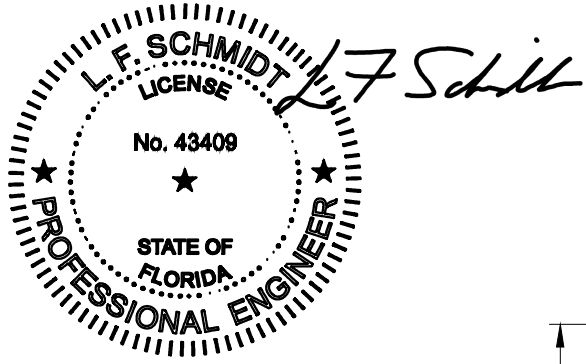


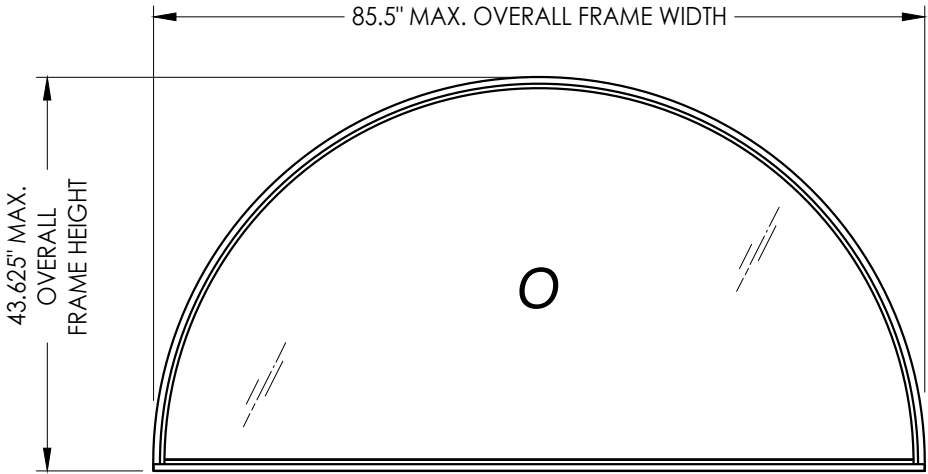


This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

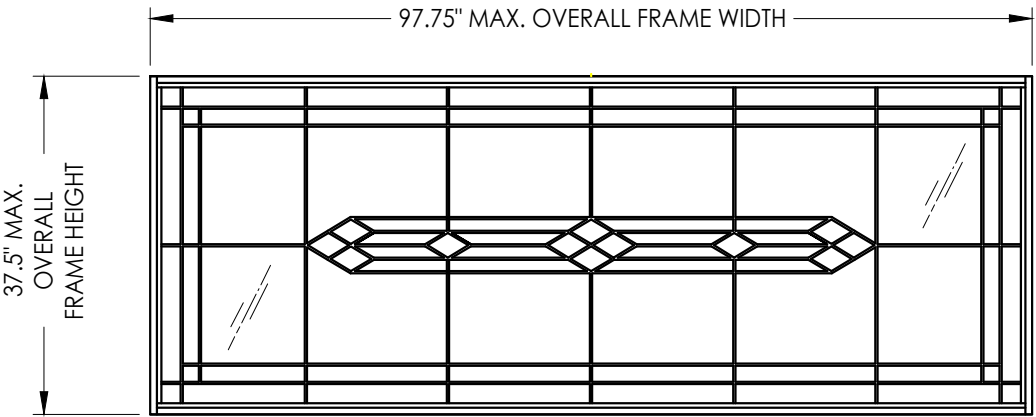
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

TRANSOM / FIXED LITE

"IMPACT" - HVHZ



HALF-ROUND FIXED LITE
(Shown w/ Clear Glass)



RECTANGULAR FIXED LITE
(Shown w/ Decorative Glass)

UNIT TYPE	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
HALF-ROUND	72.0" x 36.0"	69.5" x 32.5"	G1	+60.0	-60.0
	85.5" x 43.63"	83.0" x 41.13"	G2	+60.0	-65.0
RECTANGULAR	72.0" x 36.0"	69.5" x 32.5"	G1	+60.0	-60.0
	97.75" x 37.5"	95.25" x 35.0"	G2	+60.0	-65.0

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Horizontal and vertical cross sections
3	Buck & frame anchoring (Half-Round)
4	Buck & frame anchoring (Rectangular)
5	Bill of materials, glazing details & components

- GENERAL NOTES
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including 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 the "HVHZ", this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
 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.
 6. This product meets water infiltration requirements for "HVHZ".

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: TRANSOM / FIXED LITE
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

REVISIONS			
2	7/13/23	UPDATE TO 8TH ED. (2023) FBC	LFS
1	8/13/20	UPDATE TO 7th ED. (2020) FBC	DAC
NO.	DATE		BY

DATE: 6/13/18

SCALE: N.T.S.

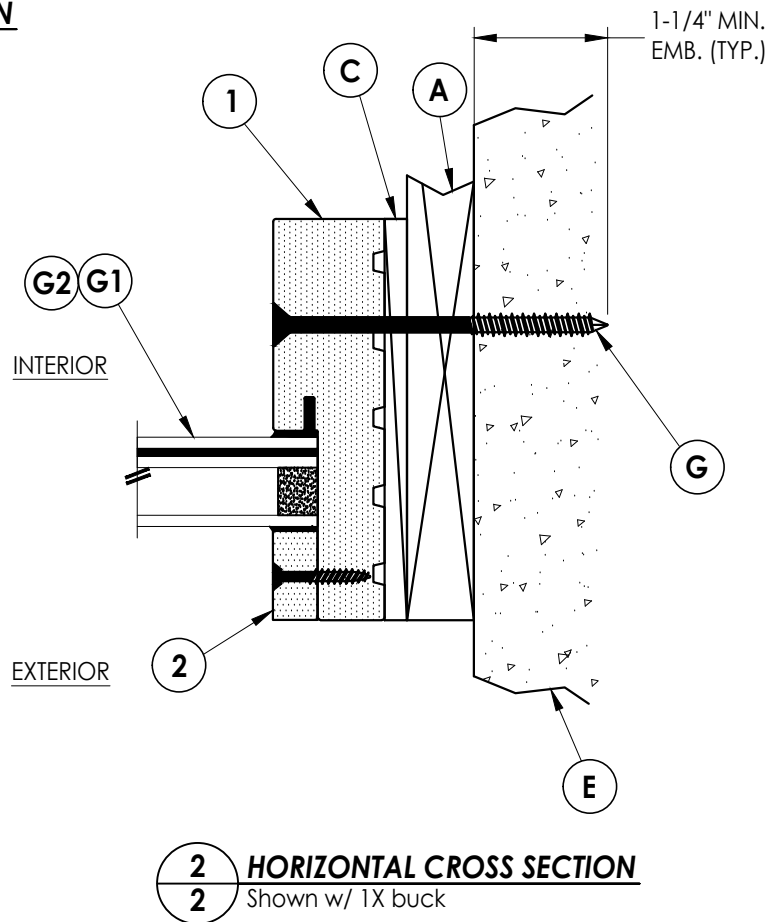
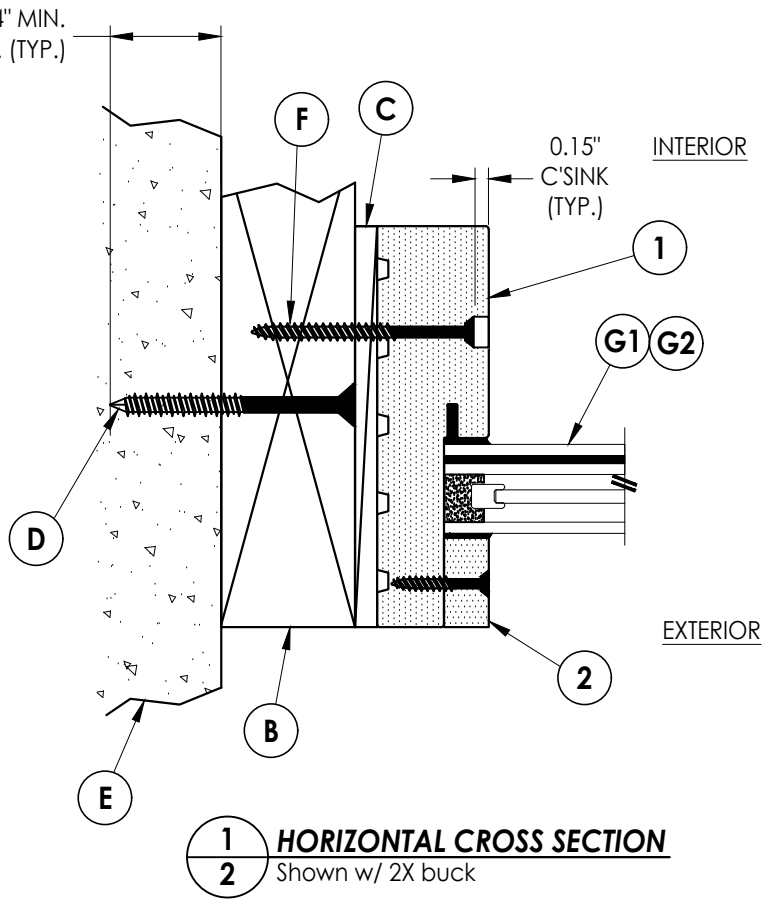
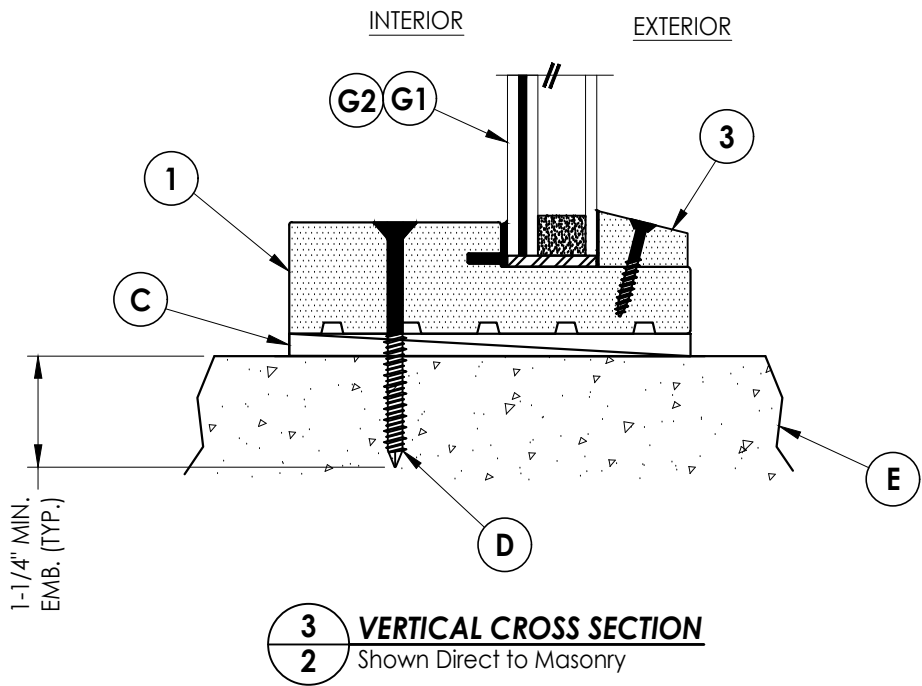
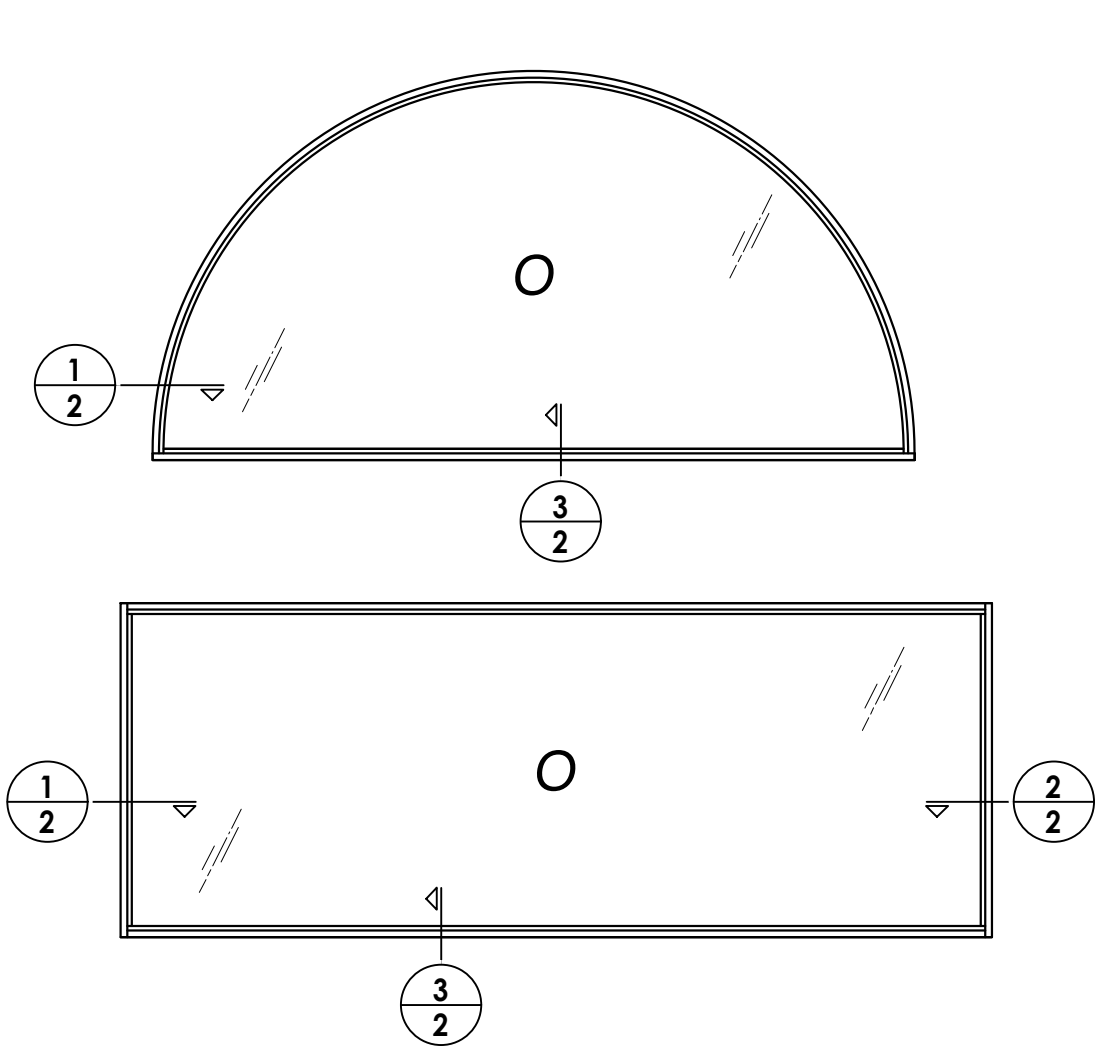
DWG. BY: JK

CHK. BY: LFS

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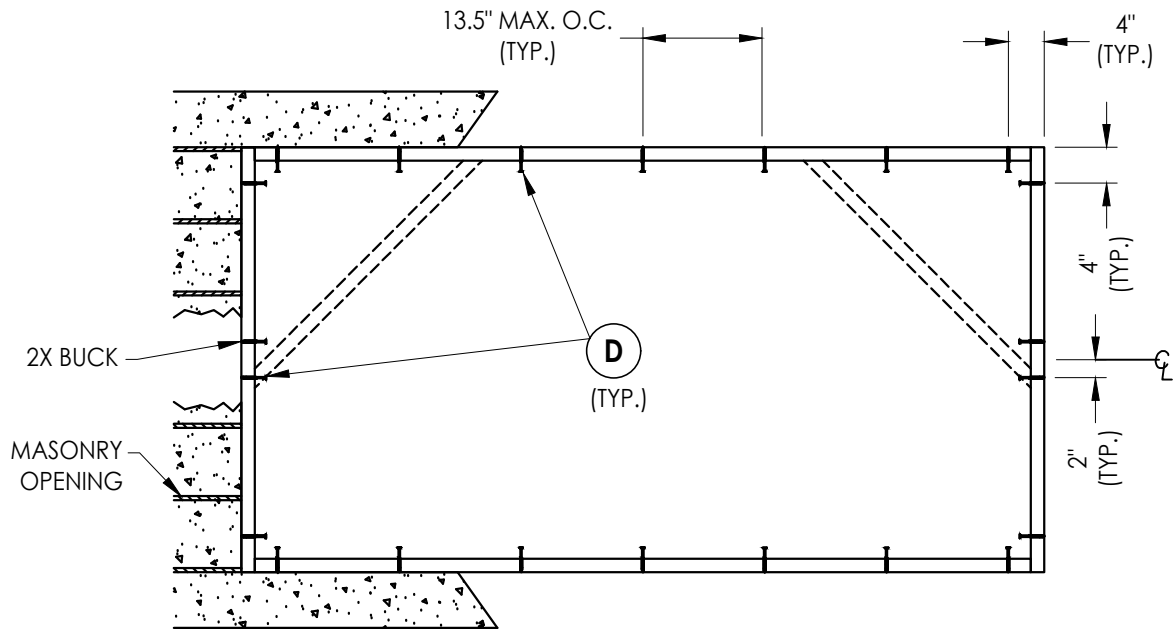
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SHEET 1 OF 5

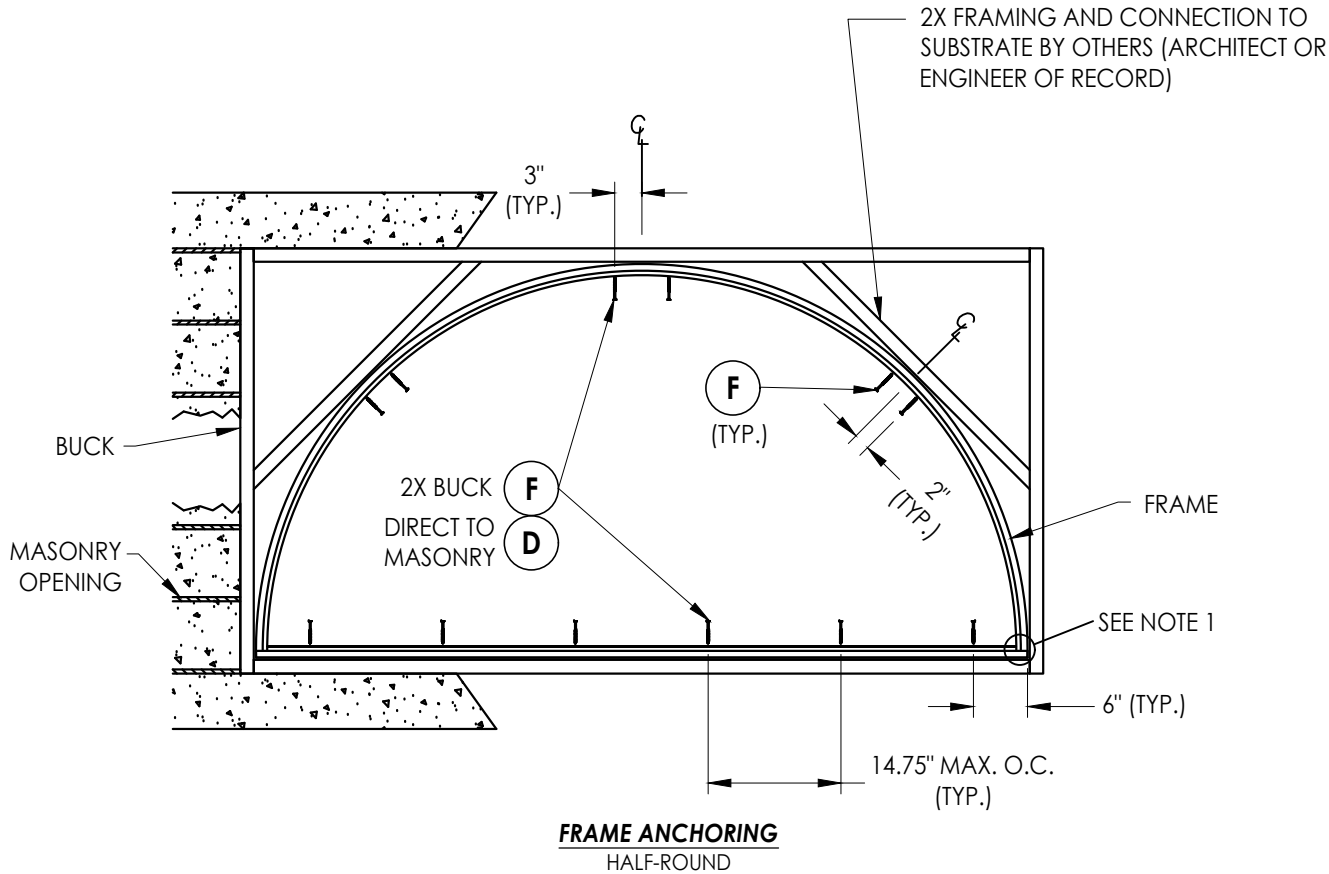


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT:		TRANSOM / FIXED LITE		PART OR ASSEMBLY:		HORIZONTAL AND VERTICAL CROSS SECTIONS	
				LFS	FBC	DATE	REVISIONS
				2	7/13/23	UPDATE TO 8TH ED. (2023)	BY
				1	8/13/20	UPDATE TO 7th ED. (2020)	BY
DATE: 6/13/18				SCALE: N.T.S.			
DWG. BY: JK				CHK. BY: LFS			
DRAWING NO.: FL-27399.3				SHEET 2 OF 5			

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BUCK ANCHORING
HALF-ROUND



FRAME ANCHORING
HALF-ROUND

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®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA-CON+®	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.

NOTE:

- FRAME CORNERS SEALED w/ DOW 995 & CONNECTED w/ (3) #10 X 2" FPH WOOD SCREWS (TYP.).

Documents Prepared By:

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PRODUCT:

TRANSOM / FIXED LITE

PART OR ASSEMBLY:

BUCK & FRAME ANCHORING
(HALF-ROUND)

DATE: 6/13/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

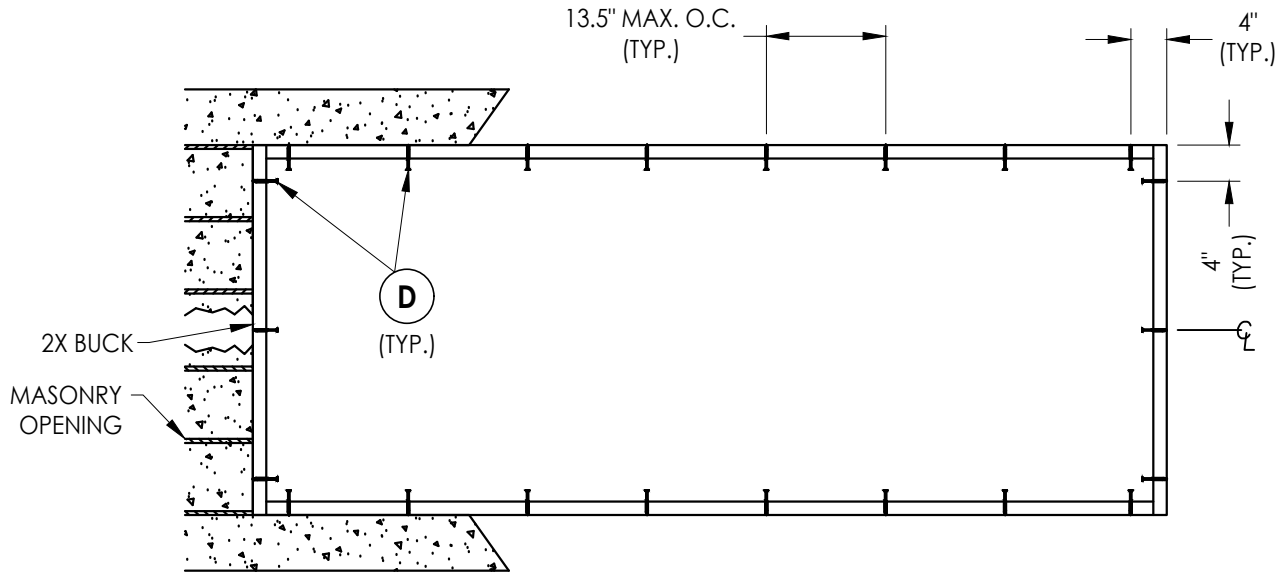
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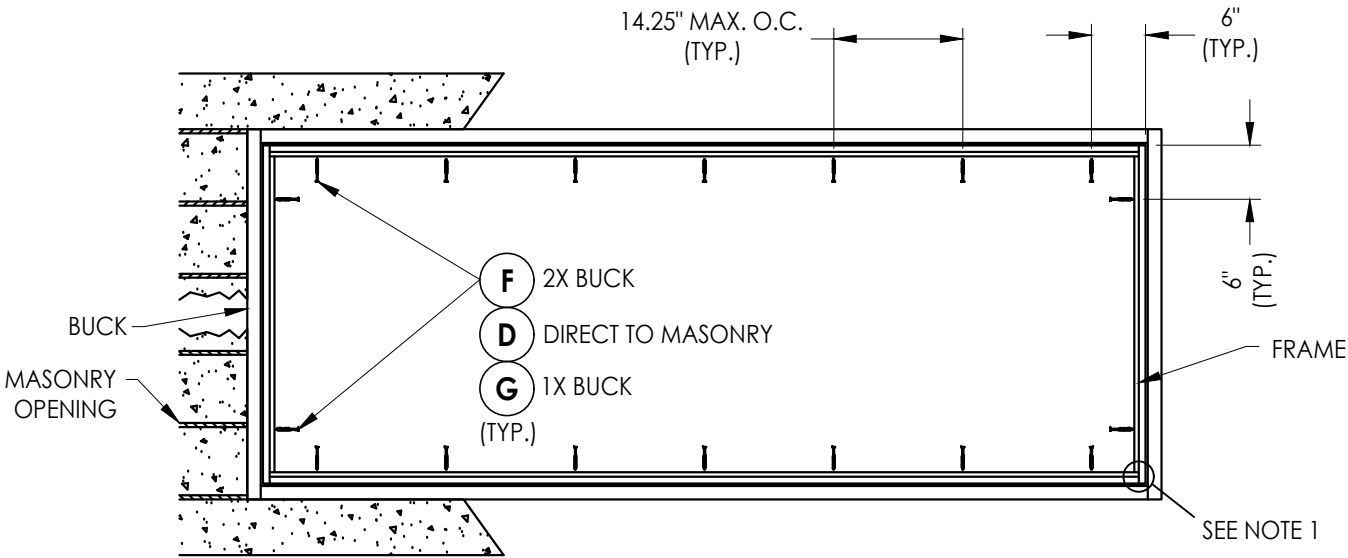
SHEET 3 OF 5

REVISIONS

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BUCK ANCHORING
RECTANGULAR



FRAME ANCHORING
RECTANGULAR

CONCRETE ANCHOR NOTES:

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

NOTE:

- FRAME CORNERS SEALED w/ DOW 995 & CONNECTED w/ (3) #10 X 2" FPH WOOD SCREWS (TYP.).

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
TRANSOM / FIXED LITE

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING
(RECTANGULAR)

NO.	DATE	REVISIONS
2	7/13/23	UPDATE TO 8TH ED. (2023) FBC LFS
1	8/13/20	UPDATE TO 7th ED. (2020) FBC DAC
		BY

DATE: 6/13/18

SCALE: N.T.S.

DWG. BY: JK

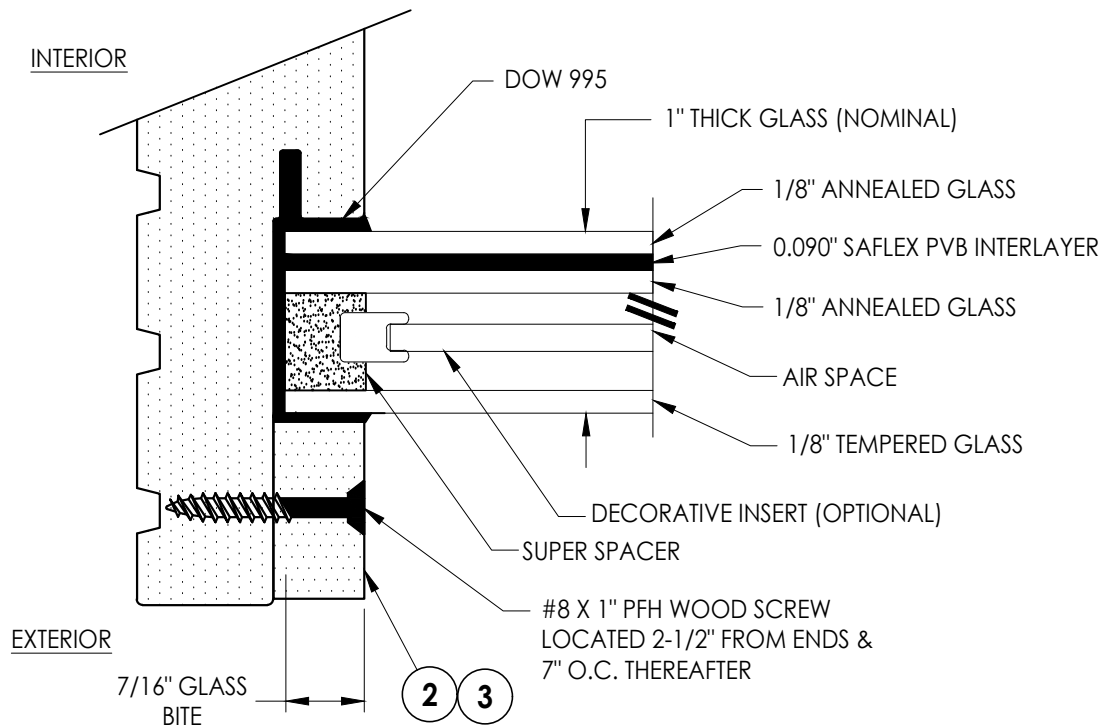
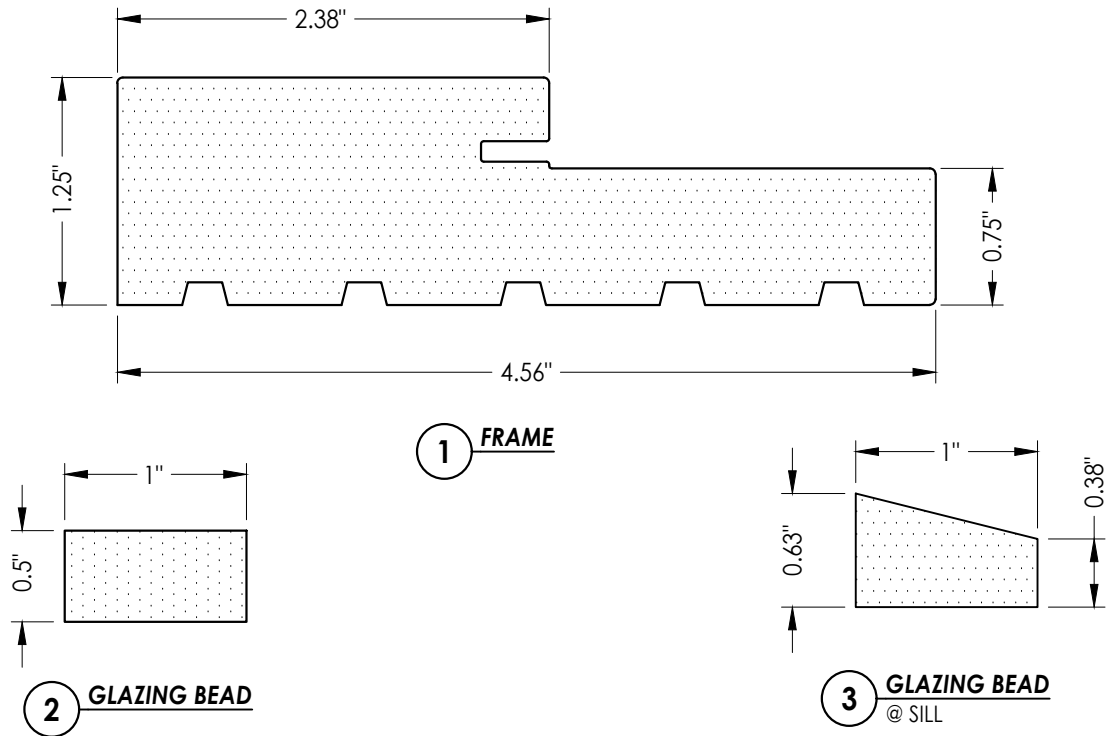
CHK. BY: LFS

DRAWING NO.: FL-27399.3

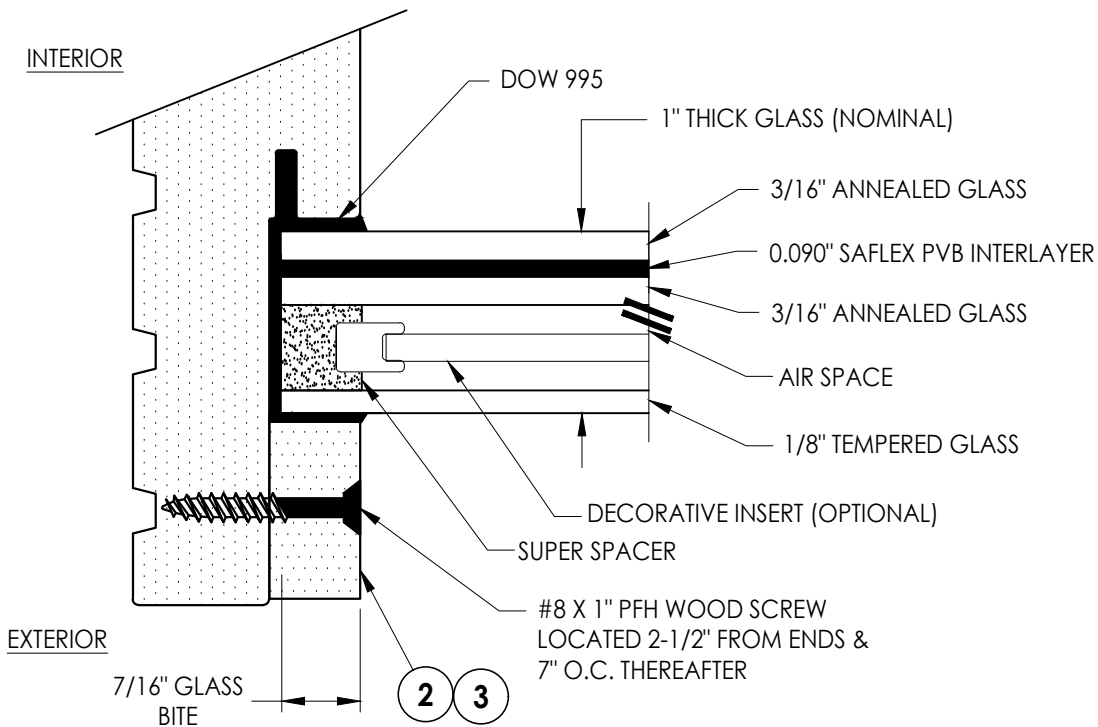
SHEET 4 OF 5

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
F	#10 X 2-1/2" FH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	FRAME	COMPOSITE
2	GLAZING BEAD	COMPOSITE
3	GLAZING BEAD (@ SILL)	COMPOSITE

NOTE: ALL FRAME COMPOSITES BY WORLDWIDE



G1 GLAZING DETAIL



G2 GLAZING DETAIL

GLAZING > 36" WIDE REQUIRES TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1.

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FBPE Registry No. 9813

PRODUCT:
TRANSOM / FIXED LITE

PART OR ASSEMBLY:
BILL OF MATERIALS, COMPONENTS
AND GLAZING DETAIL

NO.	DATE	REVISIONS
2	7/13/23	UPDATE TO 8TH ED. (2023) FBC
1	8/13/20	UPDATE TO 7TH ED. (2020) FBC

DATE: 6/13/18

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-27399.3

SHEET 5 OF 5