

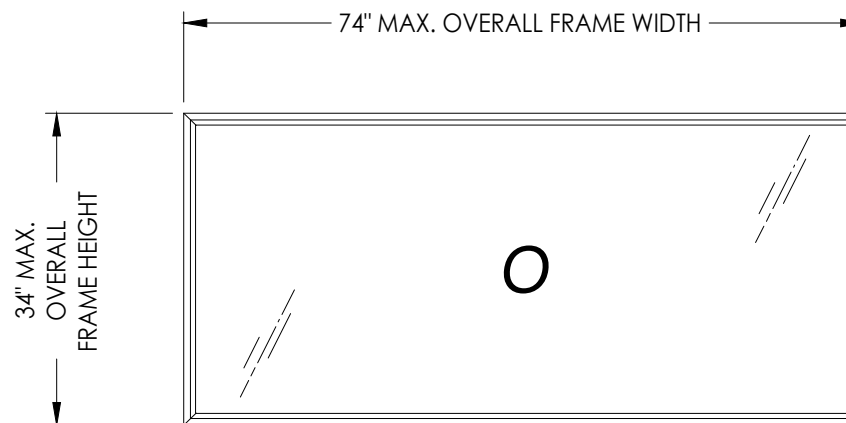


TRANSOM / FIXED LITE
"IMPACT"

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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 3 as defined in ASTM E 1996.
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 elevation, design pressures & general notes
2	Horizontal and vertical cross sections
3	Buck & frame anchoring
4	Bill of materials, glazing details & components



OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
74" x 34"	71.3" x 31.3"	G1, G2	+50.0	-50.0

LFSchmidt



A circular professional engineer seal for the State of Florida. The outer ring contains the text "L.F. SCHMIDT" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No. 43409" is in the center, and "STATE OF FLORIDA" is at the bottom, also separated by two stars. The seal has a dashed outer border and a solid inner border.

Digitally signed by
Lyndon F Schmidt
Date: 2026.07.26
10:13:33 -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

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

PRODUCT: TRINITY
TRANSOM / FIXED LITE

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

[illegible]

DATE: 4/13/23

SCALE: N.T.S.

DWG. BY: *LFS*

CHK. BY: *RW*

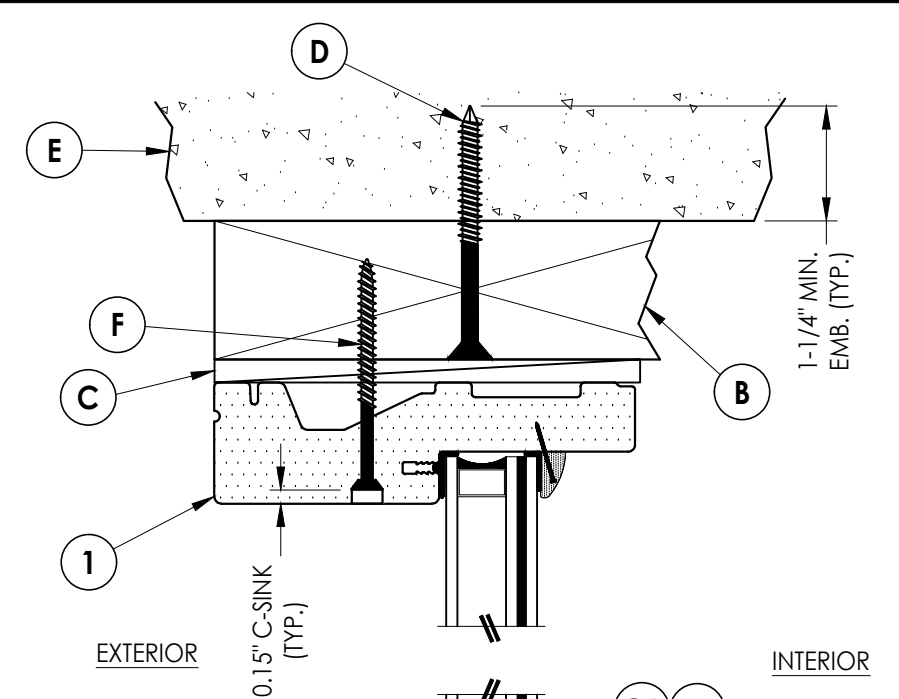
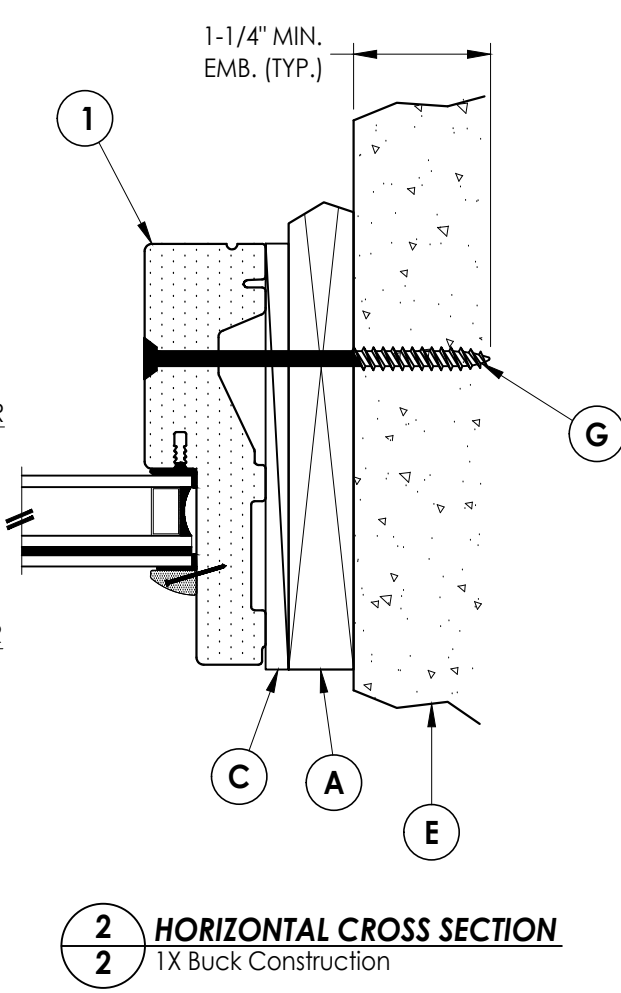
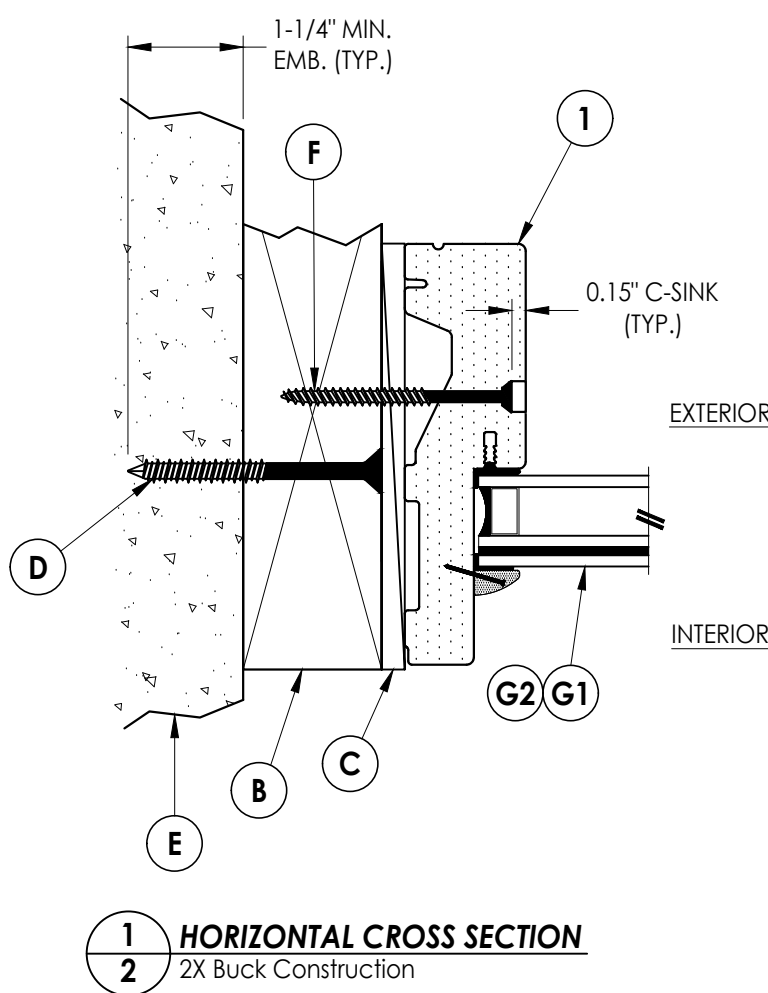
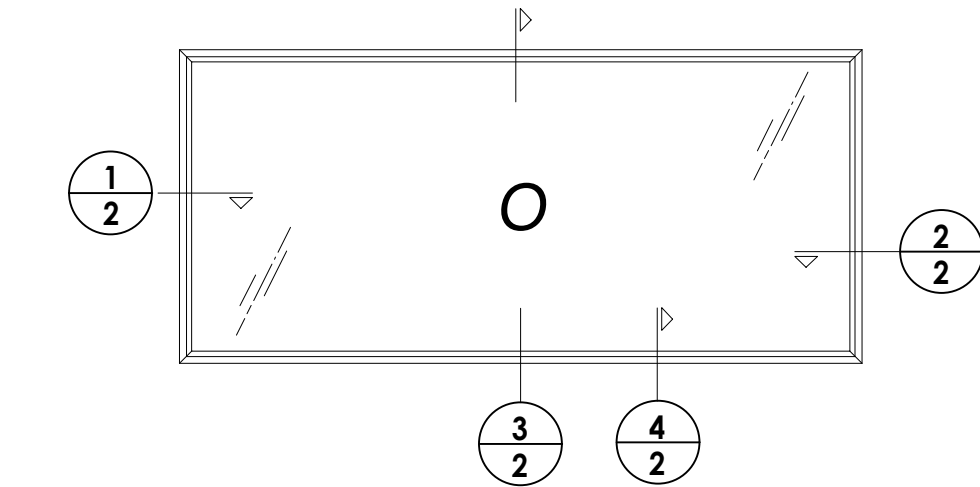
DRAWING NO.:

FL-5016.3

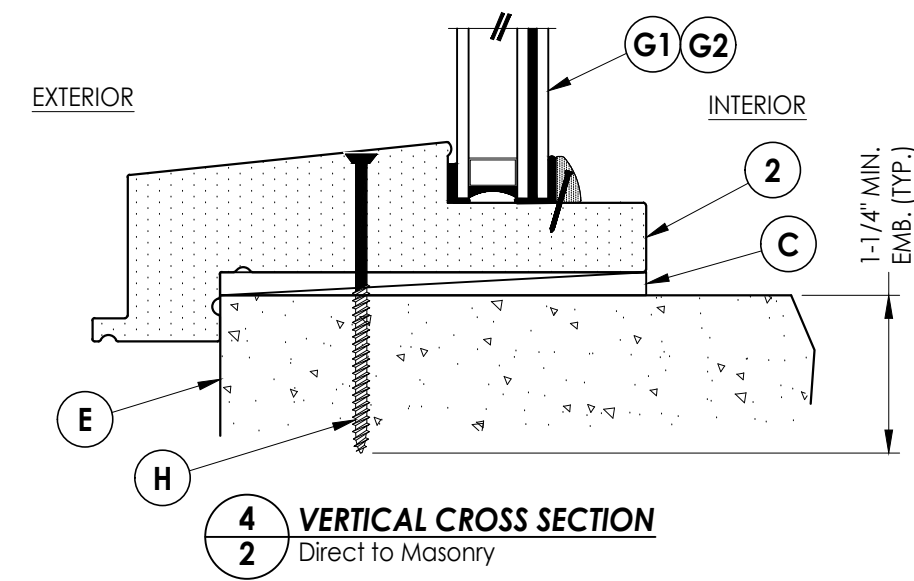
SHEET 1 OF 4

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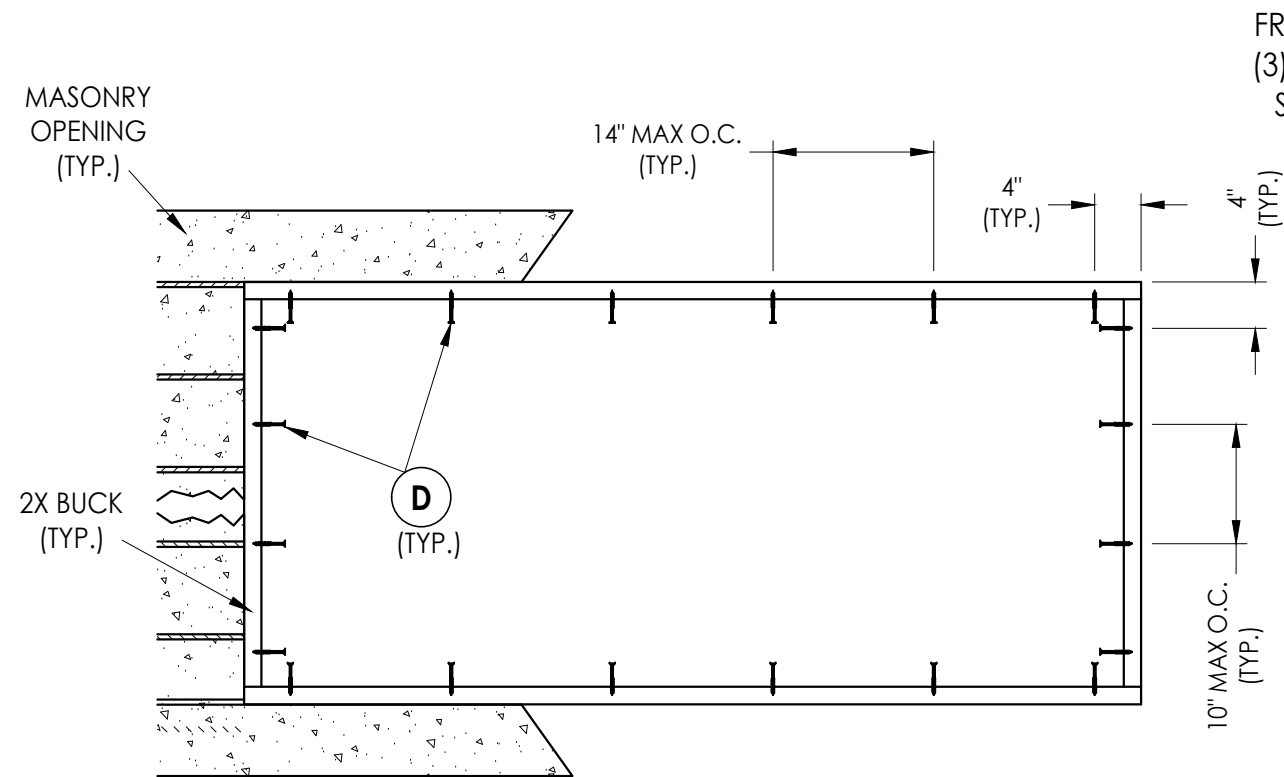


3
2 **VERTICAL CROSS SECTION**
2X Buck Construction

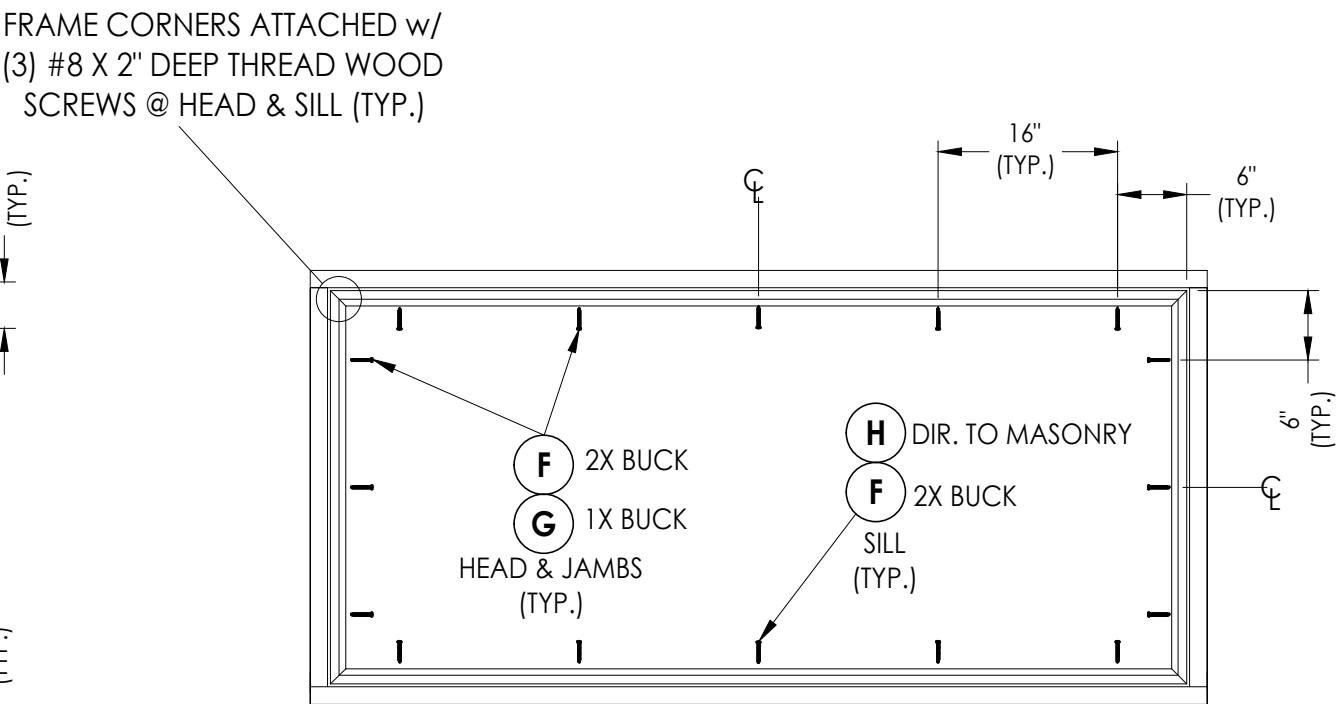


4
2 **VERTICAL CROSS SECTION**
Direct to Masonry

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BUCK ANCHORING



FRAME ANCHORING

Masonry construction

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 TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

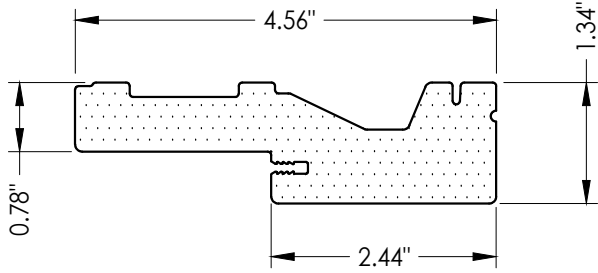
WOOD SCREW INSTALLATION NOTES:

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

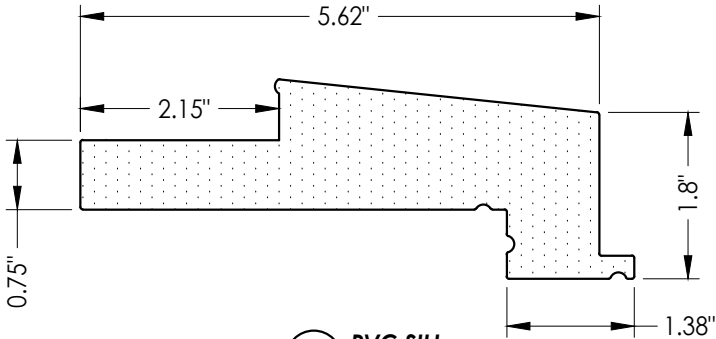
DATE: 4/13/23		SHEET 3 OF 4	
DRAWING NO.: FL-5016.3		DWG. BY: LFS	
CHK. BY: RW		SCALE: N.T.S.	
NO.		DATE	
2	7/01/26	UPDATE TO 9TH ED. (2026)	FBC LFS
1	7/31/23	UPDATE TO 8TH ED. (2023)	FBC LFS
NO.		BY	
PRODUCT:		PART OR ASSEMBLY:	
TRINITY TRANSOM / FIXED LITE		BUCK & FRAME ANCHORING	
Documents Prepared 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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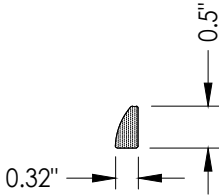
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G = 0.42)	WOOD
B	2X BUCK (G = 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
H	1/4" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
1	PVC HEAD & JAMBS	PVC
2	PVC SILL	PVC
3	GLAZING BEAD	PVC



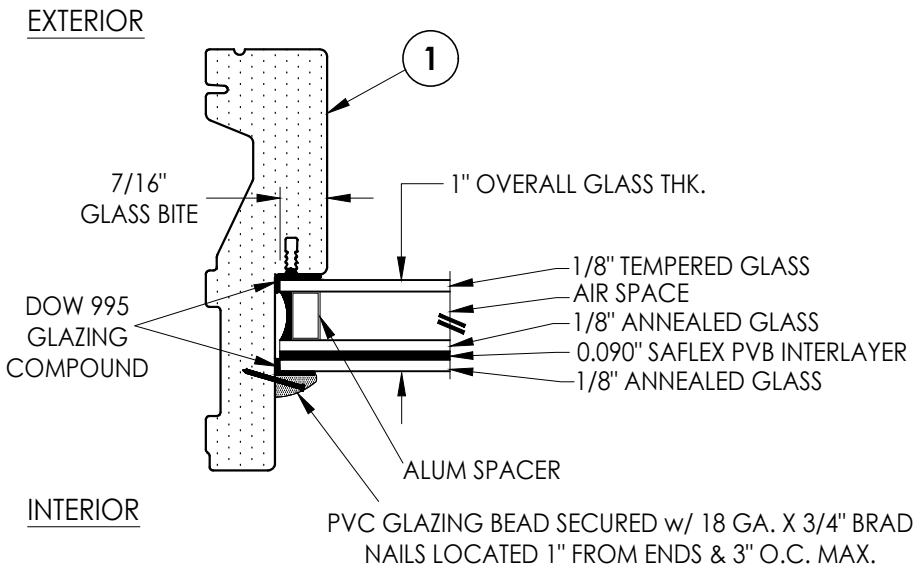
1 PVC HEAD & JAMBS



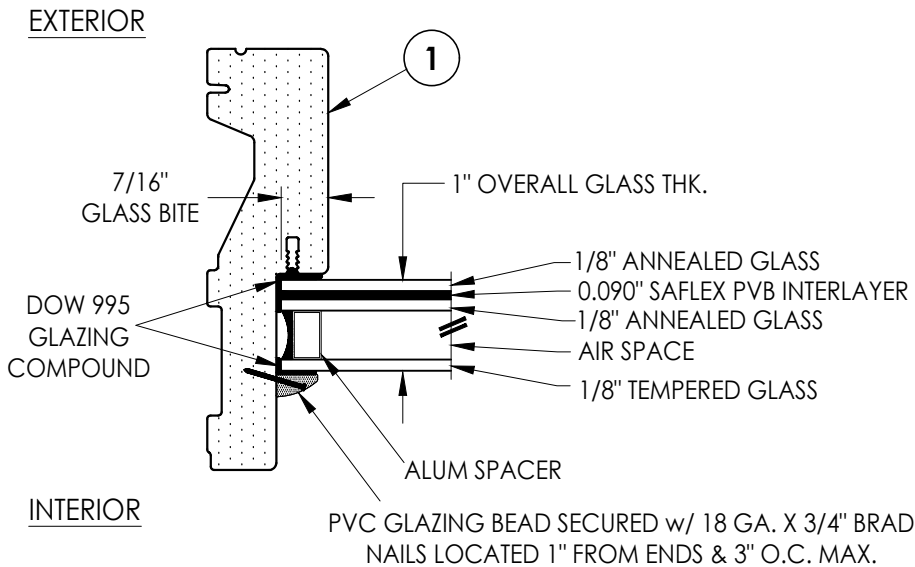
2 PVC SILL



3 GLAZING BEAD



G1 GLAZING DETAIL
Transom



G2 GLAZING DETAIL
Transom

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PRODUCT: TRINITY TRANSOM / FIXED LITE		PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS	
	2	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
	1	7/31/23	UPDATE TO 8TH ED. (2023) FBC LFS
	NO.	DATE	BY
REVISIONS			
DATE: 4/13/23			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-5016.3			
SHEET 4 OF 4			