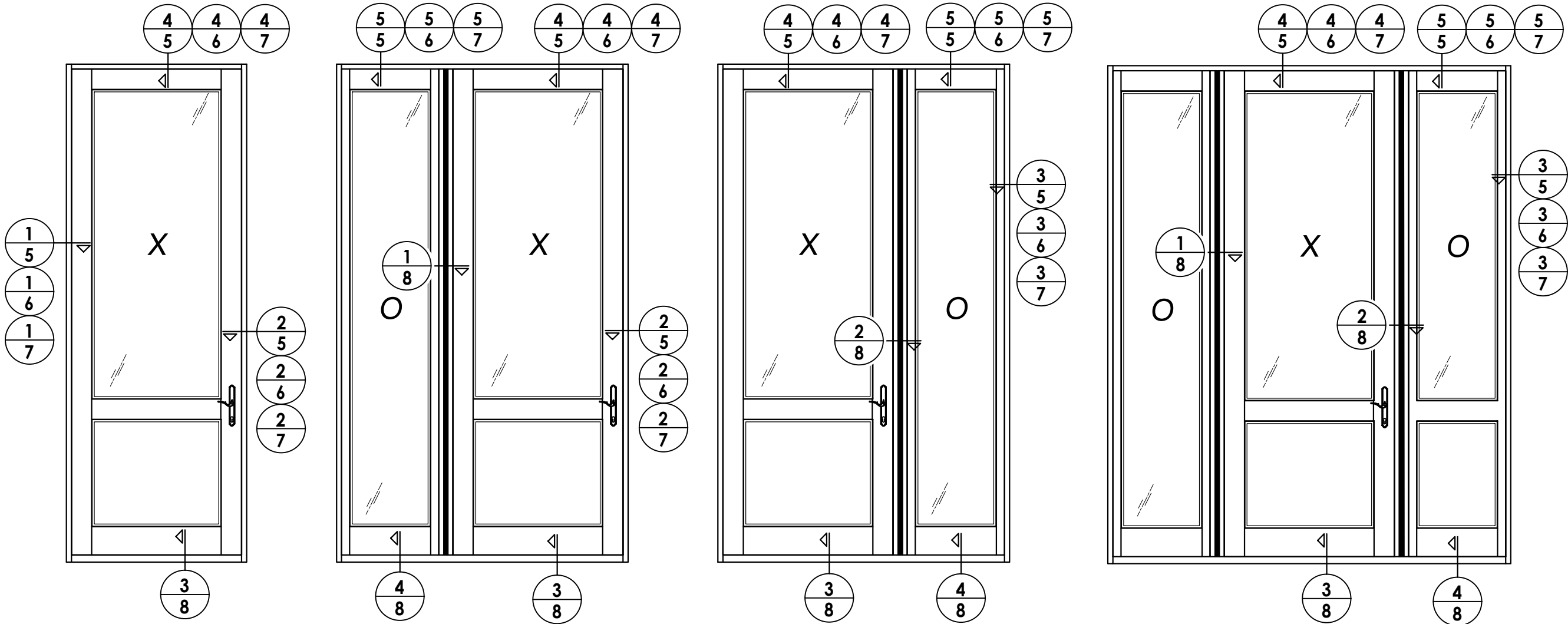
SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-46620.1

SHEET 3 OF 11



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

DATE: 3/05/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-46620.1

SHEET 4 OF 11

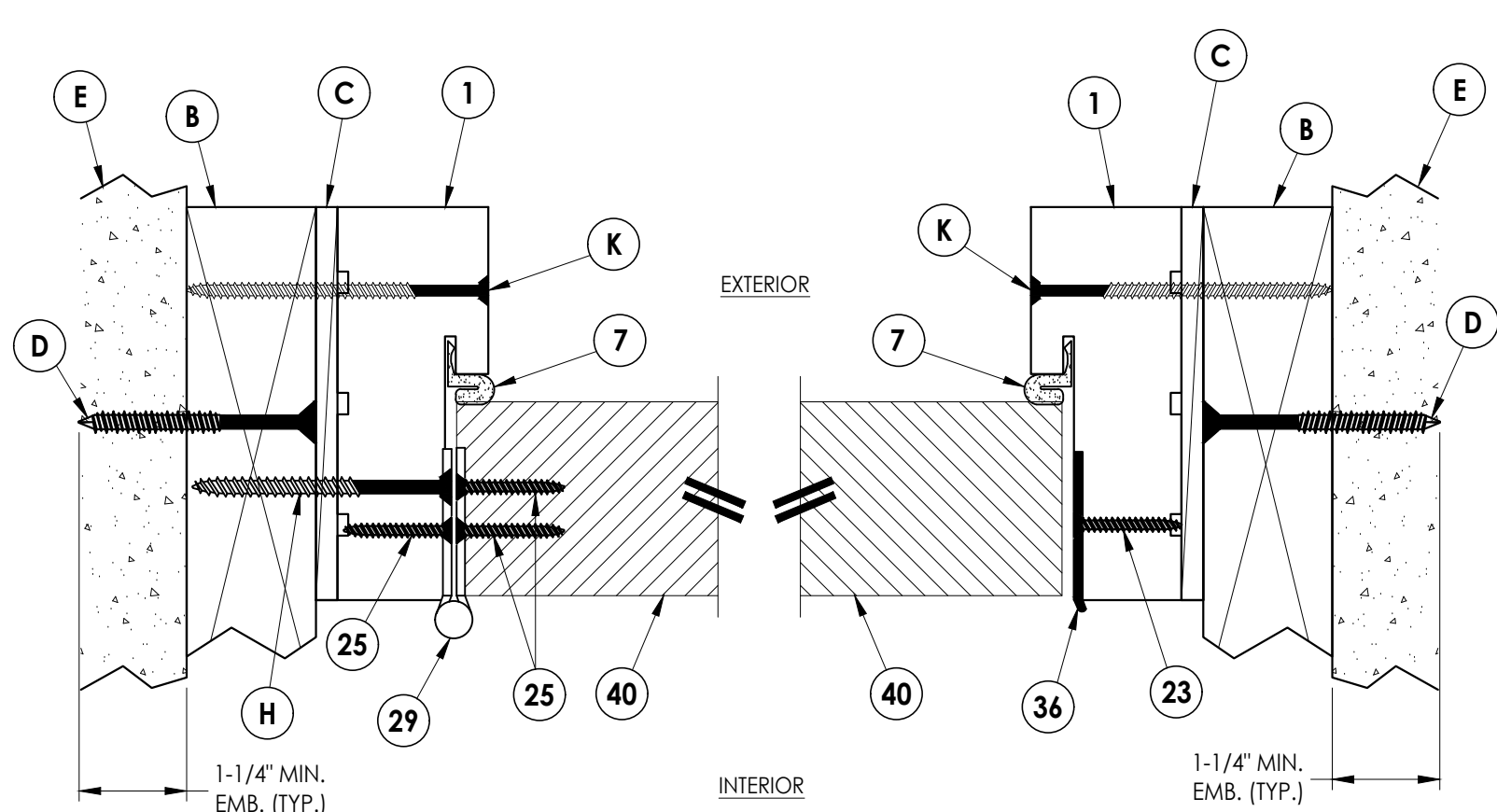
PRODUCT:	UPSTATE DOOR WOOD DOOR
PART OR ASSEMBLY:	ELEVATIONS

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

RW

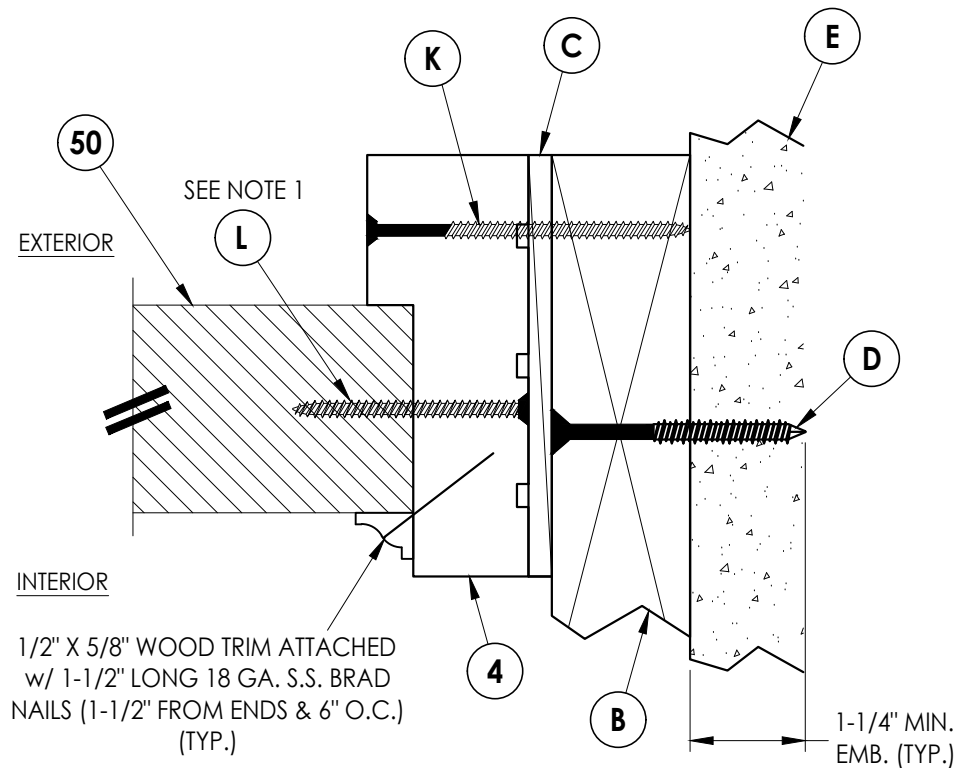
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Upstate Door\FL-46620\FL-46620.1.dwg

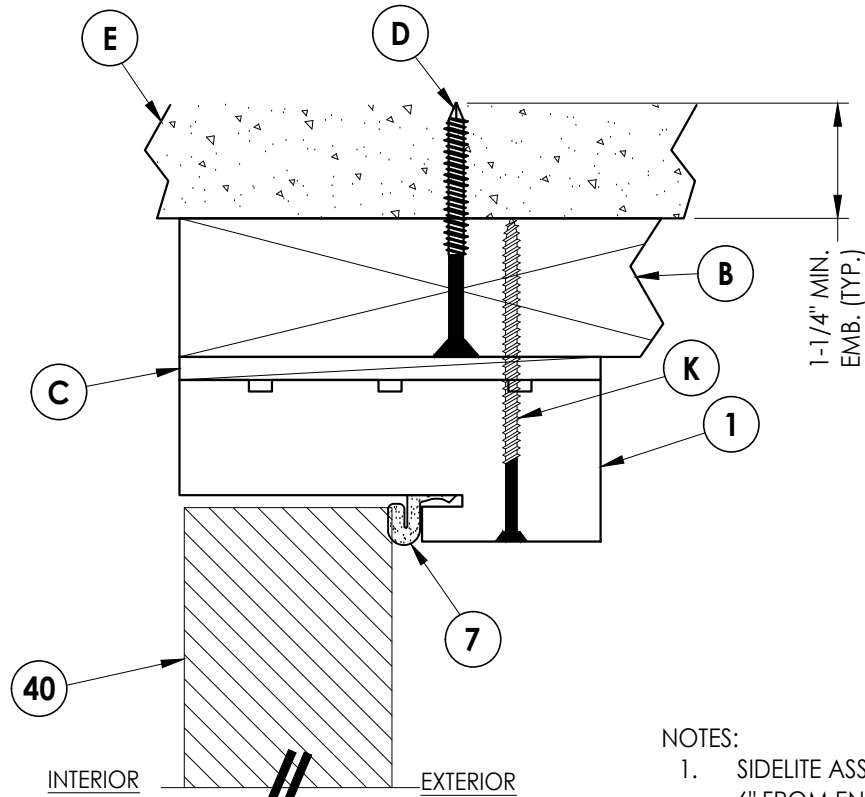


1
5 **HORIZONTAL CROSS SECTION**
2X Buck Construction

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

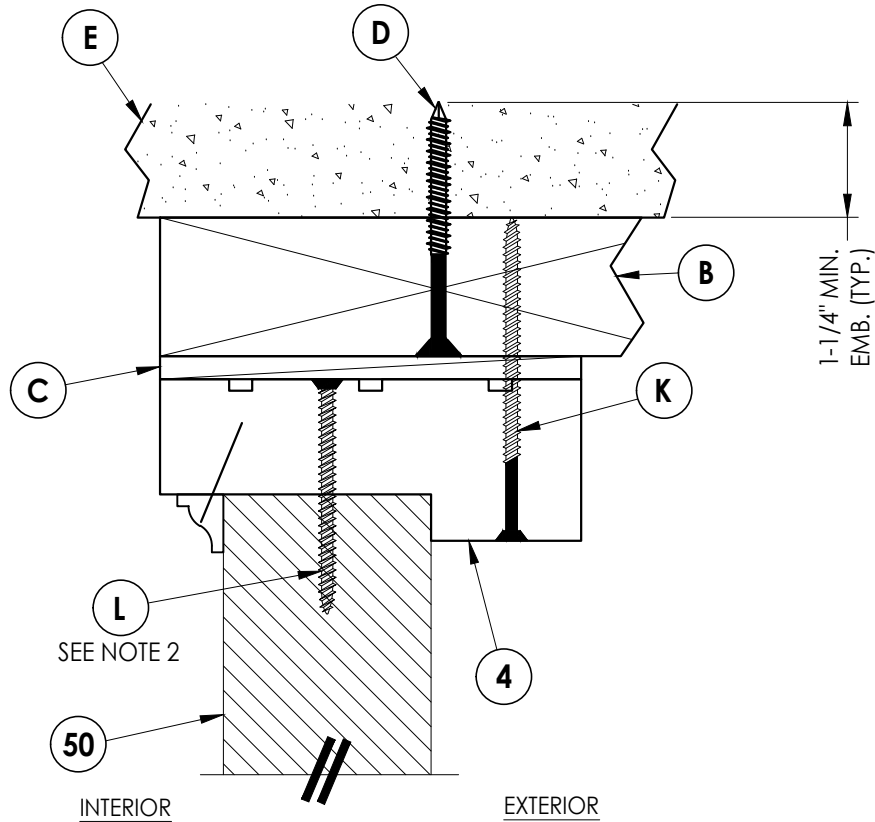


3
5 **HORIZONTAL CROSS SECTION**
2X Buck Construction



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

- NOTES:
- SIDELITE ASSEMBLY SCREWS LOCATED 6" FROM ENDS & 12" O.C. (10 TOTAL).
 - SIDELITE ASSEMBLY SCREWS LOCATED 6" FROM ENDS (2 TOTAL).



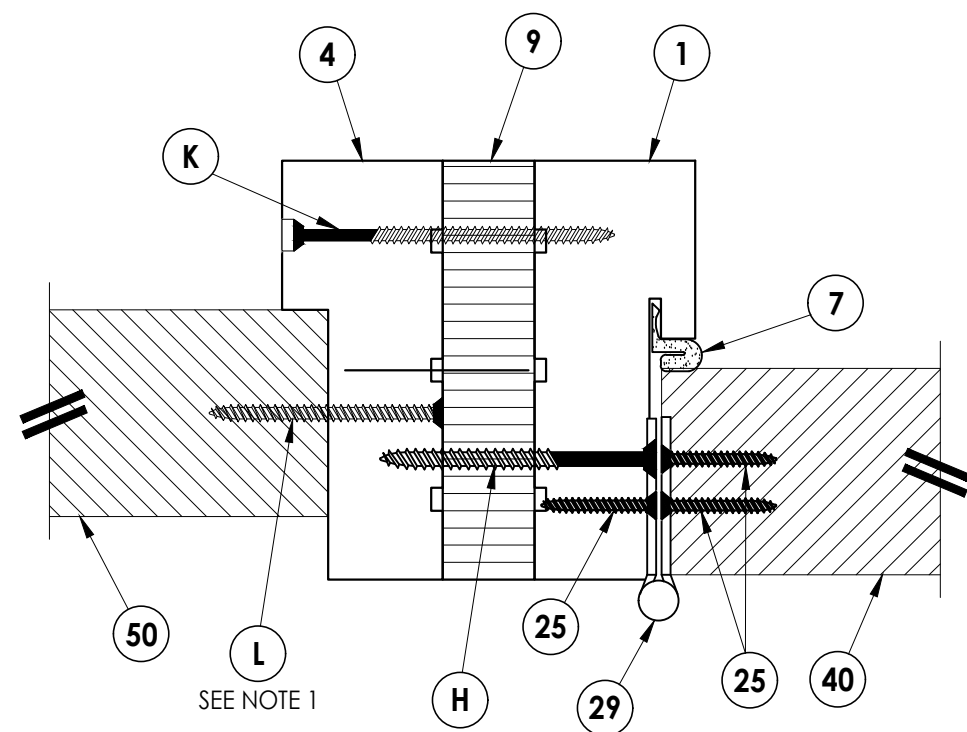
5
5 **VERTICAL CROSS SECTION**
2X Buck Construction

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

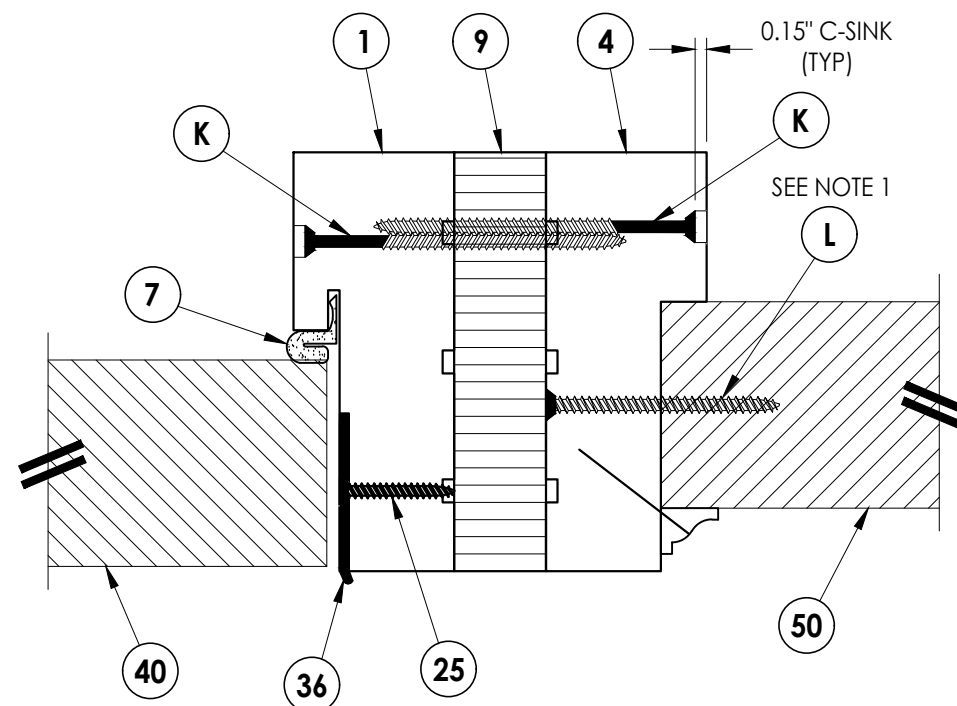
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		PART OR ASSEMBLY:	
UPSTATE DOOR WOOD DOOR		HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	
NO.	DATE	REVISIONS	BY
1	7/01/26	UPDATE TO 9TH ED. (2026) FBC	LFS
DATE: 3/05/24			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-46620.1			
SHEET 5 OF 11			

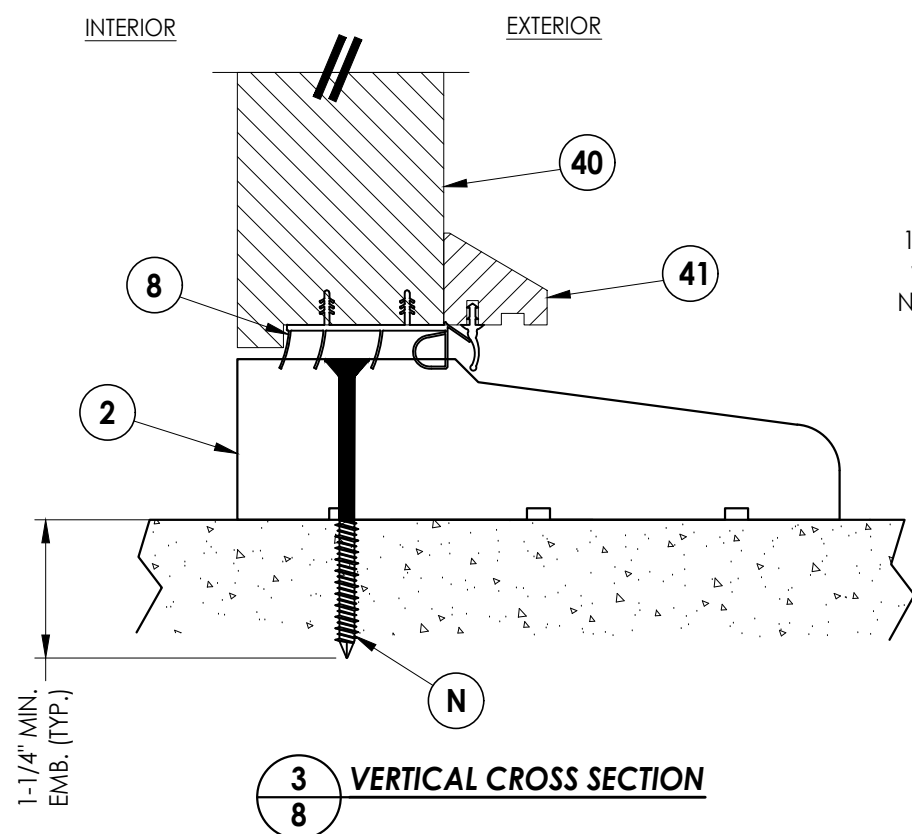
DATE:	3/05/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46620.1
SHEET	<u>6</u> OF <u>11</u>



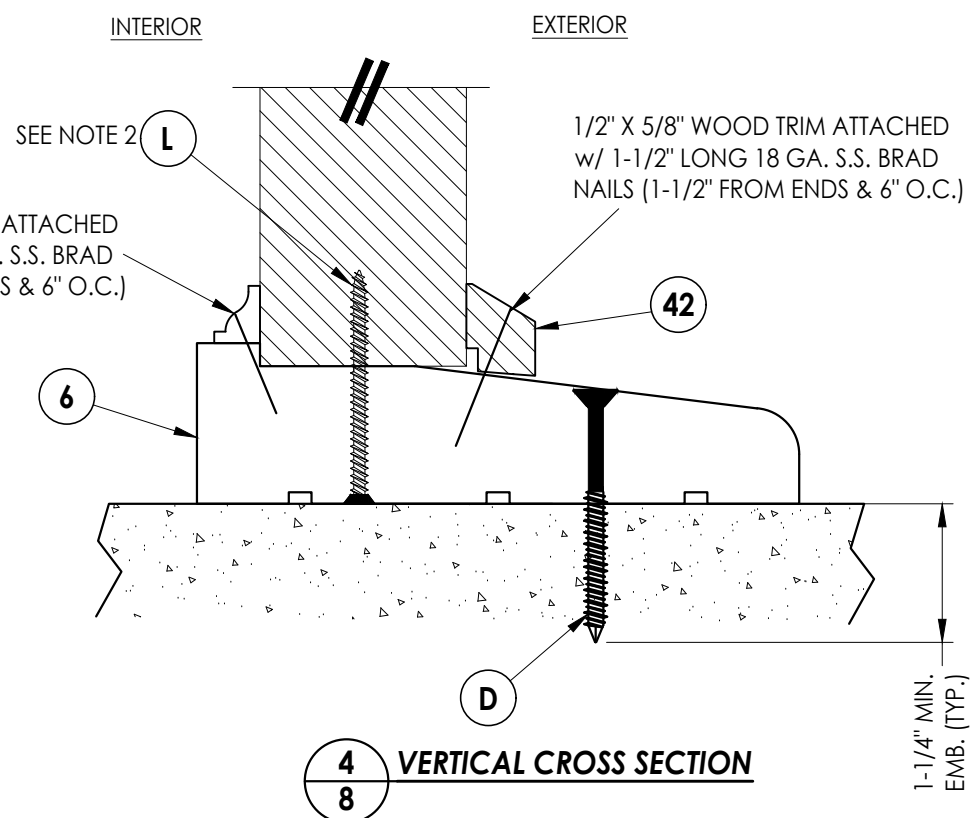
1 8 HORIZONTAL CROSS SECTION



2 **HORIZONTAL CROSS SECTION**
8



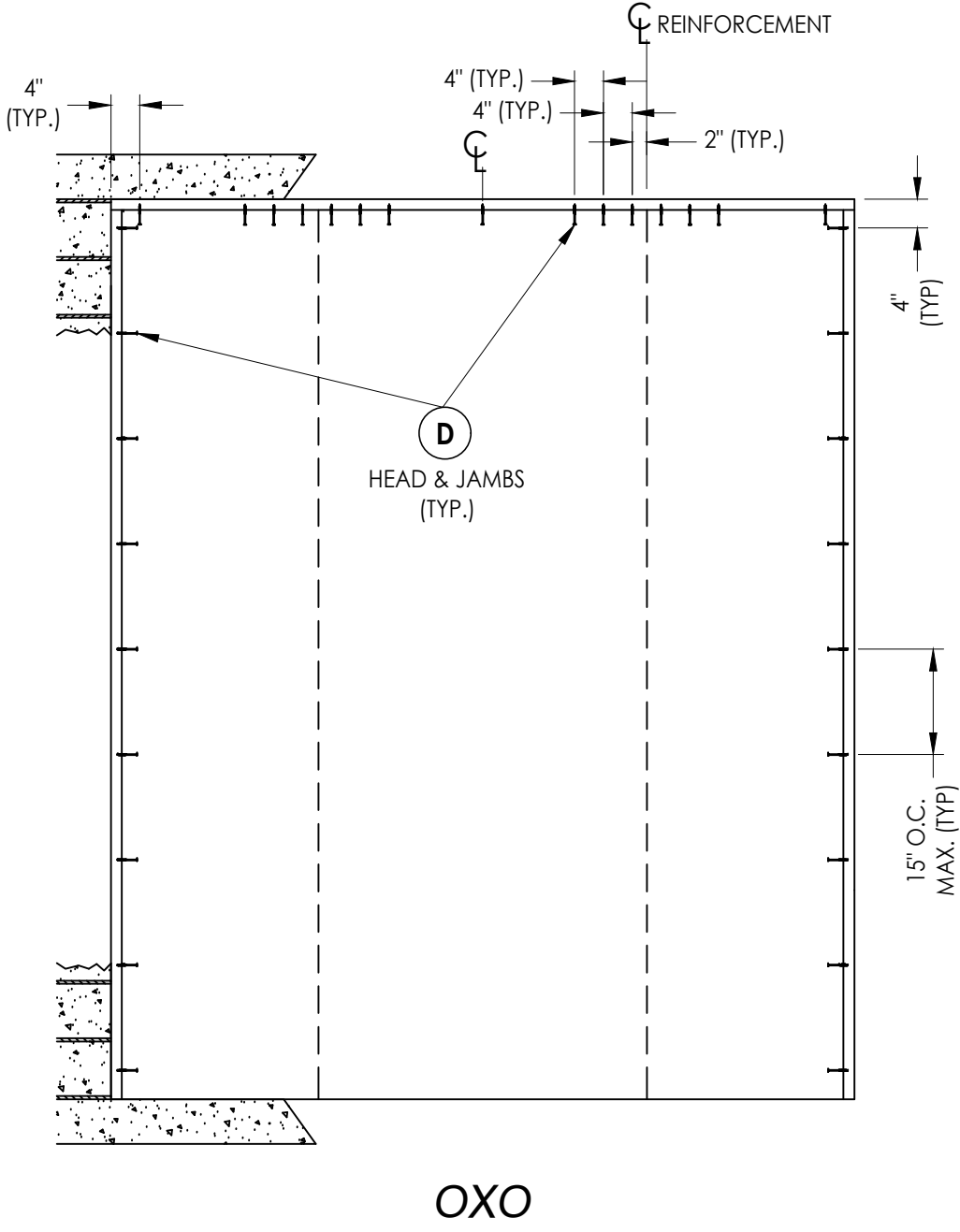
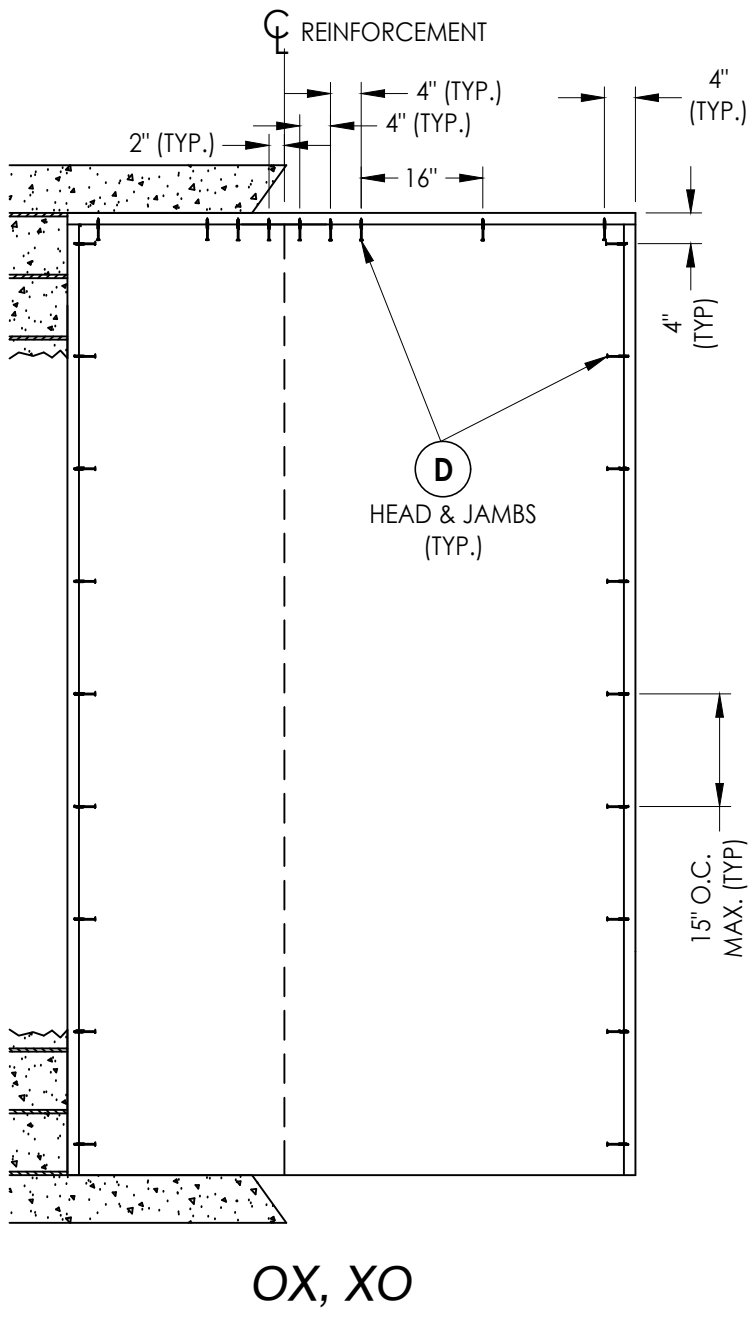
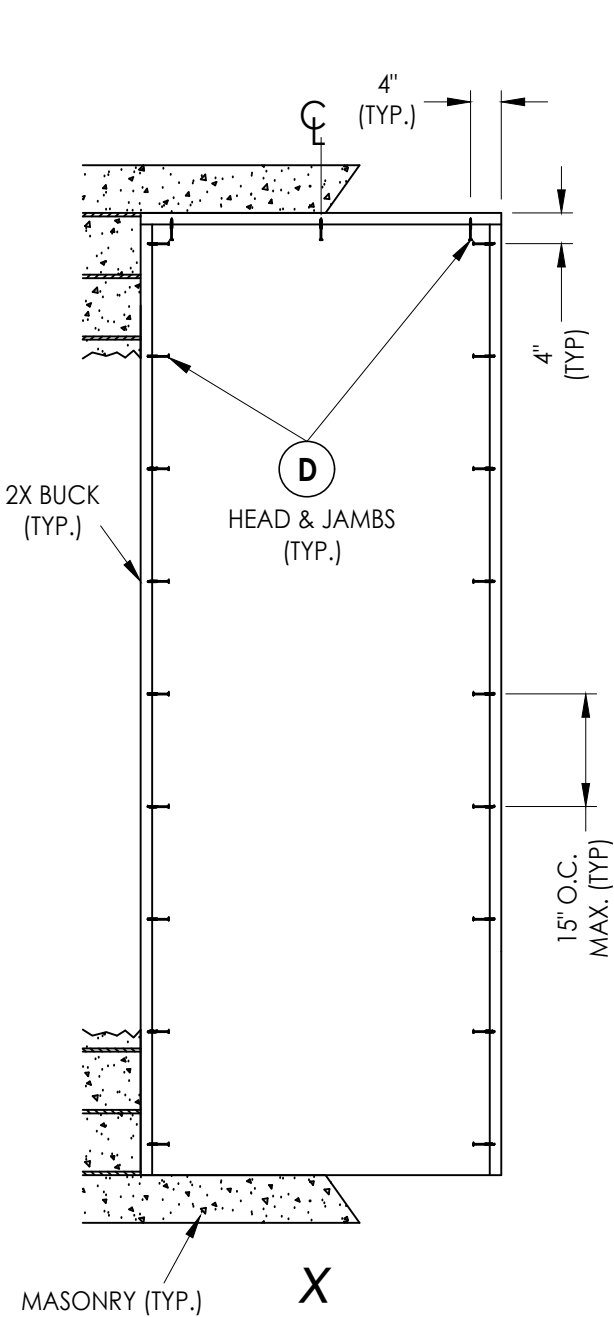
3 **VERTICAL CROSS SECTION**
8



4 VERTICAL CROSS SECTION
8

[illegible]

Z:\2023 FBC Drawings\Upstate Door\FL-46620\FL-46620.1.dwg



2X BUCK ANCHORING

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

DATE:	3/05/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46620.1
SHEET	9 OF 11

PRODUCT:	UPSTATE DOOR WOOD 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
---	---

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
H	#12 X 3" PFH WOOD SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#10 X 3-1/2" STAR FH DECK SCREW	STEEL
L	#12 X 2-1/2" PFH SMS	STEEL
N	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	DOOR JAMB	WOOD
2	DOOR SILL	WOOD
4	SIDELITE JAMB	WOOD
6	SIDELITE SILL	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
9	REINFORCEMENT - (1" X 4.5")	ENG. WOOD
23	#8 X 1" PFH WOOD SCREW	STEEL
25	#12 X 1-1/4" PFH WOOD SCREW	STEEL
29	4.5" X 4.5" HINGE	BRASS
36	MULTIPOINT LATCH & DEADBOLT STRIKE PLATE	STEEL
37	MULTIPOINT TONGUE STRIKE PLATE	STEEL
40	DOOR PANEL	WOOD
41	DOOR DRIP CAP w/ SWEEP	WOOD/VINYL
42	SIDELITE DRIP CAP	WOOD
50	SIDELITE PANEL	WOOD

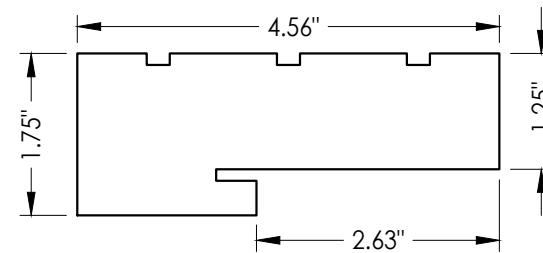
AFRICAN MAHOGANY: (G = 0.50)

Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

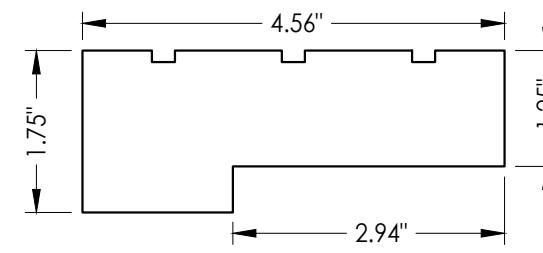
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. 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"

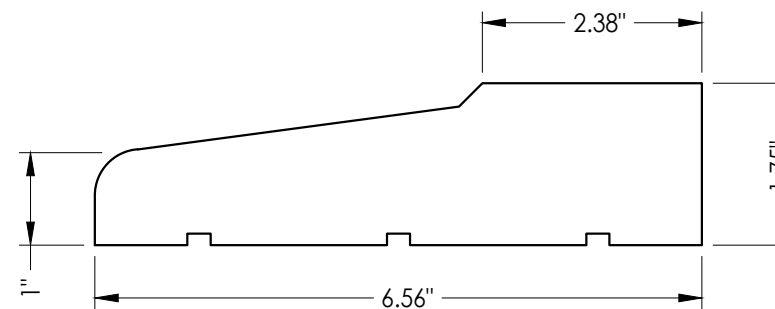
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



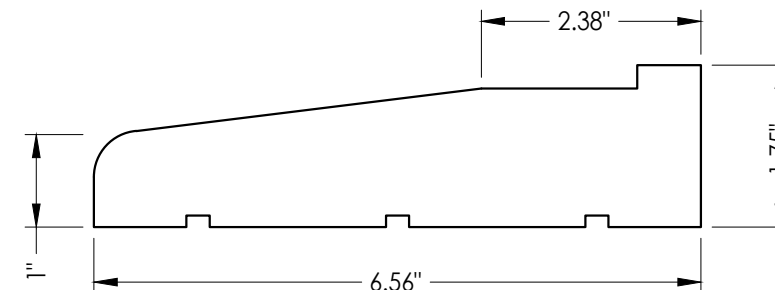
1 DOOR JAMB



4 SIDELITE JAMB



2 DOOR SILL



6 SIDELITE SILL

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

UPSTATE DOOR
WOOD DOOR

R ASSEMBLY: BILL OF MATERIALS & COMPONENTS

[illegible]

DATE: 3/05/24

SCALE: *N.T.S.*

DWG. BY: *LFS*

CHK. BY: RW

DRAWING NO.:

FL-46620.1

SHEET 11 OF 11