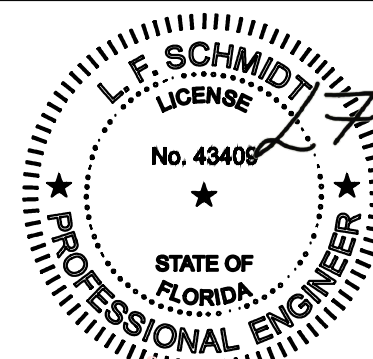
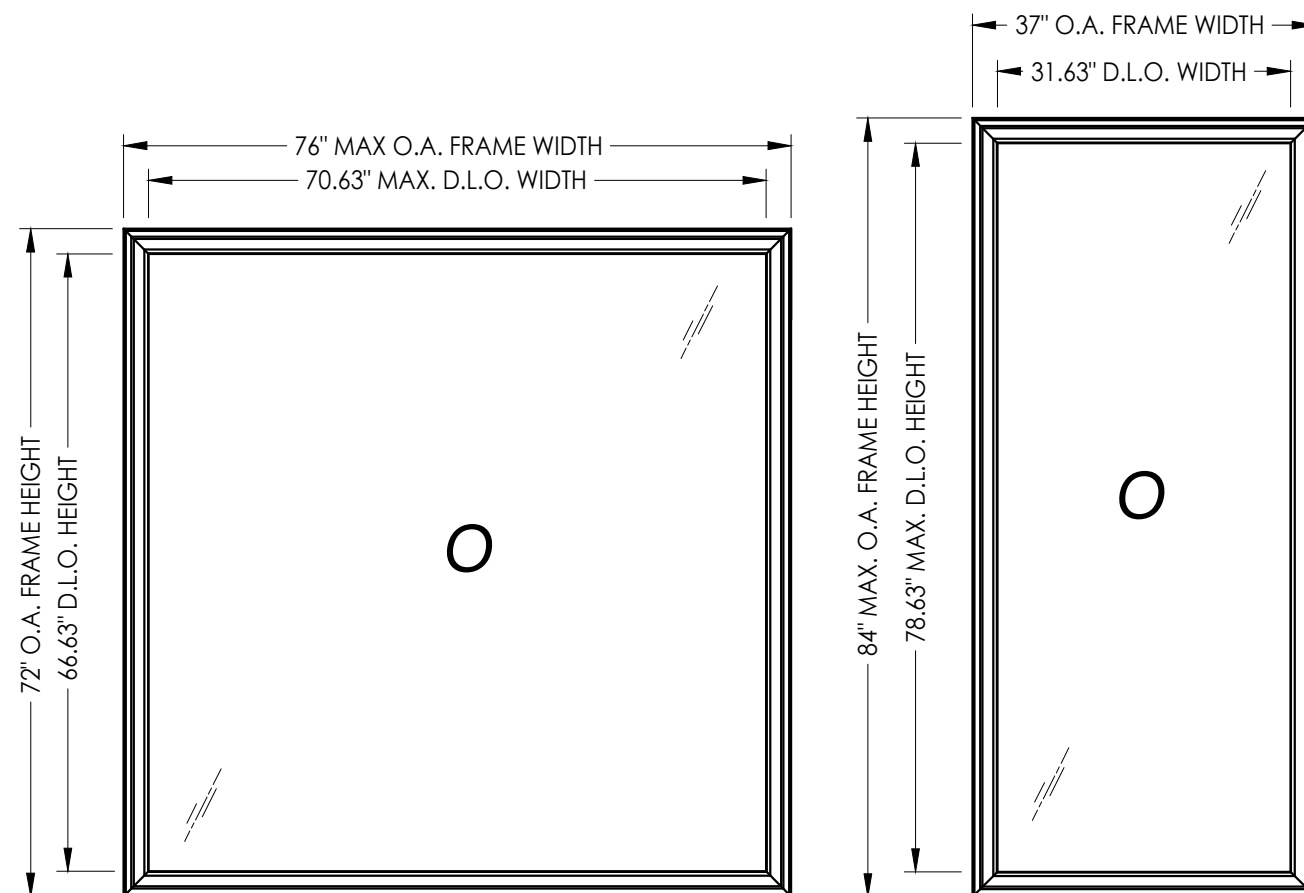


8800 Series Vinyl Fixed Window "IMPACT"



Digitally signed by Lyndon F
Schmidt
Date: 2026.07.27 08:56:19 -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

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

PRODUCT: 8800 SERIES VINYL FIXED WINDOW

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

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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996. Exception: Glazing Detail (G7) excludes Wind Zone 4 as defined in ASTM E 1996.
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
37.0" X 84.0"	31.63" X 78.63"	G1	+65.0	-65.0
		G5	+50.0	-50.0
48.0" X 60.0"	42.63" X 54.63"	G2, G5	+50.0	-50.0
54.0" X 84.0"	42.63" X 54.63"	G7*	+50.0	-50.0
64.0" X 64.0"	58.63" X 58.63"	G1	+60.0	-60.0
		G6	+50.0	-50.0
72.0" X 72.0"	66.63" X 66.63"	G3	+65.0	-65.0
		G4	+50.0	-50.0
76.0" X 63.0"	70.63" X 57.63"	G3	+65.0	-70.0

*Glazing Detail (G7) excludes Wind Zone 4 as defined in ASTM E 1996.

NOTE: Maximum frame width and height occur on separate units.

8	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC	LFS
7	7/06/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
6	7/06/20	UPDATE TO 7TH ED.	(2020)	FBC	LFS
NO.	DATE	REVISIONS			

DATE: 8/2/12

SCALE: *N.T.S.*

DWG. BY: JK

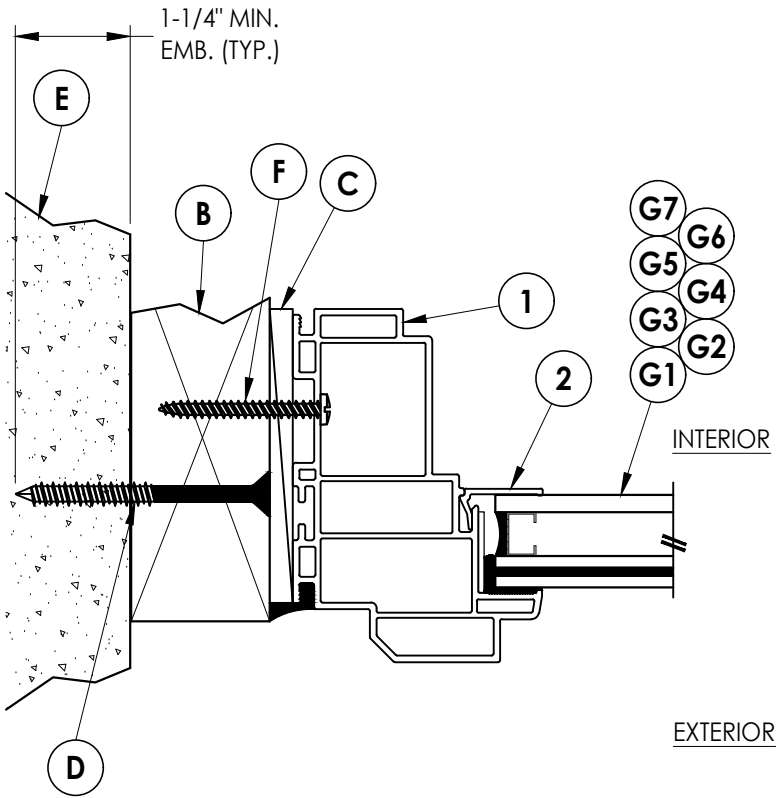
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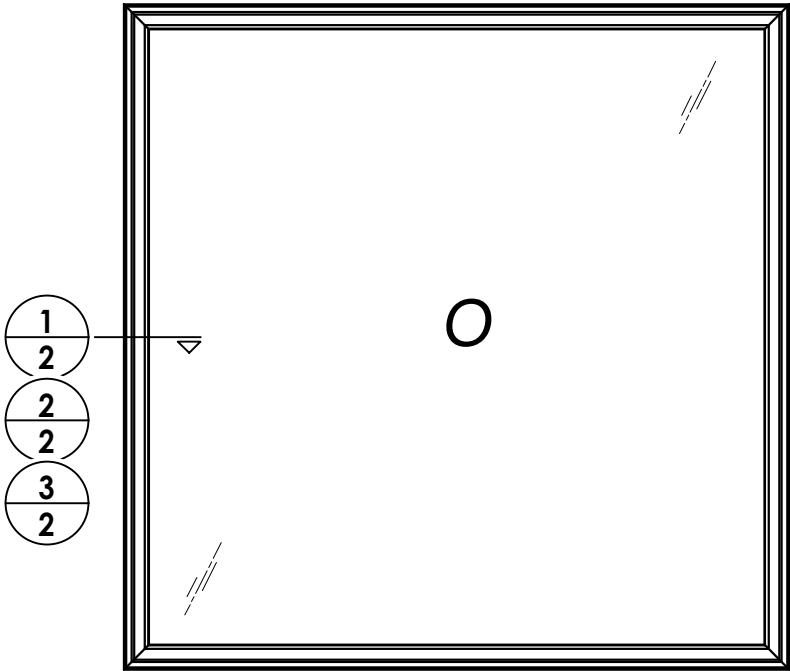
FL-15816.2

SHEET 1 OF 5

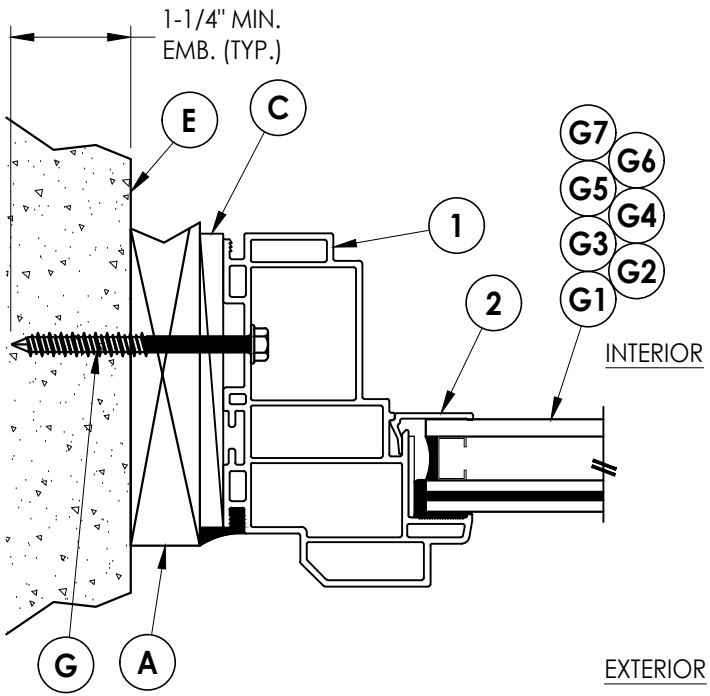
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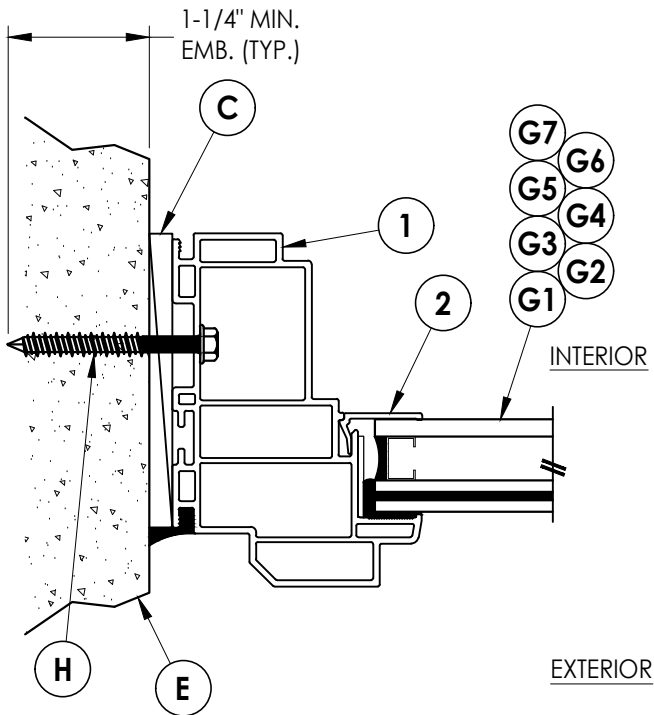
1 HORIZONTAL CROSS SECTION
2 Shown w/ 2X buck



2 HORIZONTAL CROSS SECTION
2 Shown w/ 1X buck



3 HORIZONTAL CROSS SECTION
2 Shown direct to masonry



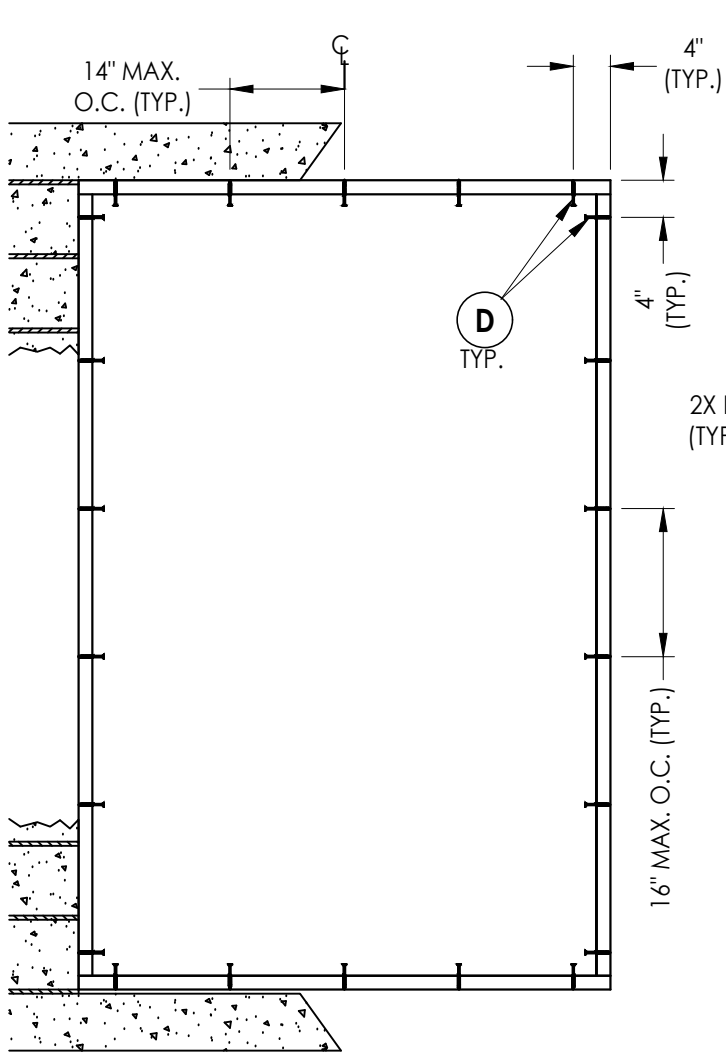
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8	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
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DATE:	8/2/12
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15816.2
SHEET	2 OF 5

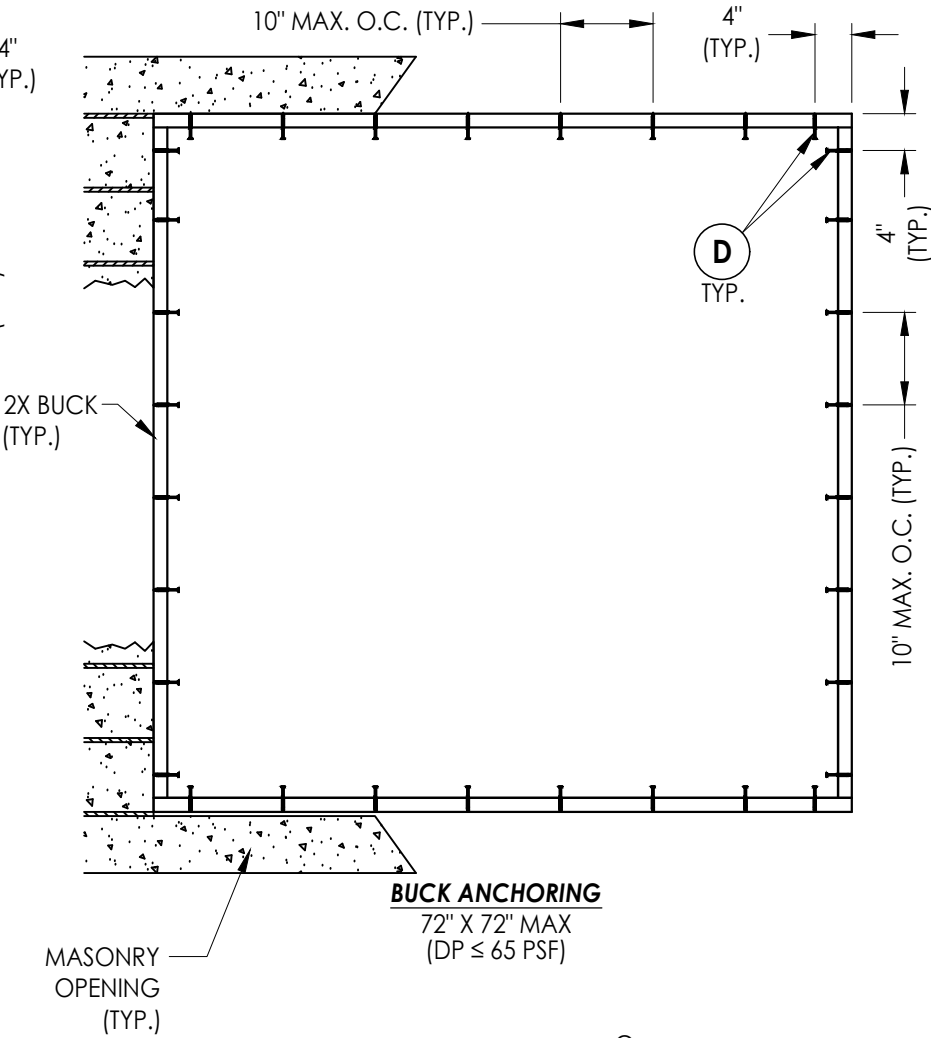
PRODUCT:	8800 SERIES VINYL FIXED WINDOW
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813
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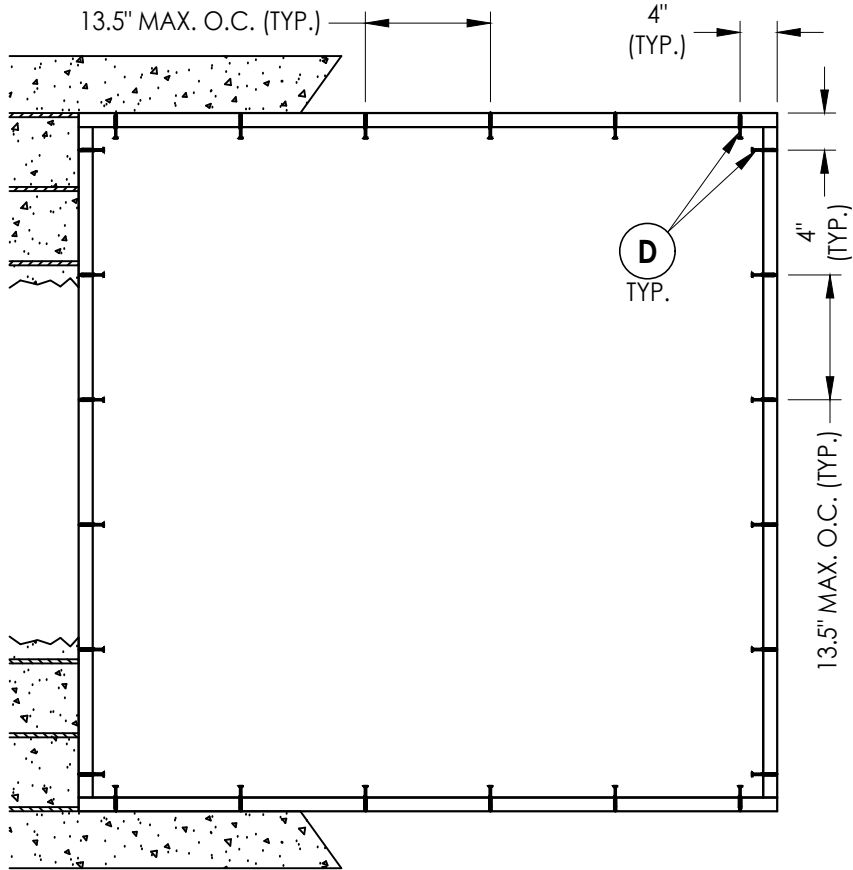
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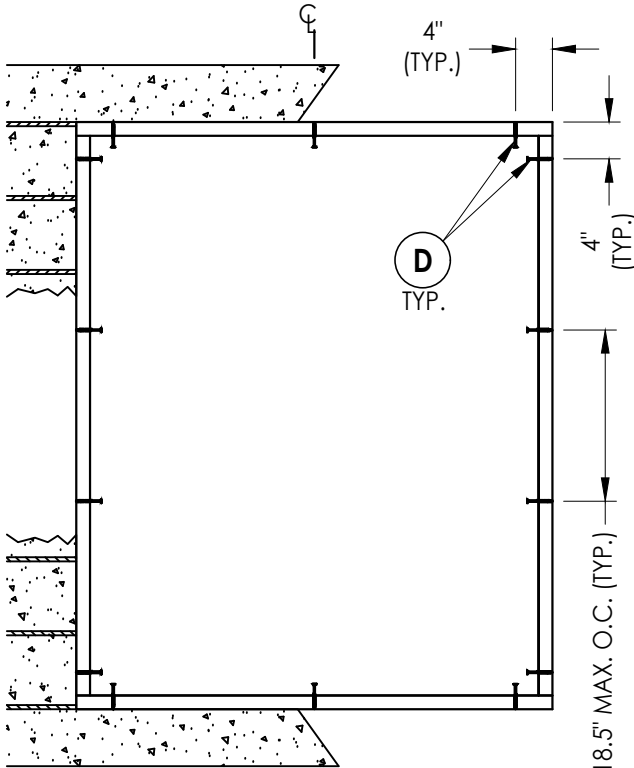
BUCK ANCHORING
37" X 84" MAX (DP ≤ 65 PSF)
54" X 84" MAX (DP ≤ 50 PSF)



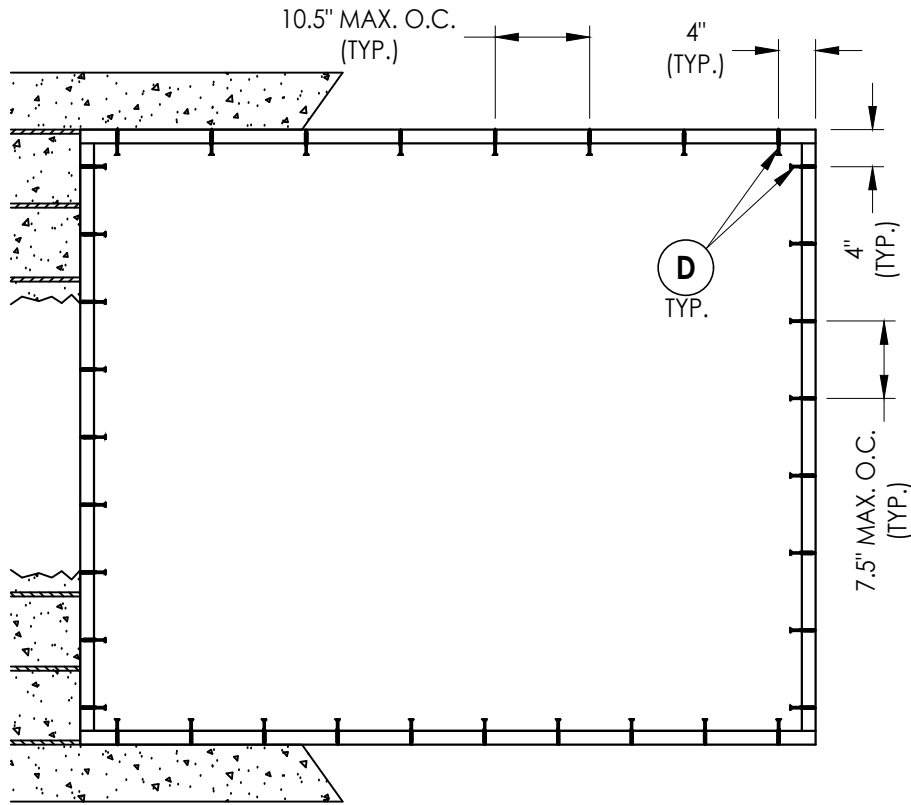
BUCK ANCHORING
72" X 72" MAX
(DP ≤ 65 PSF)



BUCK ANCHORING
72" X 72" MAX
(DP ≤ 50 PSF)



BUCK ANCHORING
48" X 60" MAX
(DP ≤ 50 PSF)



BUCK ANCHORING
76" X 63" MAX
(DP ≤ 70 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 ULTRA-CON®	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:
8800 SERIES
VINYL FIXED WINDOW

PART OR ASSEMBLY:
BUCK ANCHORING

				REVISIONS			
				NO.	DATE	BY	
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DATE: 8/2/12

SCALE: N.T.S.

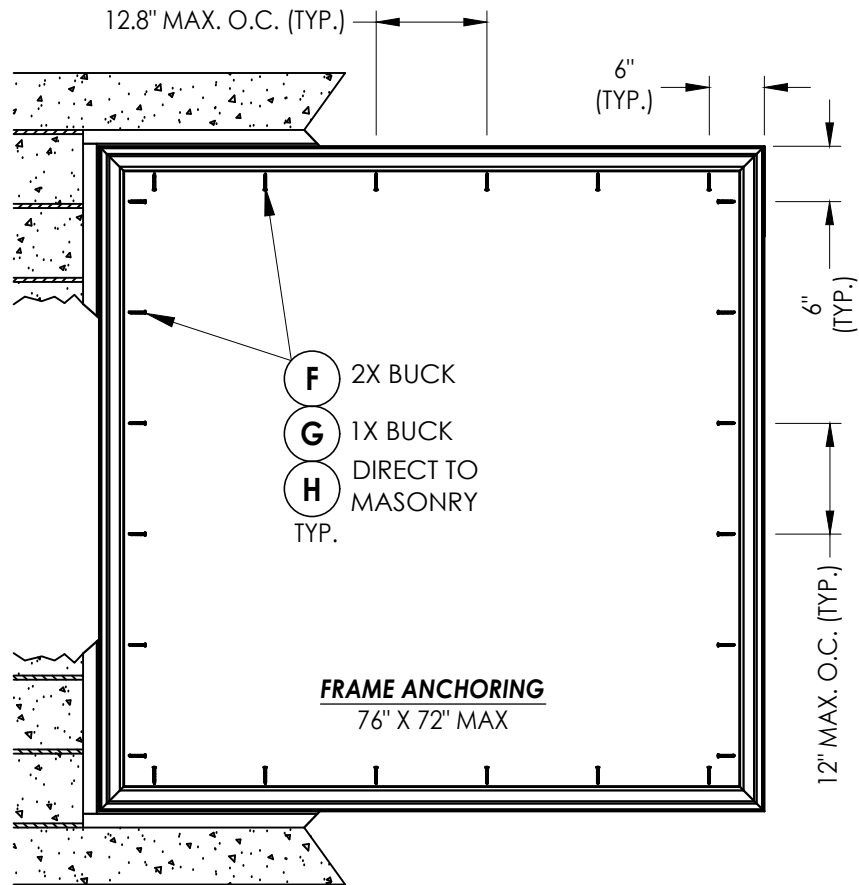
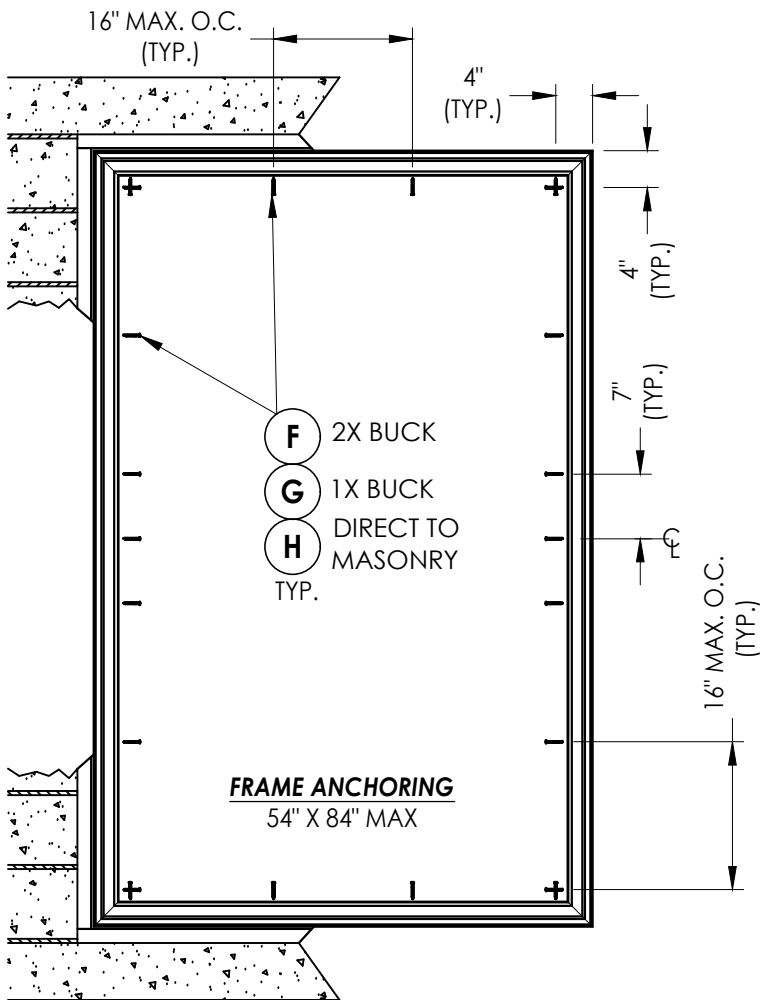
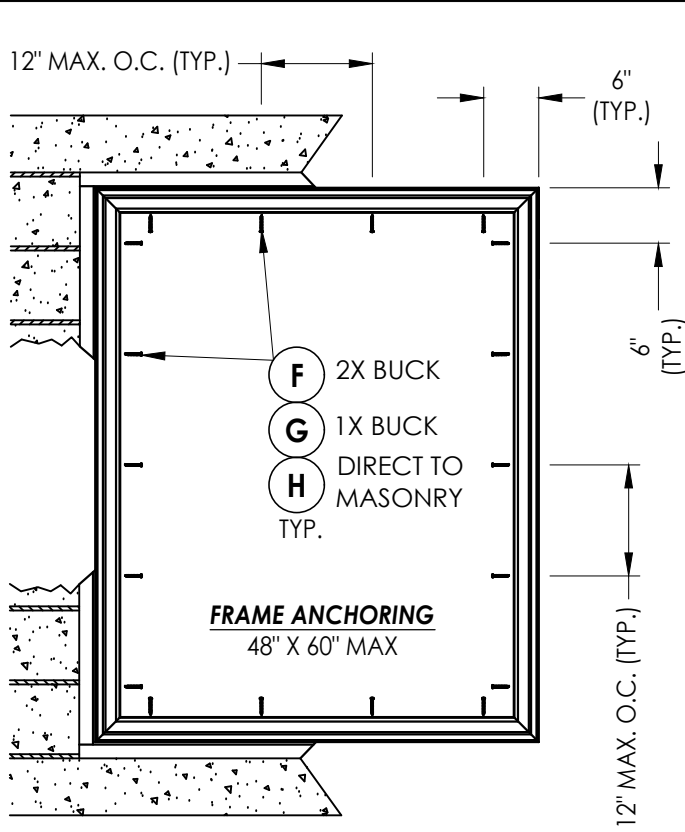
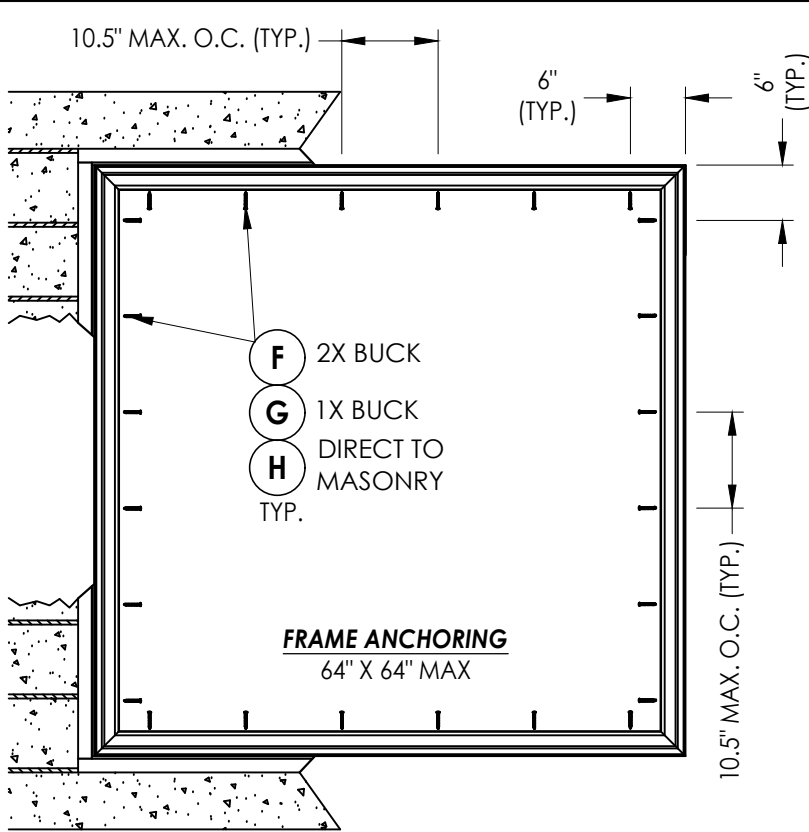
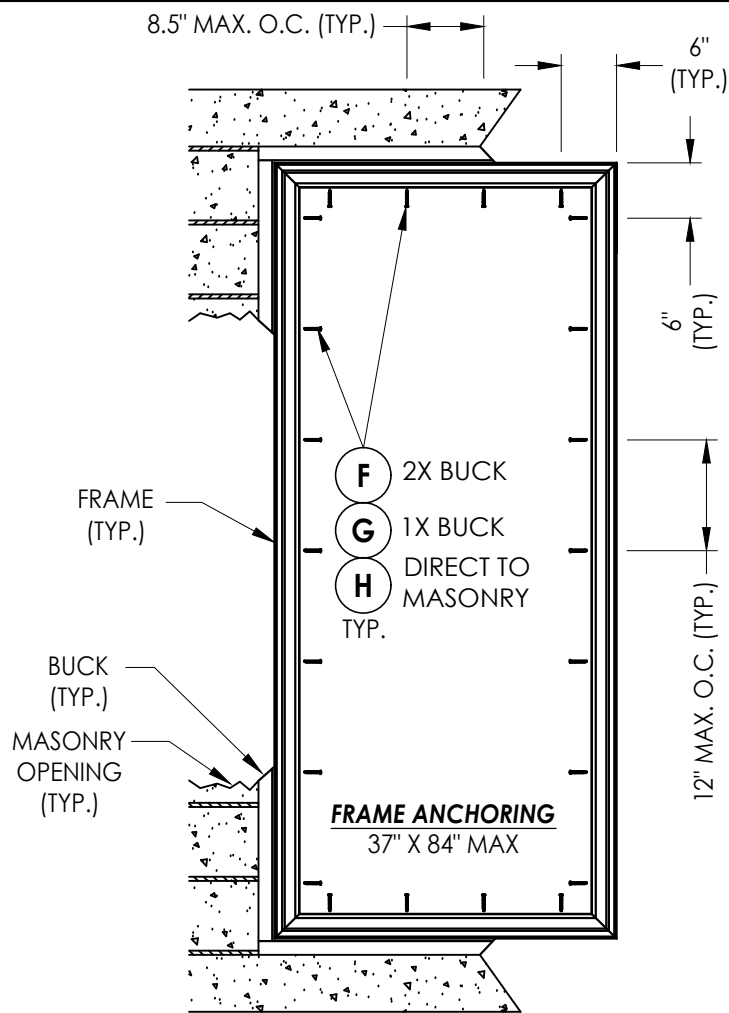
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15816.2

SHEET 3 OF 5

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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.

CONCRETE ANCHOR NOTES:

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PRODUCT:
8800 SERIES
VINYL FIXED WINDOW

PART OR ASSEMBLY:
FRAME ANCHORING

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DATE: 8/2/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15816.2

SHEET 4 OF 5

