

QINGDAO SEA NOVA BUILDING PROFILES PRODUCTS CO., LTD

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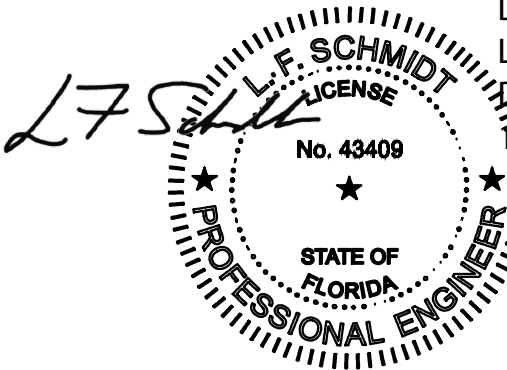


"SLD 01 MW" SERIES
Vinyl Sliding Patio Door
(Welded Sash)
"NON-IMPACT"

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
1	Typical elevation, design pressures & general notes
2	Horizontal cross sections
3	Vertical cross sections
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5	Components
6	Bill of materials & glazing detail

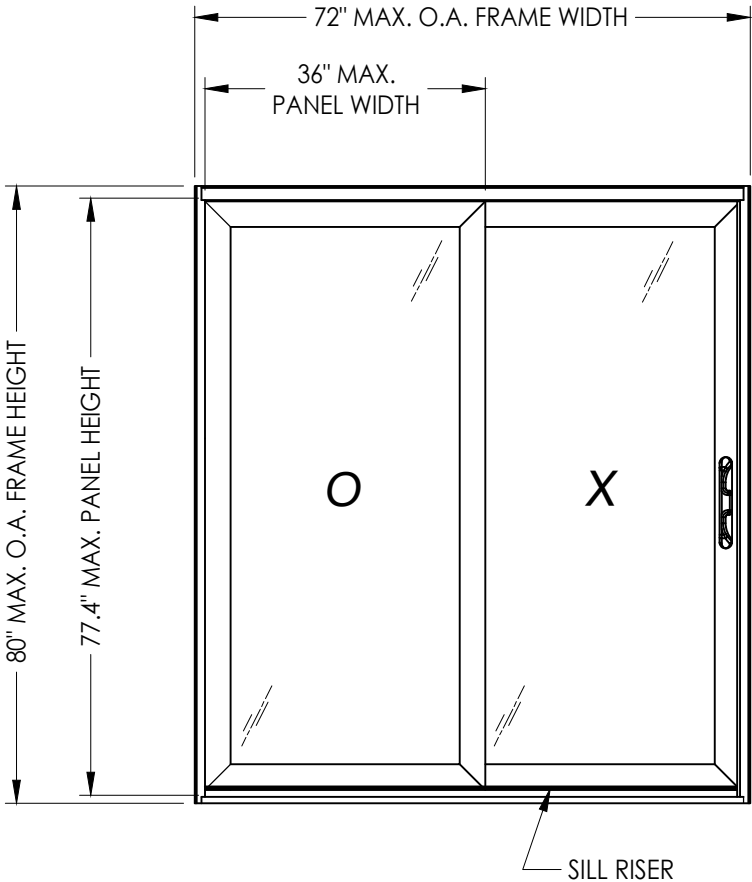


Digitally signed by
Lyndon F Schmidt
Date: 2026.07.01 11:22:33 -04'00'

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 FRAME DIMENSION	MAX. PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	SILL RISER REQUIRED	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
72.0" x 80.0"	36.0" X 77.4"	29.25" X 69.5"	G1	NO	+20.0	-50.0
				YES	+50.0*	-50.0

*SILL RISER REQUIRED (SEE SHEET 5 FOR POSITIVE DESIGN PRESSURE LIMITATIONS)

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

PRODUCT: SLIDING PATIO DOORS

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

REVISIONS

DATE: 10/03/22

SCALE: N.T.S.

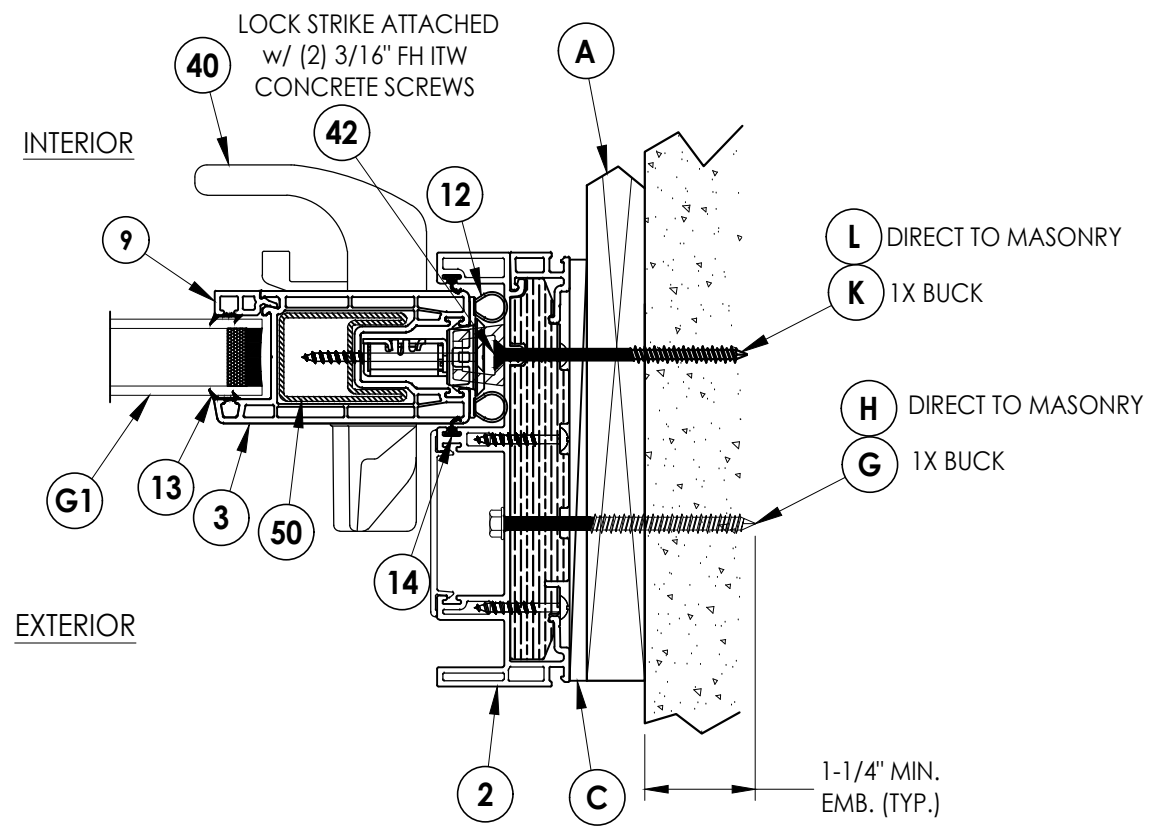
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CHK. BY: RW

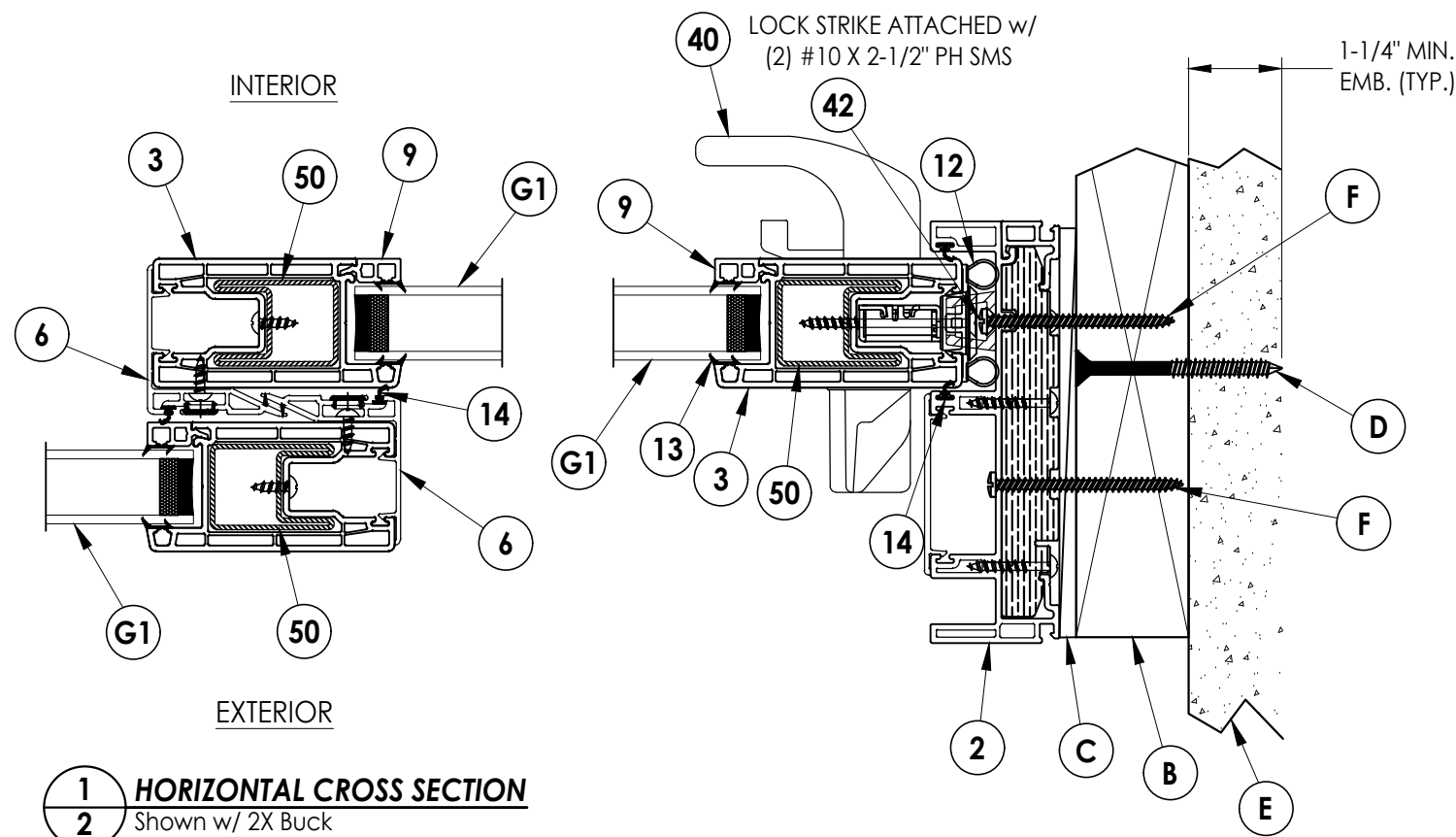
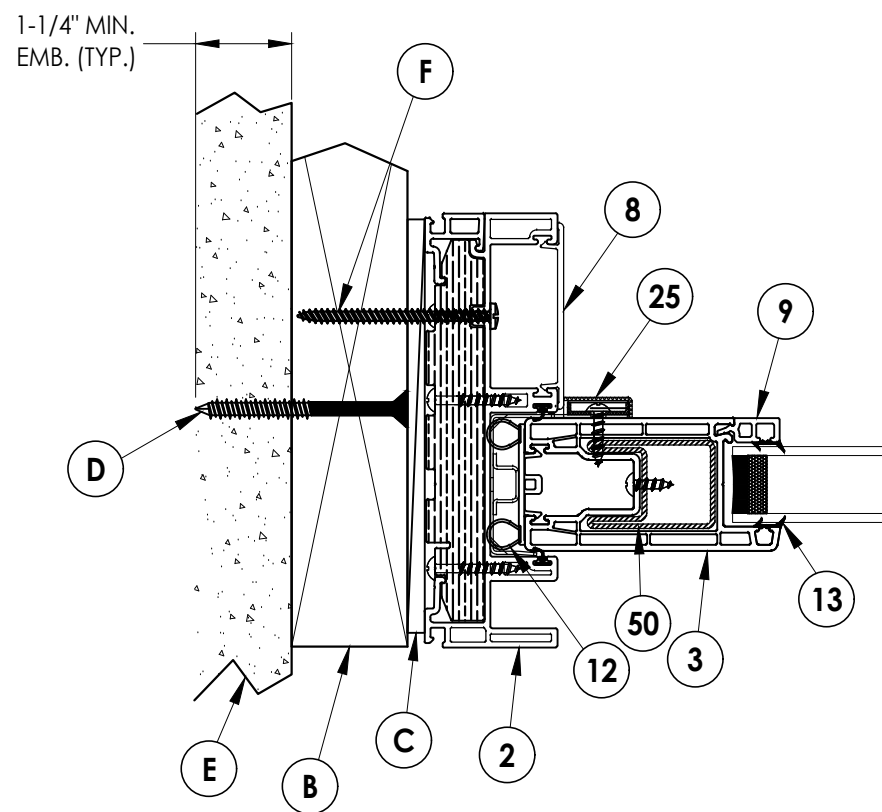
DRAWING NO.: FL-41707.1

SHEET 1 OF 6

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



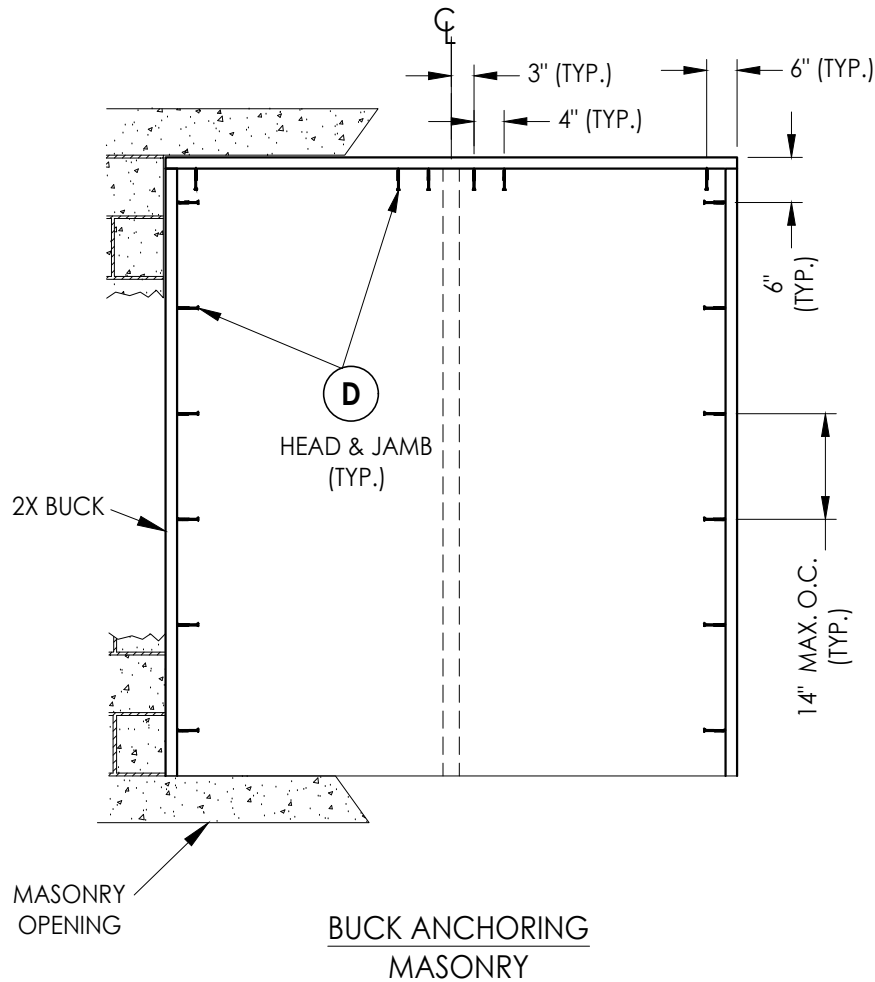
2 HORIZONTAL CROSS SECTION
 2 Shown w/ 1X Buck
 (Direct to Masonry Similar)



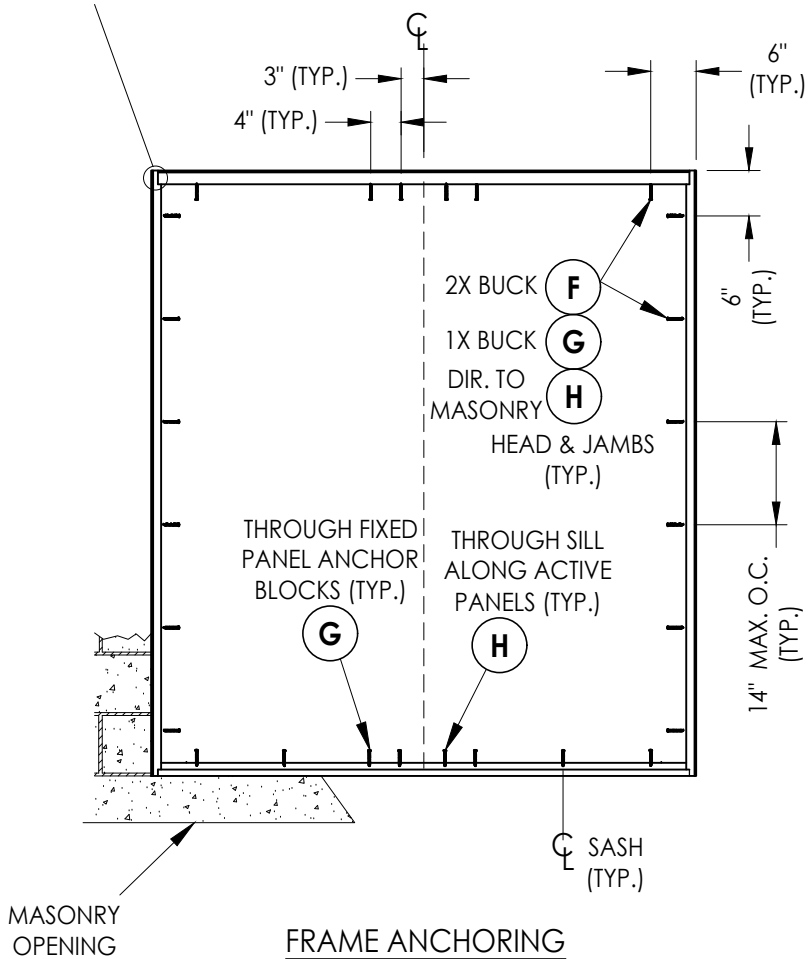
1 HORIZONTAL CROSS SECTION
2 Shown w/ 2X Buck

DATE: 10/03/22		PRODUCT:		Documents Prepared By:	
SCALE: N.T.S.		SLIDING PATIO DOORS		Lyndon F. Schmidt	
DWG. BY: LFS				P.E. No. 43409	
CHK. BY: RW					
DRAWING NO.: FL-41707.1		PART OR ASSEMBLY:		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No: 813.659.9197 FBPE Registry No. 9813	
SHEET 2 OF 6		HORIZONTAL			
		CROSS SECTIONS			
REVISONS					
NO.	DATE	UPDATE TO 9TH ED. (2026)	FBC	LFS	
1	9/13/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
				BY	

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FRAME CORNERS SECURED TOGETHER
w/ (4) #8 X 3" TRUSS HEAD SMS (TYP.)



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"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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

PRODUCT:
SLIDING PATIO DOORS

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
2	7/01/26	UPDATE TO 9TH ED. (2026) FBC
1	9/13/23	UPDATE TO 8TH ED. (2023) FBC

DATE: 10/03/22

SCALE: N.T.S.

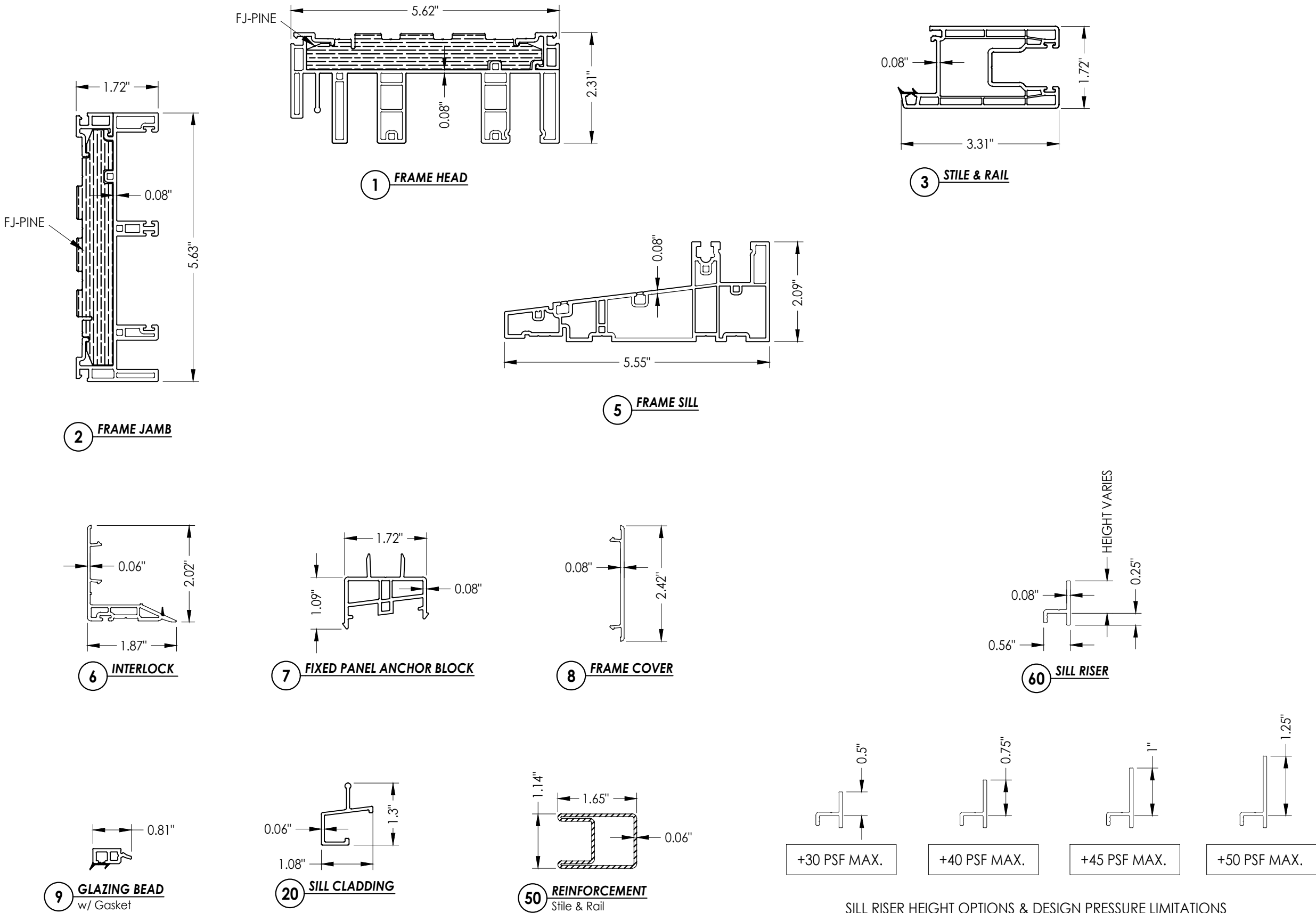
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CHK. BY: RW

DRAWING NO.:
FL-41707.1

SHEET 4 OF 6

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PRODUCT:		SLIDING PATIO DOORS	
PART OR ASSEMBLY:		COMPONENTS	
DATE:	7/01/26	UPDATE TO 9TH ED. (2026)	FBC
SCALE:	1	9/13/23	UPDATE TO 8TH ED. (2023)
DWG. BY:	NO.	DATE	BY
CHK. BY:	REVISIONS		
DRAWING NO.:			
SHEET	5	OF	6

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

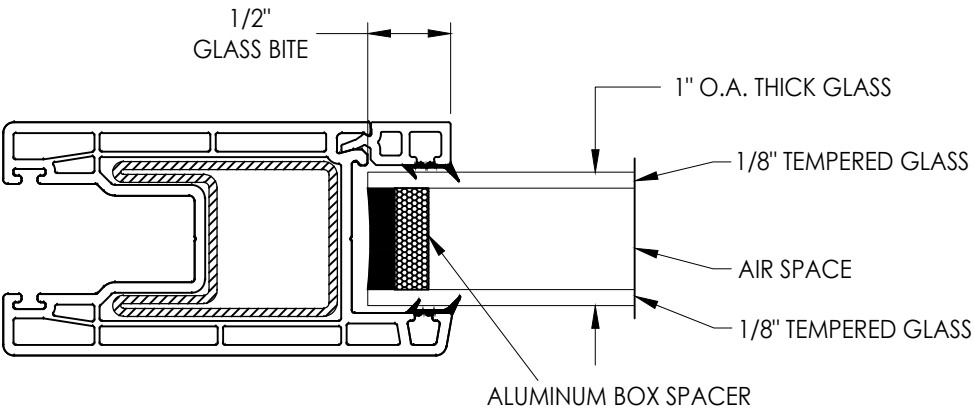
RW

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Phone No.: 813.659.9197
. FBPE Registry No. 9813

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" FH 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 2-1/2" PPH SMS	STEEL
G	1/4" X 3-1/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
H	1/4" X 2-3/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
K	3/16" X 3-1/4" FH ITW CONCRETE SCREW	STEEL
L	3/16" X 2-3/4" FH ITW CONCRETE SCREW	STEEL
1	FRAME HEAD*	PVC
2	FRAME JAMB*	PVC
3	STILE & RAIL*	PVC
5	FRAME SILL*	PVC
6	INTERLOCK*	PVC
7	FIXED PANEL ANCHOR BLOCK*	PVC
8	FRAME COVER*	PVC
9	GLAZING BEAD*	PVC
10	TANDEM WHEEL	NYLON
12	BULB WEATHERSEAL	-
13	GLAZING GASKET	-
14	STILE & RAIL WEATHERSEAL	-
20	SILL CLADDING	ALUM
25	FIXED PANEL CLIP	STEEL
40	HANDLE & LOCK KIT	STEEL
42	LOCK STRIKE PLATE	STEEL
50	STILE & RAIL REINFORCEMENT	STEEL
60	SILL RISER	ALUM

* 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

[illegible]