

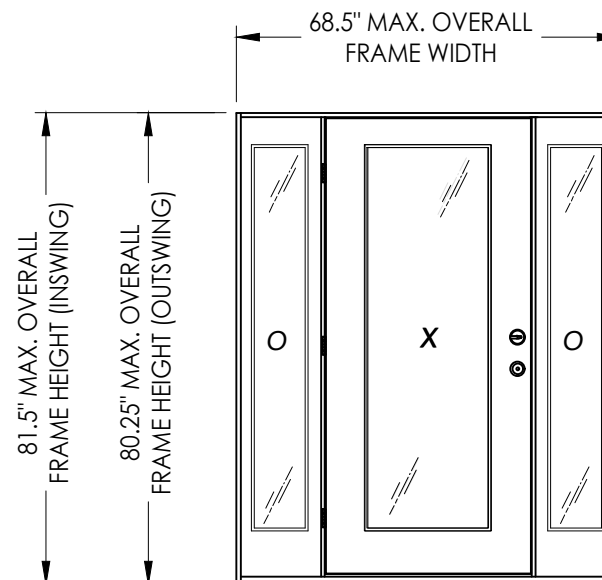
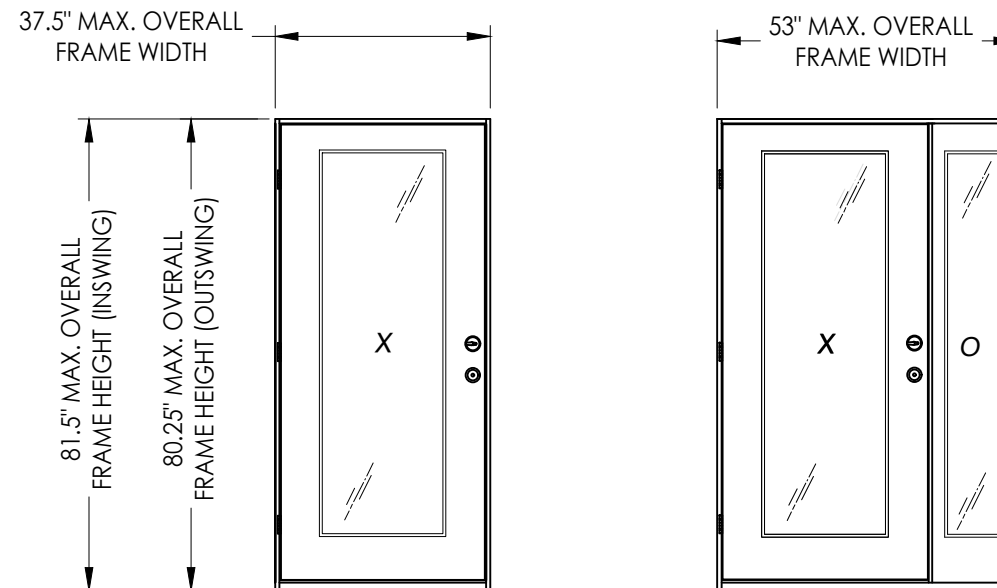


**FLUSH GLAZED
FIBERGLASS ENTRY DOOR
SINGLE w/ or w/out SIDELITE(S)
INSWING/OUTSWING
"NON-IMPACT"**

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.

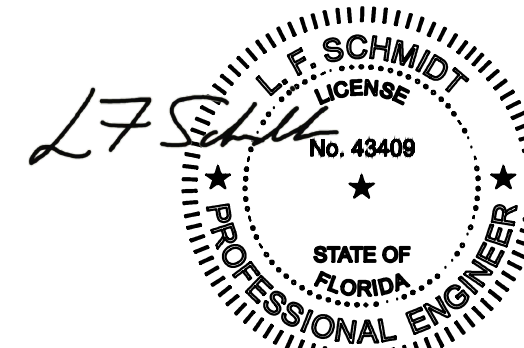
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical Elevations, Design Pressures & General Notes
2	Door Panel Details & Glazing Details
3	Door Panel Details & Glazing Details
4	Door Panel Details & Glazing Details
5	Sidelite Panel Details
6	Elevations
7	Horizontal & Vertical Cross Sections (2X Buck)
8	Horizontal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



CONTINUOUS HEAD & SILL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 81.5"	+55.0	-60.0	+55.0	-55.0
OX/XO	53.0" x 81.5"	+50.0	-55.0	+50.0	-50.0
OXO	68.5" x 81.5"	+50.0	-55.0	+50.0	-50.0

NOTE: SEE SHEET 2 FOR GLAZING DESIGN PRESSURE LIMITATIONS



Digitally signed by Lyndon F Schmidt
Date: 2026.07.02 11:16:48 -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
FIBERGLASS DOOR

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

DATE: 2/22/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-46553.2

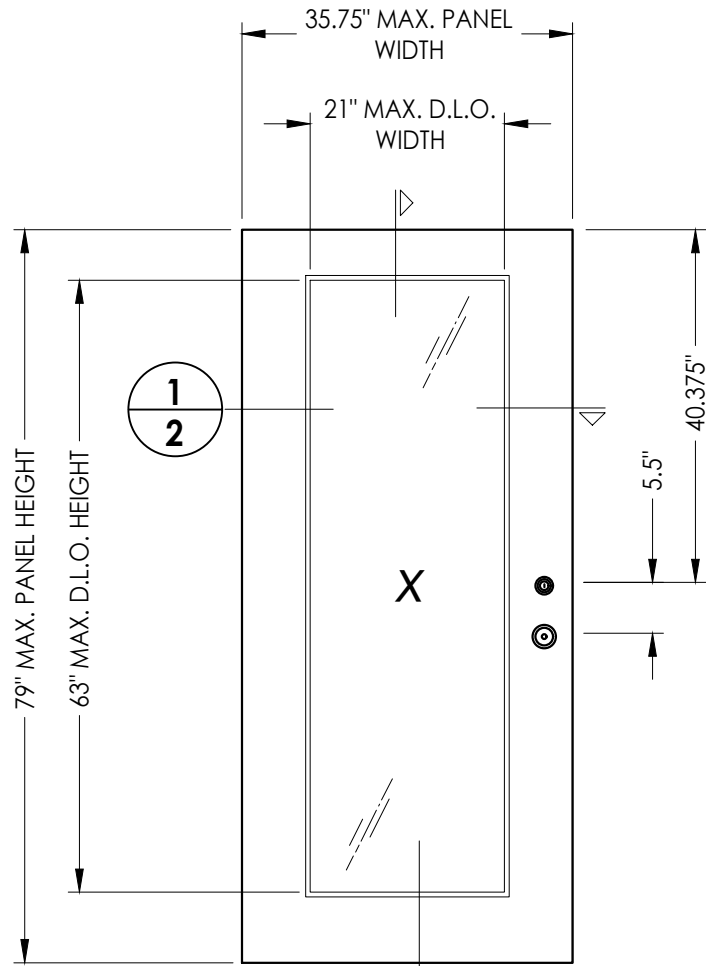
SHEET 1 OF 14

REVISIONS

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

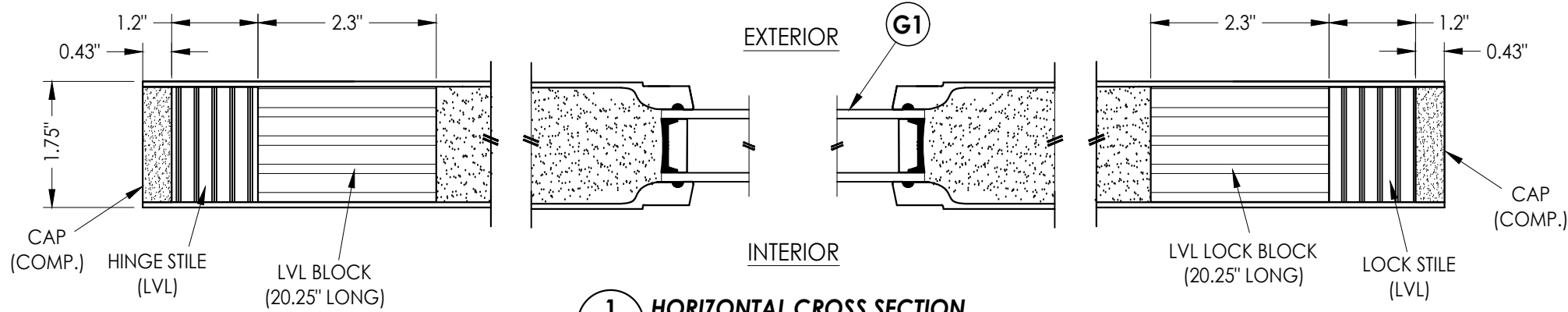
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

G:\DOORSCAPES\FL-46553 R1 FG Flush Glazed Door\FL46553.2.dwg

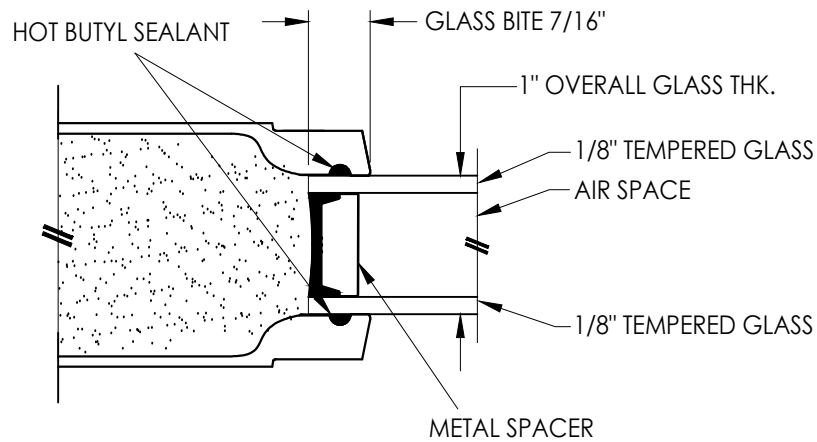


40 FIBERGLASS DOOR PANEL
Doorscapes

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

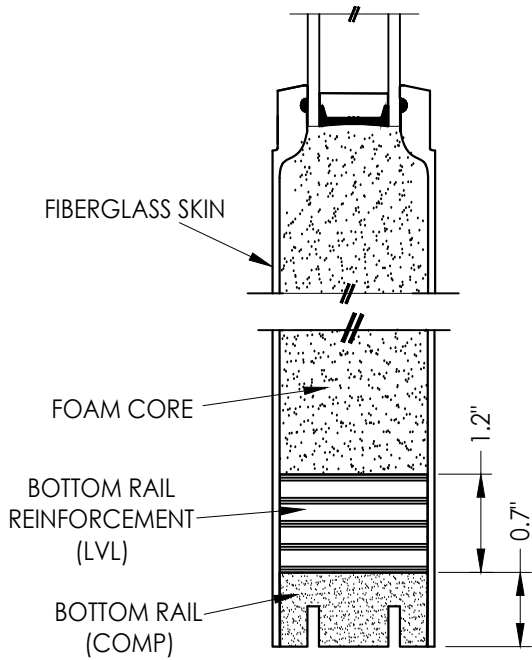
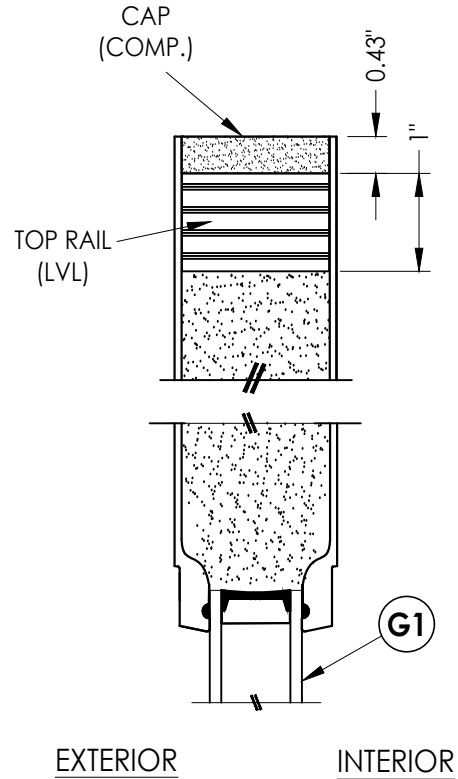


1/2 HORIZONTAL CROSS SECTION



G1 GLAZING DETAIL
FLUSH GLAZED (CLEAR)

GLAZING MAX. DESIGN PRESSURE (PSF) LIMITATIONS				
GLAZING TYPE	INSWING		OUTSWING	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
G1 CLEAR	+55.0	-60.0	+55.0	-55.0
G2 DECO	+50.0	-55.0	+50.0	-50.0
G3 BBG	+50.0	-55.0	+50.0	-50.0



2/2 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: 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

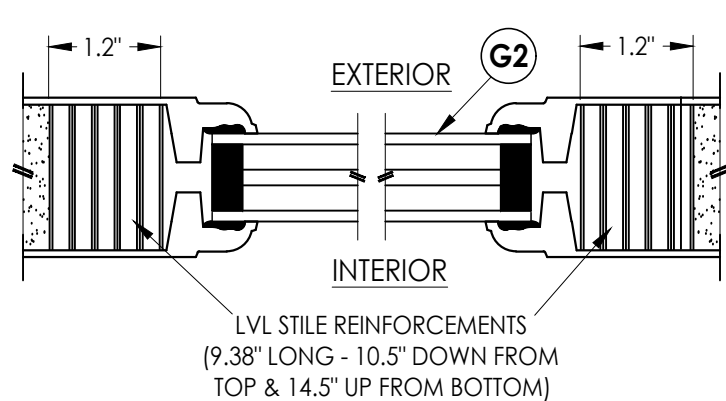
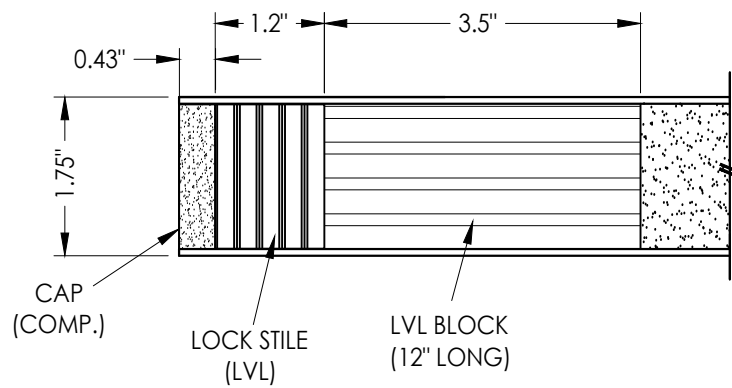
CHK. BY: RW

DRAWING NO.:

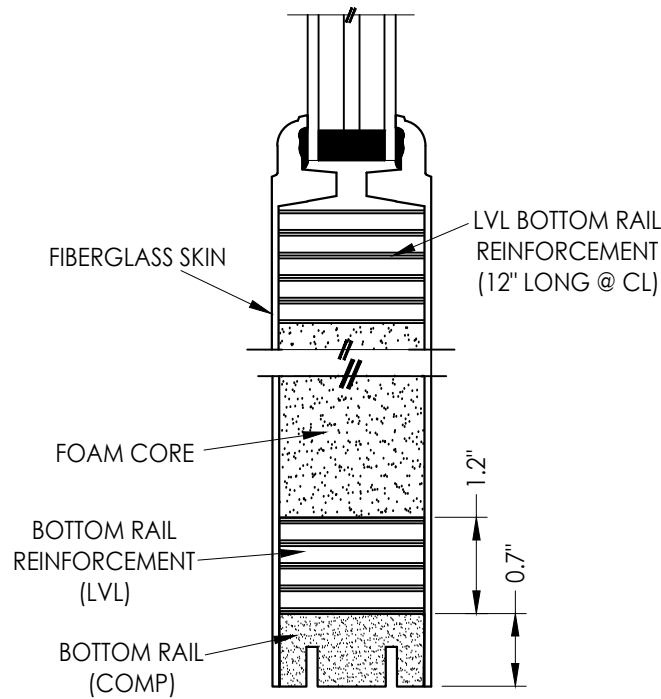
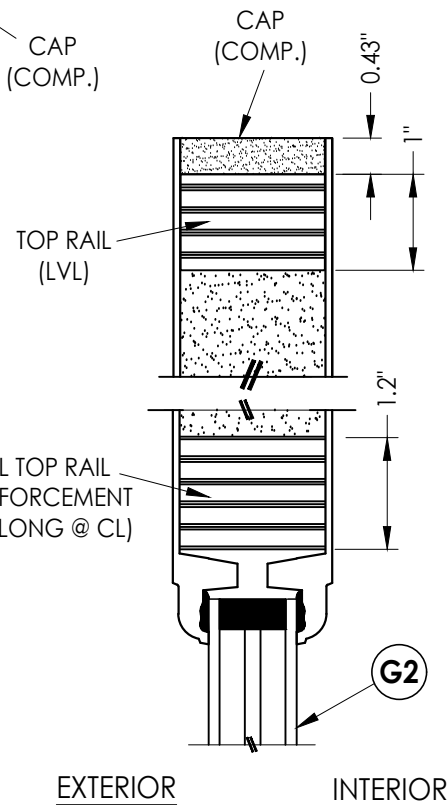
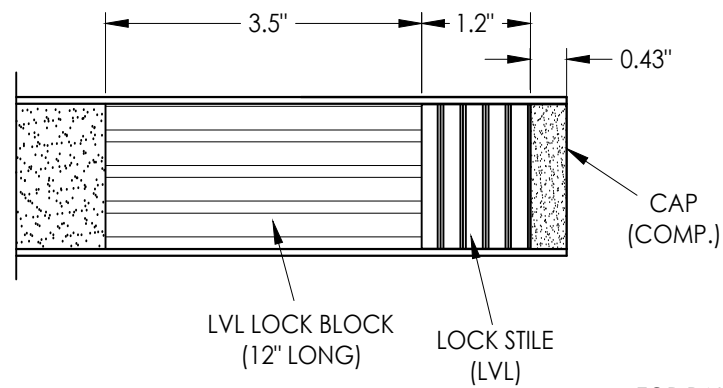
FL-46553.2

SHEET 2 OF 14

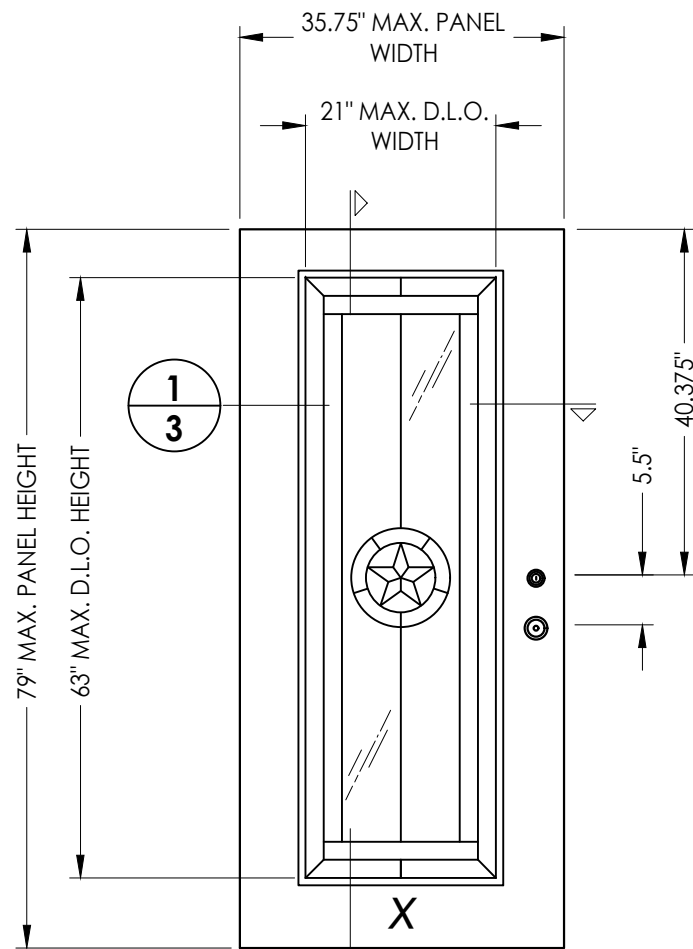
G:\DOORSCAPES\FL-46553 R1 FG Flush Glazed Door\FL46553.2.dwg



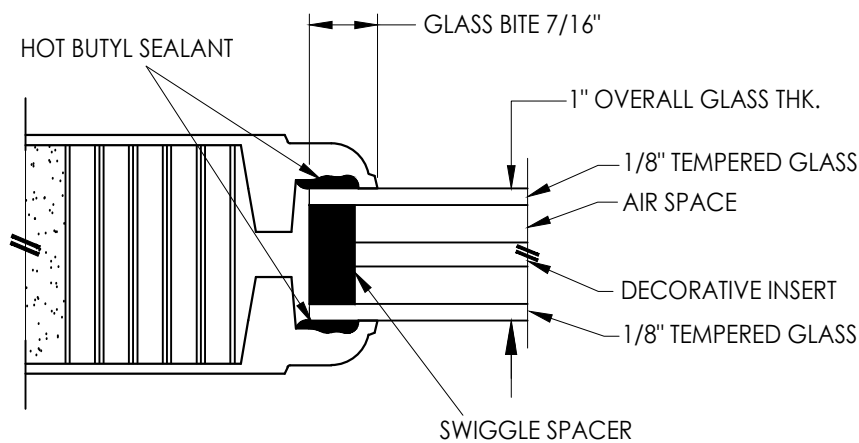
1
3 HORIZONTAL CROSS SECTION



2
3 VERTICAL CROSS SECTION



41 FIBERGLASS DOOR PANEL
Doorscapes



G2 GLAZING DETAIL
FLUSH GLAZED (DECO)

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

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: 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.

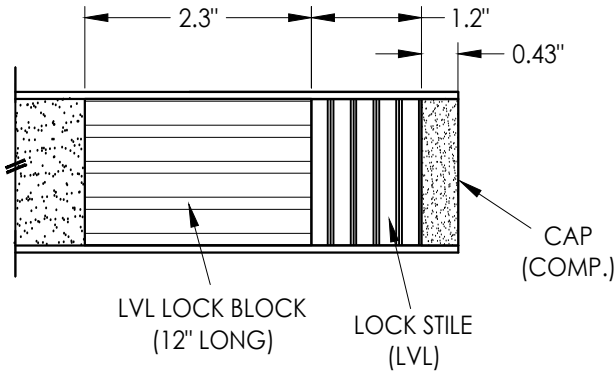
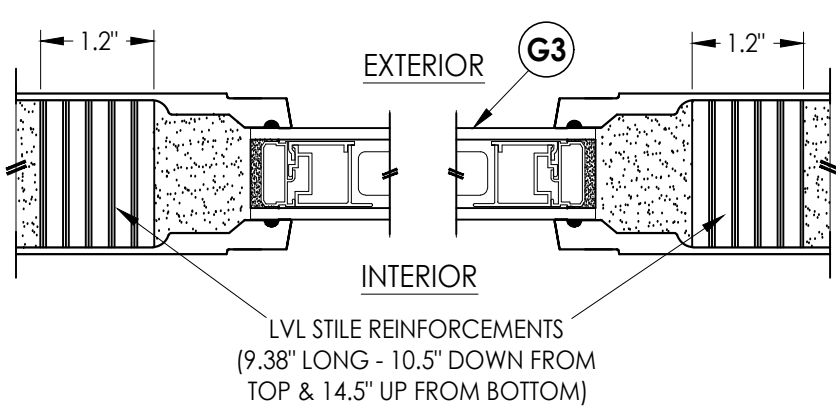
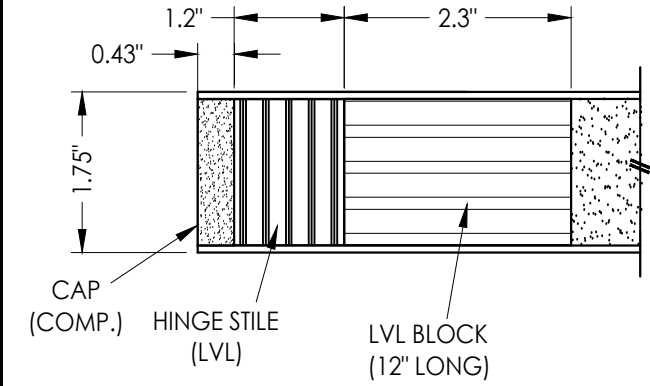
DWG. BY: LFS

CHK. BY: RW

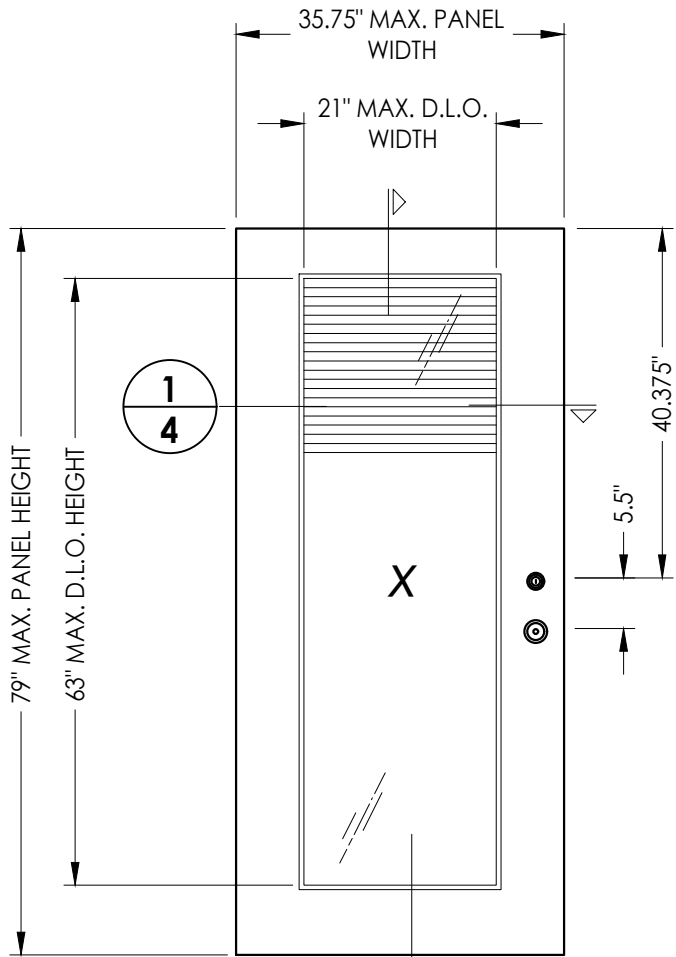
DRAWING NO.: FL-46553.2

SHEET 3 OF 14

G:\DOORSCAPES\FL-46553 R1 FG Flush Glazed Door\FL46553.2.dwg

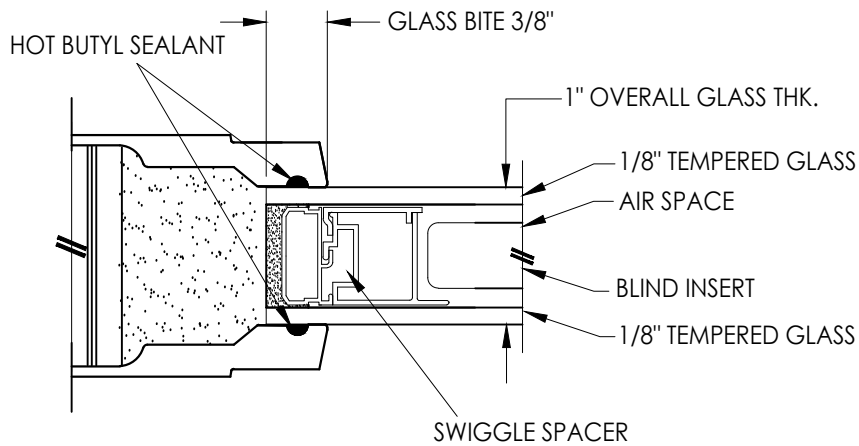


1
4 **HORIZONTAL CROSS SECTION**

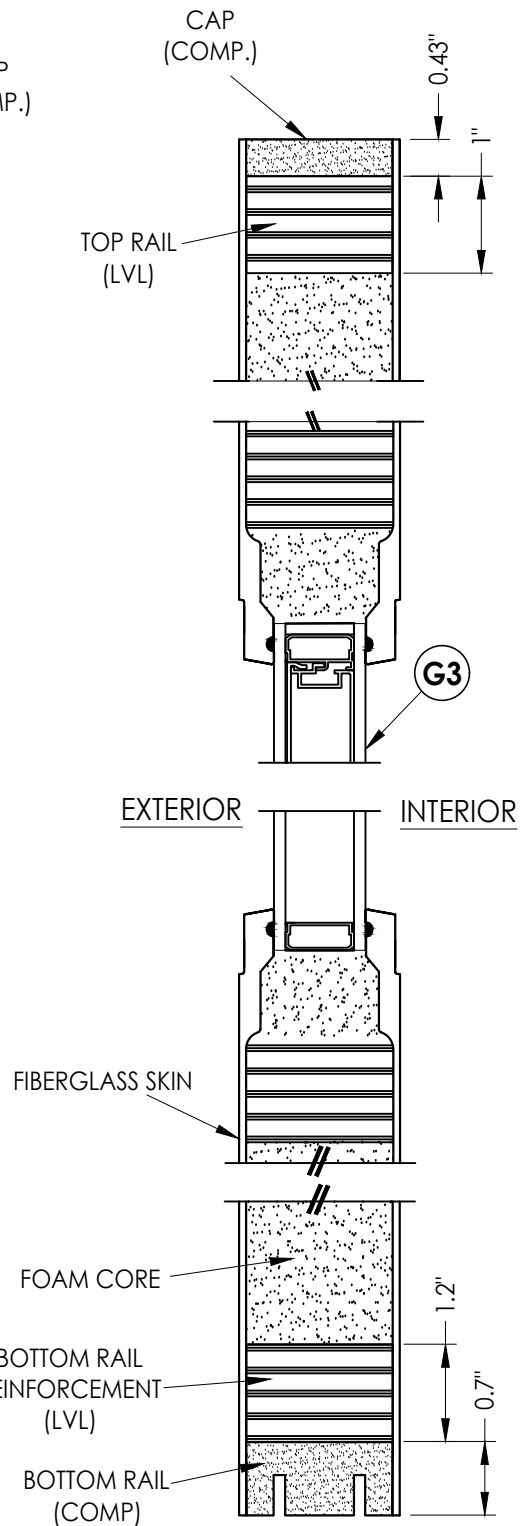


42 **FIBERGLASS DOOR PANEL**
Doorscapes

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



G3 **GLAZING DETAIL**
FLUSH GLAZED (BLINDS BETWEEN GLASS)



2
4 **VERTICAL CROSS SECTION**

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: DOORSCAPES
FIBERGLASS DOOR

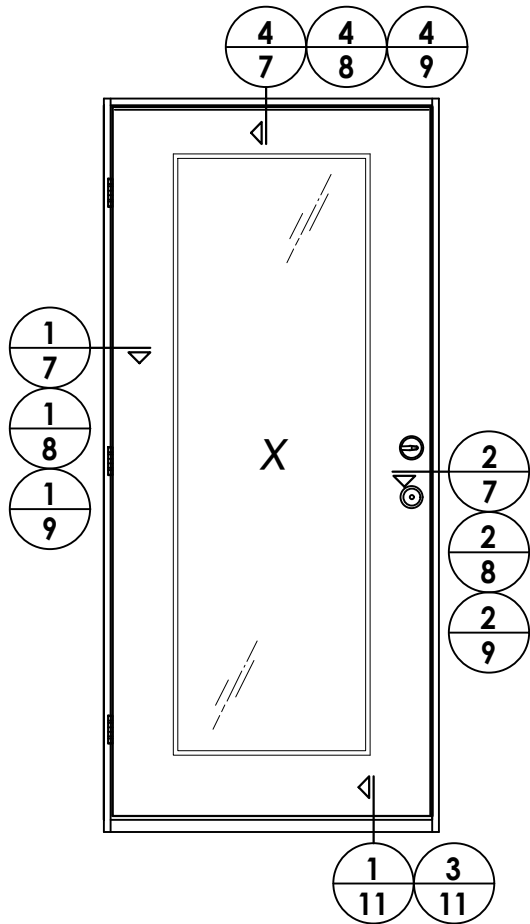
PART OR ASSEMBLY:
DOOR PANEL DETAILS &
GLAZING DETAILS

REVISIONS		DATE		BY	
1	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	BY

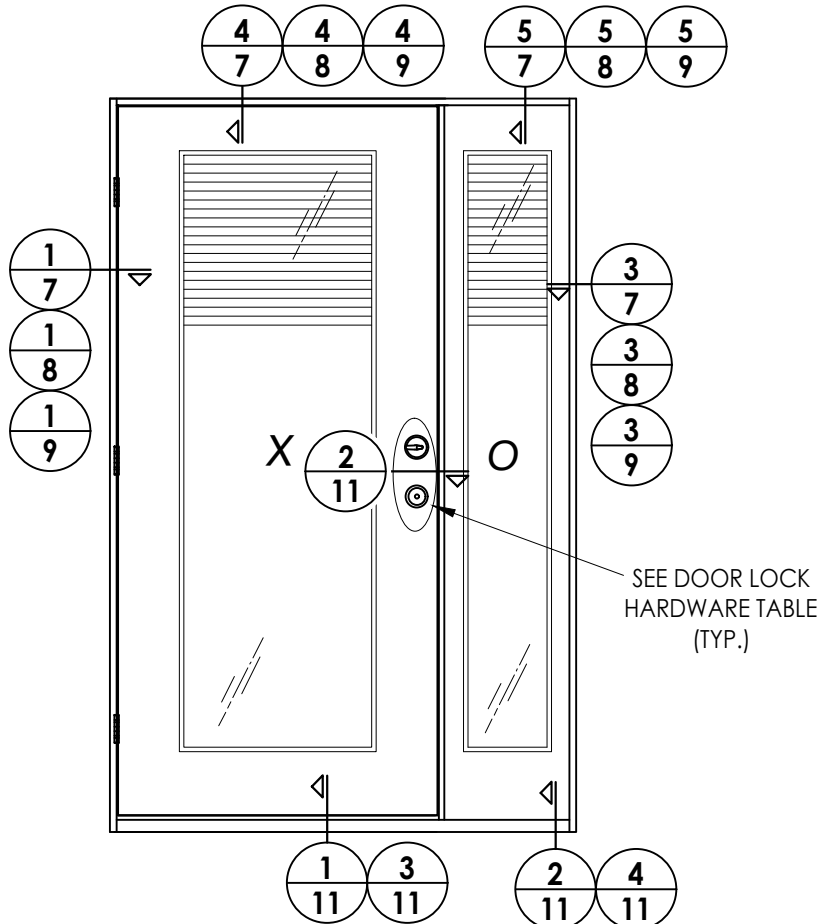
DATE:	2/22/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46553.2
SHEET	4 OF 14

© 2024 R.W. BUILDING CONSULTANTS INC.

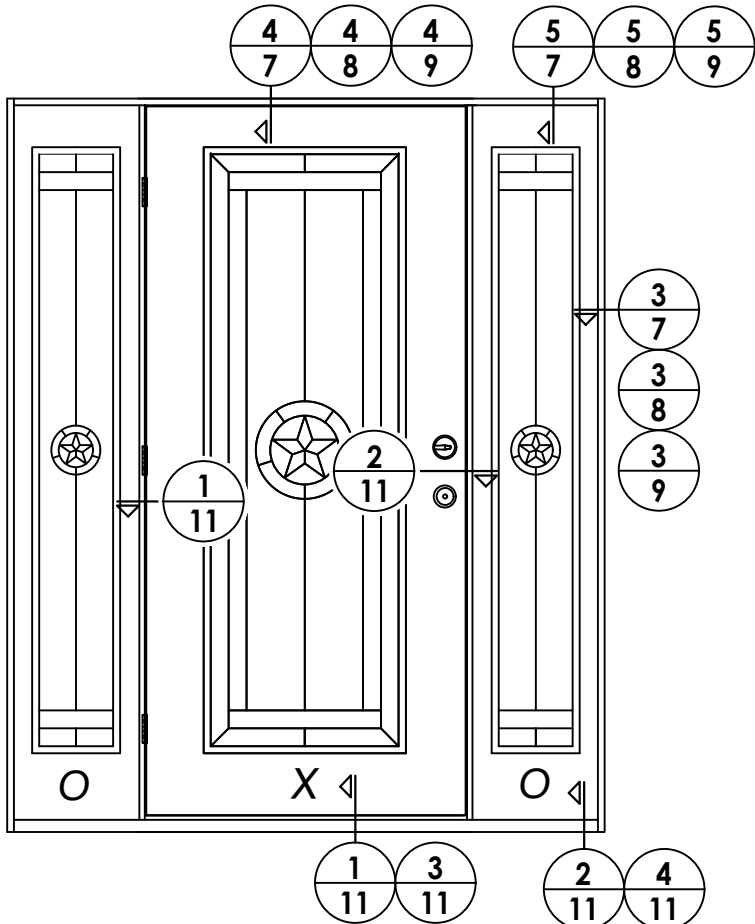
G:\DOORSCAPES\FL-46553 R1 FG Flush Glazed Door\FL46553.2.dwg



ELEVATION
X



ELEVATION
XO / OX



ELEVATION
OXO

HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	Knob:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	Knob:	F51
	DEADBOLT:	B60

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

PRODUCT:
DOORSCAPES
FIBERGLASS DOOR

PART OR ASSEMBLY:
ELEVATIONS

DATE: 2/22/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-46553.2

SHEET 6 OF 14

1

7/01/26

UPDATE TO 9TH ED. (2026)

FBC

LFS

NO

DATE

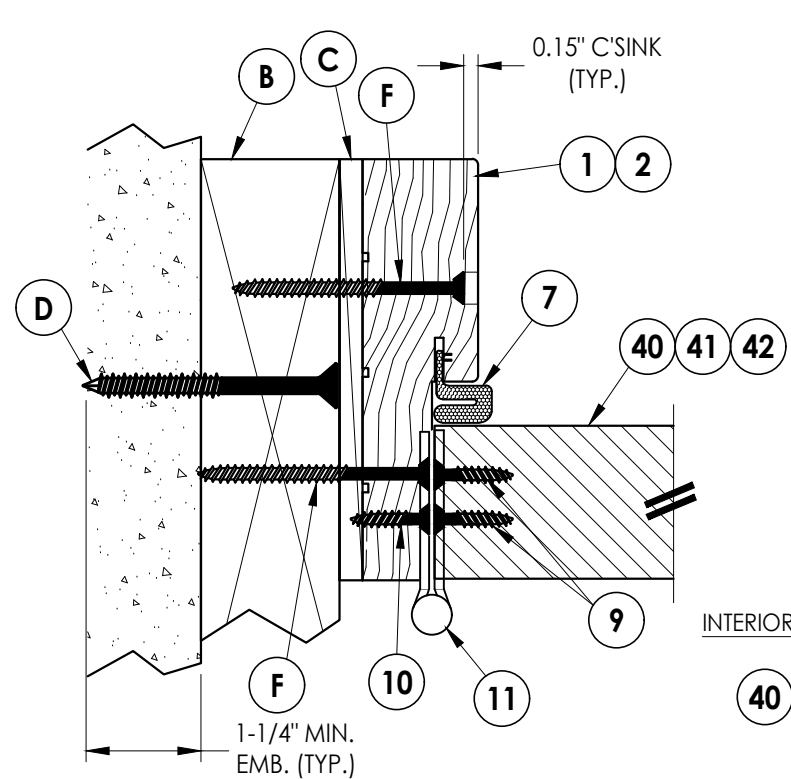
BY

REVISIONS

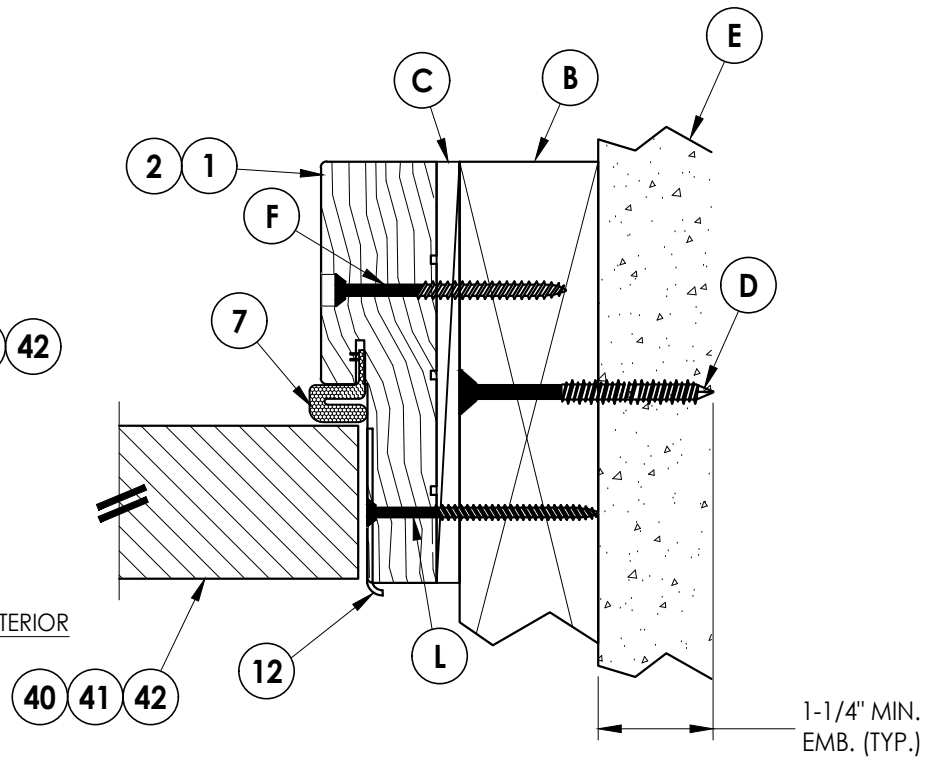
RW

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

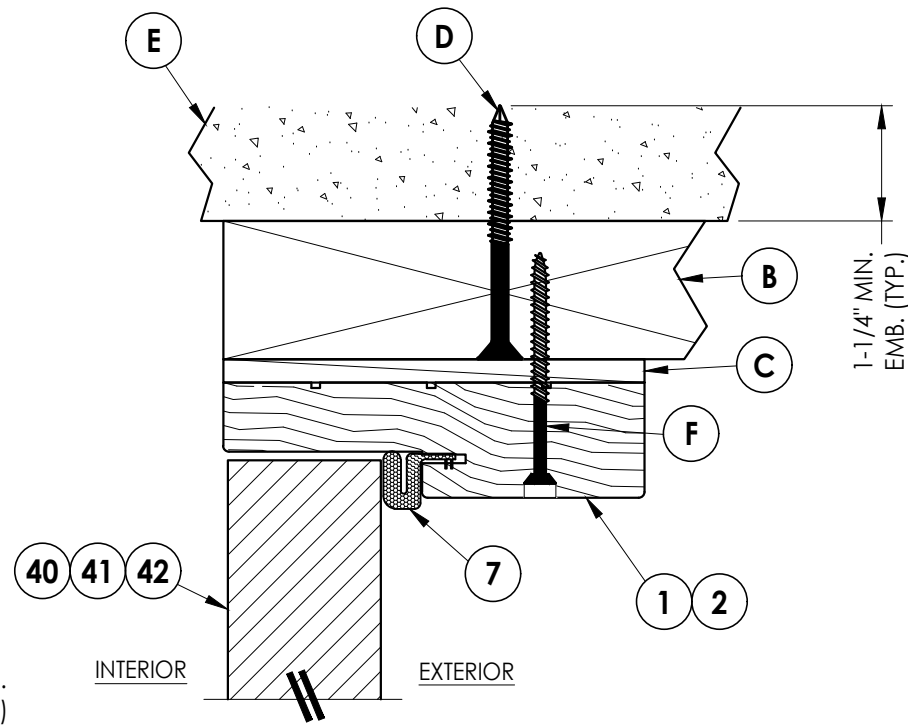
G:\DOORSCAPES\FL-46553 R1 FG Flush Glazed Door\FL46553.2.dwg



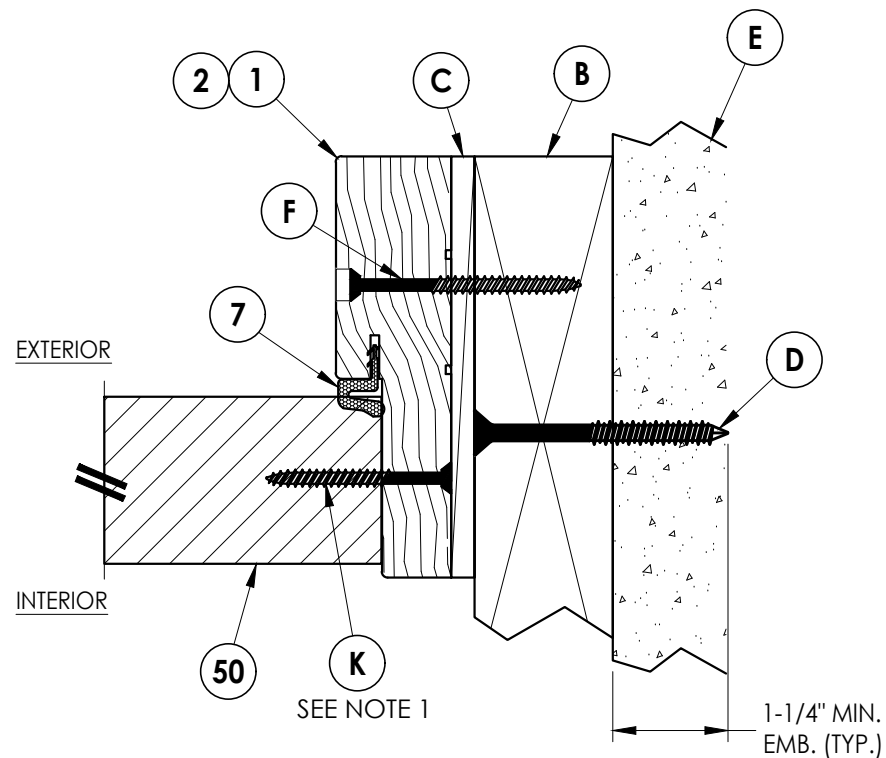
1
7 **HORIZONTAL CROSS SECTION**
Inswing Shown (Outswing Similar)
2X Buck Construction



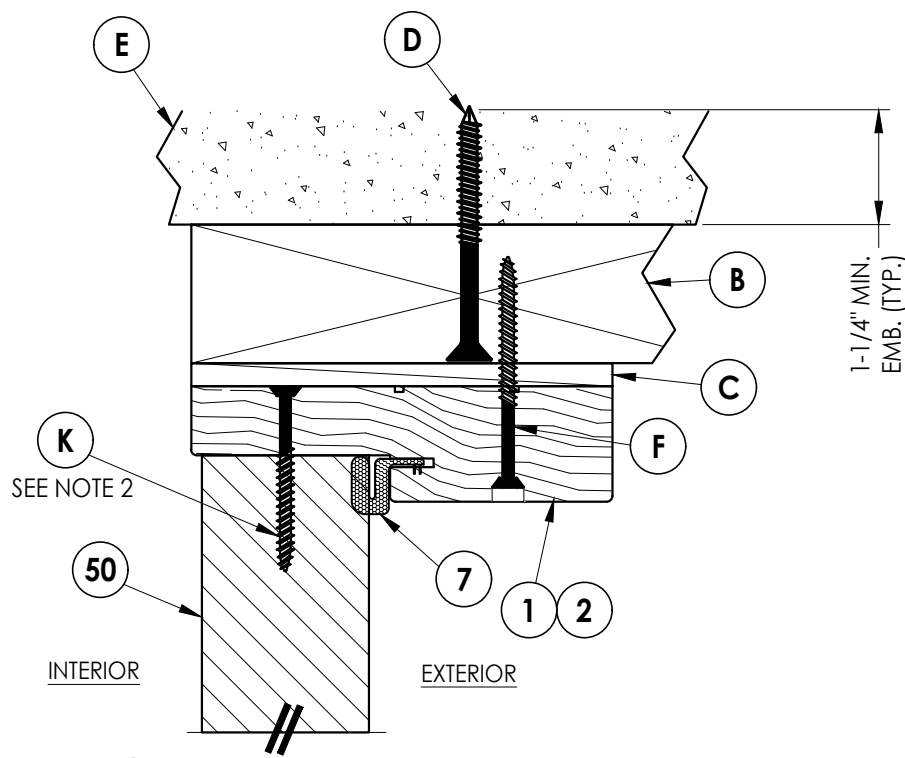
2
7 **HORIZONTAL CROSS SECTION**
Inswing Shown (Outswing Similar)
2X Buck Construction



4
7 **VERTICAL CROSS SECTION**
Inswing Shown (Outswing Similar)
2X Buck Construction



3
7 **HORIZONTAL CROSS SECTION**
Inswing Shown (Outswing Similar)
2X Buck Construction



5
7 **VERTICAL CROSS SECTION**
Inswing Shown (Outswing Similar)
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).

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: DOORSCAPES
FIBERGLASS DOOR

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

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

DATE: 2/22/24

SCALE: N.T.S.

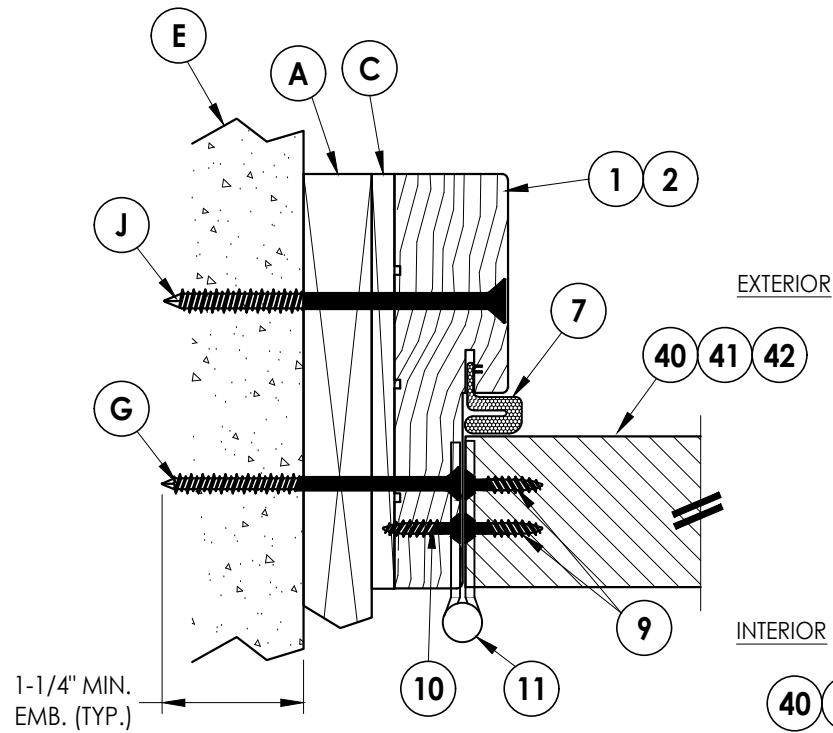
DWG. BY: LFS

CHK. BY: RW

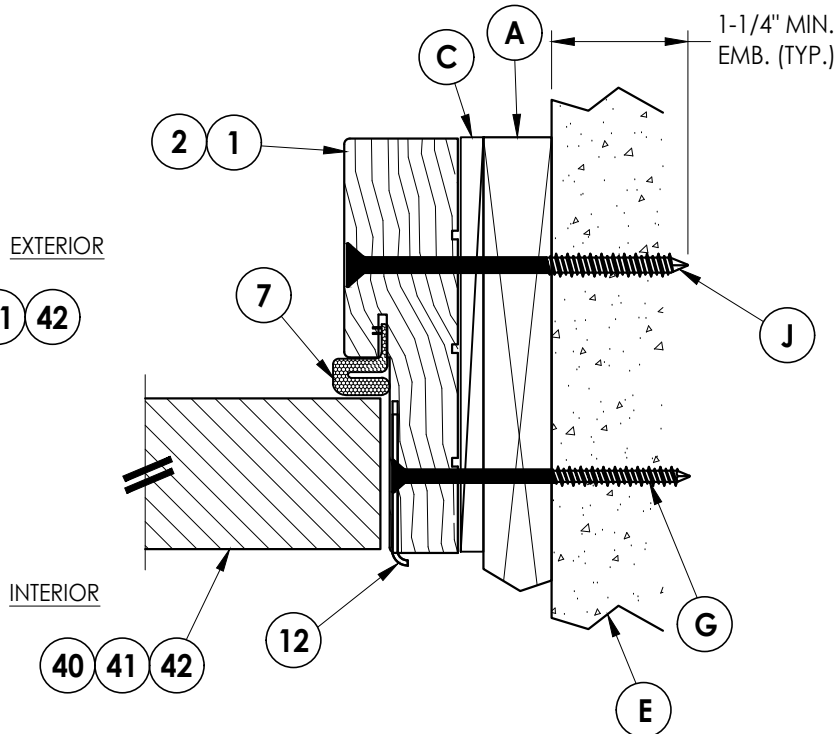
DRAWING NO.: FL-46553.2

SHEET 7 OF 14

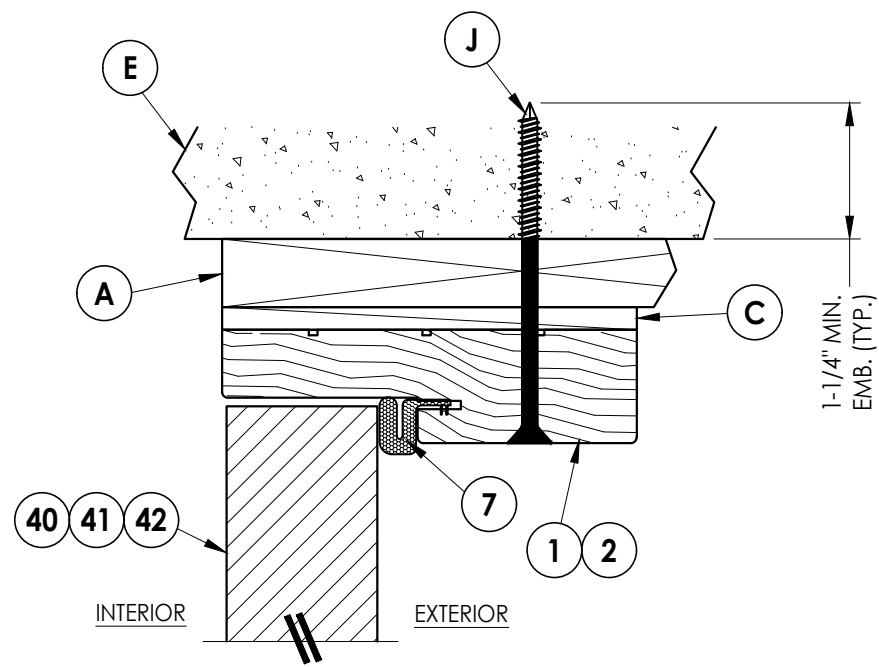
G:\DOORSCAPES\FL-46553 R1 FG Flush Glazed Door\FL46553.2.dwg



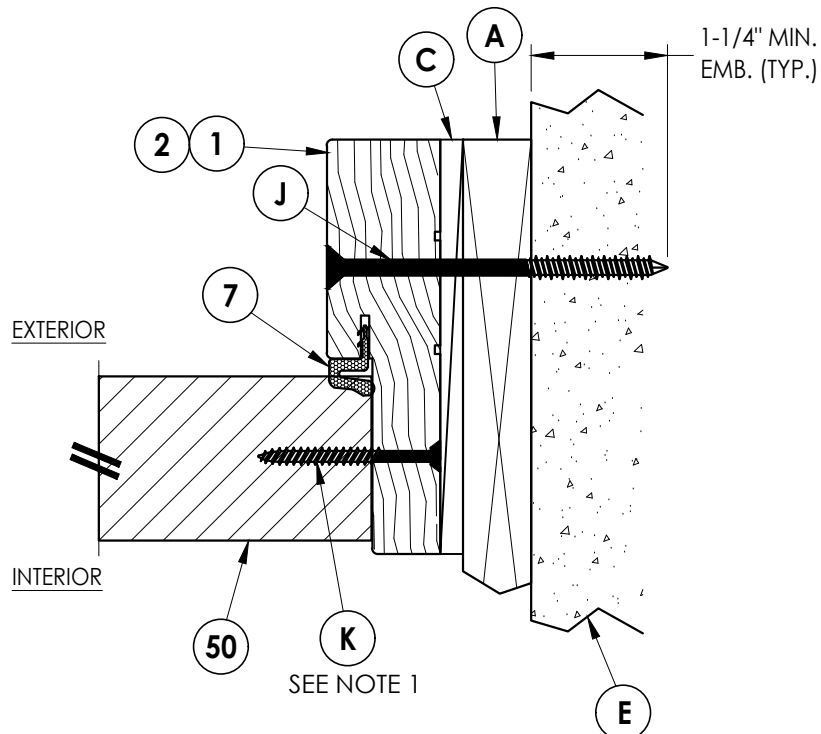
1 **HORIZONTAL CROSS SECTION**
8 Inswing Shown (Outswing Similar)
1X Buck Construction



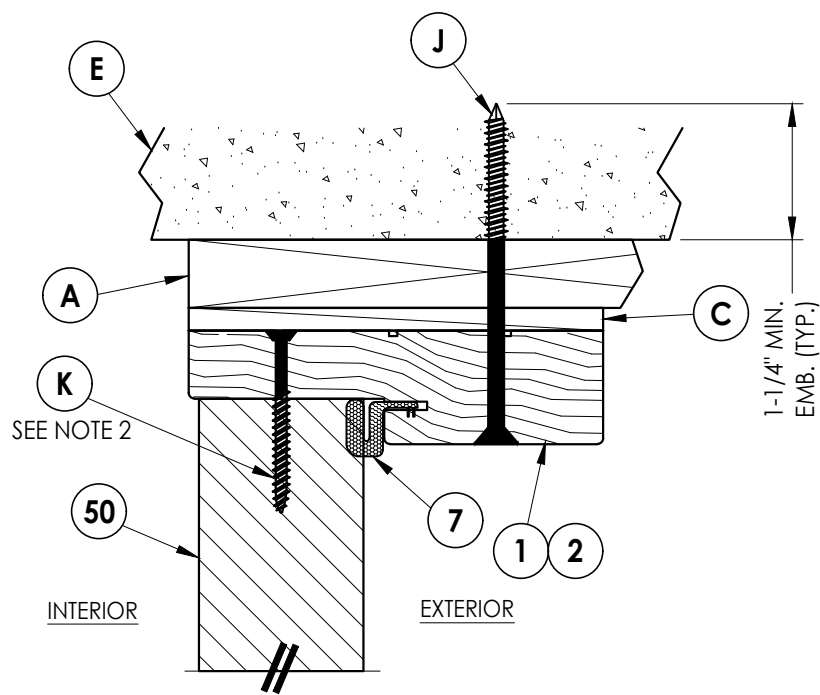
2 **HORIZONTAL CROSS SECTION**
8 Inswing Shown (Outswing Similar)
1X Buck Construction



4 **VERTICAL CROSS SECTION**
8 Inswing Shown (Outswing Similar)
1X Buck Construction



3 **HORIZONTAL CROSS SECTION**
8 Inswing Shown (Outswing Similar)
1X Buck Construction



5 **VERTICAL CROSS SECTION**
8 Inswing Shown (Outswing Similar)
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

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

PRODUCT: DOORSCAPES
FIBERGLASS DOOR

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

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

DATE: 2/22/24

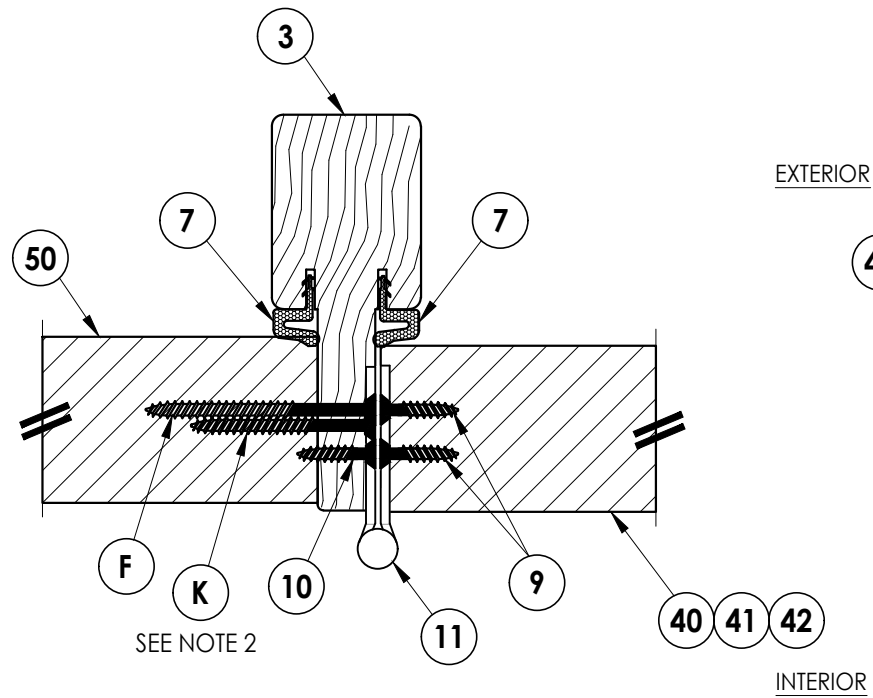
SCALE: N.T.S.

DWG. BY: LFS

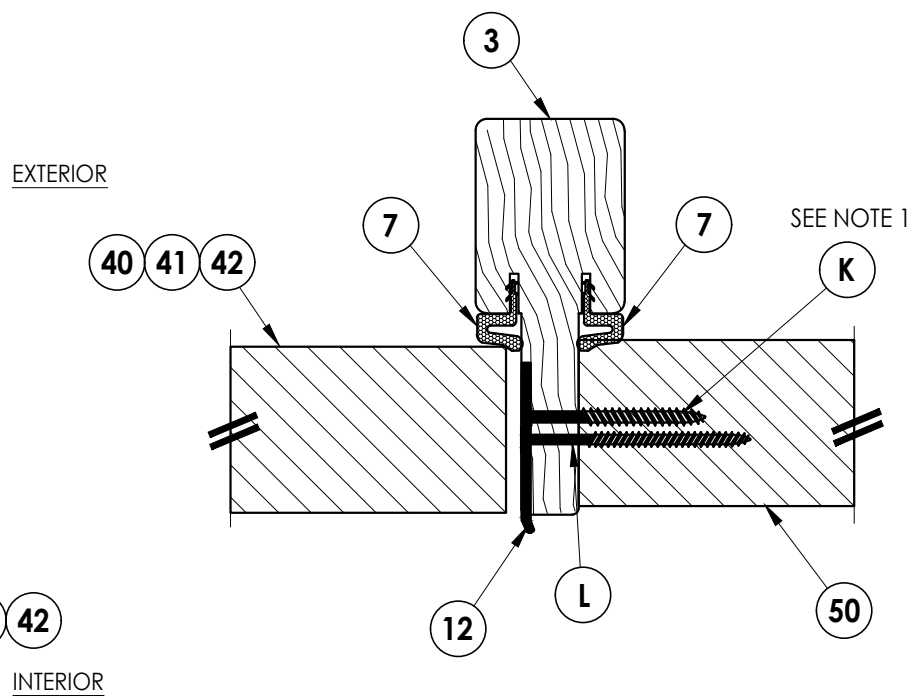
CHK. BY: RW

DRAWING NO.: FL-46553.2

SHEET 8 OF 14



1 10 **HORIZONTAL CROSS SECTION** Inswing Shown (Outswing Similar)



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

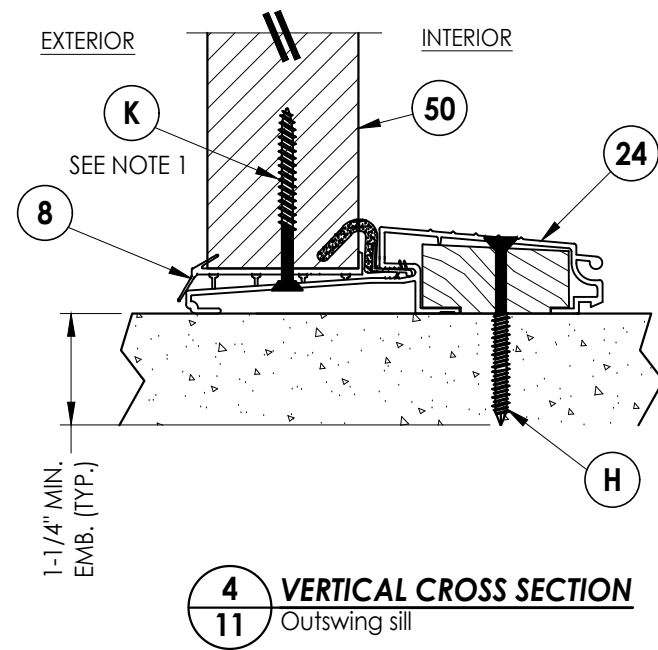
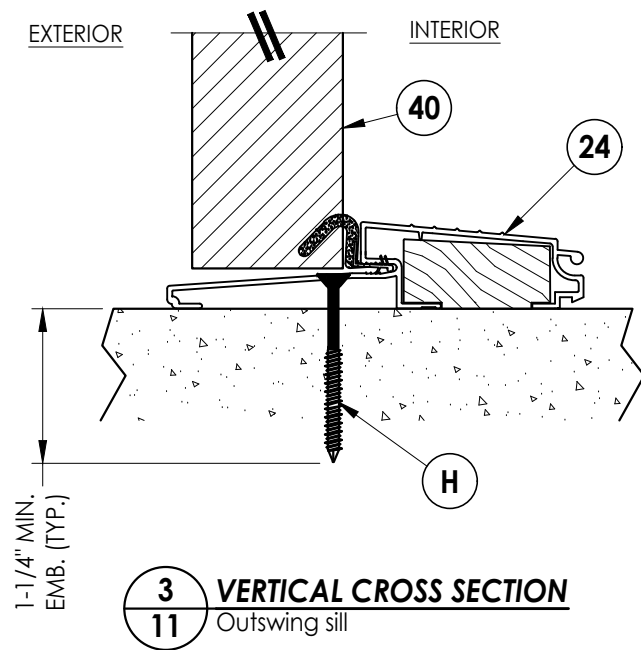
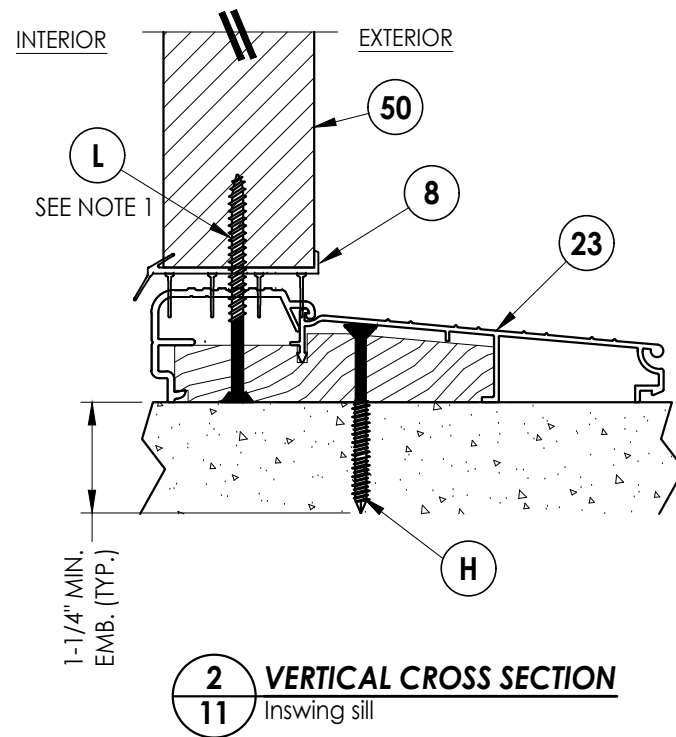
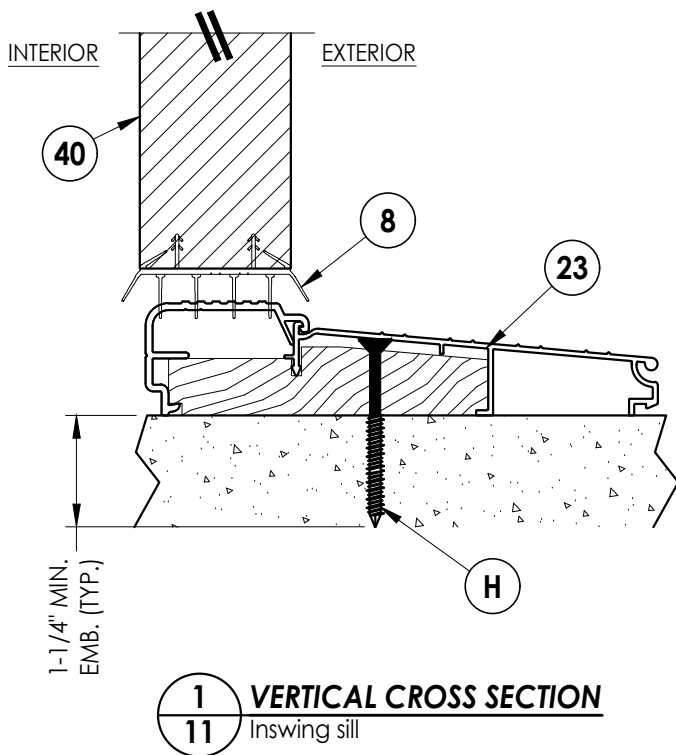
NOTES:

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).

[illegible]

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

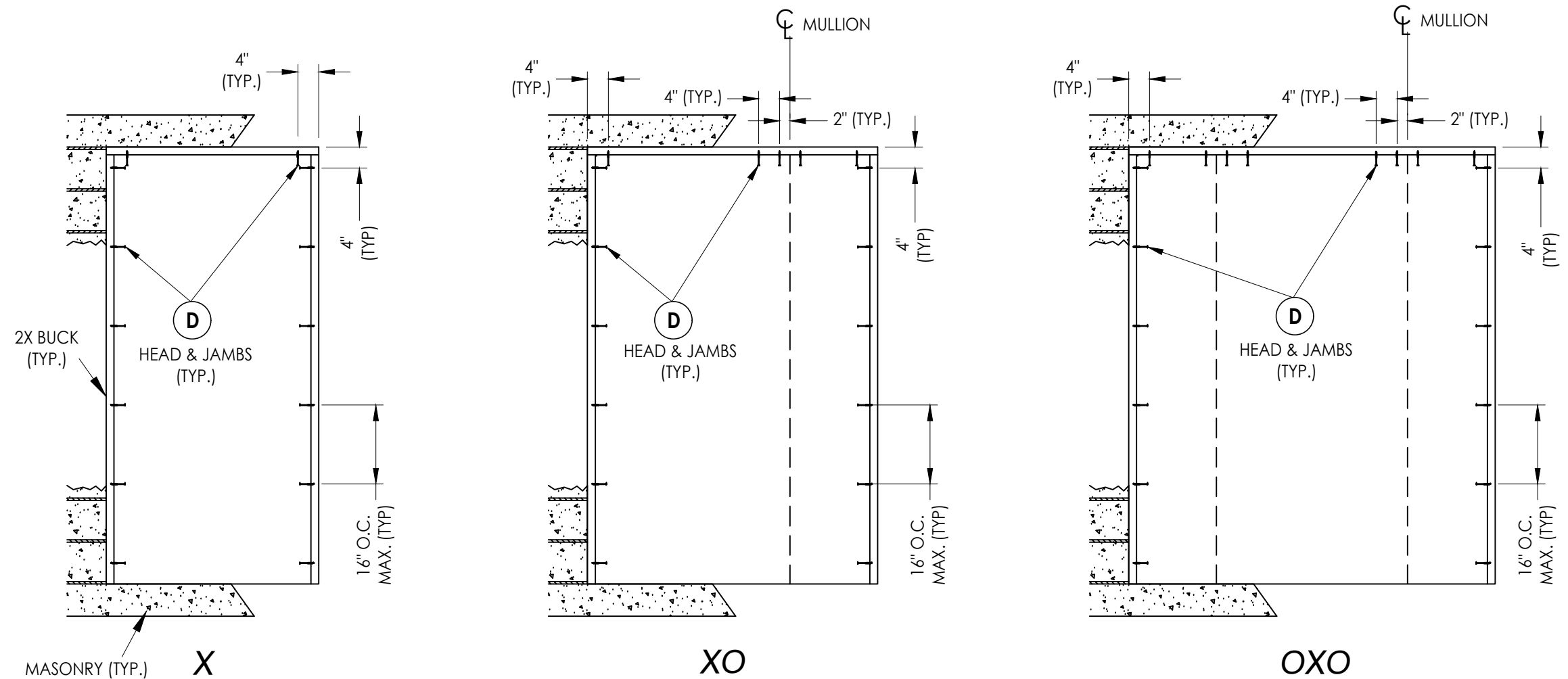
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



NOTE:

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

[illegible]



2X BUCK ANCHORING

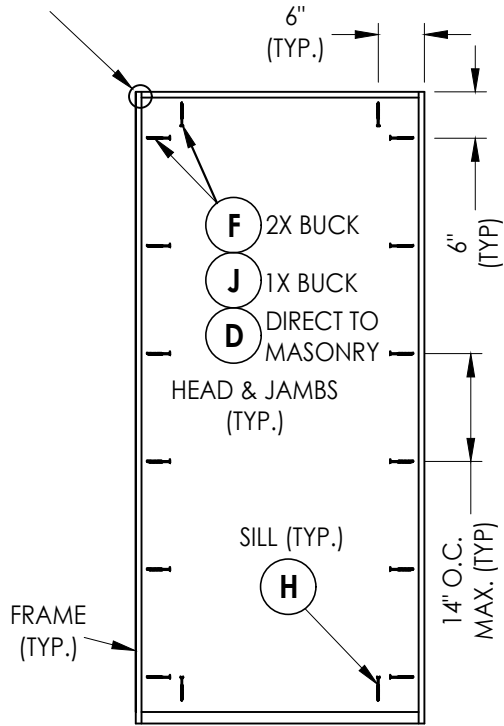
[illegible]

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

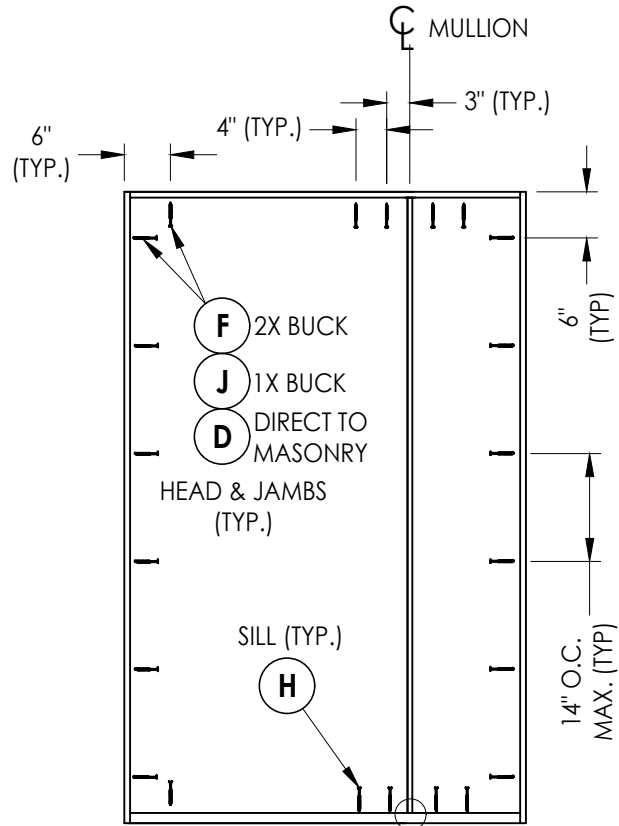
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

G:\DOORSCAPES\FL-46553 R1 FG Flush Glazed Door\FL46553.2.dwg

FRAME CORNERS ATTACHED w/
(4) 7/16" CROWN X 1-1/2" LONG
16 GA. STAPLES @ HEAD & SILL
(TYP.)

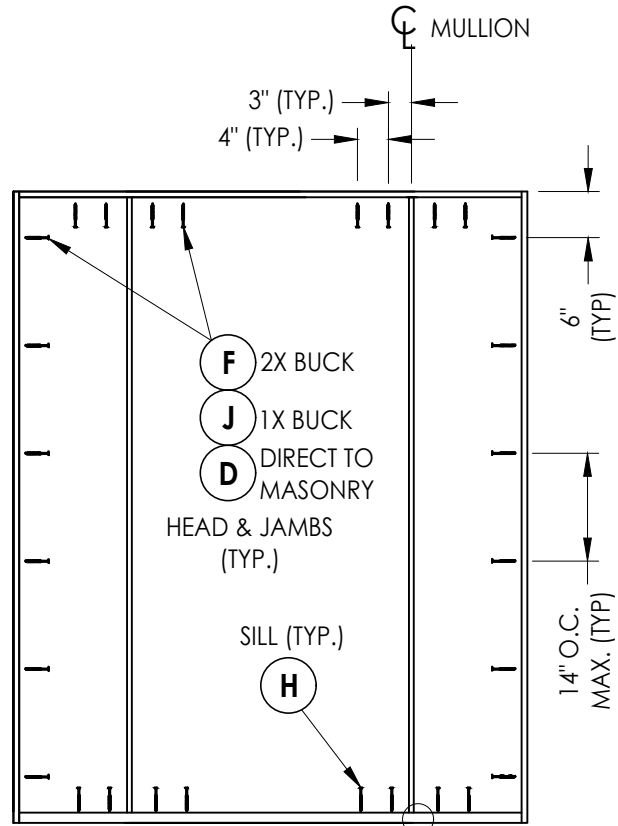


X



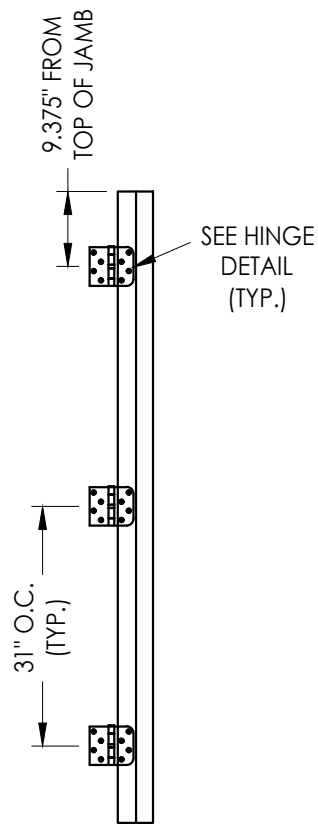
XO/OX

SEE MULLION END
DETAIL (TYP.)



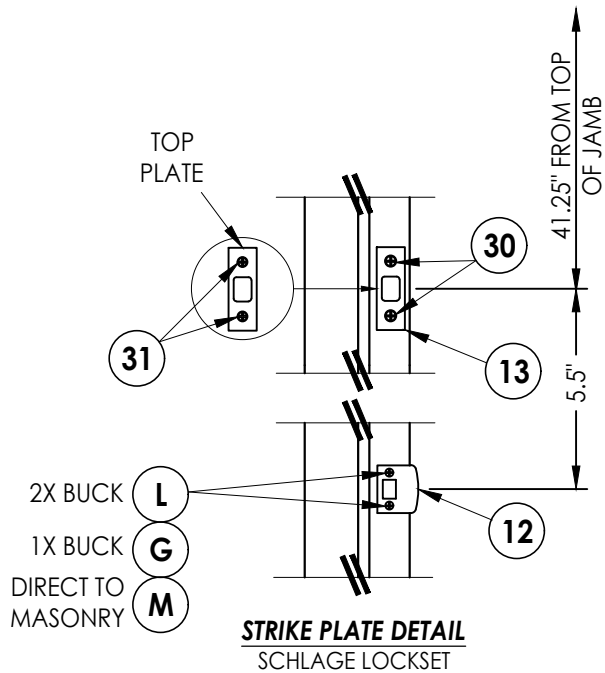
OXO

SEE MULLION END
DETAIL (TYP.)

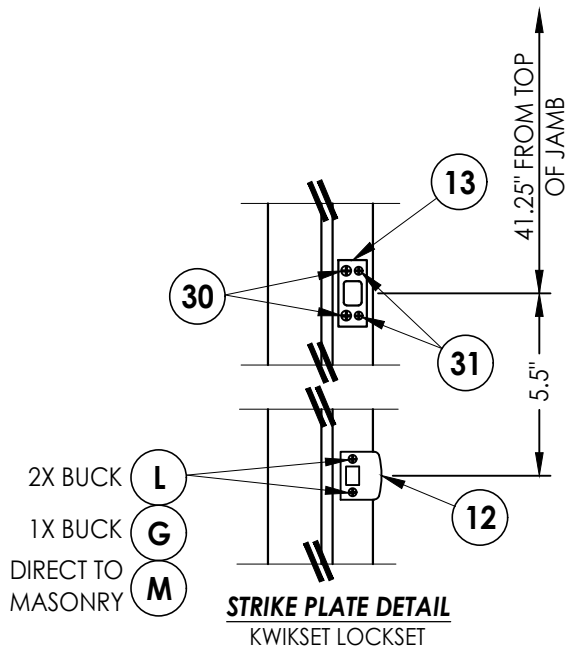


HINGE JAMB

FRAME ANCHORING

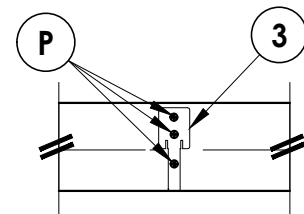


STRIKE PLATE DETAIL
SCHLAGE LOCKSET

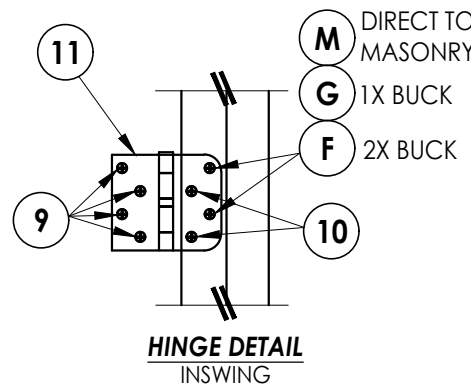


STRIKE PLATE DETAIL
KWIKSET LOCKSET

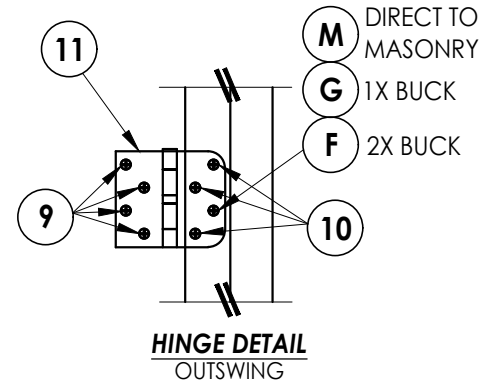
LATCH & DEADBOLT STRIKE PLATE DETAILS



MULLION END DETAIL
(TYP. @ HEAD & SILL)



HINGE DETAIL
INSWING



HINGE DETAIL
OUTSWING

HARDWARE DETAILS

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:
DOORSCAPES
FIBERGLASS DOOR

PART OR ASSEMBLY:
FRAME ANCHORING
& HARDWARE 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-46553.2

SHEET 13 OF 14

G:\DOORSCAPES\FL-46553 R1 FG Flush Glazed Door\FL46553.2.dwg

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
1	FINGER JOINT PINE JAMB (G >= 0.42)	WOOD
2	COMPOSITE JAMB	COMP
3	INTEGRAL MULLION - 1.625" WIDE (PINE LVL, 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
23	INSWING THRESHOLD (AFCO A-280)	ALUM/WOOD
24	OUTSWING THRESHOLD (AFCO A-117)	ALUM/WOOD
30	#12 X 2-1/2" PFH WOOD SCREW	STEEL
31	#8 X 1/2" PFH WOOD SCREW	STEEL
40	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-
41	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-
42	DOOR PANEL - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-
50	SIDELITE PANEL - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS	-

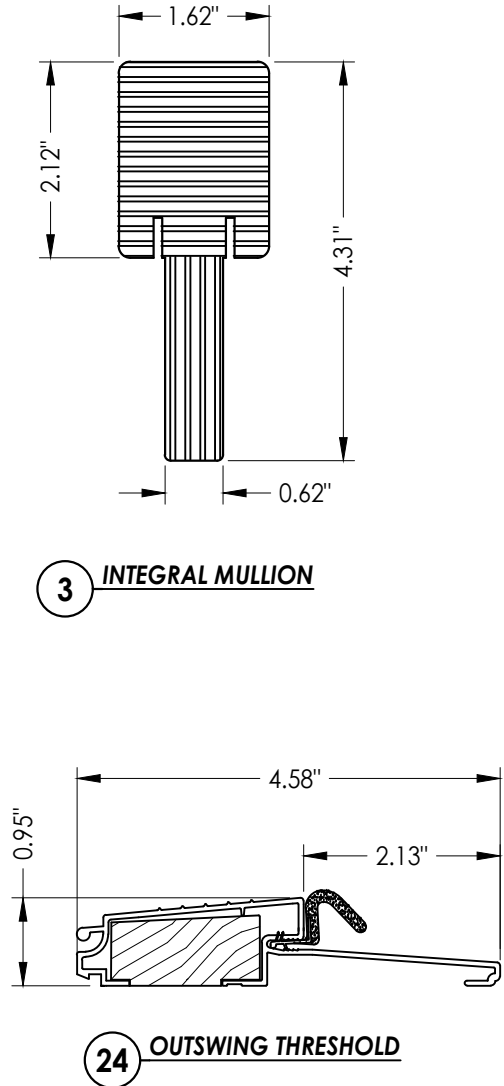
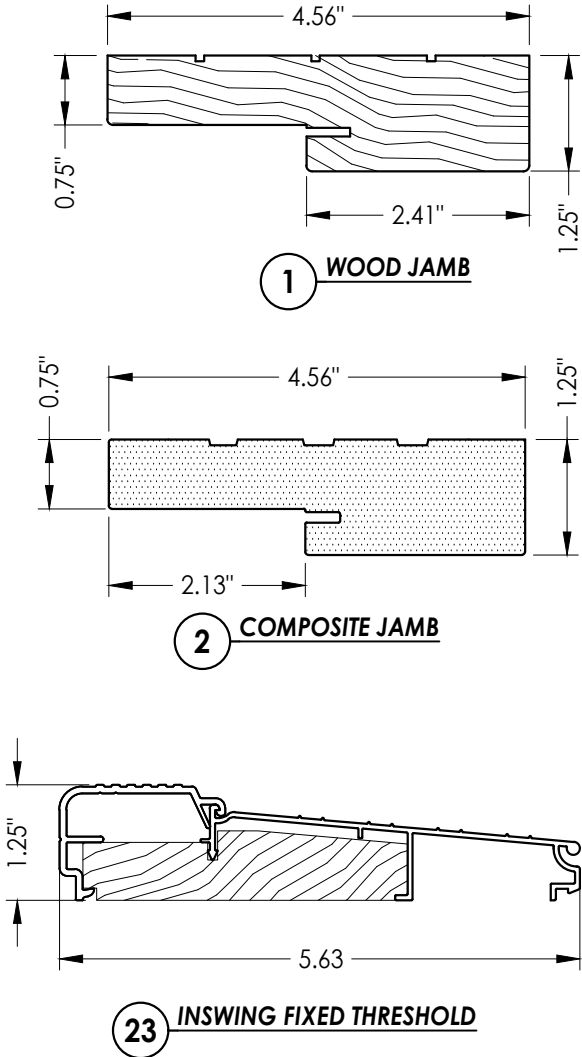
CONCRETE ANCHOR NOTES:

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:
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: DOORSCAPES
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

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

DATE: 2/22/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-46553.2

SHEET 14 OF 14