



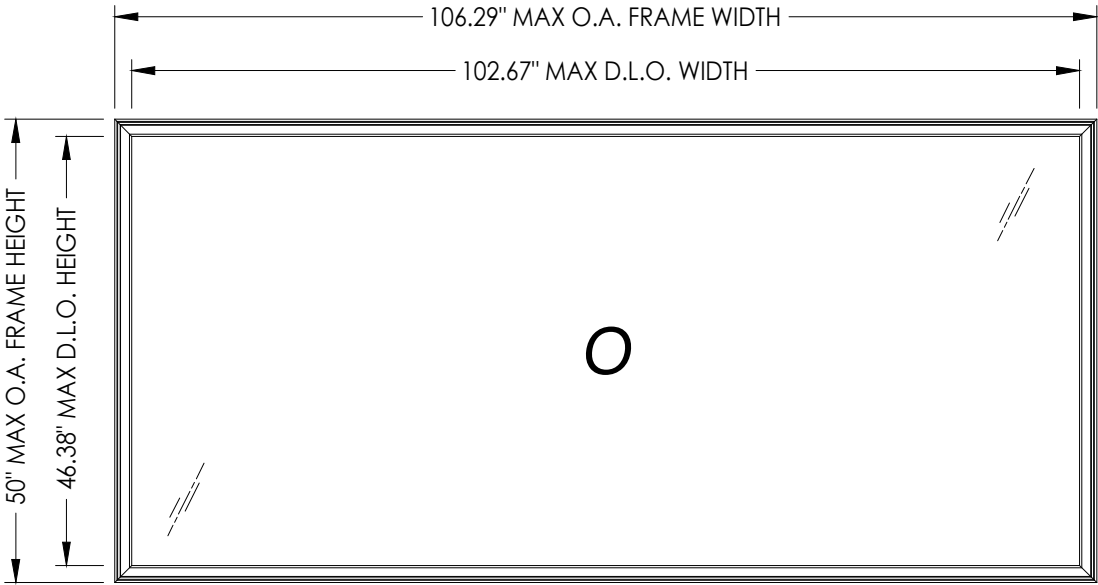
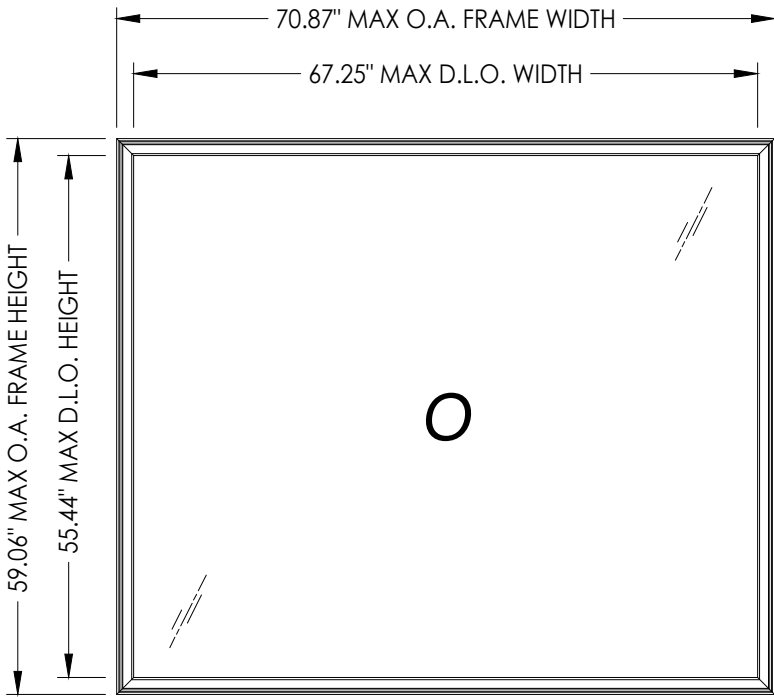
250 Staunton Turnpike, Parkersburg, WV 26104

5400/5400S/7700/9900 Series
Vinyl Fixed Window
(Transom)
"NON-IMPACT"

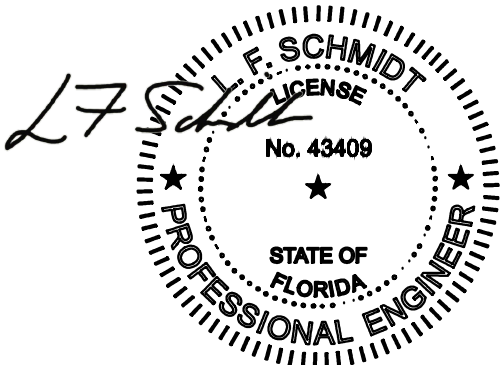
GENERAL NOTES

- 1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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 elevations, design pressures and general notes
2	Horizontal cross sections
3	Buck anchoring
4	Frame anchoring
5	Bill of materials, components and glazing details



MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
106.29" X 50.0"	102.67" X 46.38"	G1, G3	+75.0	-75.0
70.87" X 59.06"	67.25" X 55.44"	G2, G4	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.27 08:47:52 -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

5400/5400S/7700/9900 SERIES
FIXED WINDOW

PRODUCT:

DATE: 8/18/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15816.9

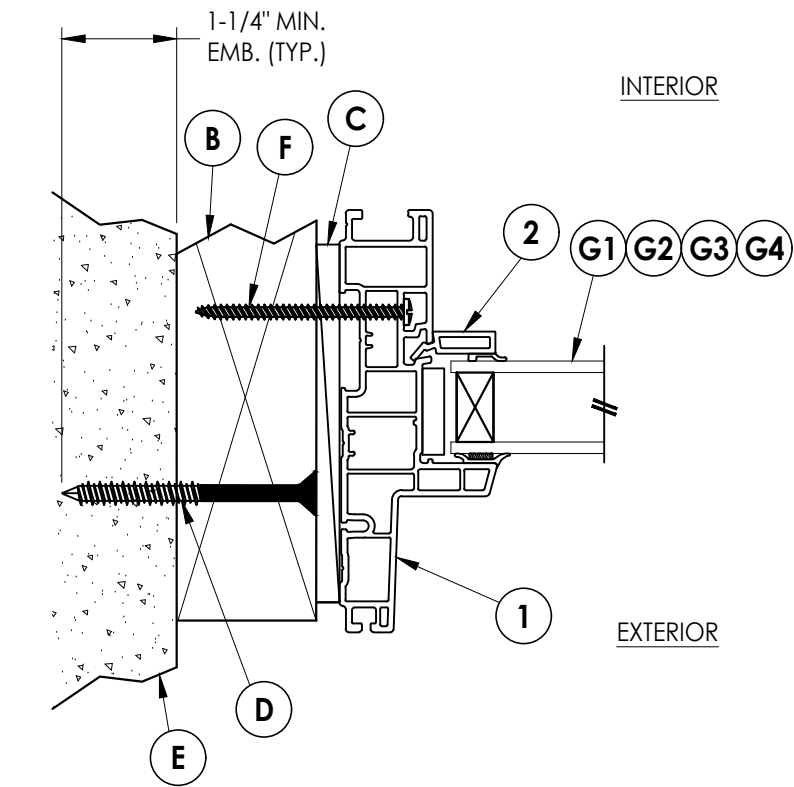
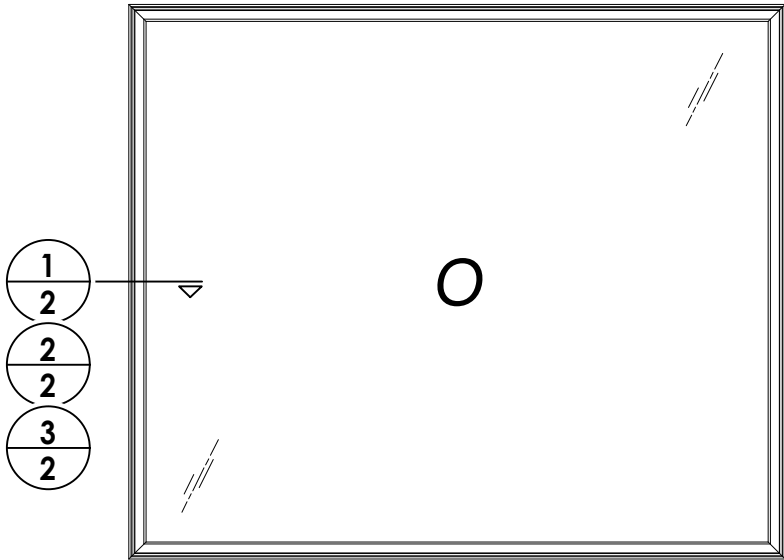
SHEET 1 OF 5

Building Consultants, Inc.
P.O. Box 230, Vairico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

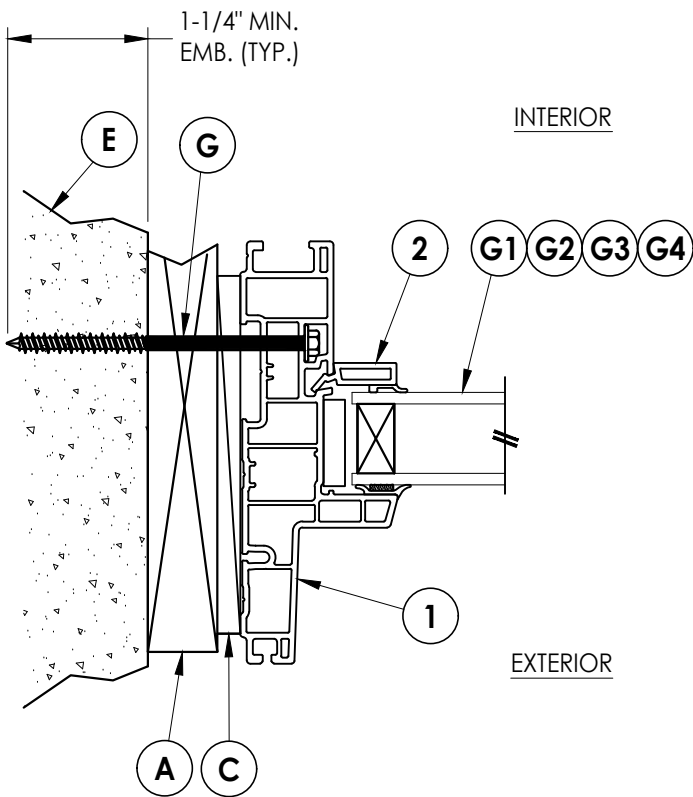
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

REVISIONS

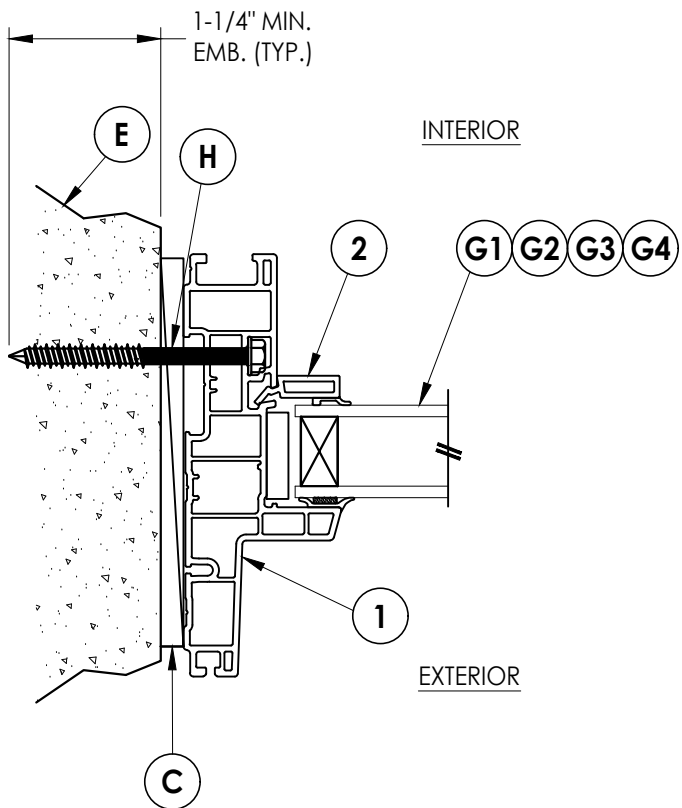
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1 HORIZONTAL CROSS SECTION
2 Shown w/ 2X buck



2 HORIZONTAL CROSS SECTION
2 Shown w/ 1X buck



3 HORIZONTAL CROSS SECTION
2 Shown direct to masonry

NO.	DATE	REVISIONS			
		DATE	BY	DESCRIPTION	
5	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	7/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
2	6/01/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	

DATE: 8/18/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15816.9

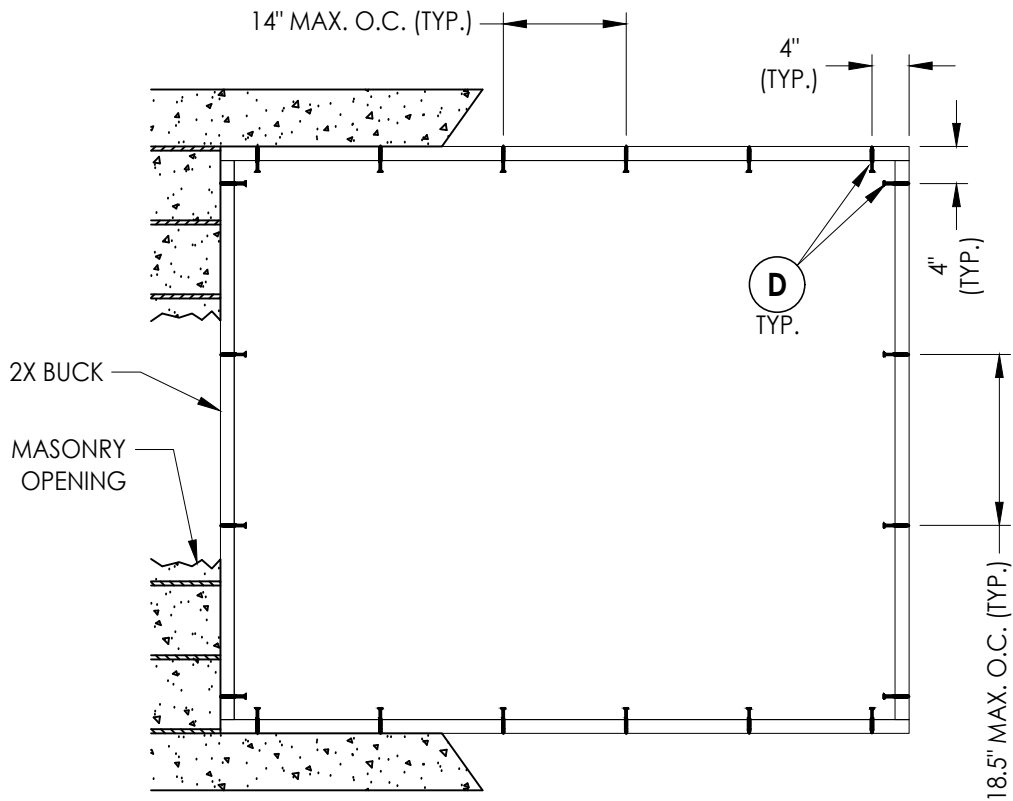
SHEET 2 OF 5

PRODUCT:	5400/5400S/7700/9900 SERIES
	FIXED WINDOW
PART OR ASSEMBLY:	HORIZONTAL
	CROSS SECTIONS

Documents Prepared By:
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P.E. No. 43409

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

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BUCK ANCHORING
71" X 60" MAX
DP <= 50 PSF

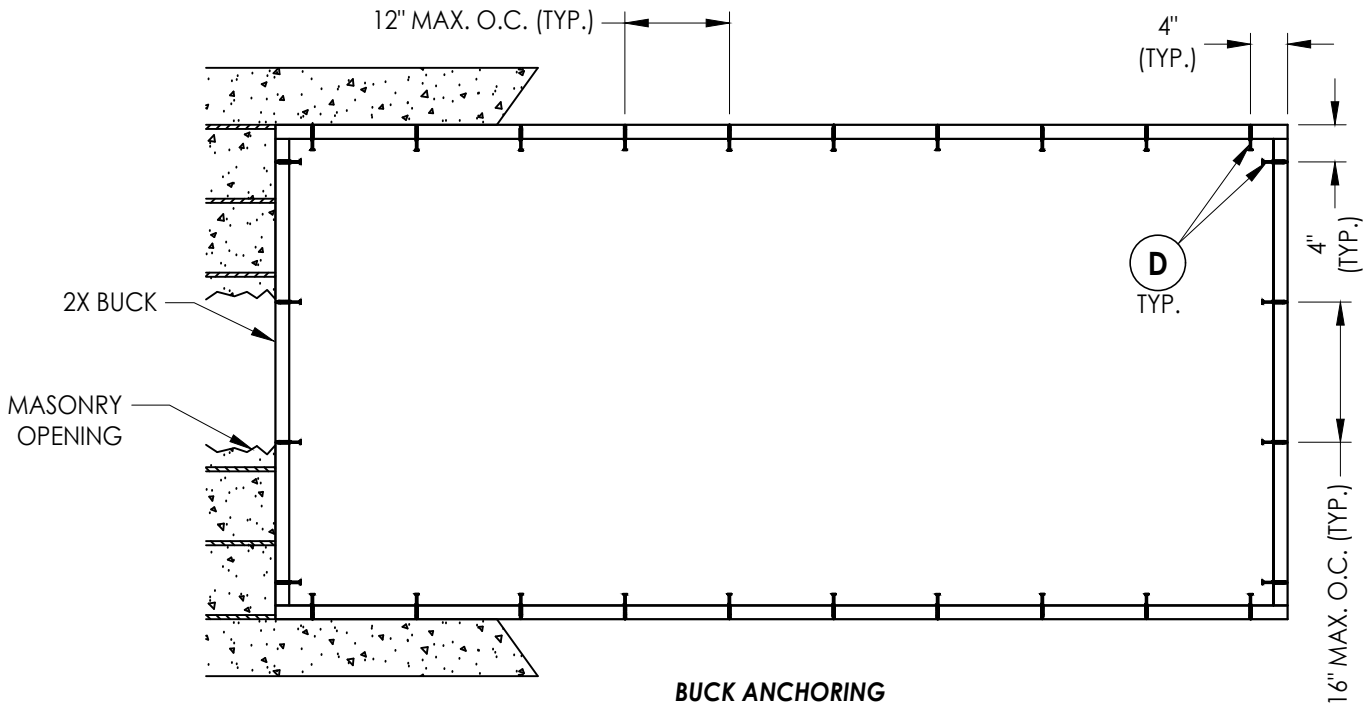
CONCRETE ANCHOR NOTES:

- 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.



BUCK ANCHORING
106.29" X 50" MAX
DP <= 75 PSF

PRODUCT:	5400/5400S/7700/9900 SERIES FIXED WINDOW
	PART OR ASSEMBLY: BUCK ANCHORING

NO.	DATE	REVISIONS			
		5	4	3	2
	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
	7/06/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
	6/01/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
				BY	

DATE: 8/18/14

SCALE: N.T.S.

DWG. BY: JK

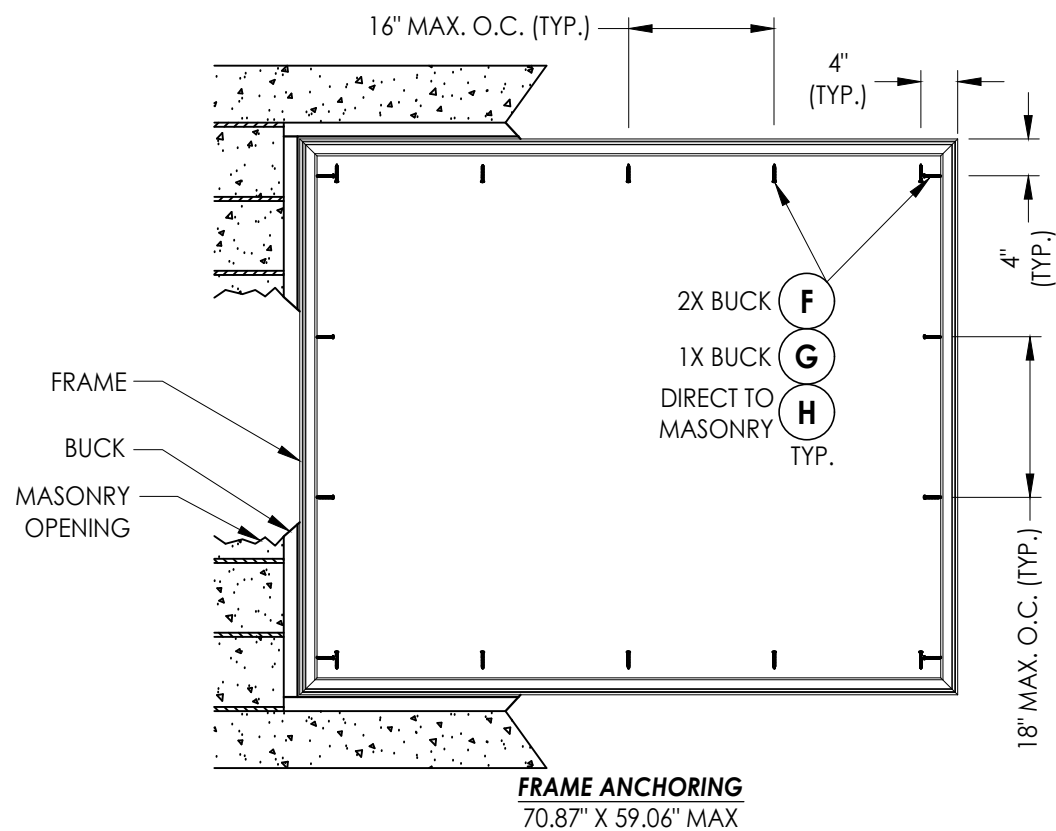
CHK. BY: LFS

DRAWING NO.:
FL-15816.9

SHEET 3 OF 5

Documents Prepared By:
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P.O. Box 230, Valrico, FL 33595
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CORROSION RESISTANCE - SALTWATER ENVIRONMENT

Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

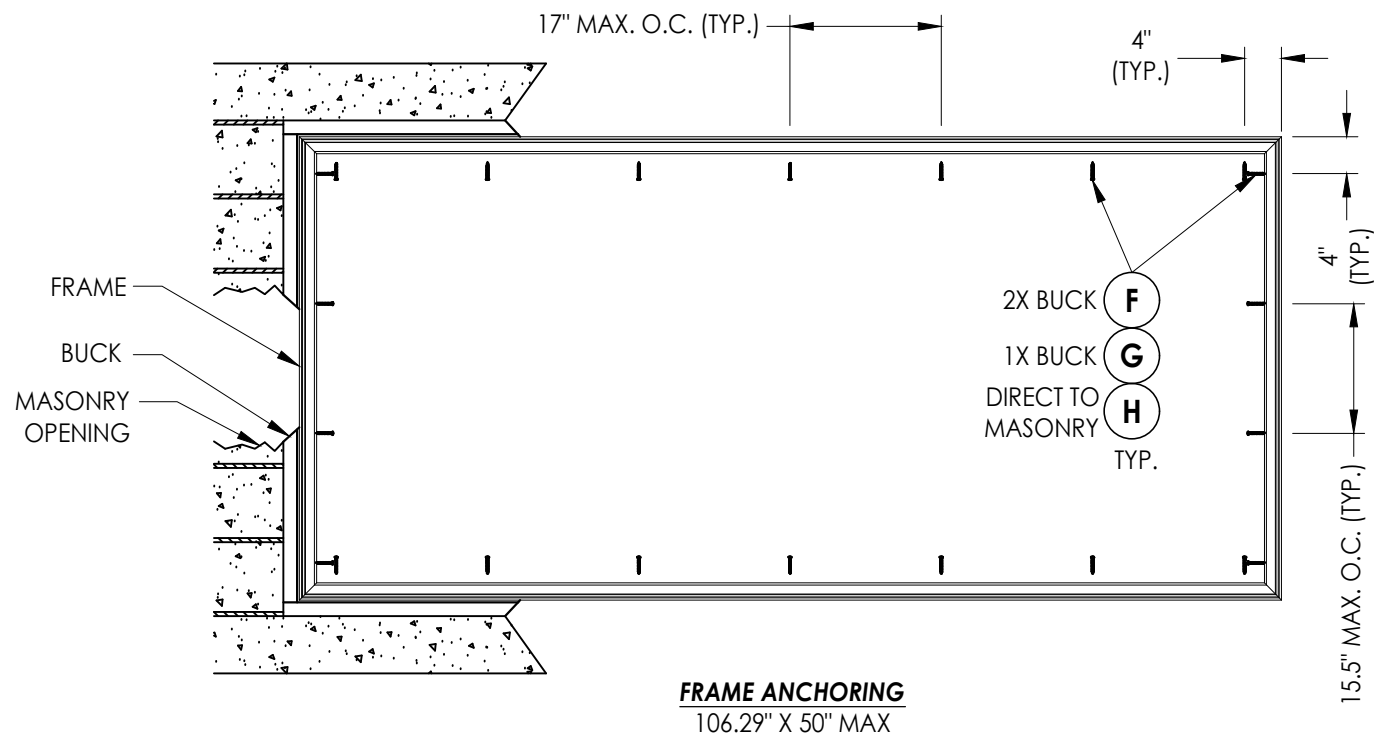
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[illegible]

DATE: 8/18/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15816.9

SHEET 4 OF 5

Documents Prepared By:
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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