



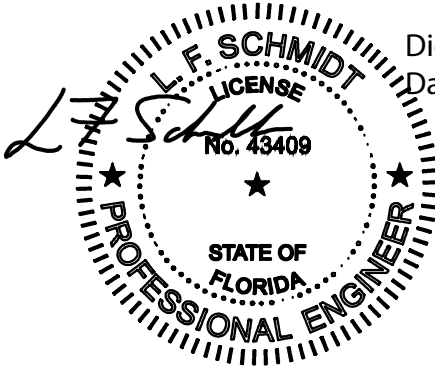
3501 CR 6 EAST
ELKHART, IN 46514

MODEL 9700
PVC FIXED WINDOW
w/ NAILING FIN
"NON-IMPACT"

GENERAL NOTES

- 1. This product anchoring drawing has been developed in compliance with the 8th Edition (2023) Florida Building Code (FBC) excluding the "High Velocity Hurricane Zone". See the Certification Agency Certificate for sizes, specifications and ratings.
- 2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing, stucco, foam, brick and other wall coverings.
- 3. Wood screws shall be installed following installation instructions of ANSI/AWC NDS 2018. All other fastener types to be installed following fastener manufacturer's installation instructions.
- 4. Fastener embedment depths, edge distances and center-center distances shall be as specified by the fastener manufacturer but in no instance shall they be less than shown in this drawing.
- 5. Where shims are used, they must be a "rigid / stiff" material that complies with the requirements of the FBC.
- 6. Positive and negative design pressure requirements for use with this drawing shall be determined by others for specific jobs in accordance with the governing code.
- 7. Site conditions not covered by this drawing are subject to further engineering analysis.

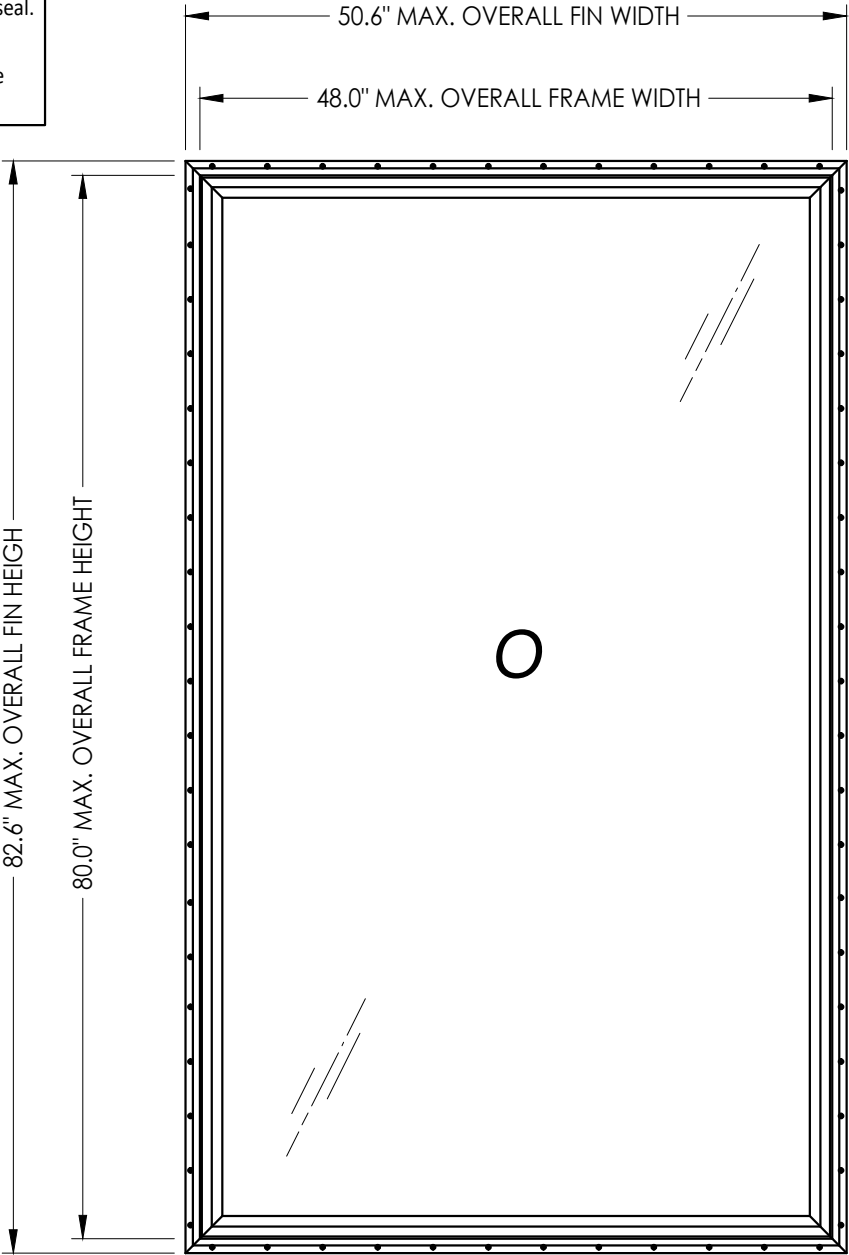
TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Horizontal & vertical cross sections & bill of materials
3	Horizontal & vertical cross sections
4	Buck & frame anchoring and glazing detail



Digitally signed by Lyndon F Schmidt
Date: 2023.10.04 08:14:46 -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



Vertical Orientation shown (Horizontal Orientation also approved)

MAX. O.A. FIN DIMENSION	MAX. O.A. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
50.6" X 82.6"	48.0" X 80.0"	+50.0	-50.0
82.6" X 50.6"	80.0" X 48.0"	+50.0	-50.0

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

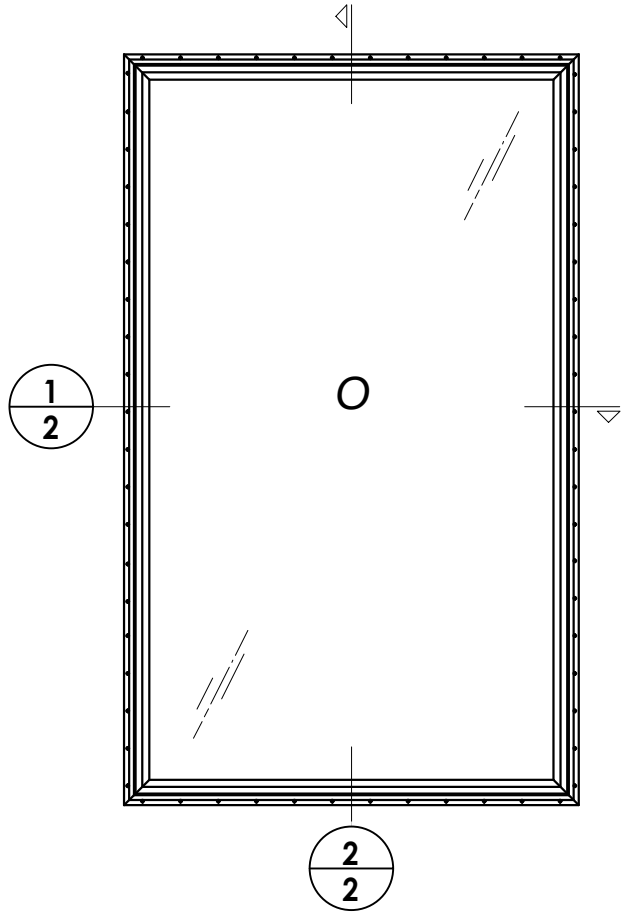
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

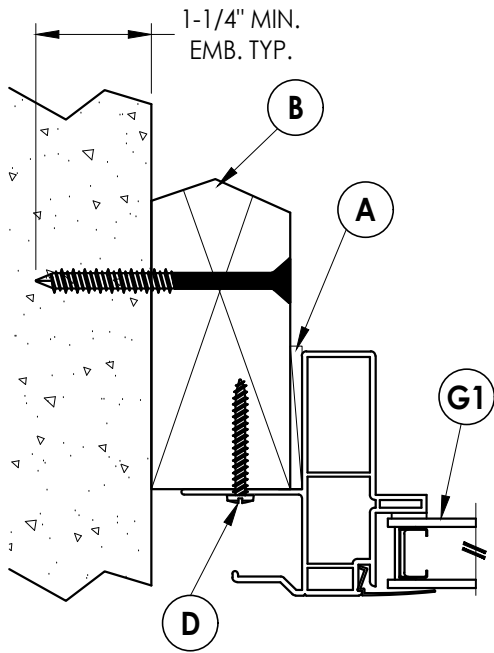
NO.	DATE	REVISIONS			
		LFS	DAC	LFS	JK
6	9/18/23	UPDATE TO 8TH ED. (2023)	FBC		
5	8/12/20	UPDATE TO 7TH ED. (2020)	FBC		
4	10/13/17	UPDATE TO 6TH ED. (2017)	FBC		
3	2/23/15	UPDATE TO 5TH ED. (2014)	FBC		
2	9/18/12	REVISED PER NEW TEST REPORT			
1	02/10/12	UPDATE TO 2010 FBC			

DATE: 3/22/10
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-995.3
SHEET 1 OF 4

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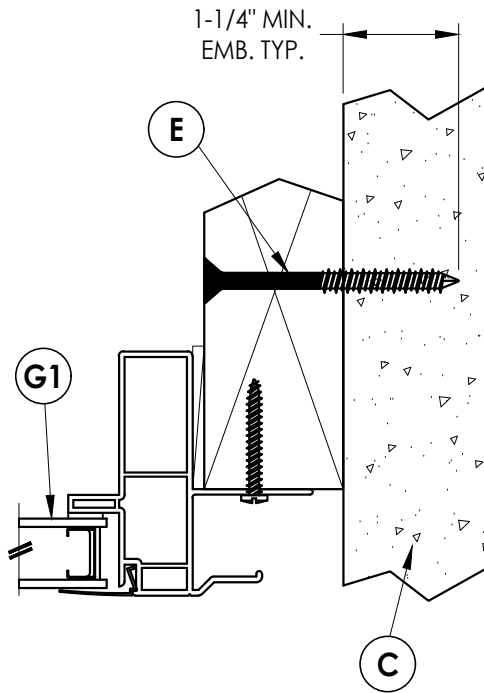
BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	1/4" MAX. SHIM SPACE	-
B	2X BUCK (SG >= 0.42)	WOOD
C	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
D	#8 X 1-1/4" PPH SMS (1-1/8" MIN. EMBEDMENT)	STEEL
E	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
F	#8 X 1-3/4" PPH SMS (1-1/8" MIN. EMBEDMENT)	STEEL
G	2X FRAMING (SG >= 0.42)	WOOD



INTERIOR

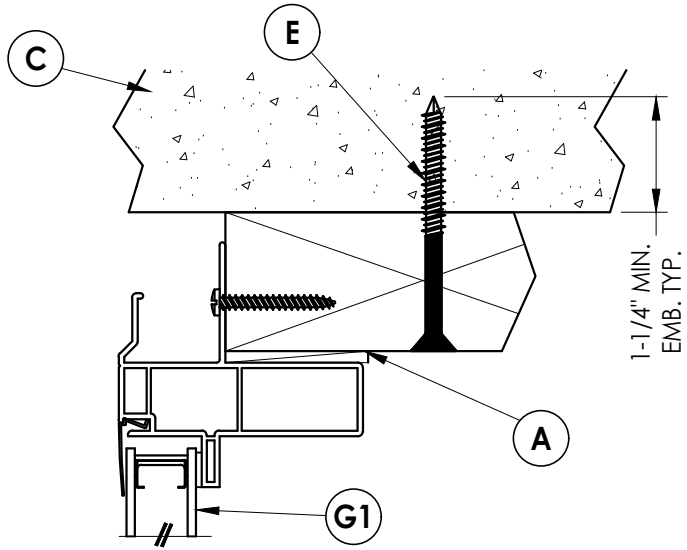
EXTERIOR

1
2
HORIZONTAL CROSS SECTION



EXTERIOR

INTERIOR



2
2
VERTICAL CROSS SECTION

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

PRODUCT:
FIXED WINDOW

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL CROSS
SECTIONS & BILL OF MATERIALS

NO.	DATE	REVISIONS					
		DATE	BY	JK	JK	JK	JK
6	9/18/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
5	8/12/20	UPDATE TO 7TH ED. (2020)	FBC	DAC			
4	10/13/17	UPDATE TO 6TH ED. (2017)	FBC	LFS			
3	2/23/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
2	9/18/12	REVISED PER NEW TEST REPORT					
1	02/10/12	UPDATE TO 2010 FBC					

DATE: 3/22/10

SCALE: N.T.S.

DWG. BY: JK

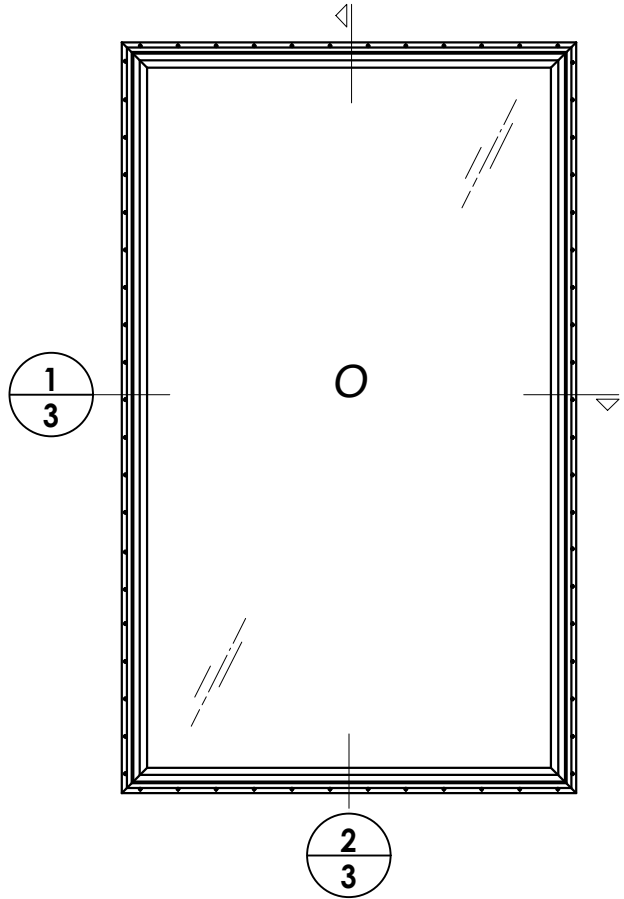
CHK. BY: LFS

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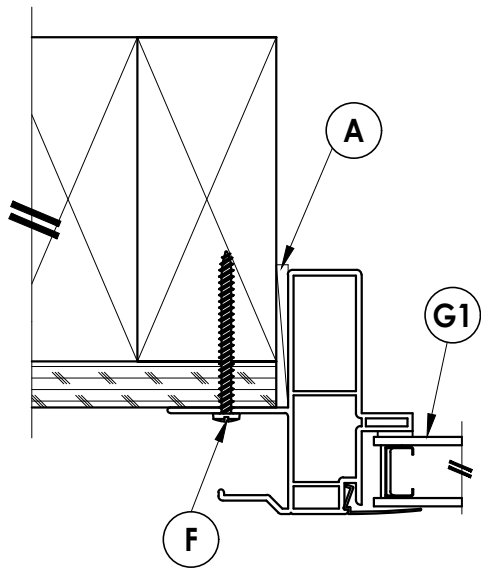
FL-995.3

SHEET 2 OF 4

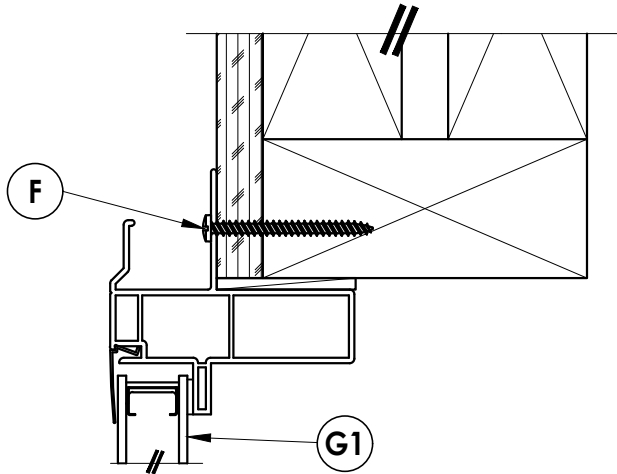
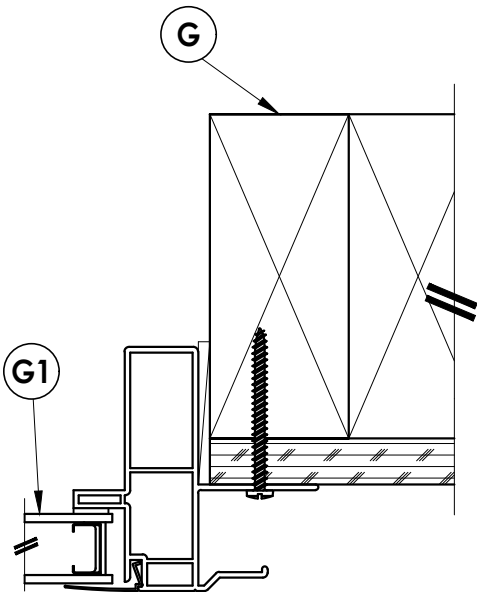
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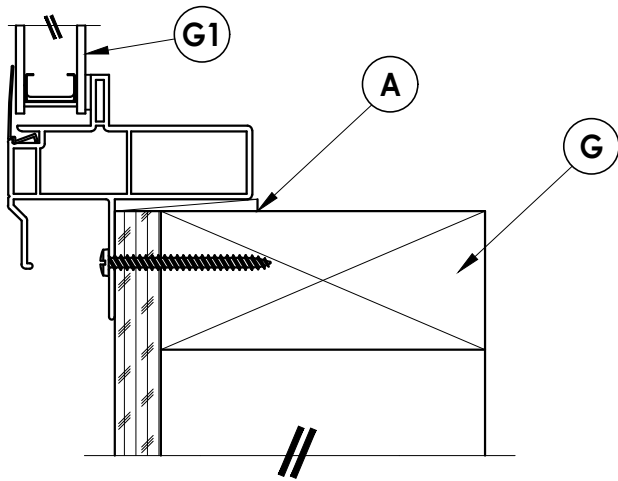
1
3 HORIZONTAL CROSS SECTION



INTERIOR
EXTERIOR



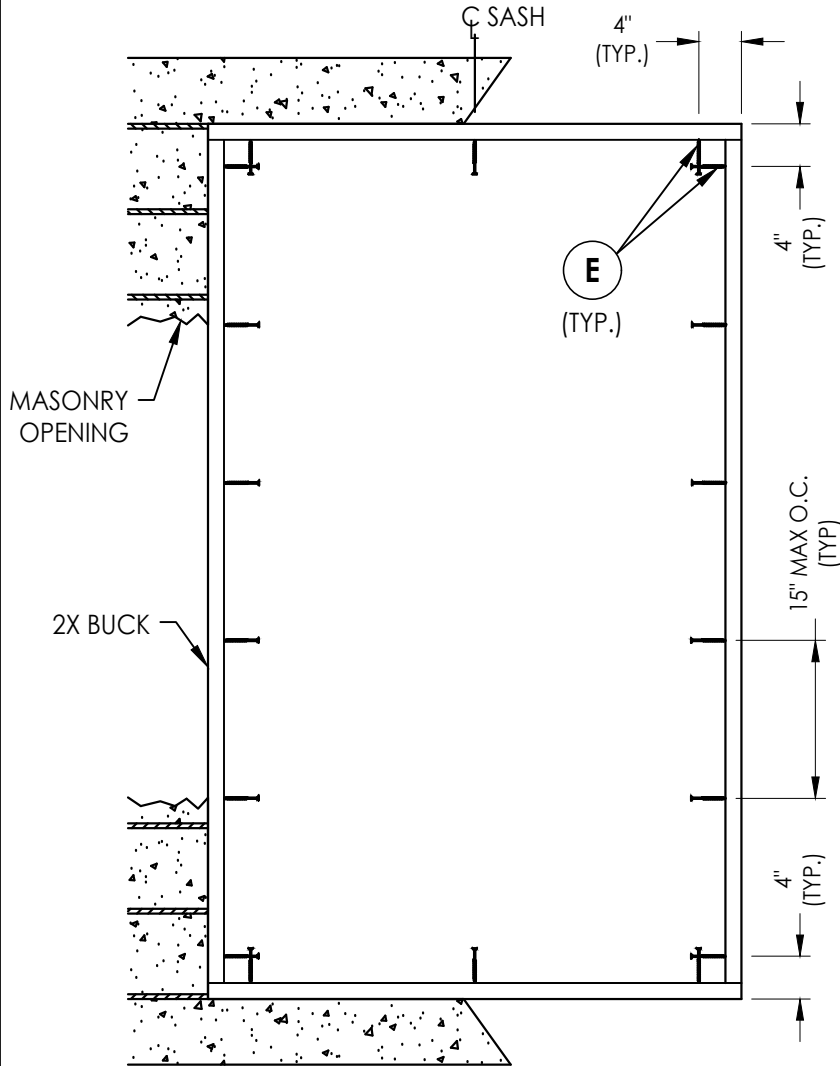
EXTERIOR
INTERIOR



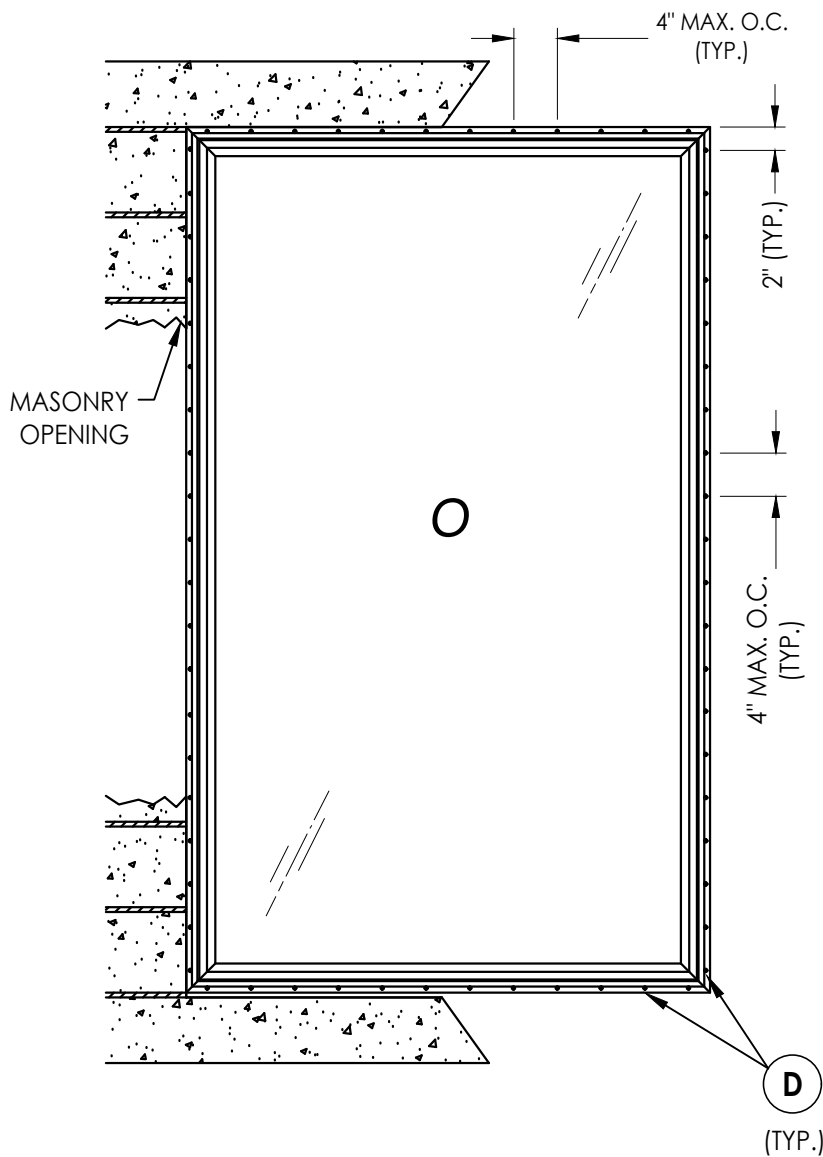
2
3 VERTICAL CROSS SECTION

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		
PRODUCT: FIXED WINDOW		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS		
6	9/18/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	8/12/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
4	10/13/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
3	2/23/15	UPDATE TO 5TH ED. (2014)	FBC	JK
2	9/18/12	REVISED PER NEW TEST REPORT	JK	JK
1	02/10/12	UPDATE TO 2010 FBC	JK	JK
NO.	DATE	REVISIONS		
DATE: 3/22/10				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-995.3				
SHEET 3 OF 4				

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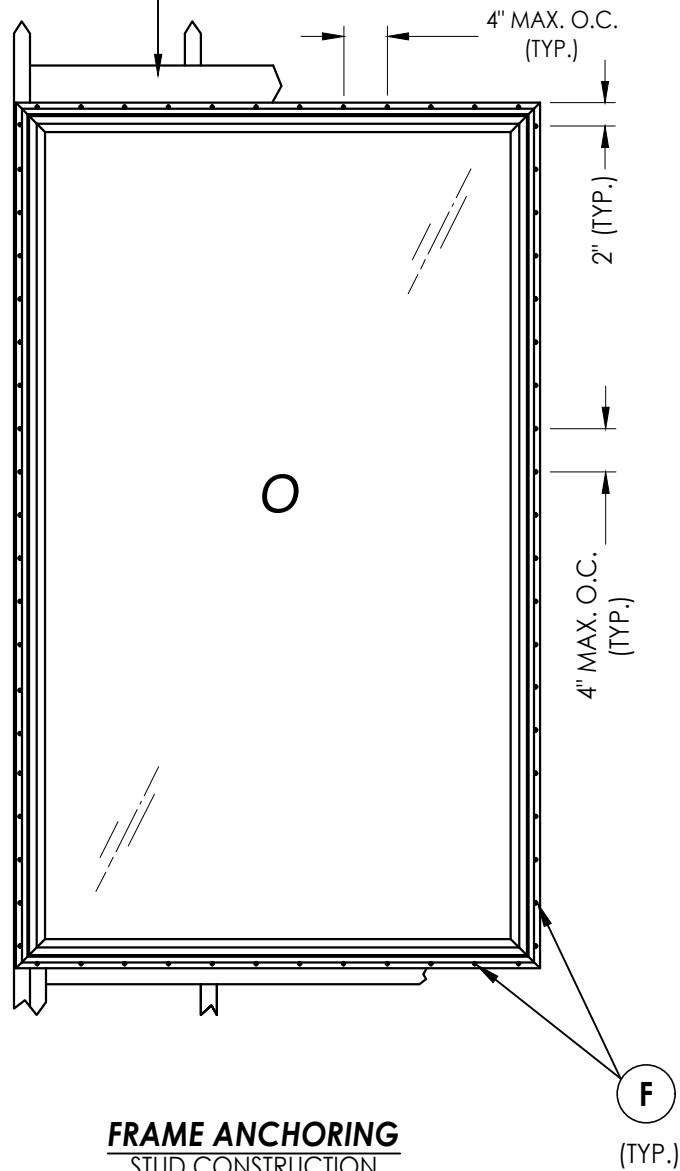


BUCK ANCHORING



FRAME ANCHORING
MASONRY CONSTRUCTION

2X FRAMING TO BE
DESIGNED BY THE ENGINEER
OR ARCHITECT OF RECORD



FRAME ANCHORING
STUD CONSTRUCTION

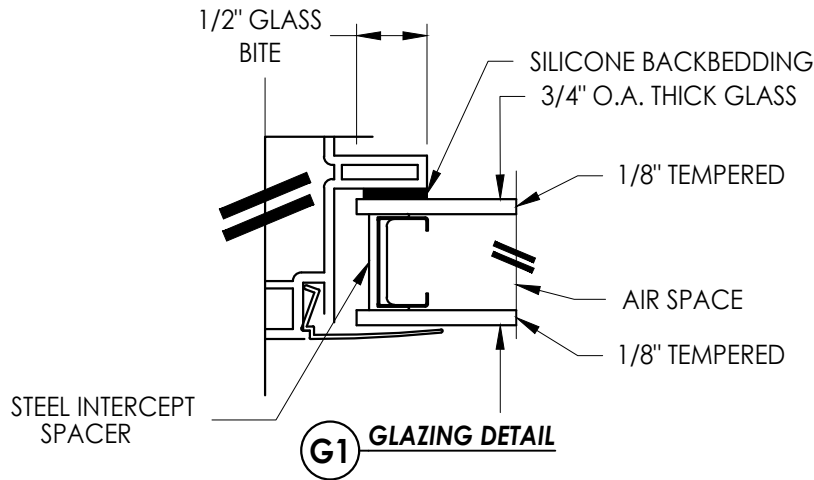
CONCRETE ANCHOR NOTES:

- 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.



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FBPE Registry No. 9813

PRODUCT:
FIXED WINDOW

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING
AND GLAZING DETAIL

NO.	DATE	REVISIONS
6	9/18/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	8/12/20	UPDATE TO 7TH ED. (2020) FBC DAC
4	10/13/17	UPDATE TO 6TH ED. (2017) FBC LFS
3	2/23/15	UPDATE TO 5TH ED. (2014) FBC JK
2	9/18/12	REVISED PER NEW TEST REPORT JK
1	02/10/12	UPDATE TO 2010 FBC JK
NO.	DATE	BY

DATE: 3/22/10

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-995.3

SHEET 4 OF 4