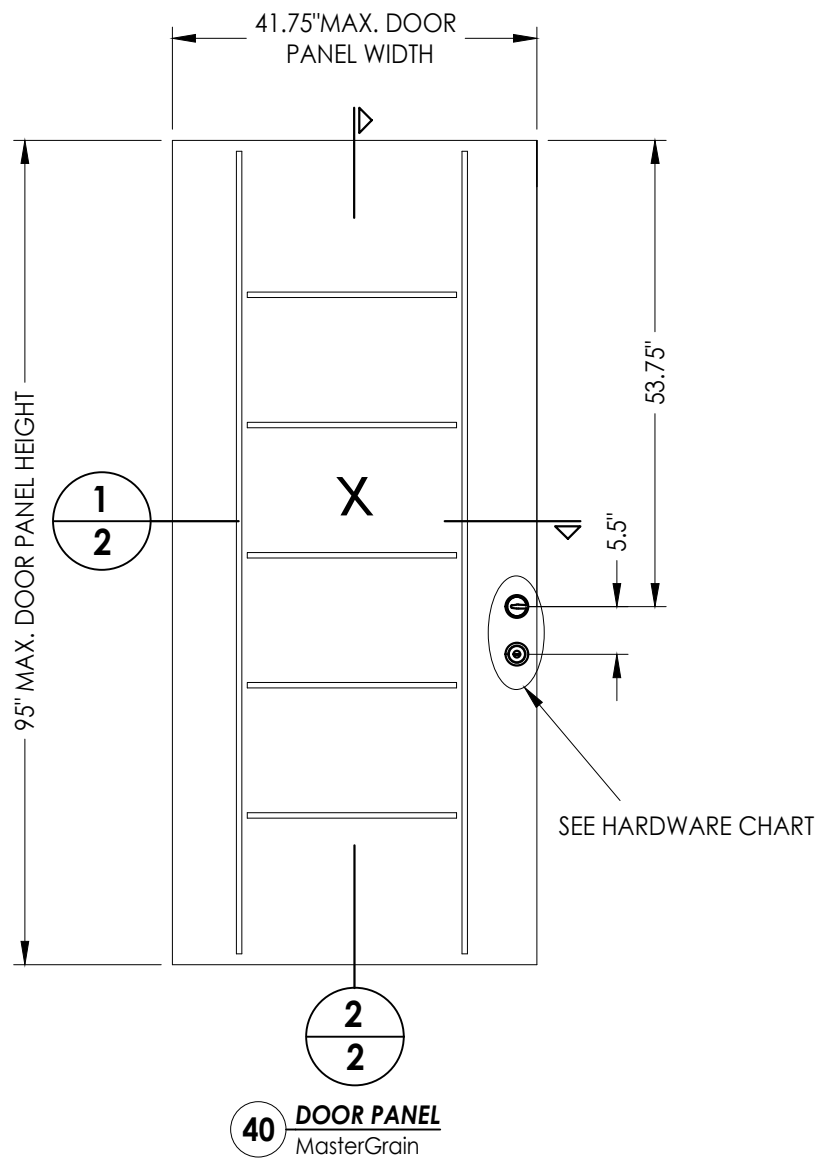
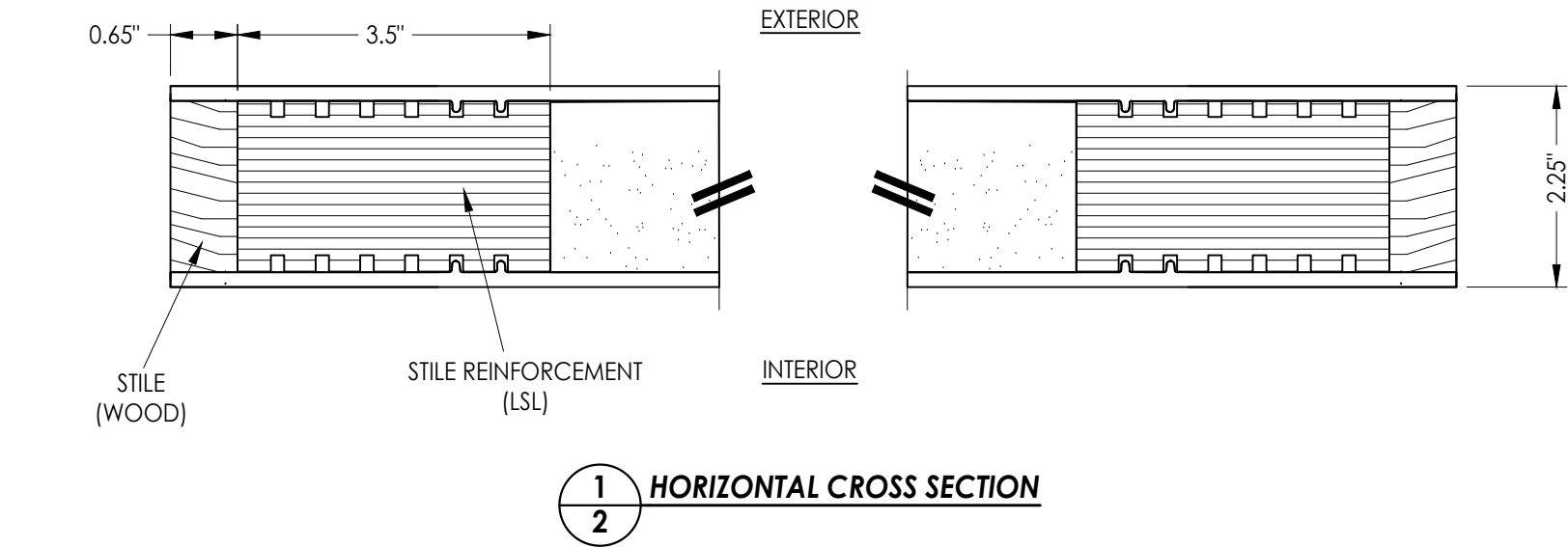
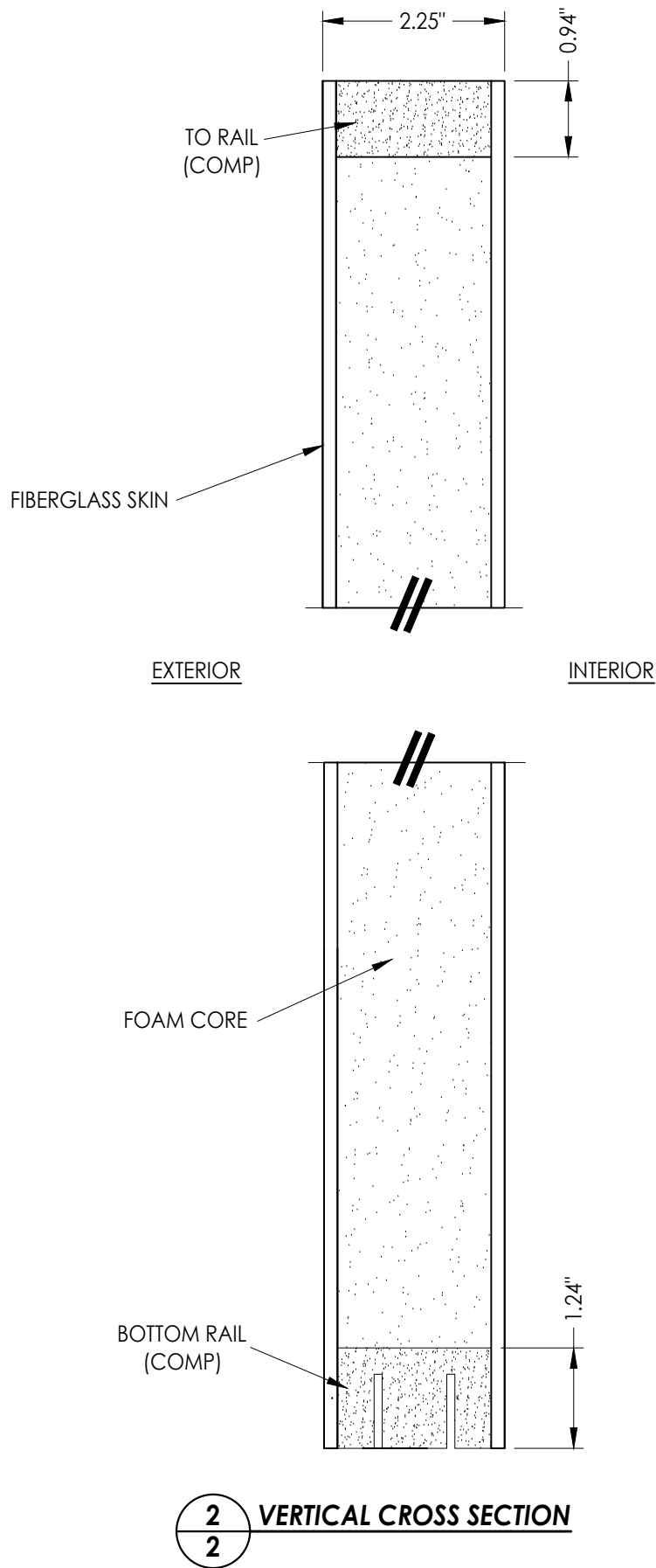


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FIBERGLASS DOOR SKIN: 0.17" MIN. THK.
FOAM CORE: POLYURETHANE - 1.9 PCF MIN.

HARDWARE TABLE	
MANUFACTURER	MODEL
SCHLAGE	KNOB: F-SERIES (F51) DEADBOLT: B-SERIES (B60N)



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: MILLWORK 360 FIBERGLASS DOOR		PART OR ASSEMBLY: DOOR PANEL DETAILS	
		LFS	LFS
	8/12/26	UPDATE TO 9TH ED. (2026)	FBC
	8/08/23	UPDATE TO 8TH ED. (2023)	FBC
	9/21/20	UPDATE TO 7TH ED. (2020)	FBC
	NO.	DATE	BY
REVISIONS			
DATE: 3/28/19			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-29241.1			
SHEET 2 OF 10			

1

2

3

4

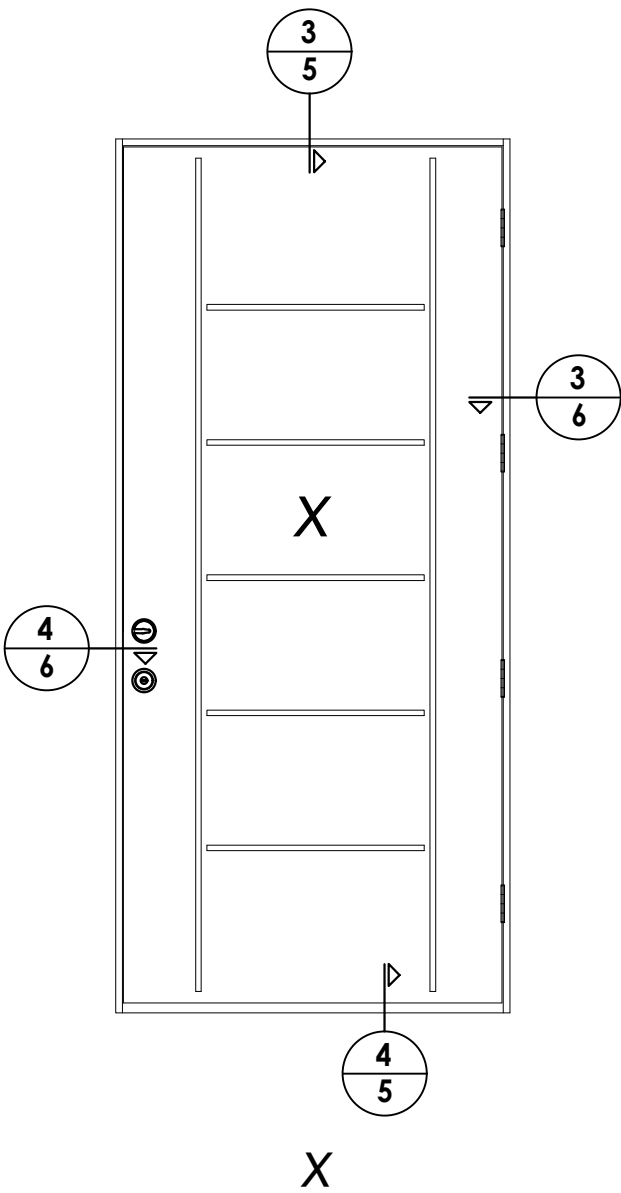
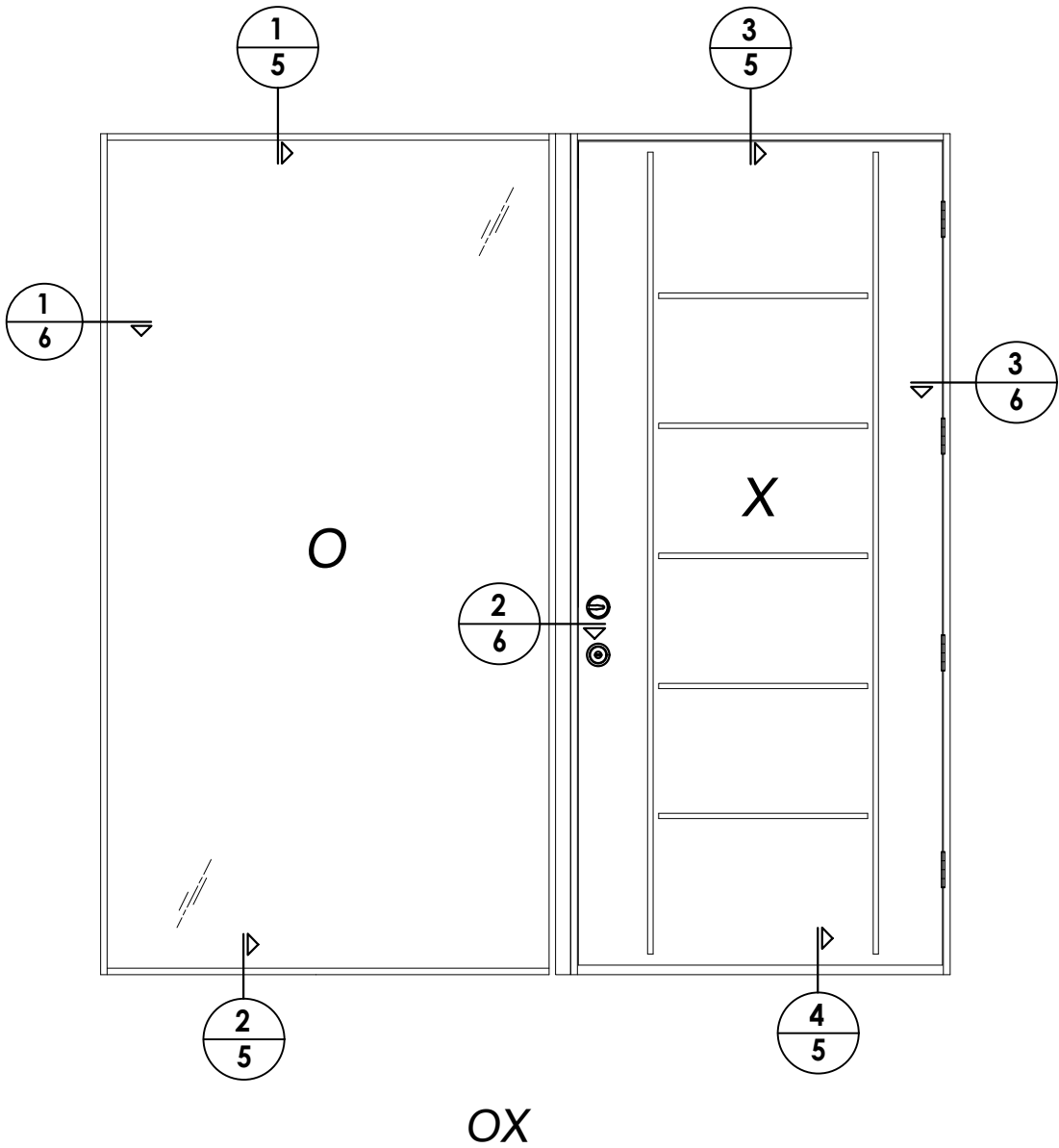
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HORIZONTAL CROSS SECTION

[illegible]

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



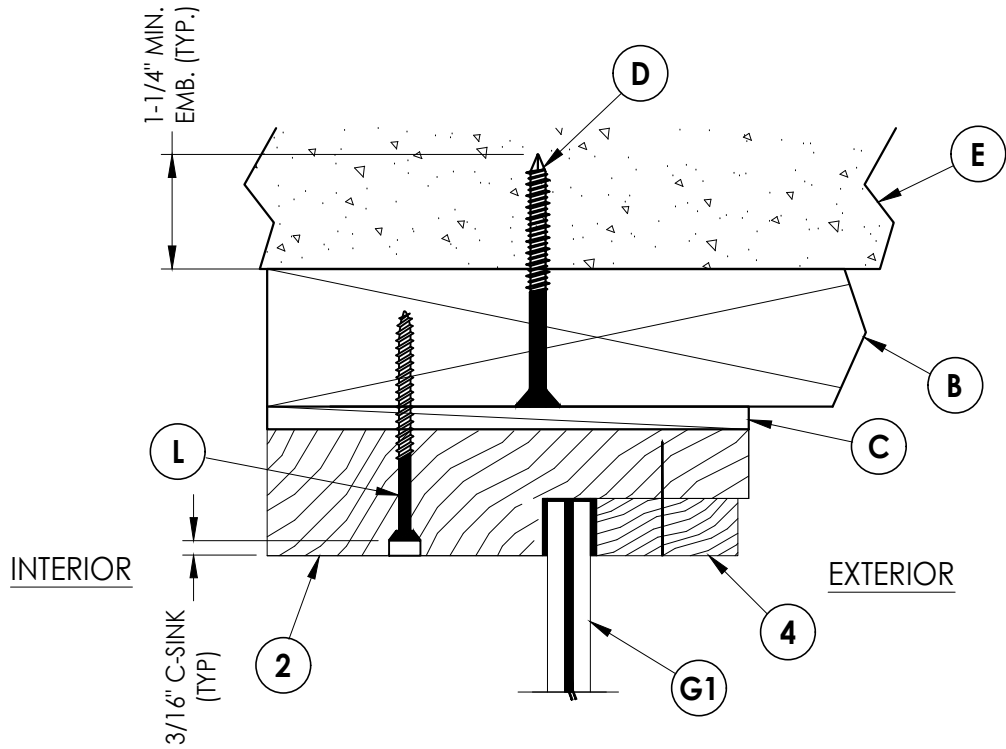
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2	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
1	9/21/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
NO.	DATE			BY
REVISIONS				

DATE:	3/28/19
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-29241.1
SHEET	4 of 10

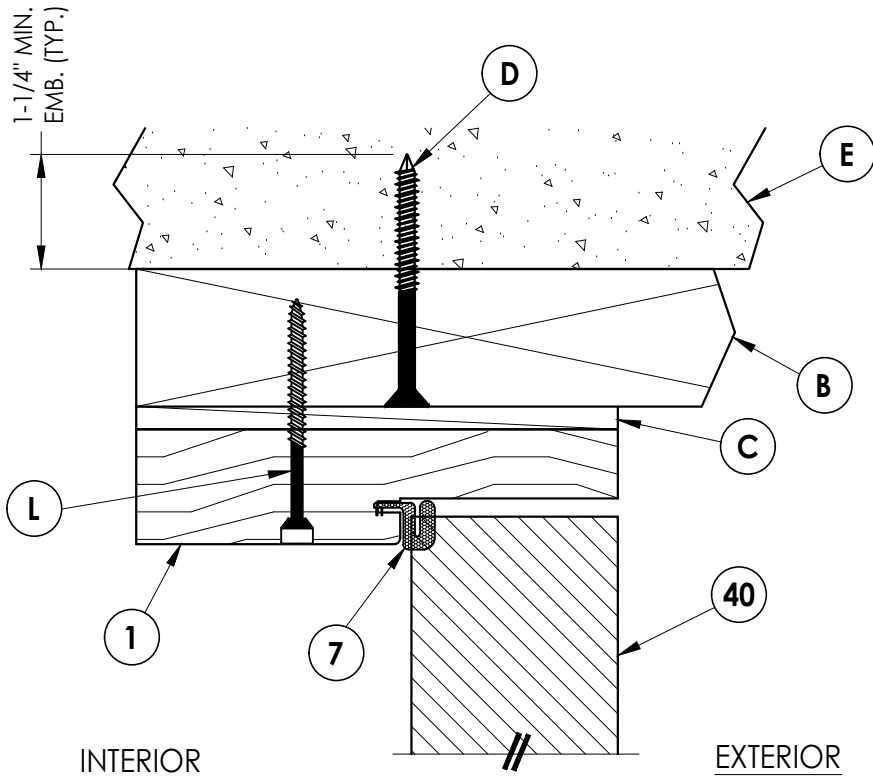
PRODUCT:	MILLWORK 360 FIBERGLASS DOOR
	PART OR ASSEMBLY: ELEVATIONS

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813

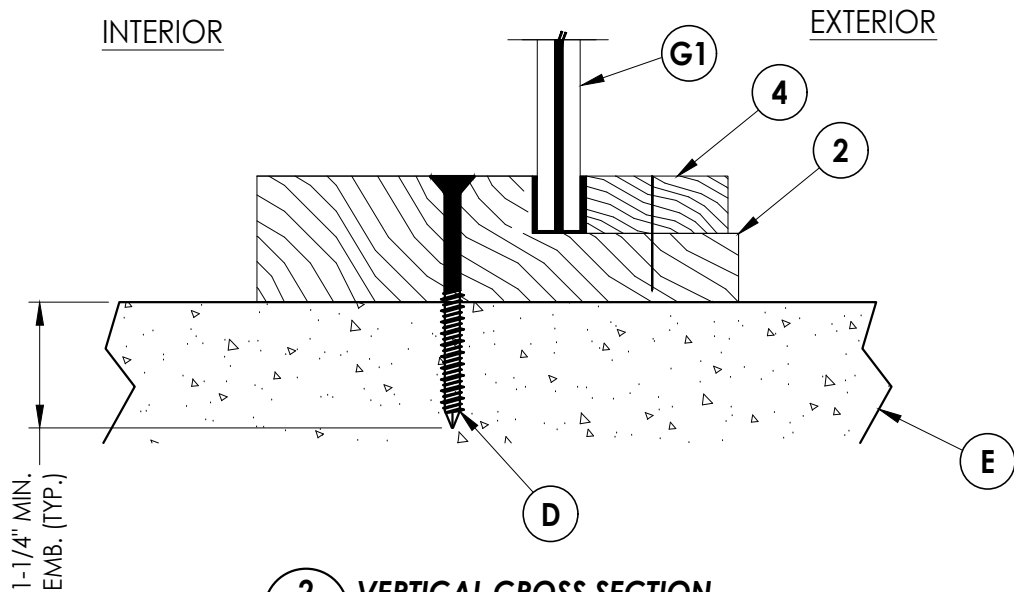
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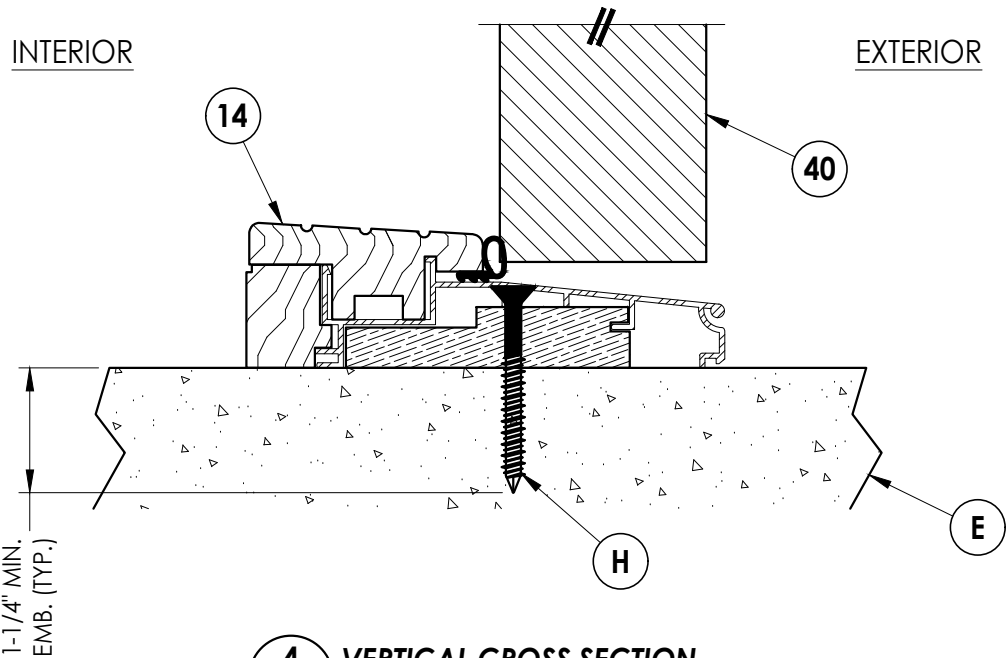
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5 VERTICAL CROSS SECTION



3
5 VERTICAL CROSS SECTION



2
5 VERTICAL CROSS SECTION



4
5 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: MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
3	8/12/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/08/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC LFS
		BY

DATE: 3/28/19

SCALE: N.T.S.

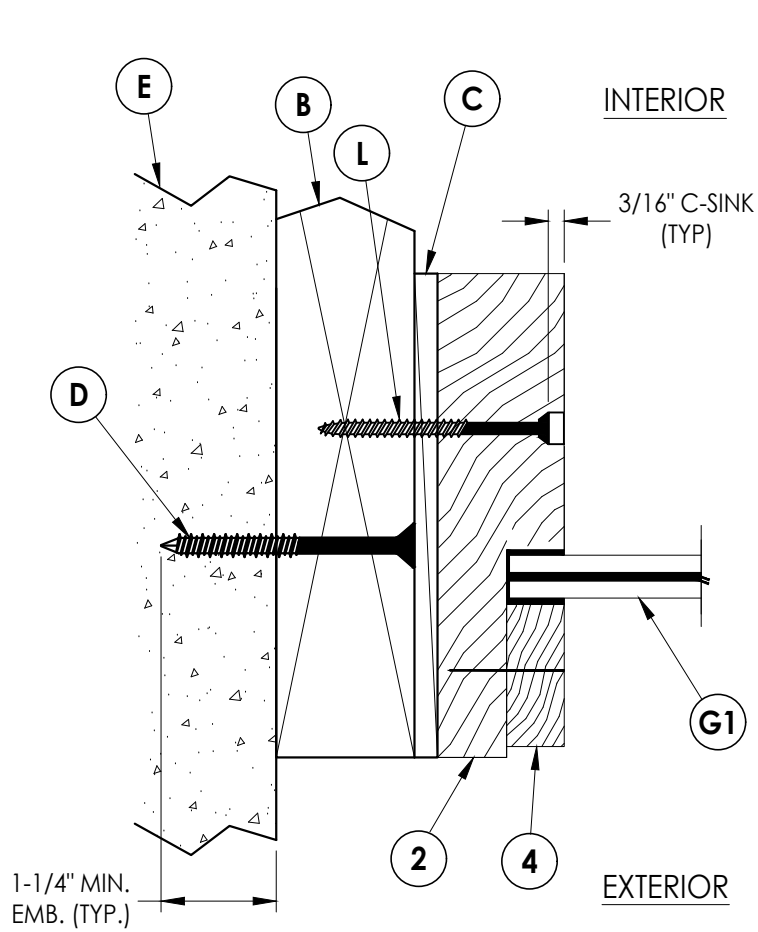
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CHK. BY: RW

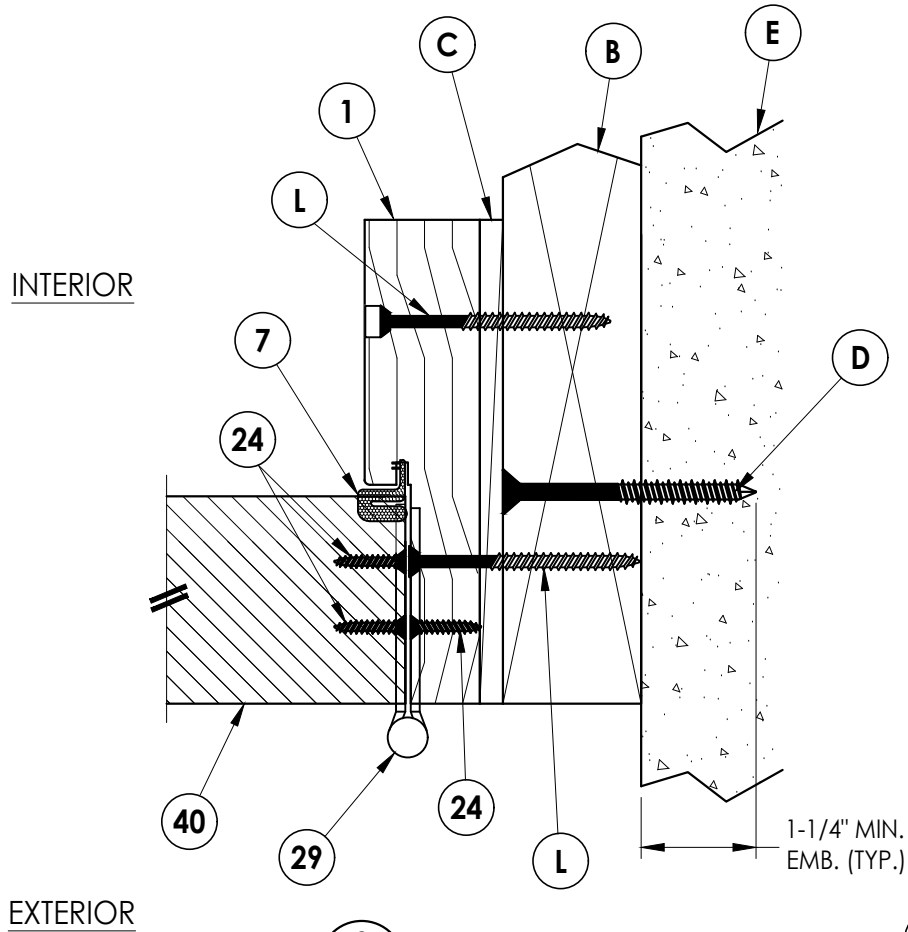
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SHEET 5 OF 10

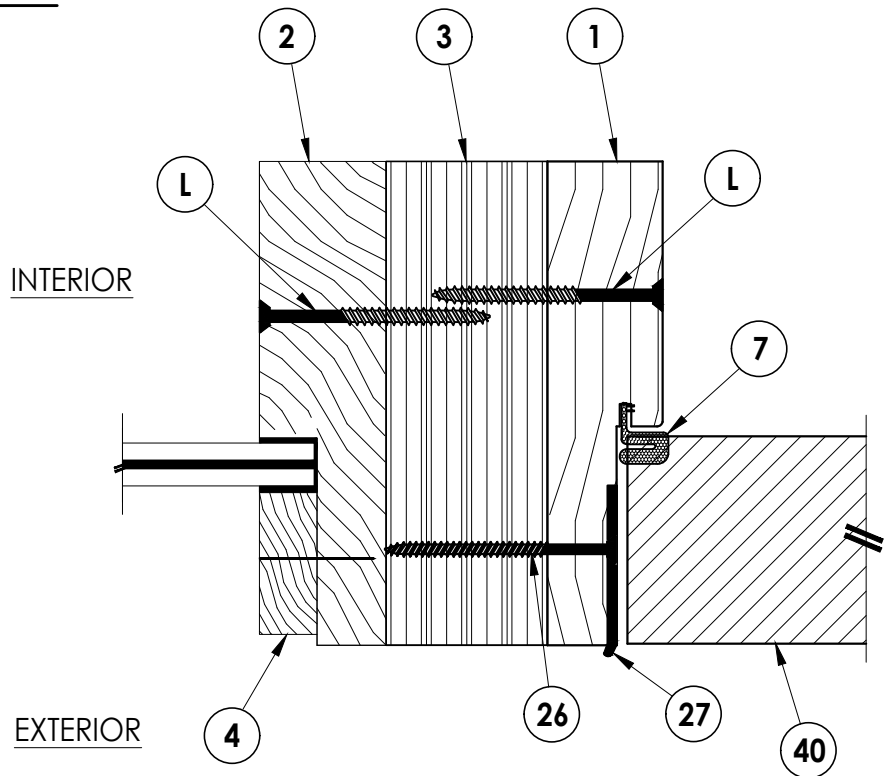
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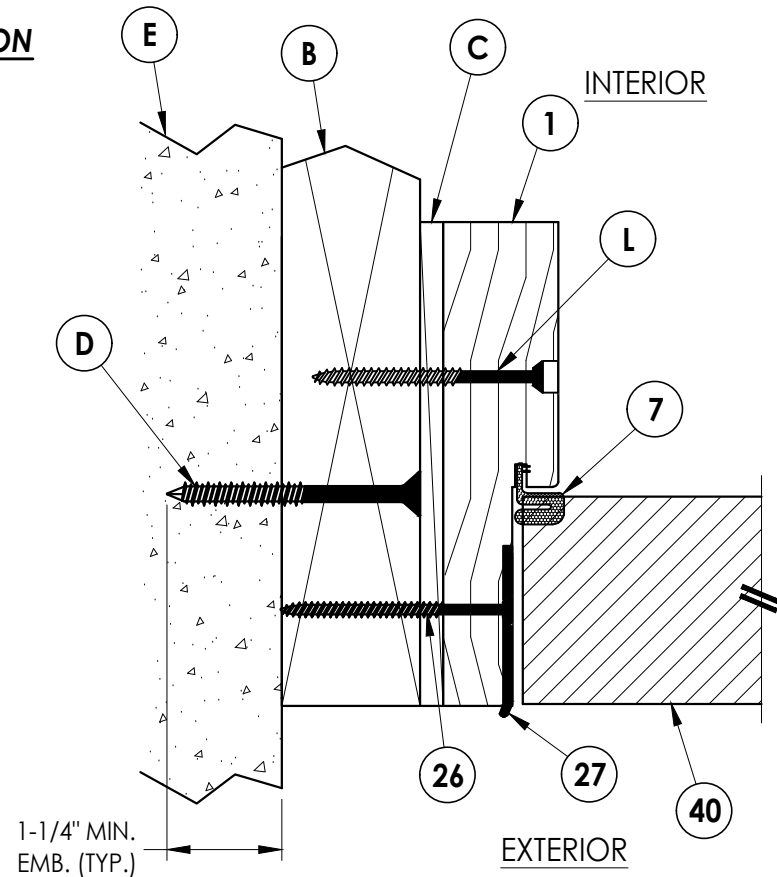
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6 **HORIZONTAL CROSS SECTION**



3
6 **HORIZONTAL CROSS SECTION**



2
6 **HORIZONTAL CROSS SECTION**



4
6 **HORIZONTAL CROSS SECTION**

Documents Prepared By:
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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: MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS
3	8/12/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/08/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC LFS
		BY

DATE: 3/28/19

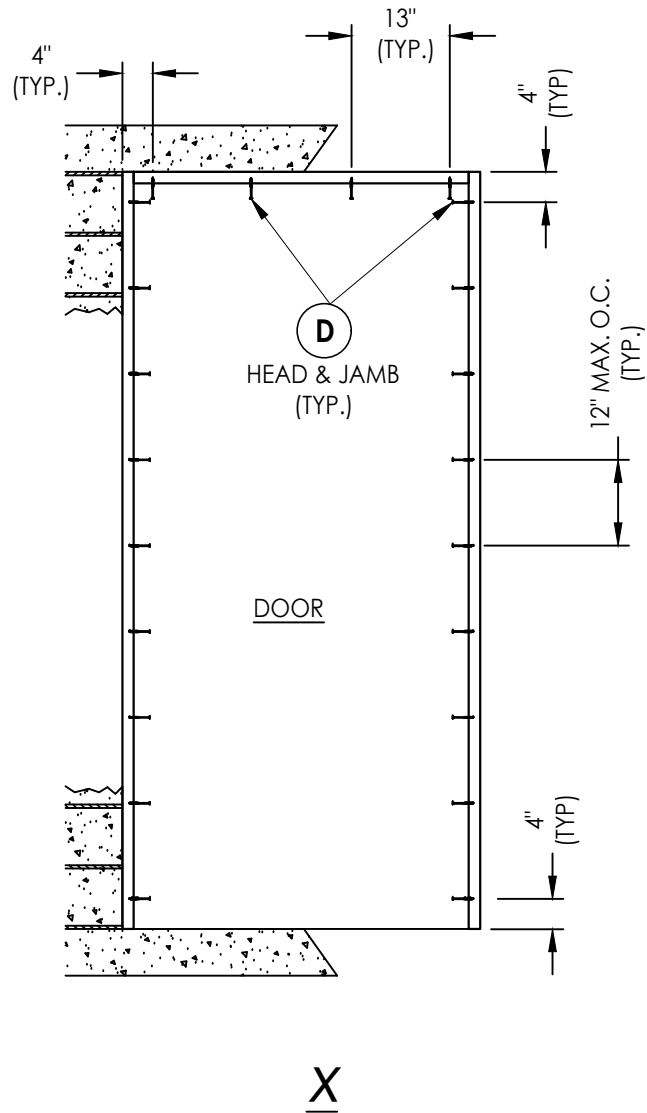
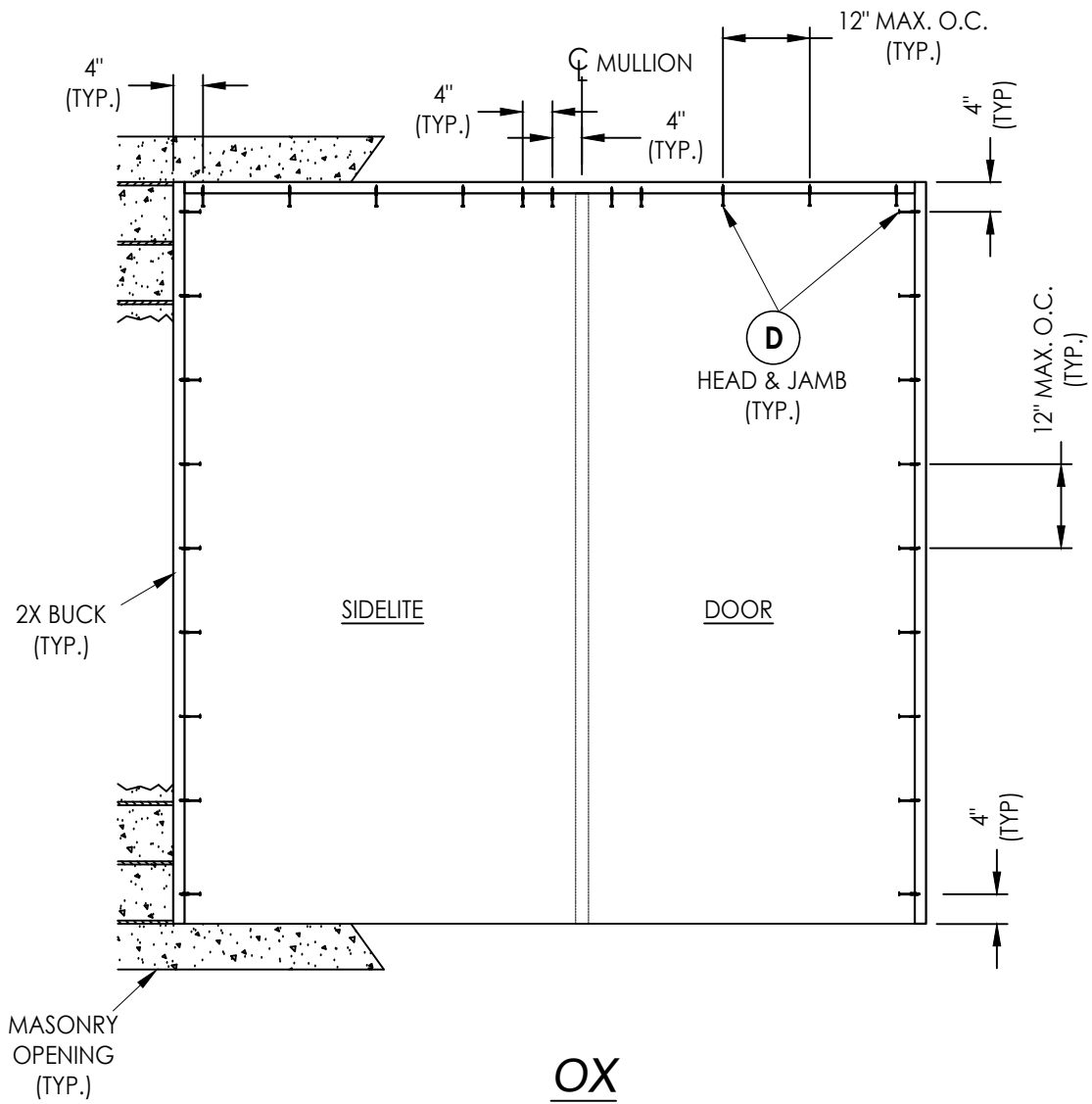
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CHK. BY: RW

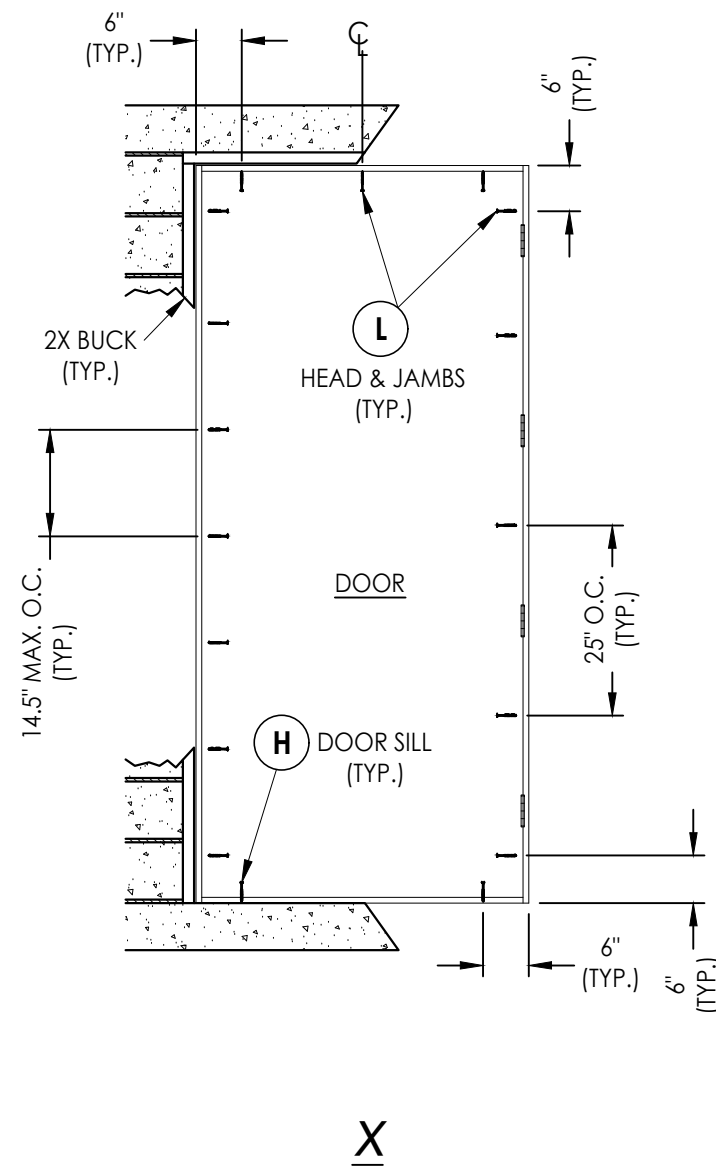
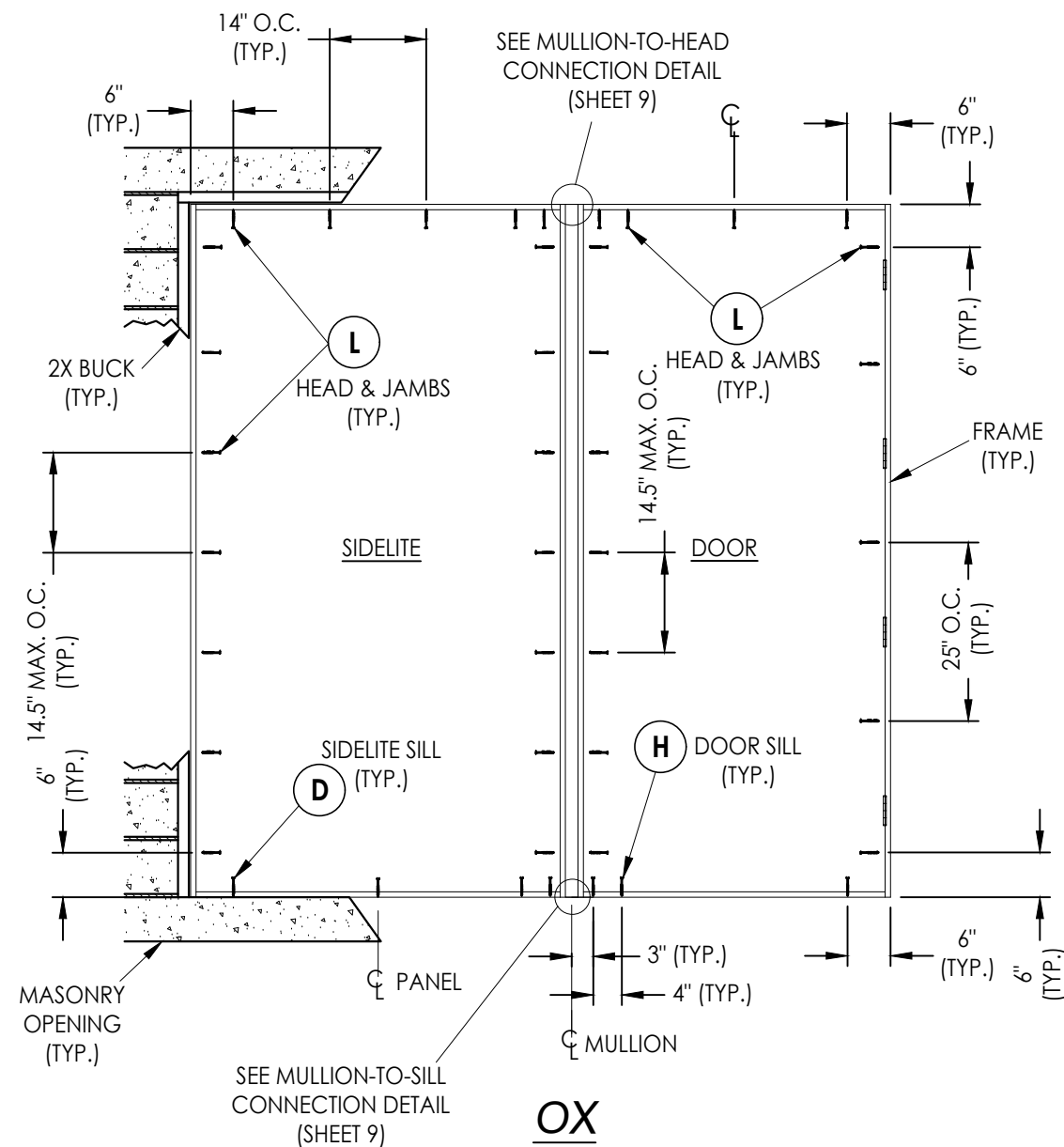
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FL-29241.1

SHEET 6 OF 10



2X BUCK ANCHORING

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PRODUCT:		MILLWORK 360 FIBERGLASS DOOR		PART OR ASSEMBLY:		BUCK ANCHORING	
3	8/12/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
2	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
1	9/21/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
NO.	DATE			BY			
REVISIONS							
DATE: 3/28/19							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-29241.1							
SHEET 7 OF 10							



FRAME ANCHORING

NOTE:

1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH DEEP THREAD WOOD SCREWS @ HEAD & SILL.

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

PRODUCT: MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:

[illegible]

DATE: 3/28/19

SCALE: *N.T.S.*

DWG. BY: *LFS*

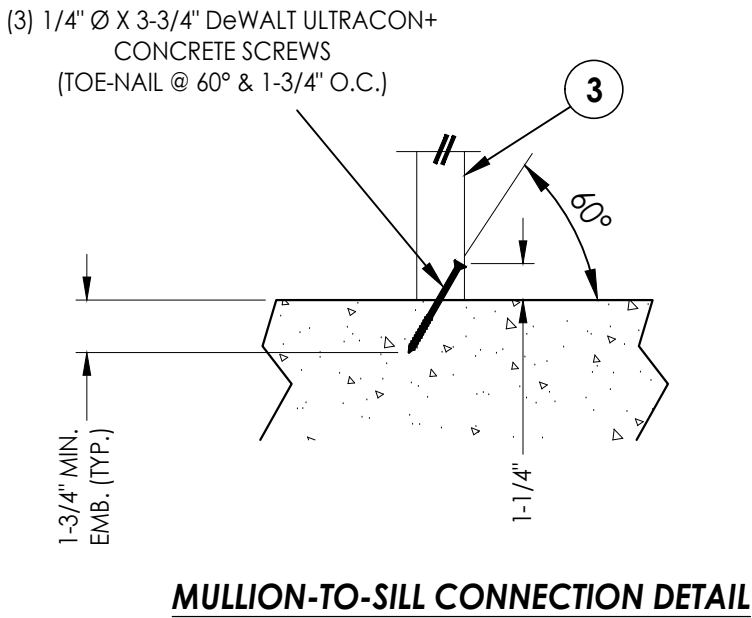
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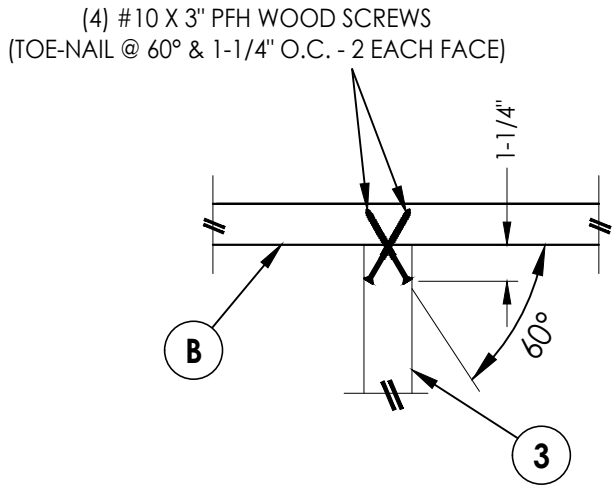
FL-29241.1

SHEET 8 OF 10

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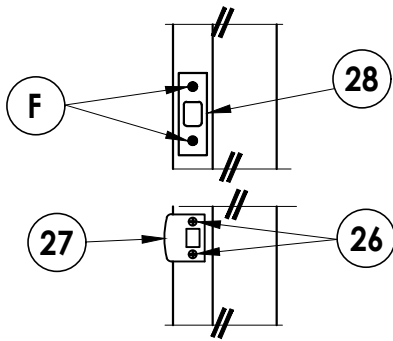


MULLION-TO-SILL CONNECTION DETAIL

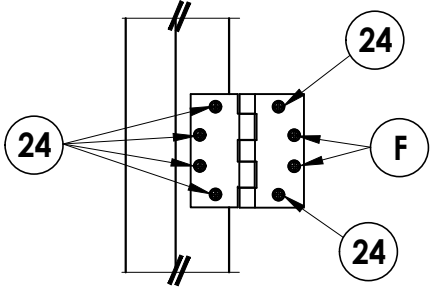


MULLION-TO-HEAD CONNECTION DETAIL

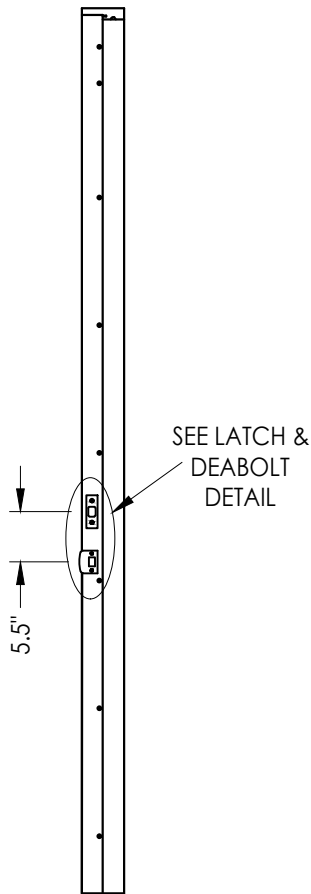
MULLION CONNECTION DETAILS



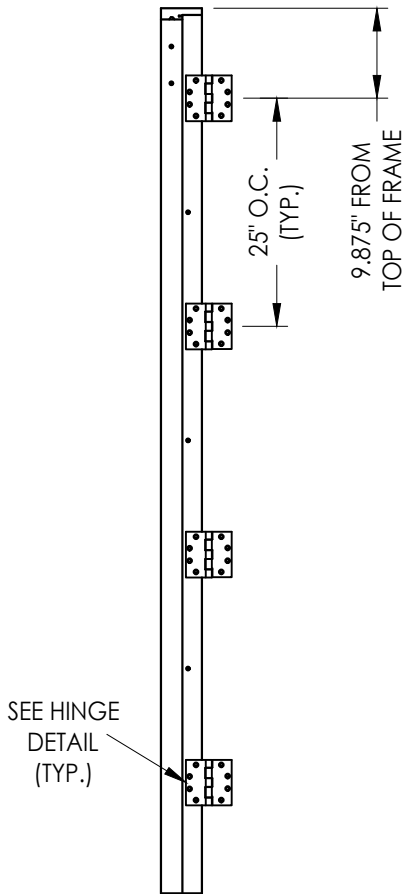
LATCH & DEADBOLT DETAIL



HINGE DETAIL



STRIKE JAMB



HINGE JAMB

HARDWARE DETAILS

DATE: 3/28/19

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-29241.1

SHEET 9 OF 10

PRODUCT:

MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:

HARDWARE & MULLION
CONNECTION DETAILS

REVISIONS

NO.	DATE	BY
3	8/12/26	UPDATE TO 9TH ED. (2026) FBC LFS
2	8/08/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	9/21/20	UPDATE TO 7TH ED. (2020) FBC LFS

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.55)	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	#12 X 2-1/2" PFH SMS	STEEL
H	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1-1/16" MIN. EMBEDMENT)	STEEL
1	JAMB (DOOR)	WOOD
2	JAMB (SIDELITE)	WOOD
3	MULLION	LVL
4	GLAZING BEAD	WOOD
7	WEATHERSTRIP	FOAM
14	OUTSWING BUMP THRESHOLD	ALUM/WOOD
22	#12 X 1-1/2" PFH SMS	STEEL
24	#12 X 1-1/4" PFH SMS	STEEL
26	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
29	5" X 5" HINGE	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-

WOOD DOOR COMPONENTS: SIPO (UTILE) (G = 0.53)

CORROSION RESISTANCE - SALTWATER ENVIRONMENT

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

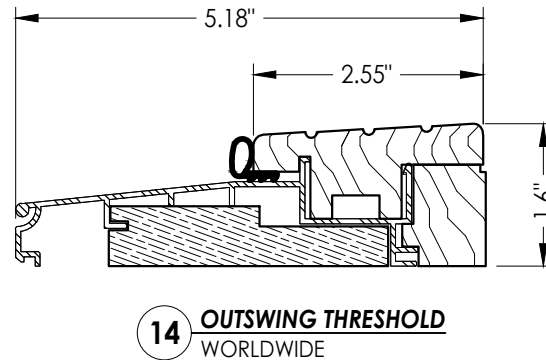
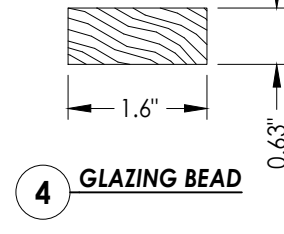
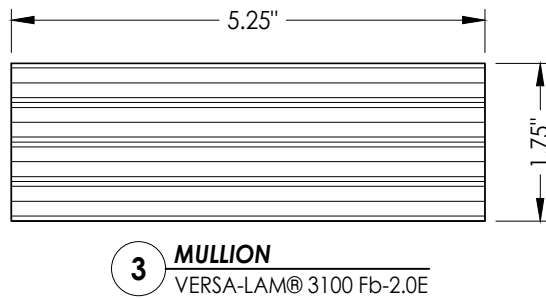
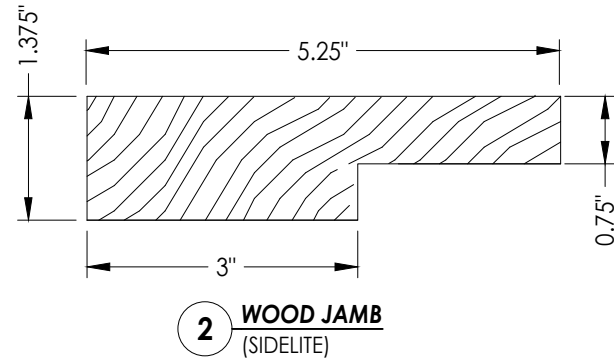
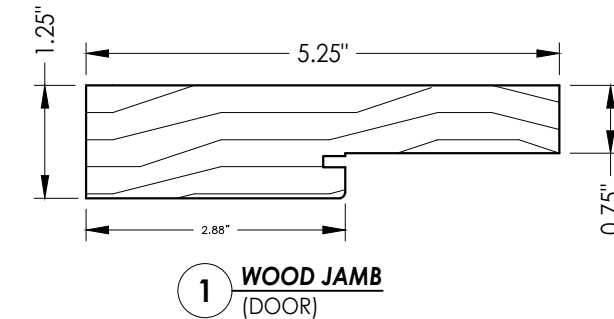
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- Concrete anchor table:

ANCHOR TYPE	LOCATION	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	HEAD, JAMBS & SILL	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®		1/4"	1-1/4"	1"	4"
DeWALT ULTRACON®	MULLION TO SILL	1/4"	1-3/4"	2-1/2"	1-3/4"

WOOD SCREW INSTALLATION NOTES:

- 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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Phone No.: 813.659.9197

FBPE Registry No. 9813

PRODUCT:

MILLWORK 360
FIBERGLASS DOOR

PART OR ASSEMBLY:

BILL OF MATERIALS
& COMPONENTS

DATE: 3/28/19

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-29241.1

SHEET 10 OF 10