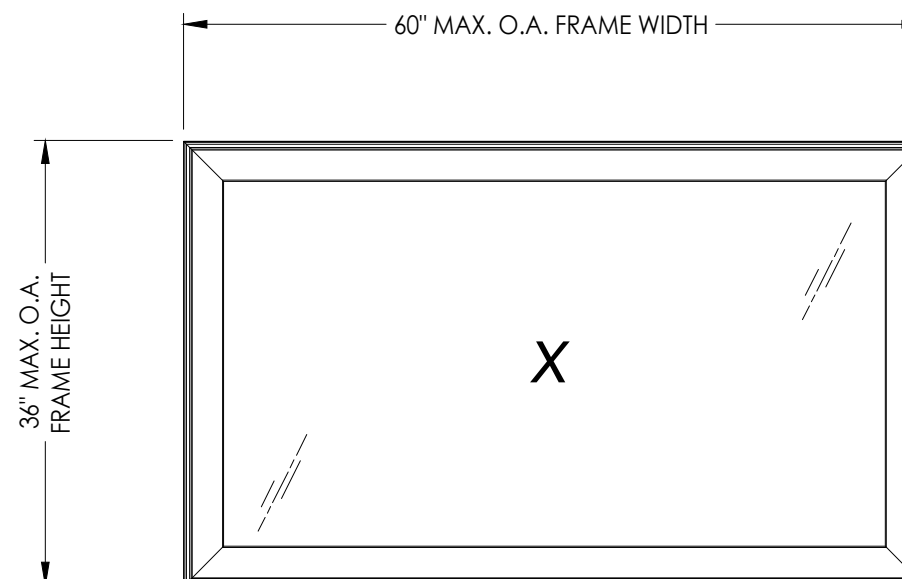


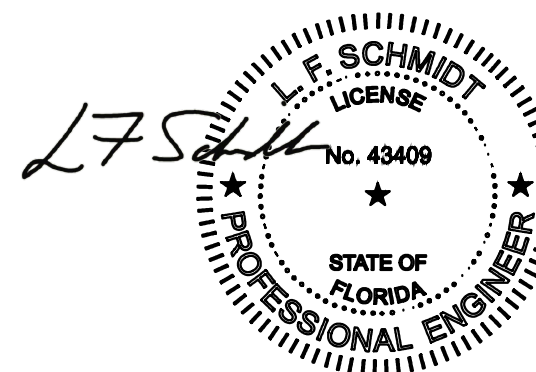
GENERAL NOTES

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 and frame anchoring
4	Bill of materials, components and glazing detail



MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
60.0" X 36.0"	53.5" X 29.5"	G1	+50.0	-50.0
60.0" X 36.0"	53.5" X 29.5"	G2	+55.0	-55.0



Digitally
signed by
Lyndon F
Schmidt
Date:
2026.07.27
10:41:24
-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

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33487
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:

8400 SERIES

Vinyl Awning Window

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN

PRESSURES & GENERAL NOTES

7	7/01/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
6	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
5	7/02/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
NO.	DATE			BY	
REVISIONS					

DATE: 8/2/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

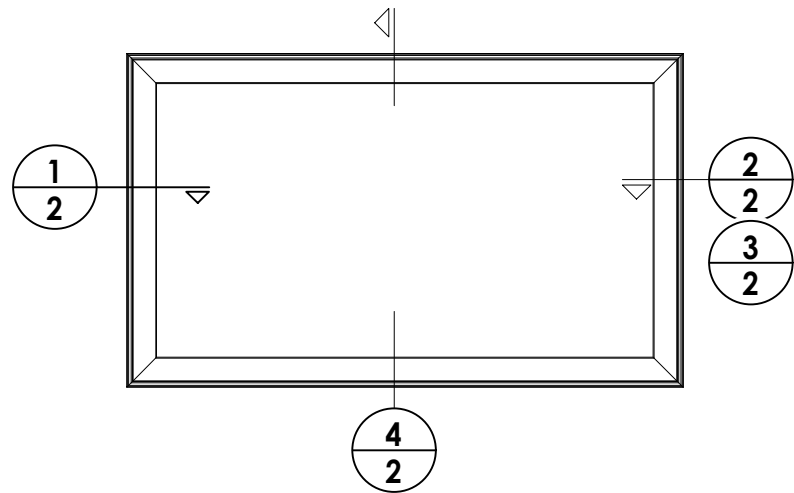
DRAWING NO.:

FL-15818.

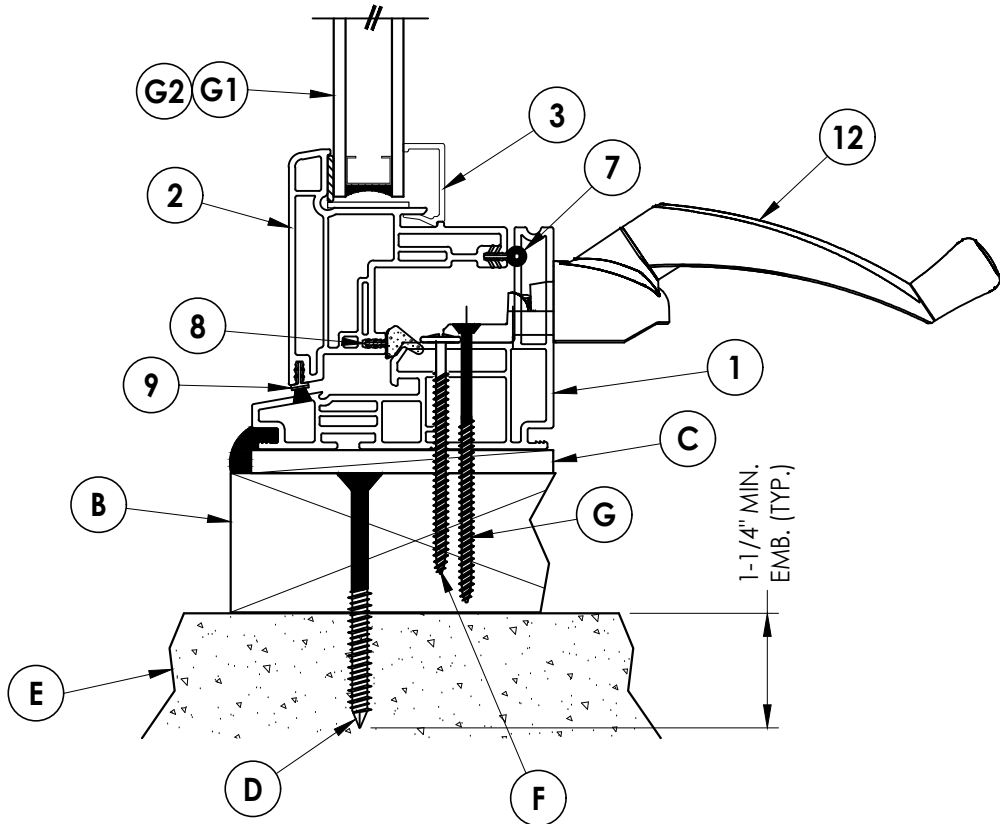
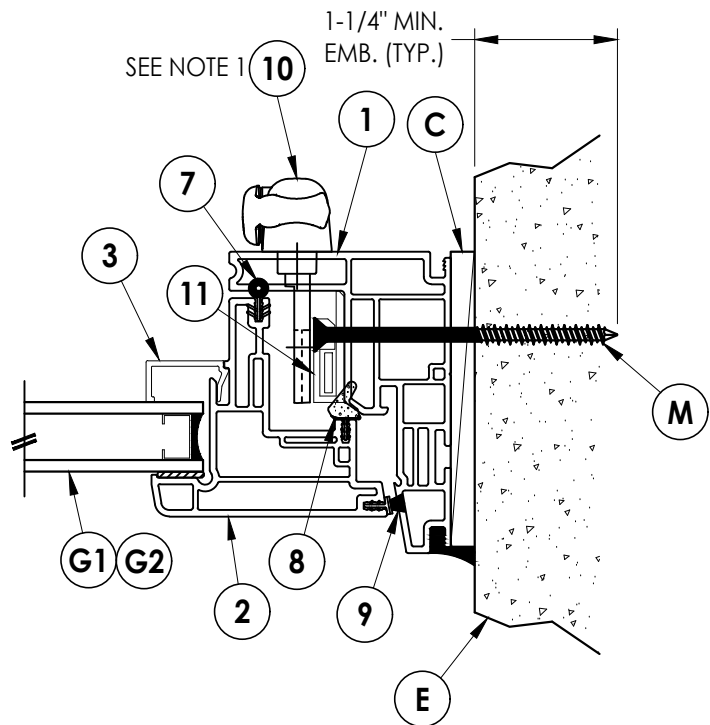
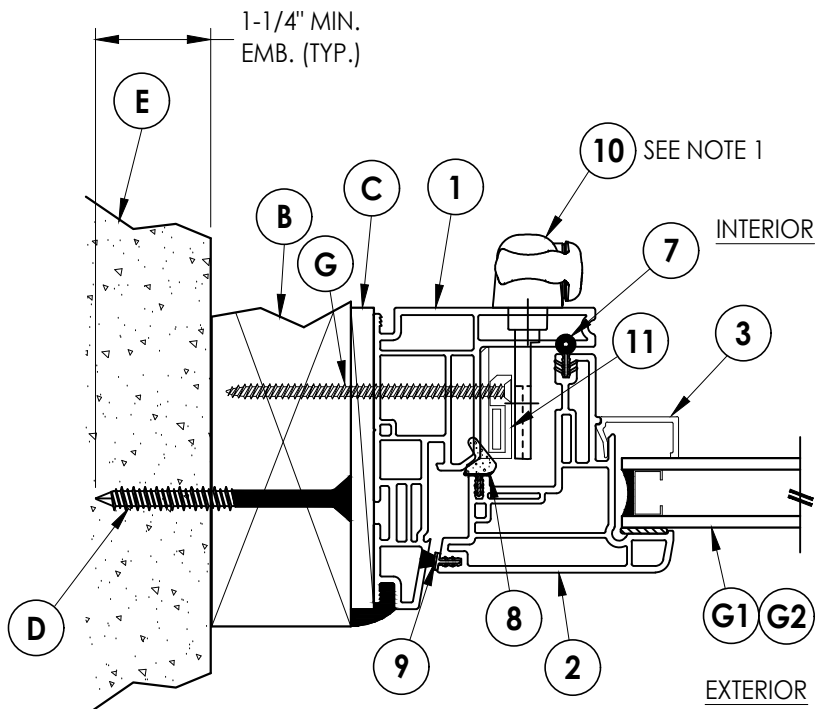
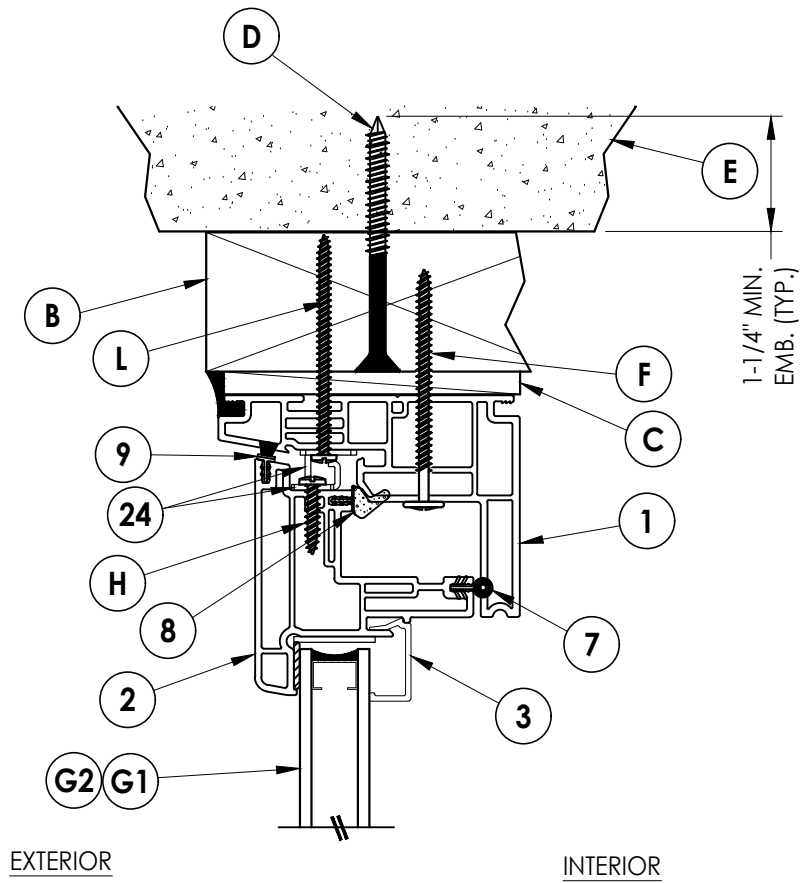
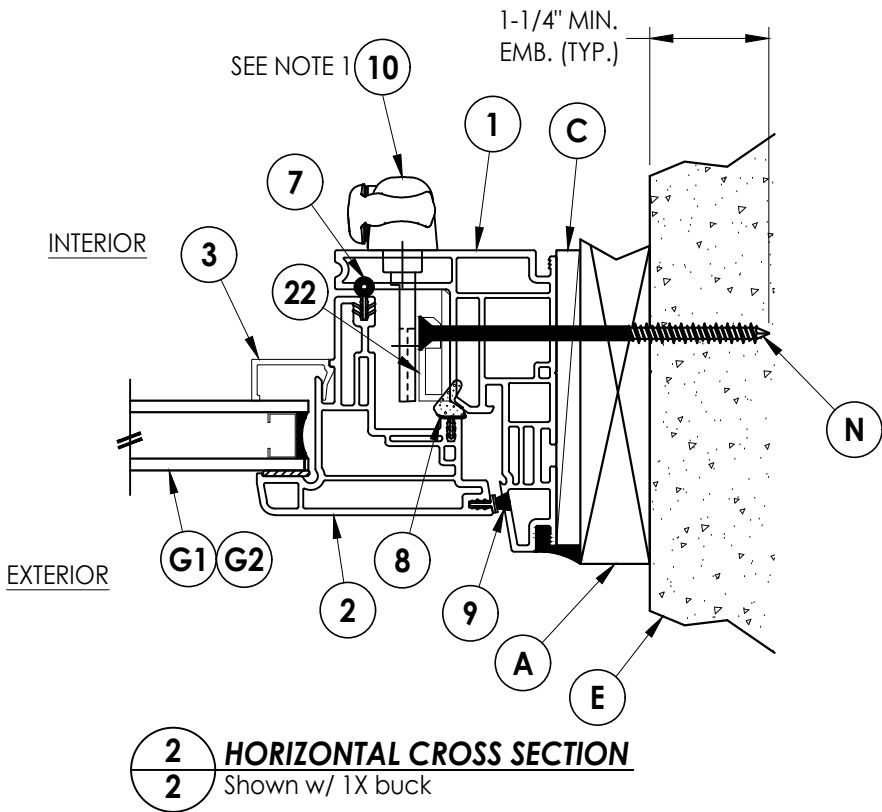
SHEET 1 OF 4

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Note:
1. Locks located @ 9" from
the bottom of each stile.



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FBPE Registry No. 9813

PRODUCT: 8400 SERIES
Vinyl Awning Window

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS
7	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	7/02/20	UPDATE TO 7TH ED. (2020) FBC LFS

DATE: 8/2/12

SCALE: N.T.S.

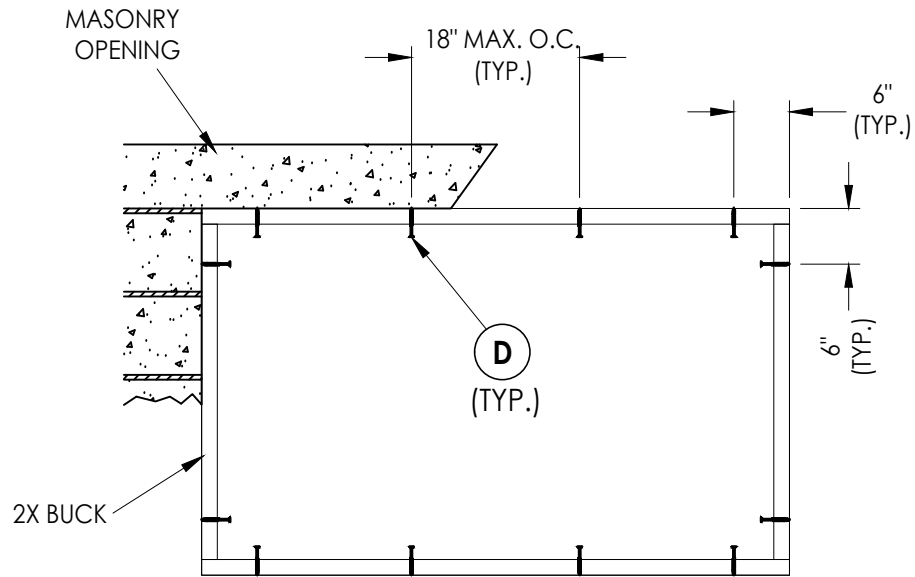
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CHK. BY: LFS

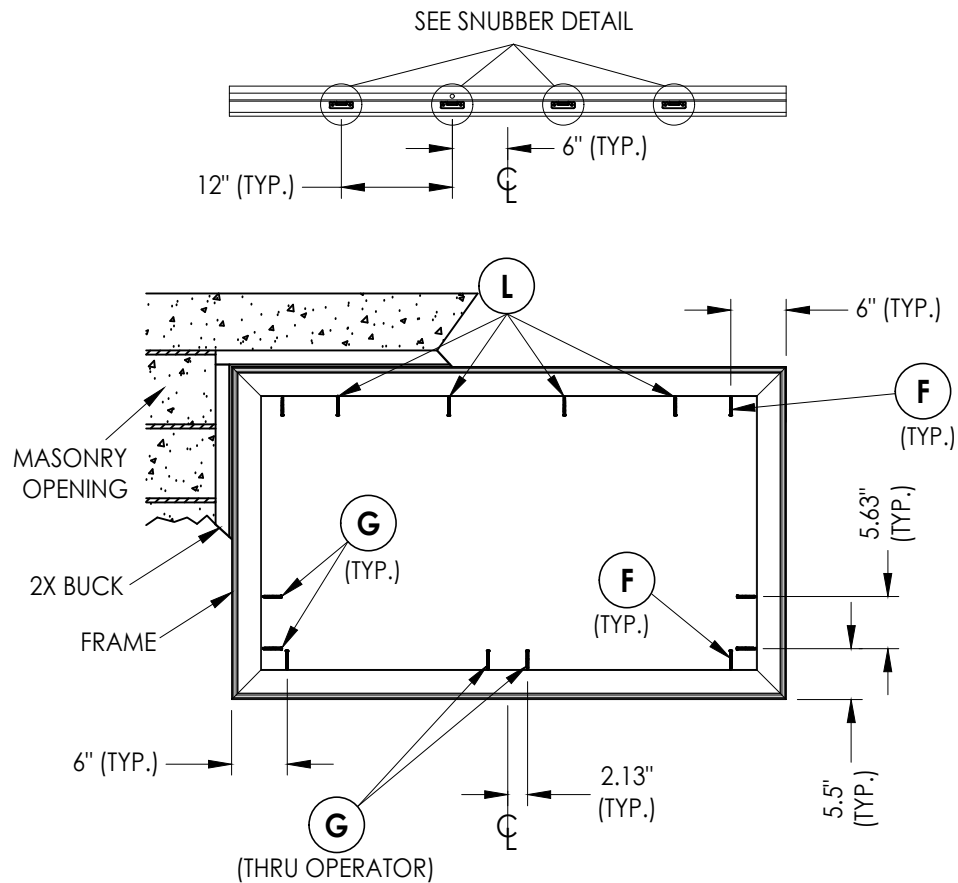
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SHEET 2 OF 4

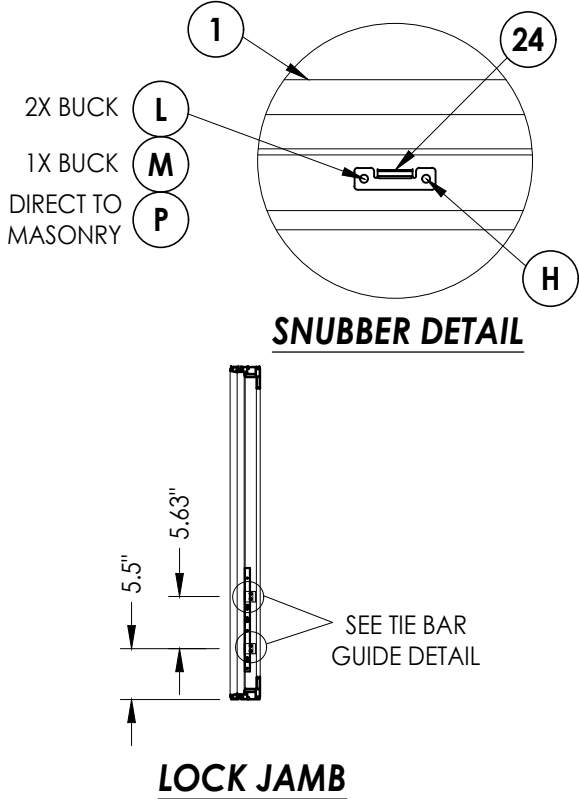
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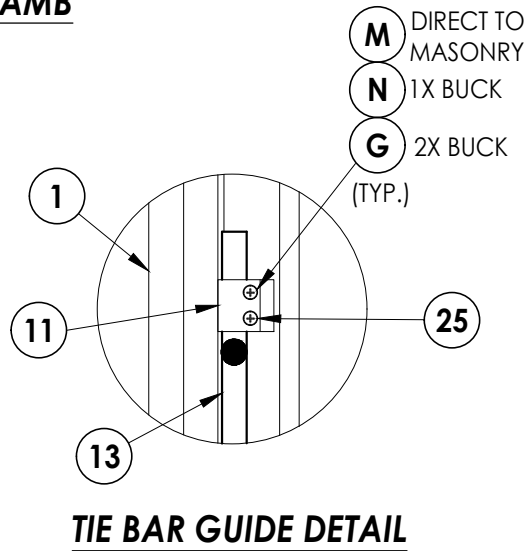
BUCK ANCHORING



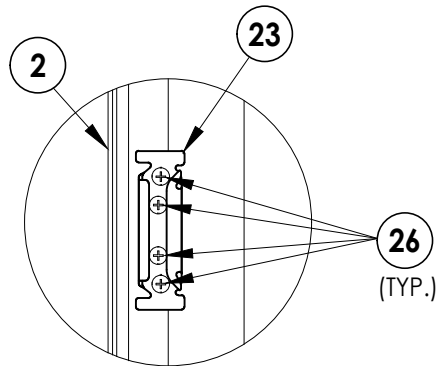
FRAME ANCHORING
2X Buck



LOCK JAMB



TIE BAR GUIDE DETAIL



KEEPER DETAIL

Located 4" above bottom of each sash

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:

- 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®	3/16"	1-1/4"	3"	1-1/2"
	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:
8400 SERIES
Vinyl Awning Window

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

NO.	DATE	REVISIONS
7	7/01/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	7/06/23	UPDATE TO 8TH ED. (2023) FBC LFS
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DATE: 8/2/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

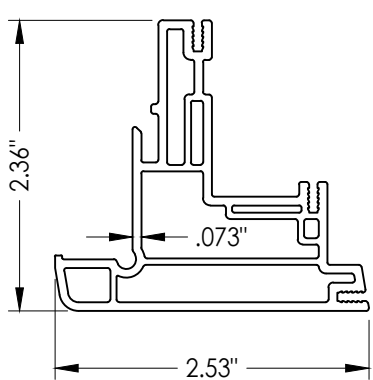
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SHEET 3 OF 4

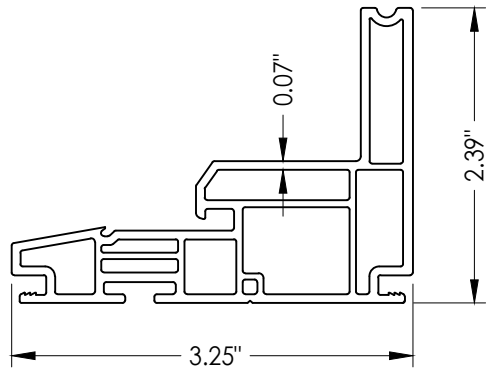
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 2-1/2" MODIFIED TRUSS HEAD SCREW (1-1/8" MIN. EMBEDMENT)	STEEL
G	#8 X 3" PFH WOOD SCREW (1-3/8" MIN. EMBEDMENT)	STEEL
H	#8 X 3/4" PPH SMS	STEEL
J	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#8 X 2-1/2" PPH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
M	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
N	3/16" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
P	3/16" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
1	FRAME*	PVC
2	SASH*	PVC
3	GLAZING BEAD*	PVC
7	WEATHERSTRIP AMESBURY (CS 120 33-SEAL)	FOAM
8	WEATHERSTRIP AMESBURY (12300 SEAL)	VINYL
9	WEATHERSTRIP ULTRA FAB .250 (PILE - 250 - KP52)	VINYL
10	MULTI-POINT LOCK (TRUTH) W1495-20	-
11	TIE BAR GUIDE (TRUTH) 2008741	-
12	OPERATOR (TRUTH) 2006468	-
13	TIE BAR (TRUTH) 2005287	-
23	KEEPER (TRUTH) W1495-01WI1	STEEL
24	SNUBBER (TRUTH) (SASH/FRAME) WCS1-1496-85	-
25	#8 X 1" PFH SMS	STEEL
26	#8 X 1/2" PFH SMS	STEEL

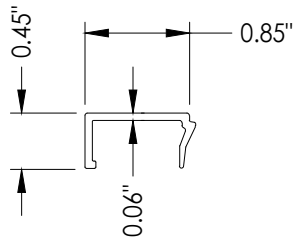
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



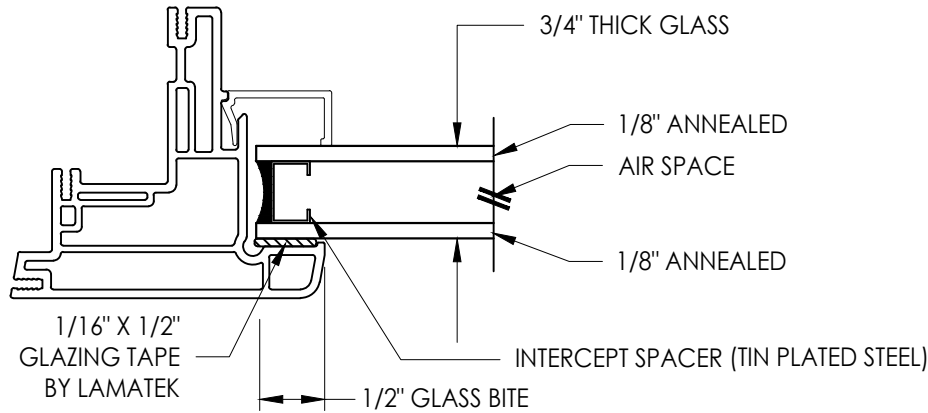
2 SASH



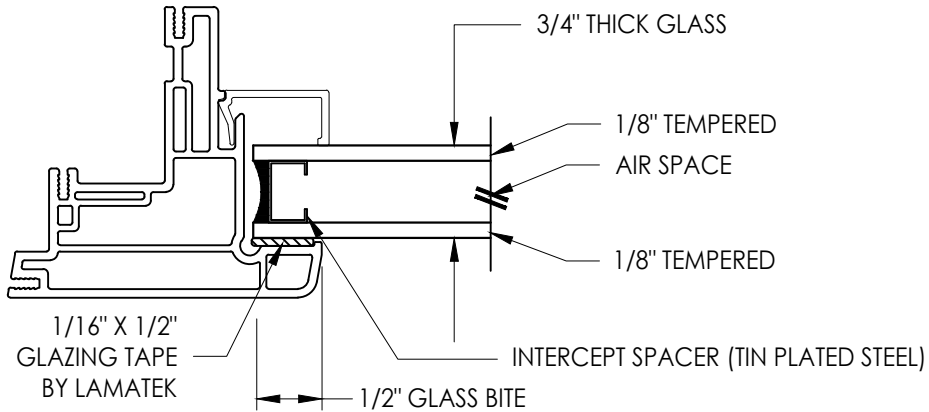
1 FRAME



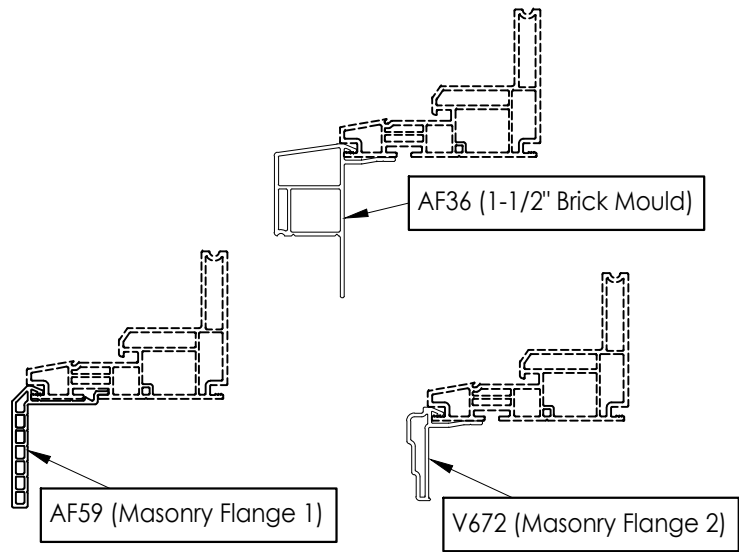
3 GLAZING BEAD



G1 GLAZING DETAIL



G2 GLAZING DETAIL



OPTIONAL COSMETIC FLANGES

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: 8400 SERIES Vinyl Awning Window		PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS AND GLAZING DETAIL	
			REVISIONS