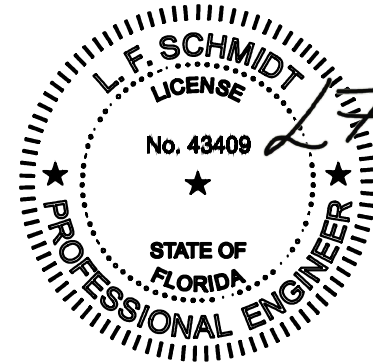




This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.

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

Digitally signed
by Lyndon F

Schmidt

Date:

2026.07.02

14:33:21 -04'00'

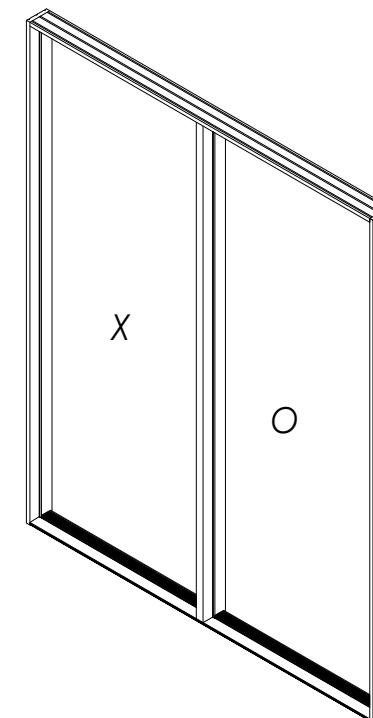
YOUNG MANUFACTURING COMPANY, INC.

CONTINUOUS HEAD & SILL FRAME SYSTEM

"ARMALAST" OR "PRIMED"

POPLAR WOOD

**INSWING
"NON-IMPACT"**



CENTER-HINGED PATIO DOOR

TABLE OF CONTENTS			
SHEET #	DESCRIPTION	SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes	5	Horizontal Cross Sections
2	Elevations	6	Vertical Cross Sections (Thresholds)
3	Horizontal & Vertical Cross Sections (2X Buck)	7	Buck & Frame Anchoring (O/X, X/O) & Hardware Details
4	Horizontal & Vertical Cross Sections (1X Buck)	8	Bill of Materials & Components

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING	
		POSITIVE	NEGATIVE
XO / OX	74.75" x 81.75"	+60.0	-60.0

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
COMPONENTS

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

[illegible]

DATE: 9/16/25

SCALE: N.T.S.

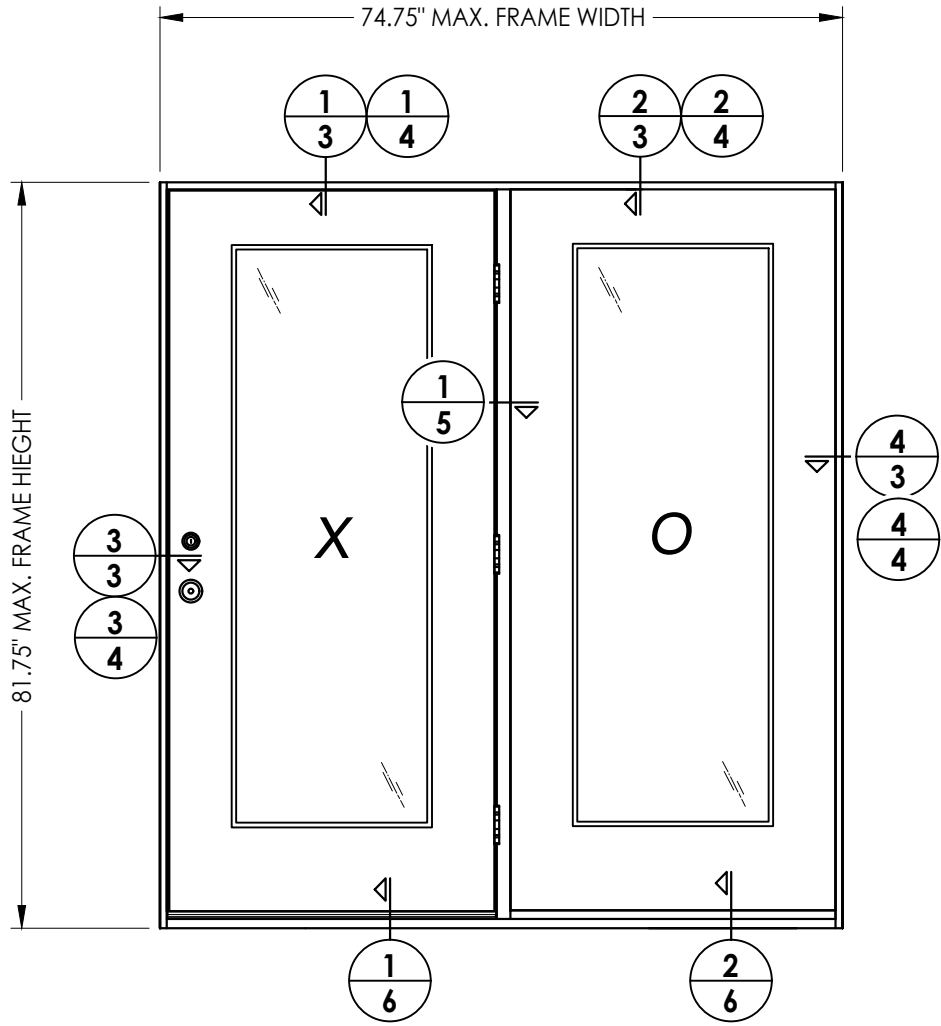
DWG. BY: *LFS*

CHK. BY: RW

DRAWING NO.:

FL-47851.4

NOTE:
SEE SEPARATE SIDE-HINGED DOOR & SIDELITE
FLORIDA PRODUCT APPROVAL FOR DOOR & SIDELITE
CONSTRUCTION DETAILS NOT SHOWN, INCLUDING
LOCK HARDWARE & HINGE CONNECTIONS.



SINGLE DOOR (CENTER HINGED) w/ SIDELITE
(Shown with glazed door)

DATE: 9/16/25	
SCALE: N.T.S.	
DWG. BY: LFS	
CHK. BY: RW	
DRAWING NO.: FL-47851.4	
SHEET 2	OF 8

NO.	DATE	UPDATE TO 9TH ED. (2026) FBC	LFS
1	7/02/26		
REVISIONS			

PRODUCT:	YOUNG MFG COMPONENTS
	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

[illegible]

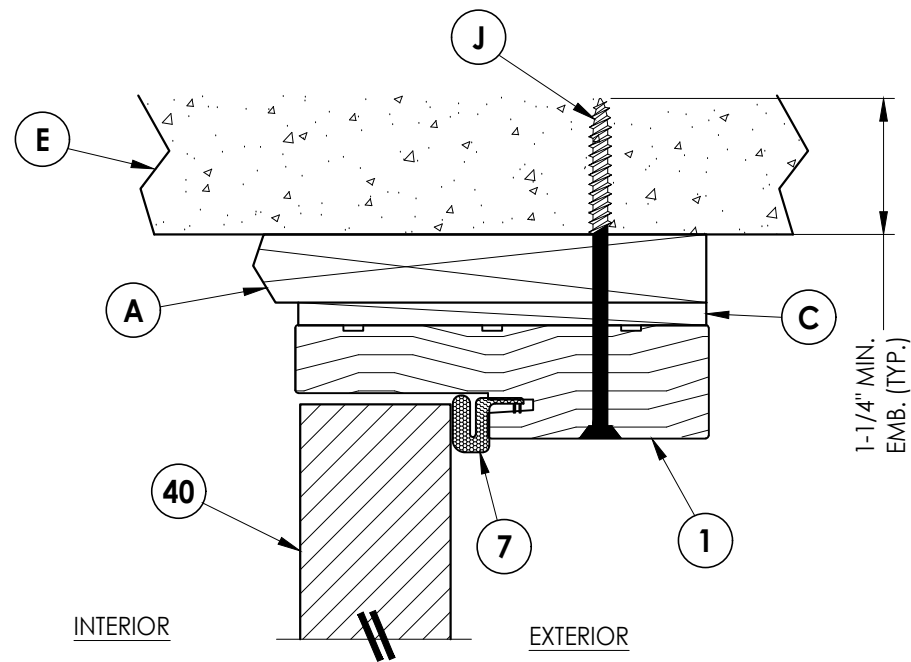
Technical drawing of a wall cross-section showing interior and exterior details. The interior side (left) shows a concrete wall (E) with a vertical reinforcement bar (D) extending through a horizontal reinforcement bar (B) into a horizontal reinforcement bar (C). The exterior side (right) shows a vertical reinforcement bar (L) extending through a horizontal reinforcement bar (C) into a horizontal reinforcement bar (1). A dimension line indicates a minimum thickness of 1-1/4 inches for the exterior wall. The drawing is labeled "INTERIOR" and "EXTERIOR" at the bottom.

Technical drawing of a window assembly cross-section. The drawing shows the exterior (top) and interior (bottom) components. Key components and labels include:

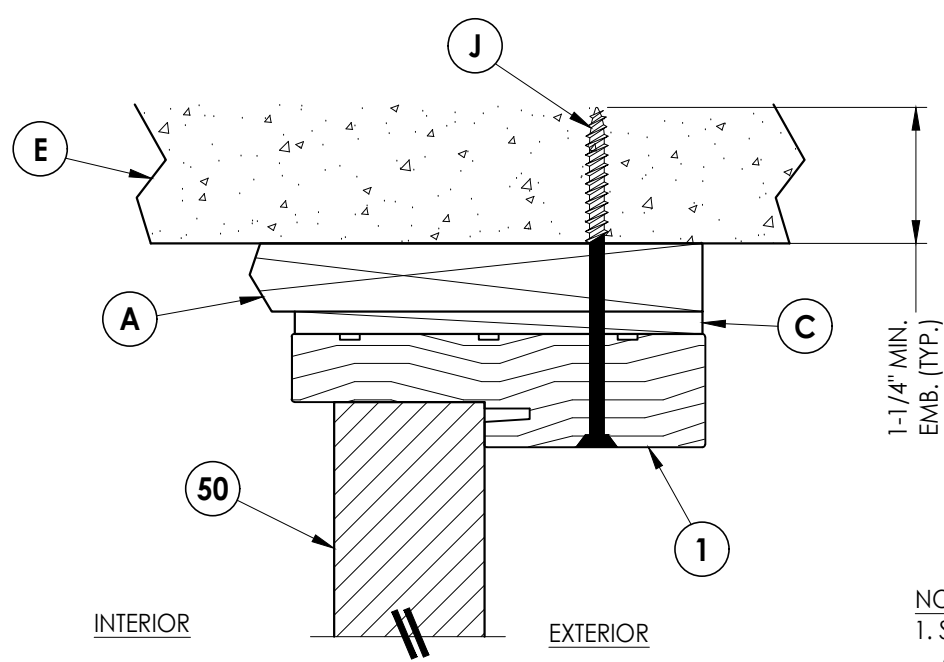
- 1**: Exterior frame or sash component.
- 22**: Interior frame or sash component.
- 50**: Interior glazing or panel component.
- C**: Fastener (screw) securing the exterior frame.
- L**: Fastener (screw) securing the interior frame.
- B**: Fastener (screw) securing the interior frame.
- D**: Fastener (screw) securing the interior frame.
- E**: Fastener (screw) securing the interior frame.
- SEE NOTE 1**: Reference to a note regarding the fasteners.
- 1-1/4" MIN. EMB. (TYP.)**: Minimum embedment depth of the fasteners.

4 HORIZONTAL CROSS SECTION

DATE: 9/16/25		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		YOUNG MFG COMPONENTS		Lyndon F. Schmidt P.E. No. 43409	
DWG. BY: LFS		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (2X BUCK)		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
CHK. BY: RW					
DRAWING NO.: FL-47851.4					
SHEET 3 OF 8					

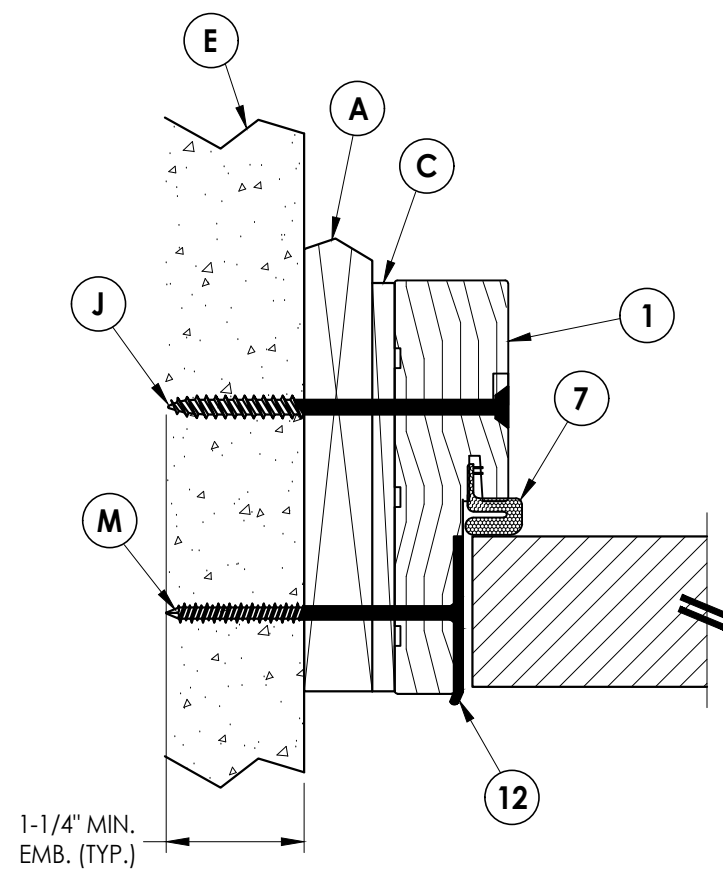


1 4 VERTICAL CROSS SECTION Inswing



2 VERTICAL CROSS SECTION
4 Inswing

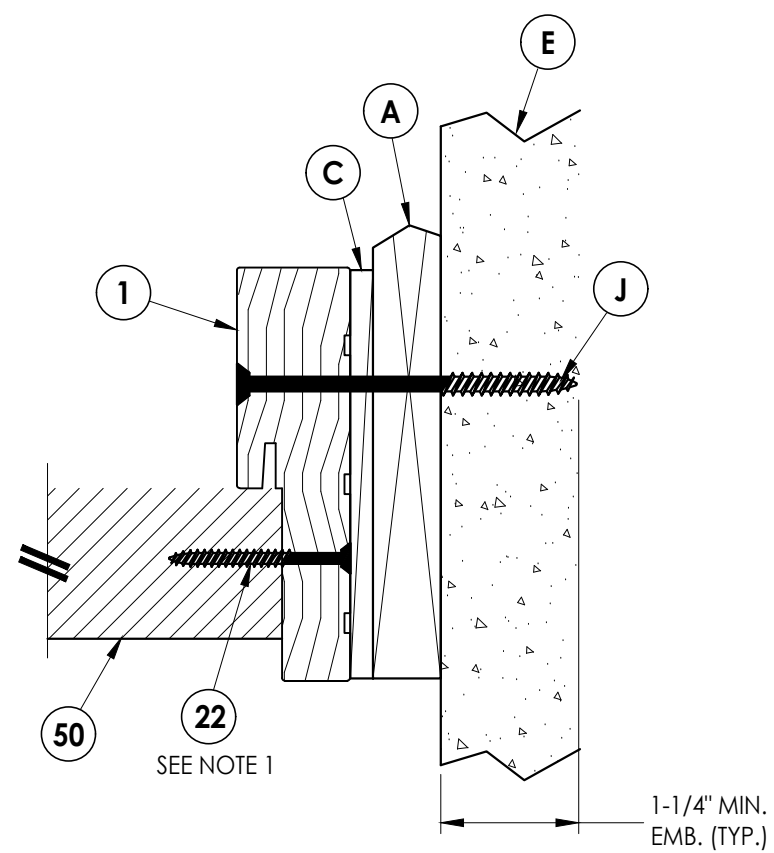
NOTE:
1. Sidelite assembly screws located 4" from each end plus 4 more equally spaced (6 total).



3 HORIZONTAL CROSS SECTION
4 Inswing

EXTERIOR

INTERIOR



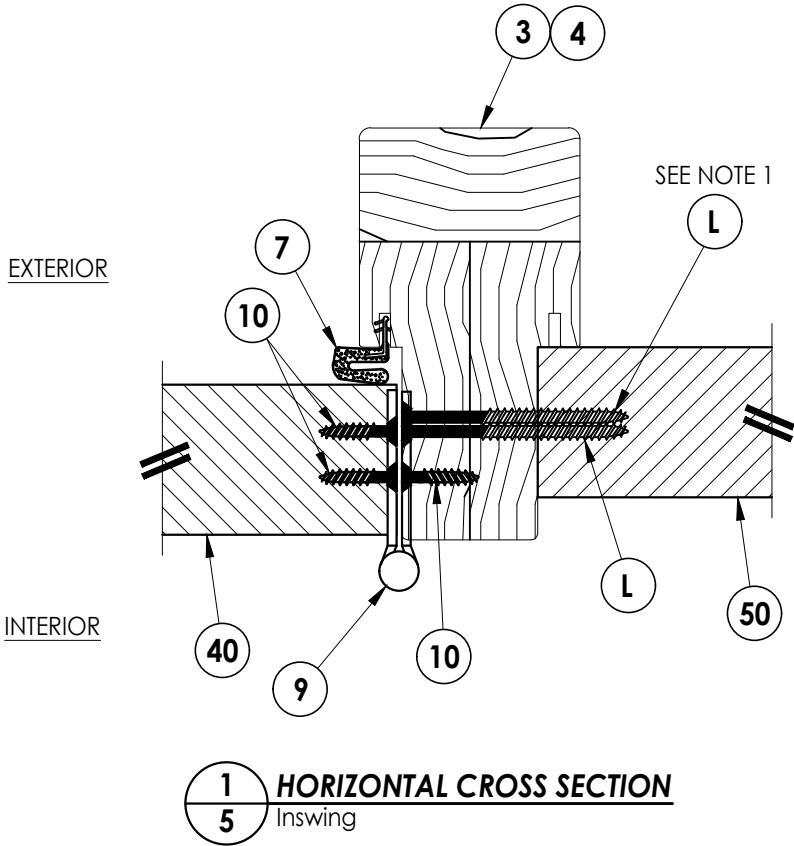
4 HORIZONTAL CROSS SECTION
4 Inswing

[illegible]

DATE:	9/16/25
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-47851.4
SHEET	4 OF 8

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

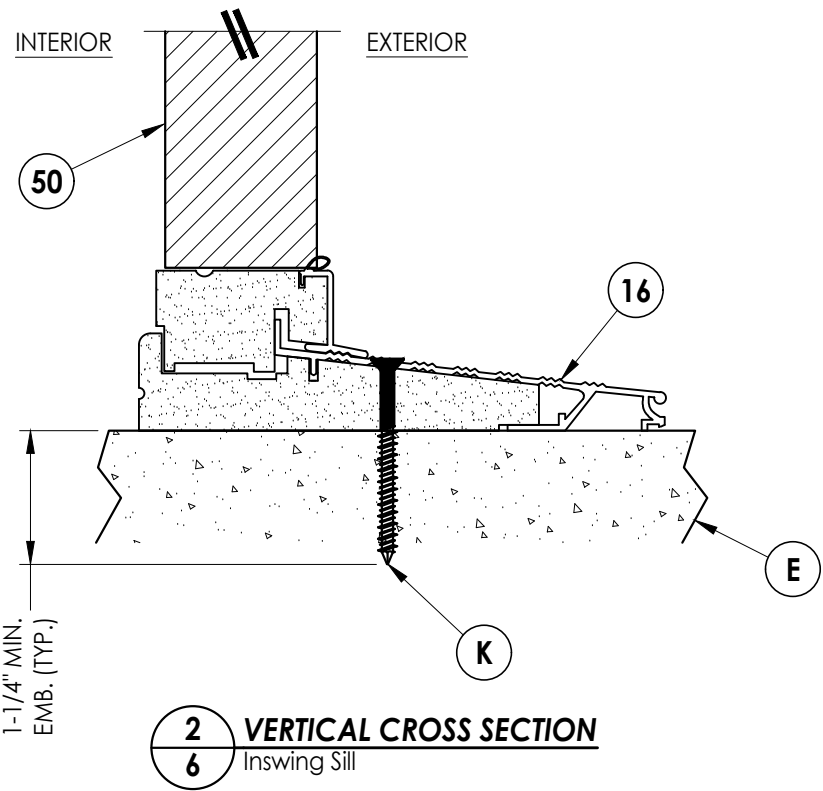
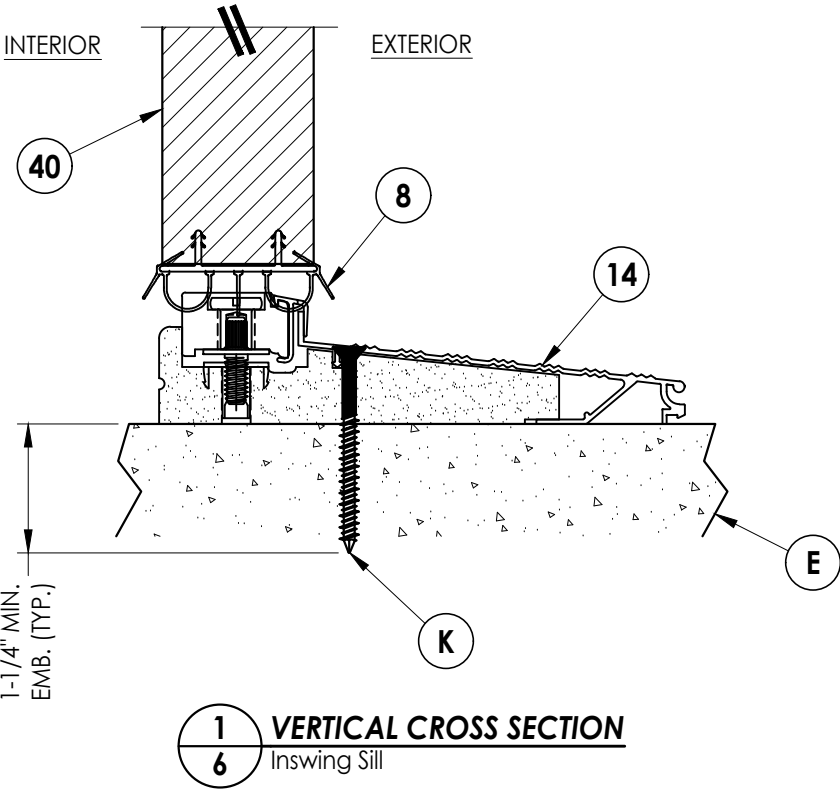
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



1 5 HORIZONTAL CROSS SECTION
Inswing

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

DATE: 9/16/25		DOCUMENTS PREPARED BY: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: LFS			
CHK. BY: RW		PRODUCT: YOUNG MFG COMPONENTS	
DRAWING NO.: FL-47851.4		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
SHEET 5 OF 8			
NO.		DATE	
1		7/02/26	
		UPDATE TO 9TH ED. (2026) FBC	
		LFS	
		BY	
		REVISIONS	

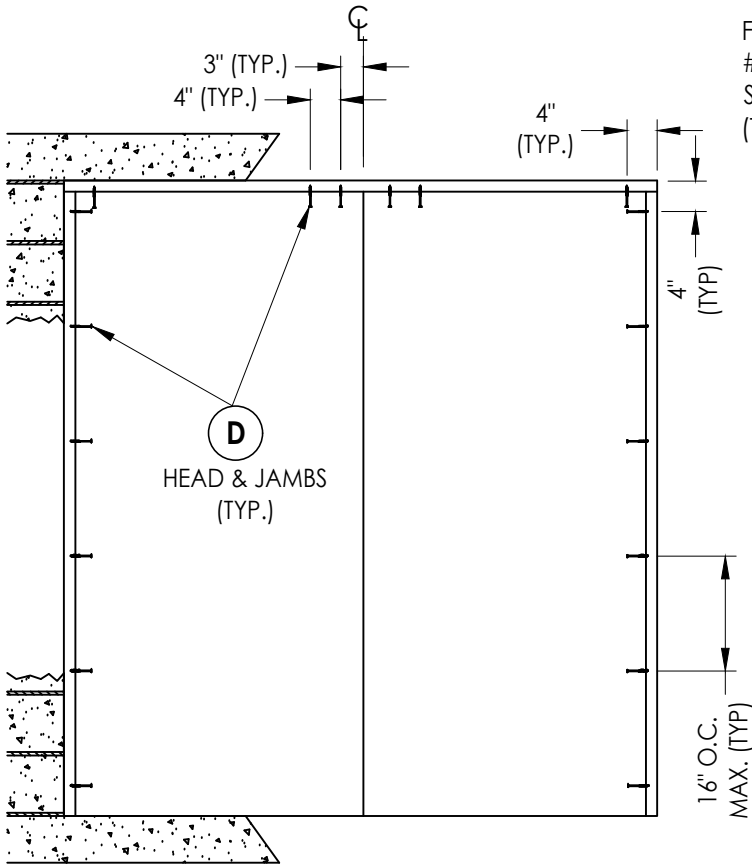
[illegible]

PRODUCT:	PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS (THRESHOLDS)
----------	-------------------	---

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

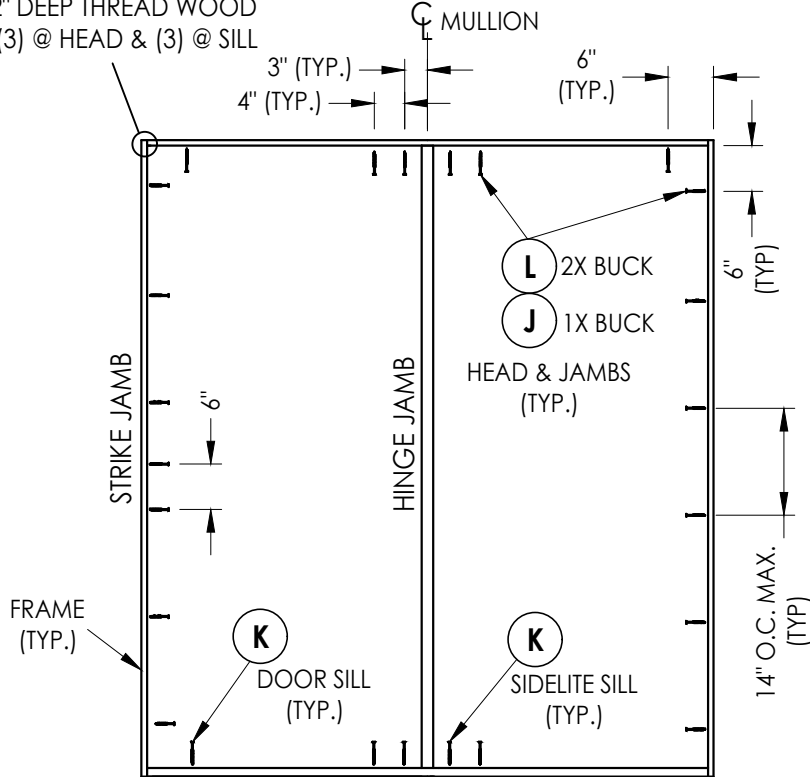
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Young MFG\FL-47851 R1\FL-47851.4.dwg



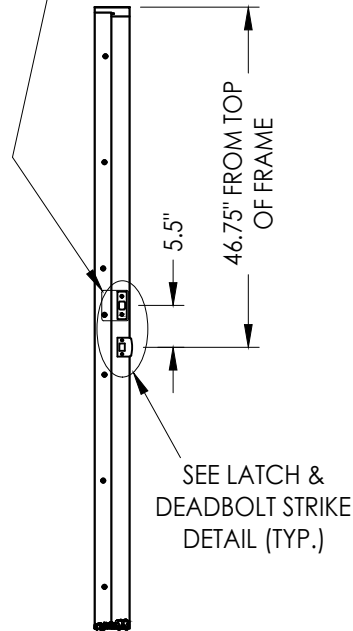
XO/OX
2X BUCK ANCHORING

FRAME CORNERS ATTACHED w/
#8 X 2-1/2" DEEP THREAD WOOD
SCREWS: (3) @ HEAD & (3) @ SILL
(TYP.)

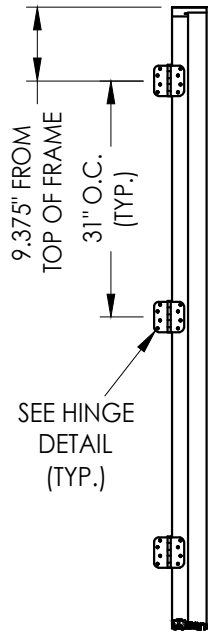


XO, OX
FRAME ANCHORING

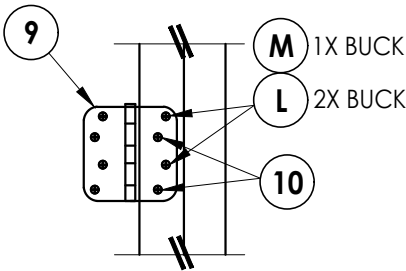
3.5" X 4" 20 GA. STEEL PLATE
ATTACHED TO BACK OF JAMB
w/ (4) 1" CROWN X 5/8" LONG
16 GA. STAPLES



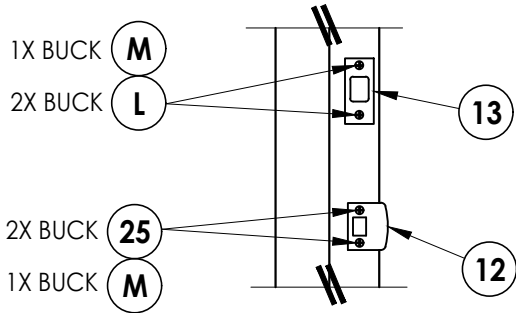
STRIKE JAMB



HINGE JAMB



HINGE DETAIL
INSWING



STRIKE PLATE DETAIL

NOTE:
SEE SEPARATE SIDE-HINGED DOOR & SIDELITE
FLORIDA PRODUCT APPROVAL FOR DOOR & SIDELITE
CONSTRUCTION DETAILS NOT SHOWN, INCLUDING
LOCK HARDWARE & HINGE CONNECTIONS.

HARDWARE DETAILS

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 COMPONENTS
PART OR ASSEMBLY: BUCK & FRAME ANCHORING (O/X, X/O) & HARDWARE DETAILS

NO.	DATE	REVISIONS
1	7/02/26	UPDATE TO 9TH ED. (2026) FBC
		LFS
		BY

DATE: 9/16/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-47851.4

SHEET 7 OF 8

Z:\2023 FBC Drawings\Young MFG\FL-47851 R1\FL-47851.4.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 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
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
1	WOOD JAMB	WOOD
3	INTEGRAL WOOD MULLION	WOOD
4	INTEGRAL WOOD MULLION (HIGH PROFILE)	WOOD
7	WEATHERSTRIP	FOAM
9	4" X 4" HINGE	STEEL
10	#10 X 3/4" PFH SMS	STEEL
12	LATCH STRIKE PLATE	STEEL
13	DEADBOLT STRIKE PLATE	STEEL
14	INSWING THRESHOLD	WOOD/COMP
16	INSWING THRESHOLD w/ SIDELITE ADAPTER	WOOD/COMP
22	#10 X 2" PFH WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
40	DOOR PANEL (BY OTHERS - SEE GENERAL NOTE 5, SHEET 1)	-
50	SIDELITE PANEL (BY OTHERS - SEE GENERAL NOTE 5, SHEET 1)	-

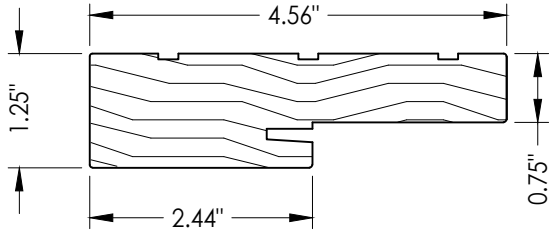
CONCRETE ANCHOR NOTES:

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

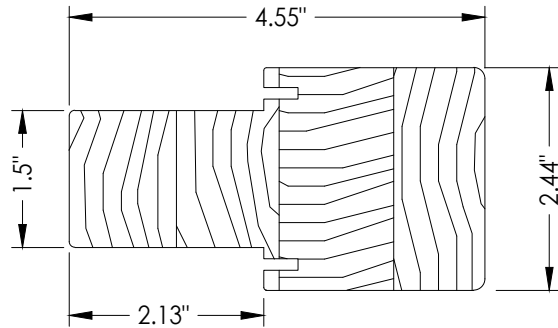
WOOD SCREW INSTALLATION NOTES:

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

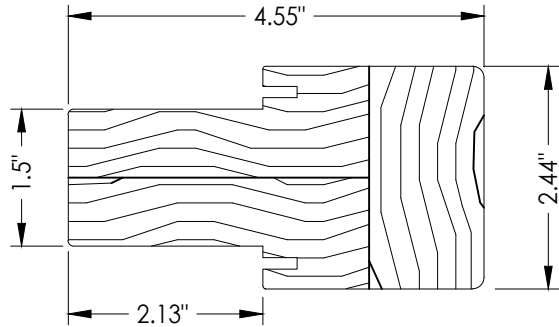


1 **WOOD JAMB (POPLAR)**
Young Mfg.

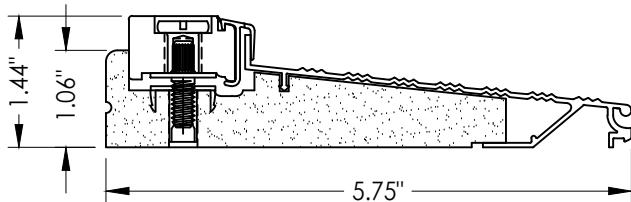
"ARMALAST" OR "PRIMED"
POPLAR WOOD JAMB/MULLION
MAY BE UTILIZED



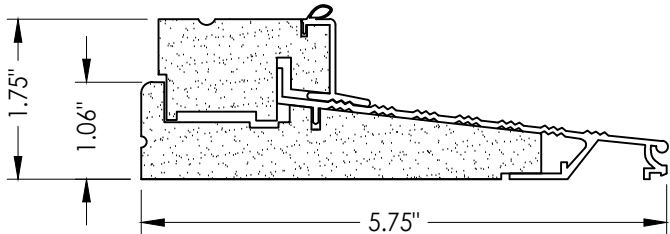
3 **INTEGRAL WOOD MULLION**
FINGER-JOINT POPLAR
Young Mfg.



4 **INTEGRAL WOOD MULLION**
FINGER-JOINT POPLAR (HIGH PROFILE)
Young Mfg.



14 **INSWING THRESHOLD**
Young Mfg.



16 **INSWING THRESHOLD w/ SIDELITE ADAPTER**
Young Mfg.

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
COMPONENTS

PART OR ASSEMBLY:

BILL OF MATERIALS
& COMPONENTS

1 7/02/26 UPDATE TO 9TH ED. (2026) FBC
NO. DATE LFS BY

REVISIONS

DATE: 9/16/25

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-47851.4

SHEET 8 OF 8