



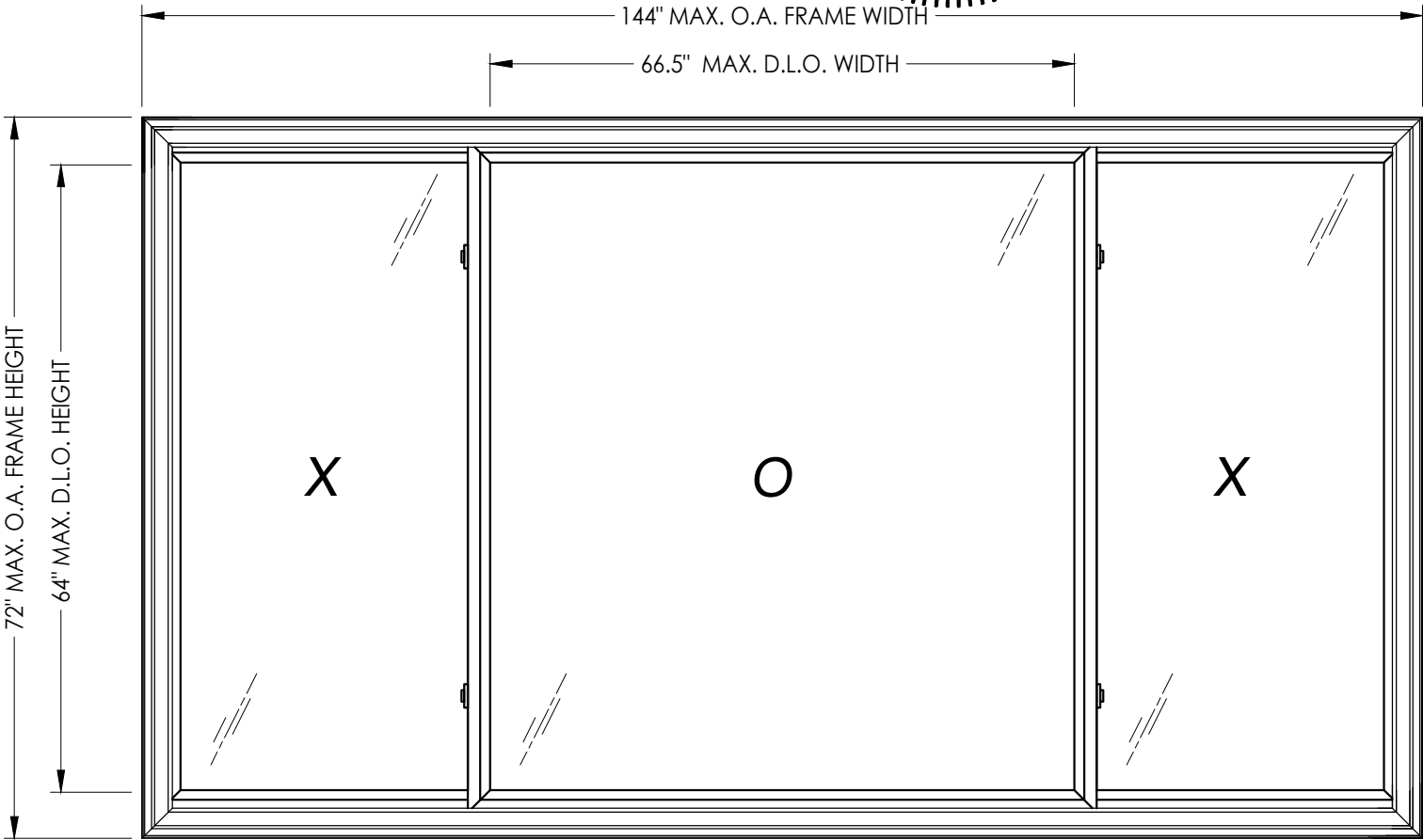
250 Staunton Turnpike, Parkersburg, WV 26104

7700/9900 Series
Vinyl Horizontal Sliding 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 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.

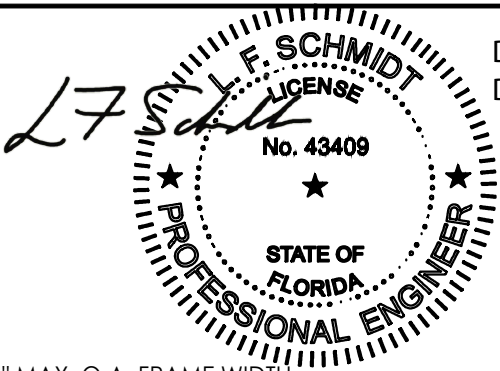
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SHEET#	DESCRIPTION
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2	Horizontal cross sections
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5	Buck and frame anchoring (Max. Frame Width: 96")
6	Bill of materials, components & glazing details



MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
96.0" X 72.0"	42.5" X 64.0"	G1	+25.0	-25.0
120.0" X 63.0"	54.5" X 55.0"	G1	+30.0	-30.0
120.0" X 72.0" *	54.5" X 64.0"	G1	+30.0	-30.0
144.0" X 48.0"	66.5" X 40.0"	G1	+35.0	-35.0
132.0" X 54.0"	60.5" X 46.0"	G1	+40.0	-40.0
96.0" X 48.0"	42.5" X 40.0"	G1	+45.0	-45.0

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

* Note: 120" X 70" frame size requires alternate meeting stile reinforcement



Digitally signed by Lyndon F Schmidt
Date: 2026.07.27 12:12:59 -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

7700/9900 SERIES

7/01/26
7/06/23
4/08/21
7/06/20
6/01/17

6
5
4
3
2

UPDATE TO 9TH ED. (2026)
UPDATE TO 8TH ED. (2023)
ADD FRAME SIZE
UPDATE TO 7TH ED. (2020)
UPDATE TO 6TH ED. (2017)

LFS
LFS
LFS
LFS
LFS

DATE

REVISIONS

Part or Assembly:
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

DATE: 4/25/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

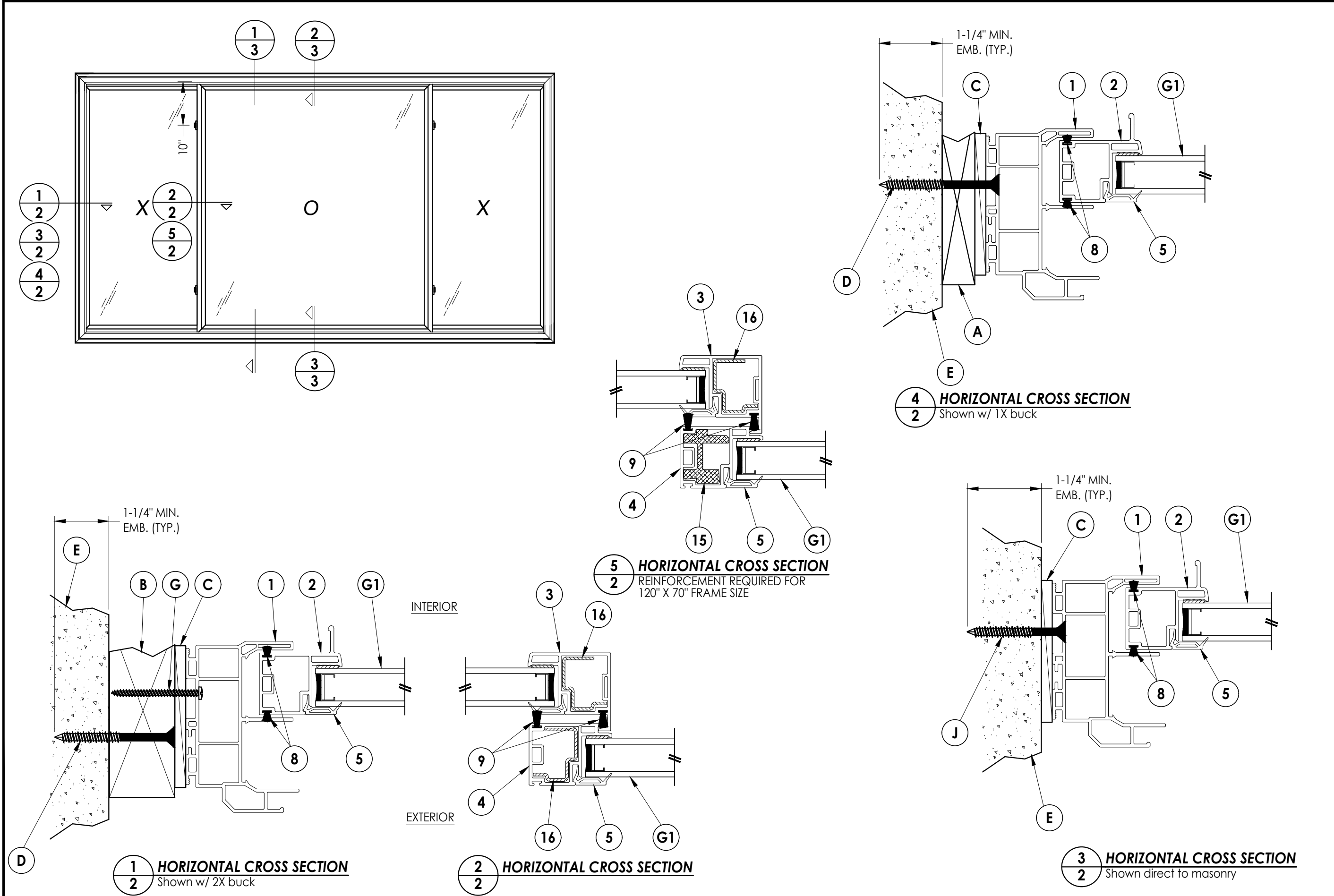
DRAWING NO.: FL-16092.10

SHEET 1 OF 6

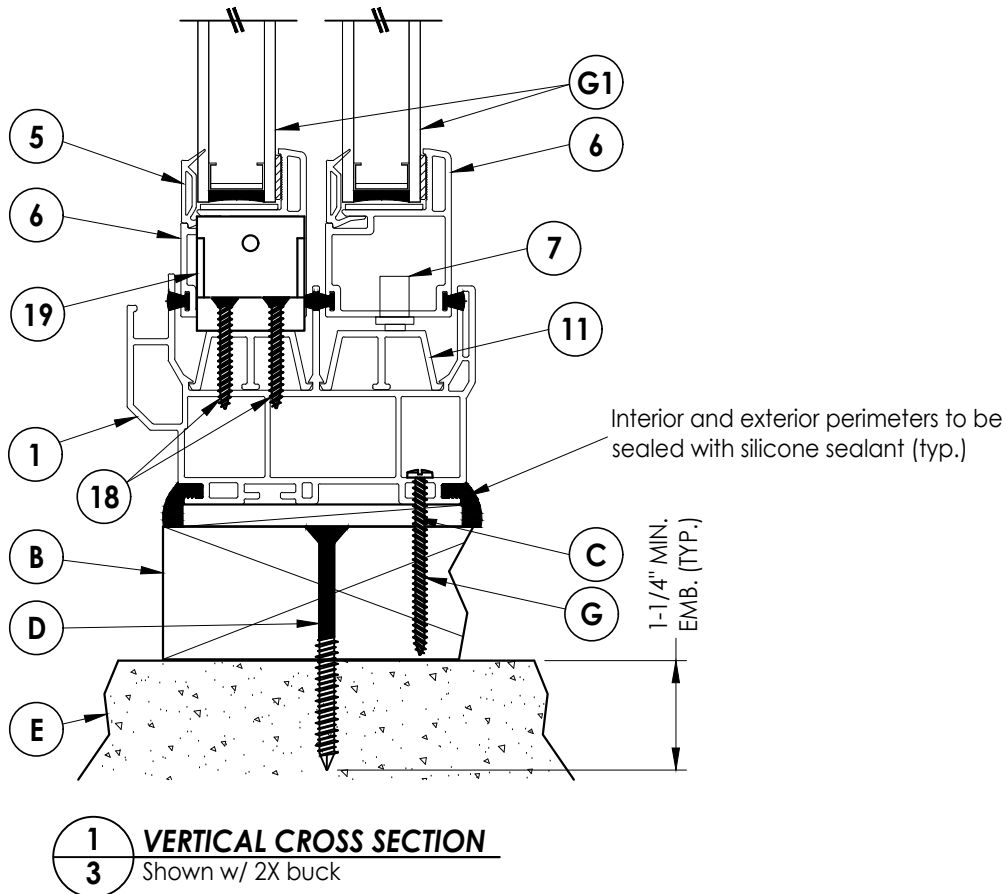
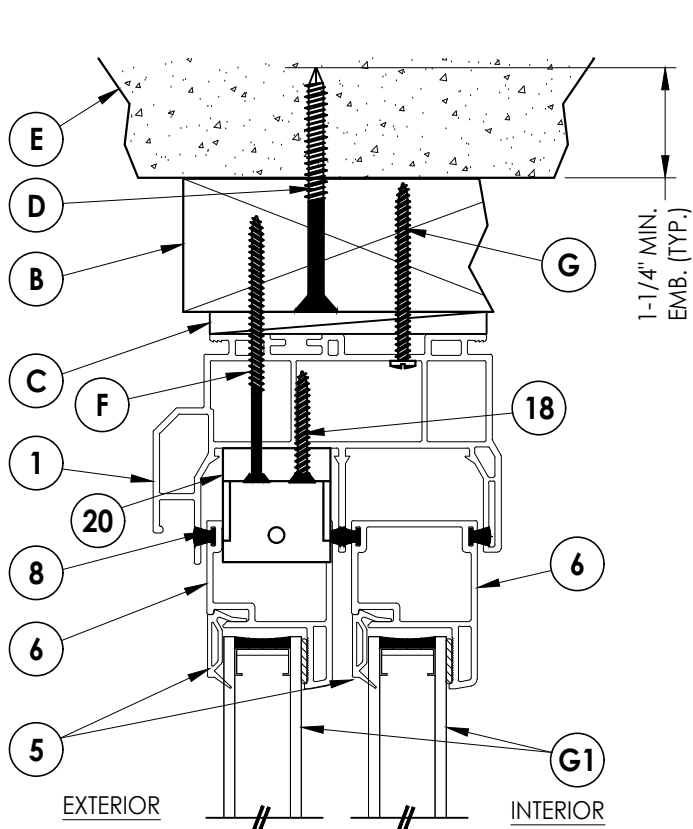
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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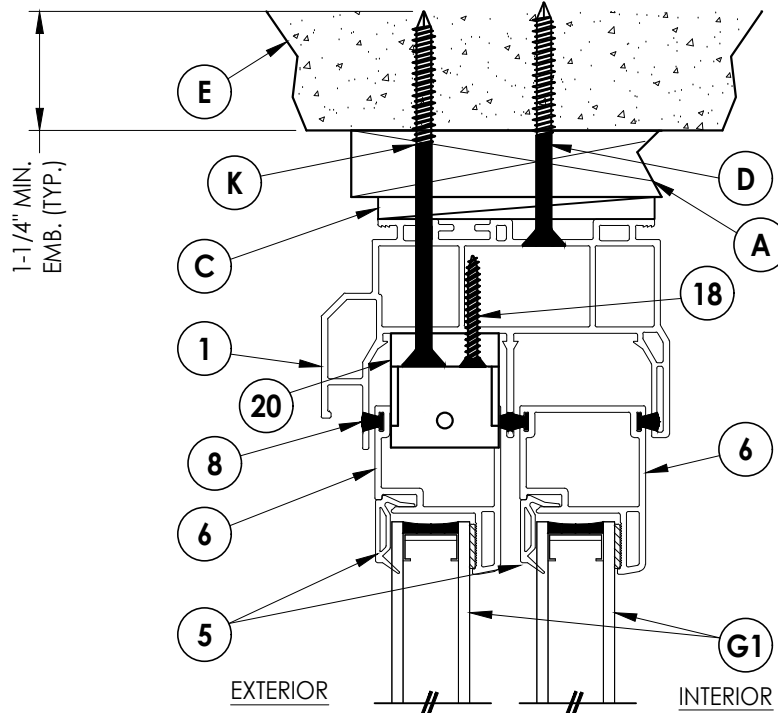
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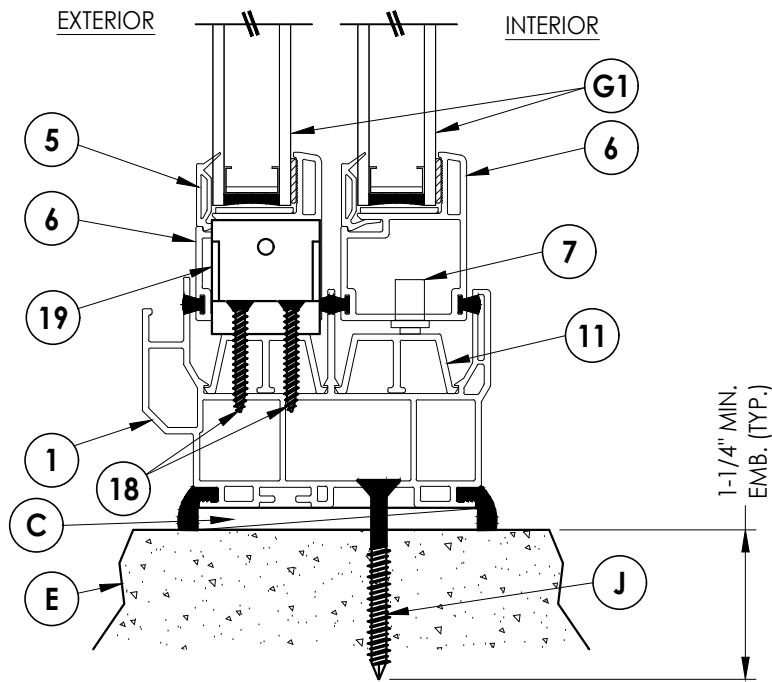
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: 7700/9900 SERIES		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
6	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
5	7/06/23	UPDATE TO 8TH ED. (2023)	FBC
4	4/08/21	ADD FRAME SIZE	LFS
3	7/06/20	UPDATE TO 7TH ED. (2020)	FBC
2	6/01/17	UPDATE TO 6TH ED. (2017)	FBC
NO. DATE		REVISIONS	
DATE: 4/25/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16092.10			
SHEET 2 OF 6			



1 VERTICAL CROSS SECTION
3 Shown w/ 2X buck



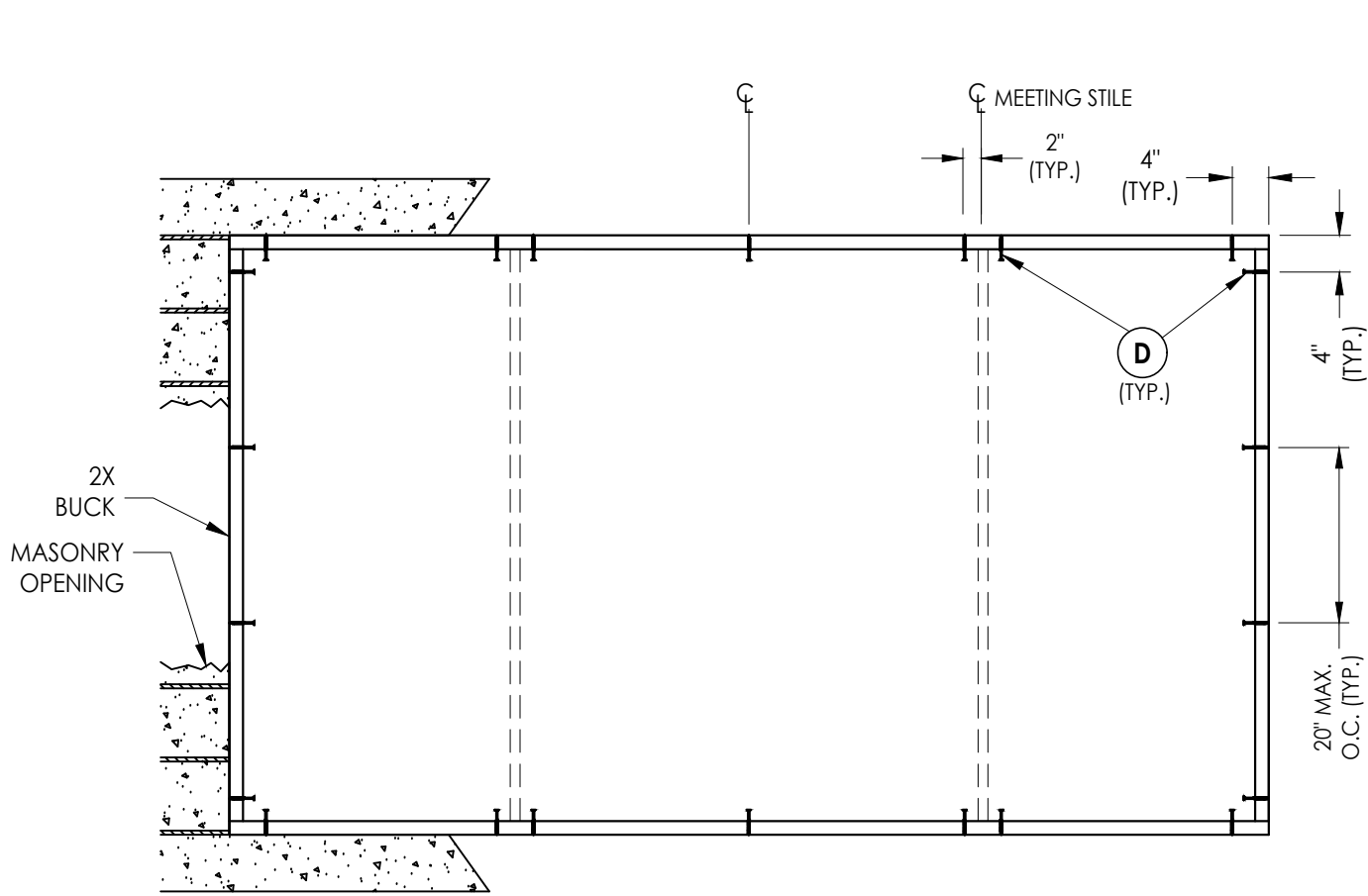
2 VERTICAL CROSS SECTION
3 Shown w/ 1X buck



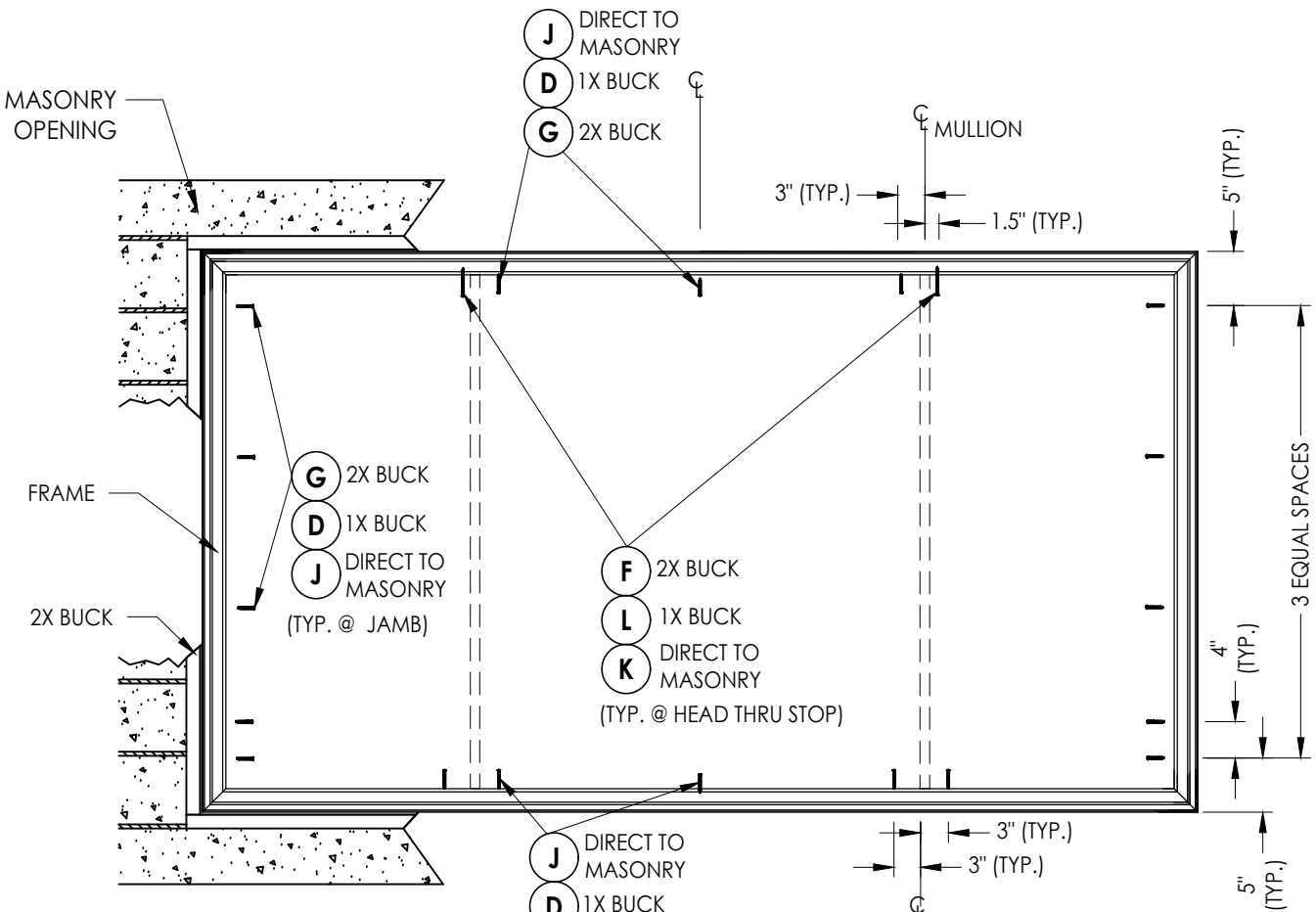
3 VERTICAL CROSS SECTION
3 Shown direct to masonry

PRODUCT:		7700/9900 SERIES		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
DATE: 4/25/13		SCALE: N.T.S.		DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-16092.10		SHEET 3 OF 6		NO.		DATE	
6		7/01/26		UPDATE TO 9TH ED. (2026)		FBC	
5		7/06/23		UPDATE TO 8TH ED. (2023)		FBC	
4		4/08/21		ADD FRAME SIZE		LFS	
3		7/06/20		UPDATE TO 7TH ED. (2020)		FBC	
2		6/01/17		UPDATE TO 6TH ED. (2017)		FBC	
NO.		DATE		REVISIONS		BY	
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		R ^W	

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BUCK ANCHORING



FRAME ANCHORING

MAX. FRAME WIDTH: 144"

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.

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.

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: 7700/9900 SERIES

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING
(MAX FRAME WIDTH: 144")

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	4/08/21	ADD FRAME SIZE LFS
3	7/06/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	6/01/17	UPDATE TO 6TH ED. (2017) FBC LFS

DATE: 4/25/13

SCALE: N.T.S.

DWG. BY: JK

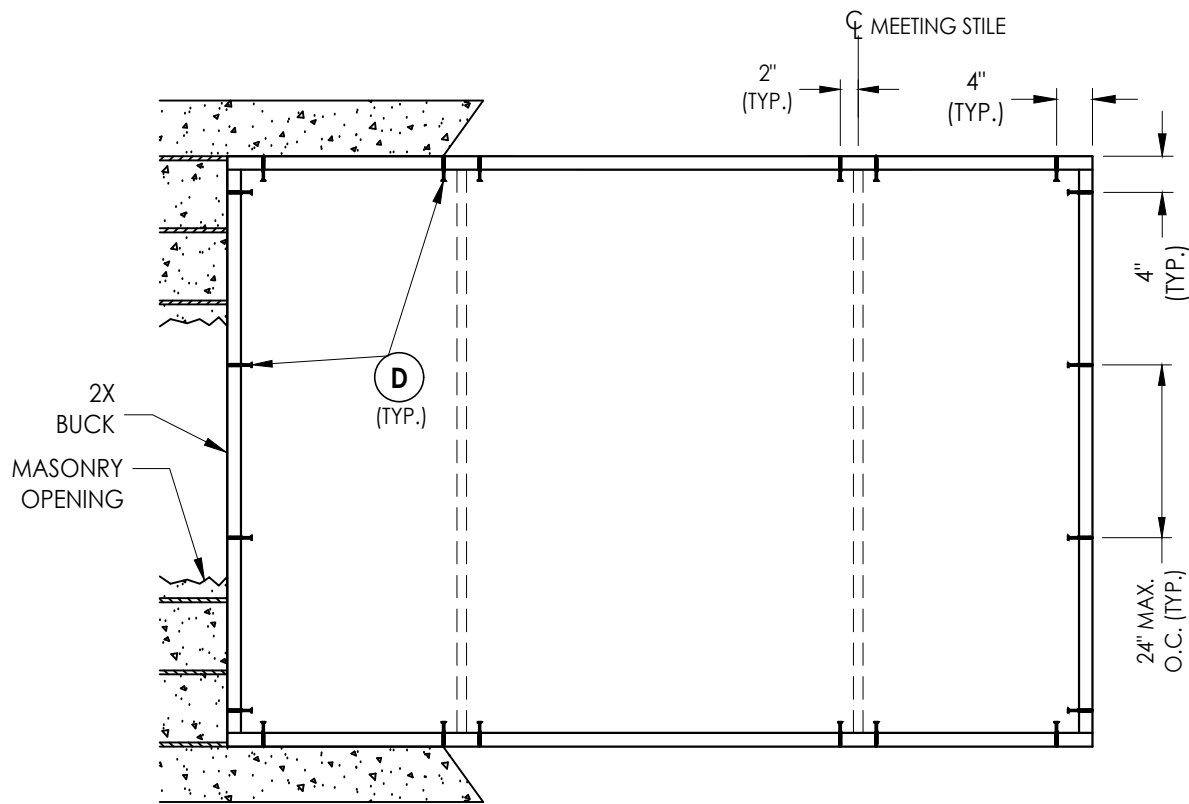
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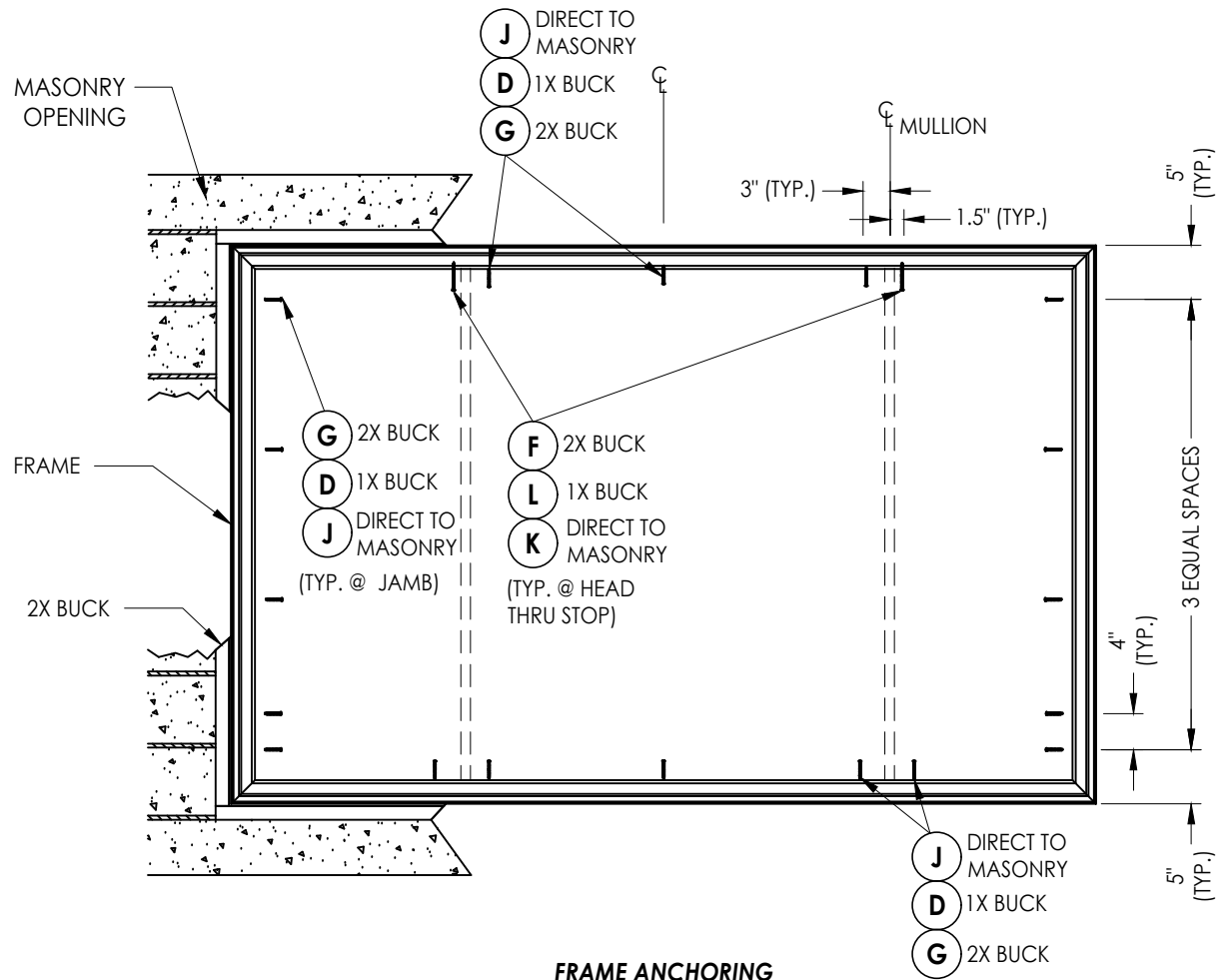
FL-16092.10

SHEET 4 OF 6

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BUCK ANCHORING



FRAME ANCHORING

MAX. FRAME WIDTH: 96"

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.

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.

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: 7700/9900 SERIES

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING
(MAX FRAME WIDTH: 96")

NO.	DATE	REVISIONS
6	7/01/26	UPDATE TO 9TH ED. (2026) FBC
5	7/06/23	UPDATE TO 8TH ED. (2023) FBC
4	4/08/21	ADD FRAME SIZE
3	7/06/20	UPDATE TO 7TH ED. (2020) FBC
2	6/01/17	UPDATE TO 6TH ED. (2017) FBC
1		

DATE: 4/25/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

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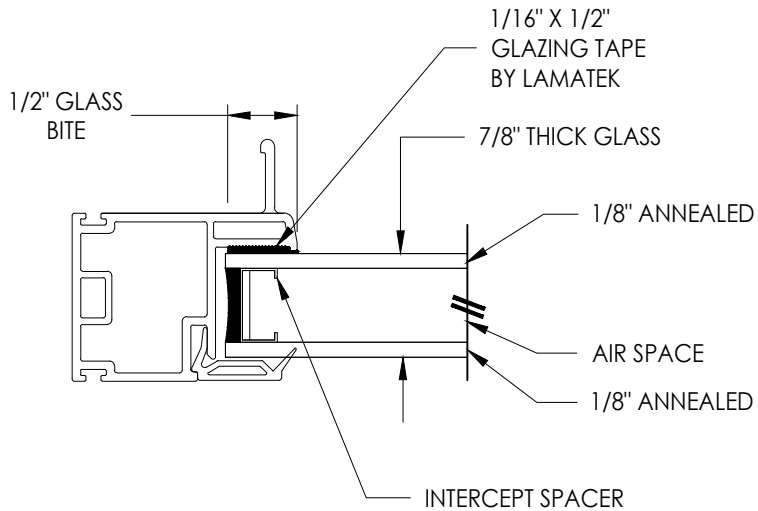
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SHEET 5 OF 6

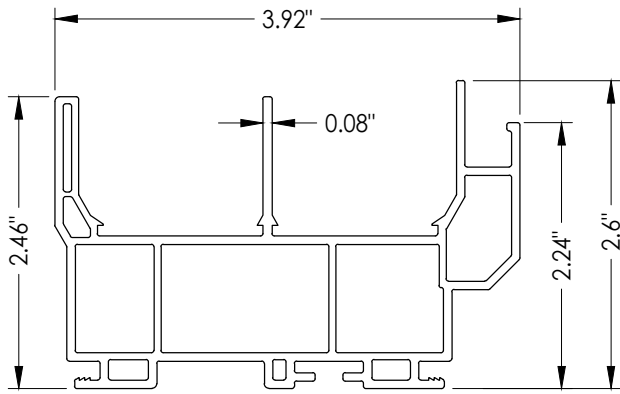
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 3" PFH WOOD SCREW (1" MIN. EMBEDMENT)	STEEL
G	#8 X 2" PPH WOOD SCREW (1-7/16" MIN. EMBEDMENT)	STEEL
J	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
1	FRAME*	PVC
2	SLIDER PULL STILE*	PVC
3	LOCK STILE*	PVC
4	KEEPER STILE*	PVC
5	GLAZING BEAD*	PVC
6	SLIDER COMMON RAIL*	PVC
7	METAL ROLLERS w/ PLASTIC HOUSING	-
8	WEATHERSTRIP (0.230")	-
9	WEATHERSTRIP (0.380")	-
11	SILL TRACK	ALUM
15	REINFORCEMENT (MEETING STILE) (6005 - T5)	ALUM
16	REINFORCEMENT (LOCK & MEETING STILE) (CS TYPE B HOT DIPPED GALV.)	STEEL
18	#8 X 1-1/4" PFH SMS	STEEL
19	LOWER FLANKER STOP (2991C)	NYLON
20	UPPER FLANKER STOP (2991B)	NYLON

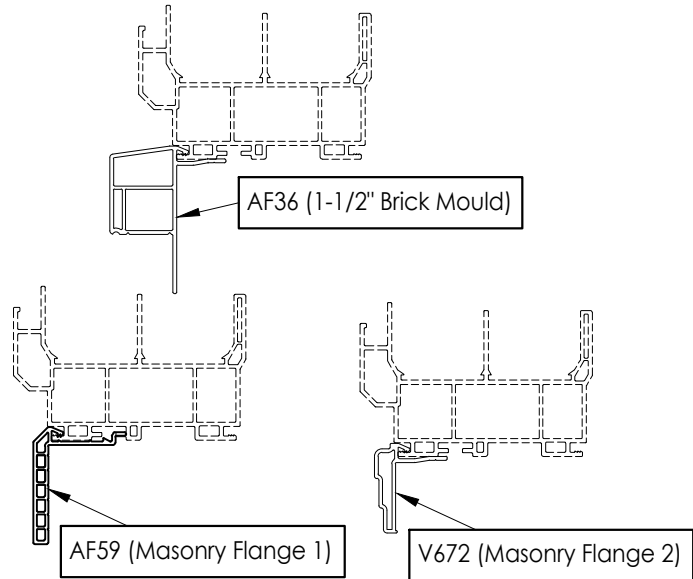
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



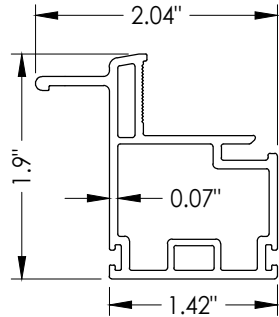
G1 GLAZING DETAIL



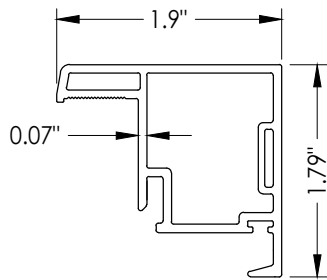
1 FRAME



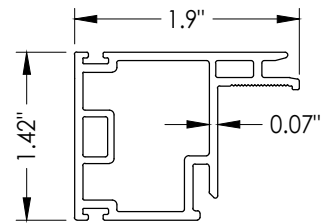
OPTIONAL COSMETIC FLANGES



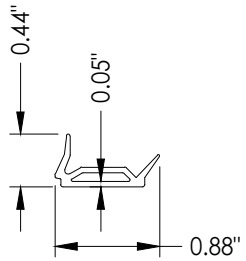
2 SLIDER PULL STILE



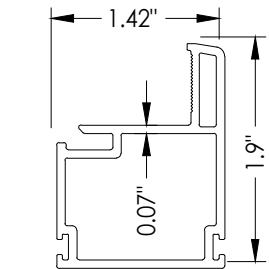
3 LOCK STILE



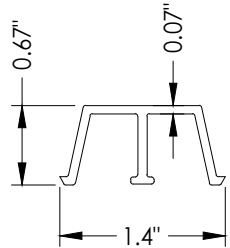
4 KEEPER STILE



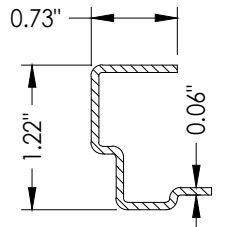
5 GLAZING BEAD



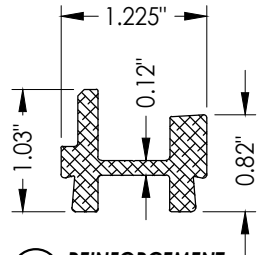
6 SLIDER COMMON RAIL



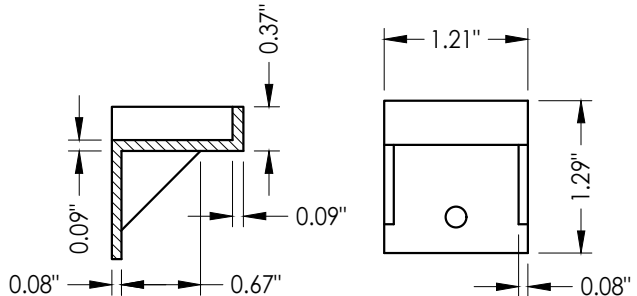
11 SILL TRACK



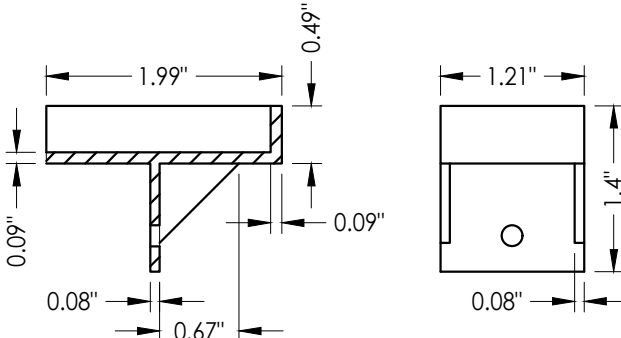
16 REINFORCEMENT
Lock & Meeting Stile



15 REINFORCEMENT
Meeting Stile



19 LOWER FLANKER STOP



20 UPPER FLANKER STOP

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FBPE Registry No. 9813

PRODUCT: 7700/9900 SERIES

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

		LFS	FBC			
6	7/01/26	UPDATE TO 9TH ED.	(2026)	FBC		
5	7/06/23	UPDATE TO 8TH ED.	(2023)	FBC		
4	4/08/21	ADD FRAME SIZE		LFS		
3	7/06/20	UPDATE TO 7TH ED.	(2020)	FBC		
2	6/01/17	UPDATE TO 6TH ED.	(2017)	FBC		
NO	DATE					

REVISIONS

DATE: 4/25/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-16092.10

SHEET 6 OF 6