

FIXED TRANSOM

"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.

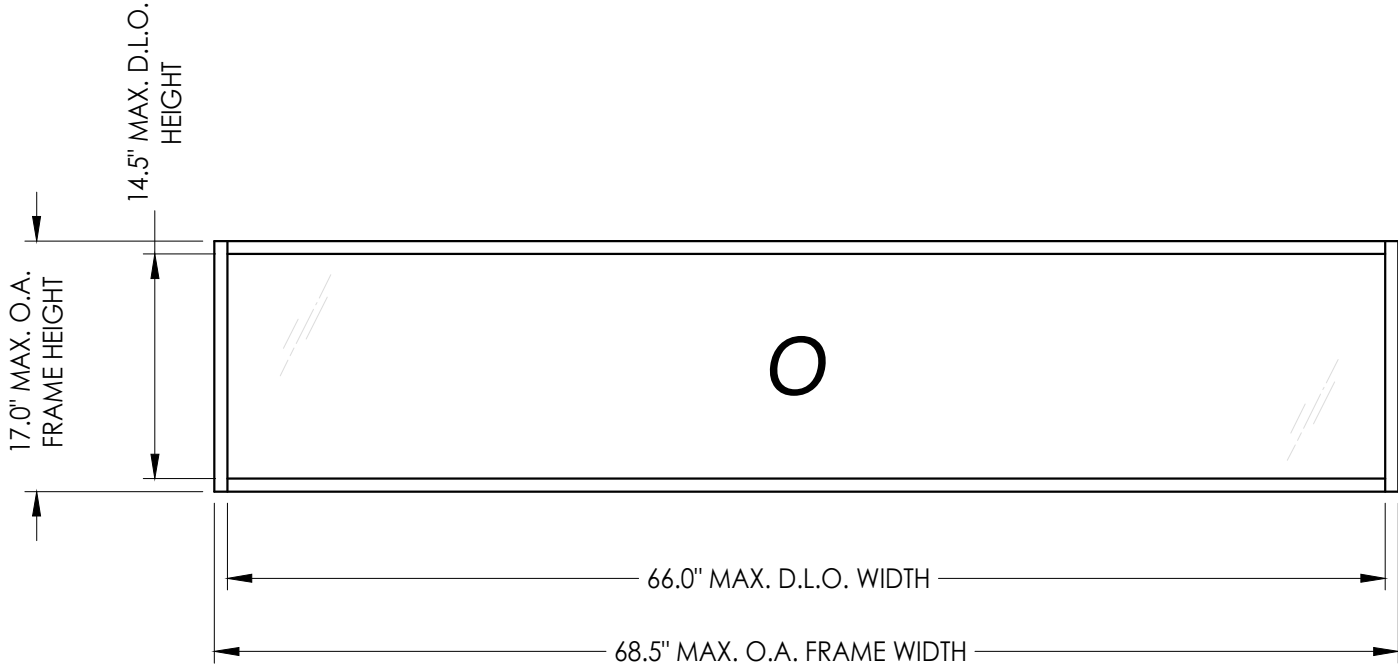
Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3.

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.

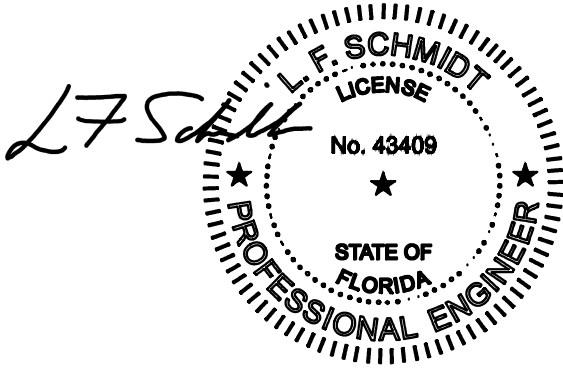
For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5.

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	Cross sections, glazing detail, bill of materials & components
3	Buck and frame anchoring



MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
17.0" x 68.5"	14.5" x 66.0"	+70.0	-70.0



Digitally signed
by Lyndon F
Schmidt
Date: 2023.08.10
15:39:30 -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

PLASTPRO INC.
TRANSOM

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

4

8/10/23

UPDATE TO 8TH ED. (2023)

FBC

LFS

3

07/23/20

UPDATE TO 7TH ED. (2020)

FBC

LFS

2

07/27/17

UPDATE TO 6TH ED. (2017)

FBC

JK

1

04/14/15

UPDATE TO 5TH ED. (2014)

FBC

JK

NO.

DATE

REVISIONS

DATE:

2/15/12

SCALE:

N.T.S.

DWG. BY:

JK

CHK. BY:

LFS

DRAWING NO.:

FL-16224.1

SHEET

1

OF

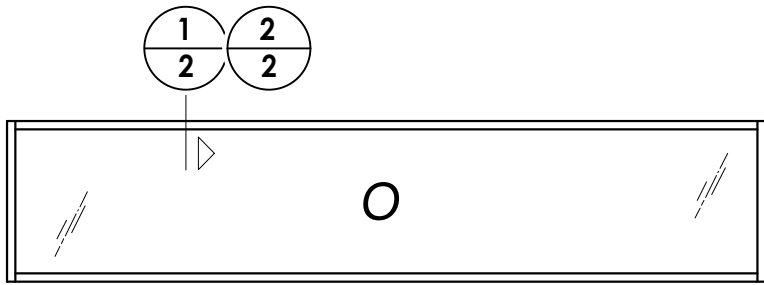
3

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RW

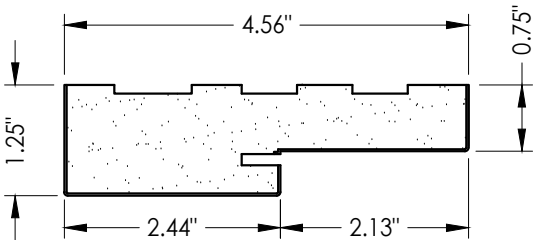
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

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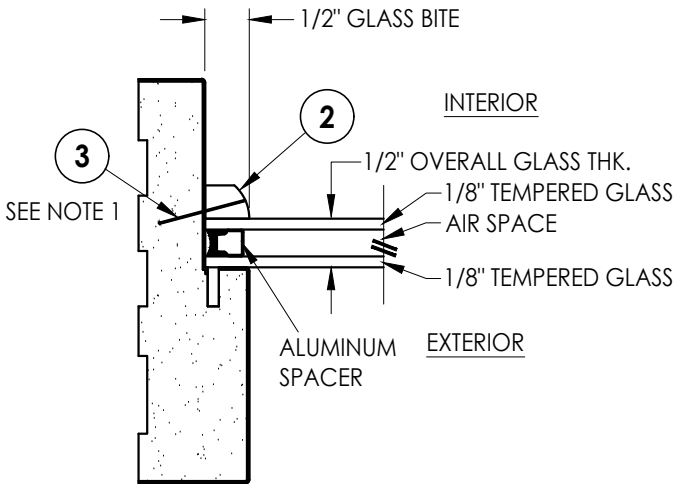


TRANSOM ELEVATION

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" 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
G	1/4" X 3-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW	STEEL
1	POLY FIBER JAMB	COMP.
2	1/2" QUARTER ROUND	PVC
3	1" BRAD NAIL	STEEL

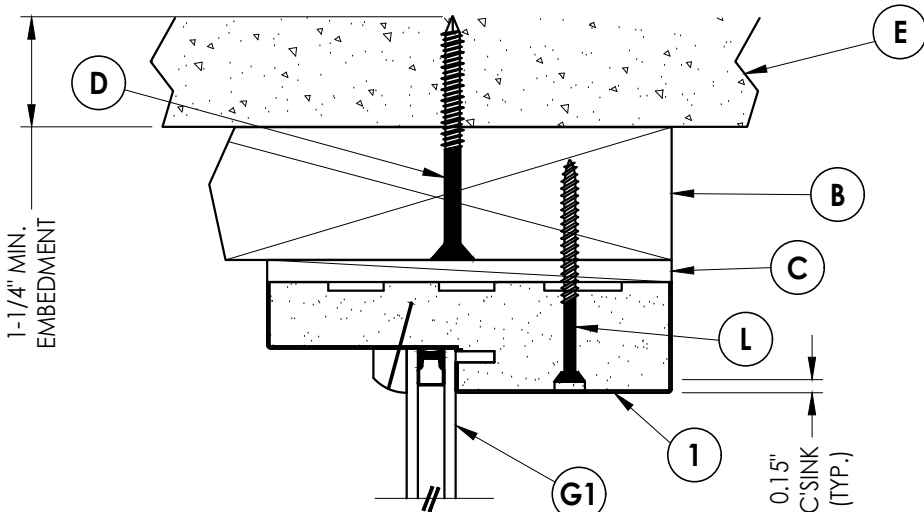


1 POLY FIBER JAMB



G1 GLAZING DETAIL

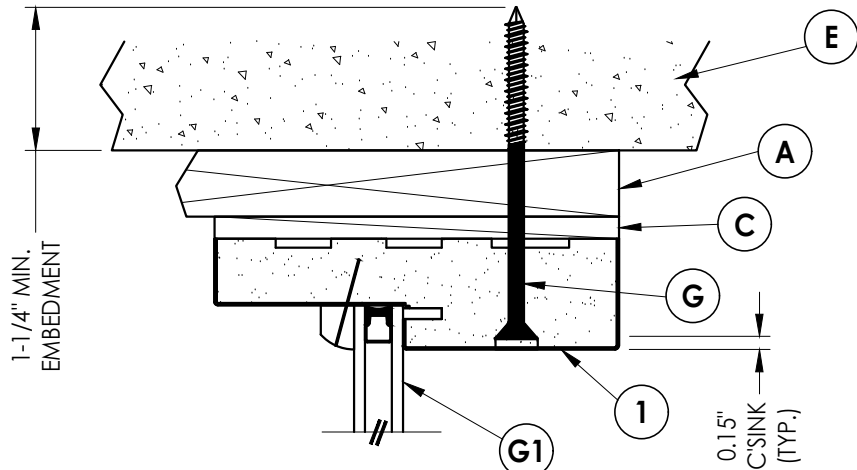
NOTE:
1. Spacing for item #3: 1" from ends and 6" o.c. thereafter.



INTERIOR

EXTERIOR

1/2 VERTICAL CROSS SECTION



INTERIOR

EXTERIOR

2/2 VERTICAL CROSS SECTION
Shown w/ 1X Buck

PRODUCT: PLASTPRO INC. TRANSOM	
PART OR ASSEMBLY:	CROSS SECTIONS, GLAZING DETAIL, B.O.M. & COMPONENTS

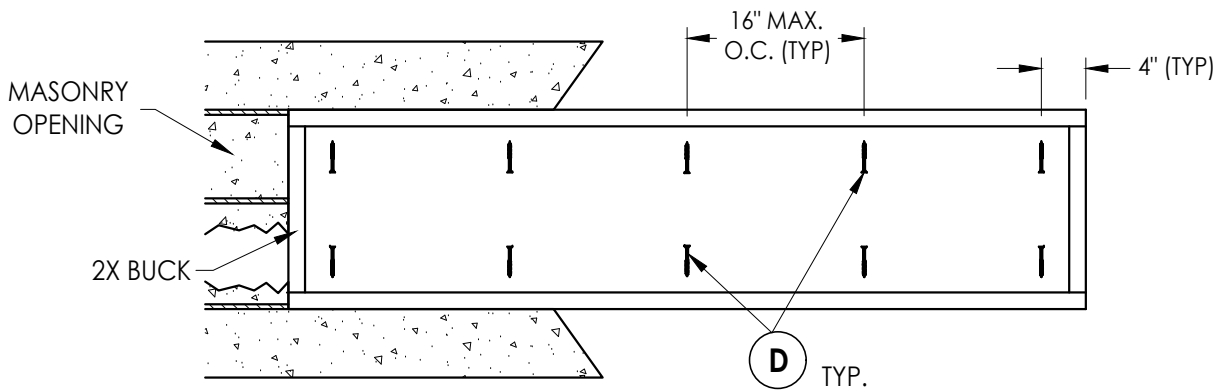
NO.	DATE	BY
4	8/10/23	LFS
3	07/23/20	LFS
2	07/27/17	JK
1	04/14/15	JK

DATE:	2/15/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-16224.1
SHEET	2 OF 3

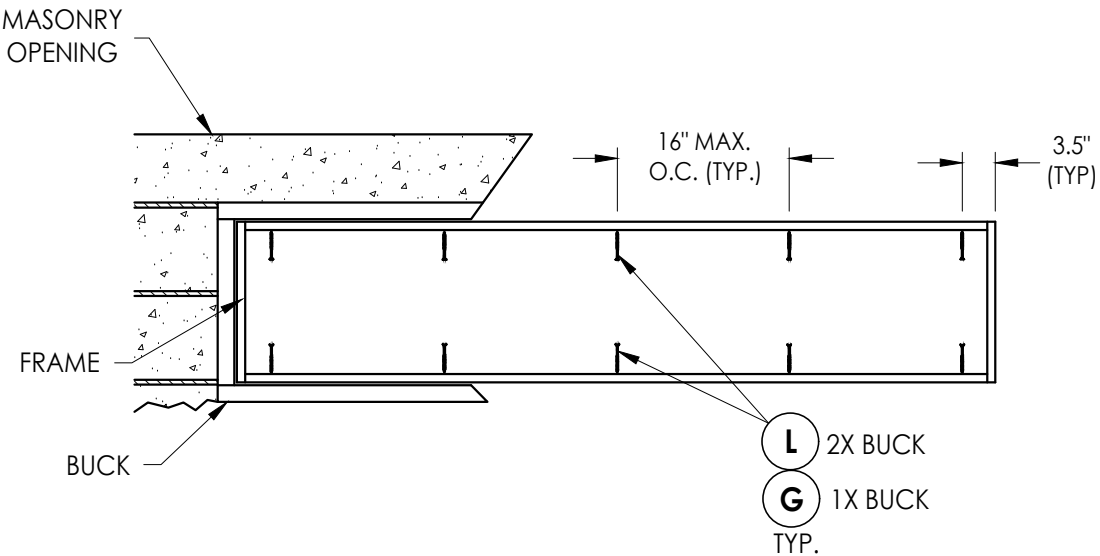
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BUCK ANCHORING



FRAME ANCHORING

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.

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P.E. No. 43409

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P.O. Box 230, Vairico, FL 33595
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PRODUCT:

PLASTPRO INC.
TRANSOM

PART OR ASSEMBLY:

BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
4	8/10/23	UPDATE TO 8TH ED. (2023) FBC
3	07/23/20	UPDATE TO 7TH ED. (2020) FBC
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NO.	DATE	BY

DATE: 2/15/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-16224.1

SHEET 3 OF 3