

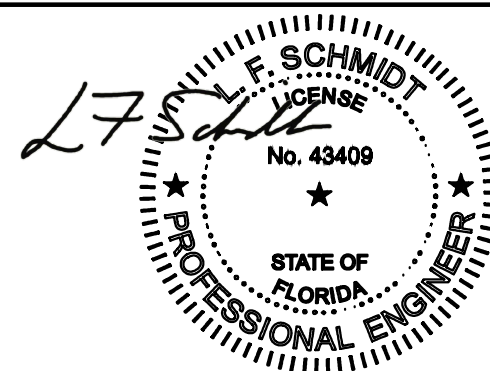


SERIES 1900 MODEL 1920
TWIN SINGLE HUNG WINDOW
w/ NAILING FIN
"NON-IMPACT"

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 must be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. 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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1	Typical elevations, design pressures and general notes
2	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck anchoring
5	Frame anchoring
6	Bill of materials, glazing detail & components



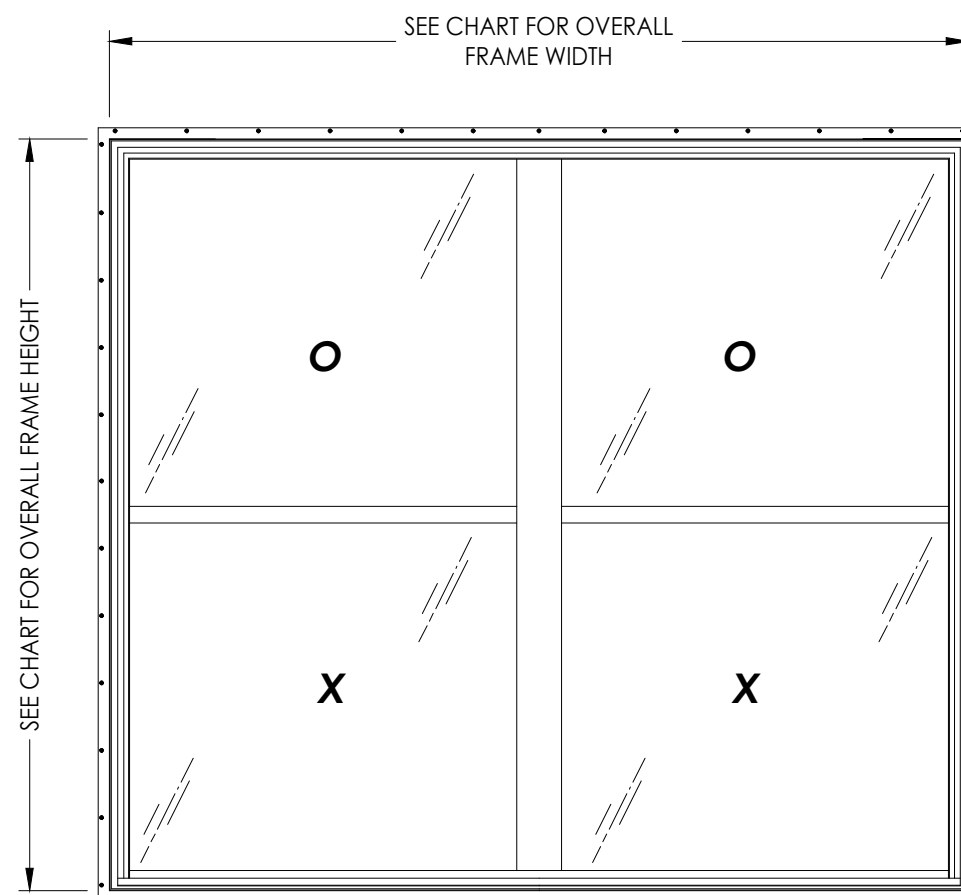
Digitally signed by Lyndon F Schmidt

Date: 2026.08.12 12:26:01 -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



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	FIXED WINDOW OVERALL D.L.O. DIMENSION (O)	SASH OVERALL D.L.O. DIMENSION (X)	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
91.0" x 78.0"	88.0" x 75.0"	39.25" x 34.25"	39.19" x 34.38"	G2	+15.0	-15.0
99.0" x 87.0"	96.0" x 84.0"	43.25" x 38.75"	43.25" x 38.75"	G1	+25.0	-25.0

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT: SINGLE HUNG WINDOW

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURE AND GENERAL NOTES

NO.	7/03/26	DATE	UPDATE TO 9TH ED. (2026)	FBC	LFS BY
REVISIONS					

DATE: 9/20/23

SCALE: N.T.S.

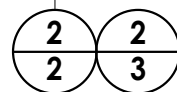
DWG. BY: *RW*

CHK. BY: LFS

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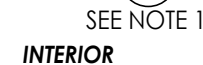
FL-10465.10

SHEET 1 OF 6



1 **HORIZONTAL CROSS SECTION**

2 2x Buck Construction



2 **VERTICAL CROSS SECTION**
2 2x Buck Construction

REINFORCEMENT NOTES:

1. LOCK & MEETING RAIL REINFORCEMENTS ARE REQUIRED FOR ALL WINDOW FRAME SIZES.
2. SASH STILE & BOTTOM RAIL REINFORCEMENTS ARE REQUIRED FOR EACH OF THE FOLLOWING:
 - A. ALL WINDOW FRAME SIZES > 88" x 75".
 - B. ALL WINDOW FRAME SIZES WITH DESIGN PRESSURE > 15 PSF.

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PRODUCT: SINGLE HUNG WINDOW

PART OR ASSEMBLY:

**VERTICAL & HORIZONTAL
CROSS SECTIONS**

1	7/03/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
NO.	DATE	REVISIONS		
				BY

DATE: 9/20/23

SCALE: N.T.S.

DWG. BY: *RW*

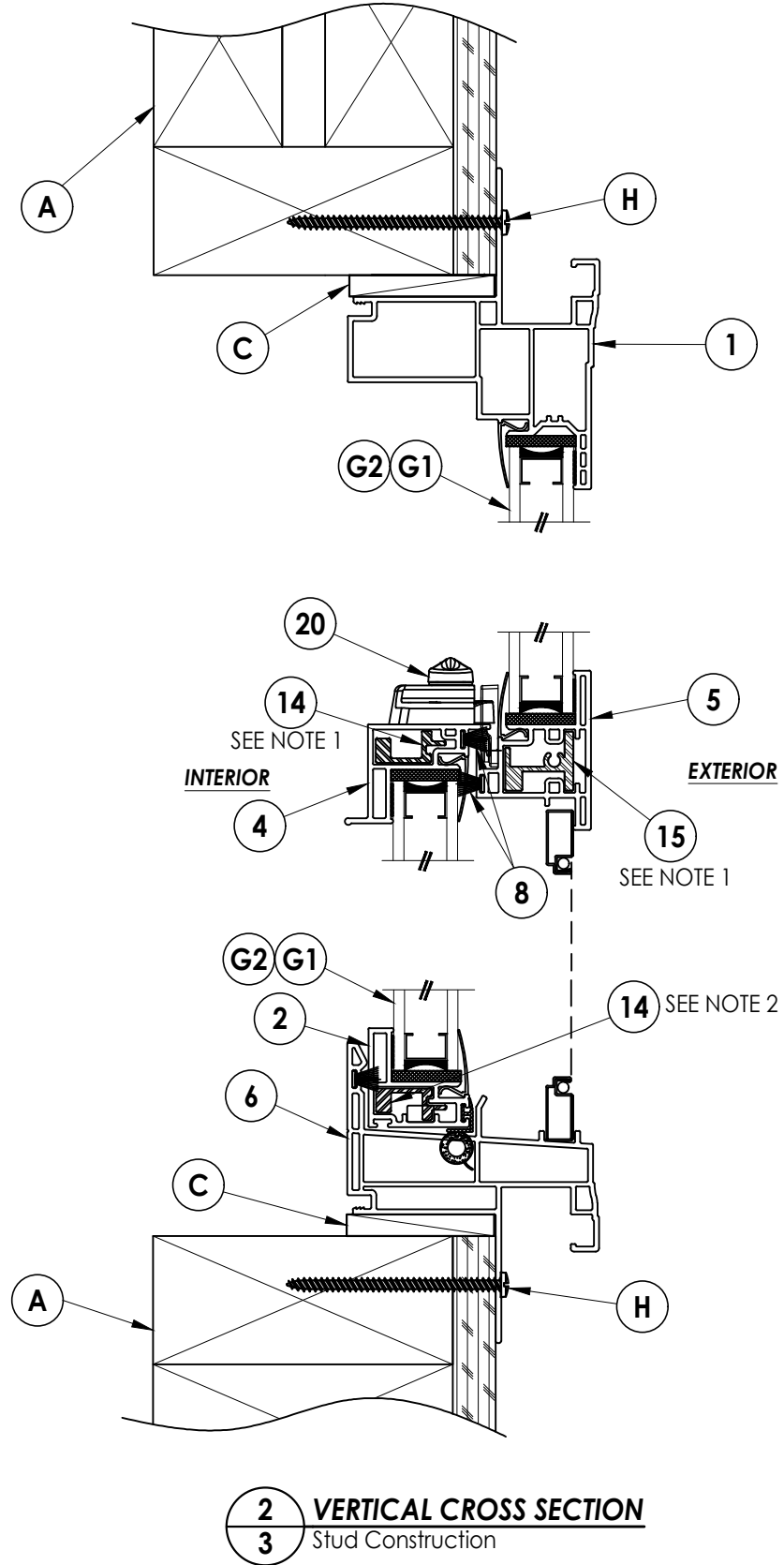
CHK. BY: LFS

DRAWING NO.:

FL-10465.16

SHEET 2 OF 6

3 **VERTICAL CROSS SECTION**
3 Steel Stud Construction



2 VERTICAL CROSS SECTION

3 Stud Construction

1. LOCK & MEETING RAIL REINFORCEMENTS ARE REQUIRED FOR ALL WINDOW FRAME SIZES.
2. SASH STILE & BOTTOM RAIL REINFORCEMENTS ARE REQUIRED FOR EACH OF THE FOLLOWING:
 - A. ALL WINDOW FRAME SIZES > 88" x 75".
 - B. ALL WINDOW FRAME SIZES WITH DESIGN PRESSURE > 15 PSF.

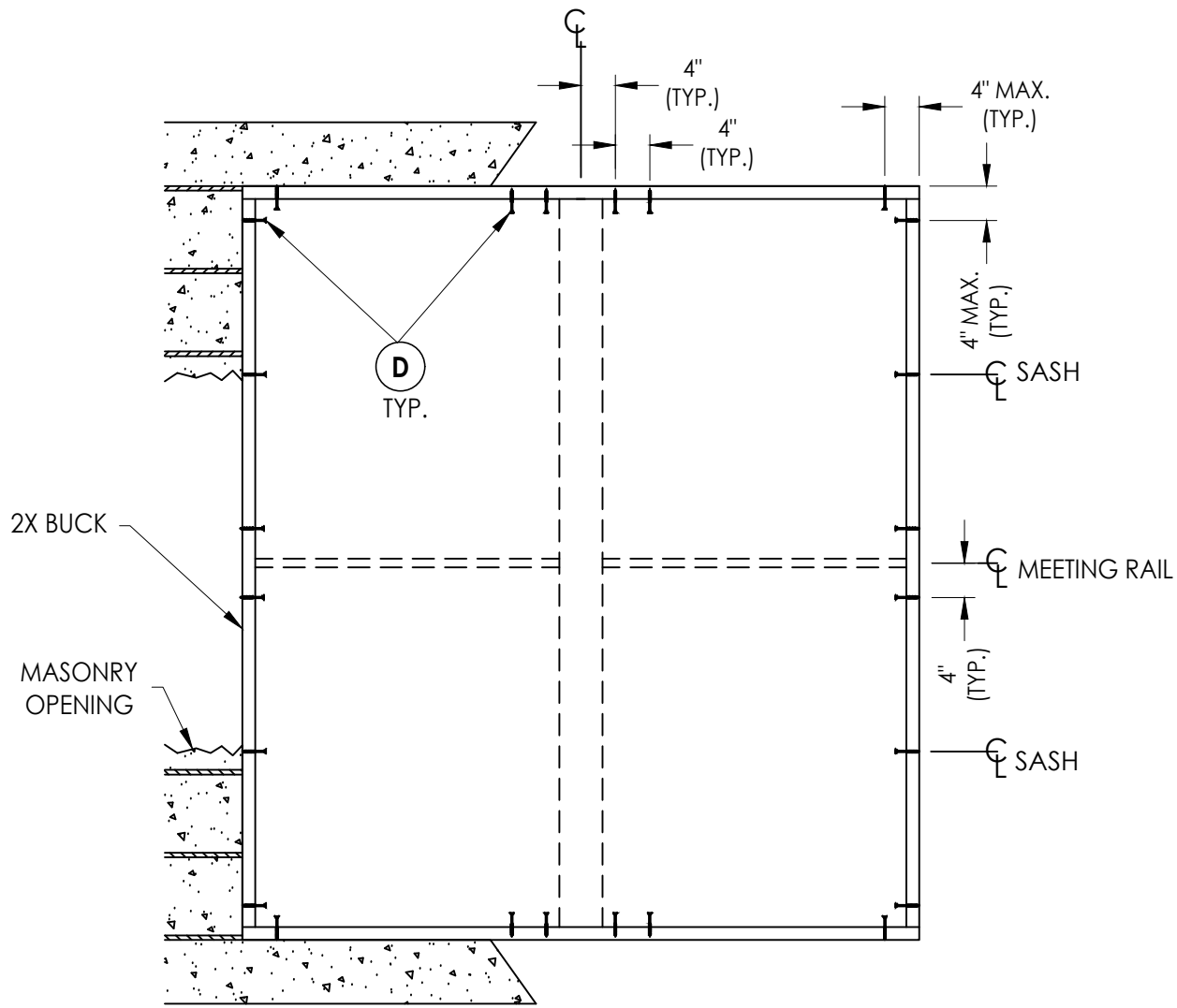
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PART OR ASSEMBLY:

VERTICAL & HORIZONTAL
CROSS SECTIONS

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BUCK 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"

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.

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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SINGLE HUNG WINDOW

PART OR ASSEMBLY:
BUCK ANCHORING

DATE: 9/20/23

SCALE: N.T.S.

DWG. BY: RW

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DRAWING NO.: FL-10465.16

SHEET 4 OF 6

REVISIONS

NO.	DATE	DESCRIPTION	BY
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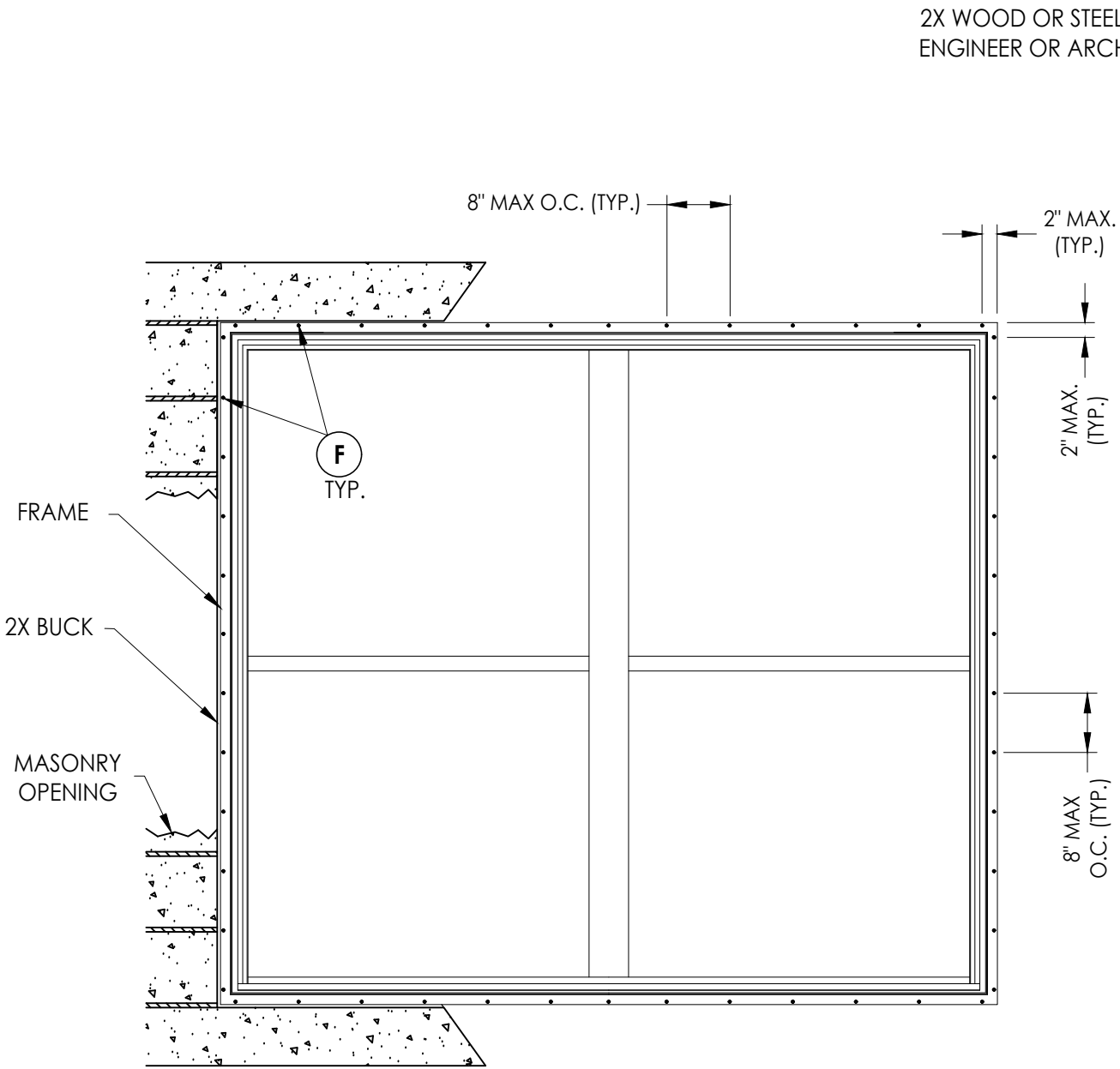
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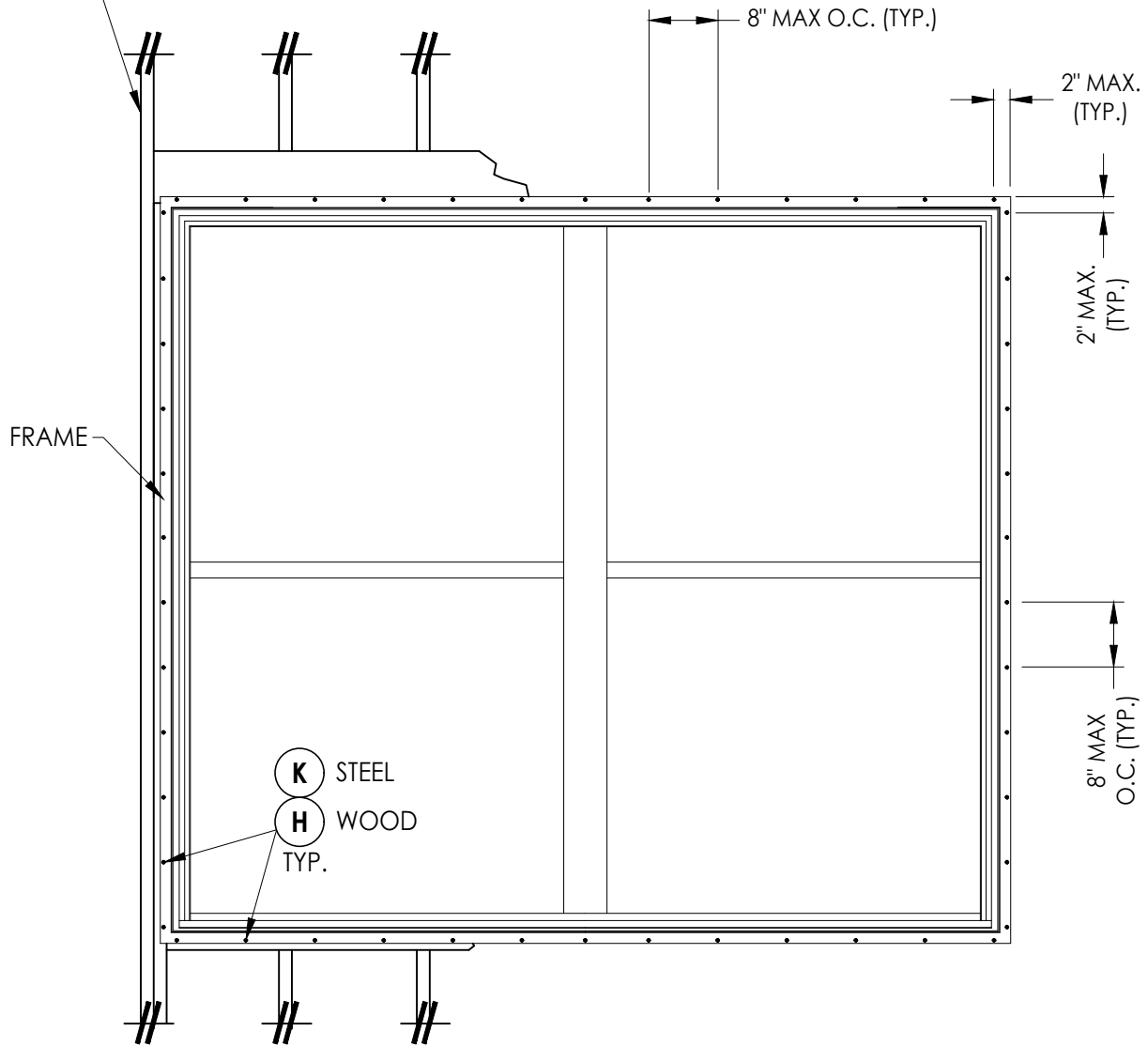
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FRAME ANCHORING
Masonry 2X Buck Construction

2X WOOD OR STEEL STUD FRAMING TO BE DESIGNED BY THE
ENGINEER OR ARCHITECT OF RECORD.



FRAME ANCHORING
Stud Construction

DATE:	9/20/23
SCALE:	N.T.S.
DWG. BY:	RW
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SHEET	5 of 6

1	7/03/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
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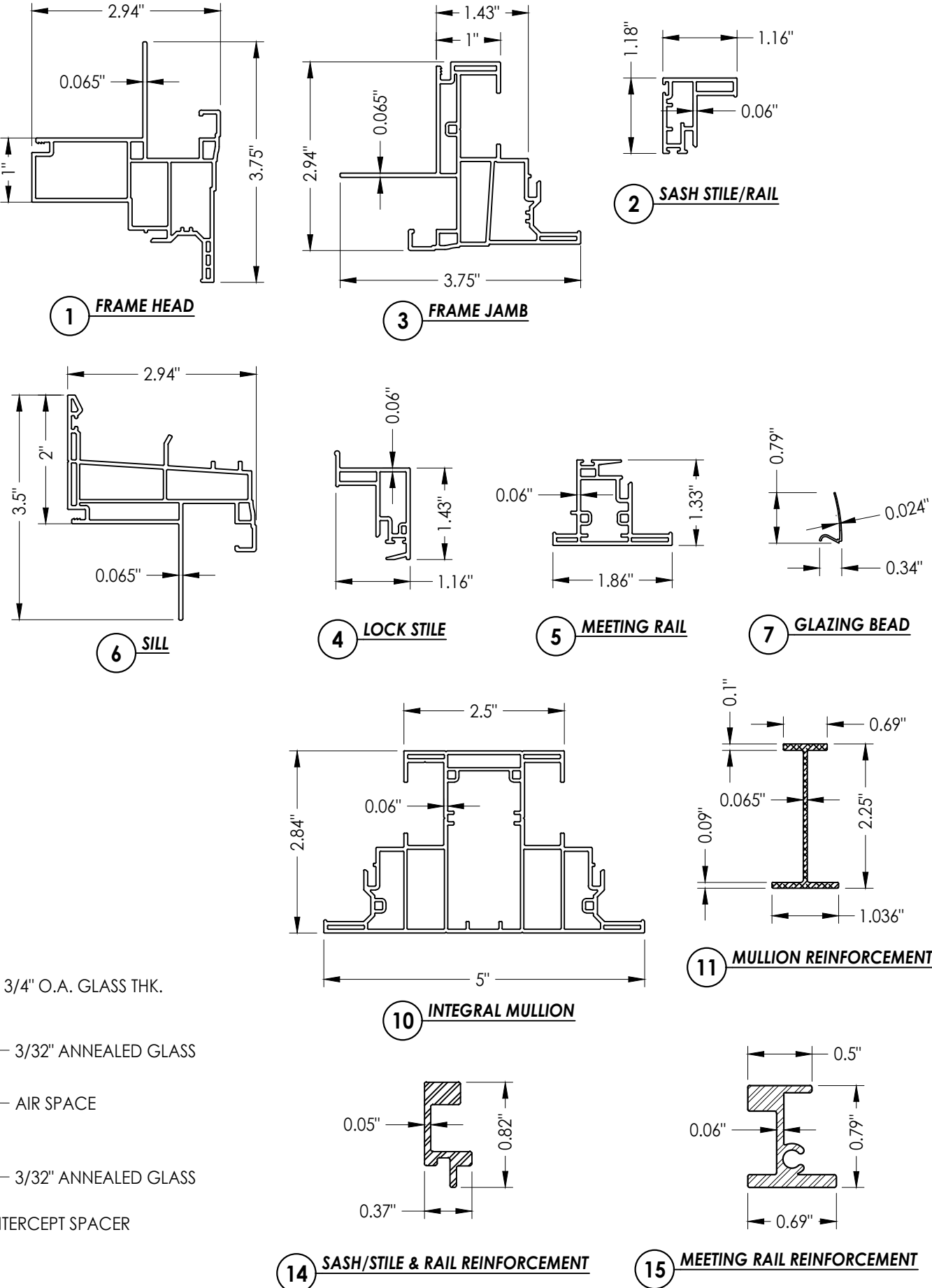
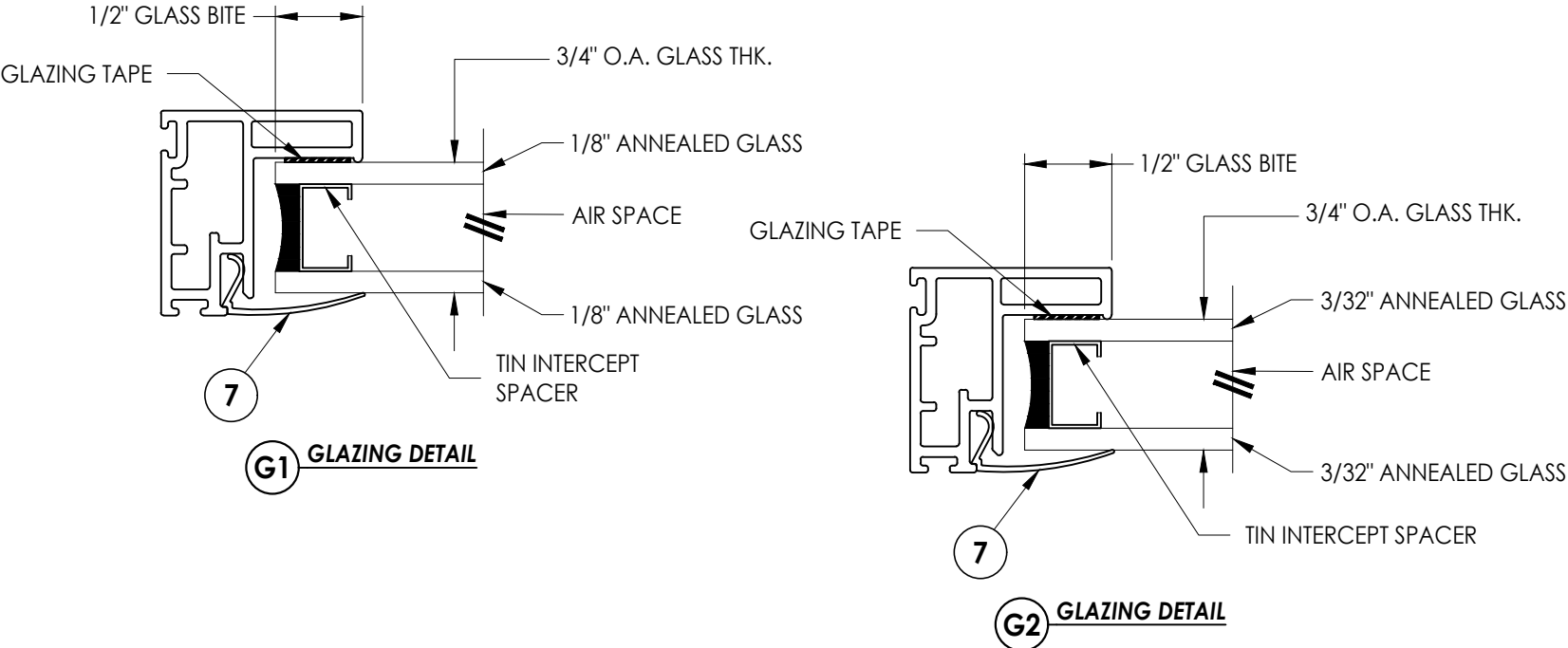
PRODUCT:	SINGLE HUNG WINDOW
PART OR ASSEMBLY:	FRAME ANCHORING

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (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" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
H	#8 X 2-1/2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	EXTRUDED VINYL FRAME HEAD*	RIGID PVC
2	EXTRUDED VINYL SASH STILE/RAIL*	RIGID PVC
3	EXTRUDED VINYL FRAME JAMB*	RIGID PVC
4	EXTRUDED VINYL LOCK STILE*	RIGID PVC
5	EXTRUDED VINYL MEETING RAIL*	RIGID PVC
6	EXTRUDED VINYL SILL*	RIGID PVC
7	EXTRUDED VINYL GLAZING BEAD*	RIGID PVC
8	WEATHERSTRIP (FIN PILE)	-
10	INTEGRAL MULLION*	RIGID PVC
11	MULLION REINFORCEMENT (S-048)(6005A-T5)	ALUM
14	SASH / STILE & RAIL REINFORCEMENT (S-047)(6063-T5)	ALUM
15	MEETING RAIL REINFORCEMENT (S-065)(6063-T5)	ALUM
20	CAM LOCK	-

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



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PRODUCT:	SINGLE HUNG WINDOW
PART OR ASSEMBLY:	BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS
DATE:	9/20/23
SCALE:	N.T.S.
DWG. BY:	RW
CHK. BY:	LFS
DRAWING NO.:	FL-10465.16
SHEET	6 OF 6

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7/03/26

UPDATE TO 9TH ED. (2026) FBC

NO.

DATE

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