

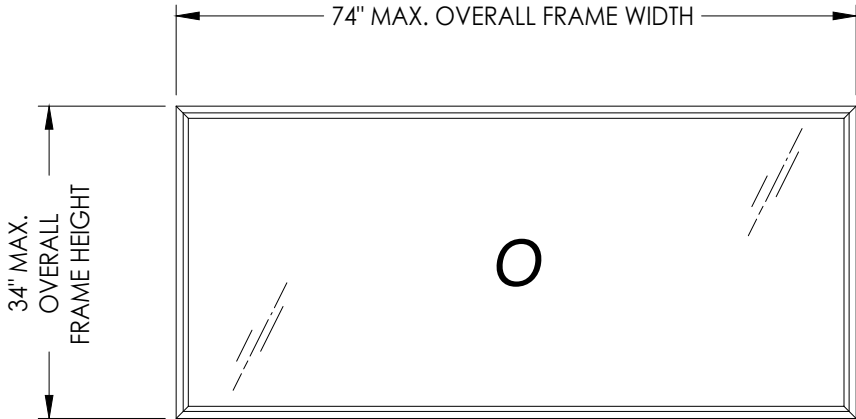
TRANSOM / FIXED LITE

"NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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 is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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	+65.0	-65.0

L F Schmidt

L. F. SCHMIDT

LICENSE

No. 43409

★

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Digitally signed by

Lyndon F Schmidt

Date: 2023.08.01

11:40:53 -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

PRODUCT:

TRINITY

TRANSOM / FIXED LITE

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN

PRESSURES & GENERAL NOTES

DATE:

4/13/23

SCALE:

N.T.S.

DWG. BY:

LFS

CHK. BY:

RW

DRAWING NO.:

FL-5016.2

SHEET

1

OF

4

REVISIONS

NO.	DATE	BY
1	7/31/23	LFS
UPDATE TO 8TH ED. (2023) FBC		

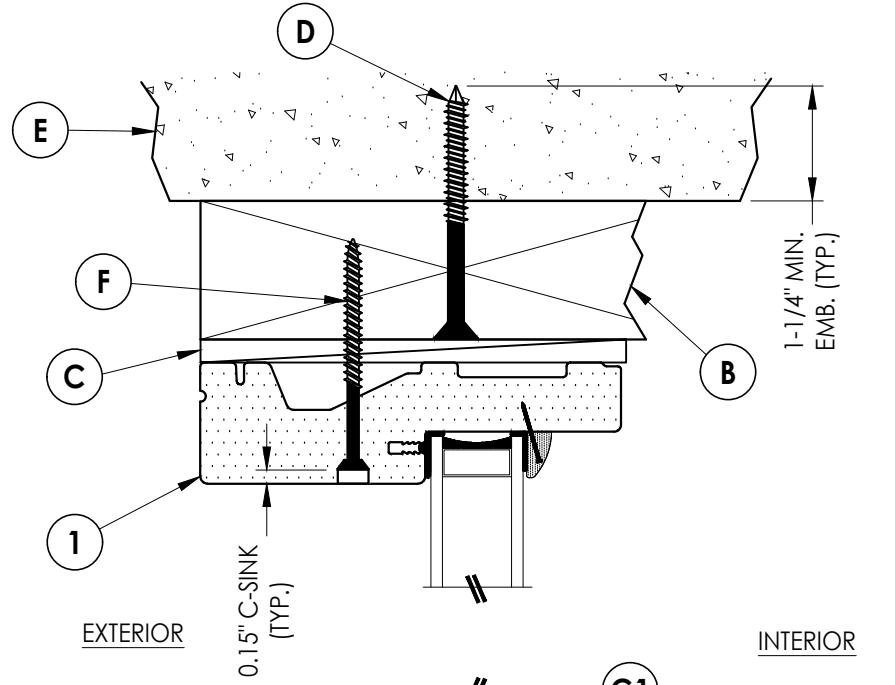
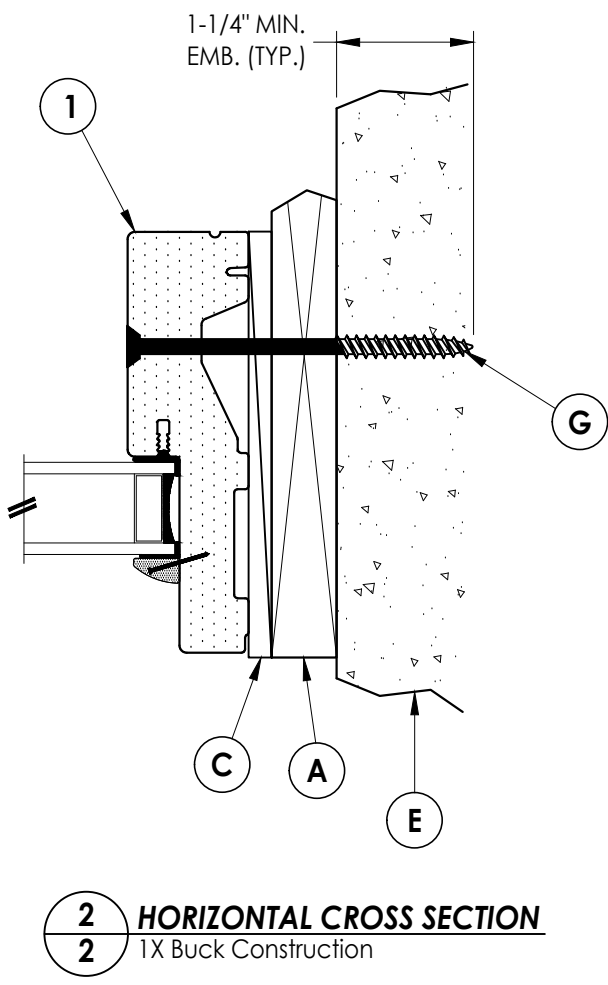
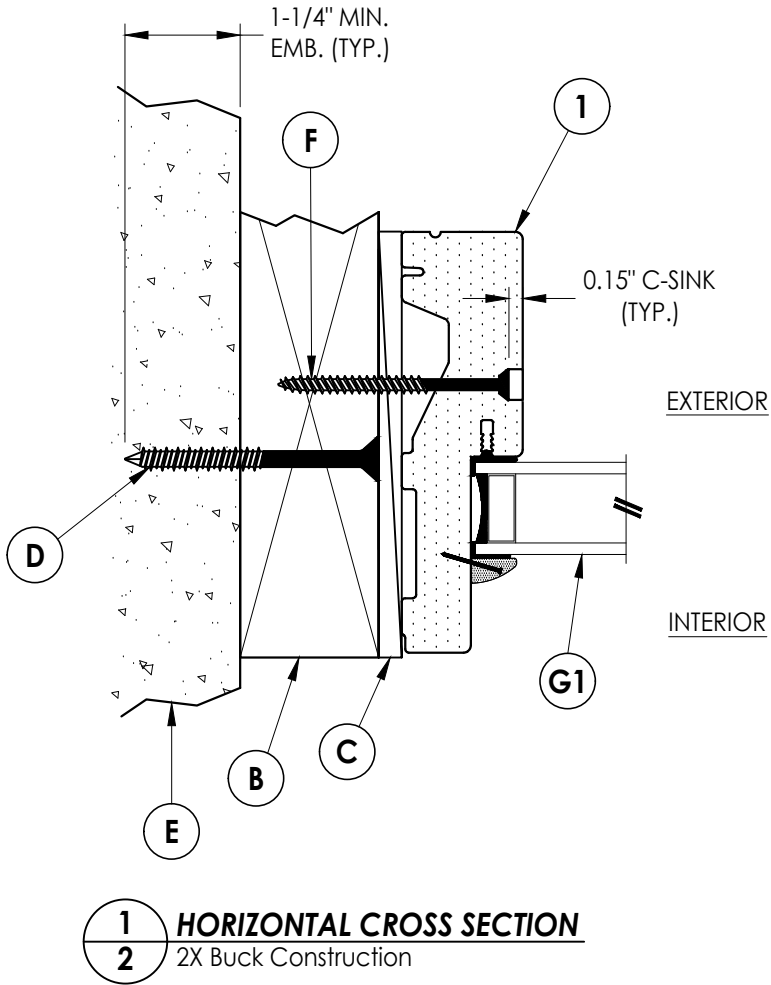
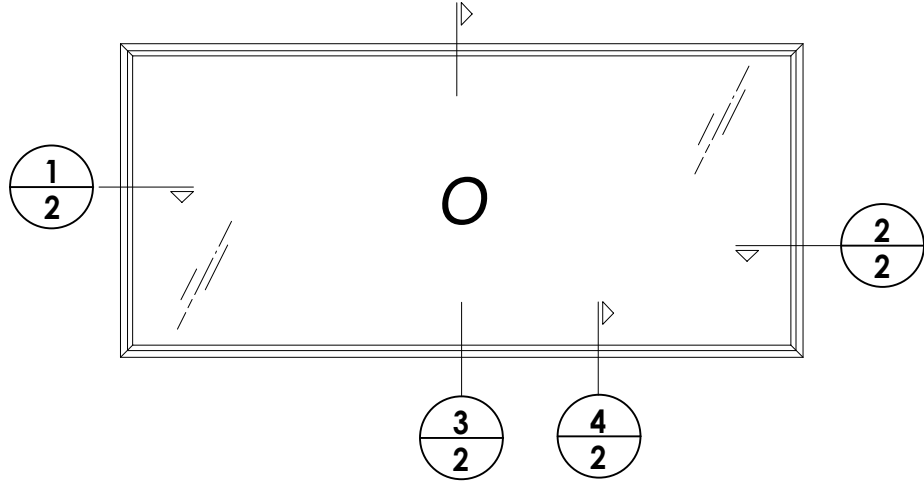
BUILDING CONSULTANTS, INC.

P.O. Box 230, Vairico, FL 33595

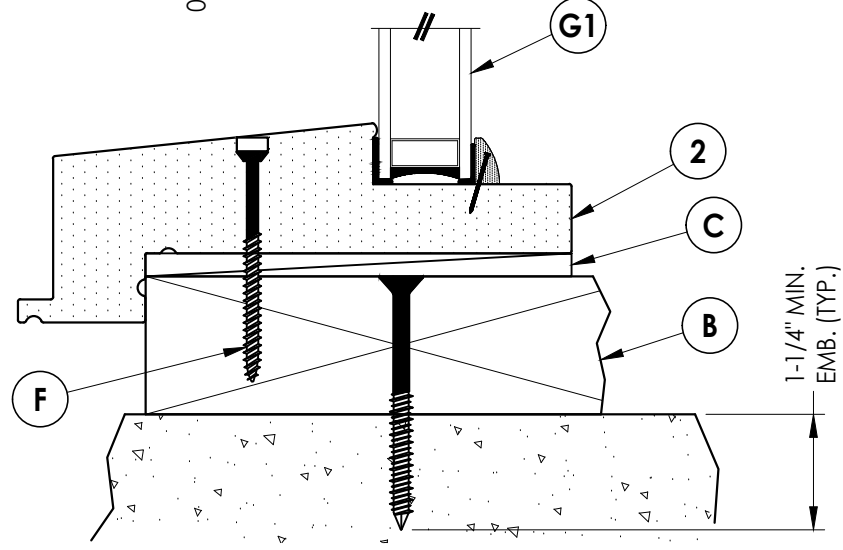
Phone No.: 813.659.9197

FBPE Registry No. 9813

Z:\2023 FBC Drawings\Trinity Glass Int\VL-5016 R7\VL-5016.2.dwg



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



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

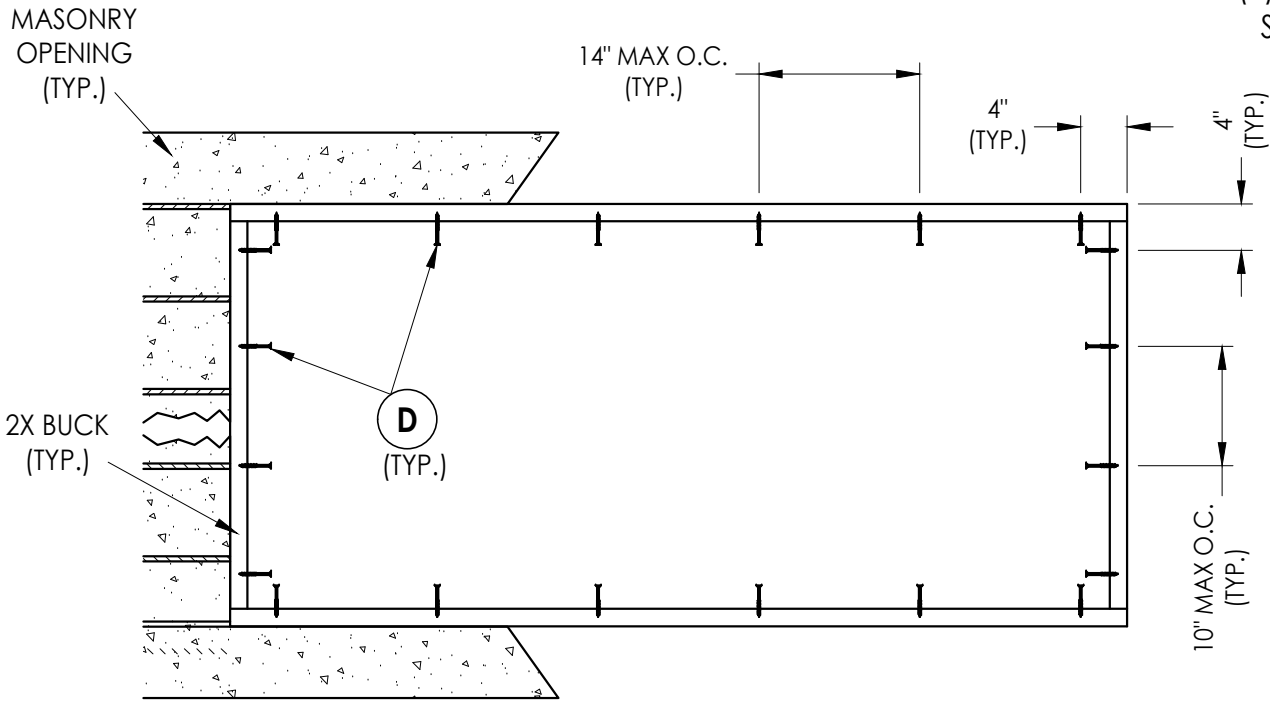
REVISIONS		DATE		BY	
1	7/31/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	BY

DATE: 4/13/23
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-5016.2
SHEET 2 OF 4

PRODUCT: TRINITY
TRANSOM / FIXED LITE
PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

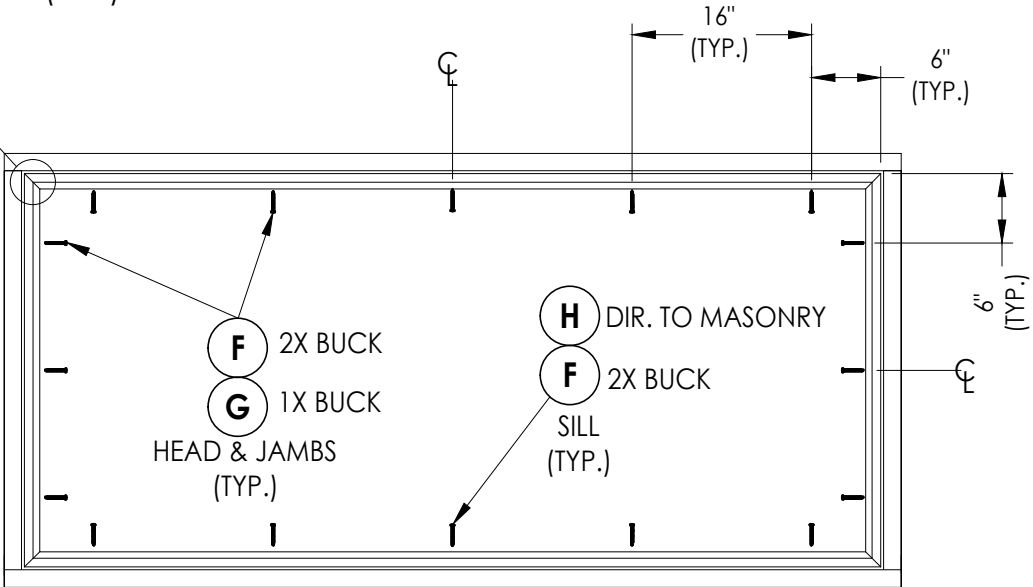
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
R^W BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Trinity Glass Int\FL-5016 R7\FL-5016.2.dwg



BUCK ANCHORING

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



FRAME ANCHORING
Masonry construction

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 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.

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

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

PRODUCT:
TRINITY
TRANSOM / FIXED LITE

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	BY
1	7/31/23	LFS

REVISIONS

DATE: 4/13/23

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-5016.2

SHEET 3 OF 4

