

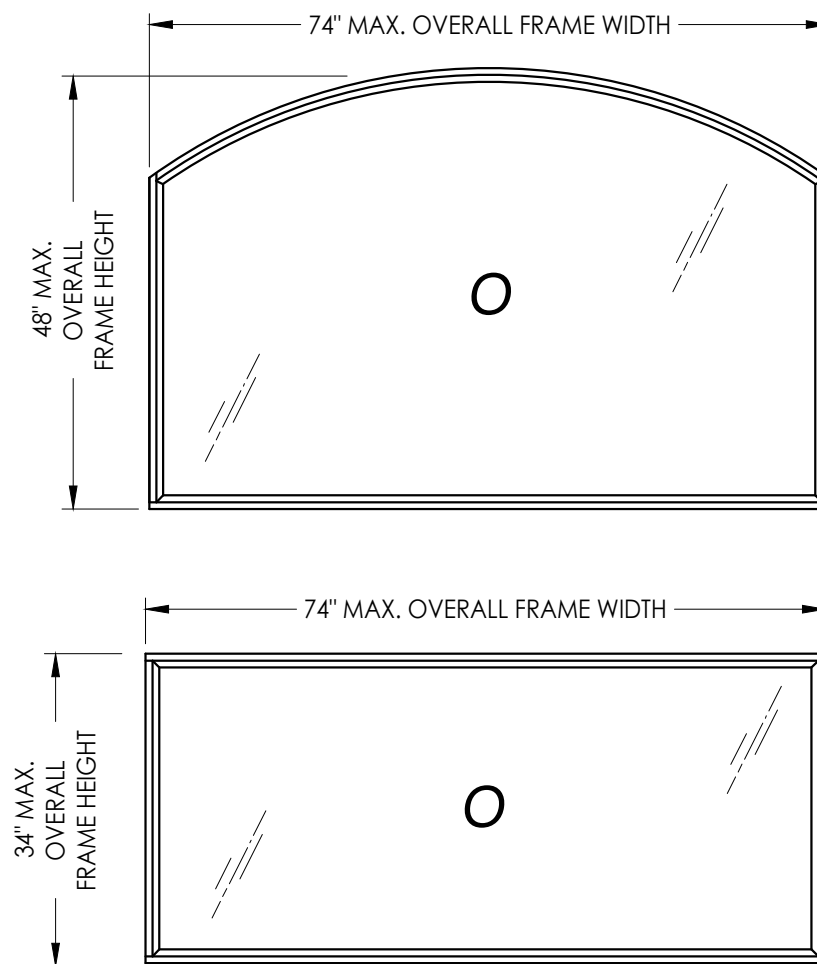


TRANSOM / FIXED LITE
"NON-IMPACT"

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 (Radius)
4	Buck & frame anchoring (Rectangular)
5	Bill of materials, glazing details & components



UNIT TYPE	OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
RADIUS	74" x 48"	71" x 44.87"	G1	+65.0	-65.0
RECTANGULAR	74" x 34"	71" x 30.87"	G2	+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
13:41:04 -04'00'

This item has been digitally signed by
L. F. Schmidt, P.E. on the date
2023.08.01 13:41:04 -04'00'.
Printed copies of this document
are considered signed and sealed.

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: 12/11/08

SCALE: N.T.S.

DWG. BY: *AL*

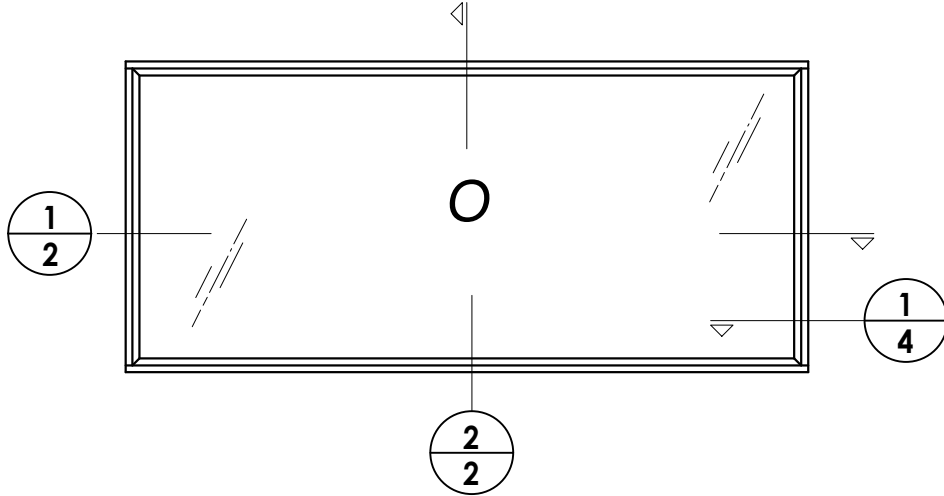
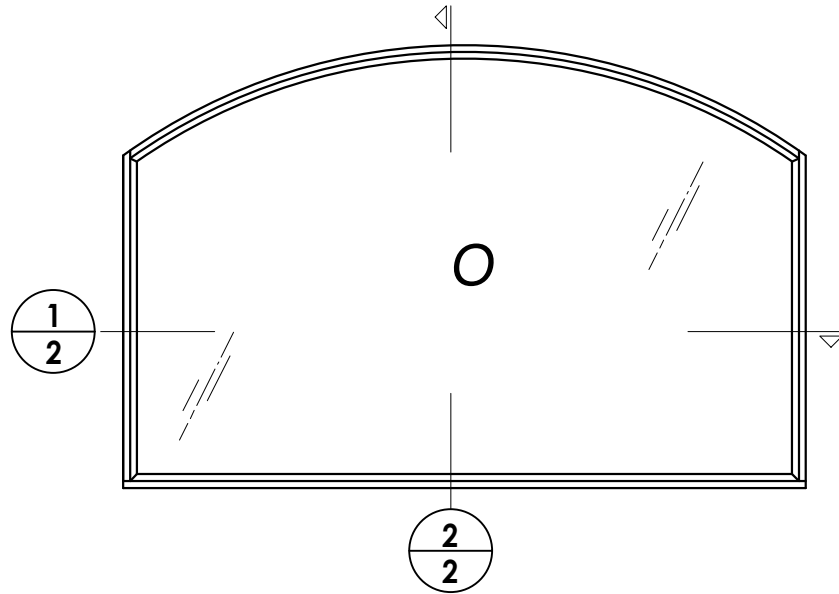
CHK. BY: LFS

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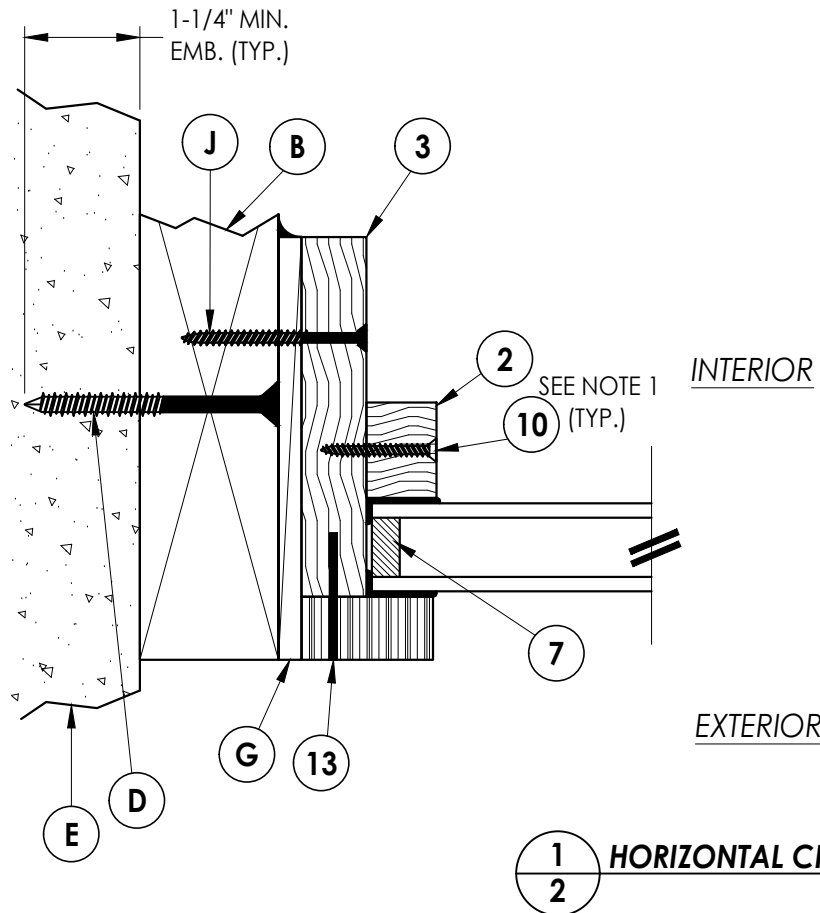
FL-5016.1

SHEET 1 OF 5

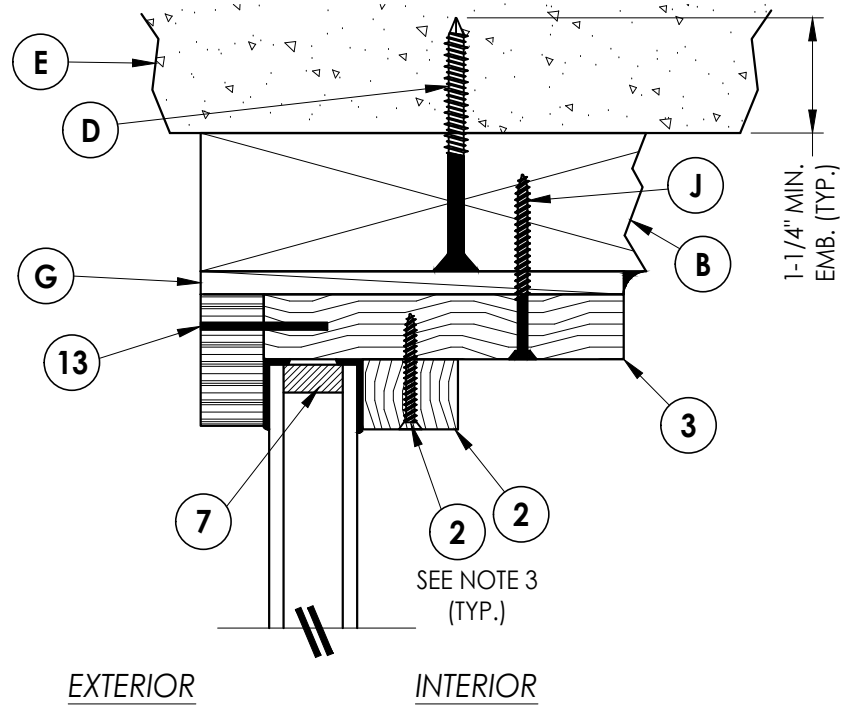
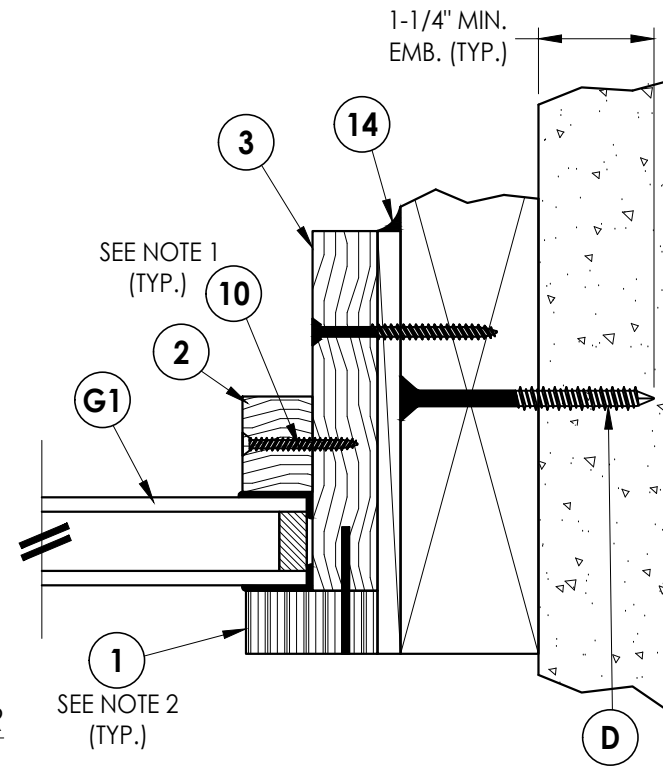
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- NOTES:
1. SCREWS LOCATED 6" FROM EACH END PLUS TWO MORE EQUALLY SPACED.
 2. BRAD NAILS LOCATED 1" FROM EACH END & 6" O.C. THEREAFTER.
 3. SCREWS LOCATED 6" FROM EACH END & 12" O.C. THEREAFTER.



1
2 HORIZONTAL CROSS SECTION



2
2 VERTICAL CROSS SECTION

DATE:	12/11/08
SCALE:	N.T.S.
DWG. BY:	AL
CHK. BY:	LFS
DRAWING NO.:	FL-5016.1
SHEET	2 of 5

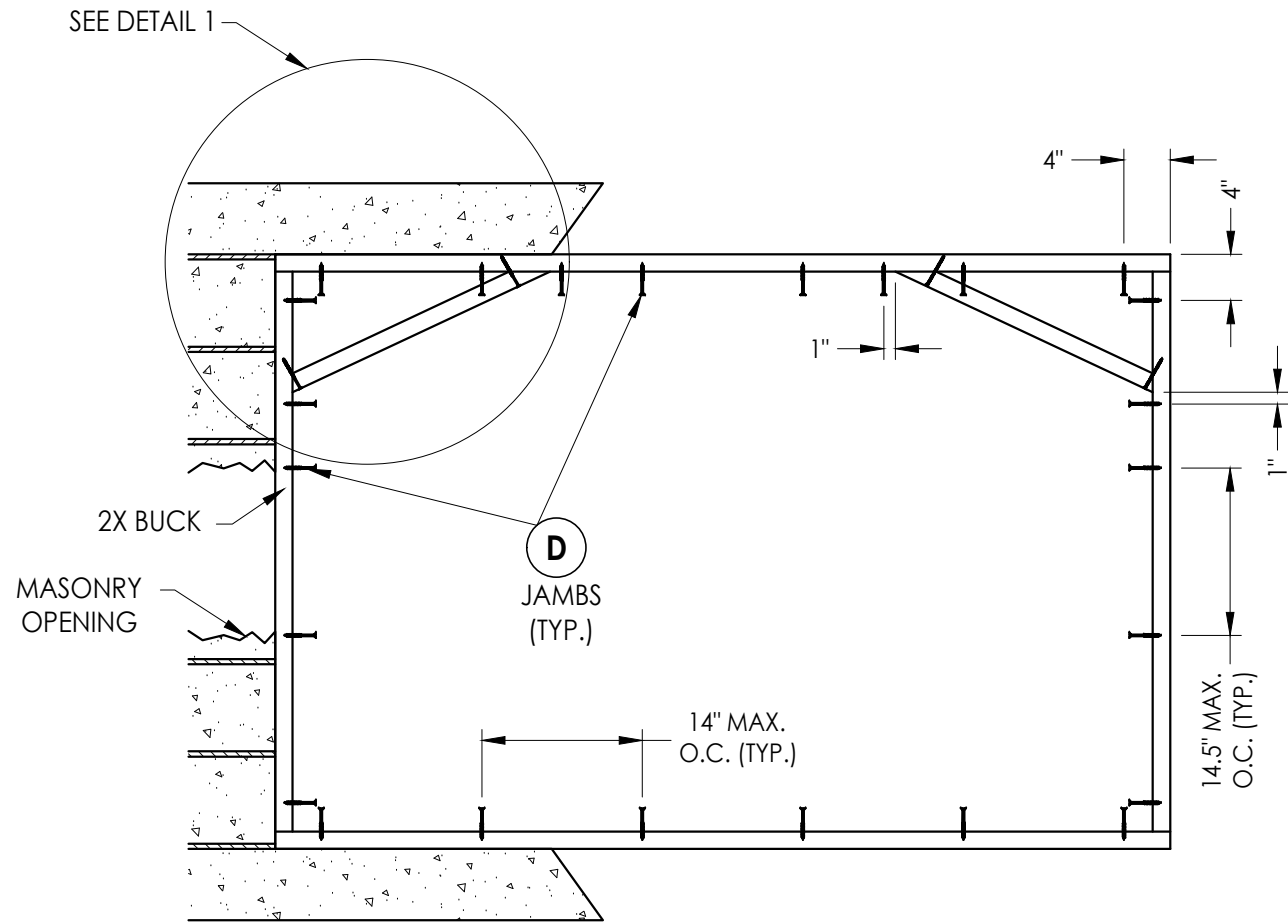
PRODUCT:	TRINITY TRANSOM / FIXED LITE
PART OR ASSEMBLY:	HORIZONTAL AND VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS
4	7/31/23	UPDATE TO 8TH ED. (2023) FBC
3	9/01/20	UPDATE TO 7TH ED. (2020) FBC
2	3/03/15	UPDATE TO 5TH ED. (2014) FBC
1	1/16/12	UPDATE TO 2010 FBC
		BY

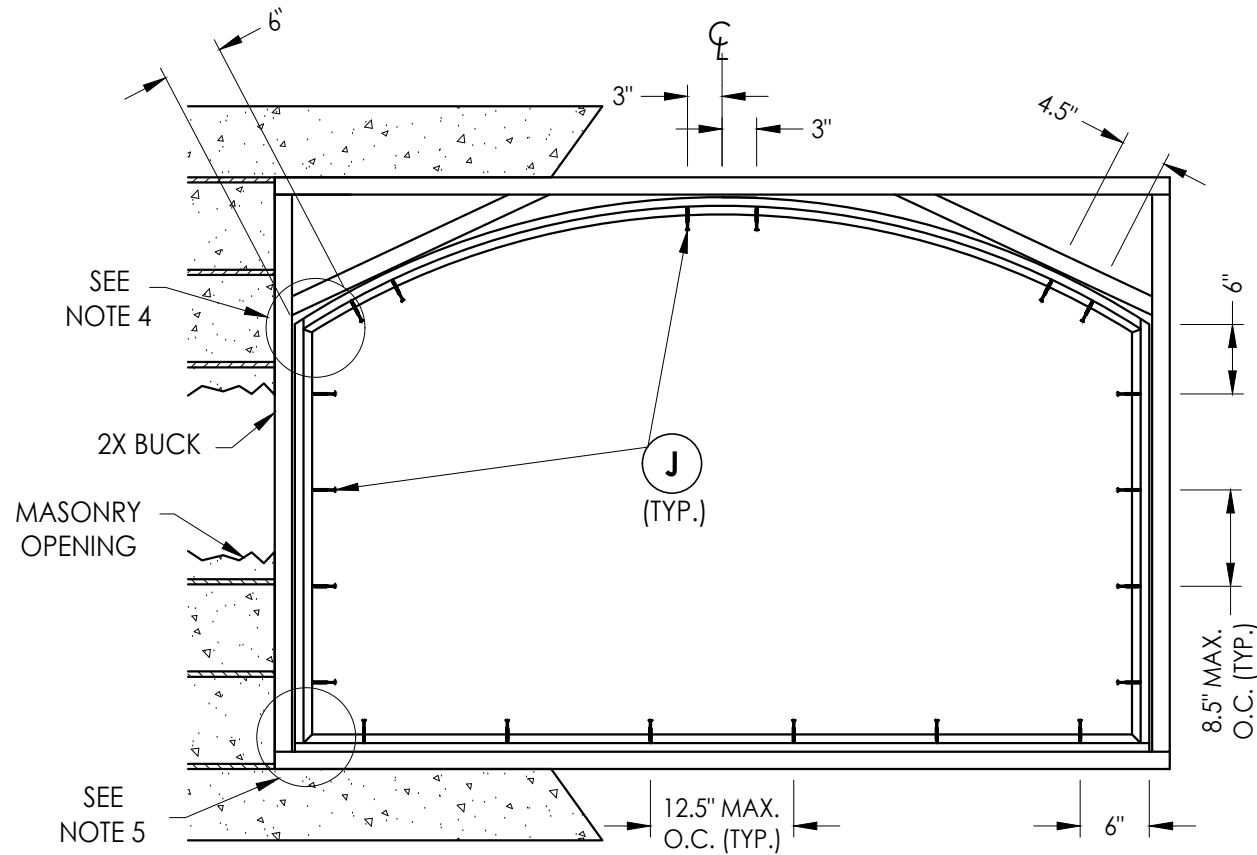
Documents Prepared By:
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BUCK ANCHORING



FRAME ANCHORING
Masonry 2X buck construction

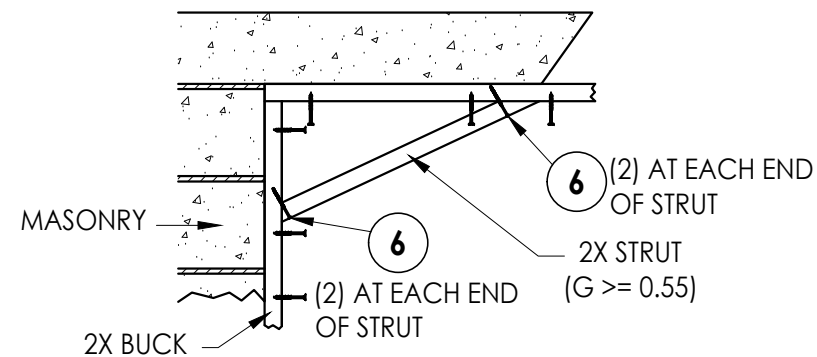
CONCRETE ANCHOR NOTES:

- 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.



DETAIL 1
Corner framing

Documents Prepared By:
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PRODUCT:
TRINITY
TRANSOM / FIXED LITE

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING
(RADIUS)

NO.	DATE	REVISIONS
4	7/31/23	UPDATE TO 8TH ED. (2023) FBC
3	9/01/20	UPDATE TO 7TH ED. (2020) FBC
2	3/03/15	UPDATE TO 5TH ED. (2014) FBC
1	1/16/12	UPDATE TO 2010 FBC

DATE: 12/11/08

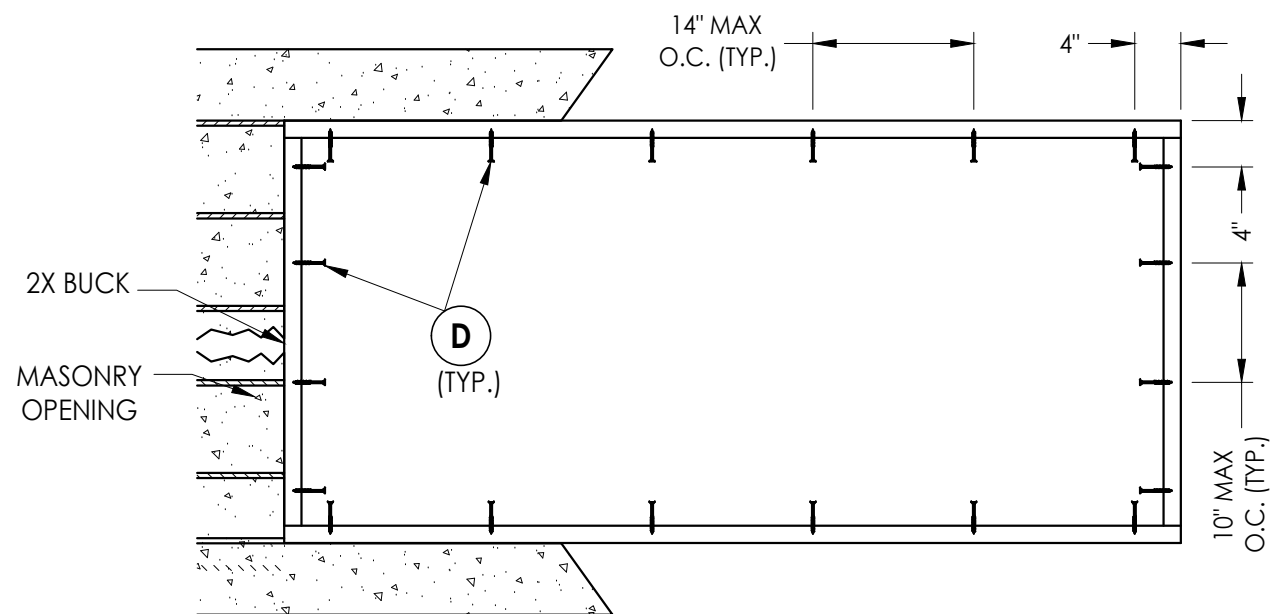
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DWG. BY: AL

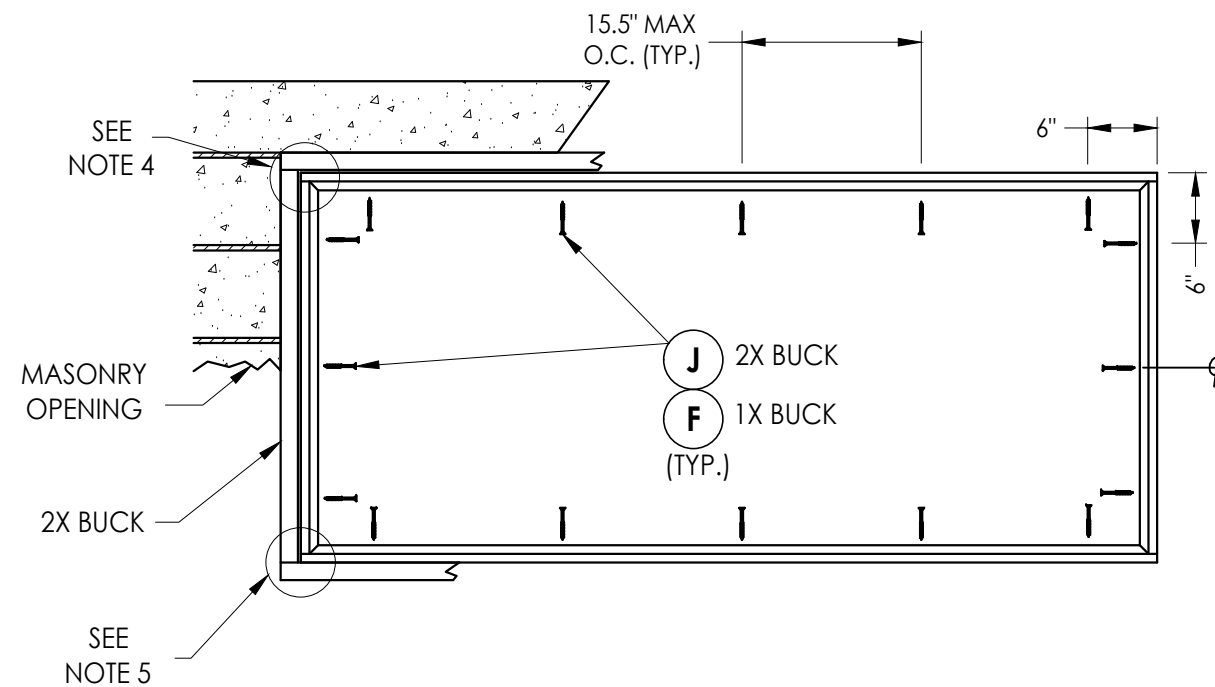
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DRAWING NO.: FL-5016.1

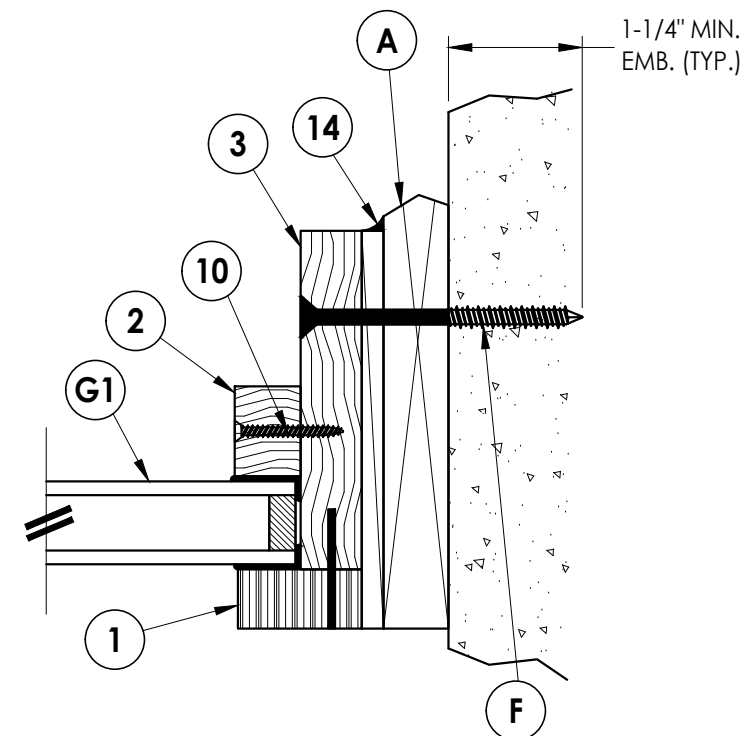
SHEET 3 OF 5



BUCK ANCHORING



FRAME ANCHORING
Masonry 2X buck construction



1 **HORIZONTAL CROSS SECTION**
4 Shown w/ 1X sub-buck

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:

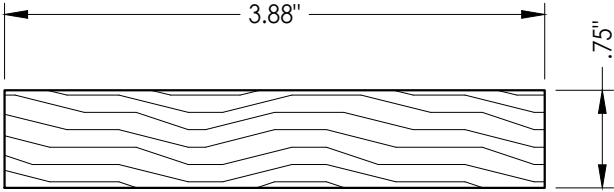
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

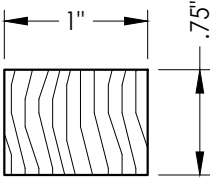
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

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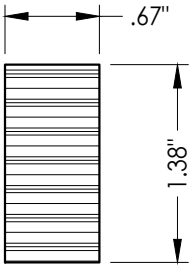
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.55)	WOOD
B	2X BUCK (G >= 0.55)	WOOD
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
G	MAX. 1/4" SHIM SPACE	-
J	#8 X 2" PFH WOOD SCREW	STEEL
1	EXTERIOR GLASS STOP	PVC
2	INTERIOR GLASS STOP (POPLAR: G = 0.39 OR BETTER)	WOOD
3	FRAME (POPLAR: G = 0.39 OR BETTER)	WOOD
6	#8 X 3" PFH WOOD SCREW	STEEL
7	GLAZING SPACER .250" THICK SWIGGLE (TRUSEAL)	-
10	#8 X 1-1/4" PFH WOOD SCREW	STEEL
12	GLAZING COMPOUND	SILICONE
13	1/8" X 1-3/8" 18 GA. STAPLE	STEEL
14	LATEX CAULK	-



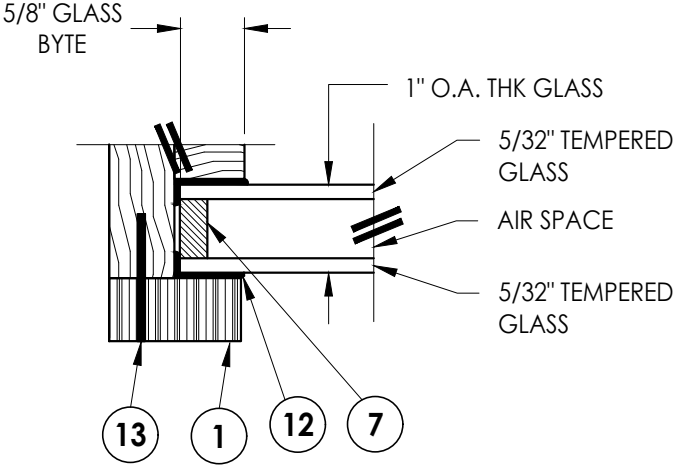
3 FRAME



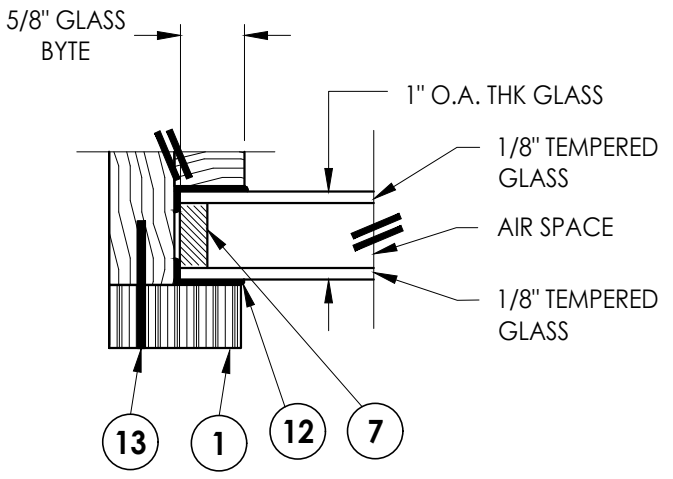
2 INTERIOR GLASS STOP



1 EXTERIOR GLASS STOP



G1 GLAZING DETAIL



G2 GLAZING DETAIL

PRODUCT:					
TRINITY TRANSON / FIXED LITE					
PART OR ASSEMBLY:					
BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS					
NO.	DATE	REVISIONS			
4	7/31/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	9/01/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
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1	1/16/12	UPDATE TO 2010 FBC		LFS	
NO.	DATE			BY	

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DATE: 12/11/08
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.:
 FL-5016.1
 SHEET 5 OF 5