



The technical drawings illustrate the door assembly's construction. The leftmost cross-section shows the interior side with labels G1, G2, and G3 pointing to different components, and arrows indicating the INTERIOR and EXTERIOR directions. The middle cross-section shows the exterior side. The rightmost side view shows the door's profile with a LATCH STILE (LVL) and a COMPOSITE CAP. Dimensions include a 3.75" width for the latch stile and a 0.4" gap between the cap and the stile.

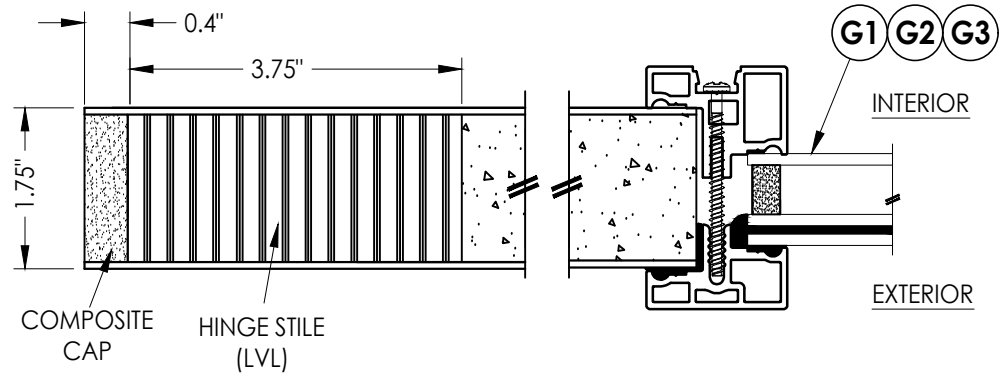


HARDWARE TABLE		
MANUFACTURER	MODEL	
KWIKSET	KNOB:	SIGNATURE SERIES
	DEADBOLT:	SIGNATURE SERIES (980)
SCHLAGE	KNOB:	F51
	DEADBOLT:	B60N
YALE	KNOB:	YE SERIES
	DEADBOLT:	YE SERIES

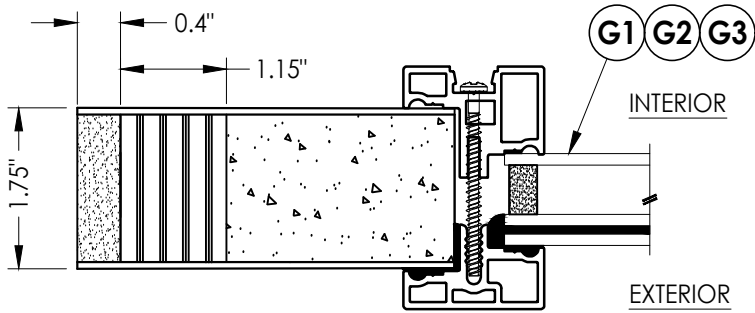
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Phone No.: 813.659.9197
FBPE Registry No. 9813

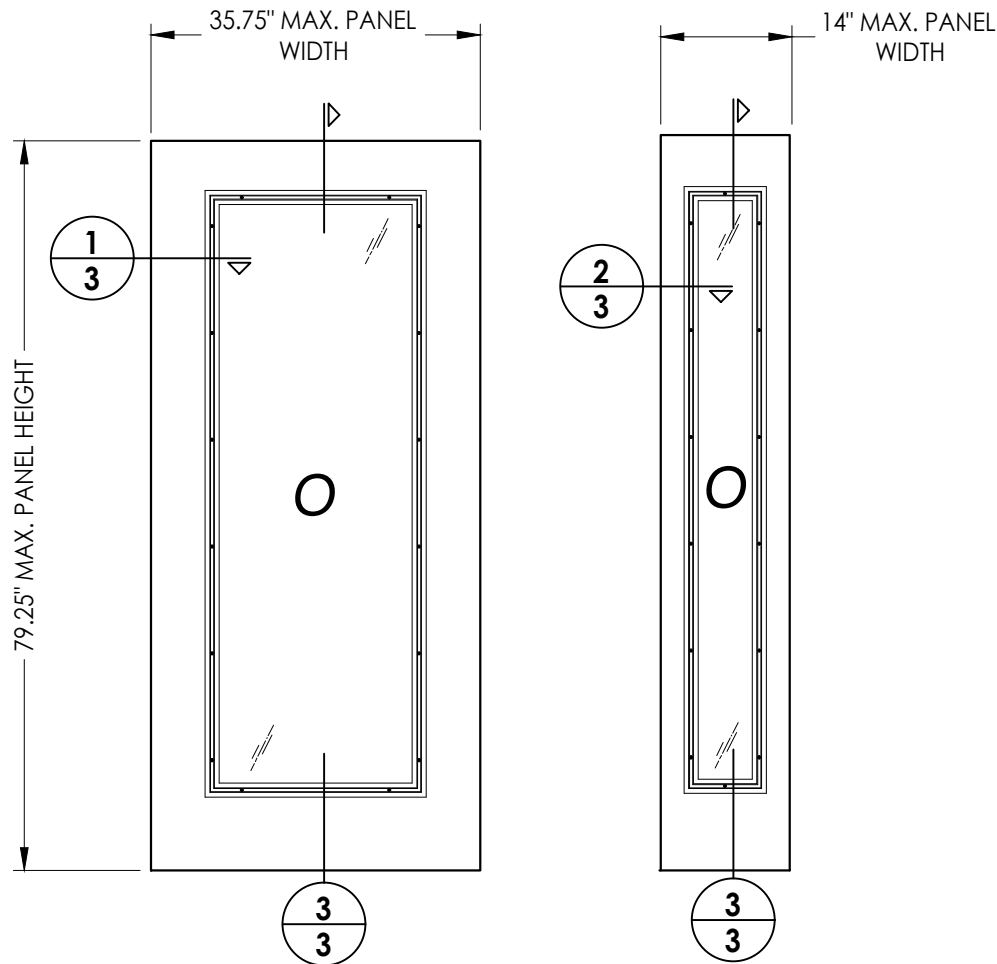
Z:\2023 FBC Drawings\Trimlite\FL-46830\FL-46830.6.dwg



1
3 HORIZONTAL CROSS SECTION

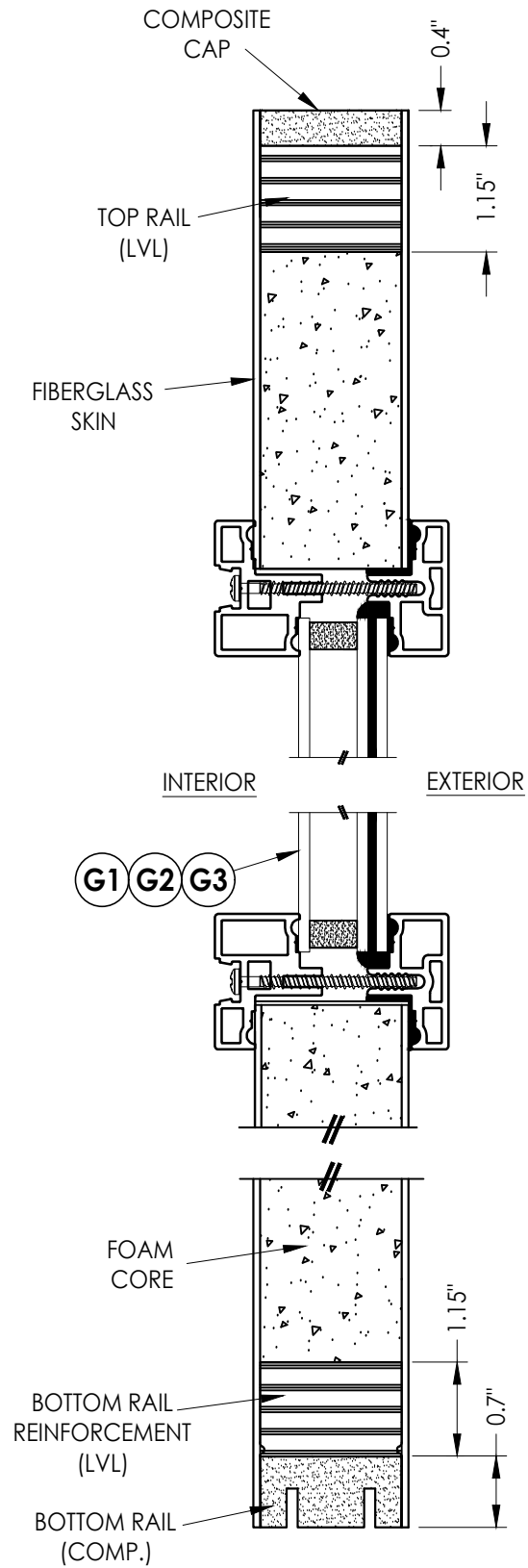


2
3 HORIZONTAL CROSS SECTION



50 FIBERGLASS SIDELITE PANEL
BUILDERS HARDWARE

FIBERGLASS SKIN: 0.080" (36" NOM. SIDELITE) / 0.110" (14" NOM. SIDELITE)
FOAM CORE: POLYURETHANE (1.9 PCF MIN.)



3
3 VERTICAL CROSS SECTION

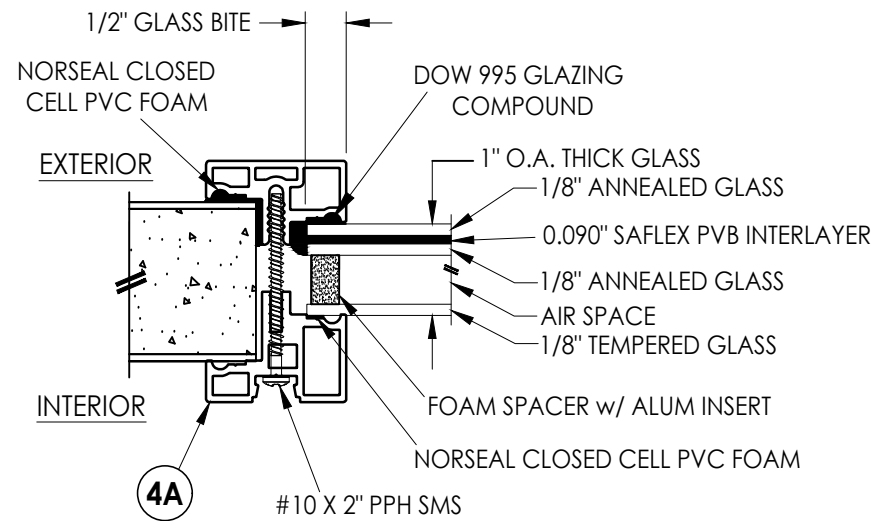
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

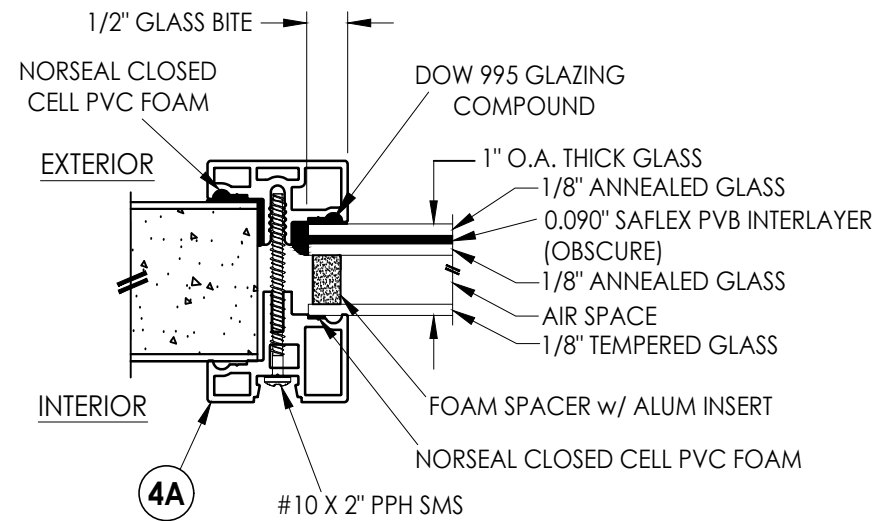
PRODUCT:	TRIMLITE
	FIBERGLASS DOOR
PART OR ASSEMBLY:	SIDELITE PANEL
	DETAILS

REVISIONS			
NO.	DATE	BY	

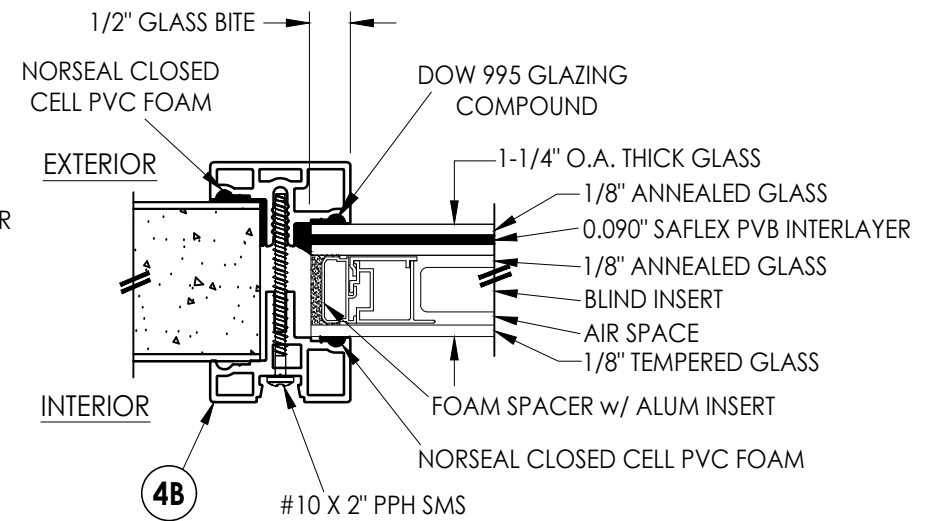
DATE:	4/02/25
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-46830.6
SHEET	3 OF 13



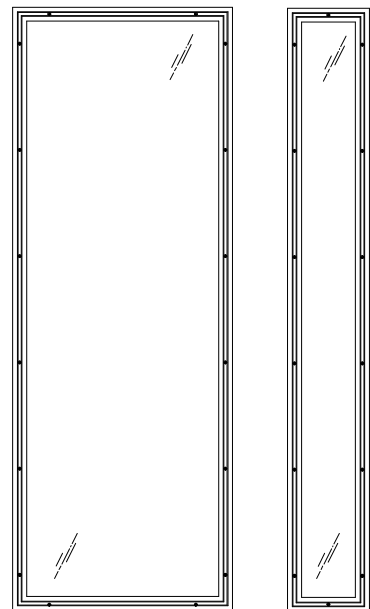
G1 **GLAZING DETAIL**
CLEAR GLASS



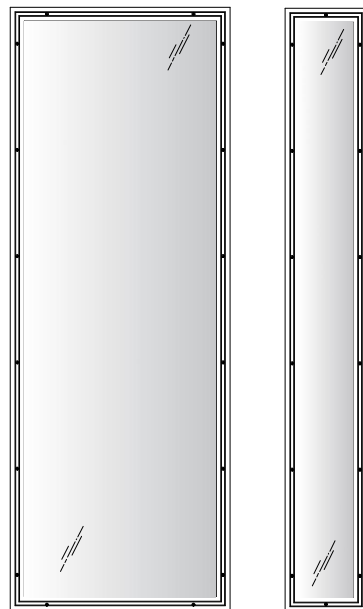
G2 **GLAZING DETAIL**
OBSCURE GLASS



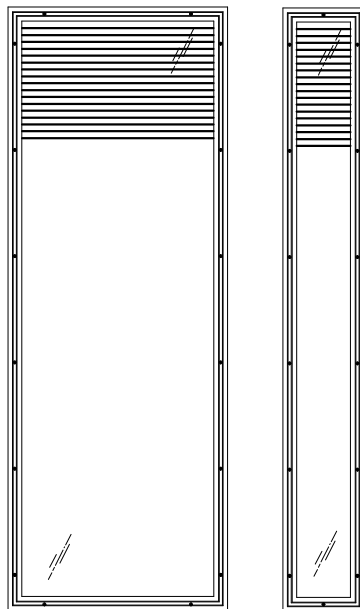
G3 GLAZING DETAIL BLINDS BETWEEN GLASS



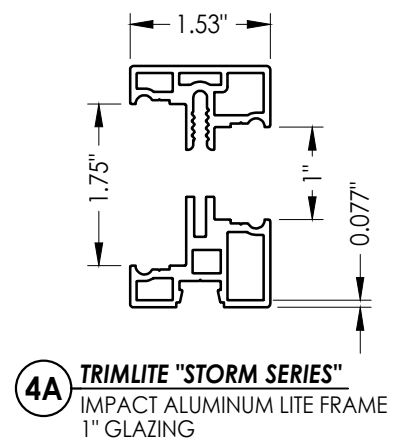
G1 **GLAZING DETAIL**
CLEAR GLASS



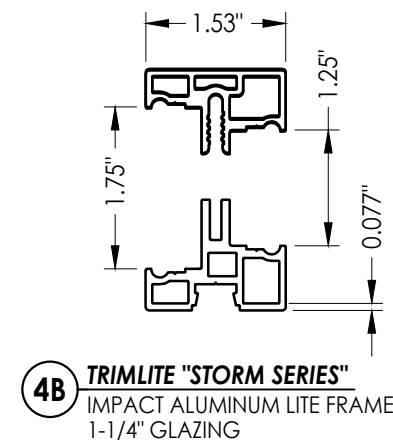
G2 **GLAZING DETAIL**
OBSCURE GLASS



G3 GLAZING DETAIL BLINDS BETWEEN GLASS



4A TRIMLITE "STORM SERIES"
IMPACT ALUMINUM LITE FRAME
1" GLAZING

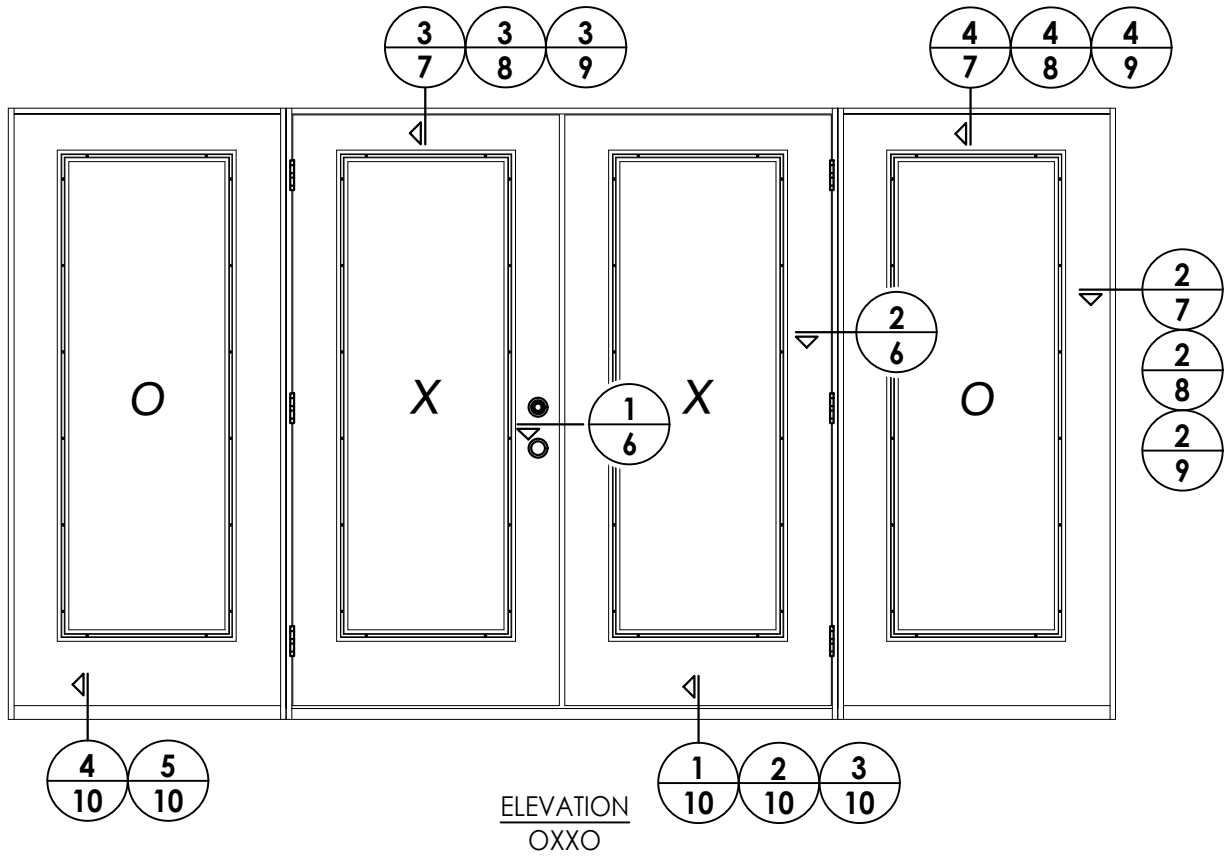


4B TRIMLITE "STORM SERIES"
IMPACT ALUMINUM LITE FRAME
1-1/4" GLAZING

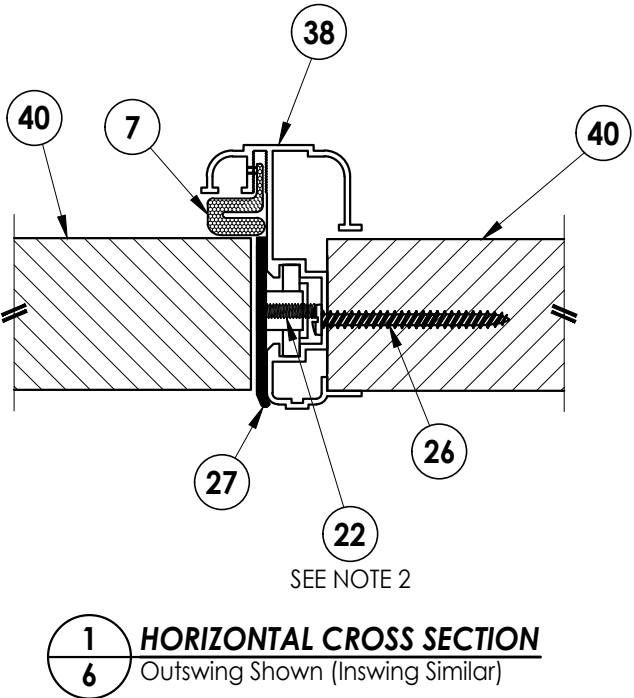
[illegible]

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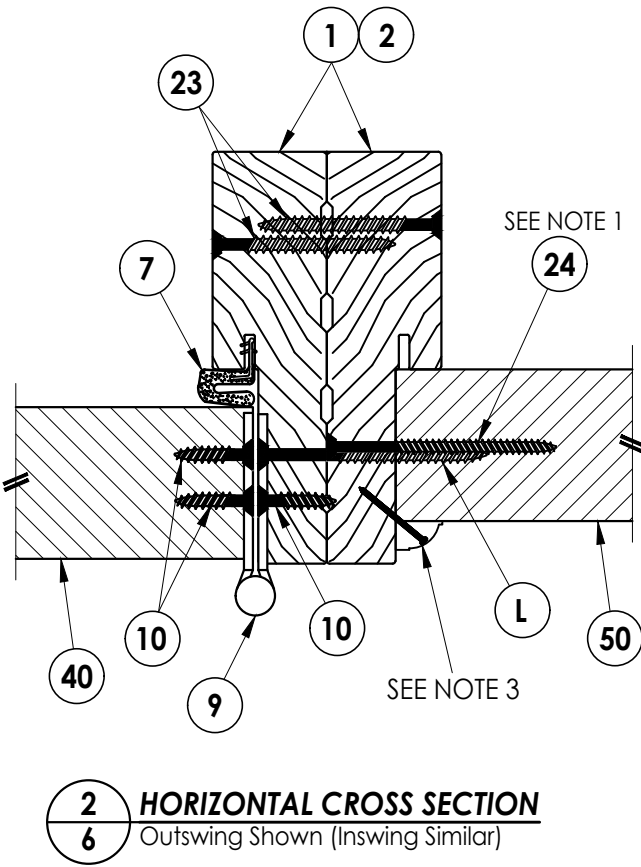


DATE: 4/02/25													
SCALE: N.T.S.													
DWG. BY: LFS													
CHK. BY: RW													
DRAWING NO.: FL-46830.6													
SHEET 5 OF 13													



INTERIOR

EXTERIOR

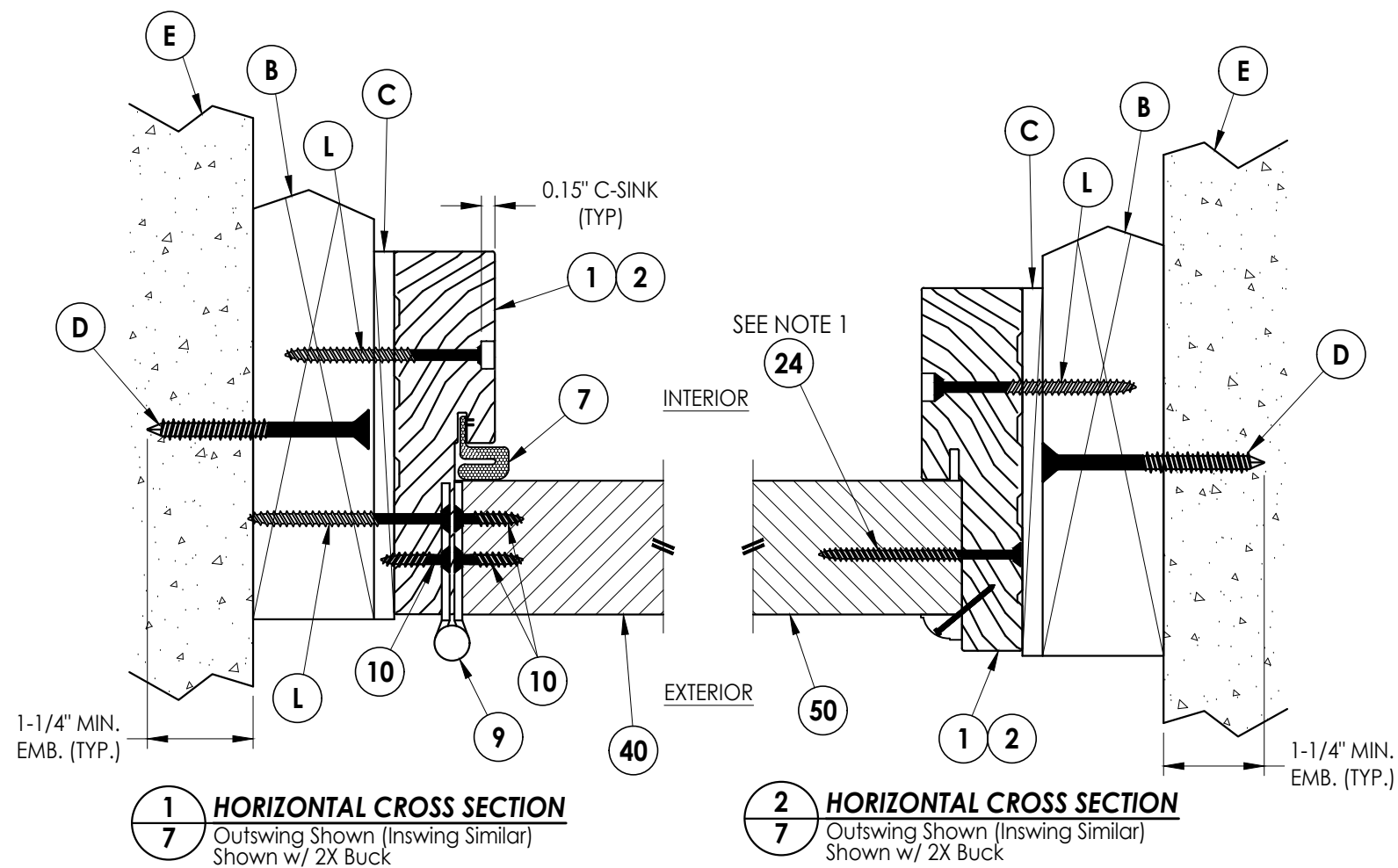


SEE NOTE 1

SEE NOTE 3

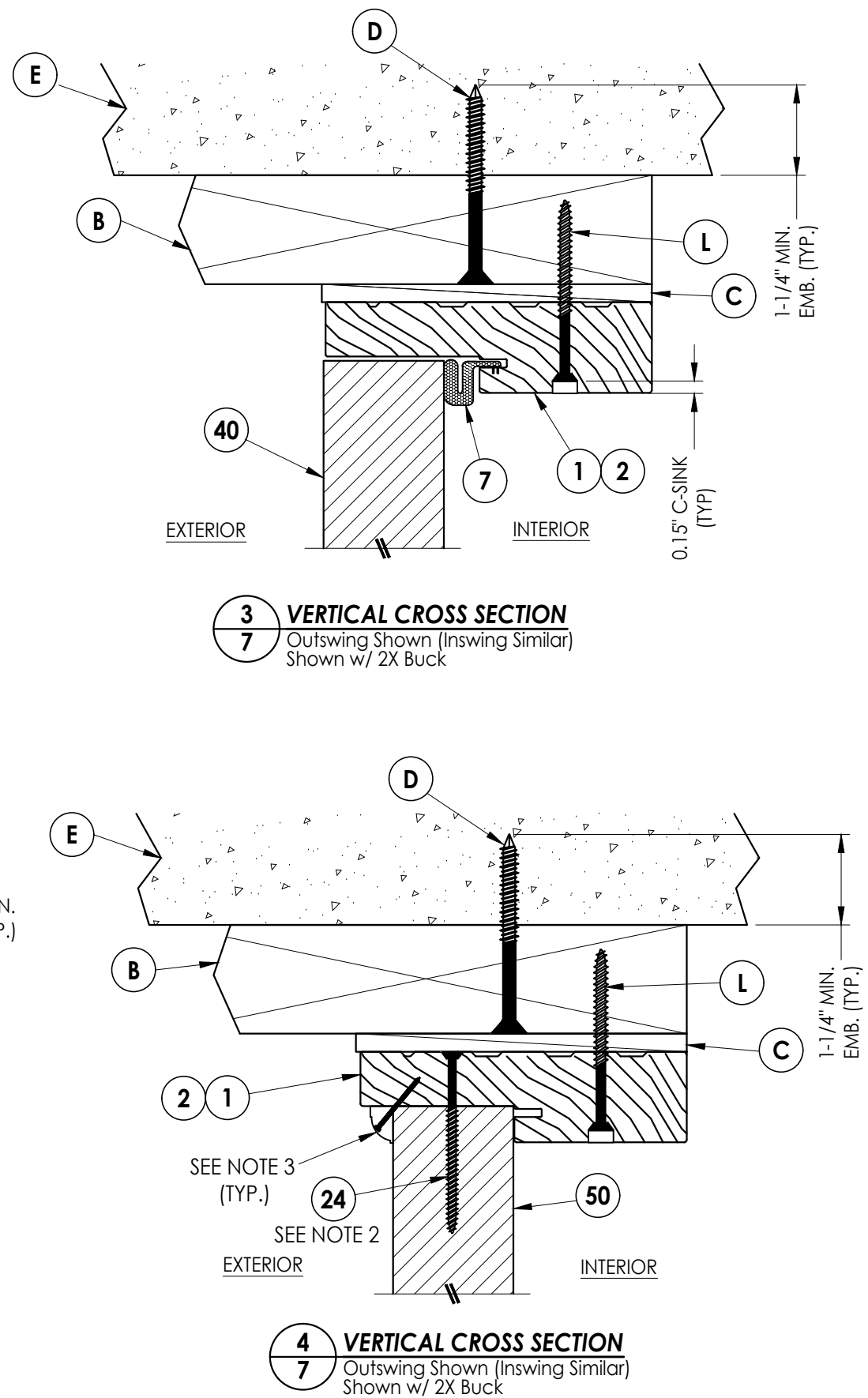
- Notes:
1. Sidelite assembly screws located 6" from each end and 6 more screws equally spaced between (8 screws total per side jamb).
 2. Latch & deadbolt strike plate machine screws installed through strike plate into astragal plastic receiver.
 3. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.

DATE: 4/02/25		DRAWING NO.: FL-46830.6	
SCALE: N.T.S.		SHEET 6 OF 13	
DWG. BY: LFS		CHK. BY: RW	
NO.		DATE	
		BY	
		REVISIONS	
PRODUCT: TRIMLITE FIBERGLASS DOOR		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
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	

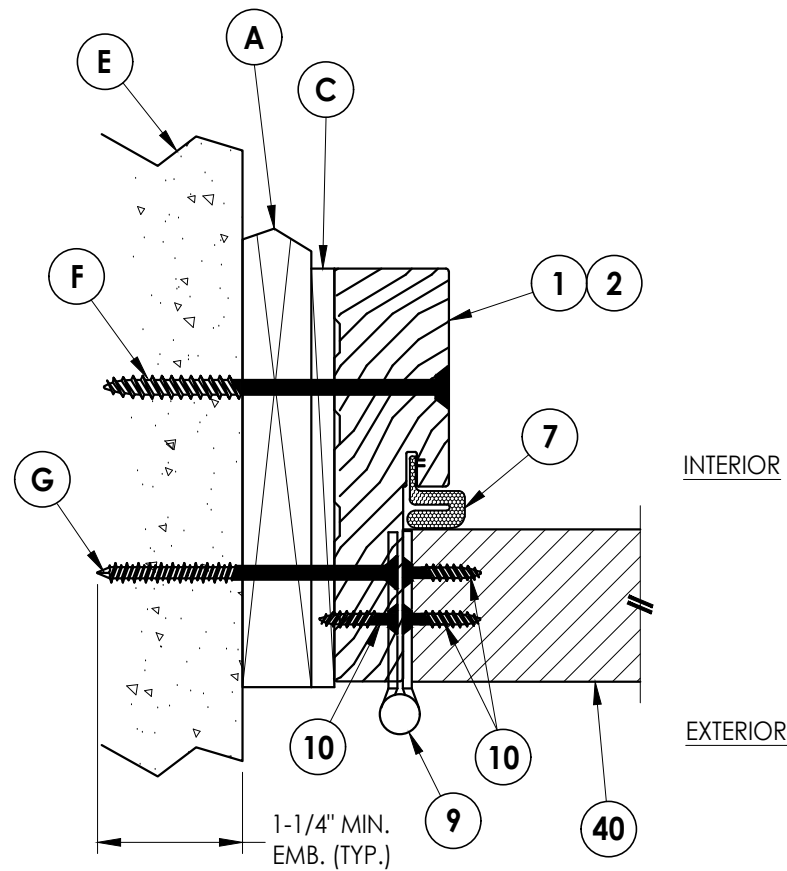


Notes:

1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 4" from each end plus 2 more screws equally spaced between (4 screws total along head).
3. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.

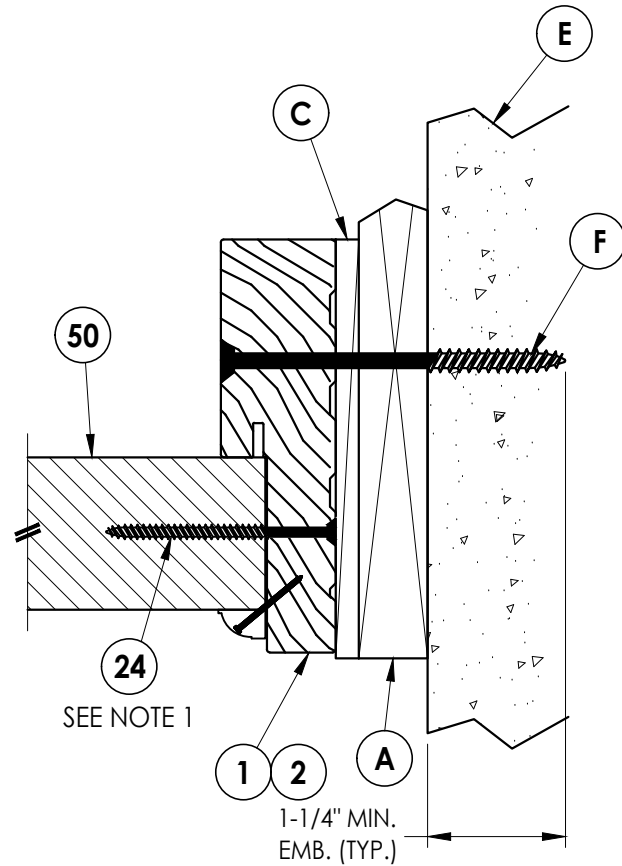


DATE: 4/02/25		DOCUMENTS PREPARED BY:			
SCALE: N.T.S.		Lyndon F. Schmidt			
DWG. BY: LFS		P.E. No. 43409			
CHK. BY: RW		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
DRAWING NO.: FL-46830.6					
SHEET 7 OF 13					
PRODUCT: TRIMLITE FIBERGLASS DOOR					
PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)					
NO.		DATE		BY	
REVISIONS					

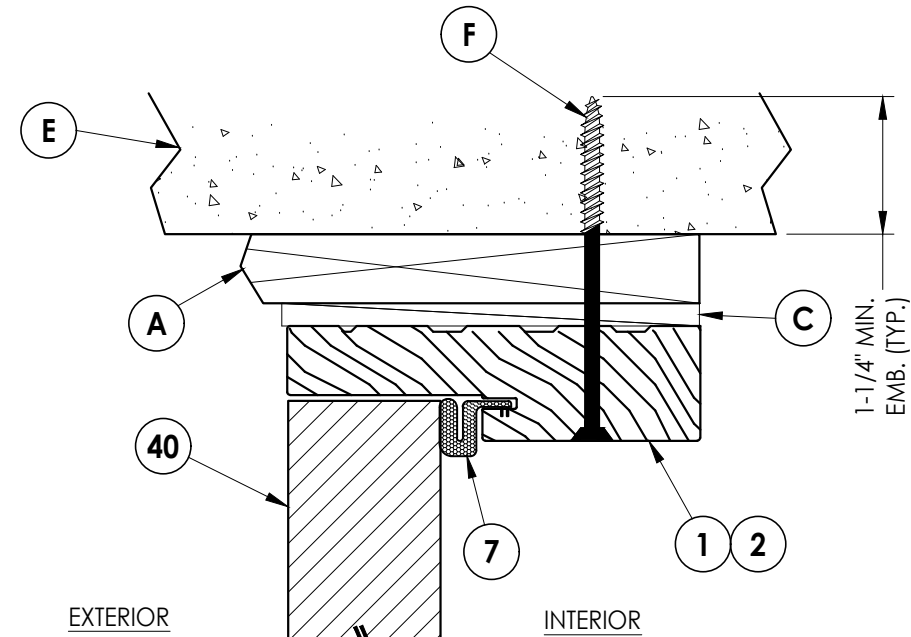


1 **HORIZONTAL CROSS SECTION**

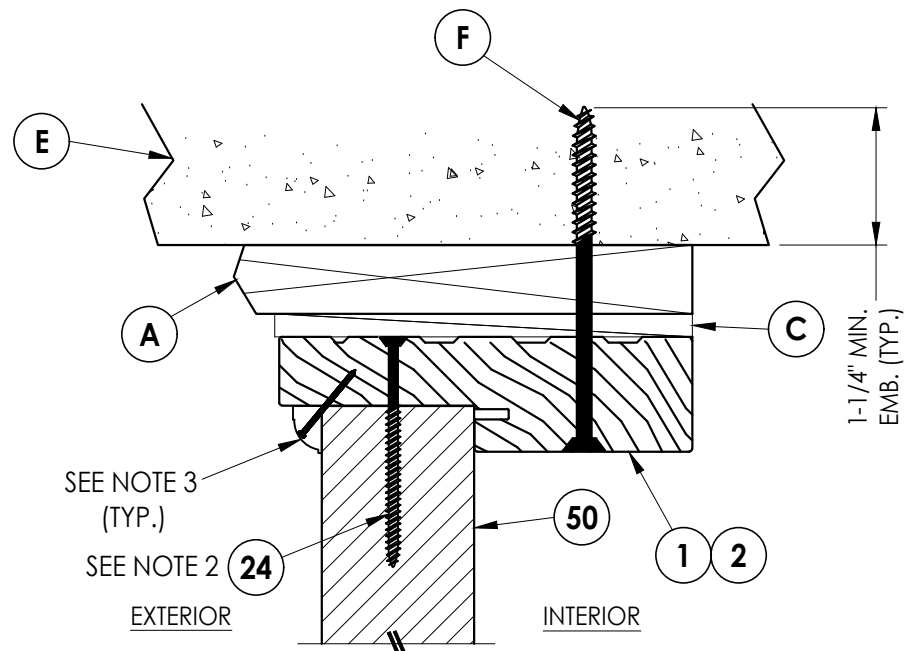
8 Outswing Shown (Inswing Similar) Shown w/ 1X Buck



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



3 VERTICAL CROSS SECTION
8 Outswing Shown (Inswing Similar)
 Shown w/ 1X Buck



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

Notes:

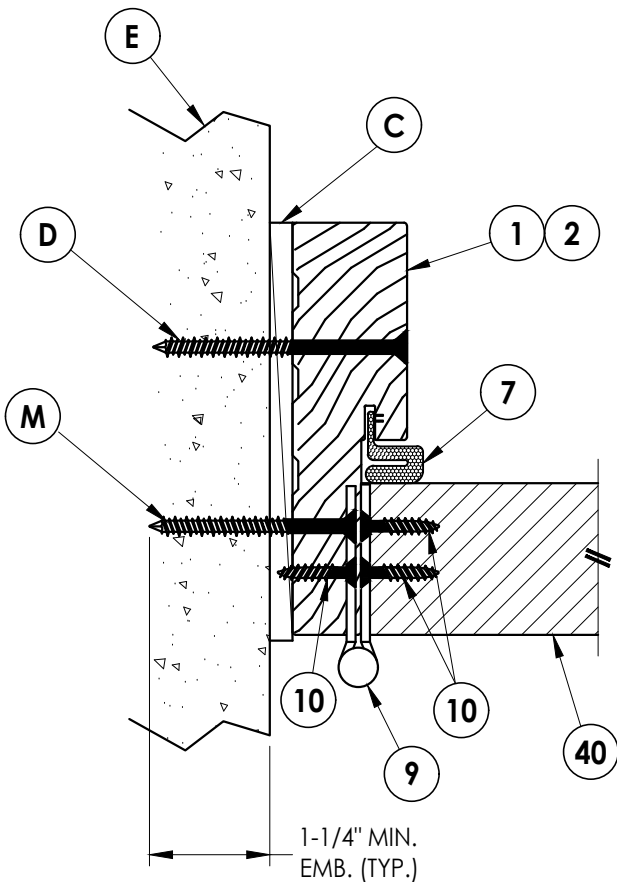
1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 4" from each end plus 2 more screws equally spaced between (4 screws total along head).
3. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.

[illegible]

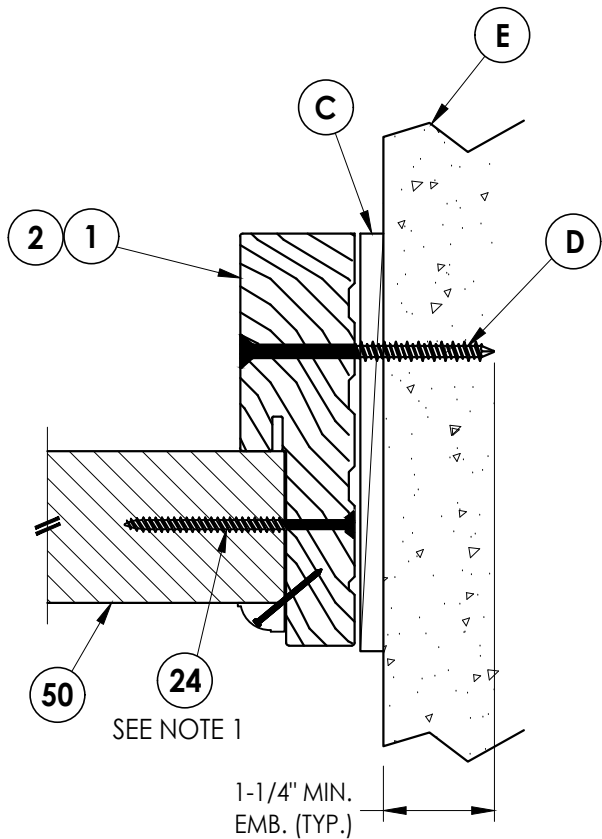
Documents Prepared By:
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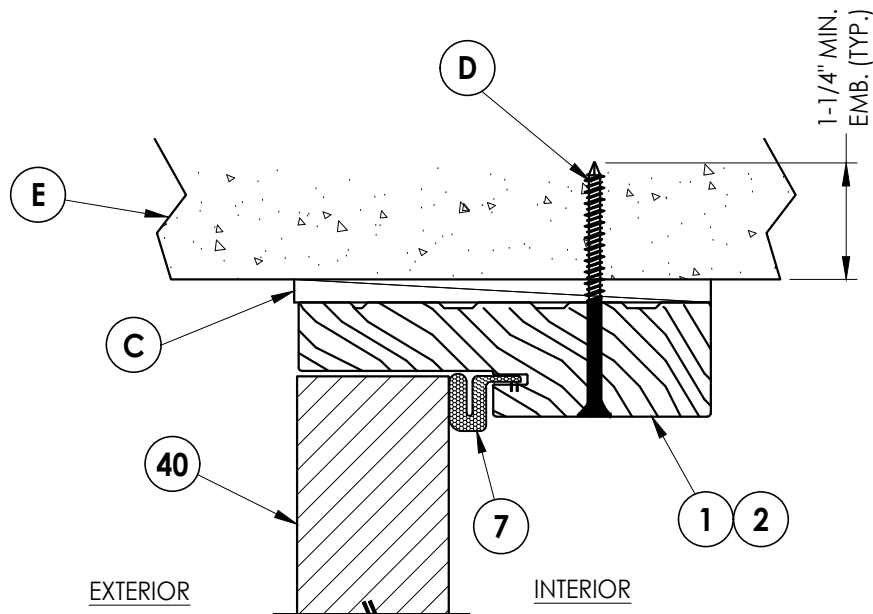
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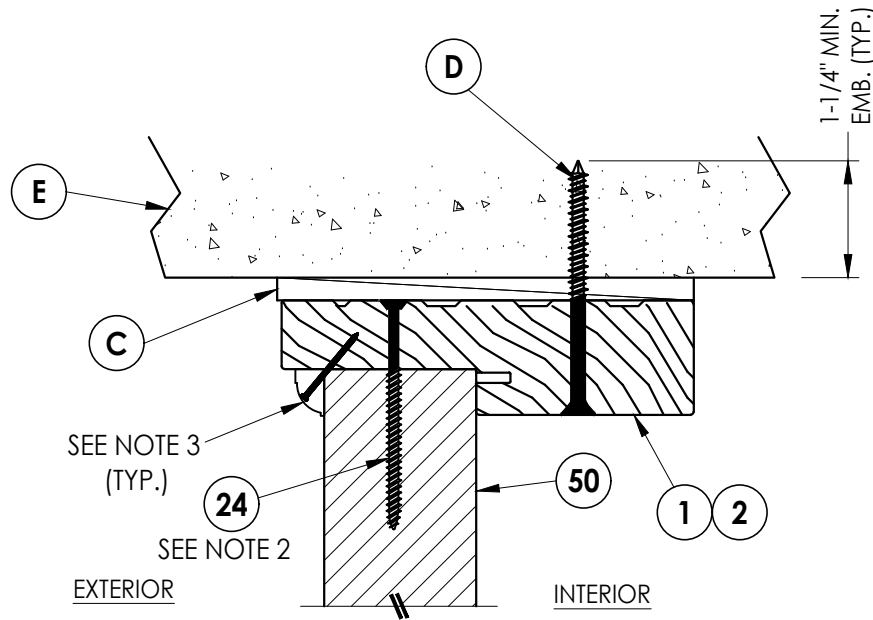
1
9 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry



2
9 **HORIZONTAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry



3
9 **VERTICAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry



4
9 **VERTICAL CROSS SECTION**
Outswing Shown (Inswing Similar)
Shown Direct to Masonry

Notes:

1. Sidelite assembly screws located 6" from each end plus 6 more screws equally spaced between (8 screws total per side jamb).
2. Sidelite assembly screws located 4" from each end plus 2 more screws equally spaced between (4 screws total along head).
3. PVC Moulding secured w/ 16 GA. X 1" brad nails located 1" from ends & 10" o.c. max.

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

PRODUCT: TRIMLITE
FIBERGLASS DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS (DIRECT TO MASONRY)

NO.	DATE	REVISIONS	BY

DATE: 4/02/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-46830.6

SHEET 9 OF 13

Diagram illustrating the cross-section of a roof assembly, showing the interior and exterior views.

Interior View:

- 40:** Interior wall or structure.
- 8:** Base or flashing detail.
- 15:** Sloped roof or membrane.

Exterior View:

- E:** Concrete slab or structural member.
- K:** Vertical rod or fastener passing through the slab.
- 1-1/4" MIN. EMB. (TYP.):** Dimension indicating the minimum embedment length of the rod (K) into the concrete slab (E).

Diagram illustrating the cross-section of a window assembly, showing the exterior and interior components.

Labels:

- EXTERIOR** (Left side)
- INTERIOR** (Right side)
- 40**: Exterior frame component.
- 7**: Interior frame component.
- 14**: Interior frame component.
- E**: Exterior wall structure.
- Q**: Interior wall structure.

Dimensions:

- 1-1/4" MIN. EMB. (TYP.)**: Minimum embedding depth of the exterior frame component (40) into the exterior wall structure (E).

EXTERIOR

INTERIOR

1-1/4" MIN.
EMB. (TYP.)

50

24

1 2

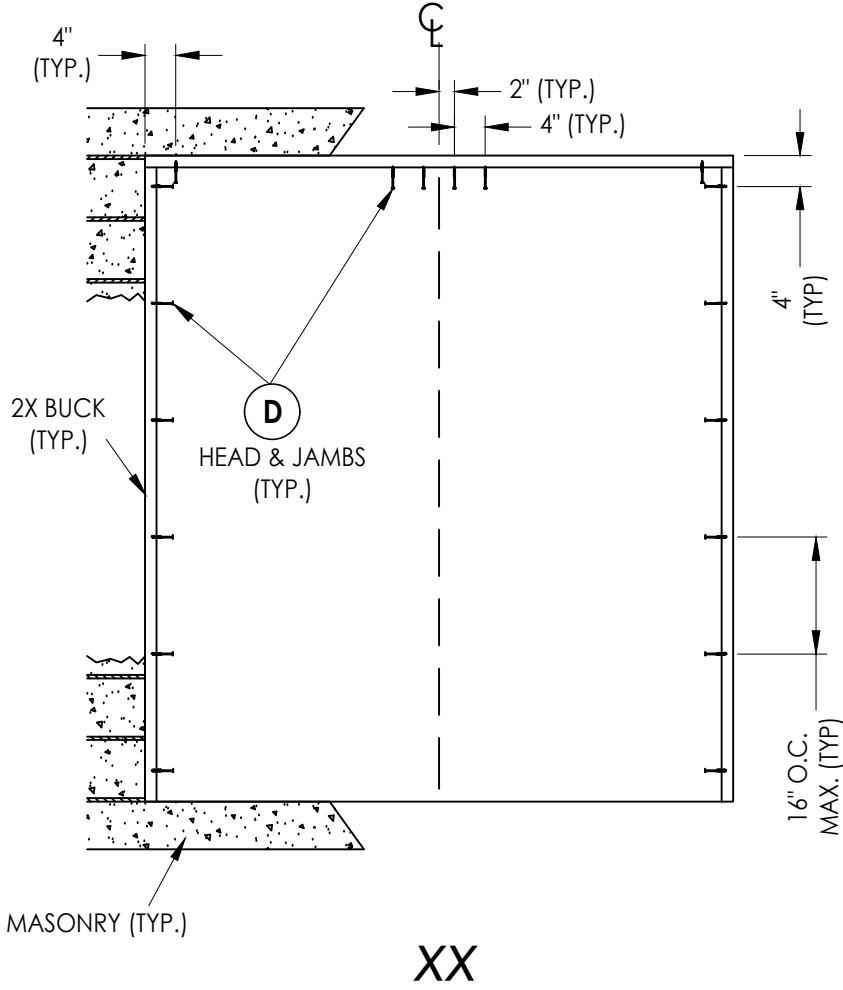
SEE NOTE 2

SEE NOTE 1

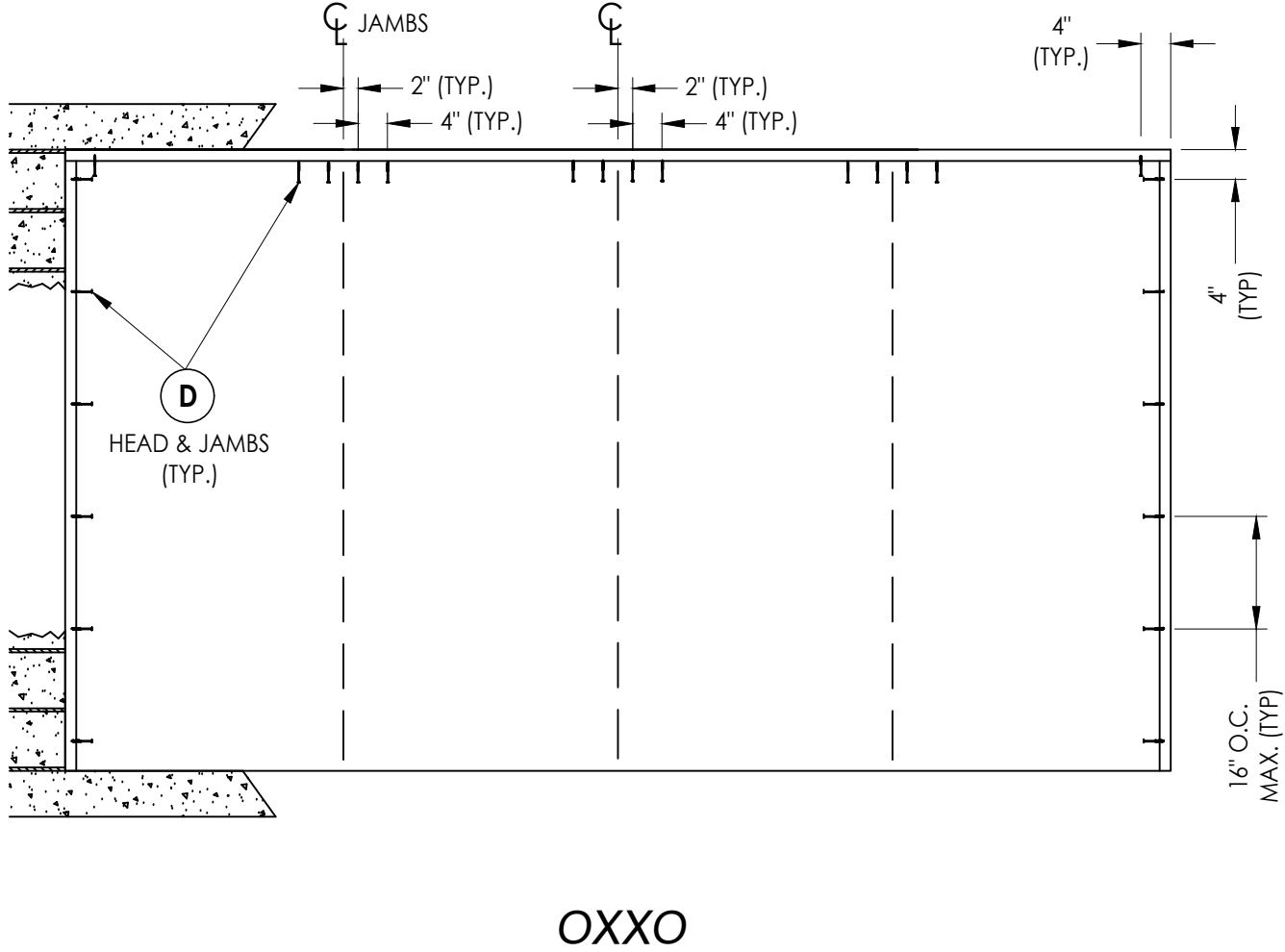
D

E

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2X BUCK ANCHORING

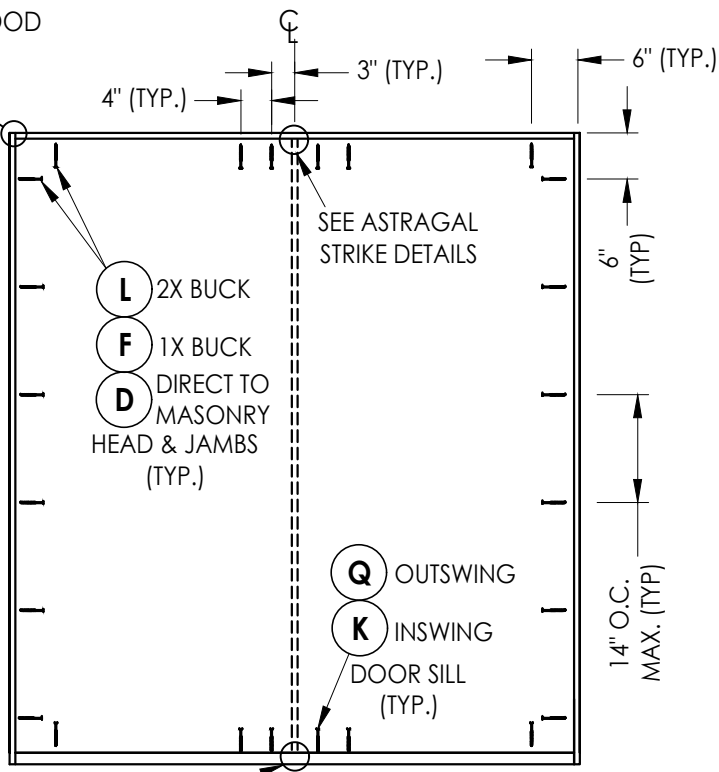
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9.38" FROM TOP OF FRAME

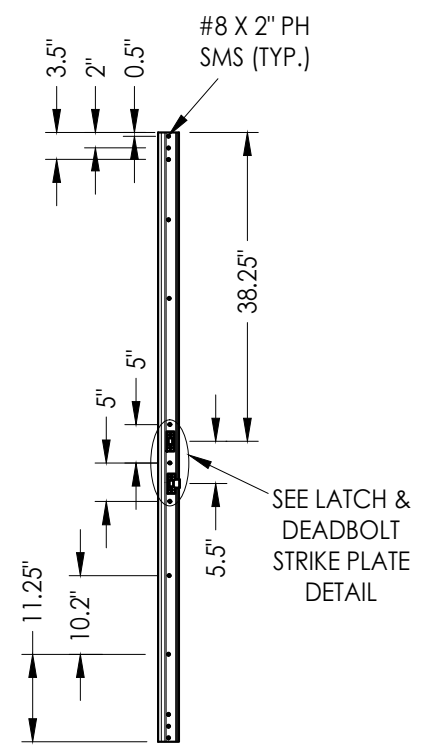
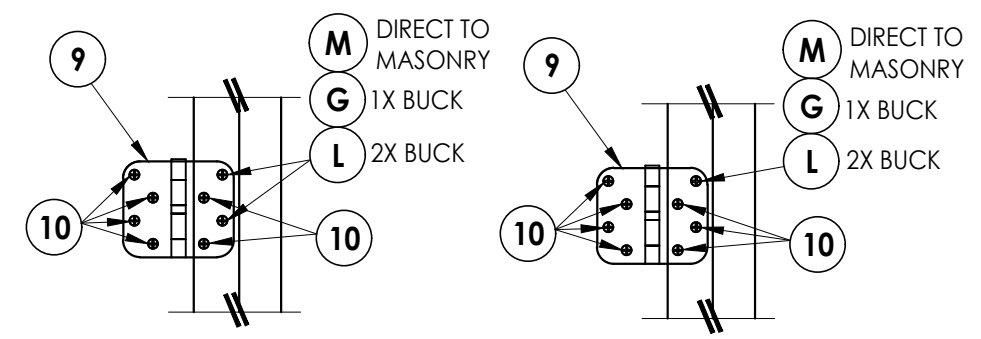
31" O.C. (TYP.)

SEE HINGE DETAIL (TYP.)

This diagram shows a vertical section of a door with three hinges. The top hinge is positioned 9.38 inches from the top of the frame. The distance between the hinges is 31 inches on center (O.C.), which is typical (TYP.). An arrow points to the middle hinge with the text "SEE HINGE DETAIL (TYP.)".

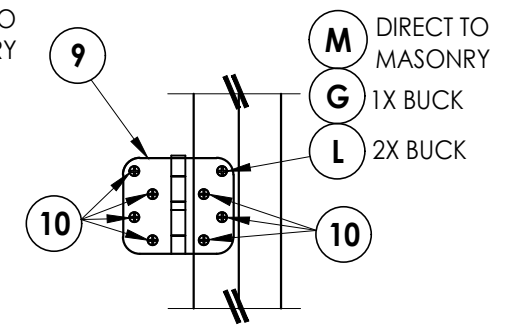


HINGE JAMB

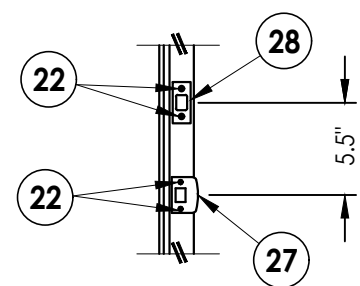
**ASTRAGAL**

HINGE DETAIL

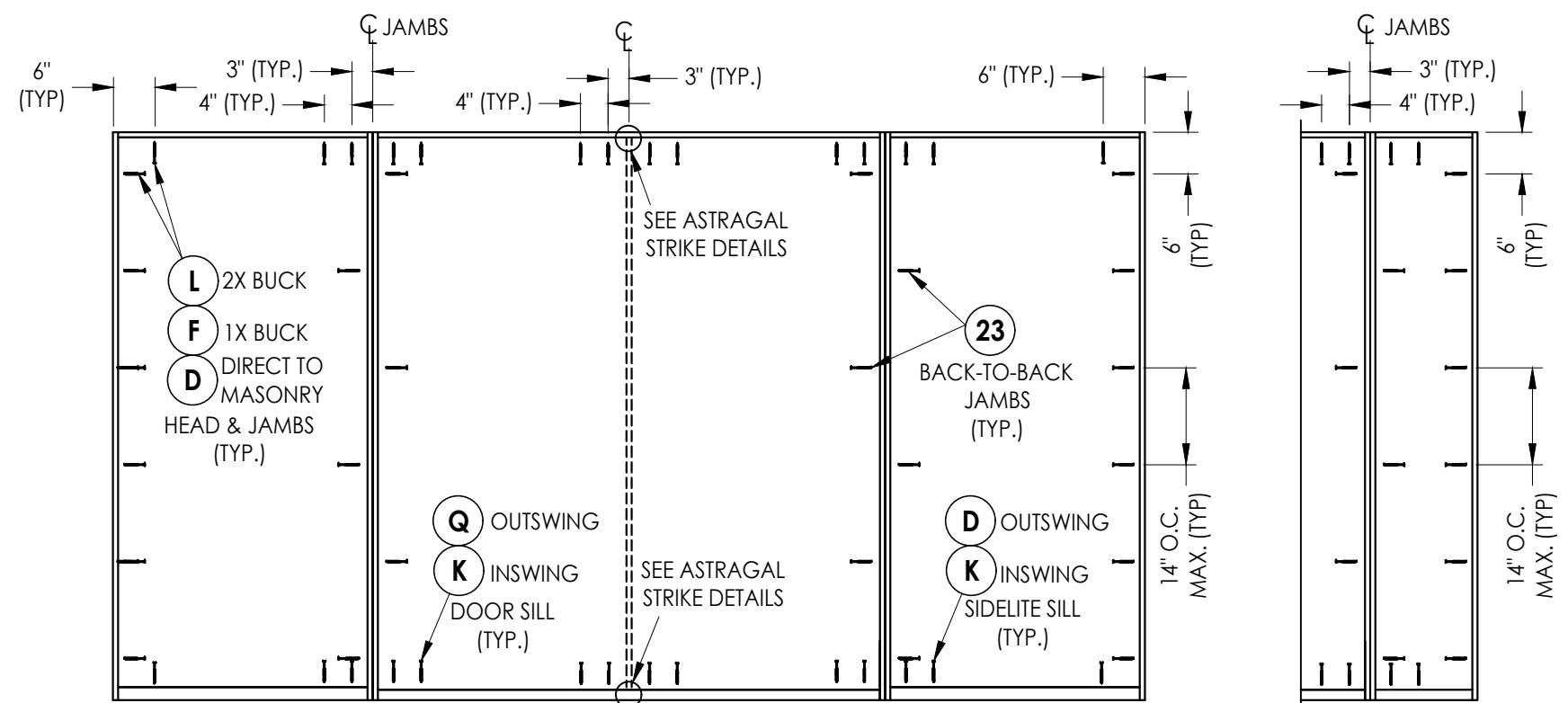
INSWING



HINGE DETAIL



LATCH & DEADBOLT STRIKE PLATE DETAILS

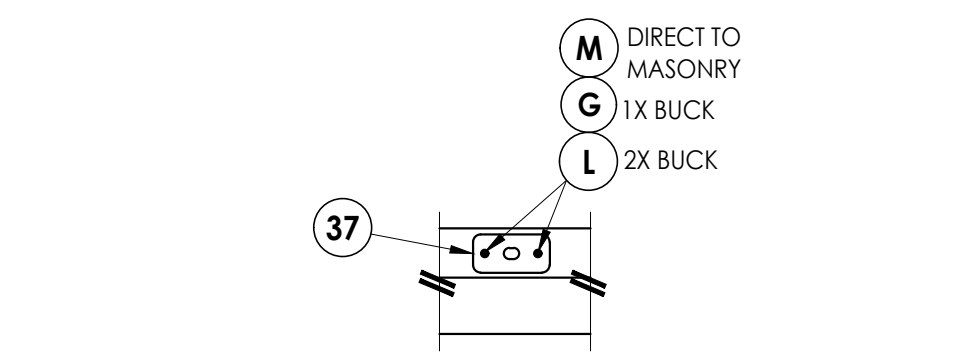


OXXO

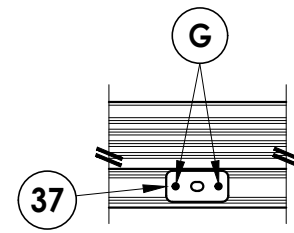
FRAME ANCHORING

ALL ANCHORS SAME AS OXXO

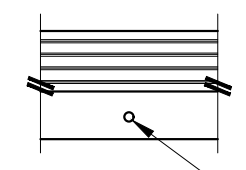
Shown w/ 14" Sidelite



ASTRAGAL STRIKE PLATE DETAIL
STRIKE PLATE @ HEAD

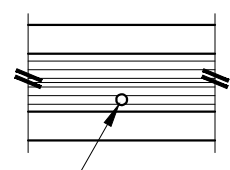


ASTRAGAL STRIKE PLATE DETAIL
INSWING THRESHOLD



ASTRAGAL BOLT DETAIL

OUTSWING THRESHOLD



ASTRAGAL BOLT DETAIL
ADA THRESHOLD

HARDWARE DETAILS

[illegible]

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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
K	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
Q	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	WOOD JAMB (FINGER JOINTED PINE)	WOOD
2	COMPOSITE JAMB	COMP
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
9	4" X 4" HINGE	STEEL
10	#9 X 3/4" PFH WOOD SCREW	STEEL
13	INSWING THRESHOLD	ALUM/COMP
14	OUTSWING THRESHOLD	ALUM/COMP
15	ADA THRESHOLD	ALUM
16	INSWING SIDELITE ADAPTER	PVC
22	#8 X 5/8" FH MACHINE SCREW	STEEL
23	#8 X 2" FH SMS	STEEL
24	#8 X 2-1/2" PFH DEEP THREAD WOOD SCREW	STEEL
26	#8 X 2" PH SMS	STEEL
27	LATCH STRIKE PLATE	STEEL
28	DEADBOLT STRIKE PLATE	STEEL
37	ASTRAGAL STRIKE PLATE (1.19" X 3.25" X 0.075" THICK)	STEEL
38	ALUMINUM ASTRAGAL	ALUM
40	DOOR PANEL	-
50	SIDELITE PANEL	-

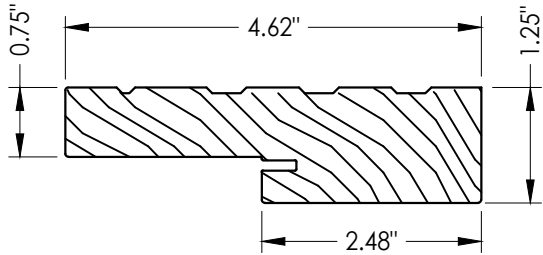
CONCRETE ANCHOR NOTES:

- 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:

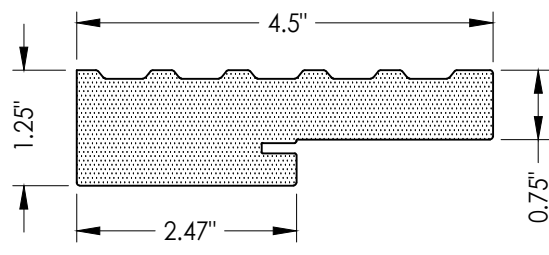
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW BUILDEX TAPCON®	3/16"	1-1/4"	3"	1-1/2"
	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

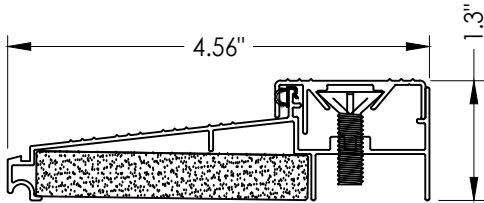
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



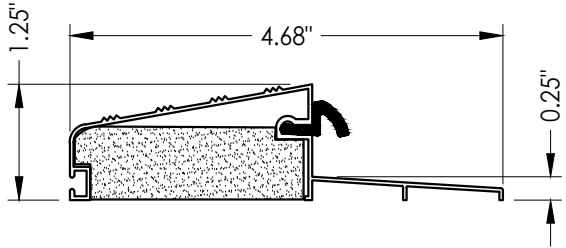
1 WOOD JAMB
FINGER JOINTED PINE



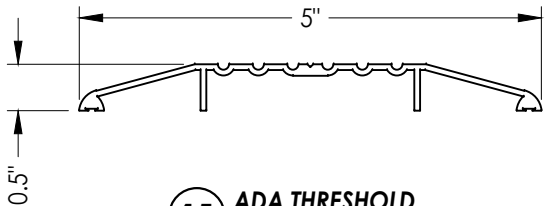
2 COMPOSITE JAMB
WORLDWIDE 4EVER



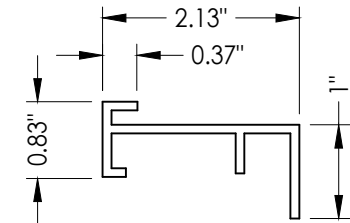
13 INSWING THRESHOLD
DLP



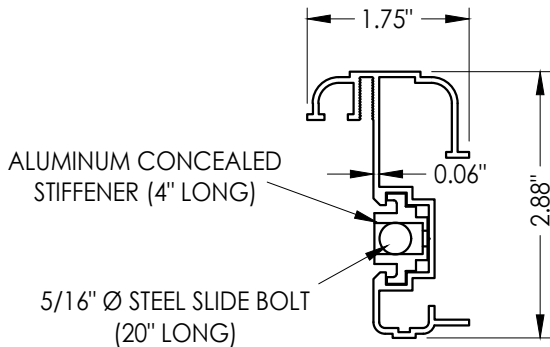
14 OUTSWING THRESHOLD
DLP



15 ADA THRESHOLD
DLP



16 INSWING SIDELITE ADAPTER



38 ALUMINUM ASTRAGAL
DLP

Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: TRIMLITE
FIBERGLASS DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	BY	REVISIONS

DATE: 4/02/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:
FL-46830.6

SHEET 13 OF 13