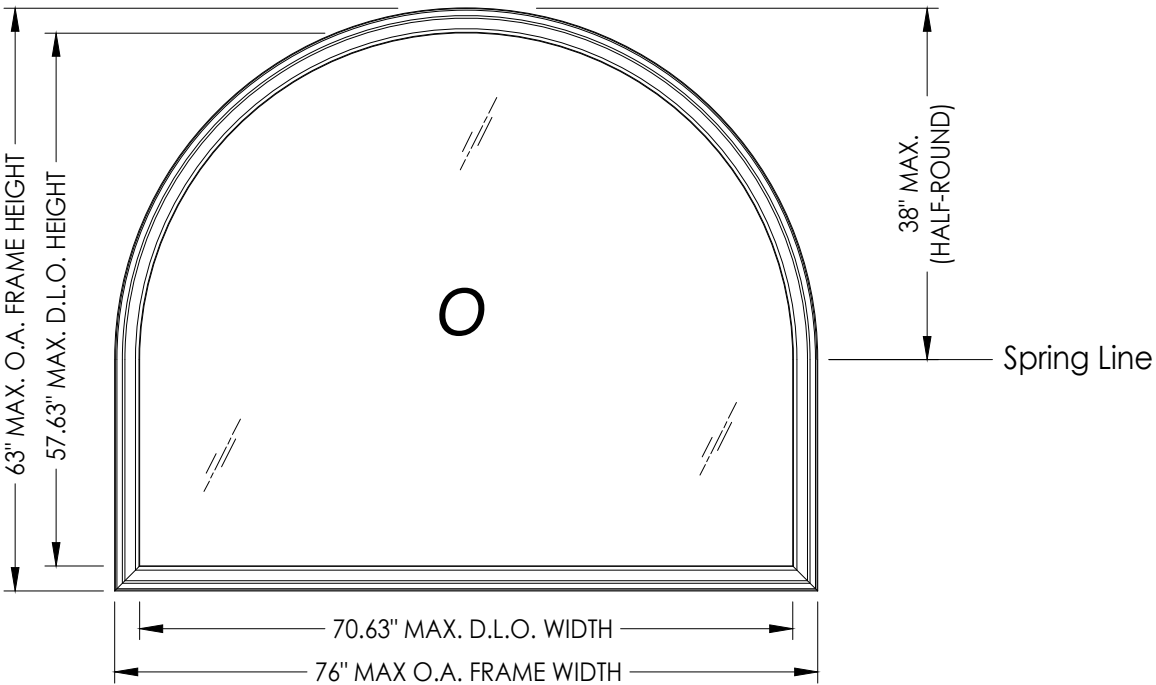
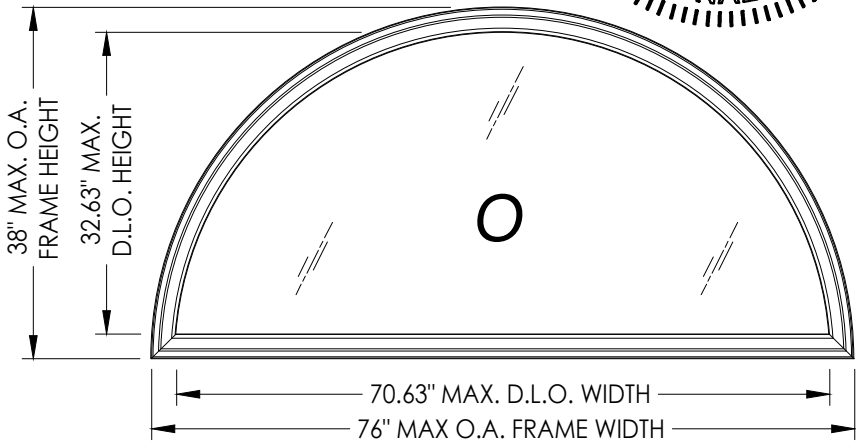
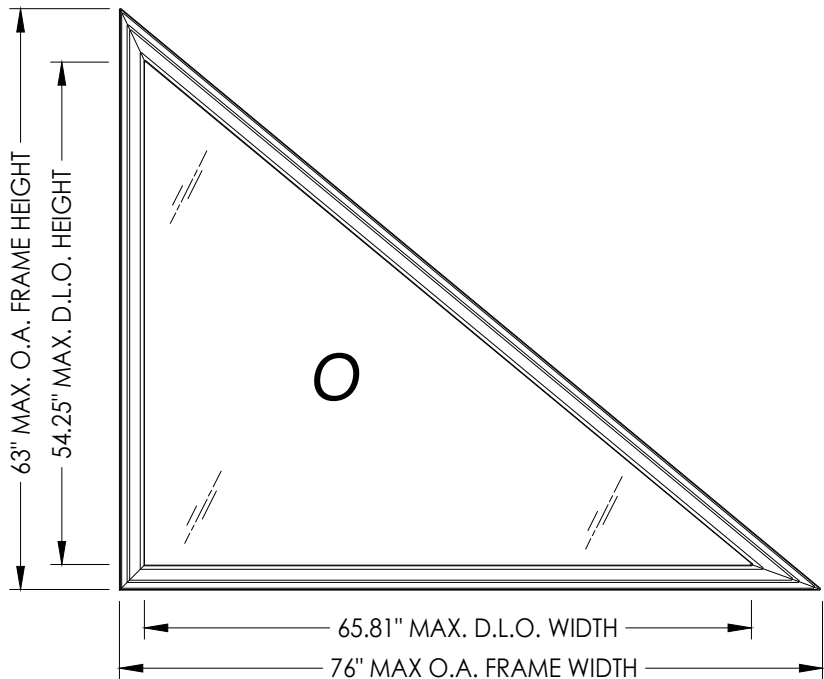




250 Staunton Turnpike, Parkersburg, WV 26104

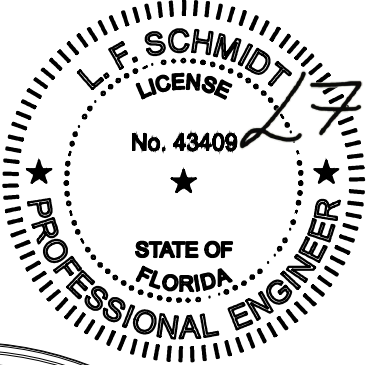
8800 Series ("HVHZ")
Vinyl Fixed Window
"IMPACT"



Digitally signed by Lyndon F Schmidt
Date: 2026.07.27 08:49:03 -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

RW

GENERAL NOTES

- This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in the "HVHZ", this product complies with Section 1626 of the FBC and does not require an impact resistant covering.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
- This product meets the water infiltration requirements for the "HVHZ".

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

GEOMETRIC SHAPE	MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
HALF-ROUND	76.0" X 38.0"	70.63" X 32.63"	G1	+65.0	-70.0
TRIANGULAR	76.0" X 63.0"	65.81" X 54.25"	G1	+65.0	-70.0
HALF-ROUND w/ LEGS	76.0" X 63.0"	70.63" X 57.63"	G1	+65.0	-70.0

PRODUCT:
8800 SERIES
VINYL FIXED WINDOW

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

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

DATE: 5/1/13

SCALE: N.T.S.

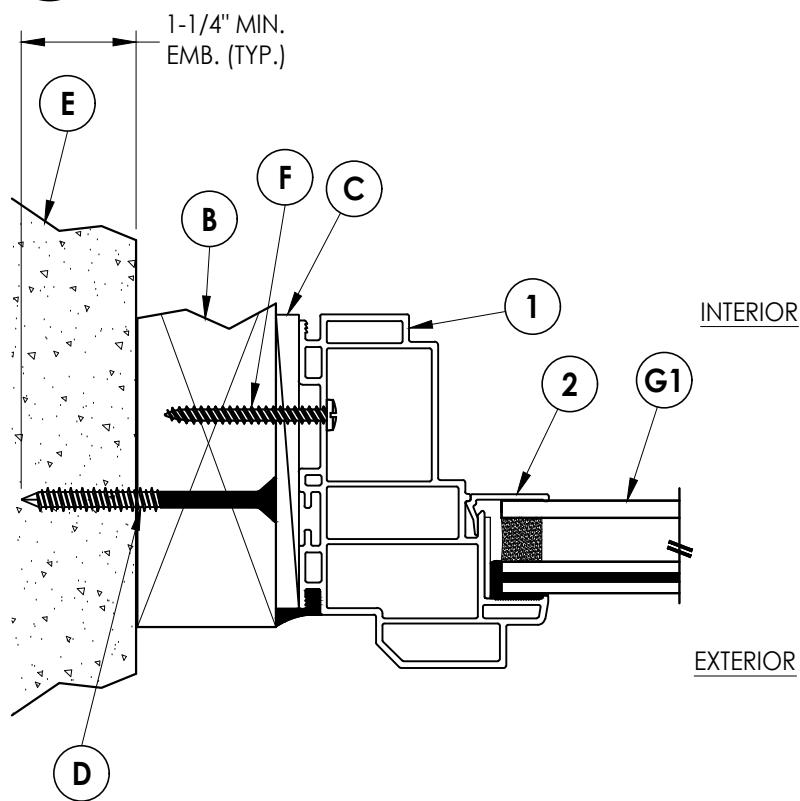
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CHK. BY: LFS

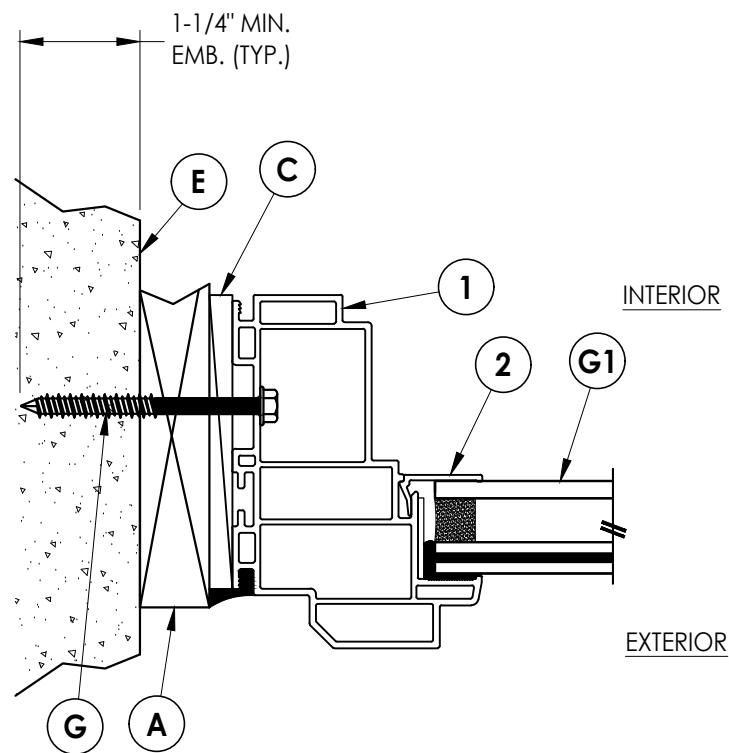
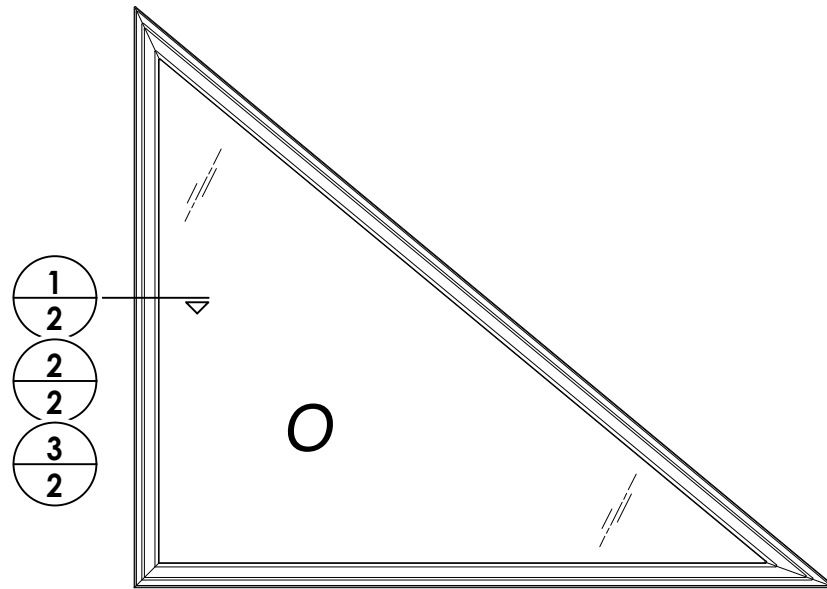
DRAWING NO.:

FL-15816.5

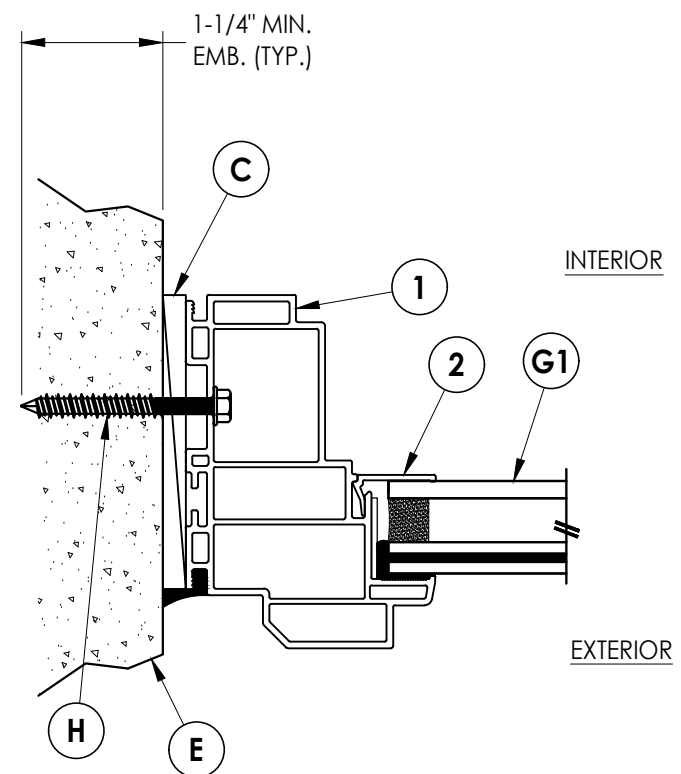
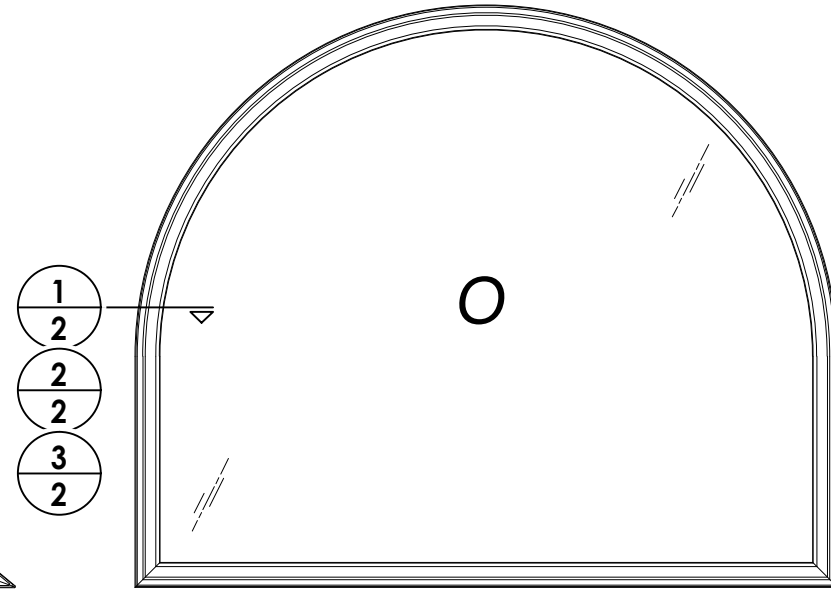
SHEET 1 OF 5



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

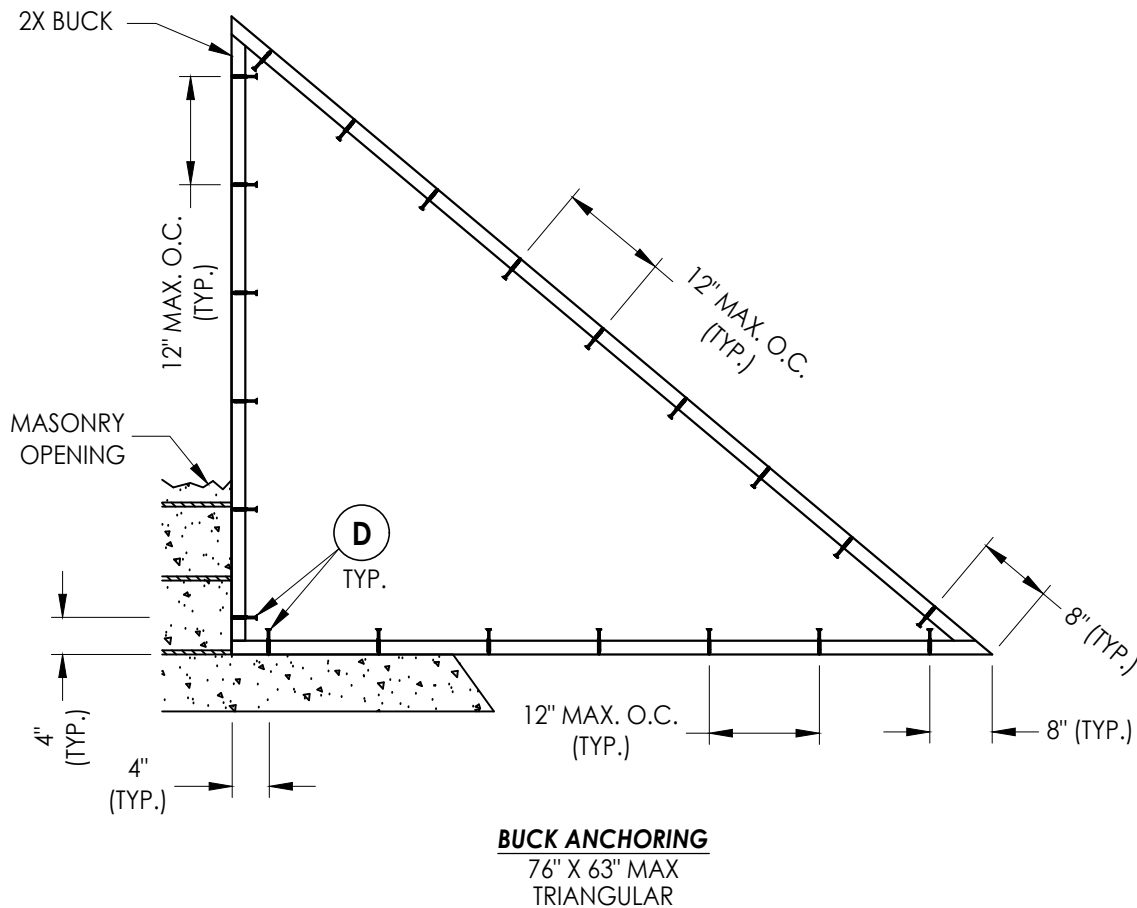
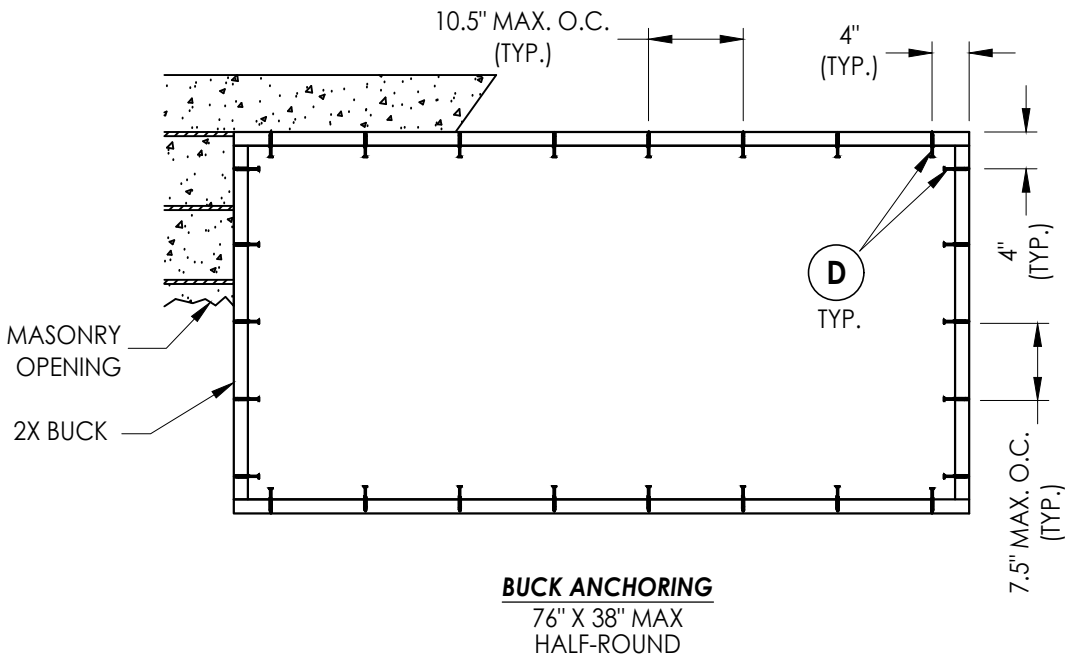
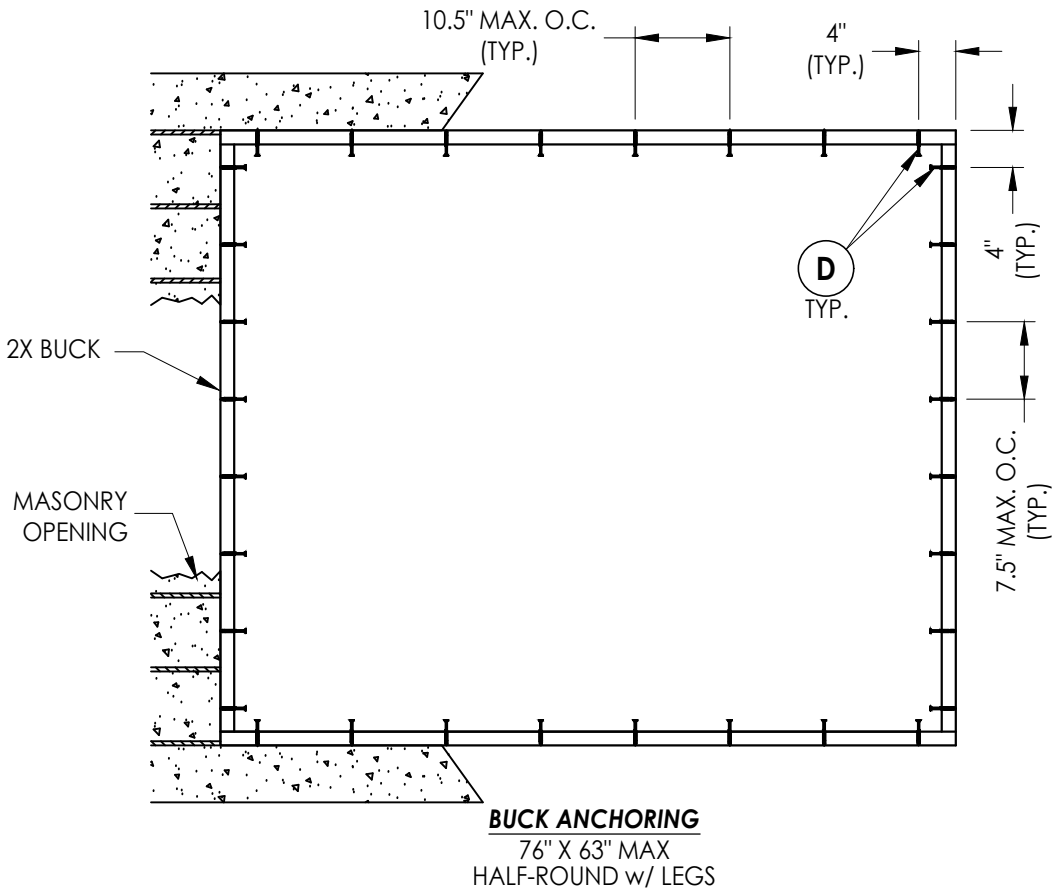
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PRODUCT: 8800 SERIES VINYL FIXED WINDOW	PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS
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Documents Prepared By:
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FBPE Registry No. 9813

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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

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

DATE: 5/1/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

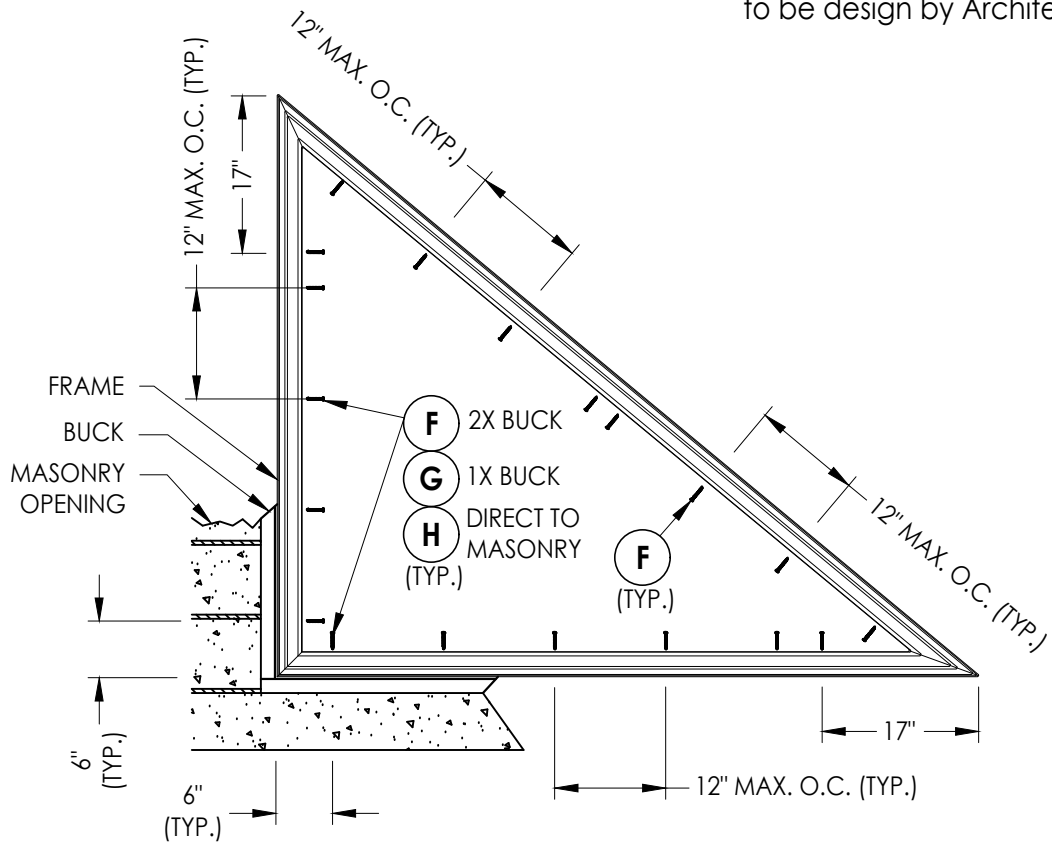
DRAWING NO.:

FL-15816.5

SHEET 3 OF 5

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2X Framing and connection to substrate
to be design by Architect or Engineer of Record.

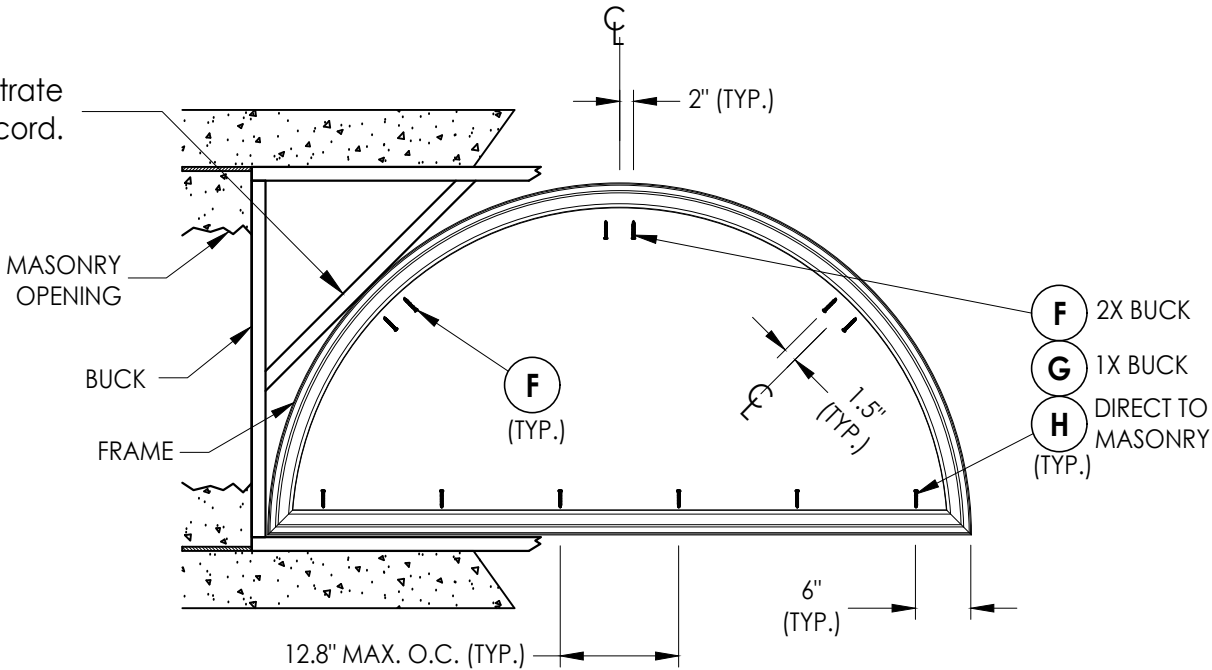


FRAME ANCHORING
76" X 63"

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.

2X Framing and connection to substrate
to be design by Architect or Engineer of Record.



FRAME ANCHORING
76" X 38"

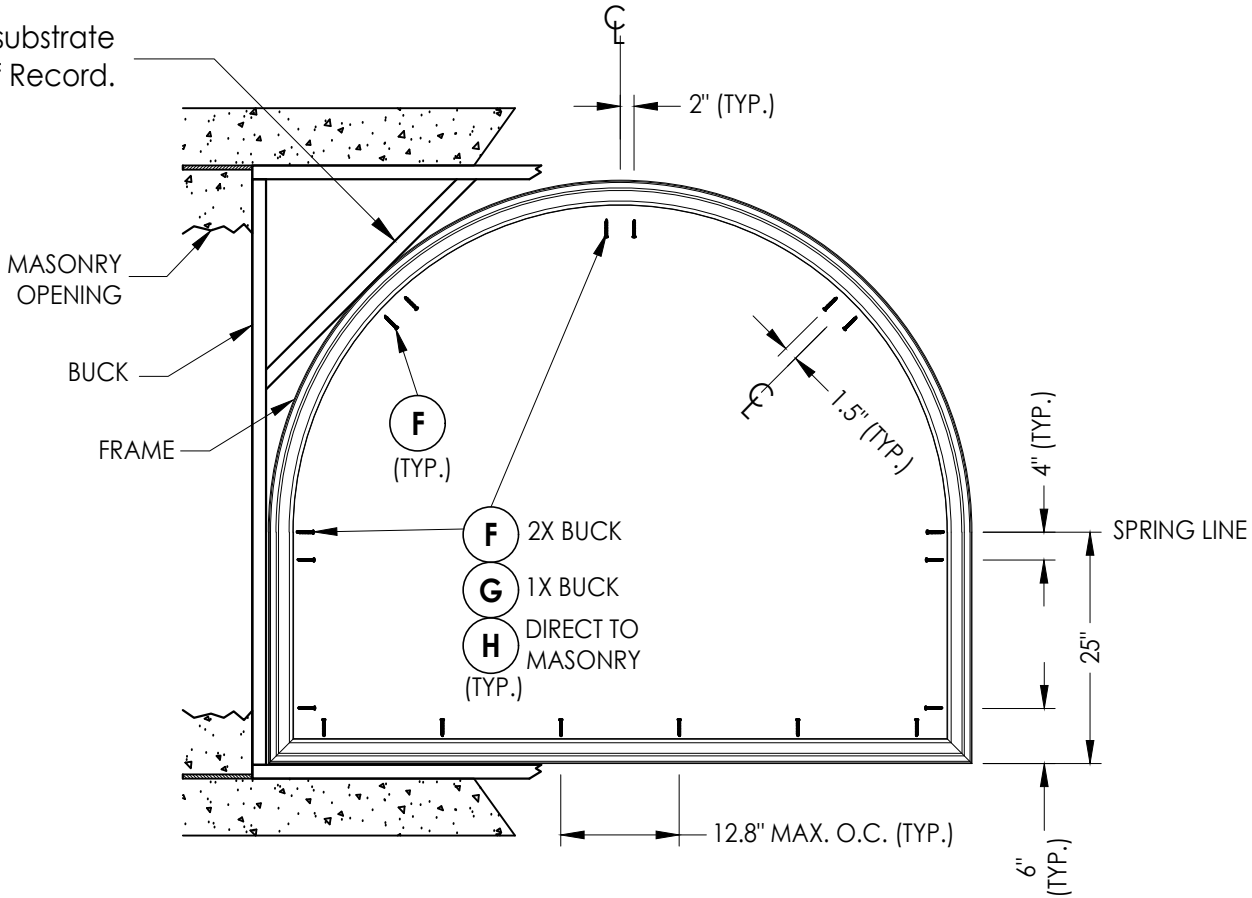
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WOOD SCREW INSTALLATION NOTES:

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



FRAME ANCHORING
76" X 63"

Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:
8800 SERIES
VINYL FIXED WINDOW

PART OR ASSEMBLY:
FRAME ANCHORING

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

DATE: 5/1/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

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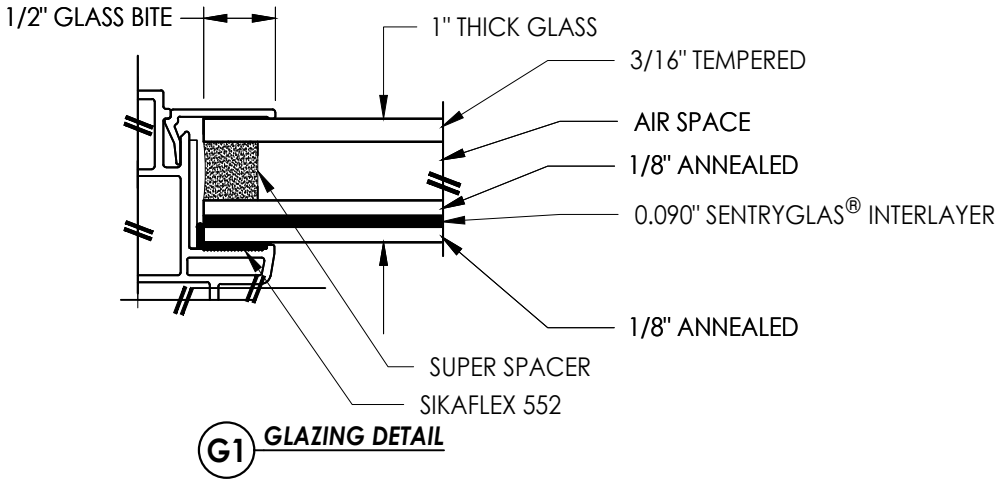
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SHEET 4 OF 5

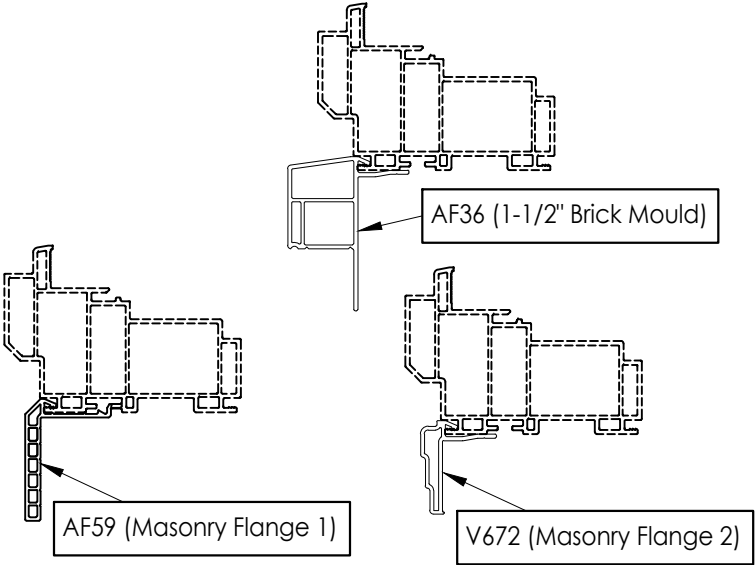
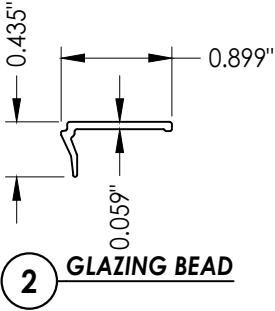
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 1-3/4" PPH WOOD SCREW (1-3/16" MIN. EMBEDMENT)	STEEL
G	1/4" X 2-3/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
H	1/4" X 2-1/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
1	FRAME (PI7701WH)*	PVC
2	1" GLAZING BEAD (BV56WH)*	PVC

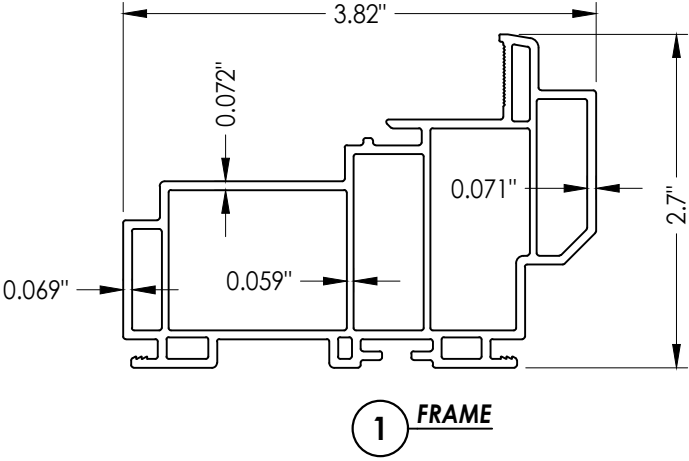
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



NOTE: GLAZING > 36" WIDE REQUIRES TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 241 I.3.3.1.



OPTIONAL COSMETIC FLANGES



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PRODUCT: 8800 SERIES VINYL FIXED WINDOW		PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS AND GLAZING DETAILS	
		LFS	
		FBC	
6	7/01/26	UPDATE TO 9TH ED. (2026)	
5	7/06/23	UPDATE TO 8TH ED. (2023)	
4	7/06/20	UPDATE TO 7TH ED. (2020)	
NO.	DATE		
REVISIONS			
DATE: 5/1/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15816.5			
SHEET 5 OF 5			