

\\dc01\rvbc\Clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL 15560 (2020)\FL-15560.6-7.dwg

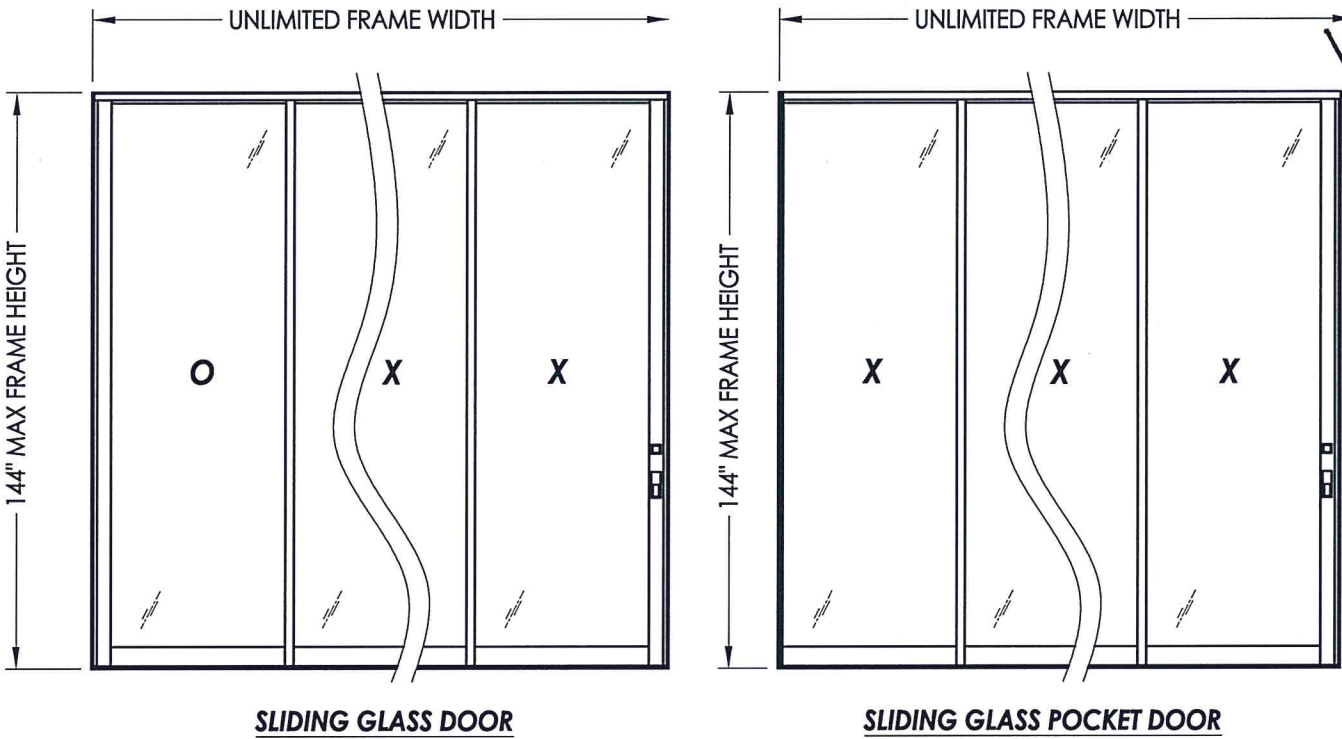


Series 3070-HI
Sliding Glass / Pocket Door
"IMPACT"

GENERAL NOTES

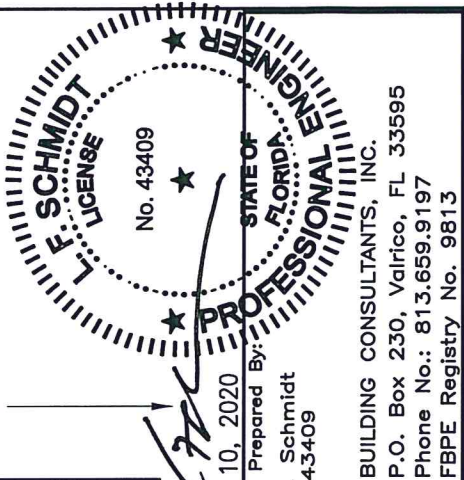
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in areas requiring wind borne debris protection this product 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 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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.

TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Elevations
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring
6	Buck anchoring
7	Frame anchoring
8	Components
9	Bill of materials, glazing details & components



DOOR TYPE	MAX FRAME DIMENSION	MAX PANEL DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
SLIDING GLASS DOOR	UNLIMITED X 144.0"	49.63" X 142.0"	43.5" X 135.5"	G1	+55.0	-60.0
SLIDING GLASS POCKET DOOR	UNLIMITED X 144.0"	49.63" X 142.0"	43.5" X 135.5"	G1	+55.0	-60.0

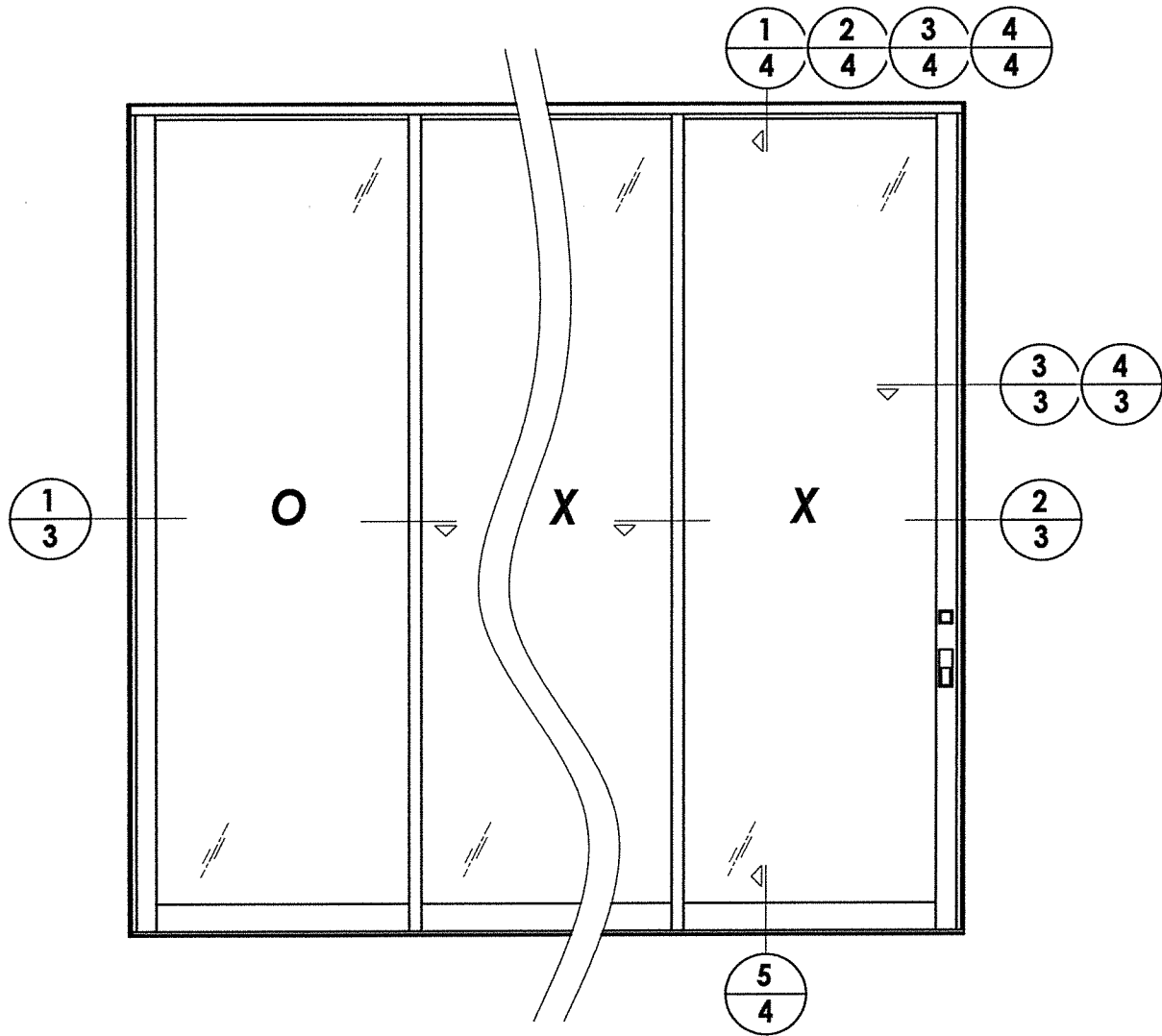
Note: 3 panels shown, however, any combination of fixed and operable panels is allowed. There is not a limit on the number of panels.



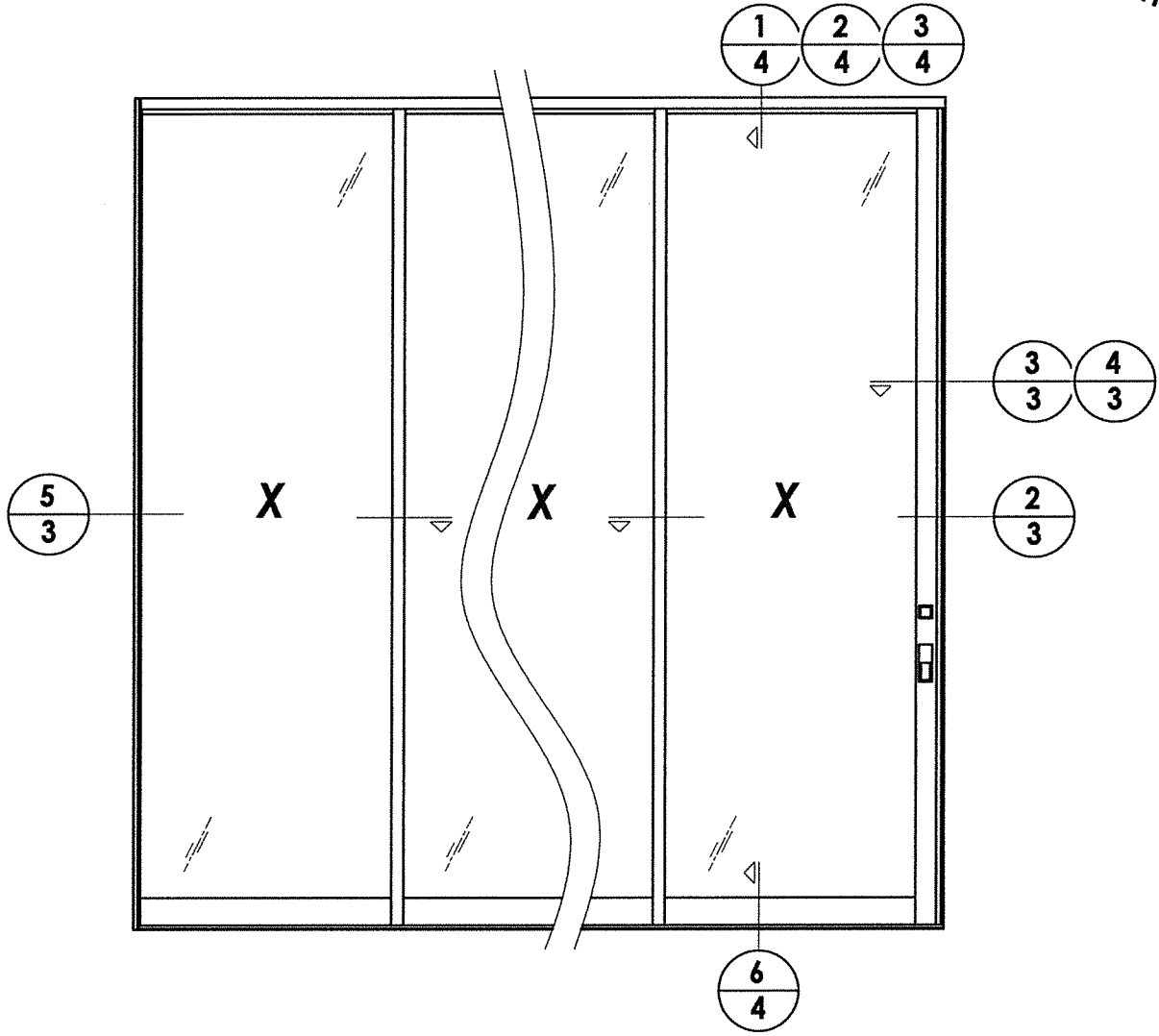
August 10, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

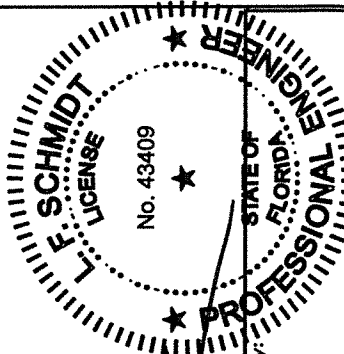
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		DAC	LFS	JK	JK	BY	
		UPDATE TO 7TH ED. (2020) FBC	UPDATE TO 6TH ED. (2017) FBC	CHANGE NAME	UPDATE TO 5TH ED. (2014) FBC	NO.	DATE
4	8/10/20						
3	08/08/17						
2	8/06/15						
1	04/22/15						
REVISIONS							
DATE: 3/10/14							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15560.7							
SHEET 1 OF 9							



SLIDING GLASS DOOR



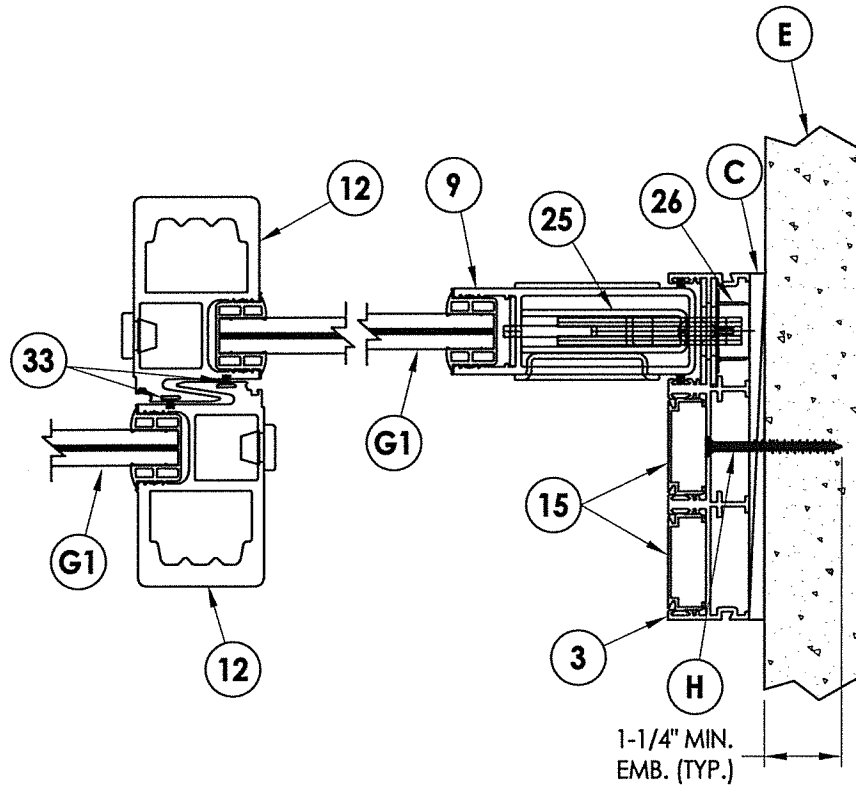
SLIDING GLASS POCKET DOOR



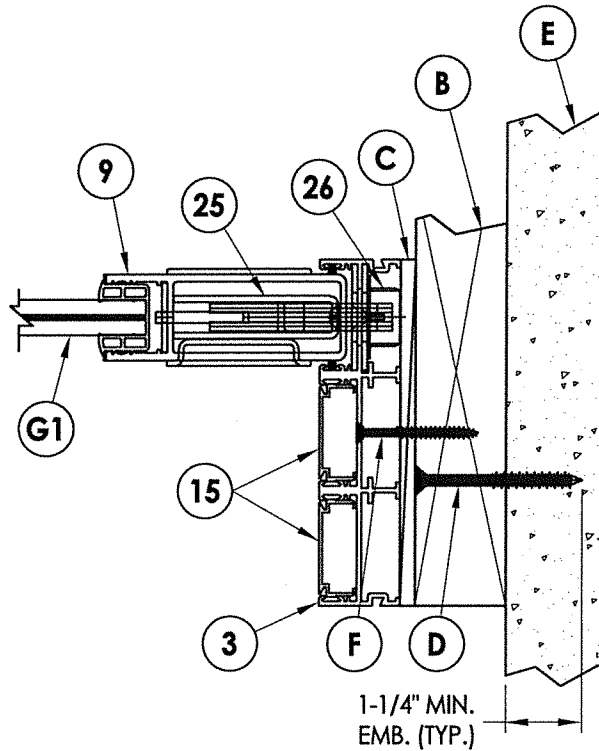
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PRODUCT:				FLEETWOOD WINDOWS & DOORS				PART OR ASSEMBLY:				ELEVATIONS			
				4	8/10/20	UPDATE TO 7th ED. (2020)	FBC	DAC							
				3	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS							
				2	8/06/15	CHANGE NAME		JK							
				1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK							
				NO.	DATE			BY							
DATE:				3/10/14											
SCALE:				N.T.S.											
DWG. BY:				JK											
CHK. BY:				LFS											
DRAWING NO.:				FL-15560.7											
SHEET				2		OF		9							

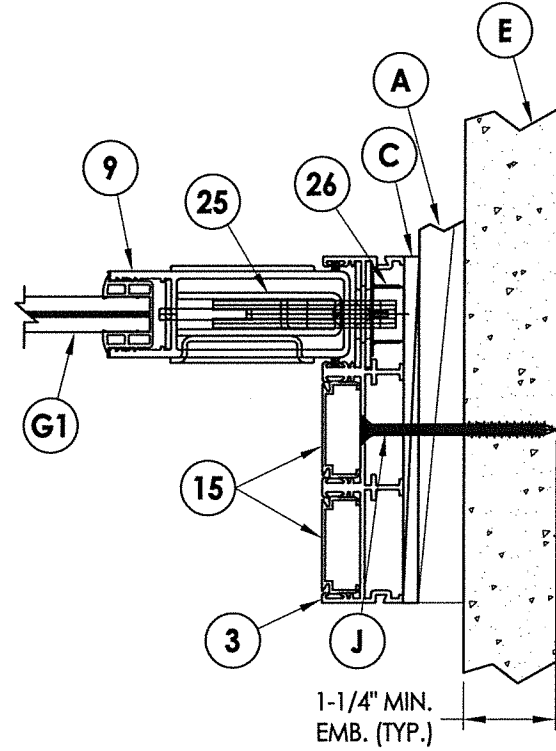
\\dc01\wbc\clients\Fleetwood PERMANENTVA - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL 15560 (2020)\FL-15560.6-7.dwg



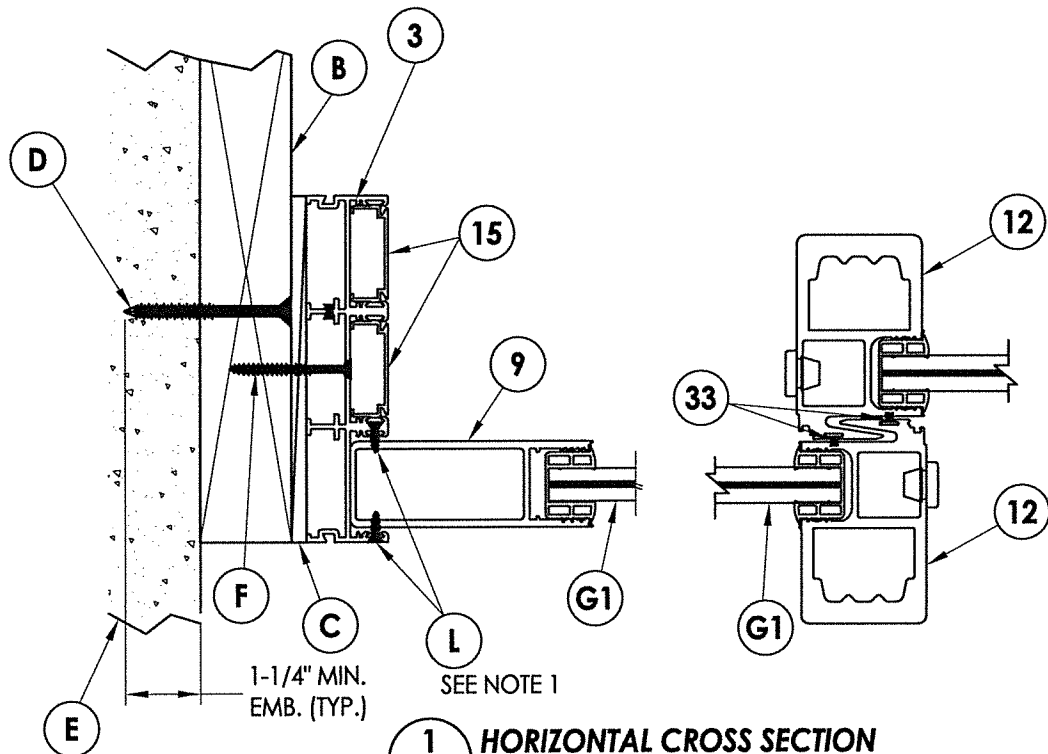
2
3 **HORIZONTAL CROSS SECTION**
Direct to masonry



3
3 **HORIZONTAL CROSS SECTION**
2X Buck Construction



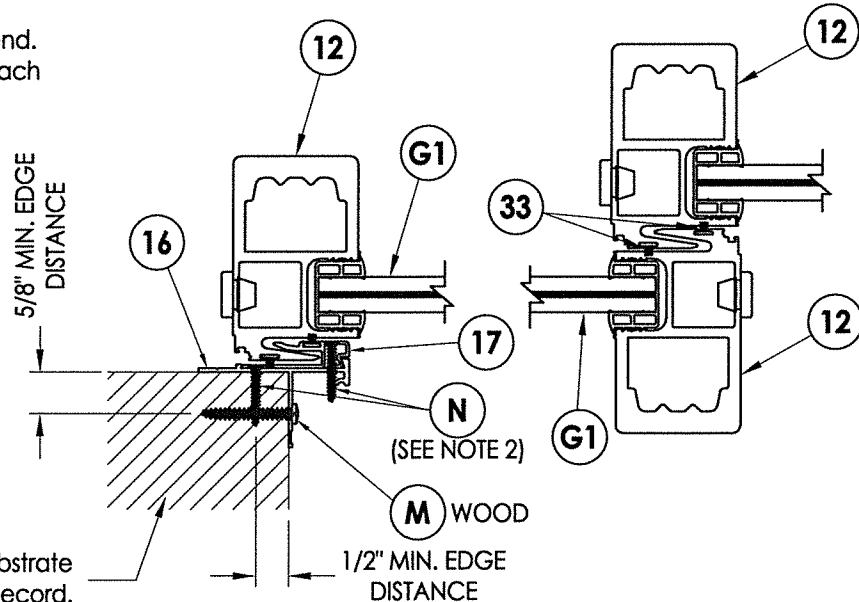
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3 **HORIZONTAL CROSS SECTION**
1X Buck Construction



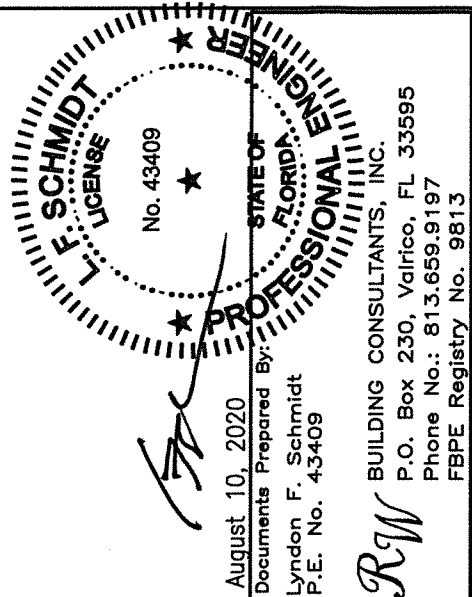
1
3 **HORIZONTAL CROSS SECTION**
Sliding Glass Door

NOTE:
1. Fixed panel screws located 39" from each end.
2. Interlock clip screws (Item #N) located at each nail-fin attachment screw (Item #M)

Wood Framing and connection to substrate to be design by Architect or Engineer of Record.



5
3 **HORIZONTAL CROSS SECTION**
Sliding Glass Pocket Door



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PRODUCT: FLEETWOOD WINDOWS & DOORS
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
4	8/10/20	UPDATE TO 7th ED. (2020) FBC
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2	8/06/15	CHANGE NAME
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 3/10/14

SCALE: N.T.S.

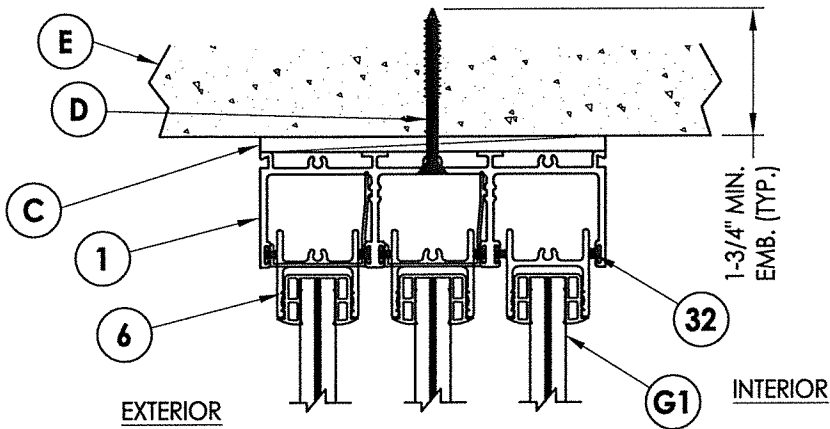
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15560.7

SHEET 3 OF 9

\\dc01\wbc\Clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL 15560 (2020)\FL-15560.6-7.dwg

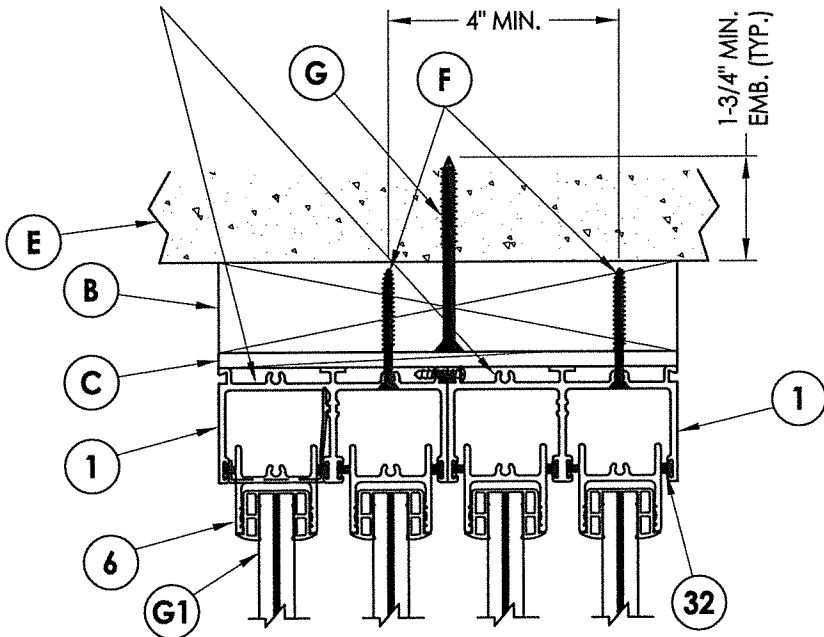


1
4 **VERTICAL CROSS SECTION**
Direct to masonry

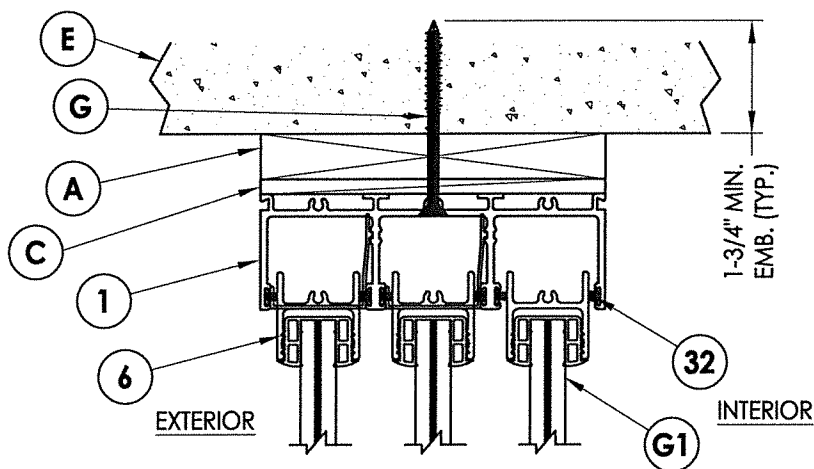
NOTE:

1. A full-depth cut-out (1" wide x 3/16" tall) in track base is necessary to allow for water drainage (12" from each end and 24" o.c.).
2. The 2" high sill pan is limited to a positive design pressure ≤ 40 PSF.

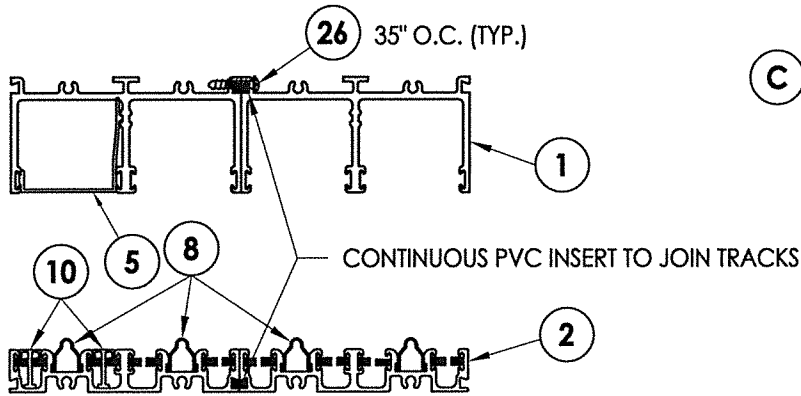
Each additional track must be independently anchored as per the frame anchoring (see sheet 5). Maintain 4" min clearance between concrete anchors.



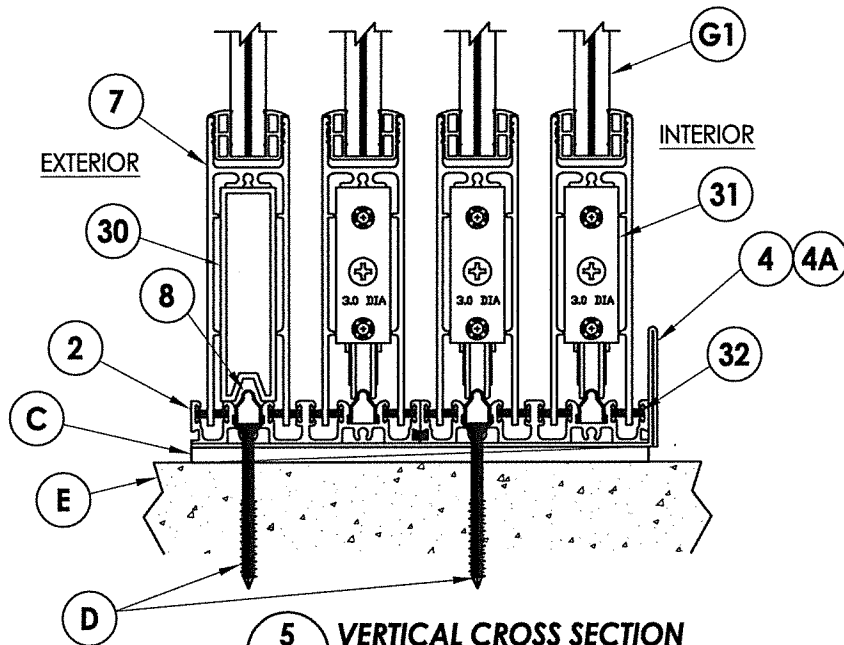
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4 **VERTICAL CROSS SECTION**
2X Buck Construction
Sliding Glass Door (Shown w/ 4 tracks)



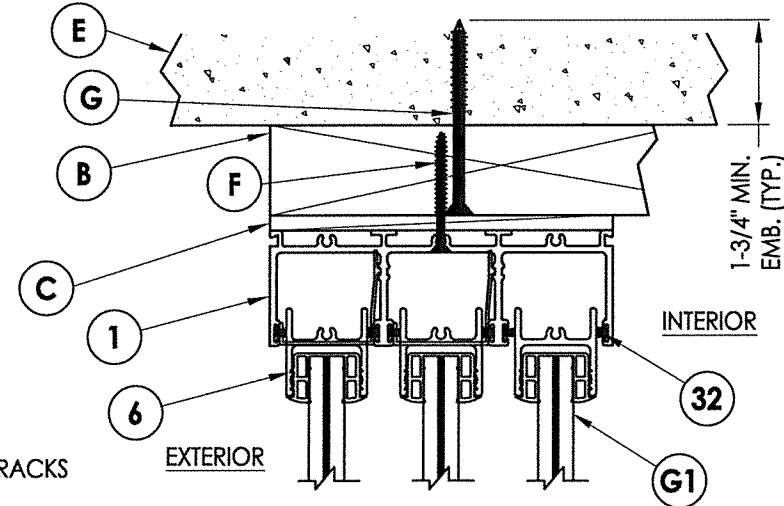
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4 **VERTICAL CROSS SECTION**
1X Buck Construction



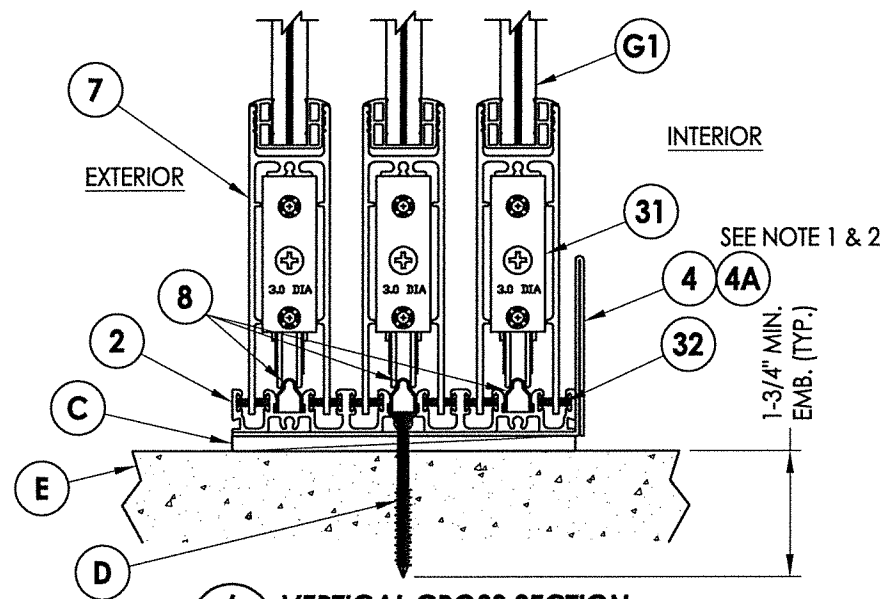
HEAD & SILL COVER CONDITION



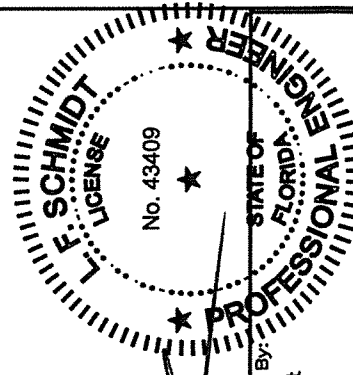
5
4 **VERTICAL CROSS SECTION**
Direct to masonry
Sliding Glass Door (Shown w/ 4 tracks)



3
4 **VERTICAL CROSS SECTION**
2X Buck Construction



6
4 **VERTICAL CROSS SECTION**
Direct to masonry
Sliding Glass Pocket Door

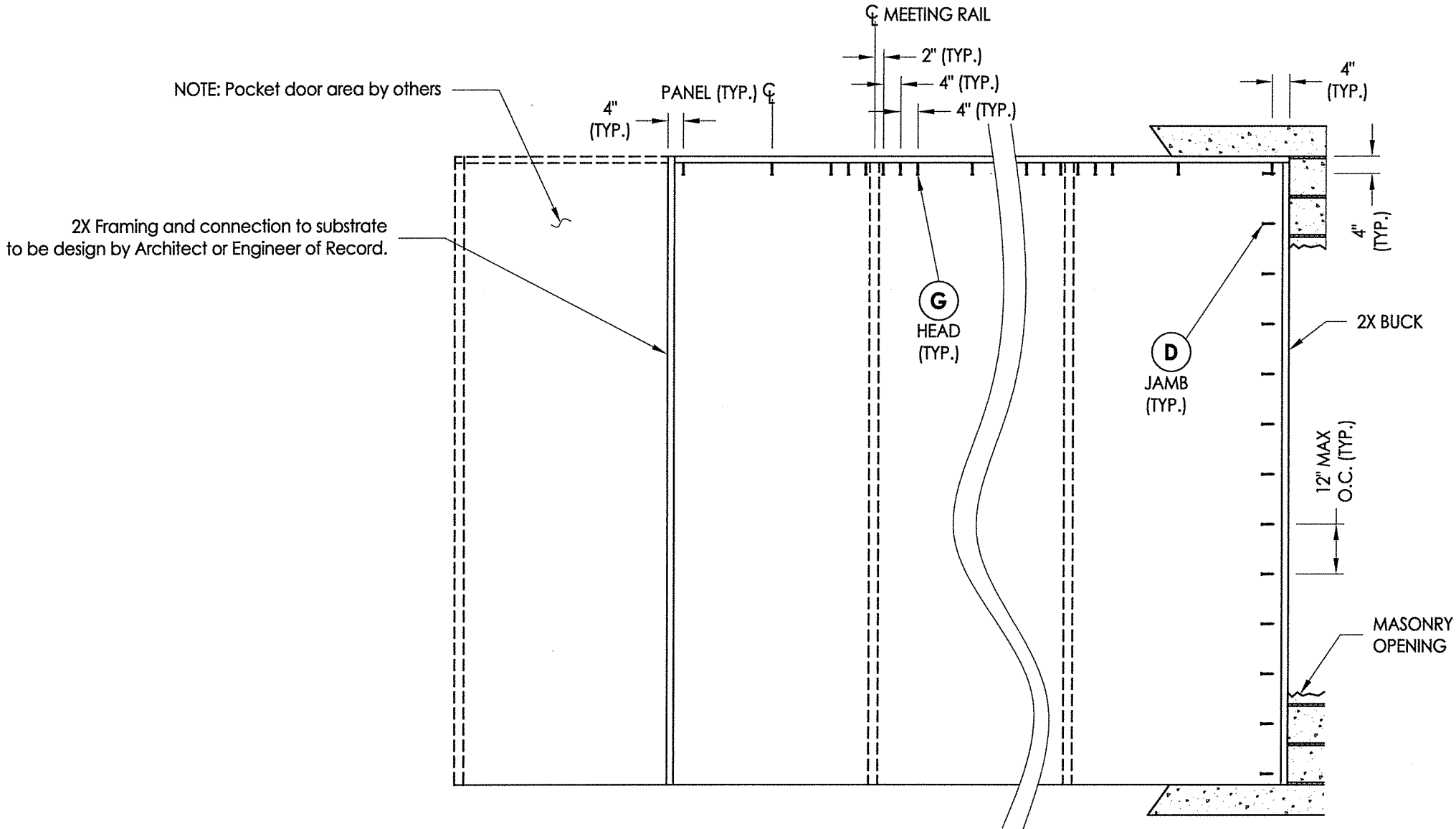


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FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS & DOORS		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
		</					



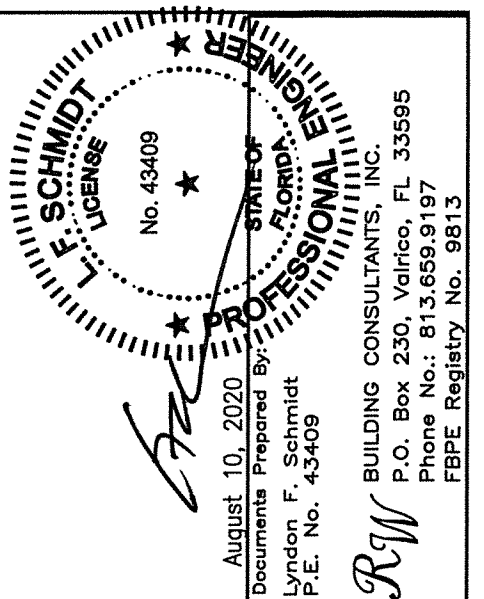
2X BUCK ANCHORING

Sliding Glass Pocket Door

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. Concrete anchor table:

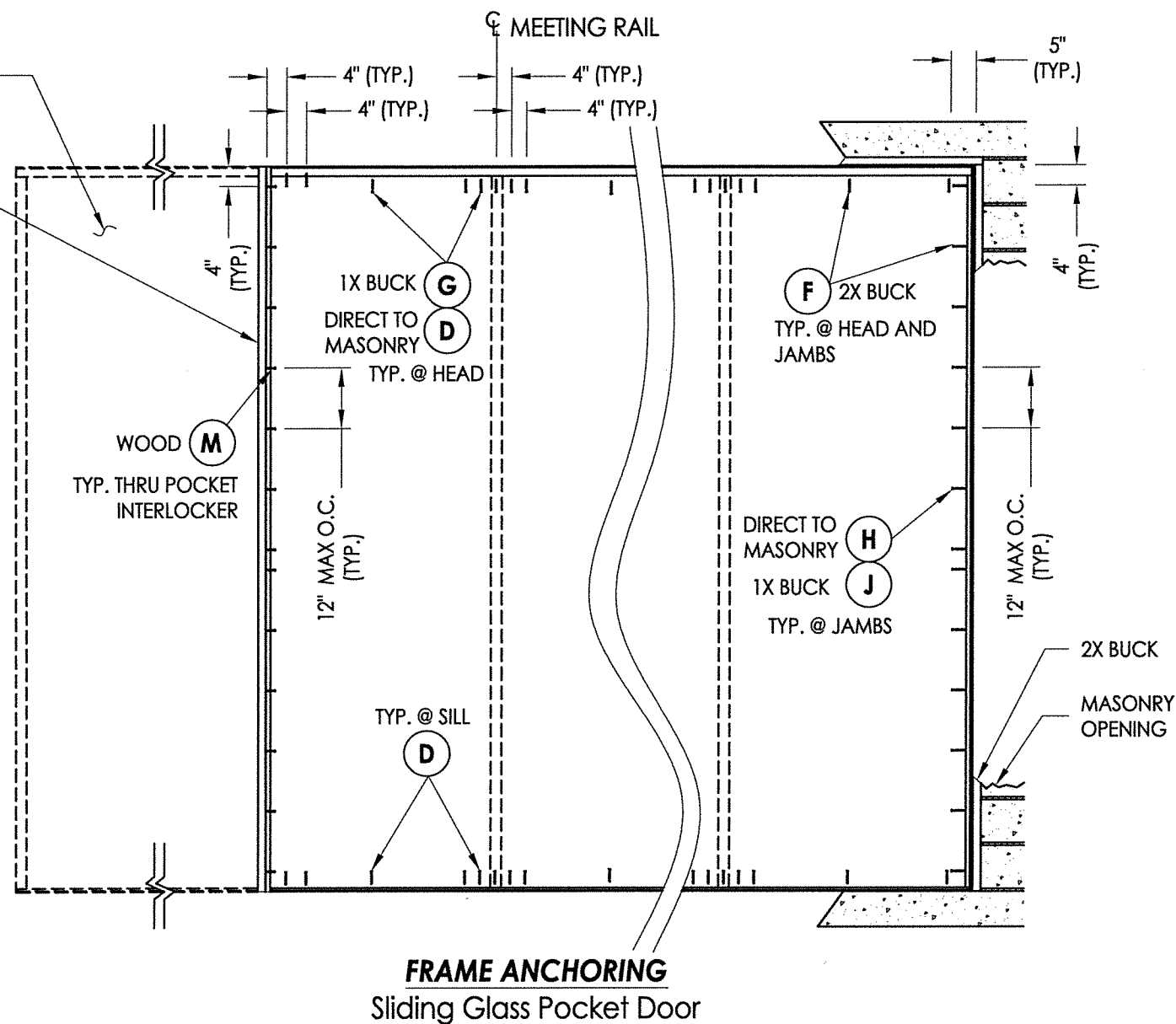
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4" (Jambs) 1-3/4" (Head/Sill)	2-1/2"	4"
DeWALT ULTRACON®	1/4"	1-1/4" (Jambs) 1-3/4" (Head/Sill)	2-1/2"	4"



						PRODUCT:	
						FLEETWOOD WINDOWS & DOORS	
						PART OR ASSEMBLY:	
						BUCK ANCHORING	
						DAC	
		4		8/10/20		UPDATE TO 7TH ED. (2020) FBC	
		3		08/08/17		UPDATE TO 6TH ED. (2017) FBC	
		2		08/06/15		CHANGE NAME	
		1		04/22/15		UPDATE TO 5TH ED. (2014) FBC	
		NO.		DATE		BY	
REVISIONS							
DATE:				3/10/14			
SCALE:				N.T.S.			
DWG. BY:				JK			
CHK. BY:				LFS			
DRAWING NO.:				FL-15560.7			
SHEET				6 OF 9			

NOTE: Pocket door area by others

2X Framing and connection to substrate
to be design by Architect or Engineer of Record.



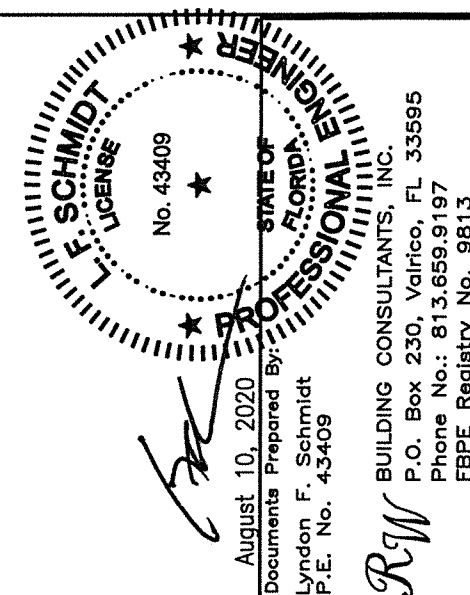
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WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 3/4" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

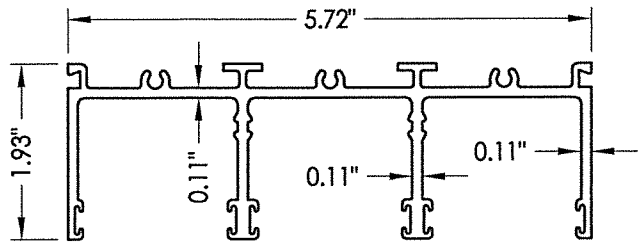


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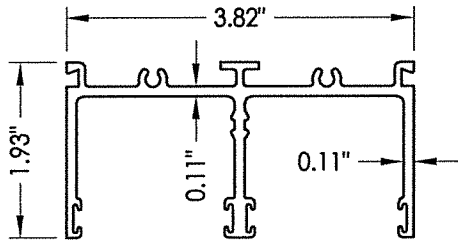
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPF Registry No. 9813

DATE: 3/10/14		PRODUCT:		FLEETWOOD WINDOWS & DOORS	
SCALE: N.T.S.					
DWG. BY: JK		4 8/10/20		UPDATE TO 7TH ED. (2020) FBC	
CHK. BY: LFS		3 08/08/17		UPDATE TO 6TH ED. (2017) FBC	
DRAWING NO.: FL-15560.7		2 08/06/15		CHANGE NAME	
		1 04/22/15		UPDATE TO 5TH ED. (2014) FBC	
		NO. DATE		BY	
				REVISIONS	
SHEET 7 OF 9				PART OR ASSEMBLY: FRAME ANCHORING	

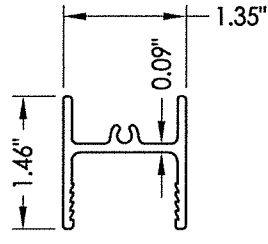
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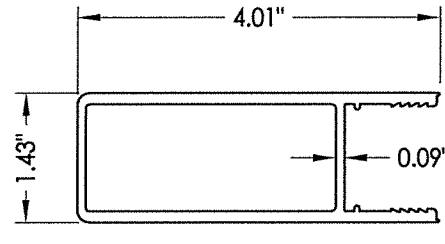
1 HEAD TRACK
3 Runs



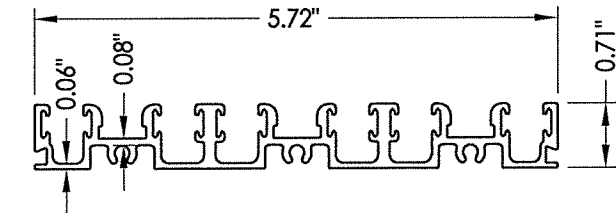
1 HEAD TRACK
2 Runs



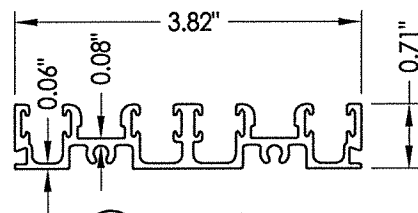
6 TOP RAIL



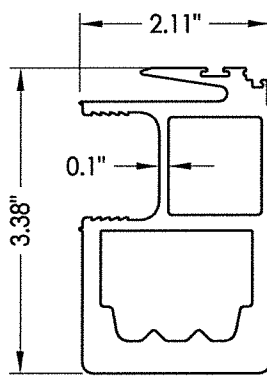
9 STILE



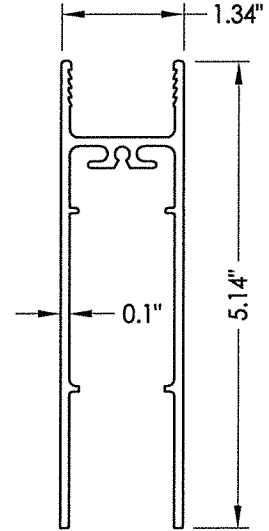
2 SILL TRACK
3 Runs



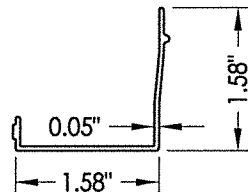
2 SILL TRACK
2 Runs



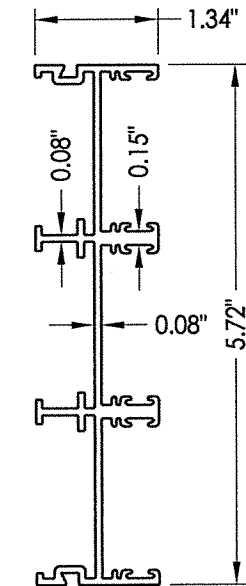
12 INTERLOCK STILE
High Performance



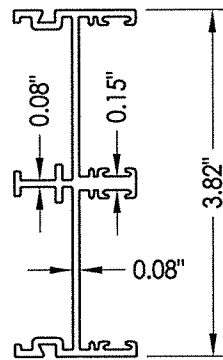
7 BOTTOM RAIL



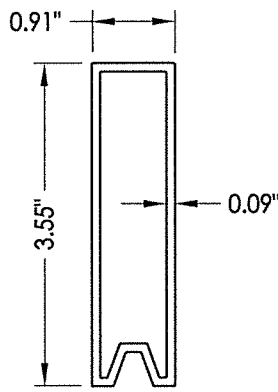
5 HEAD CHANNEL FILLER



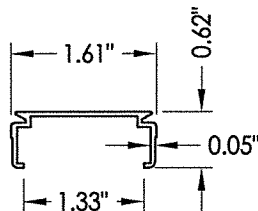
3 JAMB TRACK
3 Runs



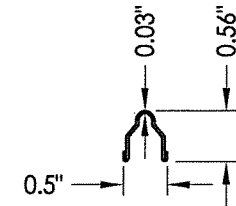
3 JAMB TRACK
2 Runs



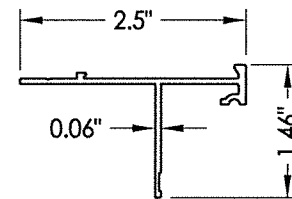
30 PANEL SETTING BLOCK



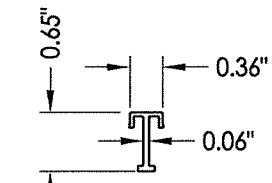
15 JAMB CHANNEL FILLER



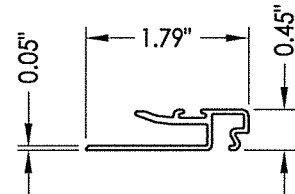
8 TRACK



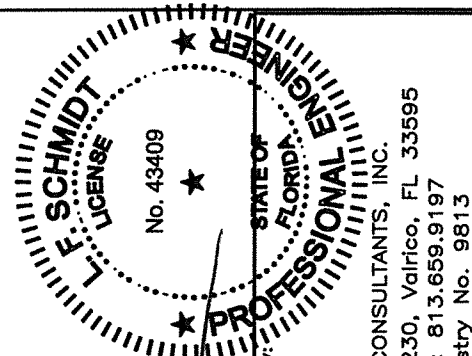
16 POST INTERLOCKER NAIL-FIN



10 SILL CHANNEL FILLER



17 POST INTERLOCKER CLIP



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FBPE Registry No. 9813

PRODUCT: FLEETWOOD WINDOWS & DOORS
PART OR ASSEMBLY: COMPONENTS

REVISIONS			
NO.	DATE	BY	JK
4	8/10/20	UPDATE TO 7th ED. (2020)	FBC
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2	8/06/15	CHANGE NAME	JK
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DATE: 3/10/14

SCALE: N.T.S.

DWG. BY: JK

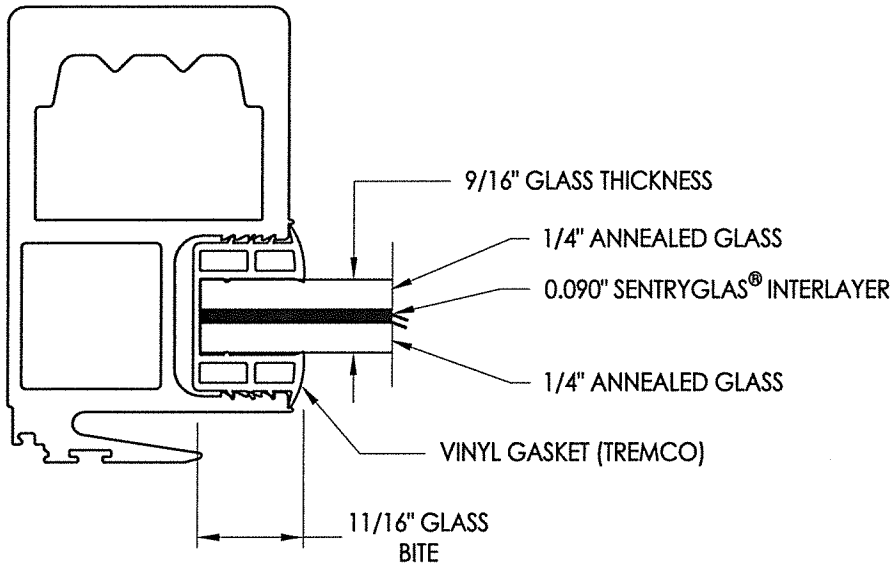
CHK. BY: LFS

DRAWING NO.: FL-15560.7

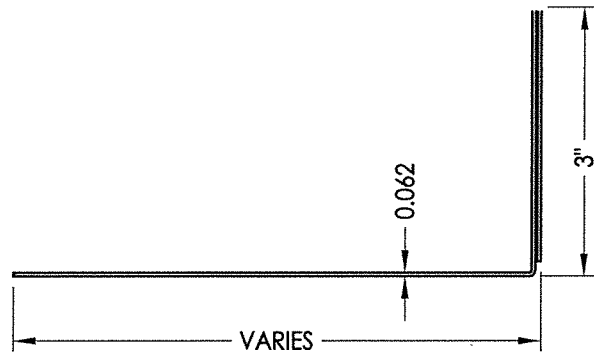
SHEET 8 OF 9

\\dc01\rbw\clients\Fleetwood PERMANENTVA - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL 15560 (2020)\FL-15560.6-7.dwg

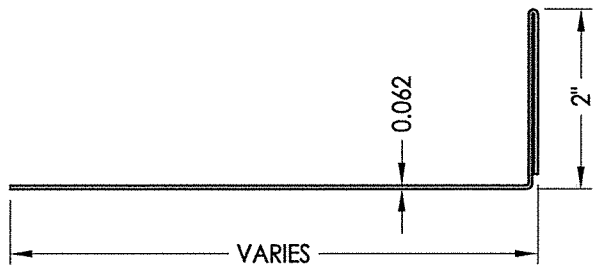
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH SMS (1" MIN. EMBEDMENT)	STEEL
G	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
H	1/4" X 2-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
J	1/4" X 3-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
M	#10 X 1-1/2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
N	#10 X 1" PFH SMS (7/8" MIN. EMBEDMENT)	STEEL
1	HEAD TRACK (3 RUNS)	6063-T6 ALUM
2	SILL TRACK (3 RUNS)	6063-T6 ALUM
3	JAMB TRACK (3 RUNS)	6063-T6 ALUM
4	SILL PAN (3")	5052 -ALUM
4A	SILL PAN (2")	5052 -ALUM
5	HEAD CHANNEL FILLER	6063-T6 ALUM
6	TOP RAIL	6063-T6 ALUM
7	BOTTOM RAIL	6063-T6 ALUM
8	TRACK	S.S.
9	STILE	6063-T6 ALUM
10	SILL CHANNEL FILLER	6063-T6 ALUM
12	HIGH PERFORMANCE INTERLOCK STILE	6063-T6 ALUM
15	JAMB CHANNEL FILLER	6063-T6 ALUM
16	POST INTERLOCKER NAIL-FIN	6063-T6 ALUM
17	POST INTERLOCKER CLIP	6063-T6 ALUM
25	LATCH ASSY.(JAMB)	-
26	STRIKE PLATE ASSY.(JAMB)	-
27	#8 X 3/4" PPH SMS	STEEL
30	PANEL SETTING BLOCK	6063-T6 ALUM
31	MAMMOTH ROLLER ASSEMBLY	-
32	CENTER-FIN WEATHERSEAL .290 HIGH PILE (AMESBURY 43629-270)	-
33	HEAVY DENSITY WEATHERSEAL .300 HIGH PILE (AMESBURY 413330-270)	-



G1 GLAZING DETAIL



4 3" SILL PAN



4A 2" SILL PAN

		August 10, 2020 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: FLEETWOOD WINDOWS & DOORS		PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAILS & COMPONENTS			
4	8/10/20	UPDATE TO 7th ED. (2020)	FBC	DAC	
3	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
2	8/06/15	CHANGE NAME		JK	
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
	NO.	DATE		BY	
REVISIONS					
DATE: 3/10/14					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15560.7					
SHEET 9 OF 9					