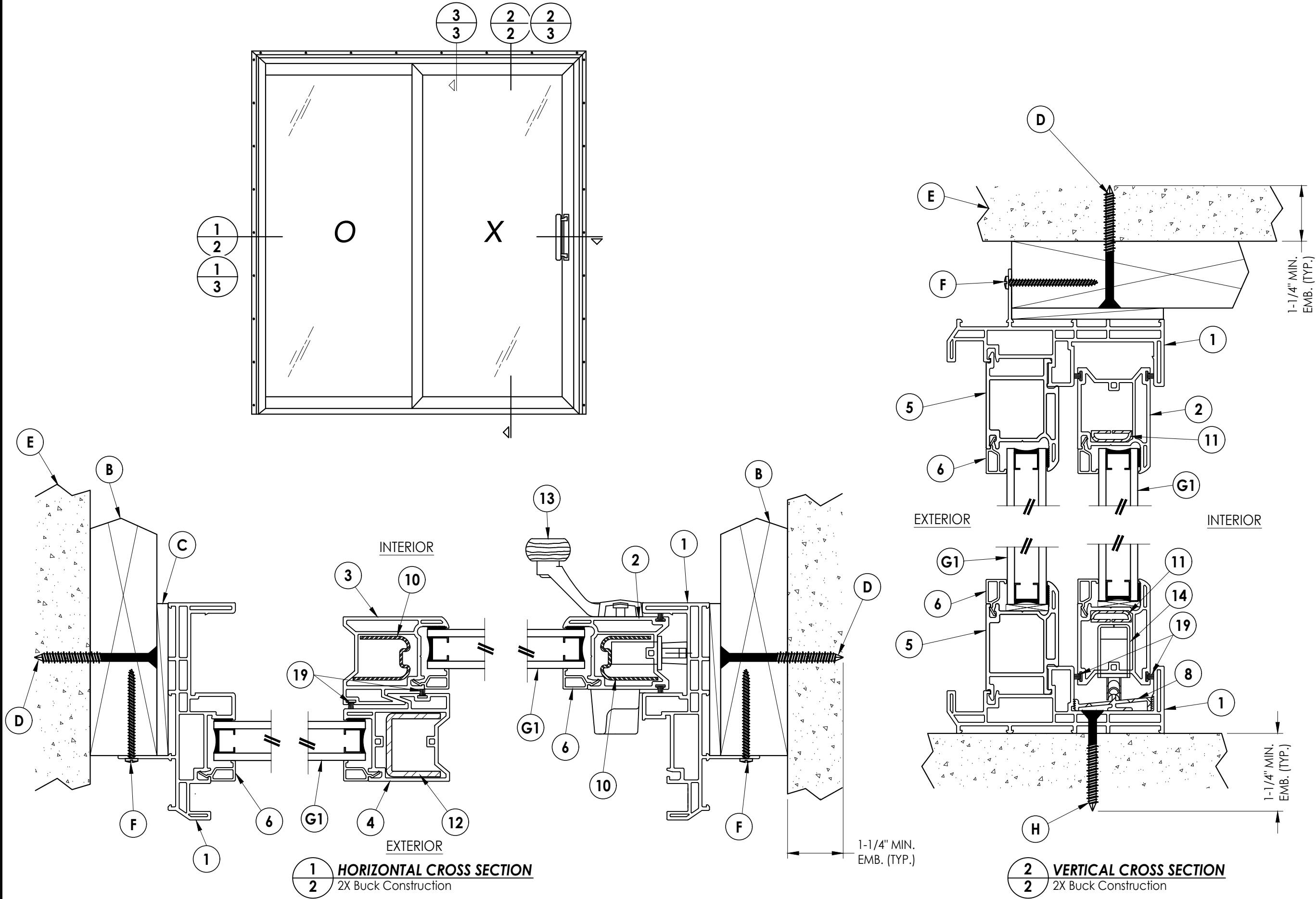


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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT: EXTRUDED VINYL
SLIDING PATIO DOORS

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS

	LFS	DAC	LFS	JK	JK	BY
5	7/31/23	UPDATE TO 8TH ED. (2023) FBC	4	8/20/20	UPDATE TO 7TH ED. (2020) FBC	
3	10/02/17	UPDATE TO 6TH ED. (2017) FBC	2	1/27/15	UPDATE TO 5TH ED. (2014) FBC	
1	9/21/11	UPDATED FOR 2010 FBC				
NO.	DATE					
REVISIONS						

DATE: 3/11/09

SCALE: N.T.S.

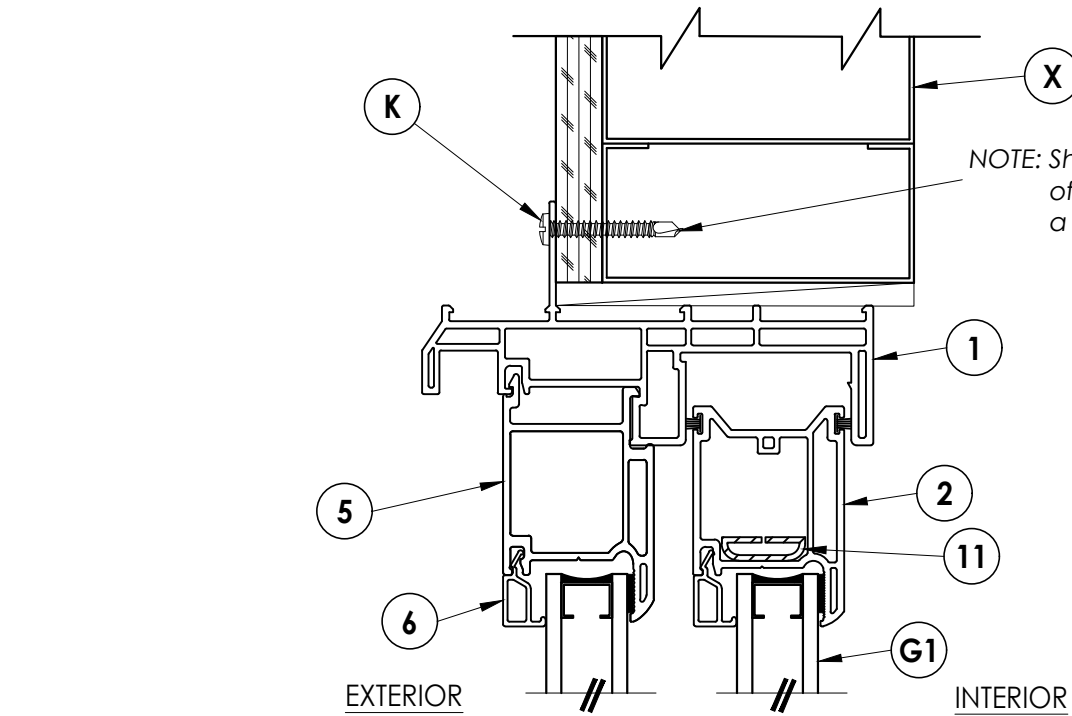
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CHK. BY: LFS

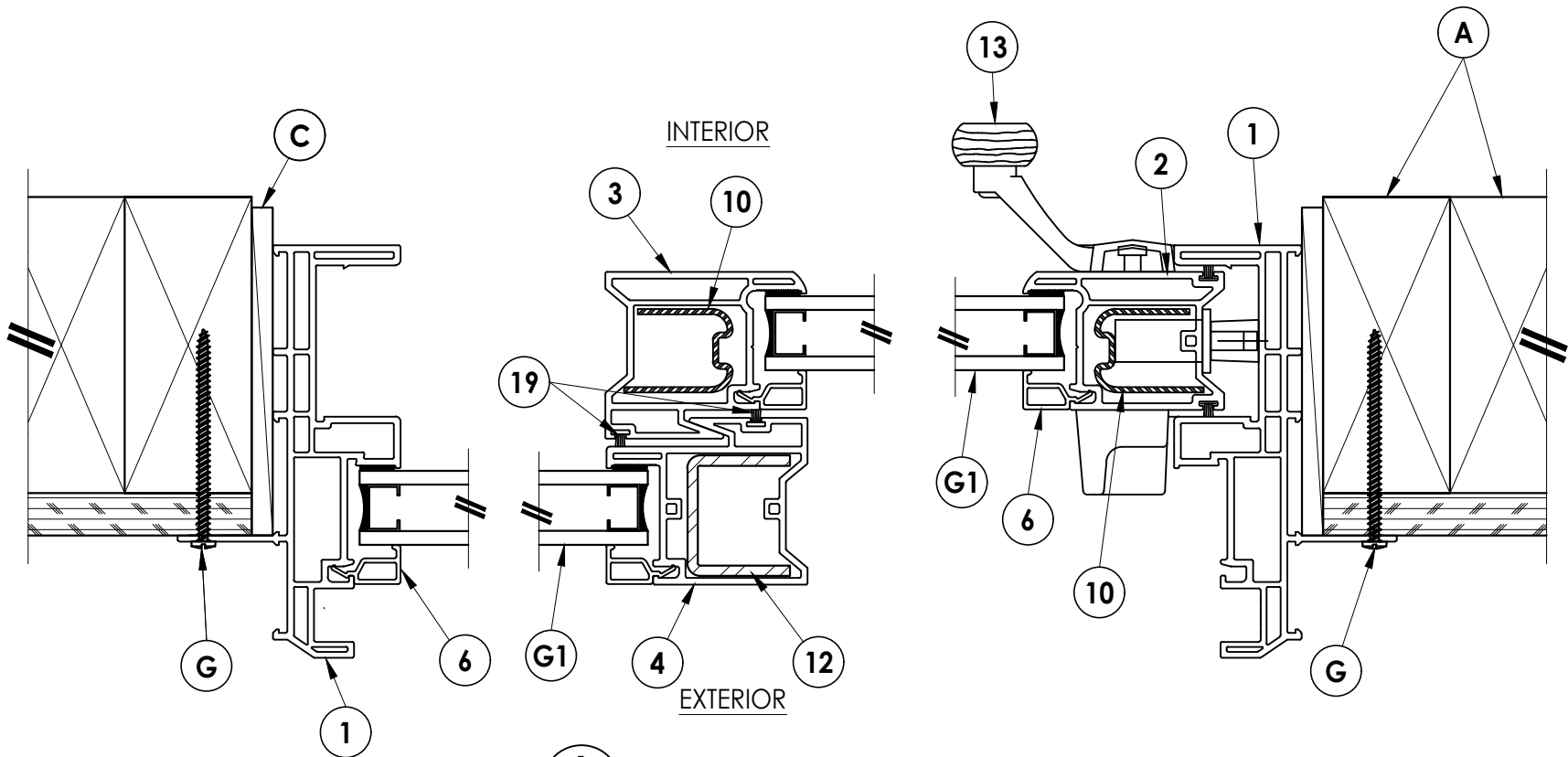
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SHEET 2 OF 5

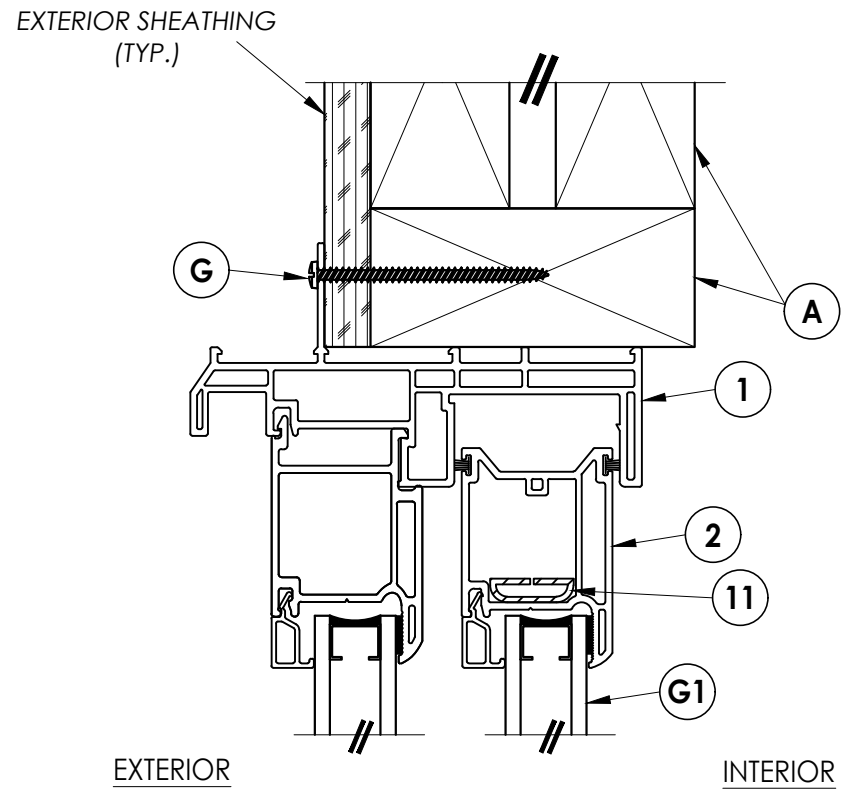
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3
3 **HORIZONTAL CROSS SECTION**
Shown w/ Steel Stud framing option



1
3 **HORIZONTAL CROSS SECTION**
Shown w/Stud framing option



2
3 **VERTICAL CROSS SECTION**
Shown w/Stud framing option
(On crawl space)

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PRODUCT:
EXTRUDED VINYL
SLIDING PATIO DOORS

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
5	7/31/23	UPDATE TO 8TH ED. (2023) FBC
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1	9/21/11	UPDATED FOR 2010 FBC

DATE: 3/11/09

SCALE: N.T.S.

DWG. BY: DWS

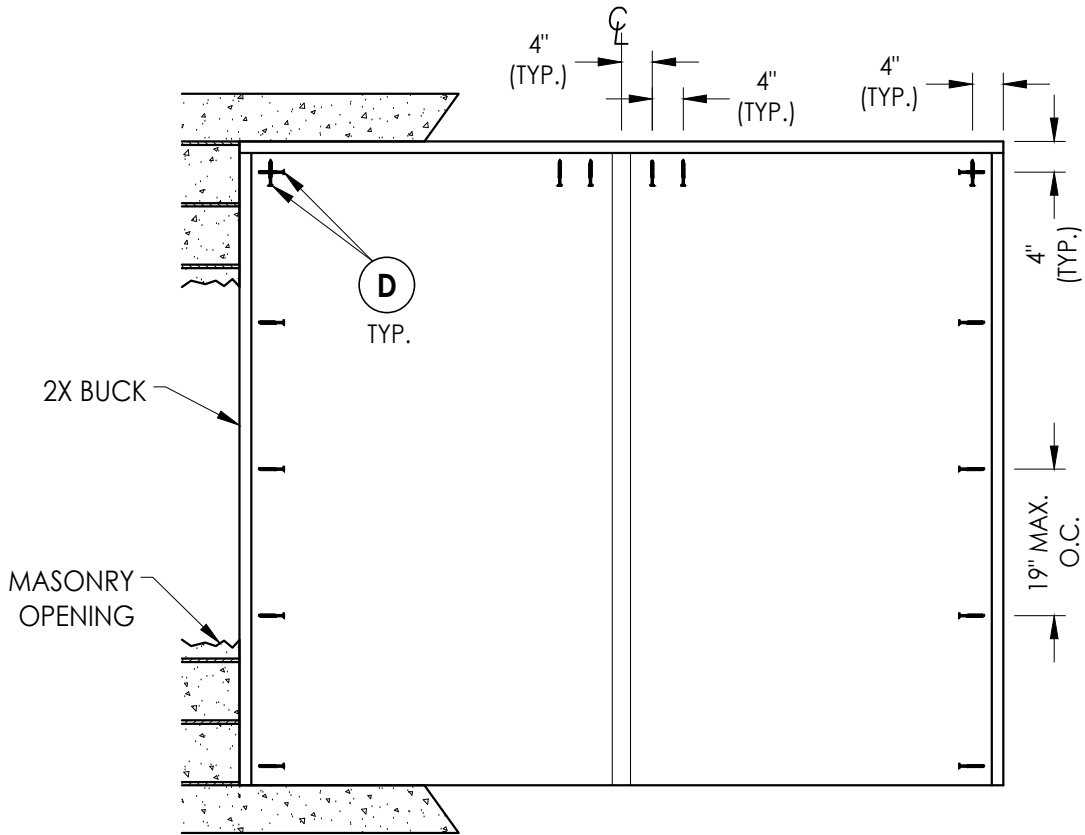
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DRAWING NO.:

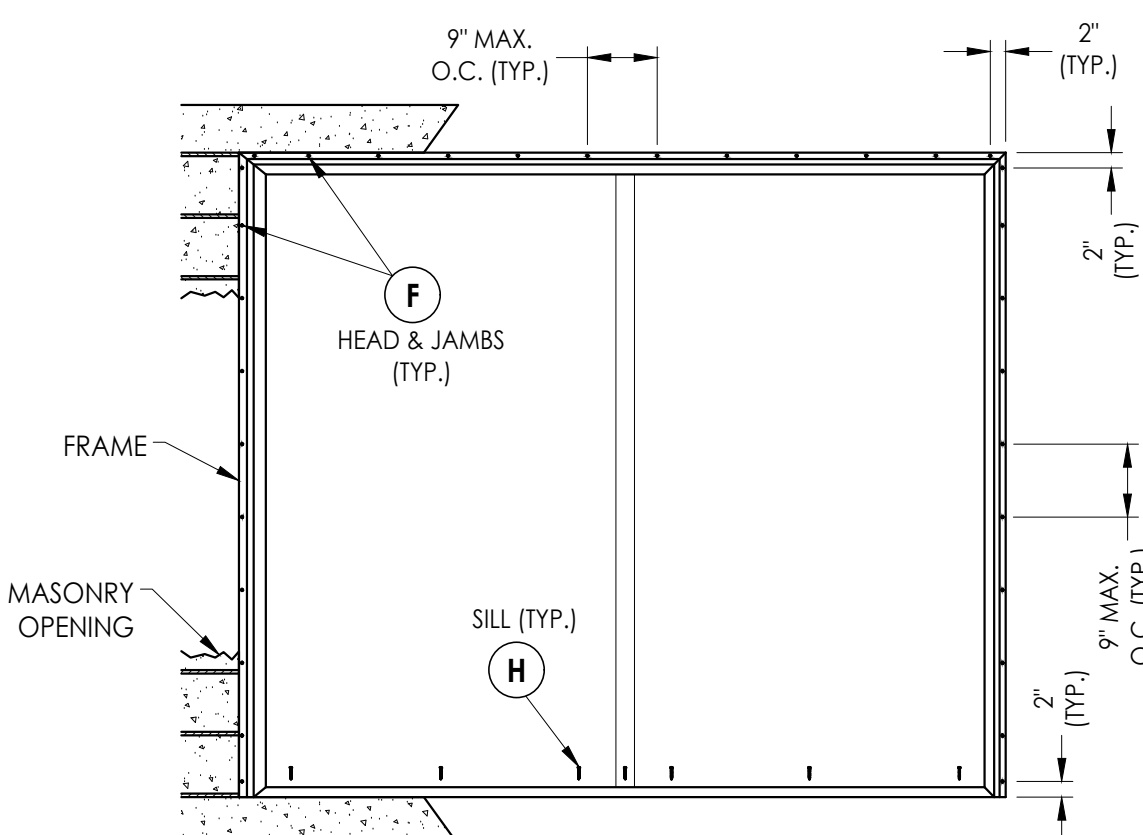
FL-12323.17

SHEET 3 OF 5

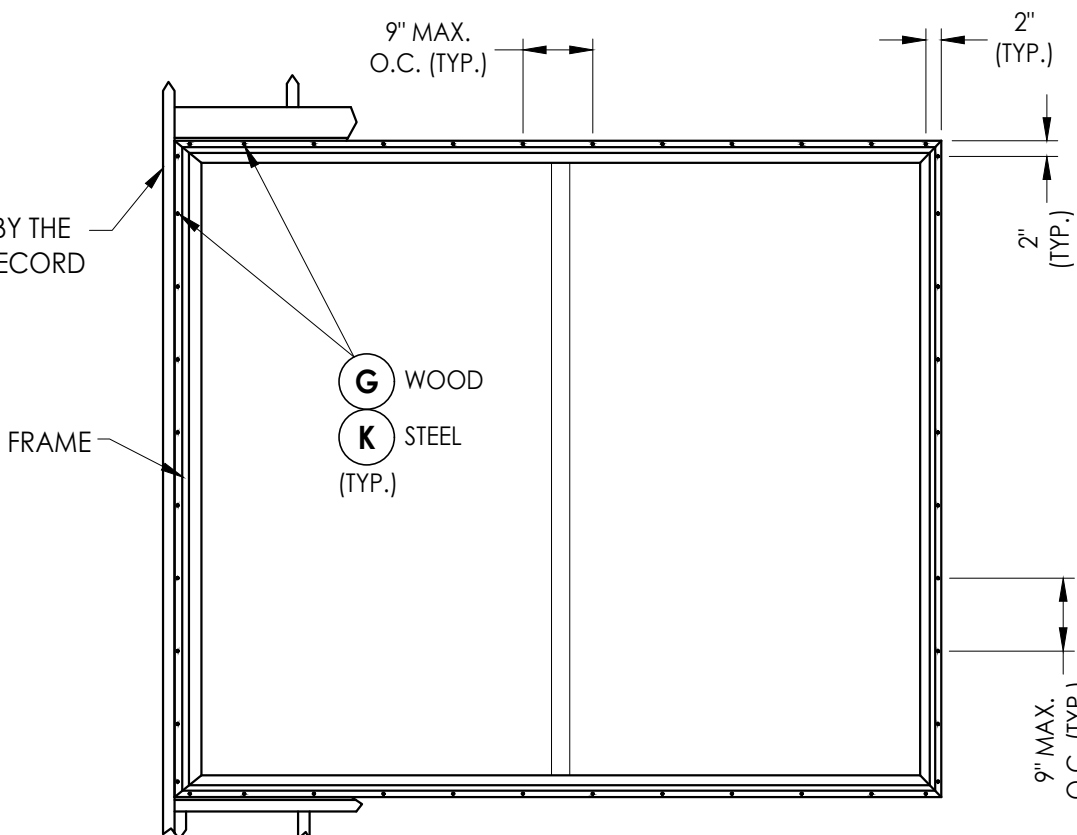
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BUCK ANCHORING



FRAME ANCHORING
2X BUCK



FRAME ANCHORING
(2X Stud, Steel Stud)

2X FRAMING TO BE DESIGNED BY THE
ENGINEER OR ARCHITECT OF RECORD

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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FBPE Registry No. 9813

PRODUCT: EXTRUDED VINYL
SLIDING PATIO DOORS

PART OR ASSEMBLY:
BUCK & FRAME
ANCHORING

NO.	DATE	REVISIONS			
		DATE	BY	JK	BY
5	7/31/23	UPDATE TO 8TH ED. (2023) FBC	LFS		
4	8/20/20	UPDATE TO 7TH ED. (2020) FBC	DAC		
3	10/02/17	UPDATE TO 6TH ED. (2017) FBC	LFS		
2	1/27/15	UPDATE TO 5TH ED. (2014) FBC	JK		
1	9/21/11	UPDATED FOR 2010 FBC	JK		

DATE: 3/11/09

SCALE: N.T.S.

DWG. BY: DWS

CHK. BY: LFS

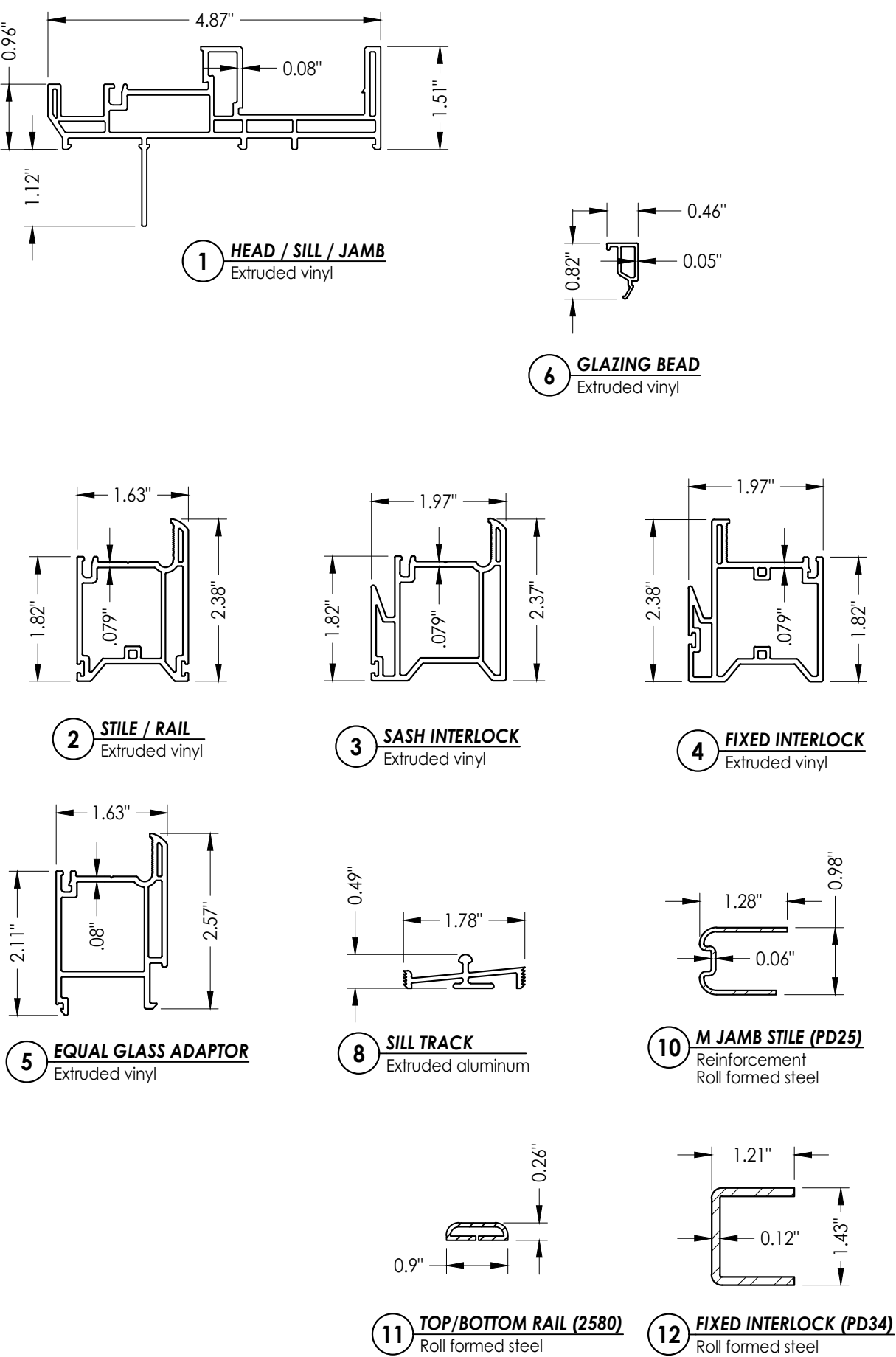
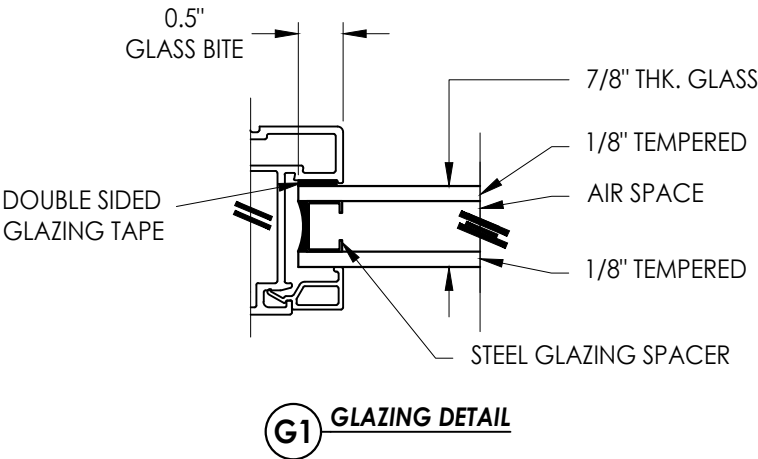
DRAWING NO.:
FL-12323.17

SHEET 4 OF 5

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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" PFH SMS (1-3/4" MIN. EMBEDMENT)	WOOD
G	#8 X 2-1/2" PFH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
H	1/4" X 2-1/4" FH DeWALT OR ITW CONCRETE SCREW	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 HEAD / SILL & JAMB / FRAME (#PD81)	* RIGID PVC
2	EXTRUDED VINYL STILE / RAIL SASH (#PD25)	* RIGID PVC
3	EXTRUDED VINYL SASH INTERLOCK (#PD24)	* RIGID PVC
4	EXTRUDED VINYL FIXED INTERLOCK (#PD34)	* RIGID PVC
5	EXTRUDED VINYL EQUAL GLASS ADAPTOR (#PD39)	* RIGID PVC
6	EXTRUDED VINYL 7/8" GLAZING BEAD (#BV37)	* RIGID PVC
8	ALUMINUM SILL TRACK (#PD22)	ALUMINUM
10	JAMB STILE (PD25) REINFORCEMENT ROLL FORMED STEEL (#RFPD03SOM)	STEEL
11	TOP/BOTTOM RAIL REINFORCEMENT ROLL FORMED STEEL (#2580)	STEEL
12	FIXED INTERLOCK (PD34) REINFORCEMENT ROLL FORMED STEEL (#RFPD34SOM)	STEEL
13	SLIDING PATIO DOOR HANDLE SET #684 BY SASH CONTROLS	-
14	ROLLER ASSEMBLY	STEEL
19	WEATHERPILE .187" x .270" BY AMESBURY	-

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



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: EXTRUDED VINYL SLIDING PATIO DOORS		PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL & COMPONENTS	
5	7/31/23	UPDATE TO 8TH ED. (2023)	FBC
4	8/20/20	UPDATE TO 7TH ED. (2020)	FBC
3	10/02/17	UPDATE TO 6TH ED. (2017)	FBC
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DRAWING NO.:		FL-12323.17	
SHEET		5	OF 5