



250 Staunton Turnpike, Parkersburg, WV 26104

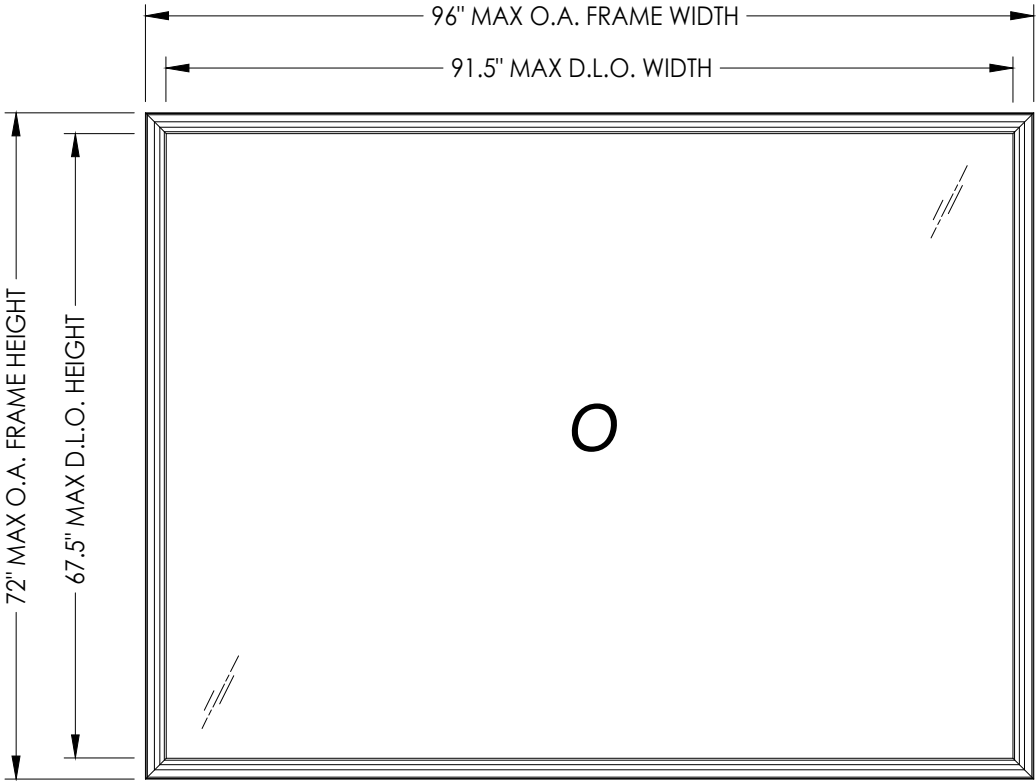
5400/5400S Series
Vinyl Fixed Window

"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 a
3. nd spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
4. 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.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

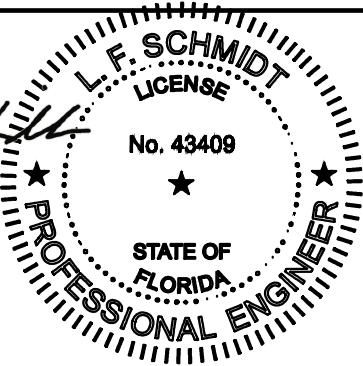
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SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Horizontal cross sections
3	Buck & frame anchoring
4	Bill of materials, components and glazing details



NOTE: Fixed windows may be orientated horizontally or vertically.

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
48.0" X 36.0"	43.5" X 31.5"	G4	+50.0	-50.0
45.0" X 45.0"	40.5" X 40.5"	G4	+40.0	-40.0
60.0" X 34.0"	55.5" X 29.5"	G4	+40.0	-40.0
72.0" X 28.0"	67.5" X 23.5"	G4	+35.0	-35.0
84.0" X 24.0"	79.5" X 19.5"	G4	+30.0	-30.0
52.0" X 52.0"	47.5" X 47.5"	G3	+50.0	-50.0
63.0" X 44.0"	58.5" X 39.5"	G3	+50.0	-50.0
72.0" X 48.0"	67.5" X 43.5"	G3	+40.0	-40.0
60.0" X 59.0"	55.5" X 54.5"	G3	+35.0	-35.0

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
84.0" X 42.0"	79.5" X 37.5"	G3	+35.0	-35.0
77.0" X 69.0"	72.5" X 64.5"	G2	+50.0	-50.0
74.0" X 72.0"	69.5" X 67.5"	G2	+50.0	-50.0
96.0" X 38.0"	91.5" X 33.5"	G2	+50.0	-50.0
84.0" X 60.0"	79.5" X 55.5"	G2	+50.0	-50.0
84.0" X 66.0"	79.5" X 61.5"	G2	+45.0	-45.0
96.0" X 58.0"	91.5" X 53.5"	G2	+45.0	-45.0
77.0" X 72.0"	72.5" X 67.5"	G2	+45.0	-45.0
96.0" X 72.0"	91.5" X 67.5"	G1	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.30 09:07:52 -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

PRODUCT: 5400/5400S SERIES

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

DATE: 4/16/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-48168.2

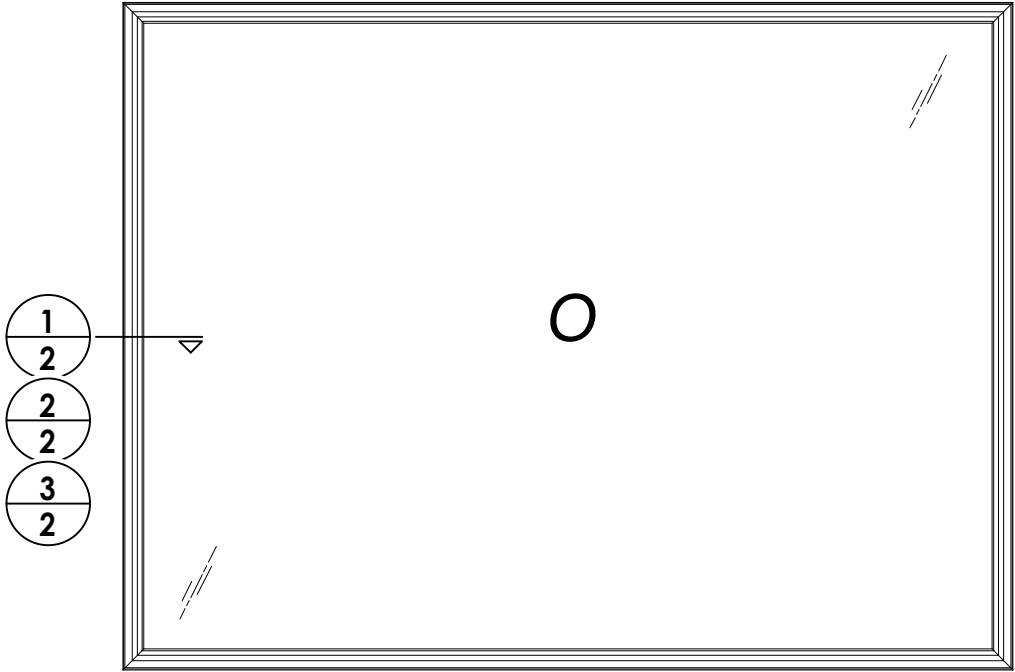
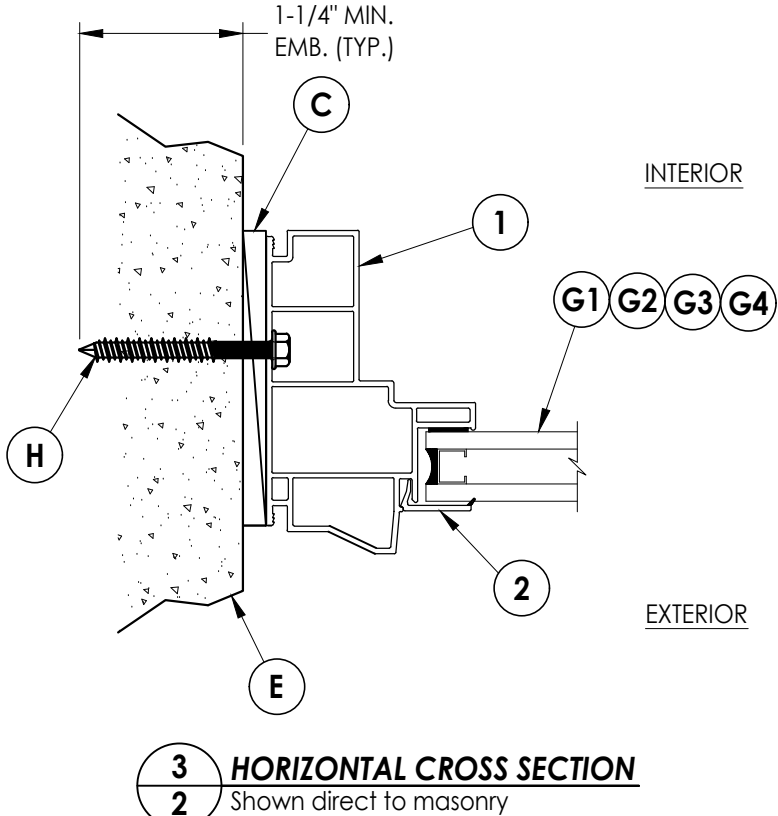
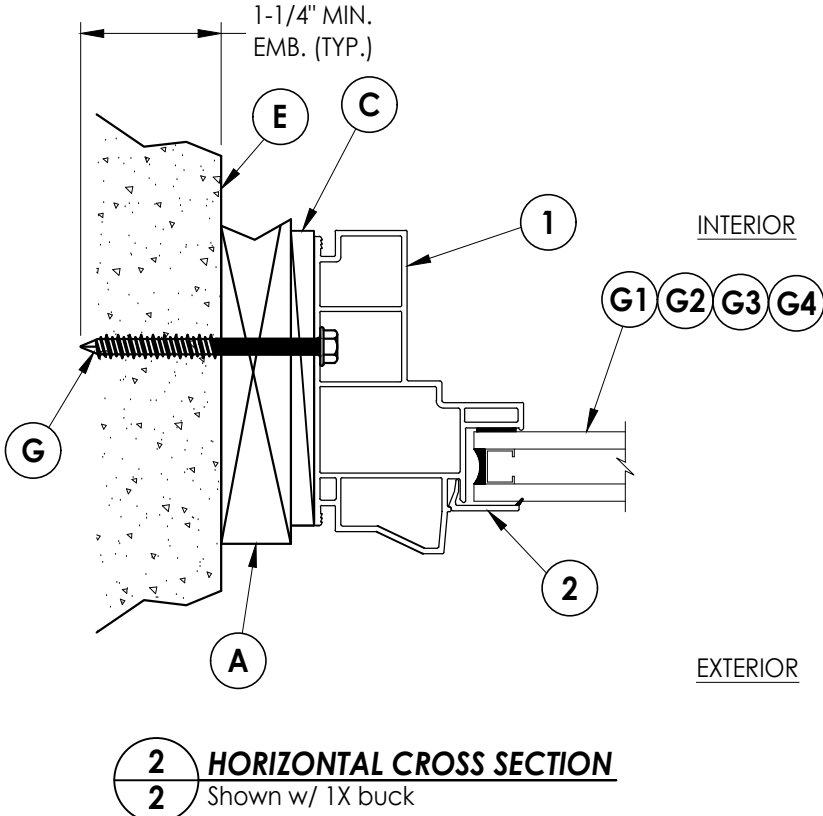
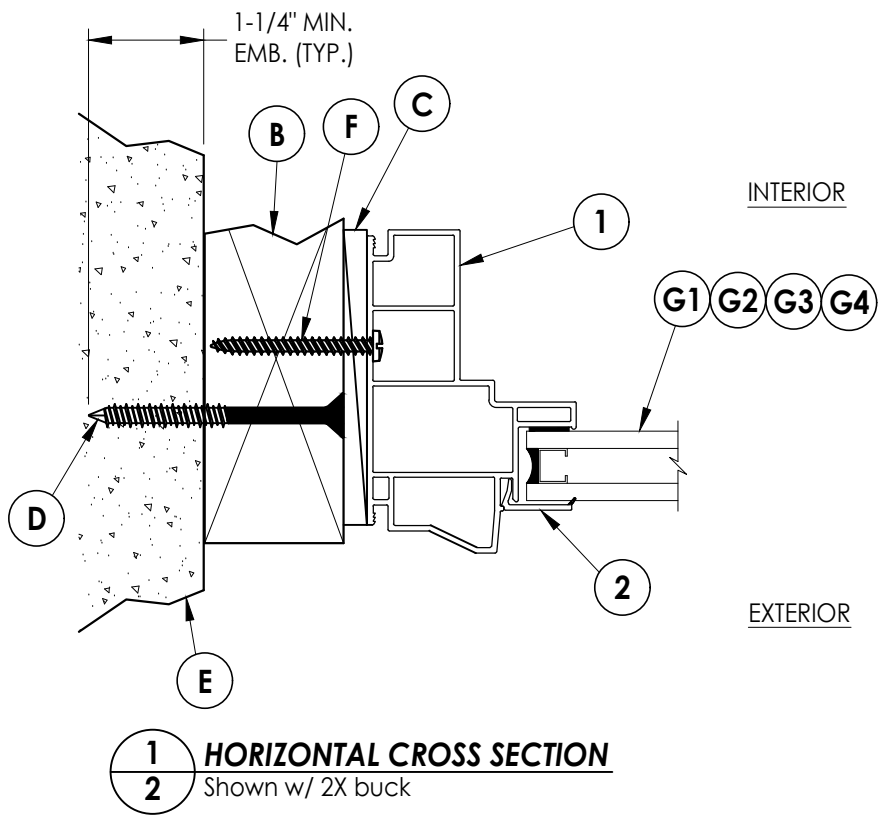
SHEET 1 OF 4

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

REVISIONS

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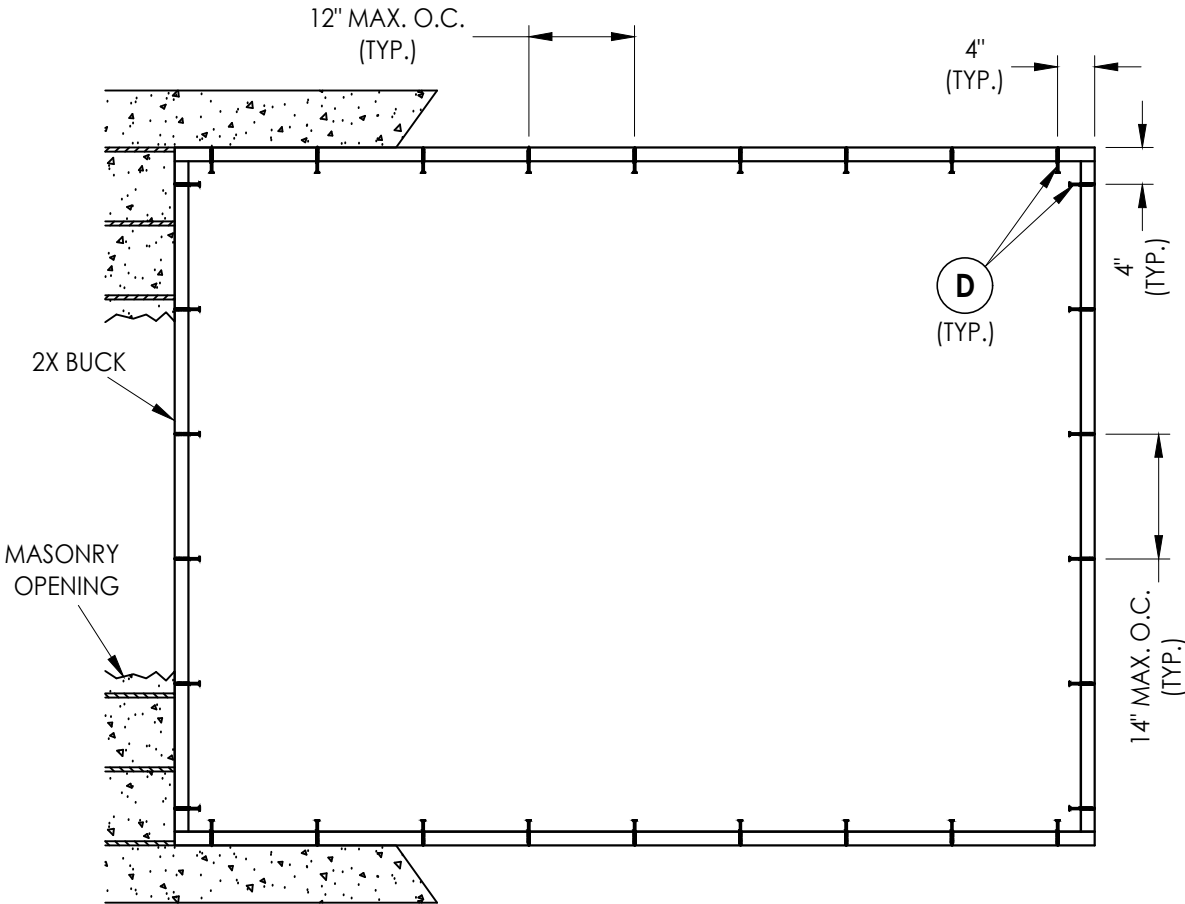


DATE:	4/16/26
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-48168.2
SHEET	2 OF 4

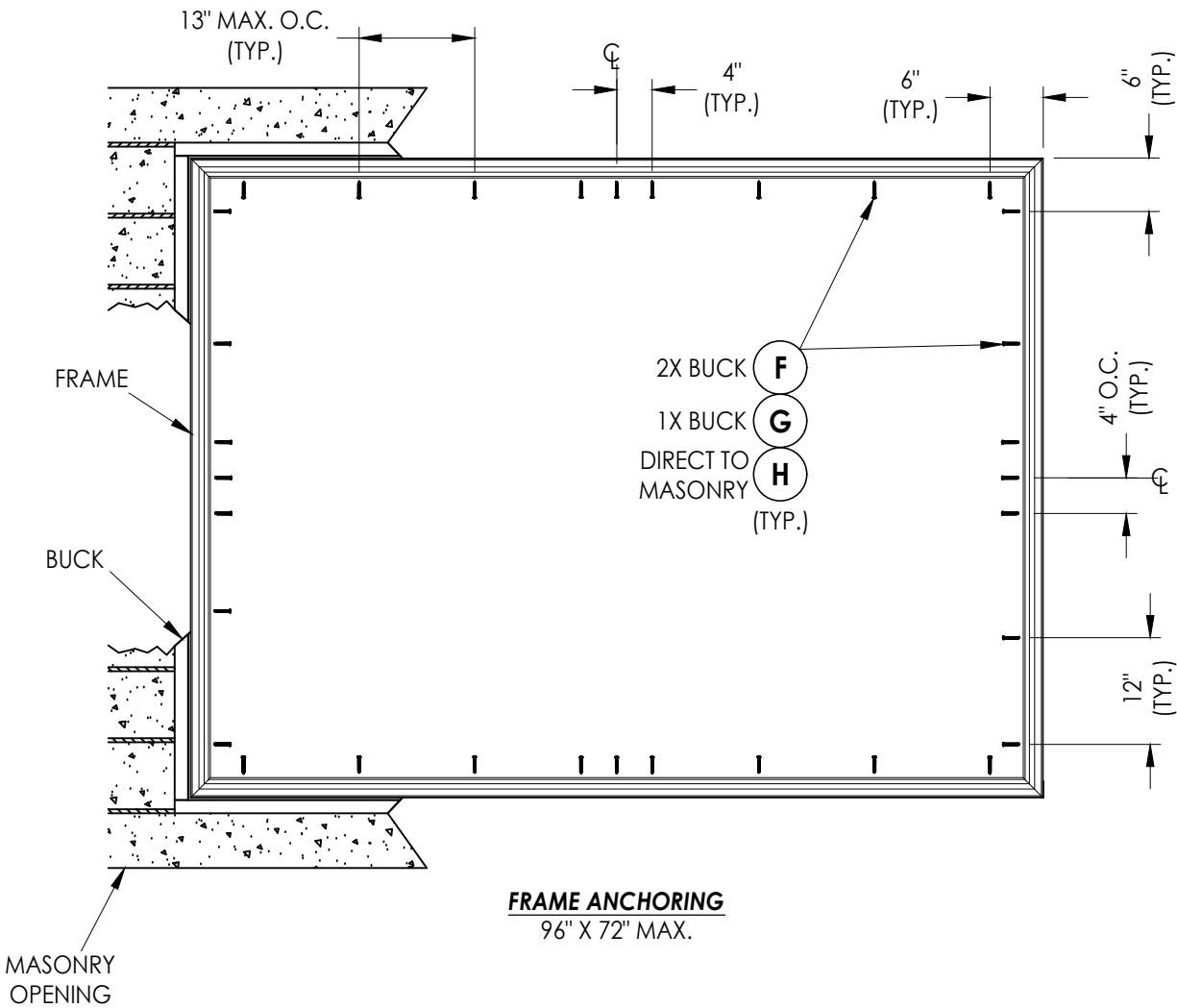
PRODUCT:	5400/5400S SERIES
PART OR ASSEMBLY:	HORIZONTAL CROSS SECTIONS

Documents Prepared By:	Lyndon F. Schmidt P.E. No. 43409
	<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813

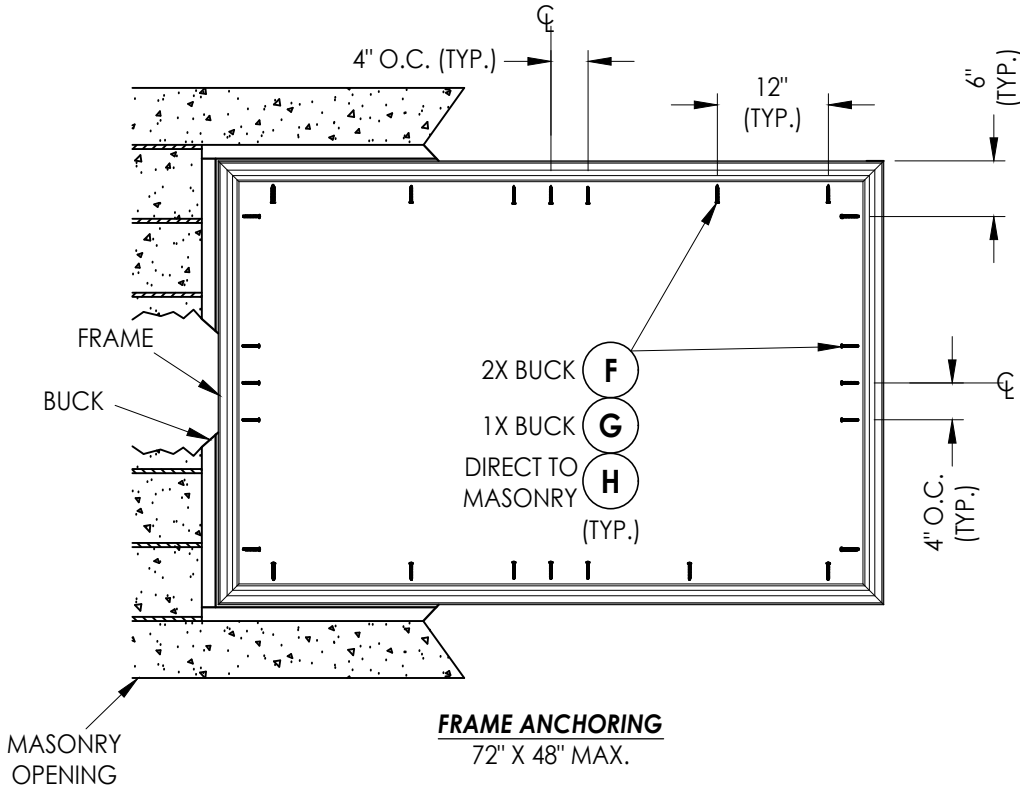
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BUCK ANCHORING
96" X 72" MAX.



FRAME ANCHORING
96" X 72" MAX.



FRAME ANCHORING
72" X 48" MAX.

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
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:

- 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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P.O. Box 230, Vairico, FL 33595
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PRODUCT: 5400/5400S SERIES

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

REVISIONS	
NO.	DATE
1	7/30/26
	UPDATE TO 9TH ED. (2026) FBC
	LFS
	BY

DATE: 4/16/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

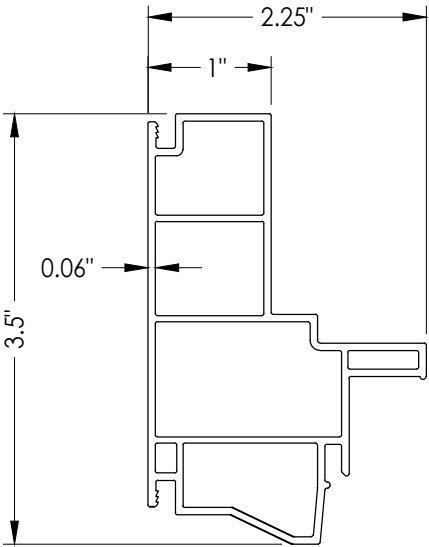
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SHEET 3 OF 4

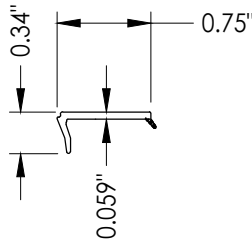
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH WOOD SCREW (1-7/16" 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 (5400 SERIES) *	PVC
2	GLAZING BEAD *	PVC

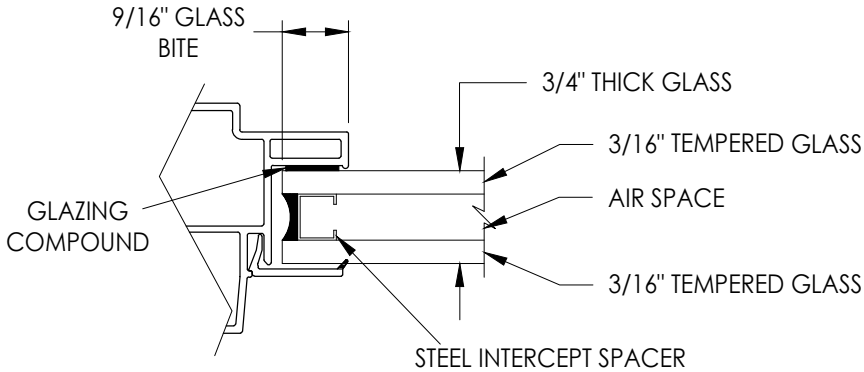
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



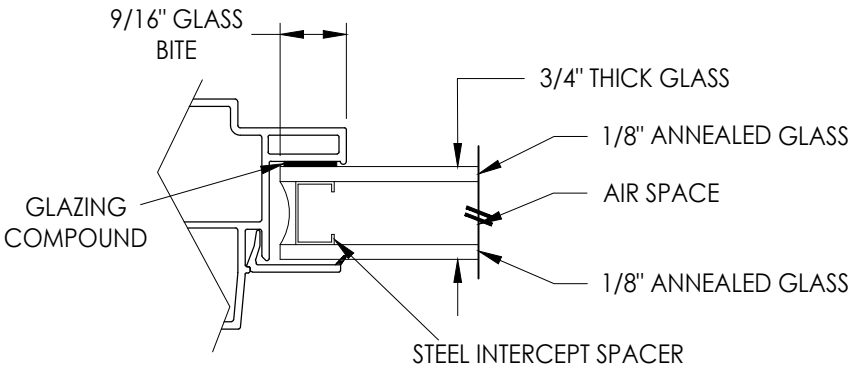
1 FRAME (5400 Series)



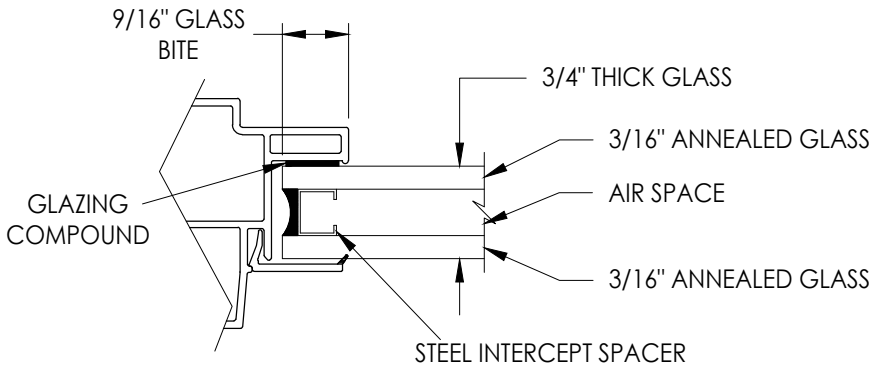
2 GLAZING BEAD



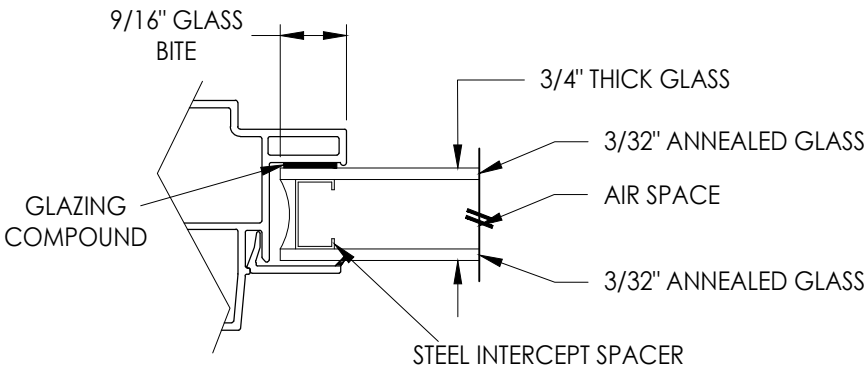
G1 GLAZING DETAIL



G3 GLAZING DETAIL



G2 GLAZING DETAIL



G4 GLAZING DETAIL

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PRODUCT: 5400/5400S SERIES

PART OR ASSEMBLY:
BILL OF MATERIALS, COMPONENTS
AND GLAZING DETAILS

NO.	DATE	BY	LFS	FBC	UPDATE TO 9TH ED. (2026)
1	7/30/26				

REVISIONS

DATE: 4/16/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

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SHEET 4 OF 4