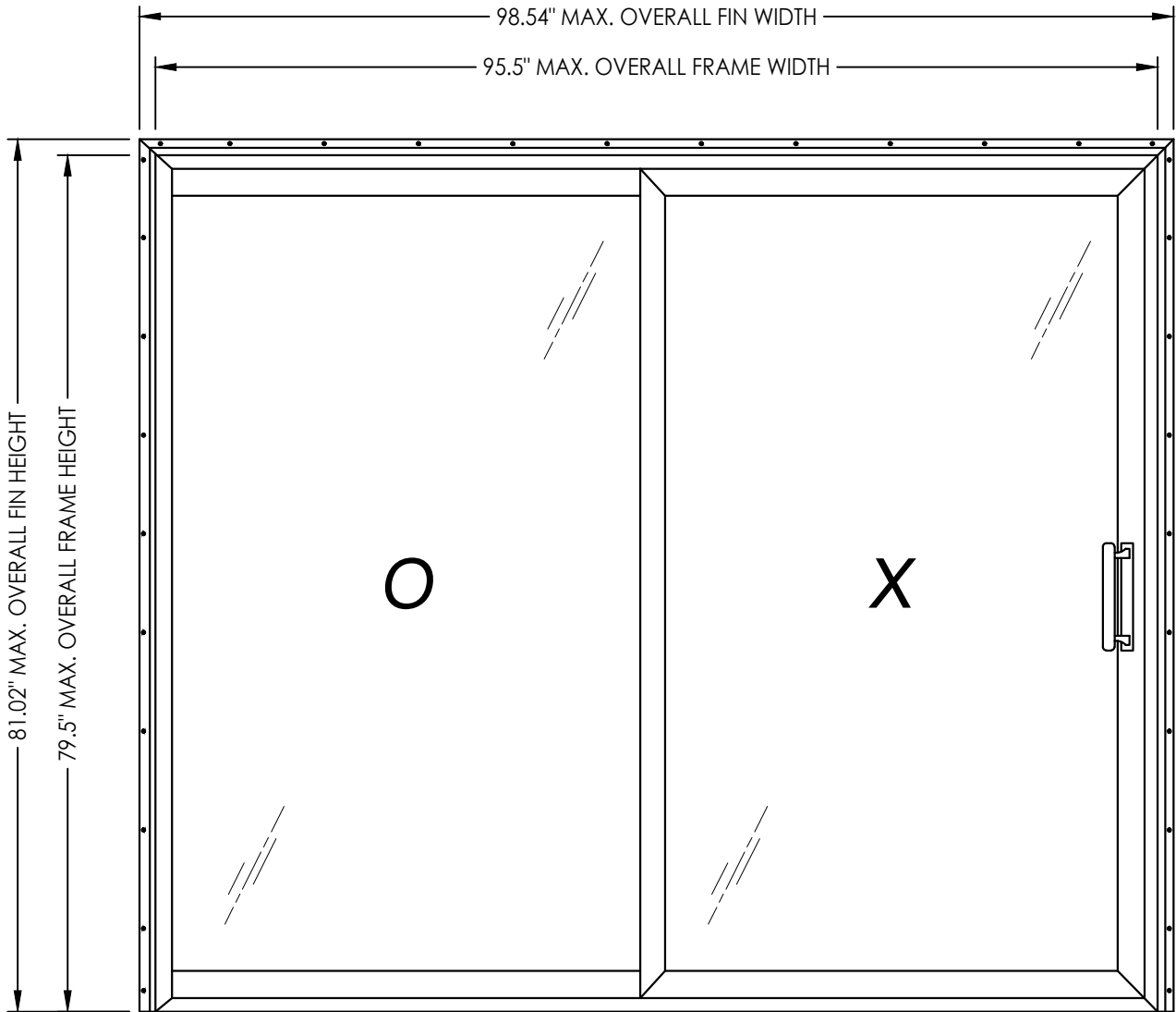


MODEL 11"i"5/11"i"6/11"i"8
EXTRUDED VINYL
SLIDING PATIO DOORS
w/ NAILING FIN
"IMPACT"

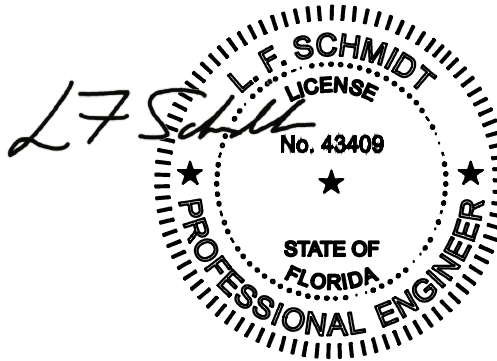
GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in areas requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 3 as defined in ASTM E1996.
- 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 elevation, design pressures & general notes
2	Horizontal and vertical cross sections
3	Horizontal and vertical cross sections
4	Buck and frame anchoring
5	Bill of materials, glazing details & components



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	MAX. PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
98.54" x 81.02"	95.5" x 79.5"	48.5" x 76.375"	43.75" x 71.625"	G1	+50.0	-50.0



Digitally signed by
Lyndon F Schmidt
Date: 2026.08.18
09:09:18 -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

PRODUCT:
EXTRUDED VINYL
SLIDING PATIO DOORS

DATE: 3/11/09

SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

DRAWING NO.:
FL-12323.19

SHEET 1 OF 5

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

REVISIONS

7 7/02/26 UPDATE TO 9TH ED. (2026) FBC LFS

6 7/31/23 UPDATE TO 8TH ED. (2023) FBC LFS

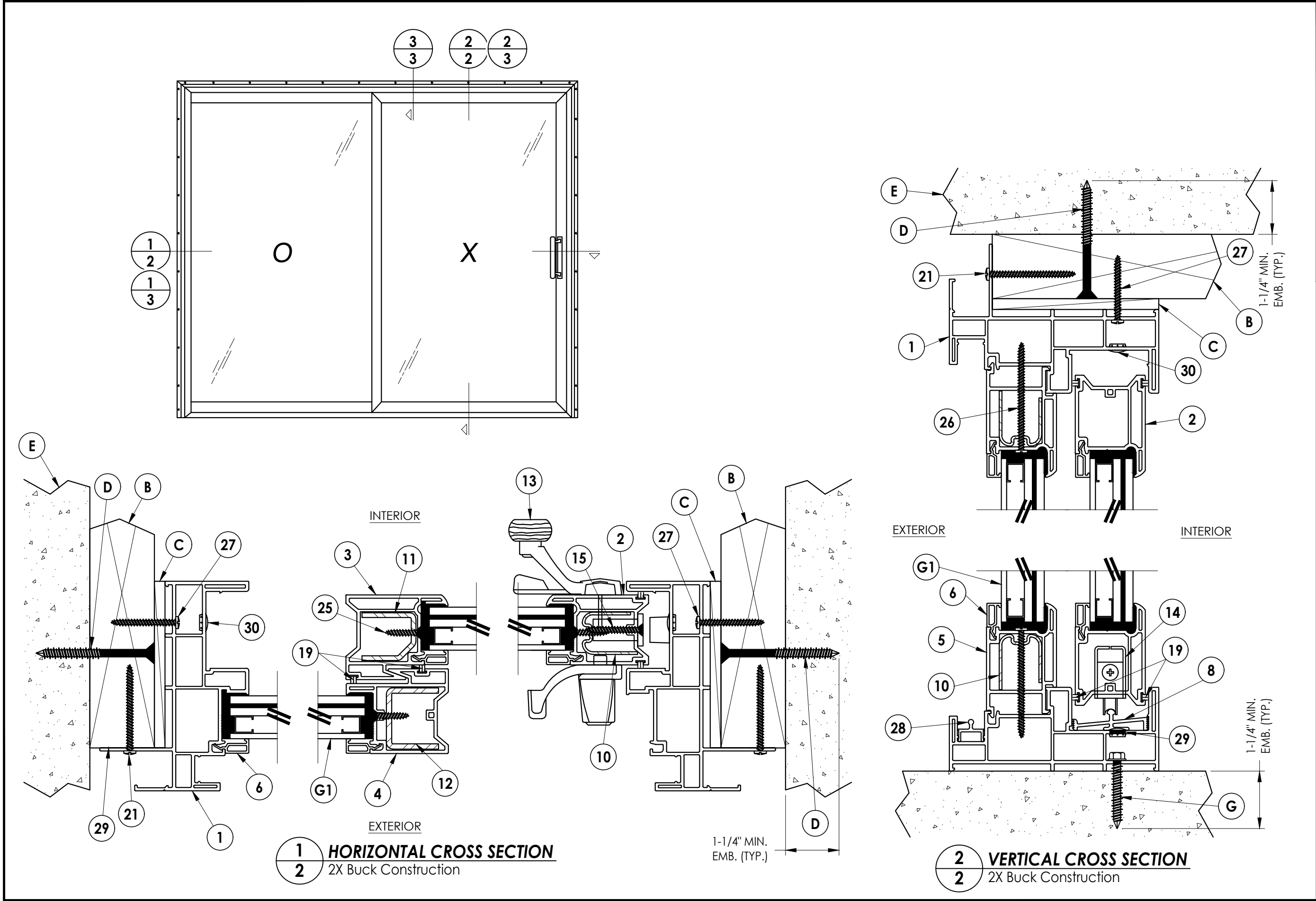
5 8/20/20 UPDATE TO 7TH ED. (2020) FBC DAC

NO. DATE BY

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FBPE Registry No. 9813

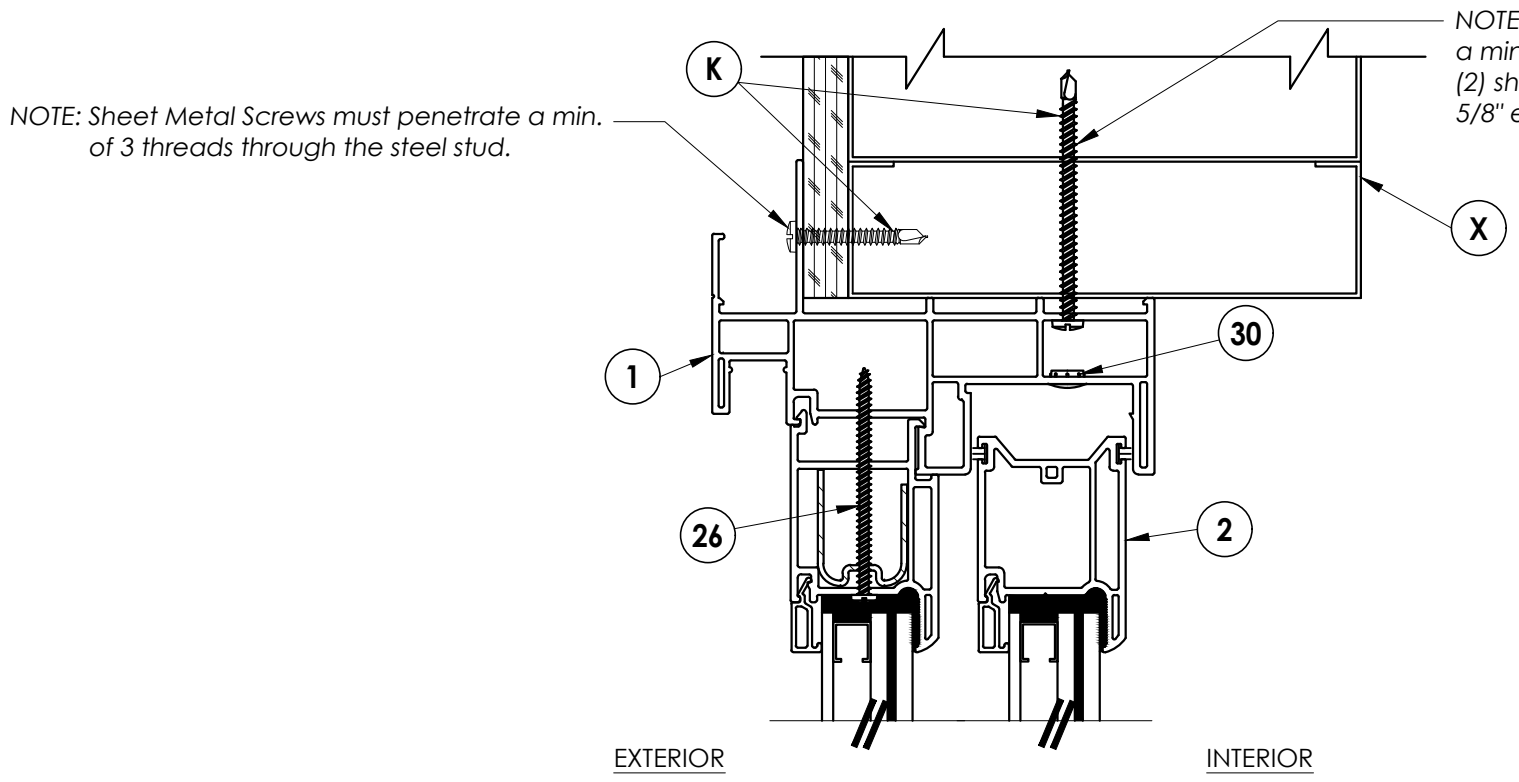
© 2009 R.W. BUILDING CONSULTANTS INC.

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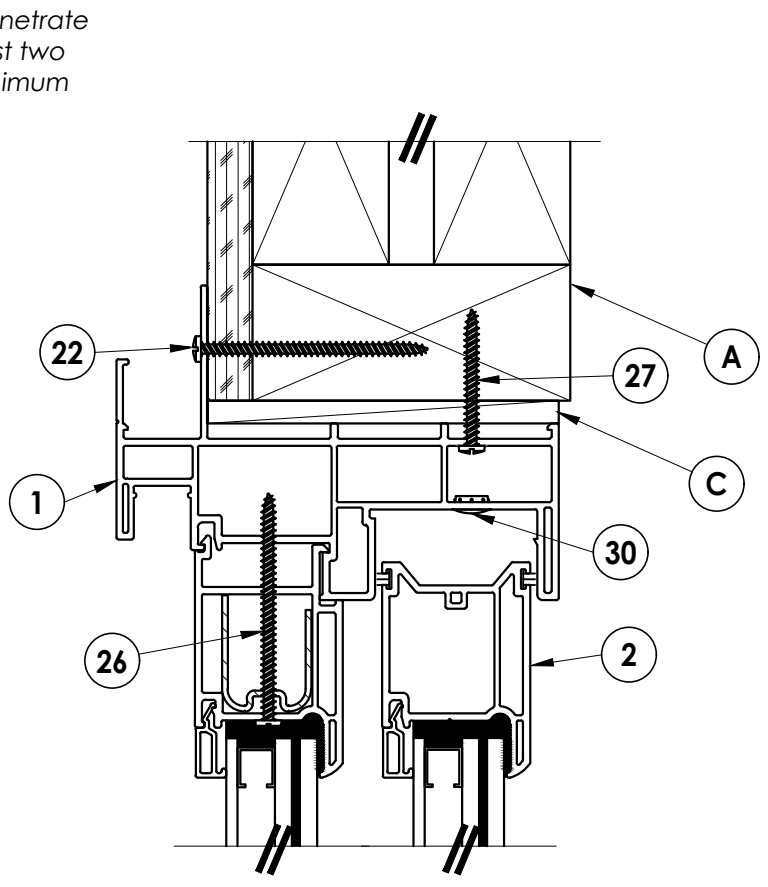


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: EXTRUDED VINYL SLIDING PATIO DOORS		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS	
		LFS	BY
		LFS	DATE
		DAC	REVISIONS
		NO.	DATE
DATE: 3/11/09			
SCALE: N.T.S.			
DWG. BY: AL			
CHK. BY: LFS			
DRAWING NO.: FL-12323.19			
SHEET 2 OF 5			

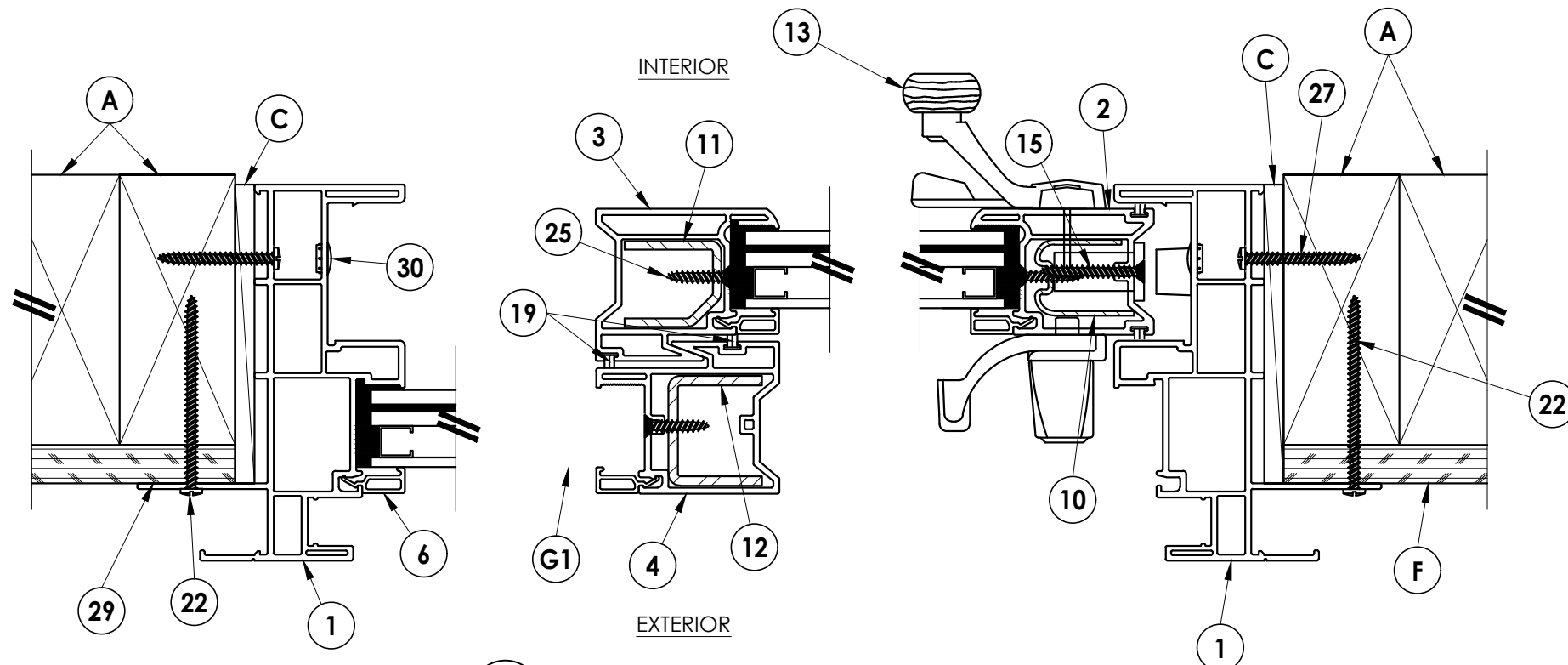
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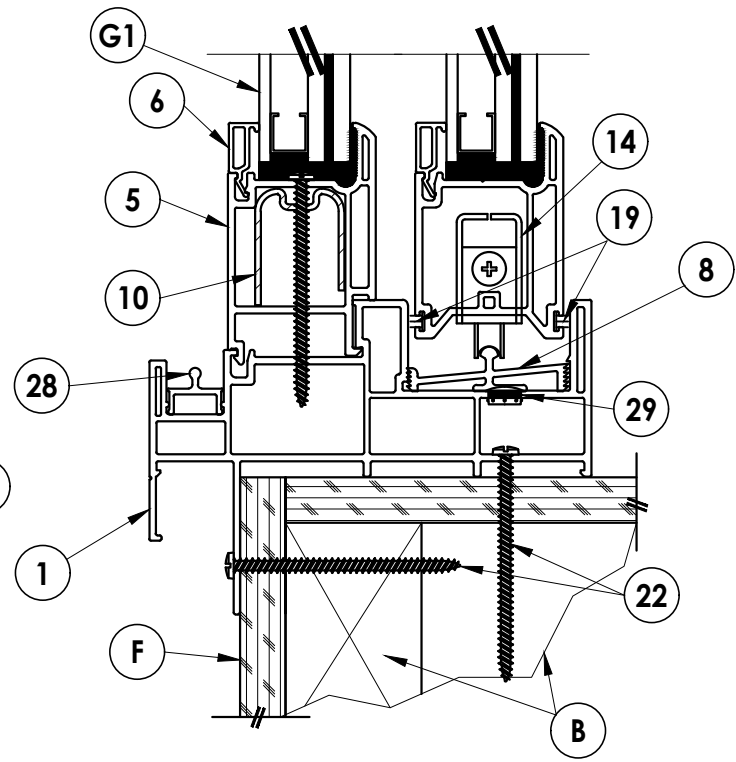
3 **HORIZONTAL CROSS SECTION**
Shown w/ Steel Stud framing option



2 **HORIZONTAL CROSS SECTION**
Shown w/ Stud framing option



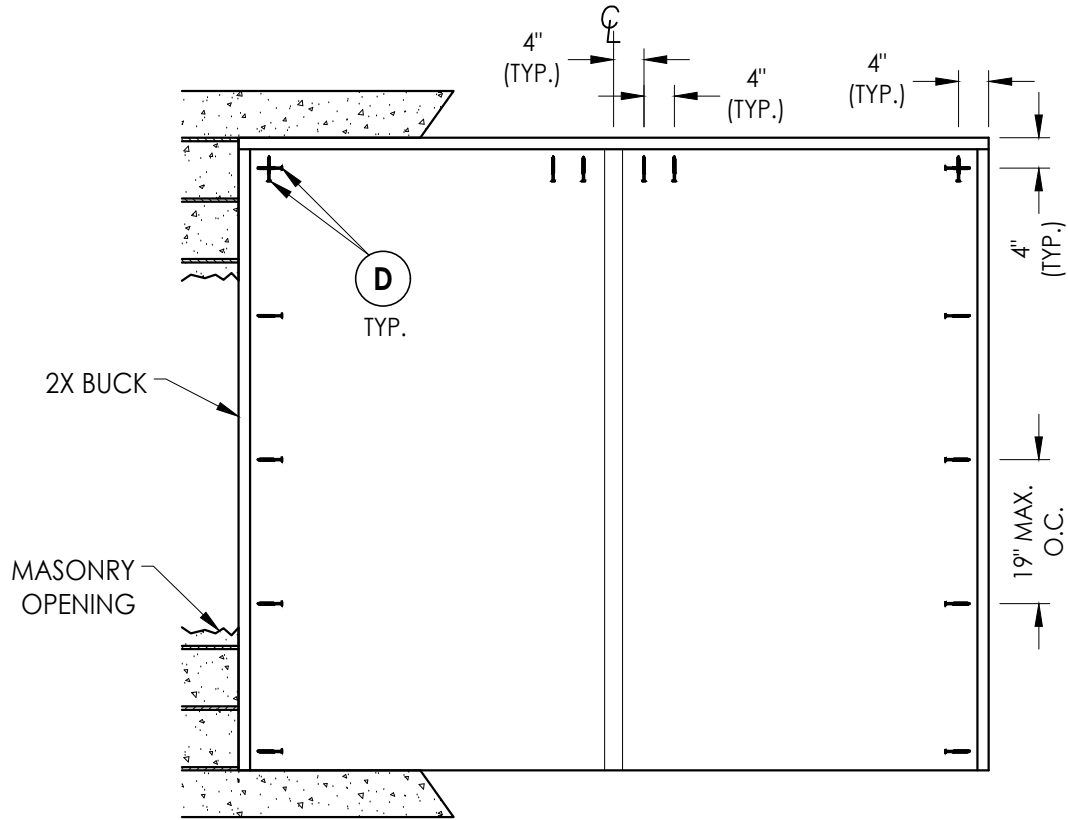
1 **HORIZONTAL CROSS SECTION**
Shown w/ Stud framing option



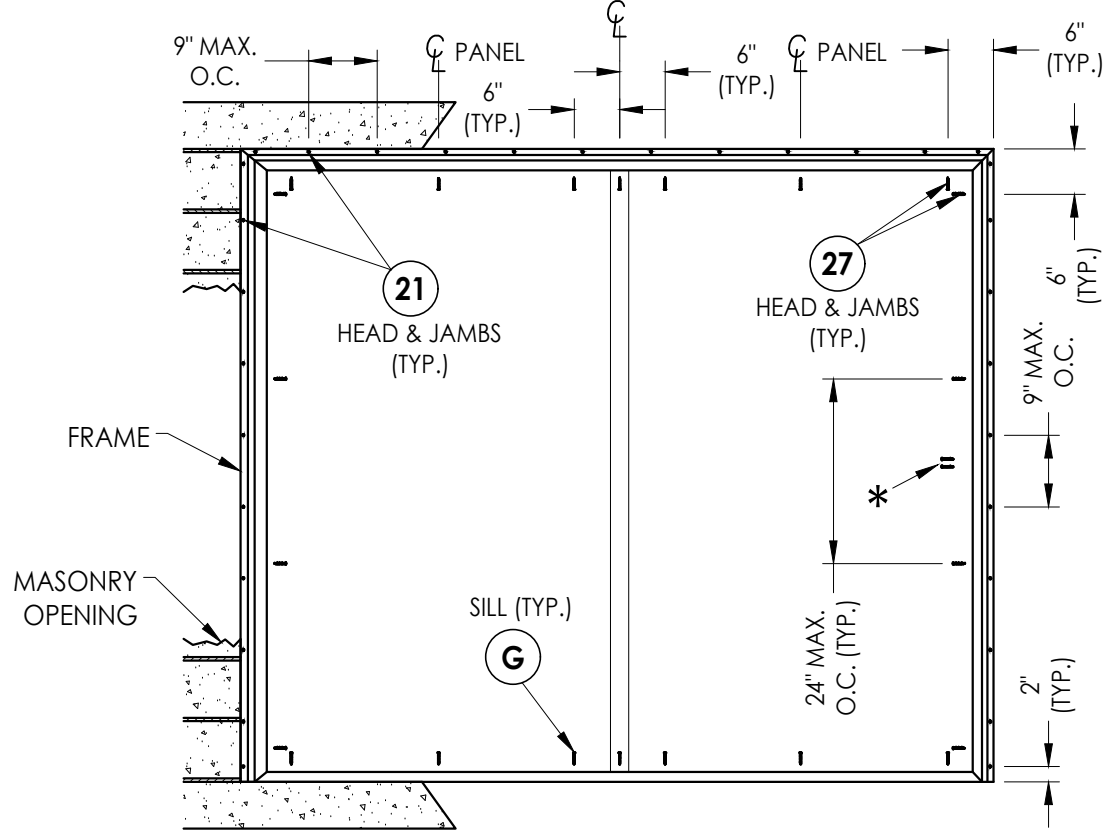
2 **VERTICAL CROSS SECTION**
(On crawl space)

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409										<i>RW</i> 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									

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BUCK ANCHORING



FRAME ANCHORING
2X BUCK

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.

- * INSTALL 2 SCREWS THROUGH KEEPER INTO SUBSTRATE AS FOLLOWS:
WOOD : #10 PH SMS (1.5" MIN. EMBEDMENT)
STEEL : #10 PH SMS (3 THREADS MIN. THROUGH STEEL)
CONCRETE: 3/16" Ø DeWALT ULTRAICON+ (1.25" MIN. EMBEDMENT)

CONCRETE ANCHOR NOTES:

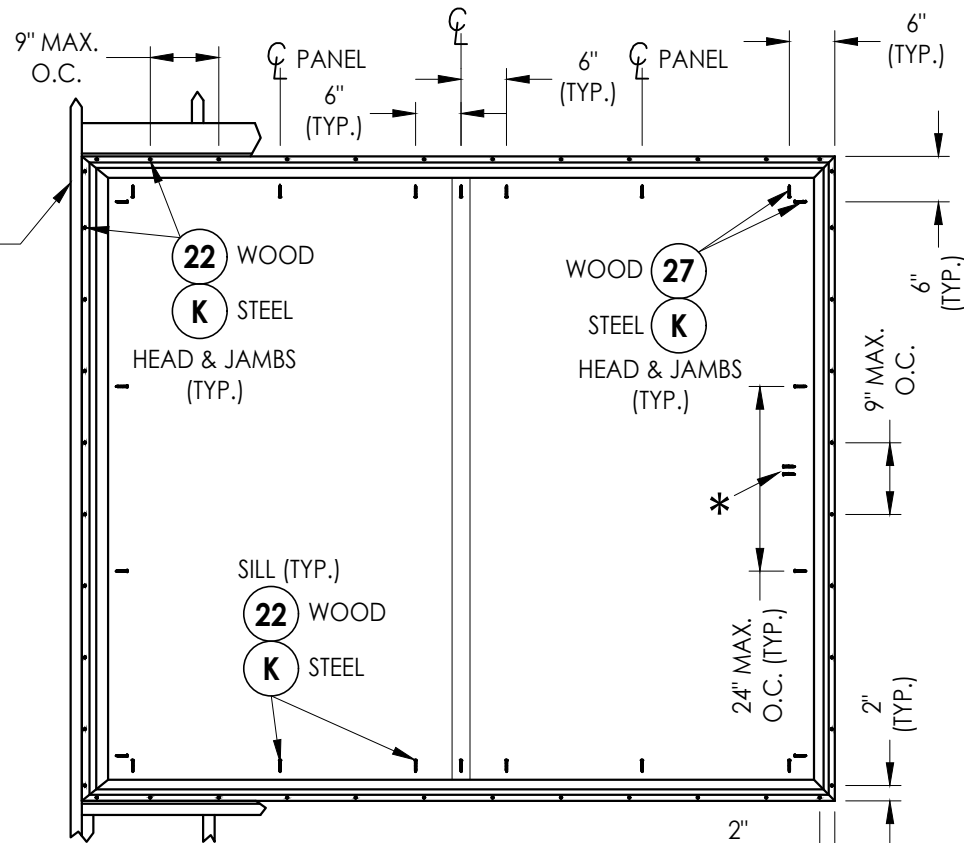
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON 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 ULTRAICON®	1/4"	1-1/4"	1"	4"
DeWALT ULTRAICON+®	3/16"	1-1/4"	2-1/2"	1-1/8"

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.

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



FRAME ANCHORING
(2X Stud, Steel Stud)

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

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

PRODUCT:
EXTRUDED VINYL
SLIDING PATIO DOORS

PART OR ASSEMBLY:
BUCK & FRAME
ANCHORING

NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	7/31/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	8/20/20	UPDATE TO 7TH ED. (2020) FBC DAC
NO.	DATE	BY

DATE: 3/11/09

SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

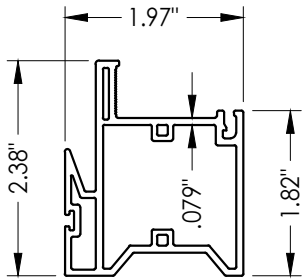
DRAWING NO.: FL-12323.19

SHEET 4 OF 5

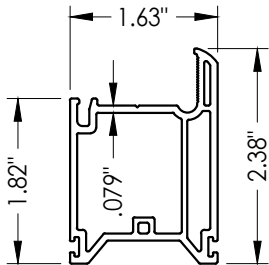
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	2X FRAMING (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	SHEATHING	WOOD
G	1/4" X 1-3/4" HWH 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 (#PD1201)	* 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 1" GLAZING BEAD (#BV22)	* RIGID PVC
7	STEEL GLAZING SPACER	-
8	ALUMINUM SILL TRACK (#PD22)	ALUMINUM
10	JAMB STILE (PD25) REINFORCEMENT ROLL FORMED STEEL (#RFPD03SOM)	STEEL
11	SASH INTERLOCK (PD24) REINFORCEMENT ROLL FORMED STEEL (#RFPD24SOM)	STEEL
12	FIXED INTERLOCK (PD34) REINFORCEMENT ROLL FORMED STEEL (#RFPD34SOM)	STEEL
13	SLIDING PATIO DOOR HANDLE SET #684 BY SASH CONTROLS	-
14	TANDEM ROLLER ASSEMBLY BY ULTRA #64266	STEEL
15	#10 X 1-1/4" PFH (MORTISE LOCK) SCREWS BY SASH CONTROLS	STEEL
18	PURFECT GLAZE 34-937A SEALANT BY NATIONAL ADHESIVES	SEALANT
19	WEATHERPILE .187" x .270" BY AMESBURY	-
21	#8 X 2" PPH SMSS (1-3/4" MIN. EMBEDMENT)	STEEL
22	#8 X 2-1/2" PPH SMSS (1-3/4" MIN. EMBEDMENT)	STEEL
25	#8 X 3/4" PFH SELF-DRILLING SMS	STEEL
26	#8 X 2-1/2" PPH SMS (EQ. GLS. ADAPTOR) SCREWS BY MERCHANTS	STEEL
27	#8 X 1-1/2" PPH SMS ANCHOR SCREWS (1" MIN. EMBEDMENT)	STEEL
28	EXTRUDED VINYL SCREEN TRACK (#PDT58)	* RIGID PVC
29	SILICONE SEALANT (NOVAFLEX) BY NOVAGUARD	SILICONE
30	HOLE PLUGS BY ASHLAND (I 3034)	PLASTIC

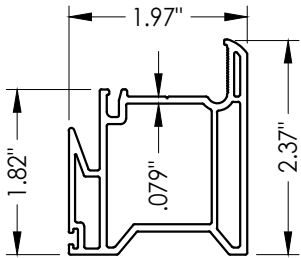
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



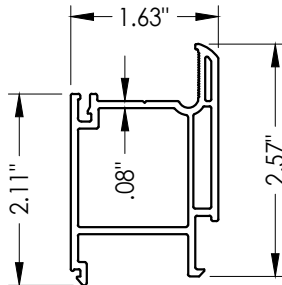
4 FIXED INTERLOCK
Extruded vinyl



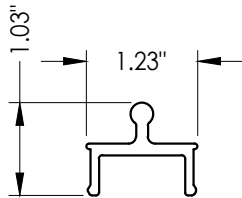
2 STILE / RAIL
Extruded vinyl



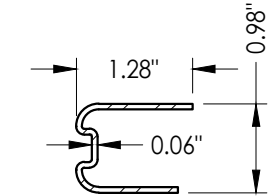
3 SASH INTERLOCK
Extruded vinyl



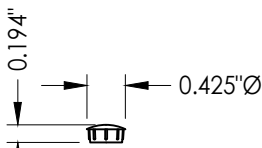
5 EQUAL GLASS ADAPTOR
Extruded vinyl



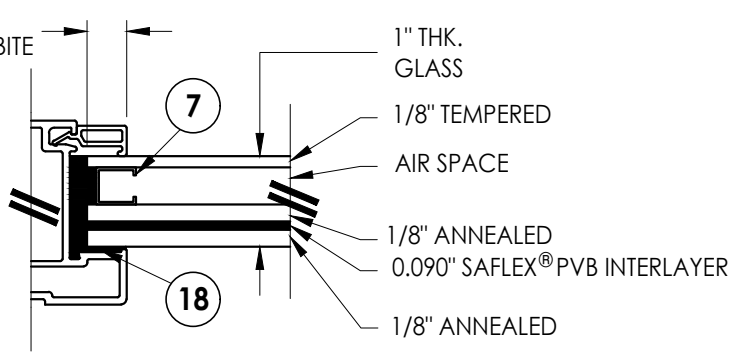
28 SCREEN TRACK
Extruded vinyl



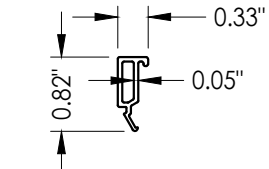
10 M JAMB STILE (PD25)
Reinforcement
Roll formed steel



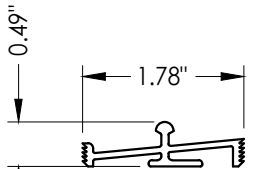
30 HOLE PLUG



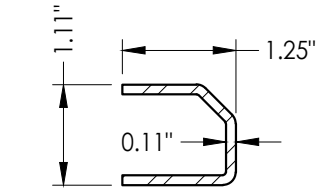
G1 GLAZING DETAIL



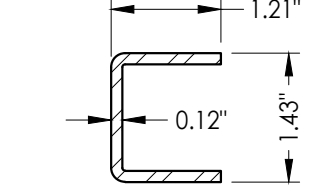
6 GLAZING BEAD
Extruded vinyl



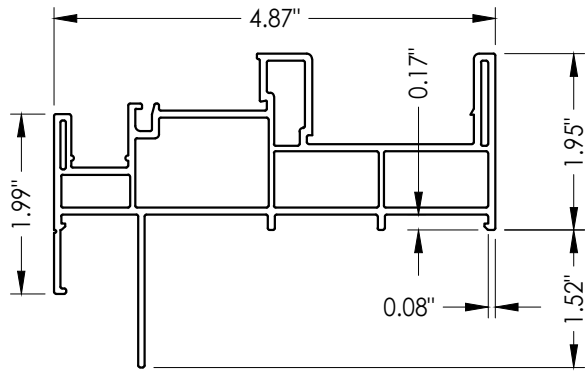
8 SILL TRACK
Extruded aluminum



11 SASH INTERLOCK (PD24)
Roll formed steel



12 FIXED INTERLOCK (PD34)
Roll formed steel



1 HEAD / SILL / JAMB
Extruded vinyl

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:
BILL OF MATERIALS, GLAZING
DETAIL & COMPONENTS

NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	7/31/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	8/20/20	UPDATE TO 7TH ED. (2020) FBC DAC

DATE: 3/11/09

SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

DRAWING NO.:

FL-12323.19

SHEET 5 OF 5