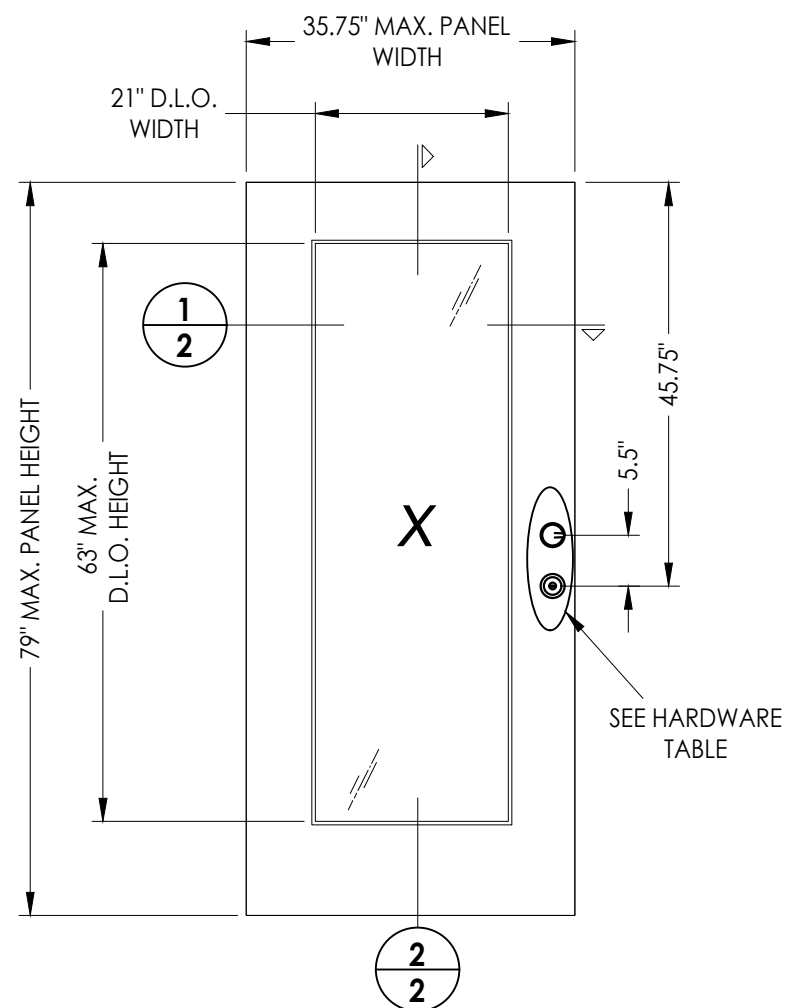
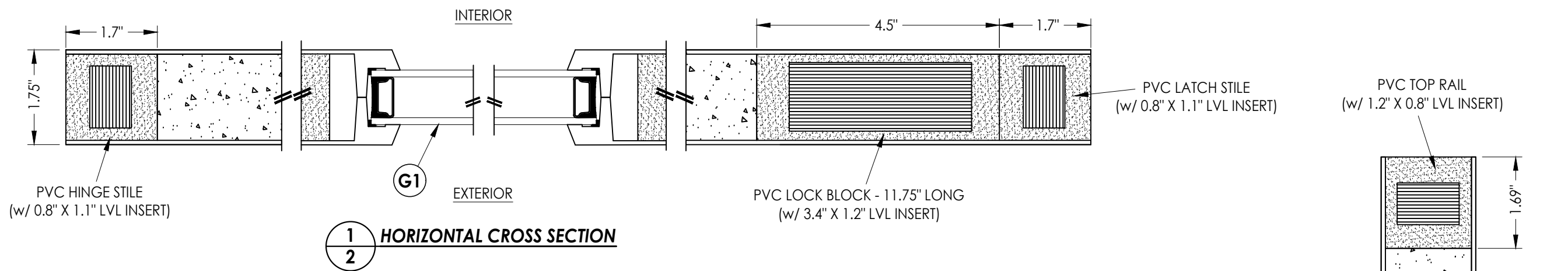
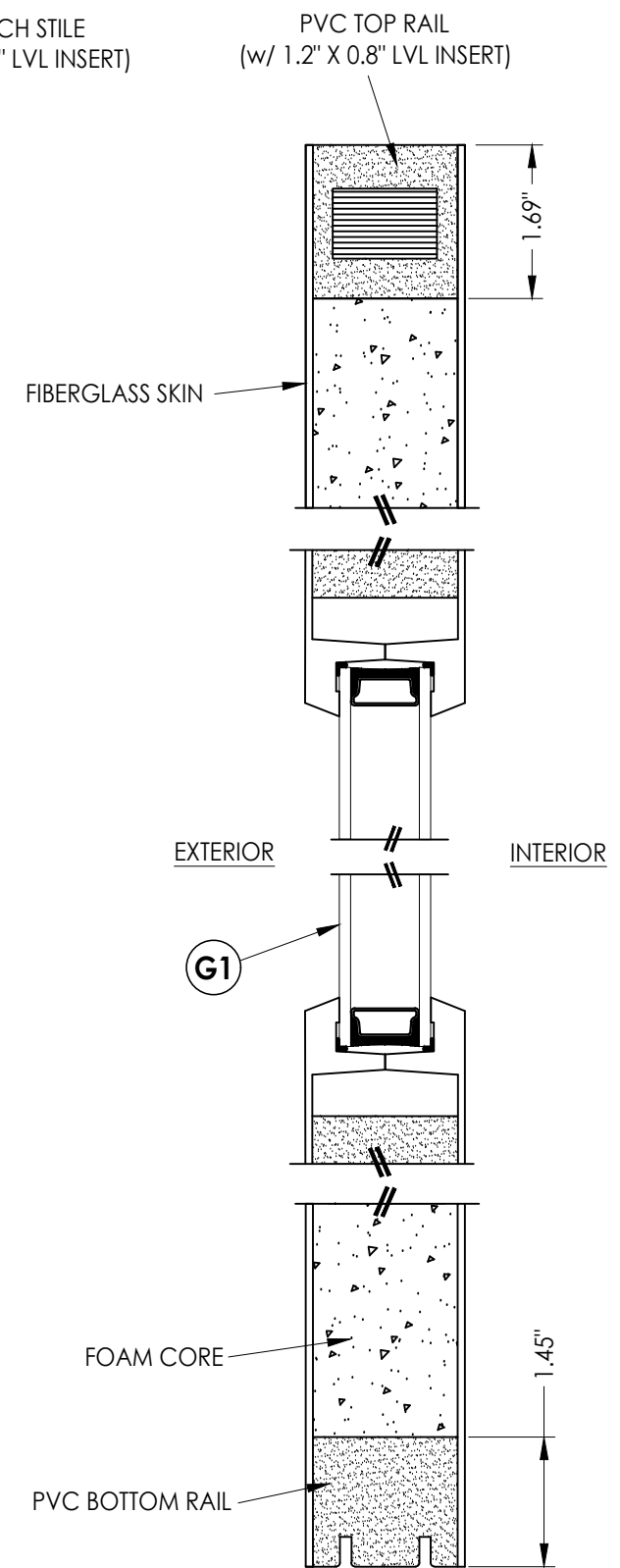




HARDWARE CHART	
MANUFACTURER	MODEL
SCHLAGE	KNOB: F SERIES DEADBOLT: B60 SERIES



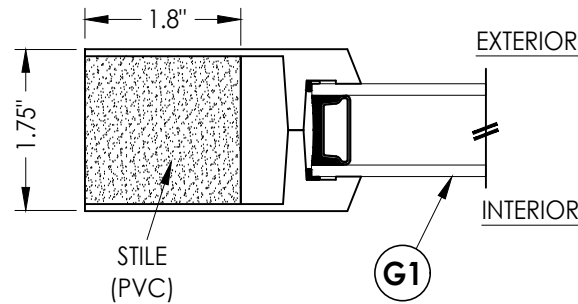
DATE:	9/10/24
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-47793.3
SHEET	2 OF 12

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

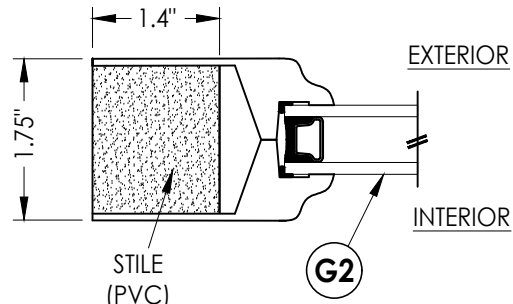
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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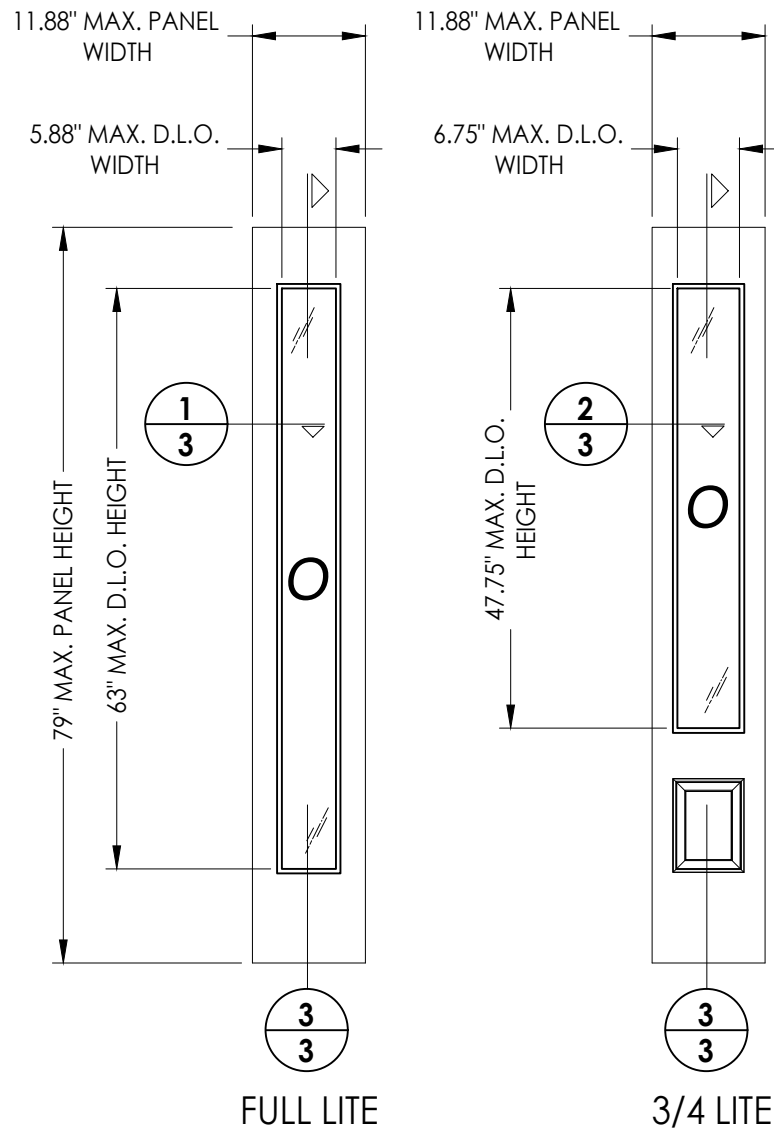
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1 HORIZONTAL CROSS SECTION
3

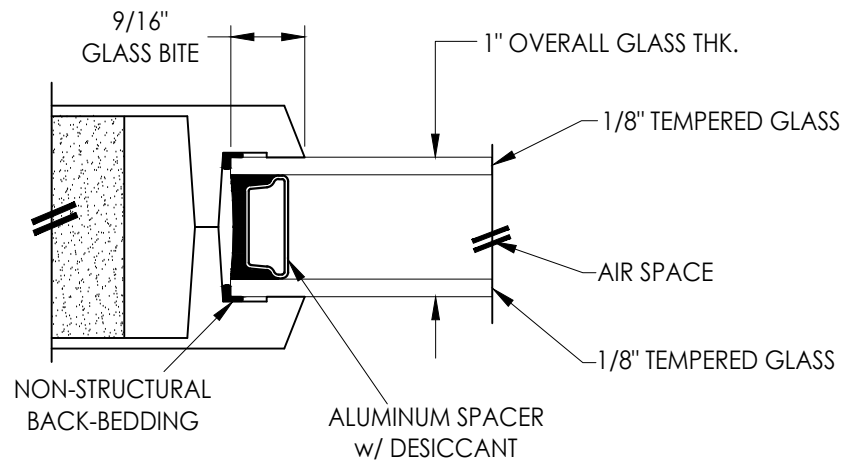


2 HORIZONTAL CROSS SECTION
3

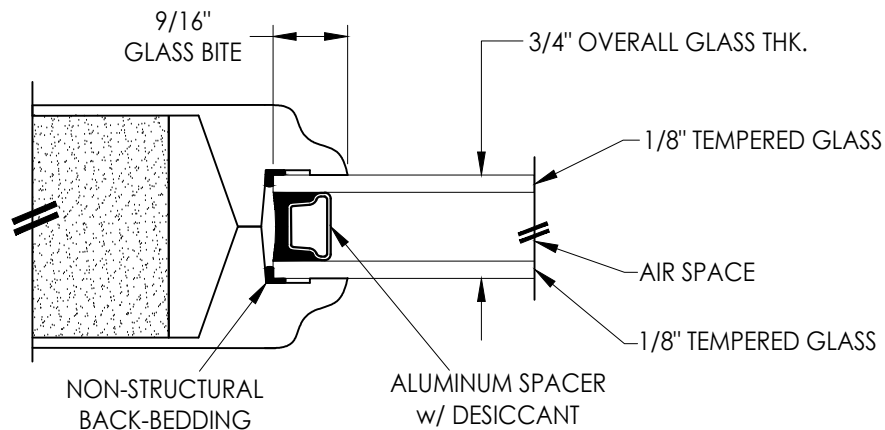


50 FIBERGLASS SIDELITE PANEL
LILY INDUSTRIES CO.

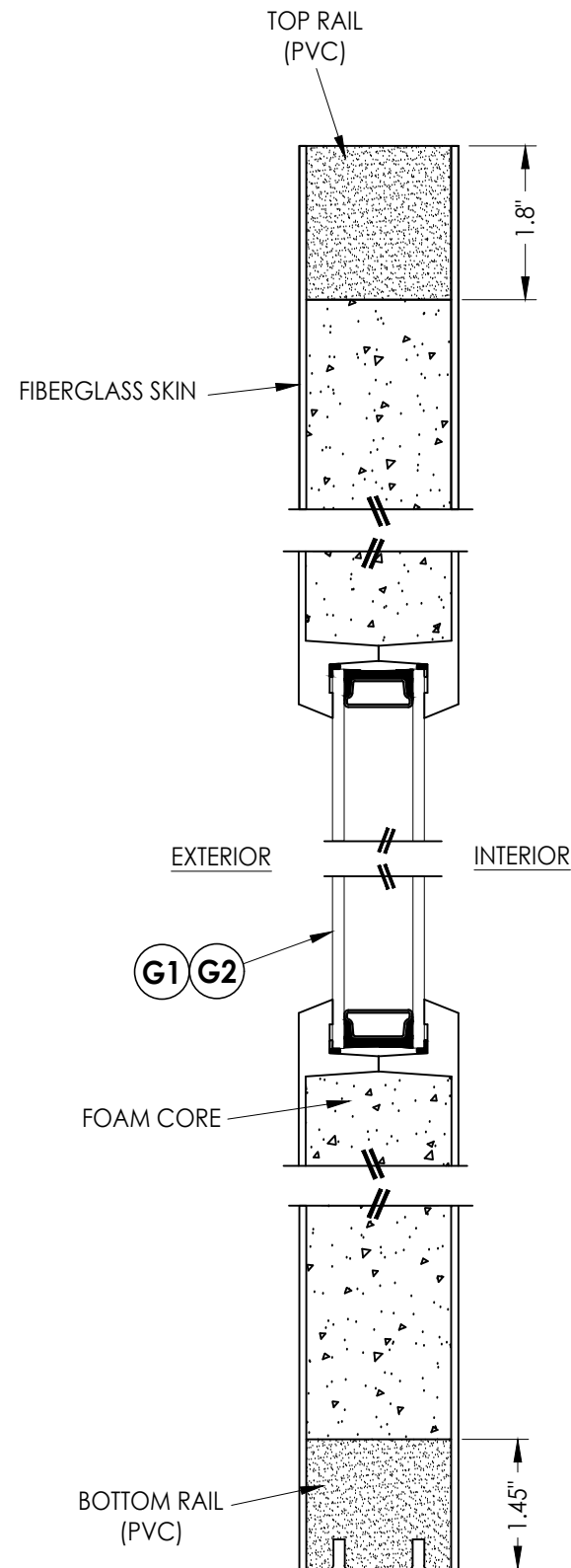
FIBERGLASS SKIN: 0.090" MIN. THK.
FOAM CORE: POLYURETHANE -1.9 PCF MIN.



G1 GLAZING DETAIL



G2 GLAZING DETAIL



2 VERTICAL CROSS SECTION
3

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

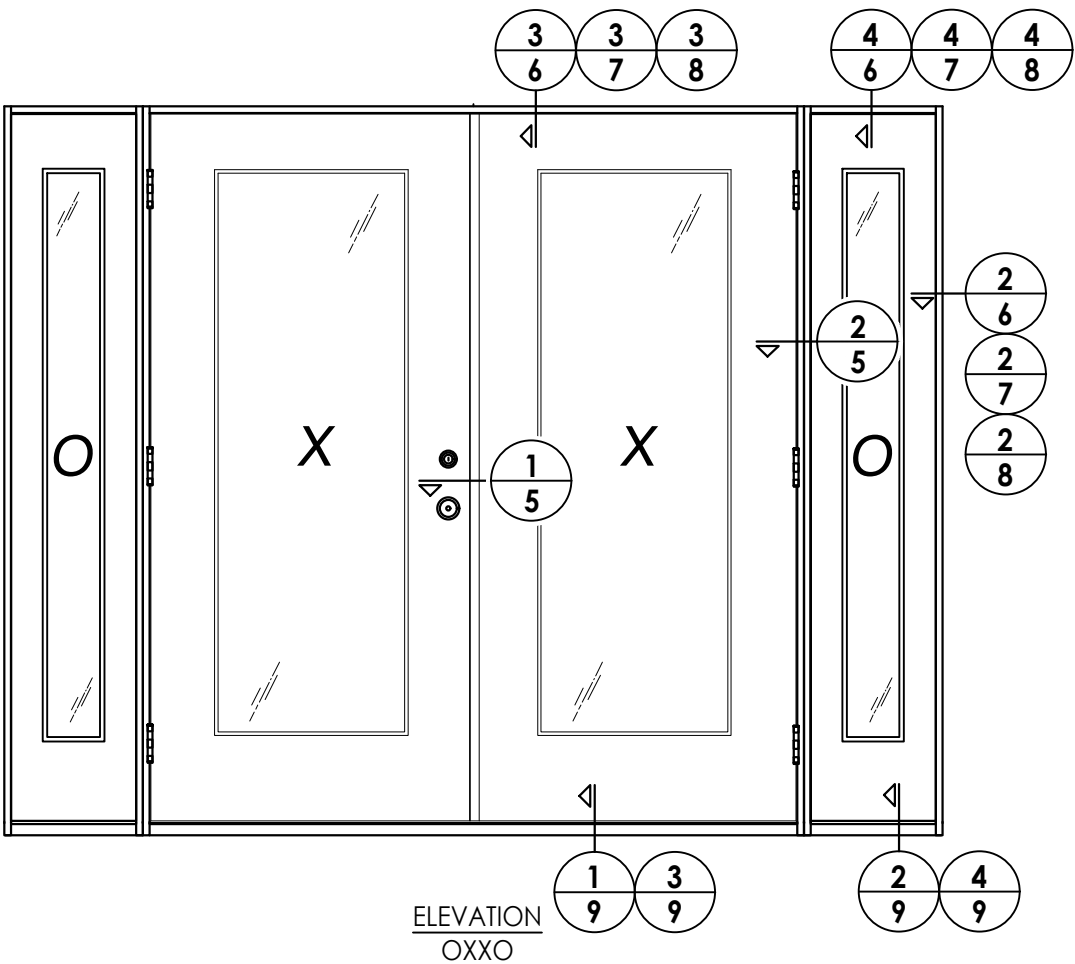
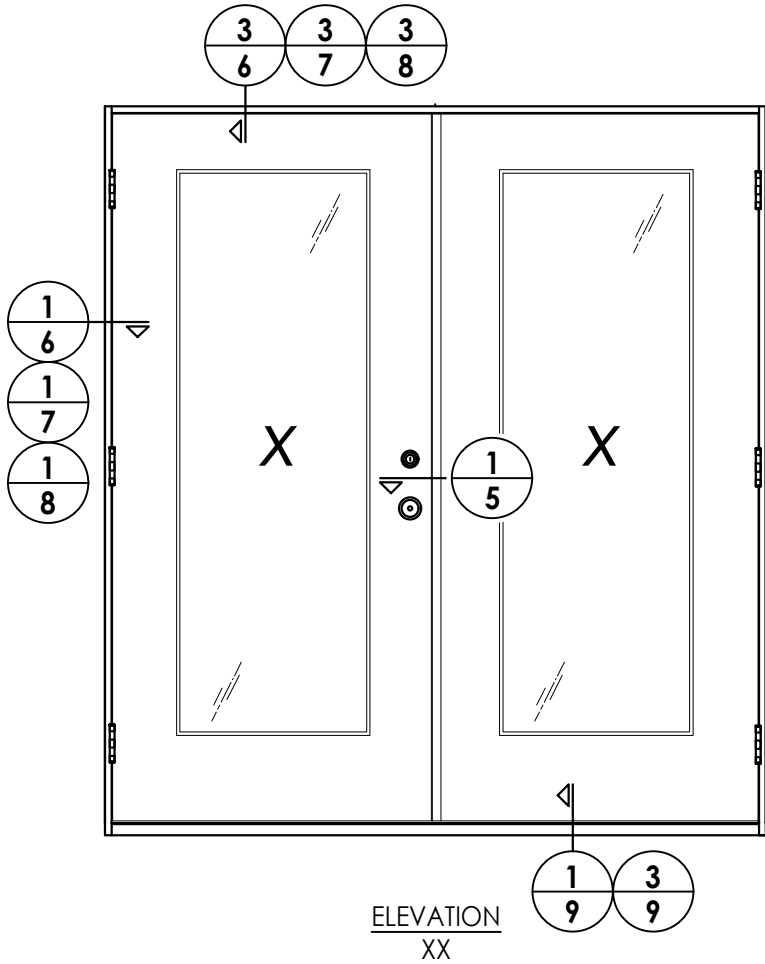
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: YOUNG MFG
FIBERGLASS DOOR
PART OR ASSEMBLY:
SIDELITE PANEL & LITE FRAME
GLAZING DETAILS

REVISIONS		NO.	DATE	BY

DATE: 9/10/24
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-47793.3
SHEET 3 OF 12

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DATE: 9/10/24
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-47793.3
SHEET 4 OF 12

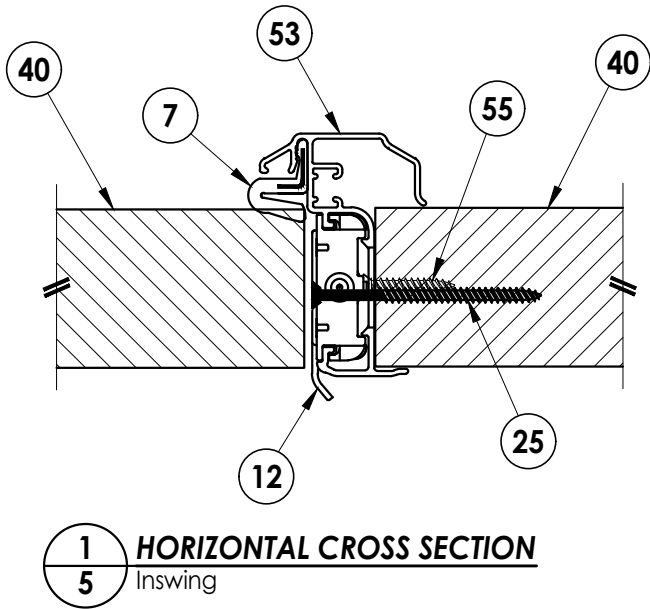
NO	DATE	REVISIONS	BY

PRODUCT: YOUNG MFG 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

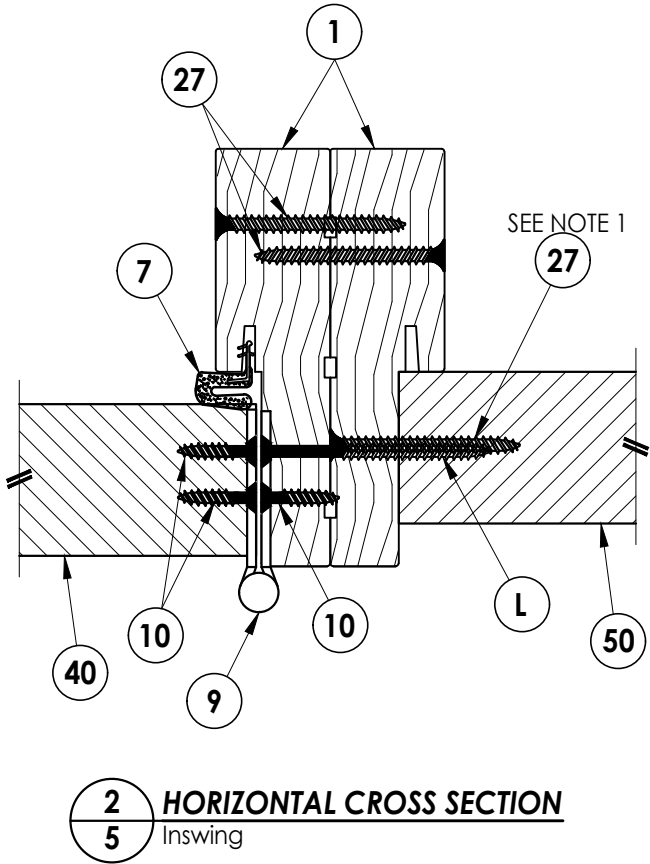
Z:\2023 FBC Drawings\Young MFG\FL-47793 R1\FL-47793.3.dwg

NOTES:
1. Sidelite assembly screws located equally spaced between each hinge (2 total).



EXTERIOR

INTERIOR



DATE: 9/10/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-47793.3

SHEET 5 OF 12

PRODUCT: YOUNG MFG
FIBERGLASS DOOR

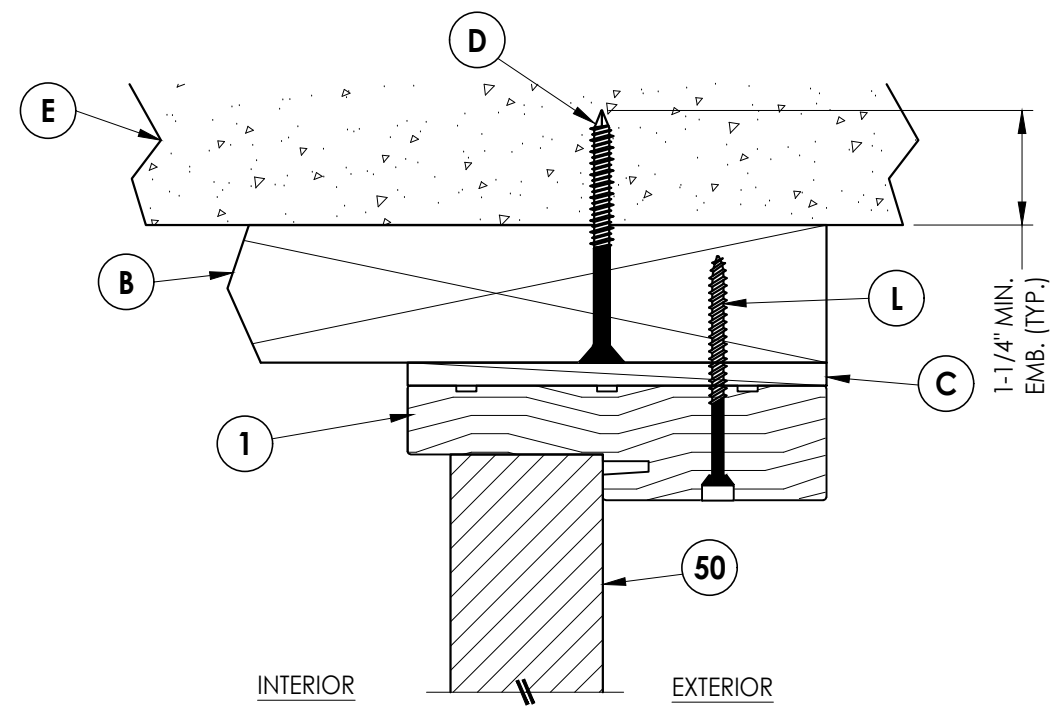
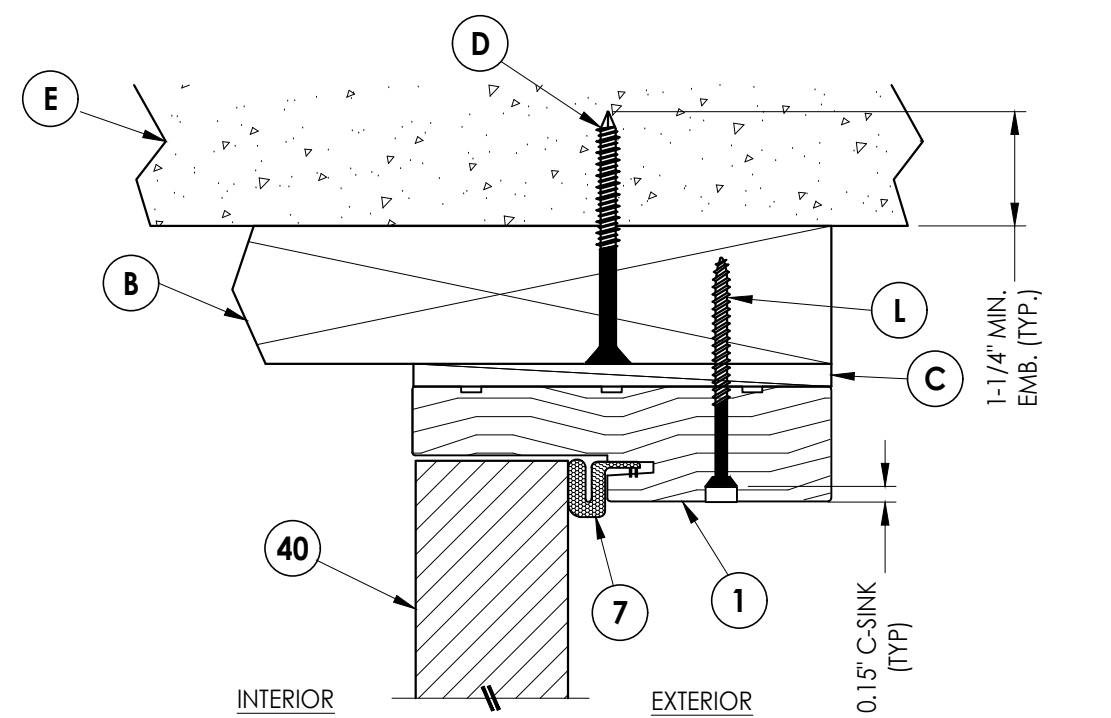
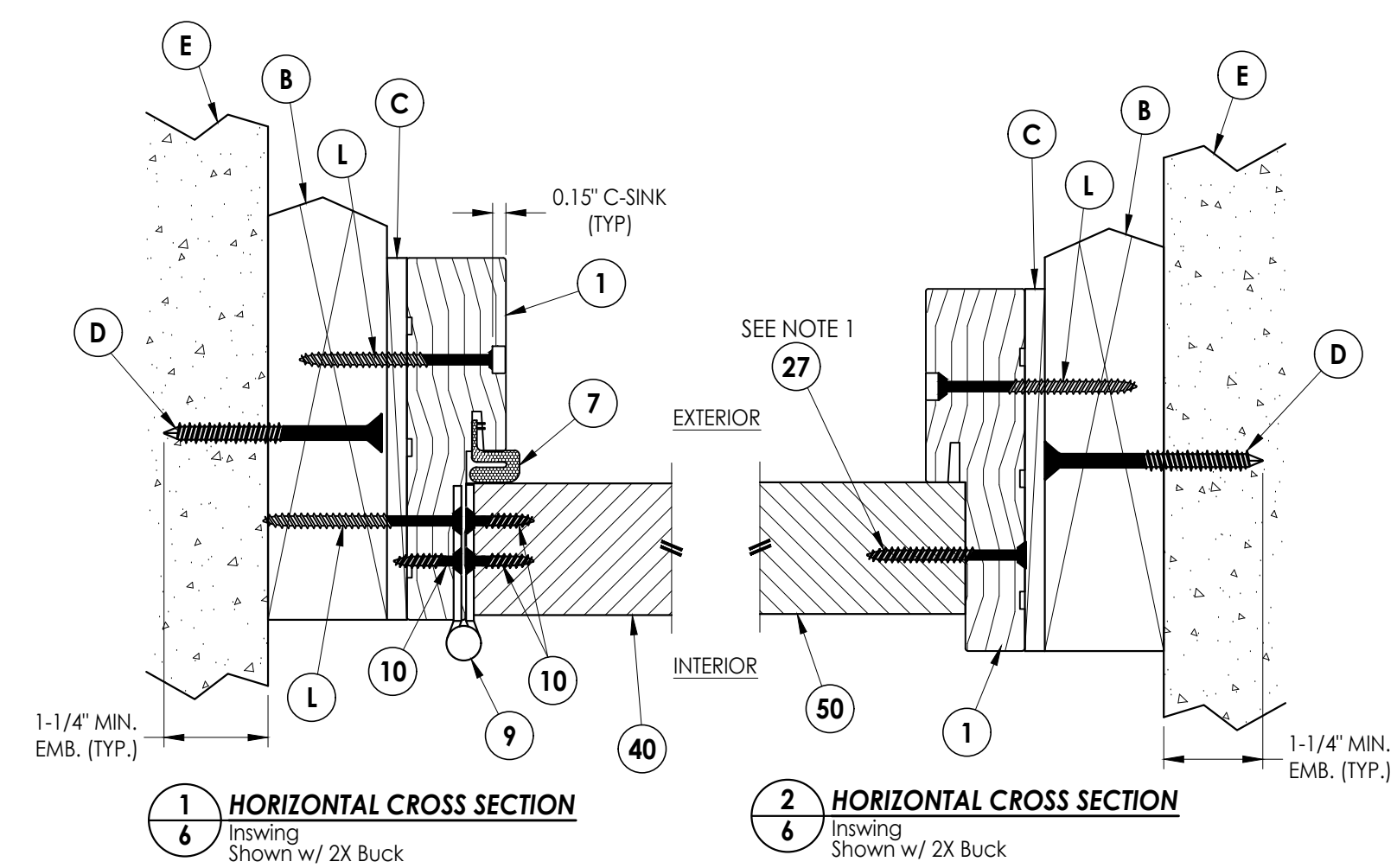
PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

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

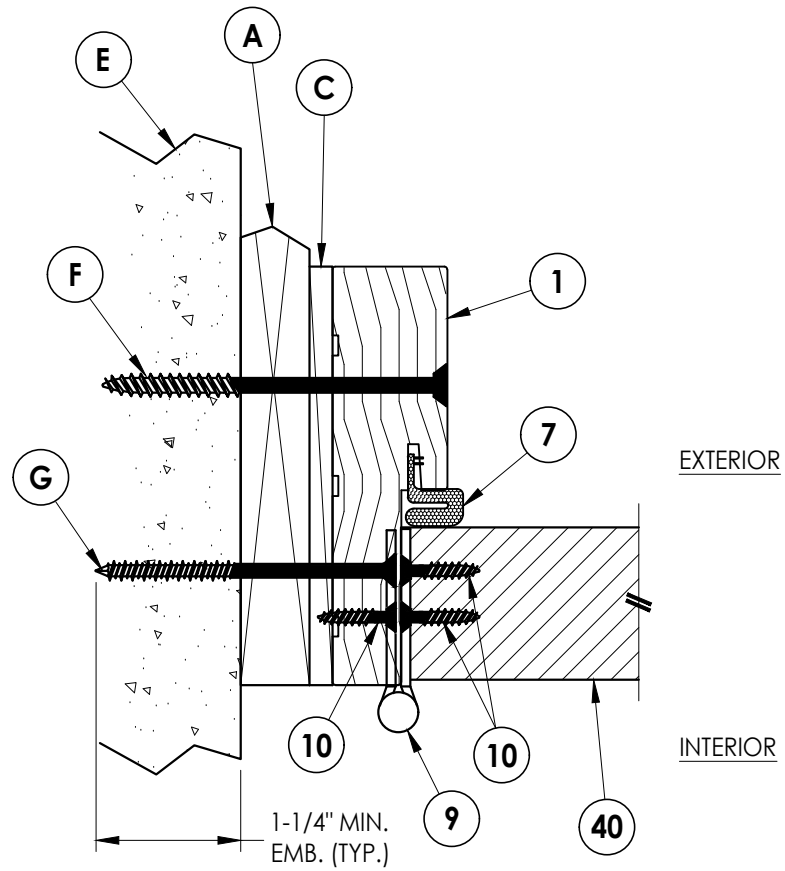
RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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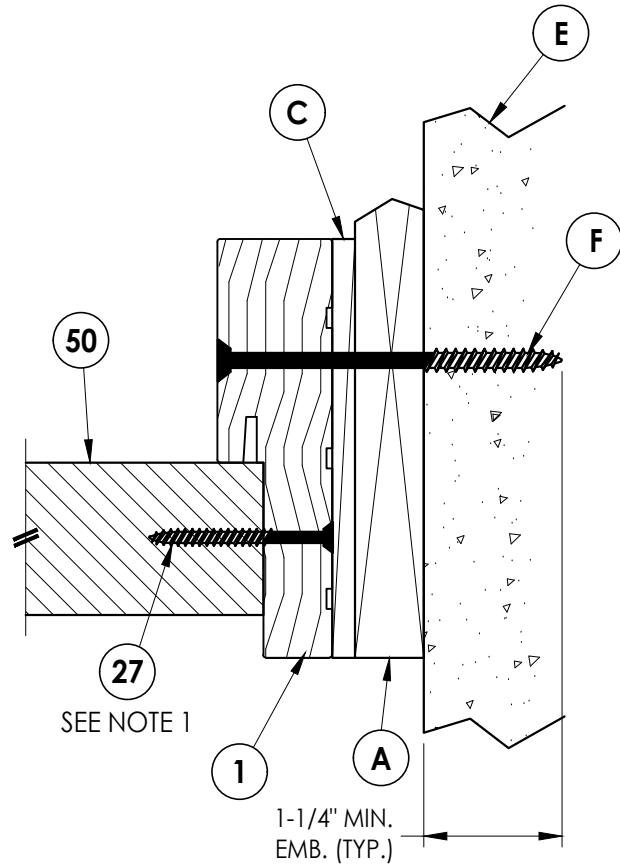
NOTE:
1. Sidelite assembly screws located 4" from each end plus 4 more equally spaced (6 total).



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: YOUNG MFG FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)	
		REVISIONS	
		NO.	DATE
		BY	
DATE: 9/10/24			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-47793.3			
SHEET 6 OF 12			

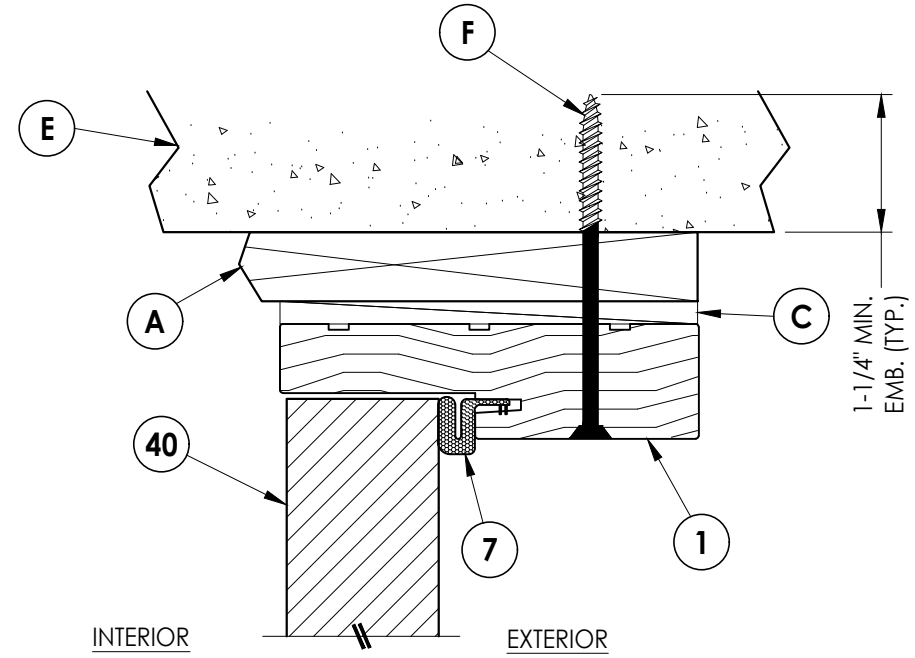


1 **HORIZONTAL CROSS SECTION**
7 Inswing
Shown w/ 1X Buck

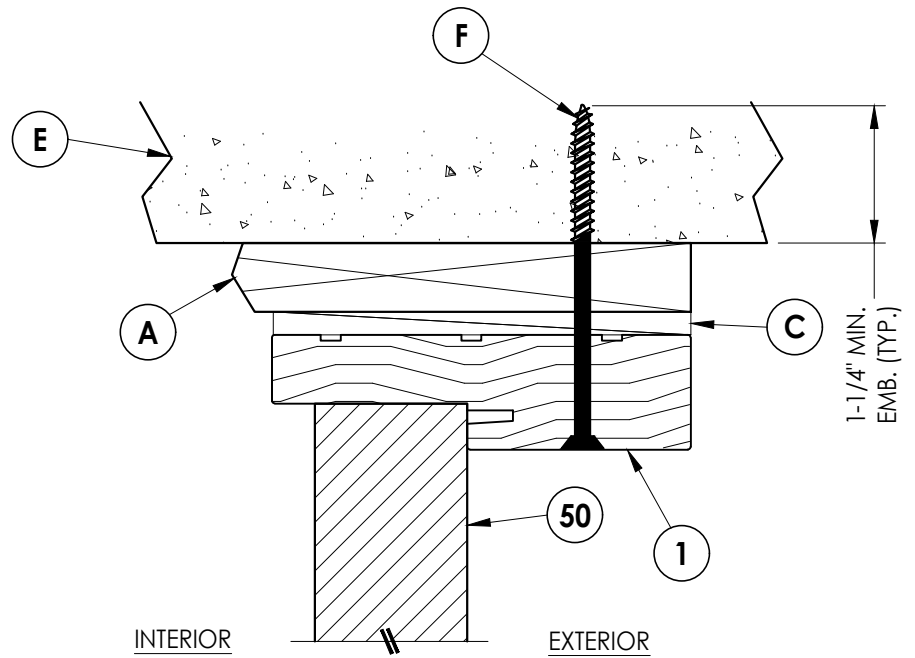


2 7 **HORIZONTAL CROSS SECTION**

Inswing
Shown w/ 1X Buck



3 **VERTICAL CROSS SECTION**
7 Inswing
 Shown w/ 1X Buck



4 **VERTICAL CROSS SECTION**
7 Inswing
 Shown w/ 1X Buck

NOTE:

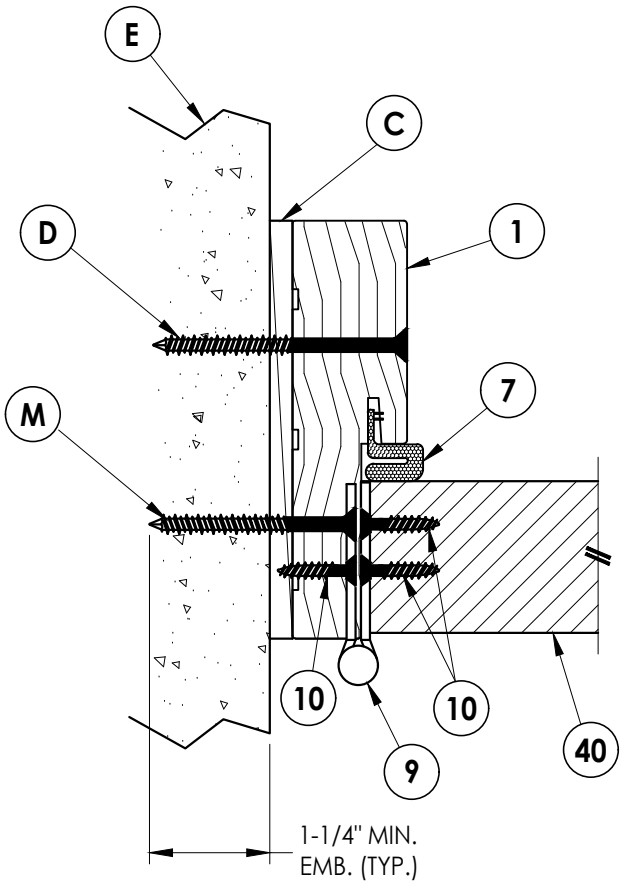
1. Sidelite assembly screws located 4" from each end plus 4 more equally spaced (6 total).

[illegible]

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

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

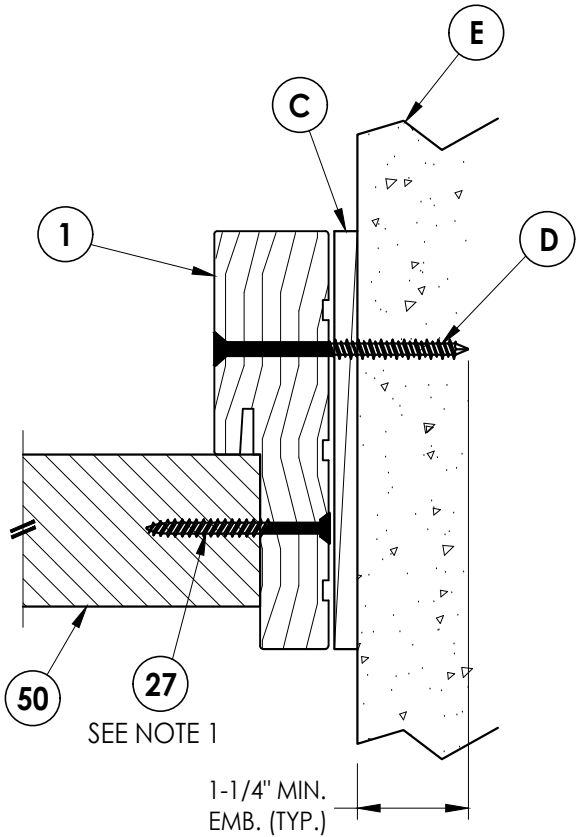
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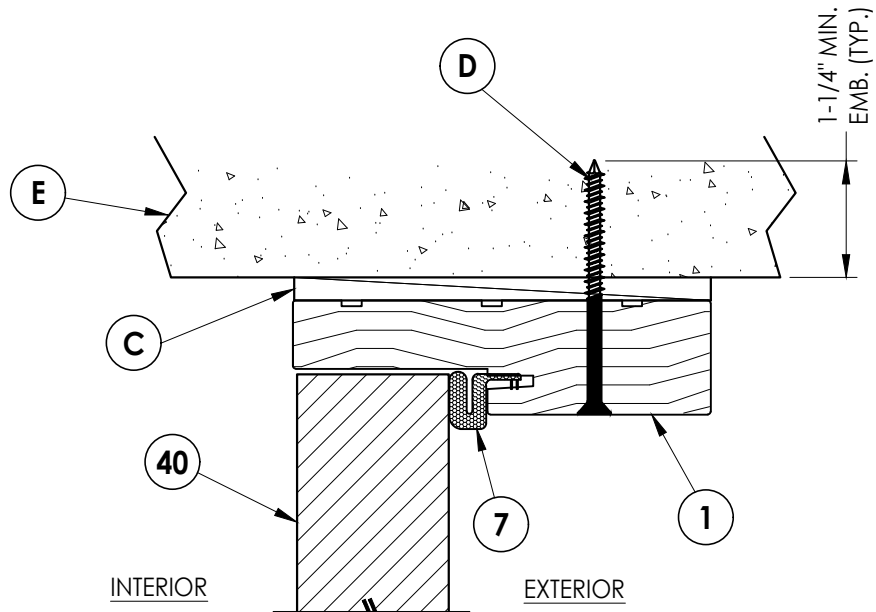
1
8 **HORIZONTAL CROSS SECTION**
Inswing
Shown Direct to Masonry

EXTERIOR

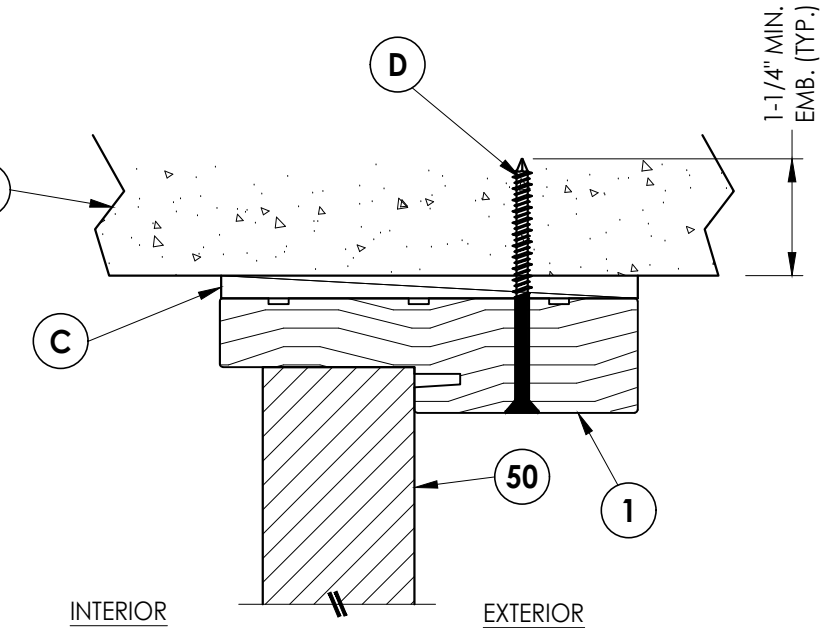
INTERIOR



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



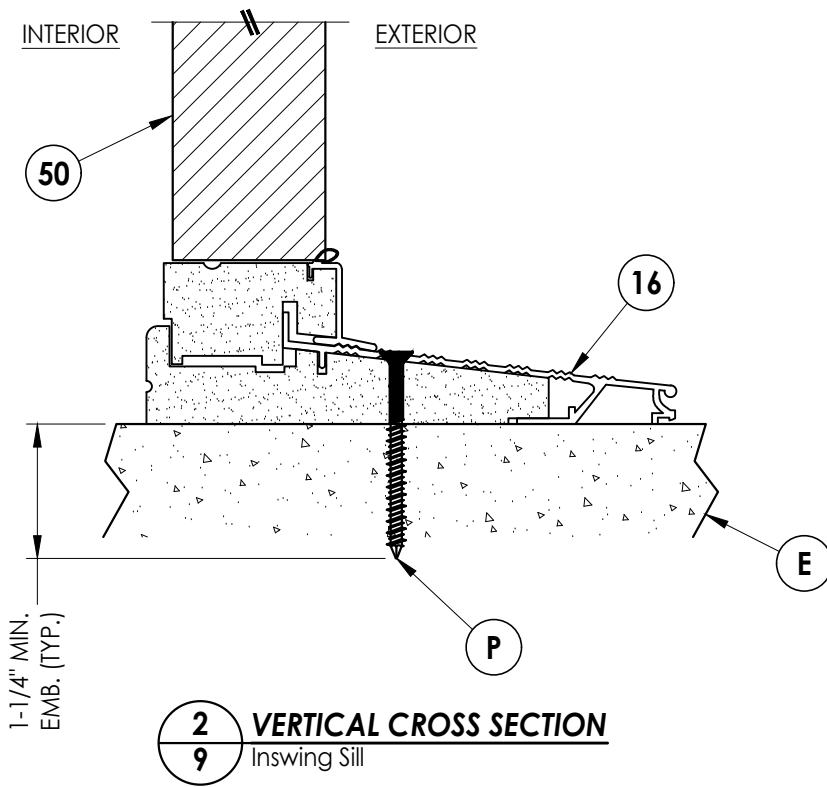
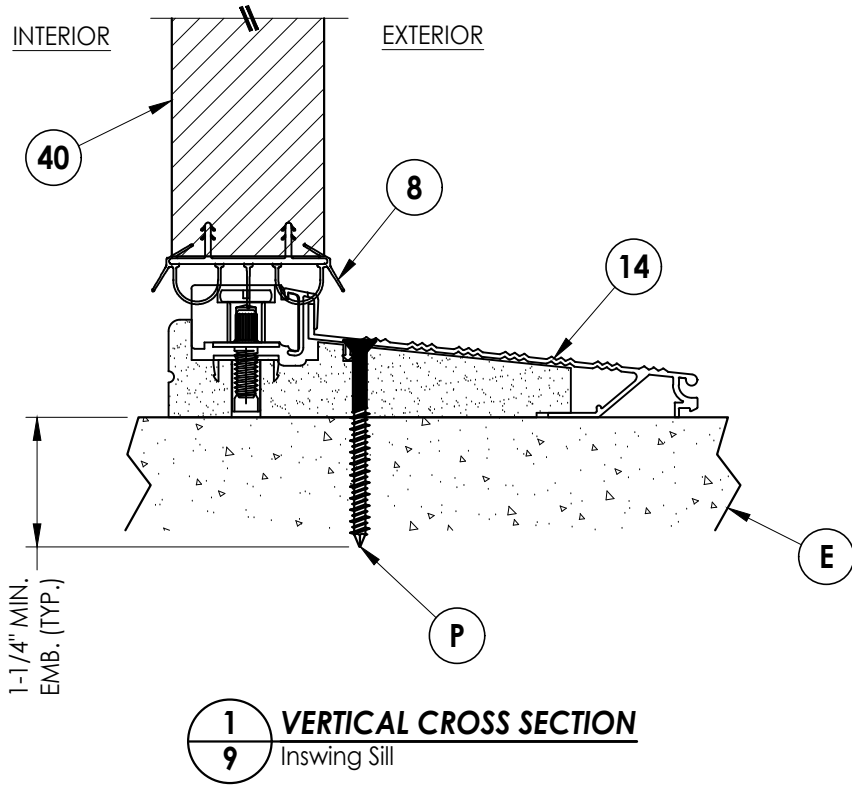
3
8 **VERTICAL CROSS SECTION**
Inswing
Shown Direct to Masonry



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

NOTE:
1. Sidelite assembly screws located 4" from each end plus 4 more equally spaced (6 total).

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PRODUCT: YOUNG MFG FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (DIRECT TO MASONRY)	
		NO.	DATE
		BY	
REVISIONS			
DATE: 9/10/24			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-47793.3			
SHEET 8 OF 12			

[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

Technical drawing of a window frame assembly, showing cross-section and elevation views.

Labels:

- D**: Callout for the window head and jamb assembly.
- HEAD & JAMBS (TYP.)**: Label for the window head and jamb assembly.
- JAMBS**: Label for the window jamb assembly.
- 16" O.C. MAX. (TYP)**: Label for the maximum spacing of the window frame members.

Dimensions:

- 2" (TYP.)**: Typical dimension for the window head and jamb assembly.
- 4" (TYP.)**: Typical dimension for the window head and jamb assembly.
- 4" (TYP.)**: Typical dimension for the window jamb assembly.
- 16" O.C. MAX. (TYP)**: Maximum spacing of the window frame members.

Notes:

- 2" (TYP.)
- 4" (TYP.)
- 4" (TYP.)
- 16" O.C. MAX. (TYP)

Legend:

- 2" (TYP.)
- 4" (TYP.)
- 4" (TYP.)
- 16" O.C. MAX. (TYP)

Notes:

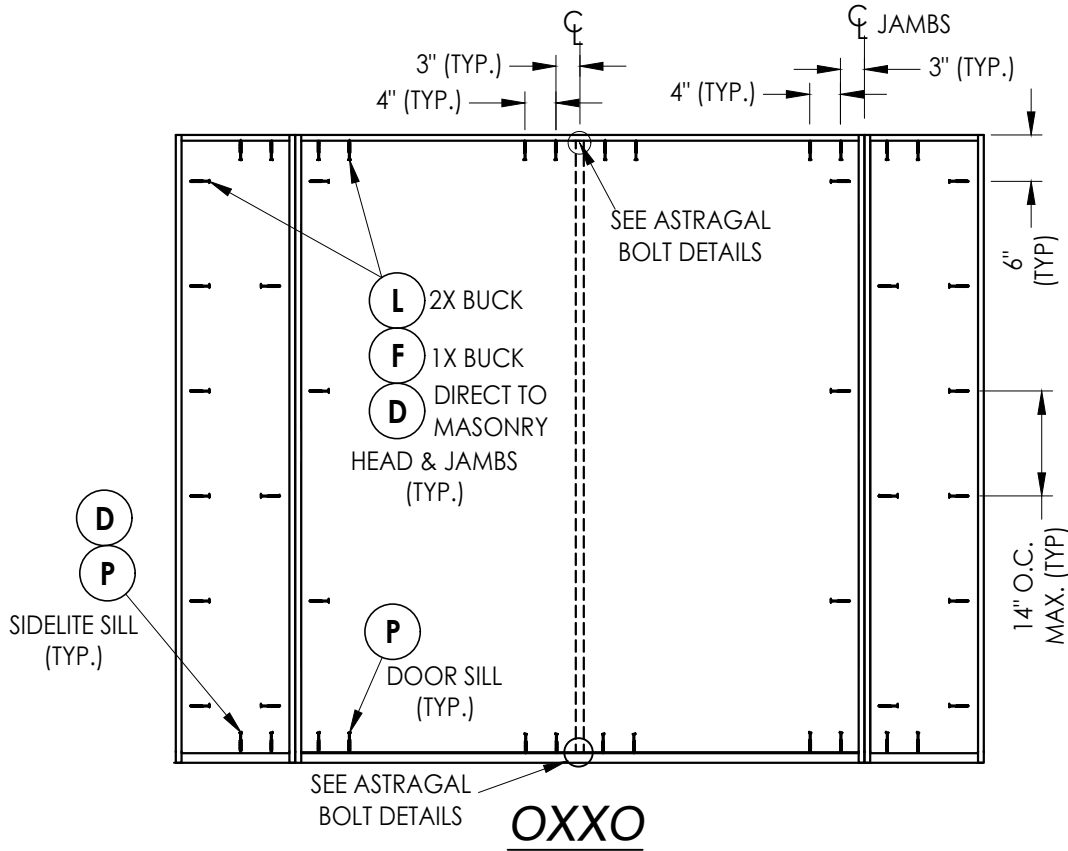
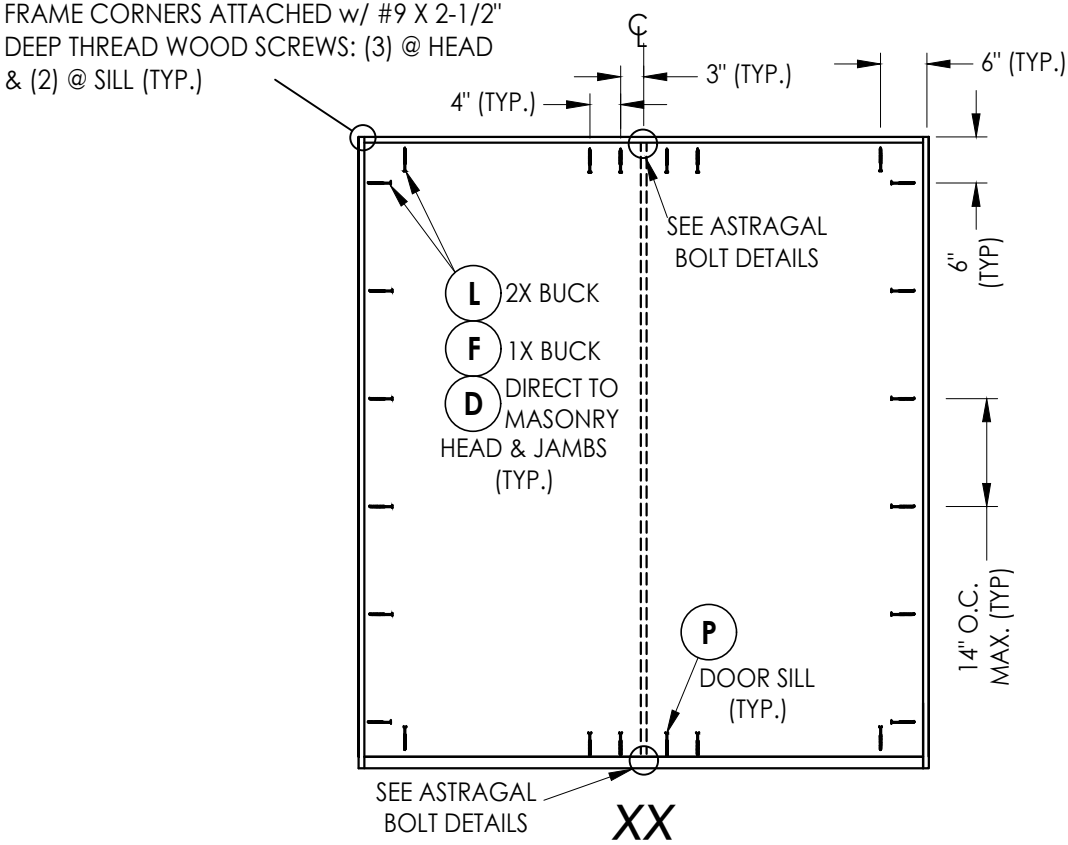
- 2" (TYP.)
- 4" (TYP.)
- 4" (TYP.)
- 16" O.C. MAX. (TYP)

Legend:

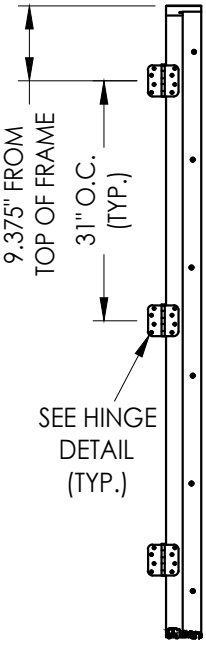
- 2" (TYP.)
- 4" (TYP.)
- 4" (TYP.)
- 16" O.C. MAX. (TYP)

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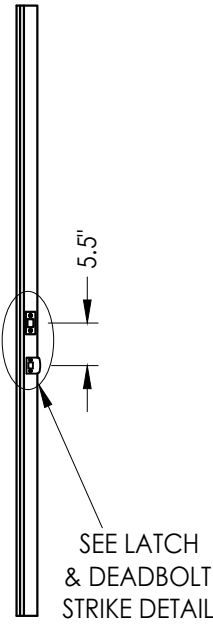
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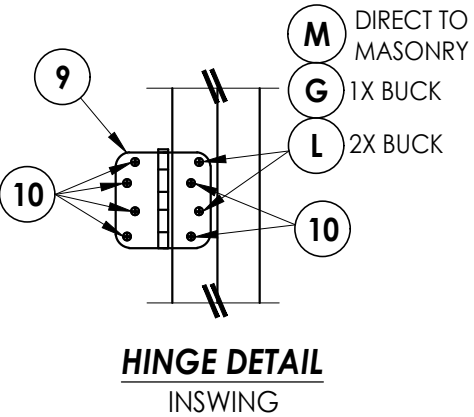
FRAME ANCHORING



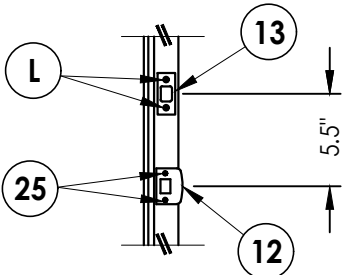
HINGE JAMB



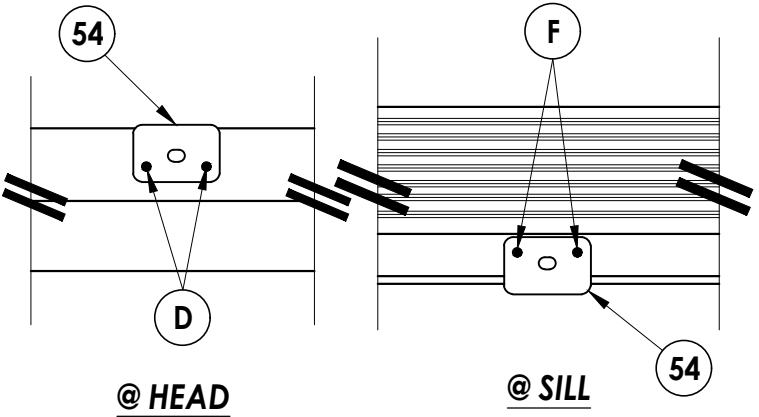
ASTRAGAL



HINGE DETAIL
INSWING



LATCH & DEADBOLT STRIKE PLATE DETAILS



ASTRAGAL BOLT STRIKE DETAIL

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	
PRODUCT: YOUNG MFG FIBERGLASS DOOR	PART OR ASSEMBLY: FRAME ANCHORING & HARDWARE DETAILS		
		NO.	DATE
		BY	
REVISIONS			
DATE: 9/10/24			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-47793.3			
SHEET 11 OF 12			

Z:\2023 FBC Drawings\Young MFG\FL-47793 R1\FL-47793.3.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	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMB.)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
P	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	WOOD JAMB (POPLAR)	WOOD
7	WEATHERSTRIP	FOAM
8	DOOR SWEEP	VINYL
9	4" X 4" HINGE	STEEL
10	#9 X 3/4" PFH WOOD SCREW	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	INSWING THRESHOLD	ALUM/COMP
16	INSWING THRESHOLD w/ SIDELITE ADAPTER	ALUM/COMP
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
27	#10 X 2" PFH SMS	STEEL
40	DOOR PANEL	-
50	SIDELITE PANEL	-
53	ALUMINUM ASTRAGAL	ALUM
54	ASTRAGAL STRIKE PLATE	STEEL
55	8 X 1" PFH WS	STEEL

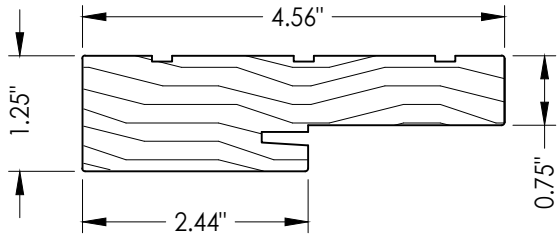
CONCRETE ANCHOR NOTES:

- 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	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"

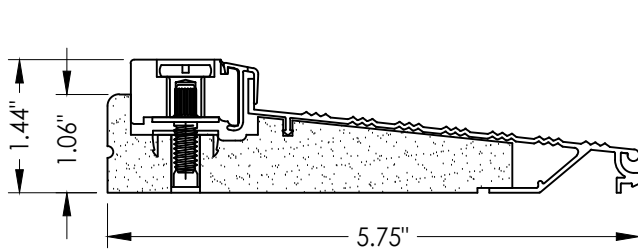
WOOD SCREW INSTALLATION NOTES:

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

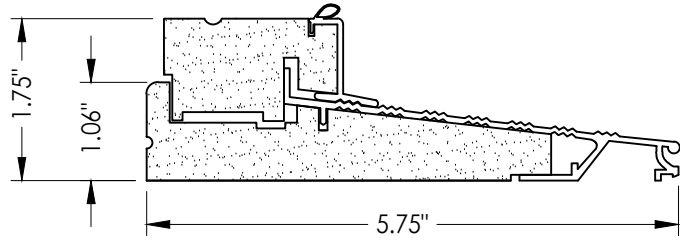


1 WOOD JAMB (POPLAR)
Young Mfg.

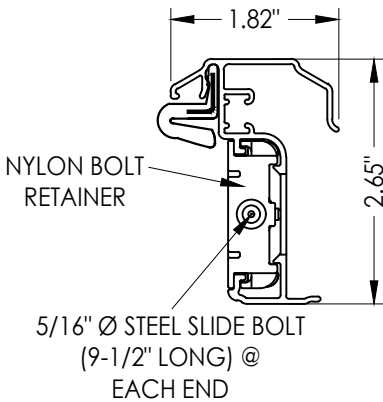
"ARMALAST" OR "PRIMED"
POPLAR WOOD JAMB
MAY BE UTILIZED



14 INSWING THRESHOLD
Young Mfg.



16 INSWING THRESHOLD w/ SIDELITE ADAPTER
Young Mfg.



53 ENDURA ULTIMATE ALUMINUM ASTRAGAL
ULTIMATE PUSH BUTTON ASTRAGAL

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: YOUNG MFG
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 9/10/24

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-47793.3

SHEET 12 OF 12