



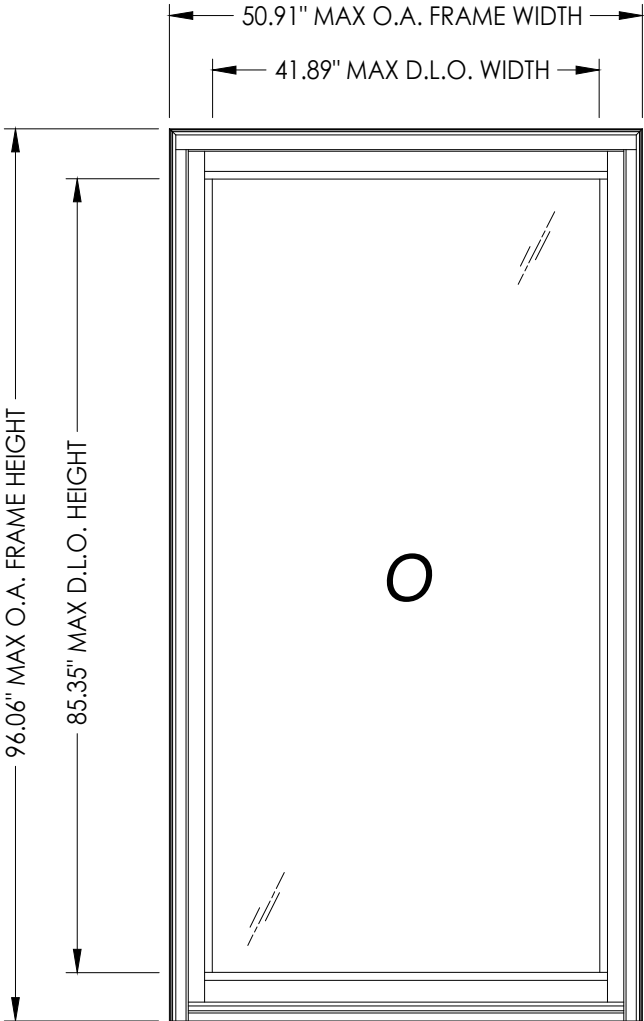
250 Staunton Turnpike, Parkersburg, WV 26104

5400/5400S/7700/9900 Series
Vinyl Sidelite Window
"NON-IMPACT"

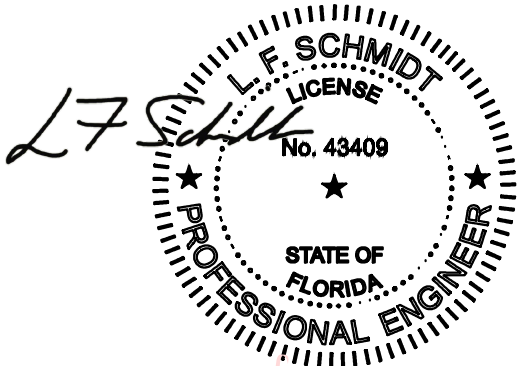
GENERAL NOTES

- 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 & vertical cross sections
3	Buck & frame anchoring
4	Bill of materials, components and glazing details



MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
50.91" X 96.06"	41.89" X 85.35"	G1, G2, G3	+35.0	-35.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.27 08:55:12 -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:
5400/5400S/7700/9900 SERIES
SIDELITE WINDOW

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

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
NO.	DATE			BY

REVISIONS

DATE: 8/18/14

SCALE: N.T.S.

DWG. BY: JK

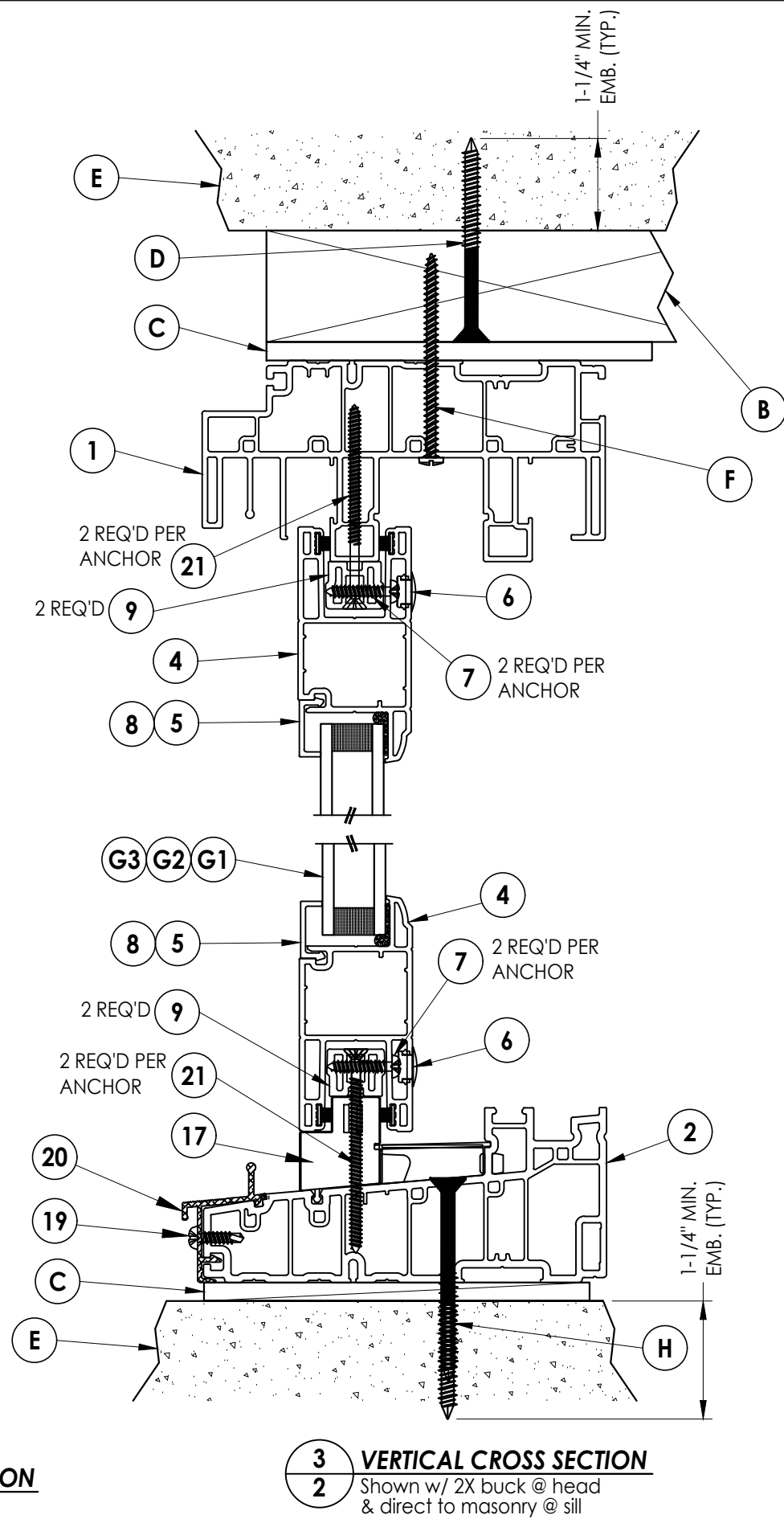
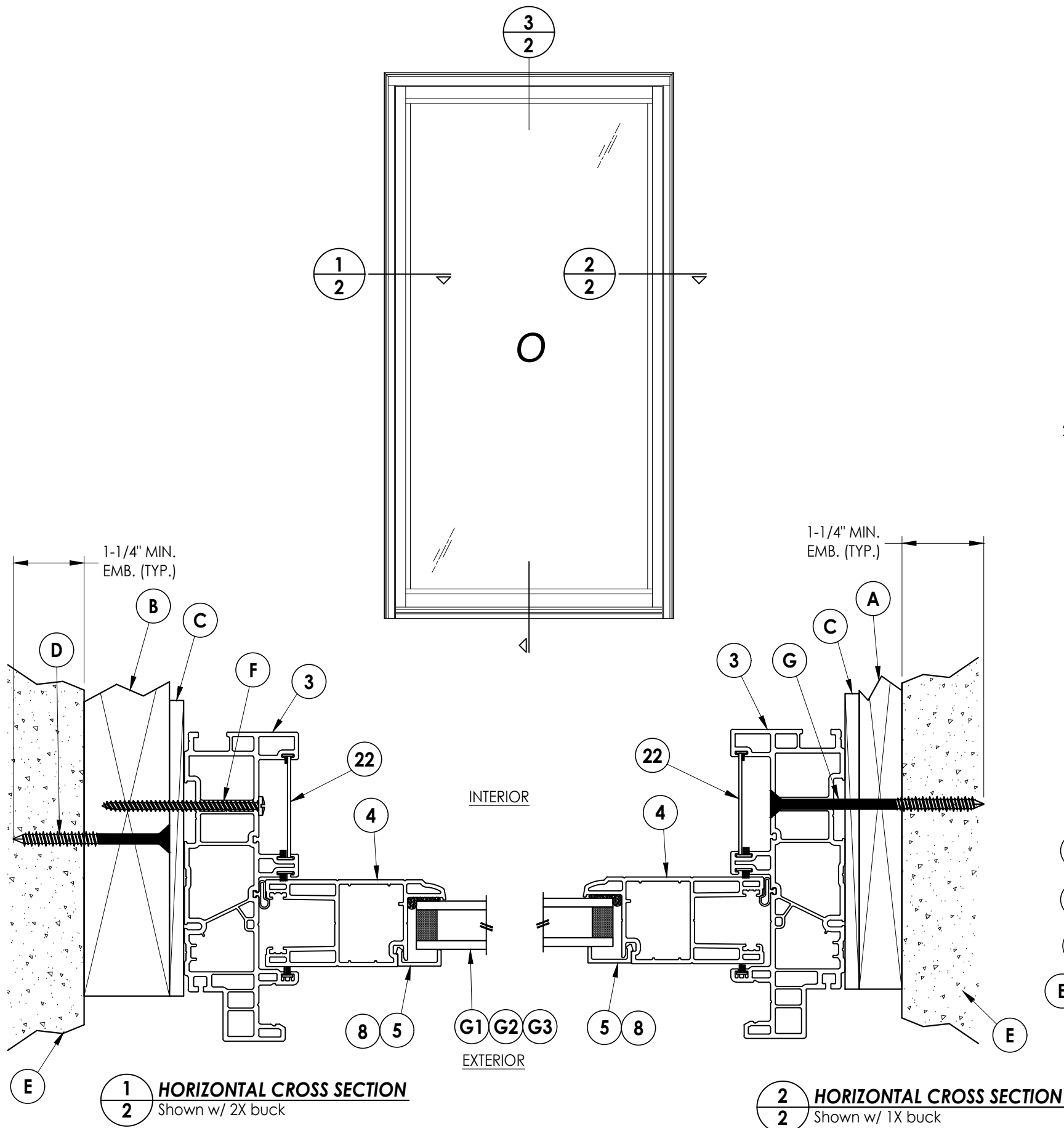
CHK. BY: LFS

DRAWING NO.: FL-15816.12

SHEET 1 OF 4

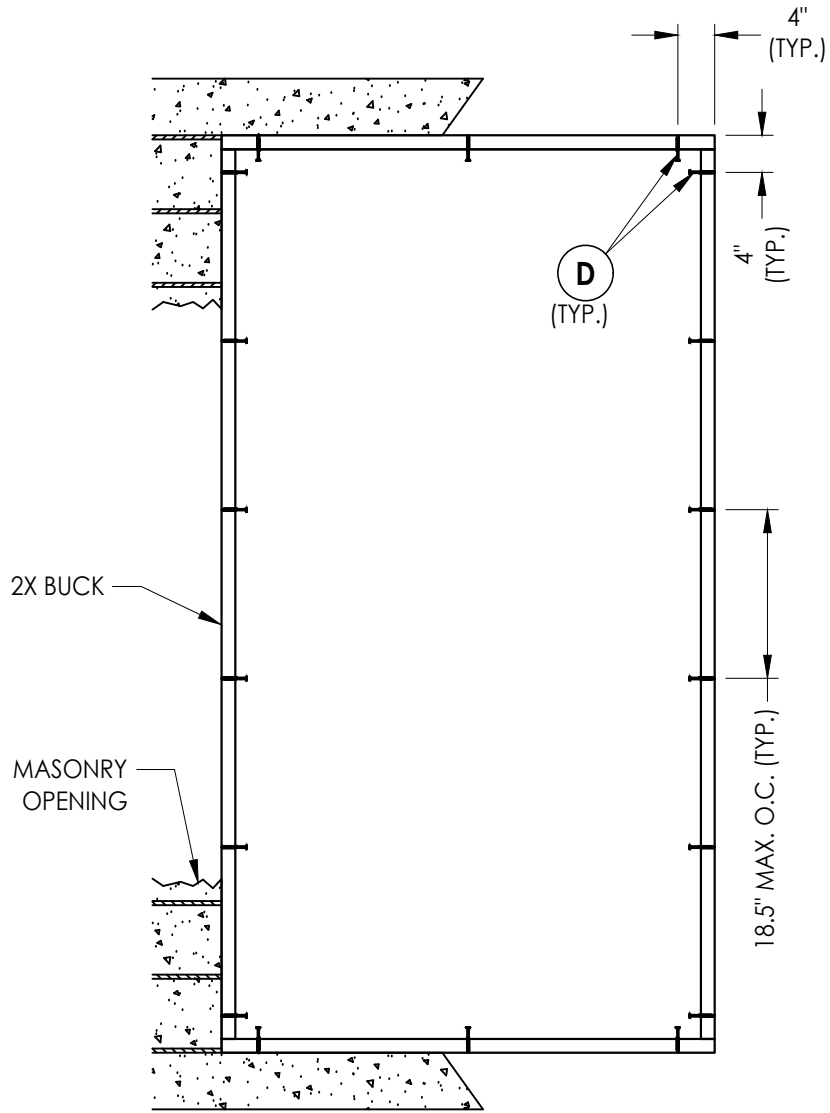
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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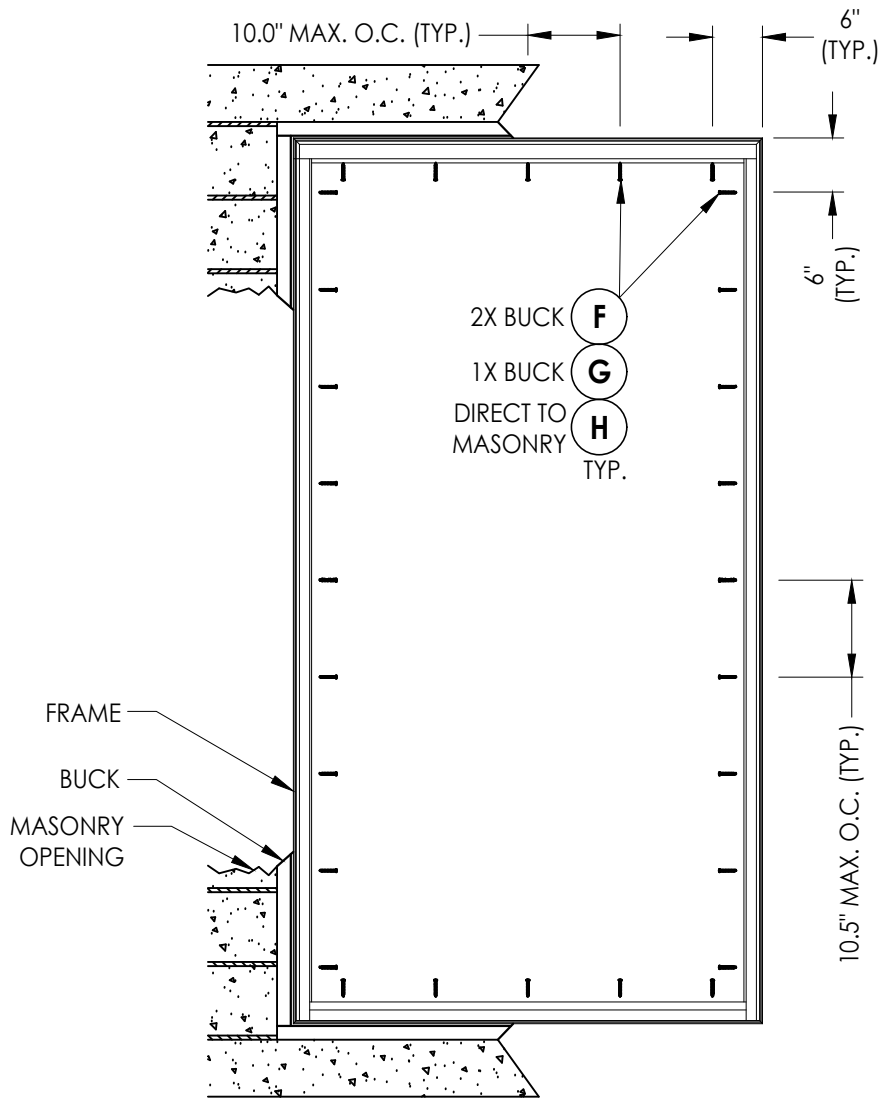


DATE: 8/18/14												DOCUMENTS PREPARED BY: LYNDON F. SCHMIDT P.E. NO. 43409	
SCALE: N.T.S.												BUILDING CONSULTANTS, INC. P.O. BOX 230, VALRICO, FL 33595 PHONE NO.: 813.659.9197 FBPE REGISTRY NO. 9813	
DWG. BY: JK												RW	
CHK. BY: LFS												PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS	
DRAWING NO.: FL-15816.12												PRODUCT: 5400/5400S/7700/9900 SERIES SIDELITE WINDOW	
SHEET 2 OF 4												REVISIONS	
		NO.		DATE									
		2		6/01/17		UPDATE TO 6TH ED. (2017)		FBC		LFS			
		3		7/06/20		UPDATE TO 7TH ED. (2020)		FBC		LFS			
		4		7/06/23		UPDATE TO 8TH ED. (2023)		FBC		LFS			
		5		7/01/26		UPDATE TO 9TH ED. (2026)		FBC		LFS			

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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.

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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PRODUCT:
5400/5400S/7700/9900 SERIES
SIDELITE WINDOW

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
5	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
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1		BY

DATE: 8/18/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15816.12

SHEET 3 OF 4

