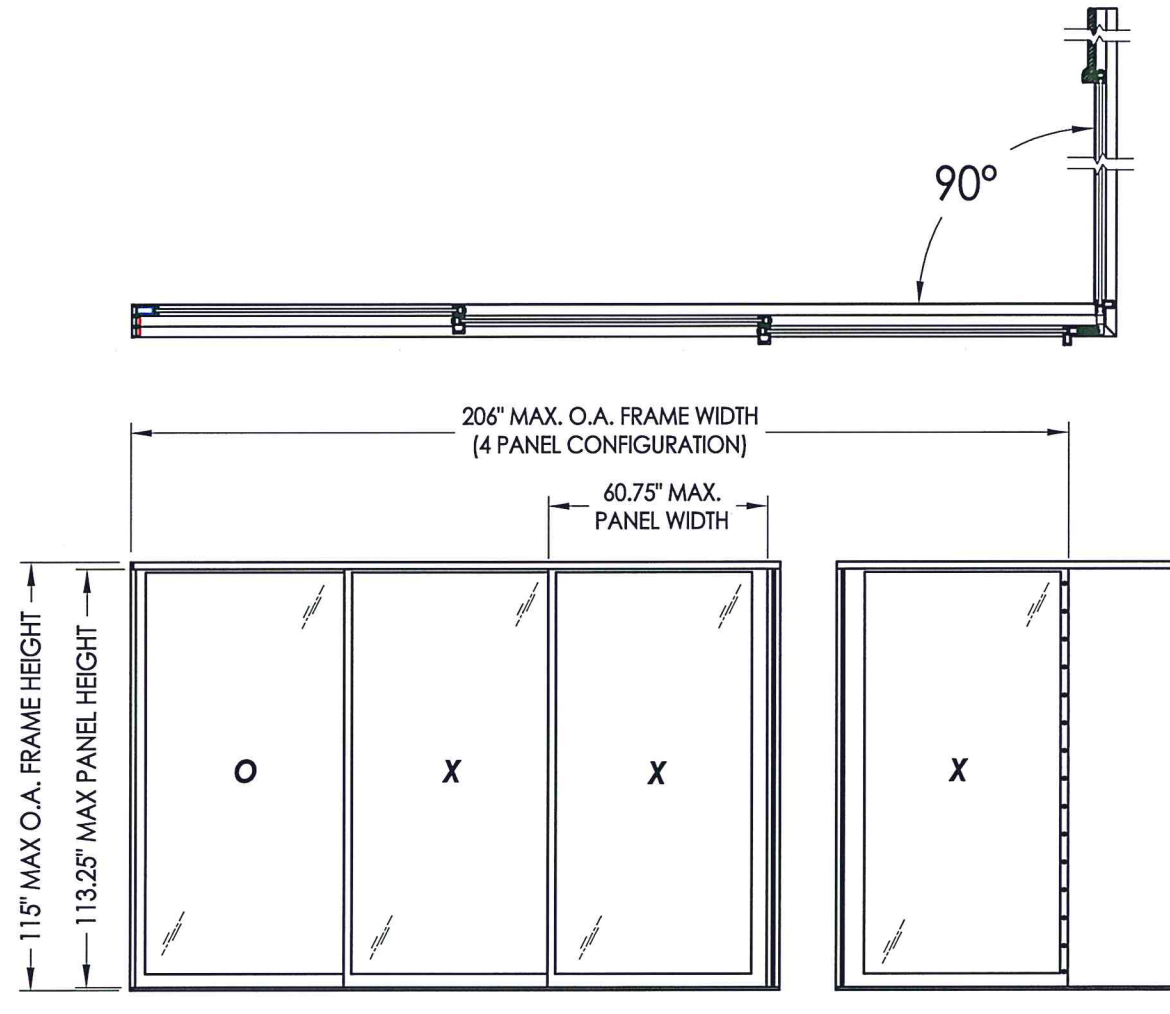


Series 3070-HI Sliding Glass Pocket Door w/ 90° Outside Corner "IMPACT"

GENERAL NOTES

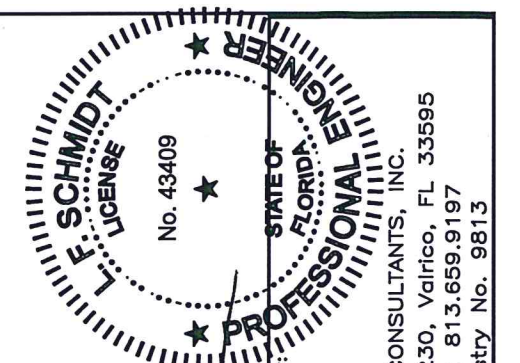
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" 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.
5. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. This product meets water infiltration requirements for "HVHZ".
8. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.
9. Gaskets shall comply with FBC Section 2411.3.4.

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



MAX PANEL DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
60.75" X 113.25"	52.63" X 106.5"	G1, G2, G4	+55.0	-60.0
60.75" X 98.25"	52.63" X 91.5"	G3	+55.0	-60.0
51.12" X 113.25"	43.0" X 106.5"	G3	+55.0	-60.0

Note: 3 + 1 Panels shown, however, any combination of fixed and operable panels is allowed. There is not a limit on the number of panels.

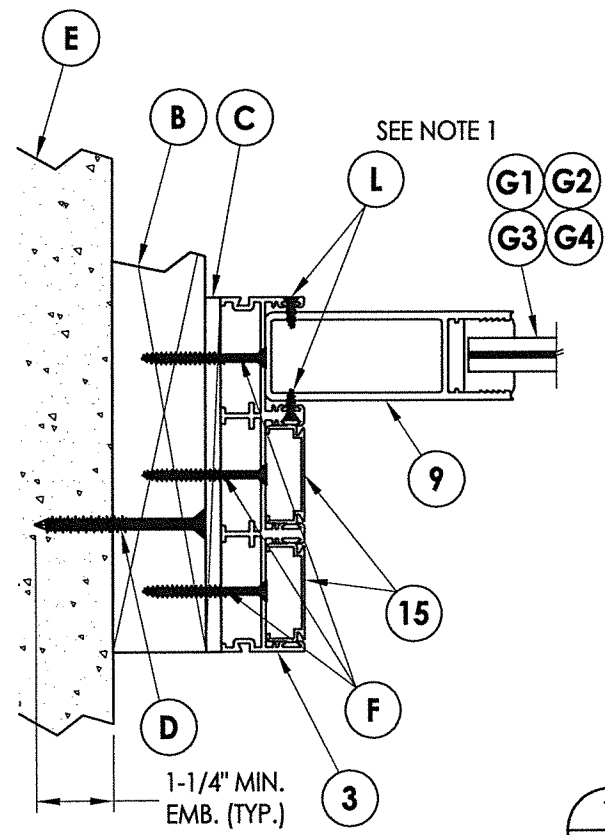
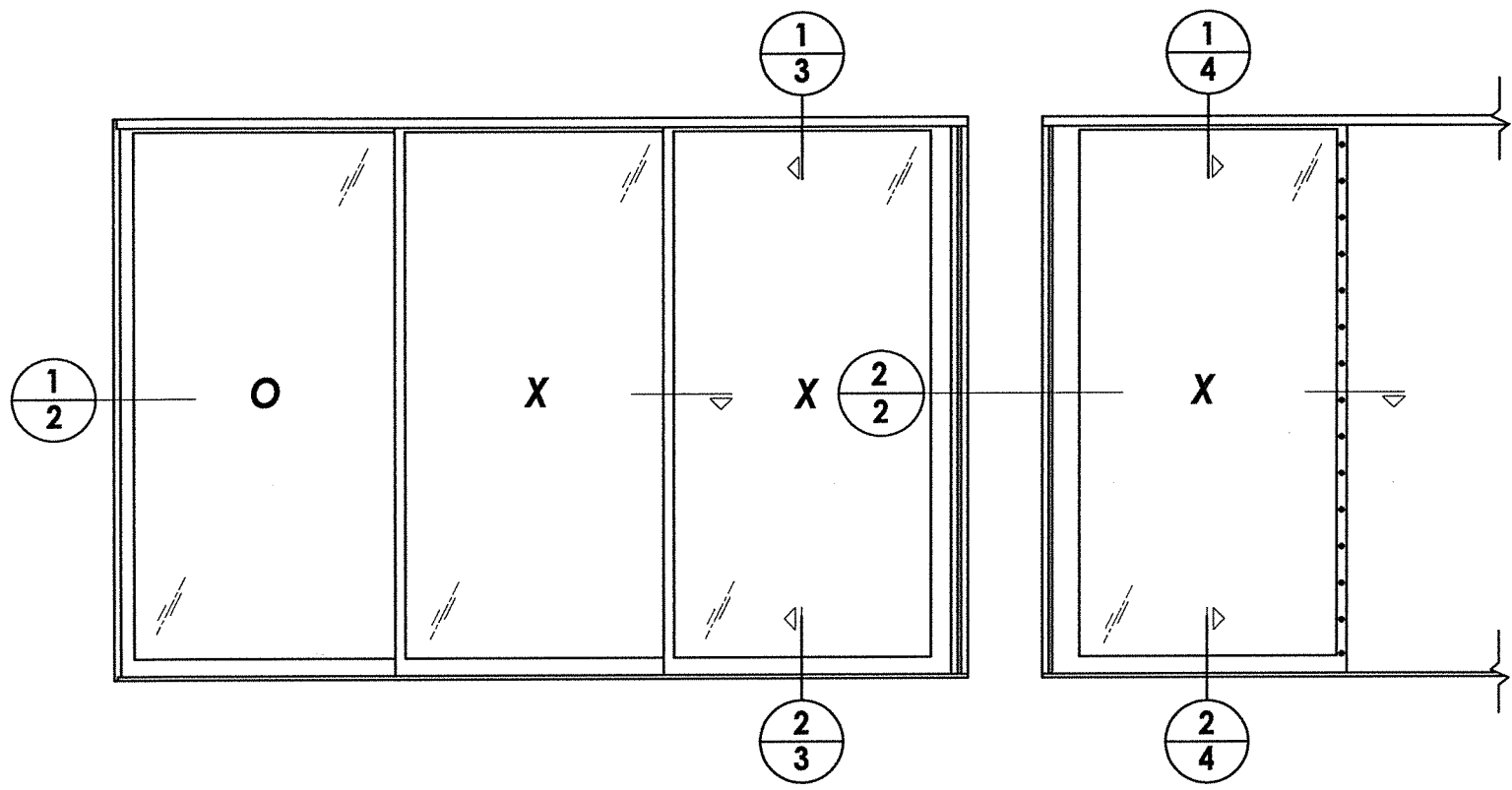


August 10, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409

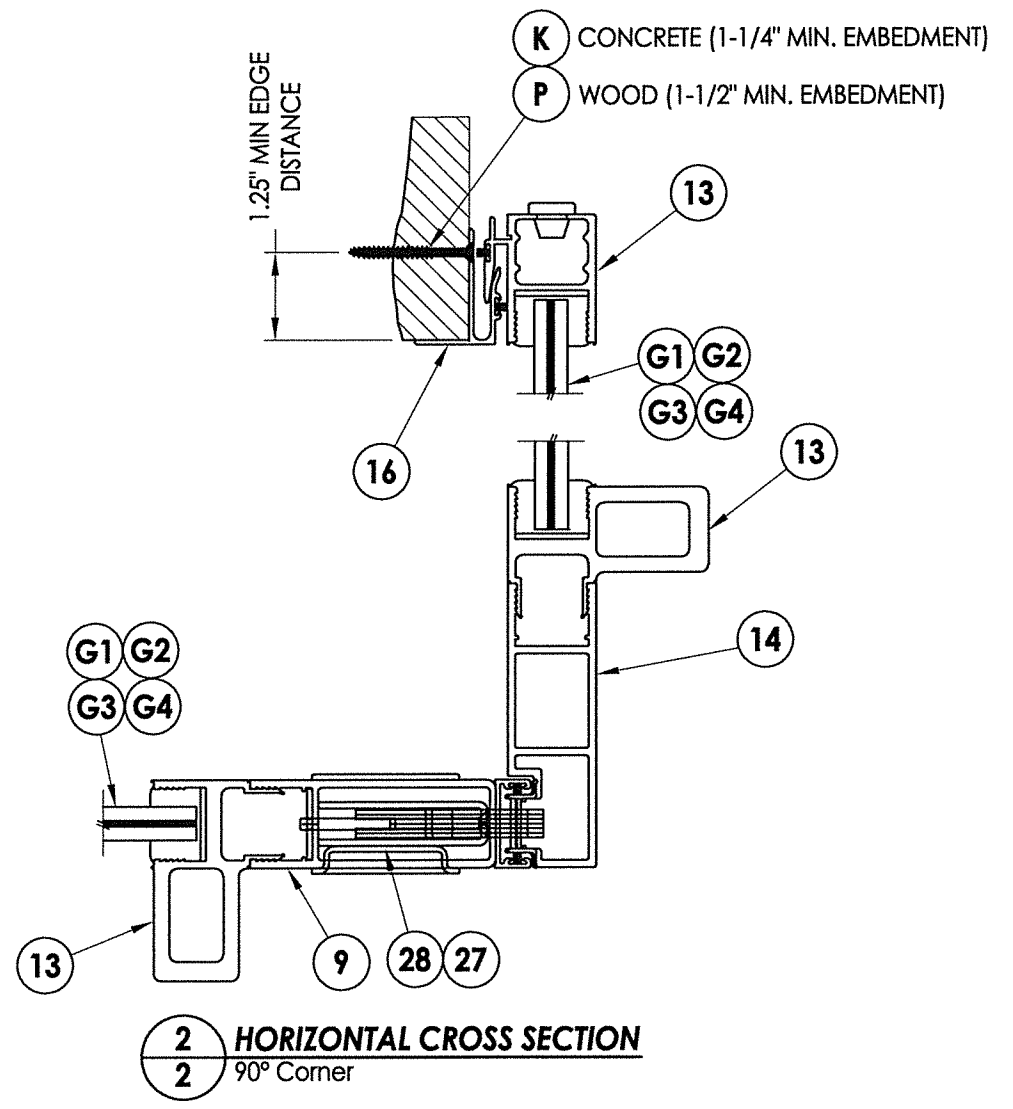
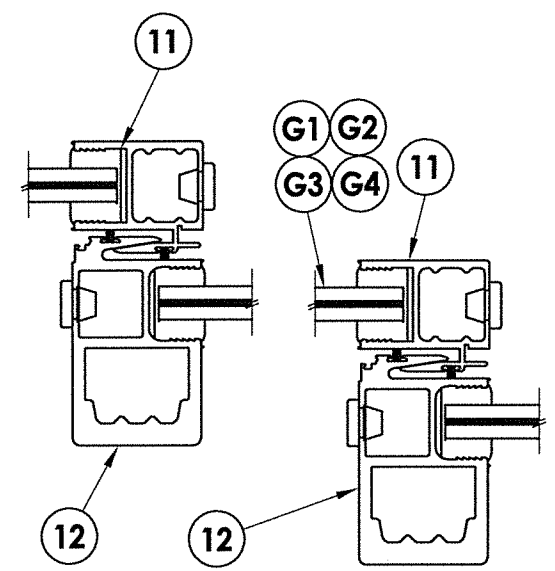
R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:	FLEETWOOD WINDOWS & DOORS
PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
DAC	JK
LFS	JK
JK	JK
JK	JK
BY	JK
REVISIONS	
5	8/10/20 UPDATE TO 7TH ED. (2020) FBC
4	08/08/17 UPDATE TO 6TH ED. (2017) FBC
3	8/06/15 CLARIFY MAX PANEL SIZE, REVISE G3 GLAZING & CHANGE NAME
2	04/22/15 UPDATE TO 5TH ED. (2014) FBC
1	10/30/12 ADD PANEL SIZE
NO.	DATE
DATE: 04/30/12	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-15560.4	
SHEET 1 OF 8	

\\dc01\pwrba\clients\Fleetwood PERMANENTVA - Florida Product Approvals\EL-15560 Sliding Patio Doors\C - Drawings\EL-15560.1-5.dwg

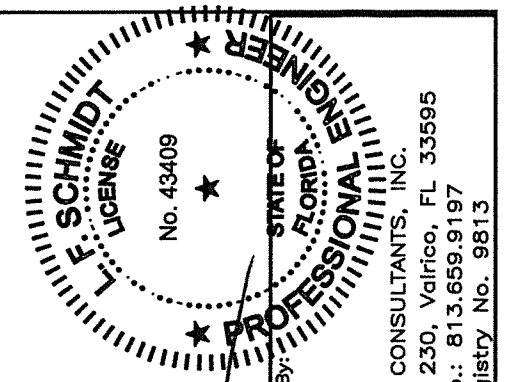


1 HORIZONTAL CROSS SECTION
2 2X Buck Construction



2 HORIZONTAL CROSS SECTION
2 90° Corner

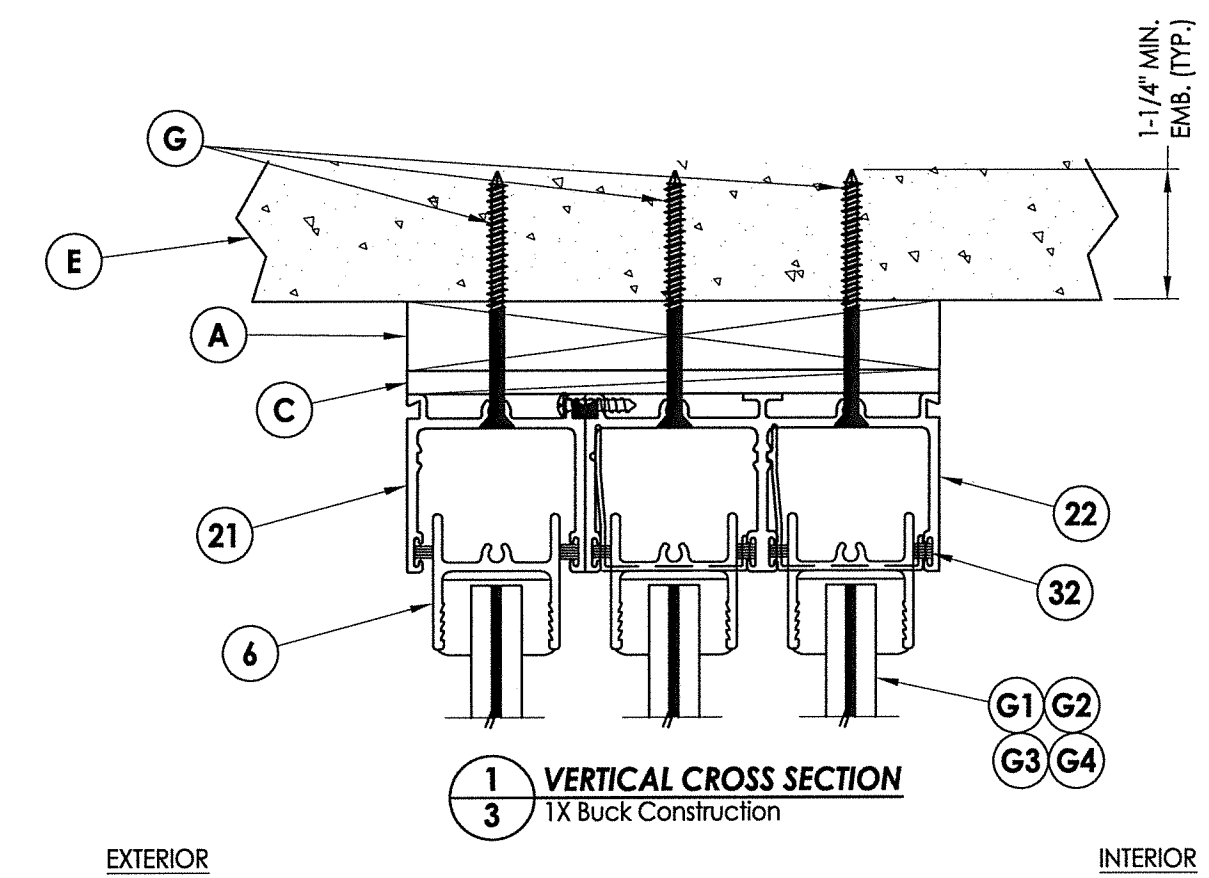
NOTE:
 1. Fixed panel screws located 39" from each end.



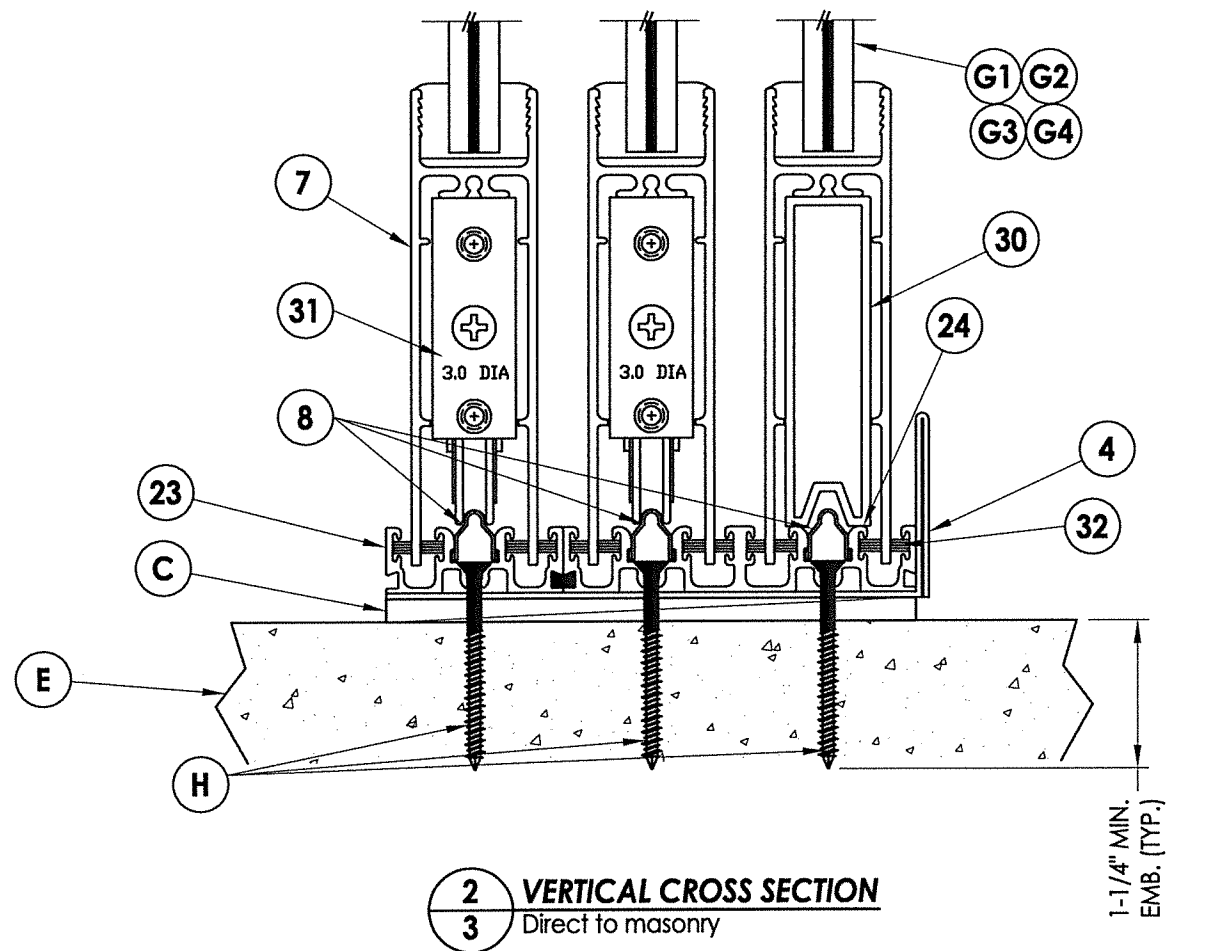
August 10, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
 P.E. No. 43409
 R.W. BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
5	8/10/20	UPDATE TO 7th ED. (2020)	FBC DAC
4	08/08/17	UPDATE TO 6th ED. (2017)	FBC LFS
3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE	JK
2	04/22/15	G3 GLAZING & CHANGE NAME	JK
1	10/30/12	UPDATE TO 5th ED. (2014)	JK
		ADD PANEL SIZE	BY
			REVISIONS
DATE: 04/30/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.4			
SHEET 2 OF 8			

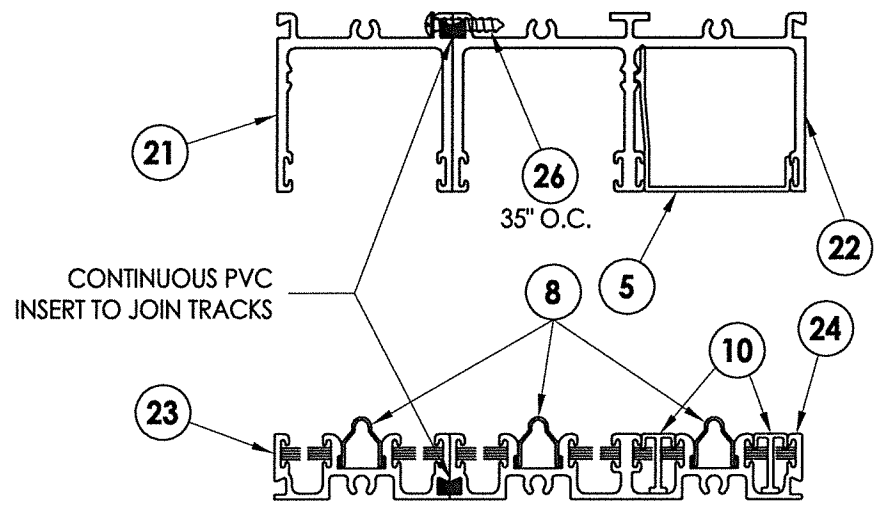
\\dc01\pwb\clients\Fleetwood PERMANENTVA - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL 15560 (2020)\FL-15560.1-.5.dwg



1 VERTICAL CROSS SECTION
3 TX Buck Construction

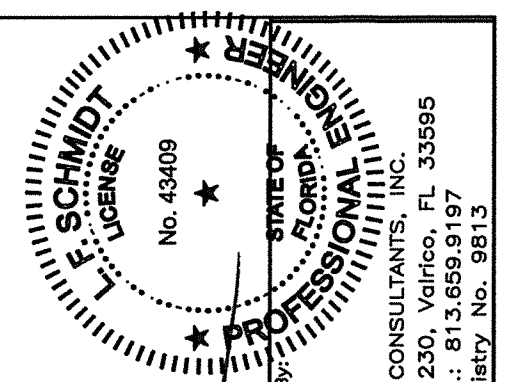


2 VERTICAL CROSS SECTION
3 Direct to masonry



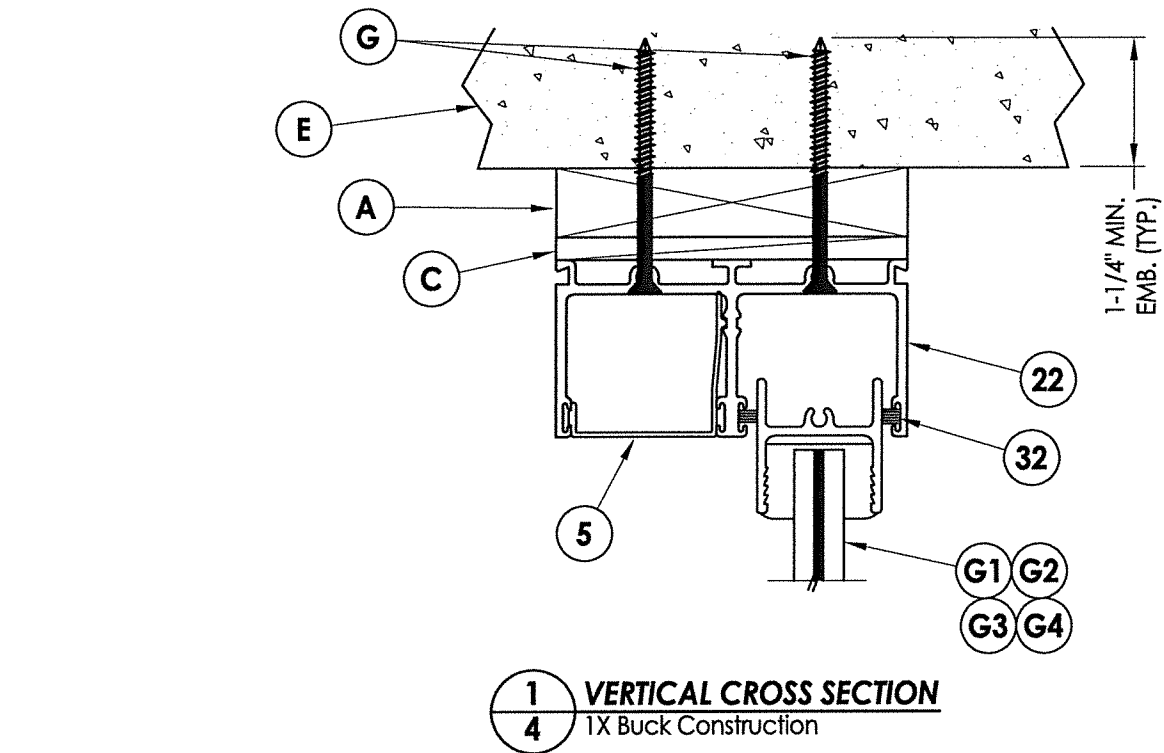
HEAD & SILL COVER CONDITION

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.).

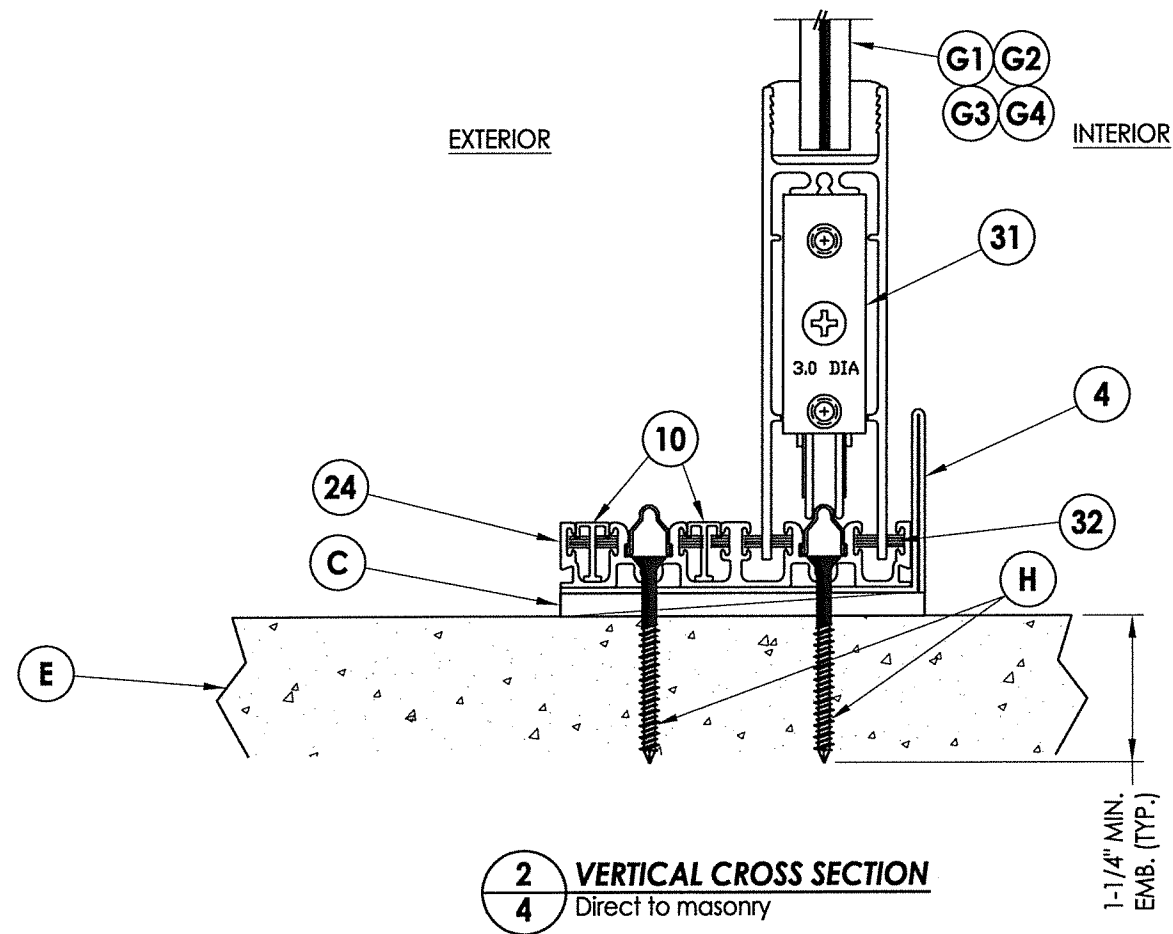


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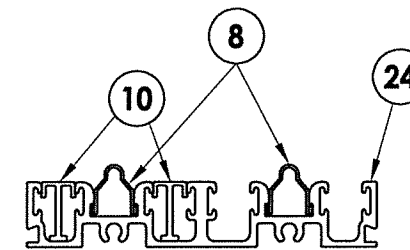
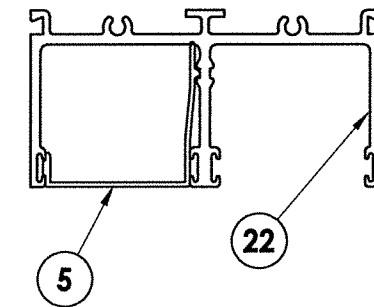
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PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
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4	08/08/17	UPDATE TO 6TH ED. (2017)	FBC LFS
3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE	JK
2	04/22/15	G3 GLAZING & CHANGE NAME	JK
1	10/30/12	ADD PANEL SIZE	JK
NO.	DATE	REVISIONS	
			BY
DATE:		04/30/12	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15560.4	
SHEET		3 OF 8	



1 VERTICAL CROSS SECTION
4 1X Buck Construction

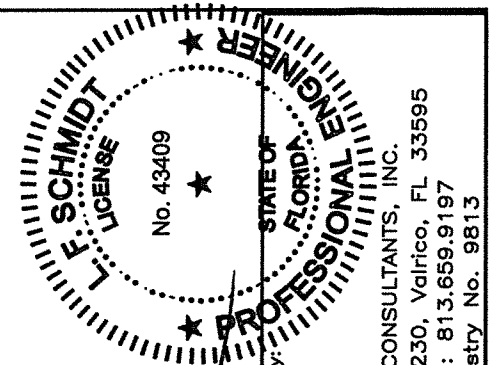


2 VERTICAL CROSS SECTION
4 Direct to masonry



HEAD & SILL COVER CONDITION

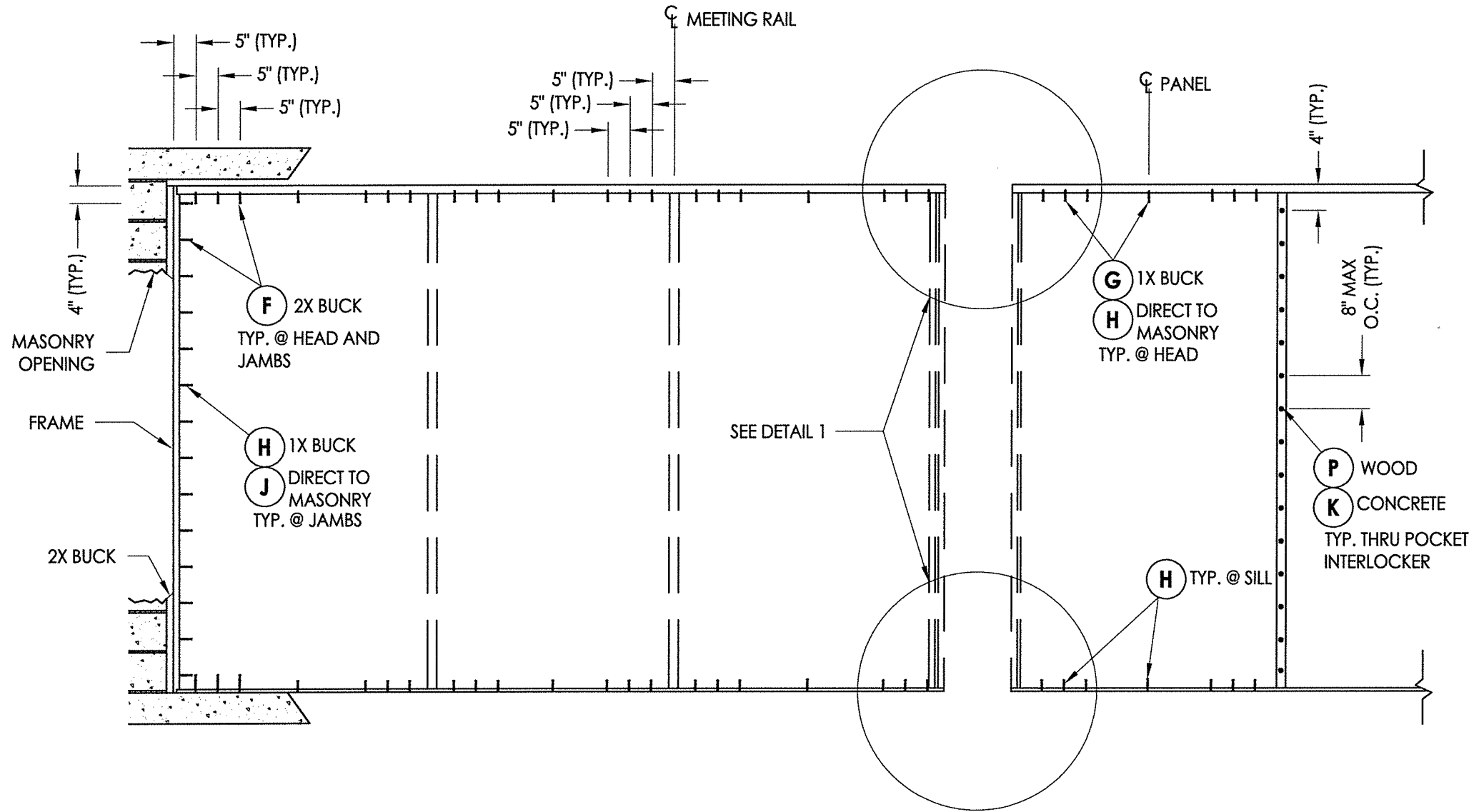
NOTE:
 1. A full-depth cut-out (1" wide x 3/16" tall) in track base is necessary to allow for water drainage (12" from each end and 24" o.c.).



August 10, 2020
 Documents Prepared By: Lyndon F. Schmidt
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 Phone No.: 813.659.9197
 FBPE Registry No. 9813

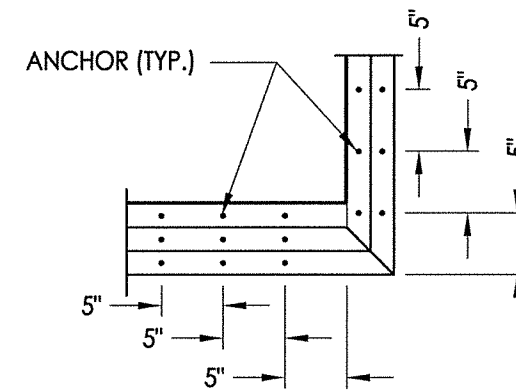
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PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
DAC	FBC	DATE	REVISIONS
LFS	FBC	04/30/12	
JK	REVISE		
JK	CLARIFY MAX PANEL SIZE, REVISE		
JK	G3 GLAZING & CHANGE NAME		
JK	UPDATE TO 5TH ED. (2014) FBC		
JK	ADD PANEL SIZE		
BY			
DATE:		04/30/12	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15560.4	
SHEET		4 of 8	

\\dc01\pwb\clients\Fleetwood PERMANENTA - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL-15560.1-5.dwg



FRAME ANCHORING

(NOTE: 1 ANCHOR REQUIRED PER TRACK @ EACH LOCATION)



DETAIL 1

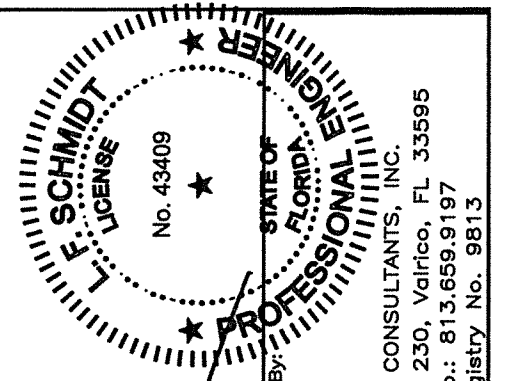
CONCRETE ANCHOR NOTES:

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®	3/16"	1-1/4"	2"	1-7/8"
DeWALT ULTRACON+®	1/4"	1-1/4"	1"	6"

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.

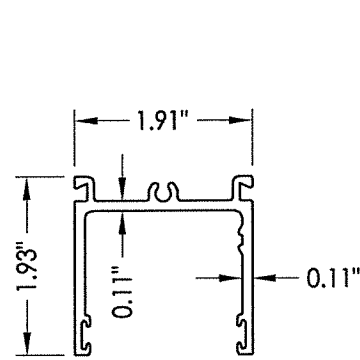


August 10, 2020
 Documents Prepared By:
 Lyndon F. Schmidt
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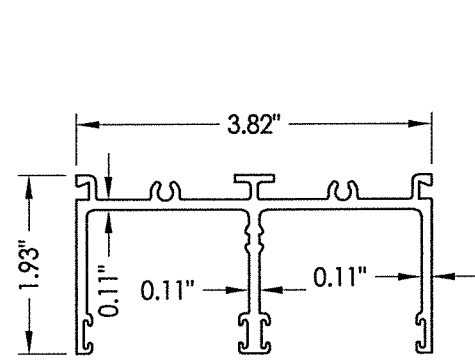
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230, Vairico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		FRAME ANCHORING	
DAC	FBC	DATE	REVISIONS
LFS	FBC	04/30/12	1
JK	REVISE		2
JK	CLARIFY MAX PANEL SIZE, REVISE G3 GLAZING & CHANGE NAME		3
JK	UPDATE TO 5TH ED. (2014) FBC		4
JK	ADD PANEL SIZE		5
BY			

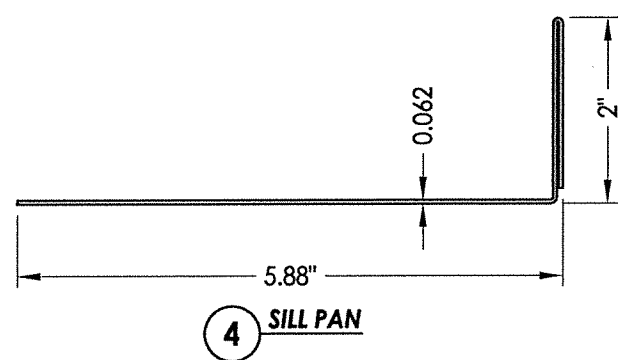
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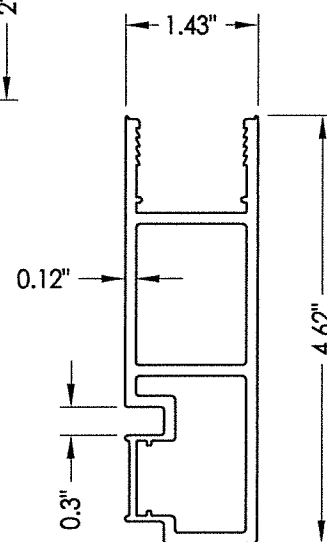
21 HEAD TRACK
1 Run



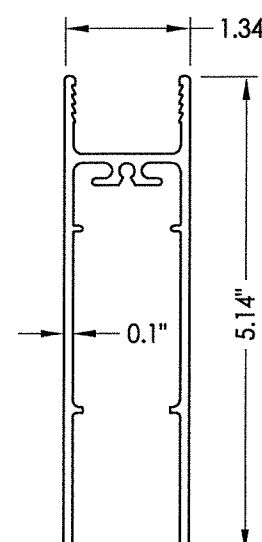
22 HEAD TRACK
2 Runs



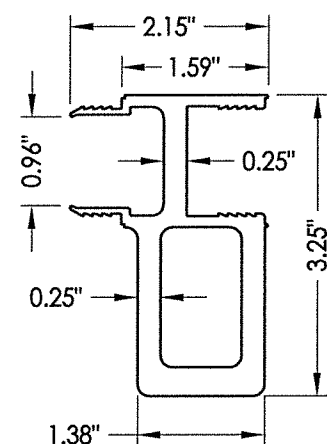
4 SILL PAN



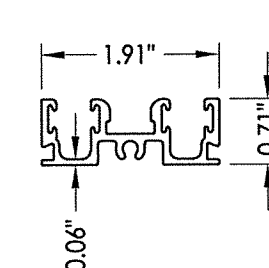
14 90° CORNER LOCK STILE



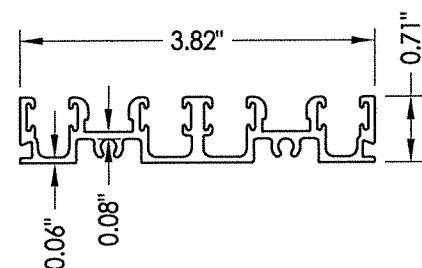
7 BOTTOM RAIL



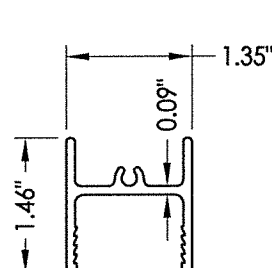
13 WINDLOAD ADAPTER



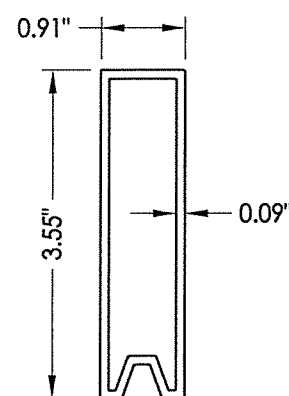
23 SILL TRACK
1 Run



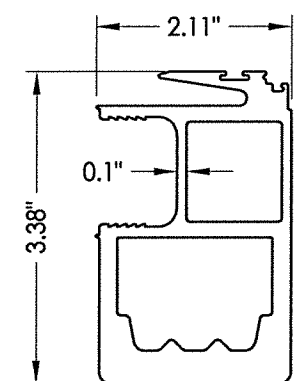
2 SILL TRACK
2 Runs



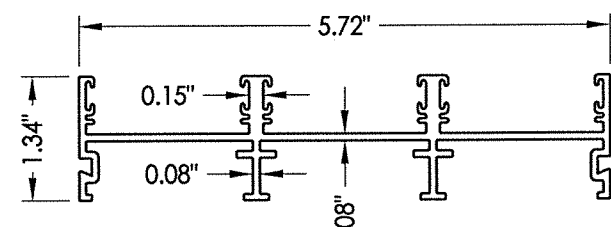
6 TOP RAIL



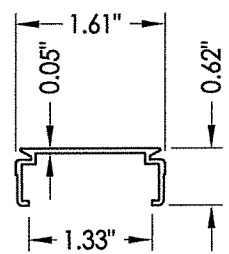
30 PANEL SETTING BLOCK



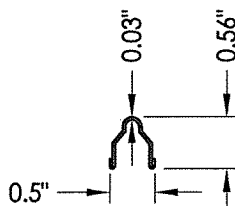
12 INTERLOCK STILE
High Performance



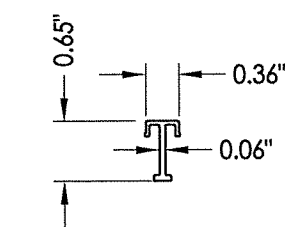
3 JAMB TRACK



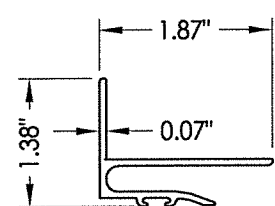
15 JAMB CHANNEL FILLER



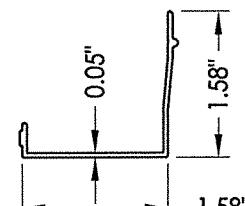
8 TRACK



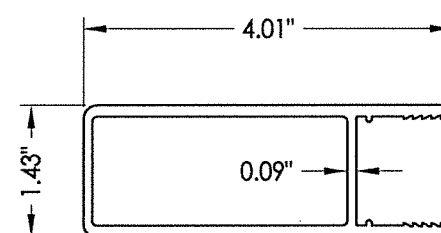
10 SILL CHANNEL FILLER



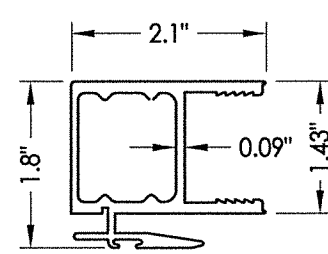
16 POCKET INTERLOCKER



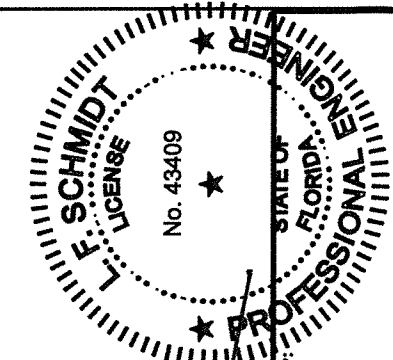
5 HEAD CHANNEL FILLER



9 STILE



11 INTERLOCK STILE
Standard



August 10, 2020

Documents Prepared By:
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P.E. No. 43409

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

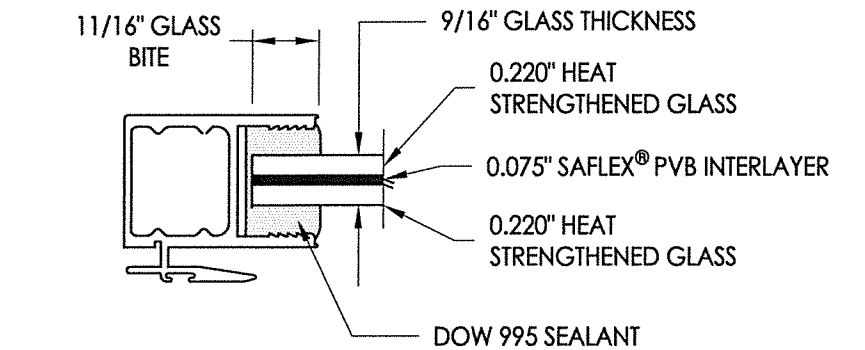
PRODUCT:
FLEETWOOD WINDOWS & DOORS
PART OR ASSEMBLY:
COMPONENTS

NO.	DATE	REVISIONS
5	8/10/20	UPDATE TO 7th ED. (2020) FBC
4	08/08/17	UPDATE TO 6TH ED. (2017) FBC
3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE G3 GLAZING & CHANGE NAME
2	04/22/15	UPDATE TO 5TH ED. (2014) FBC
1	10/30/12	ADD PANEL SIZE

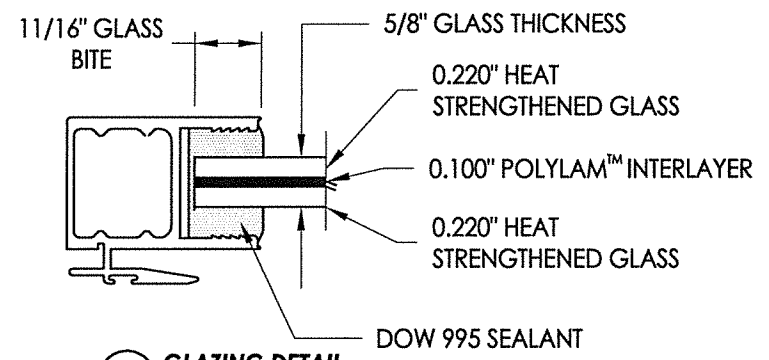
DATE: 04/30/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15560.4
SHEET 7 OF 8

\\dc01\rbw\Clients\Fleetwood PERMANENTVA - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL 15560 (2020)\FL-15560.1-.5.dwg

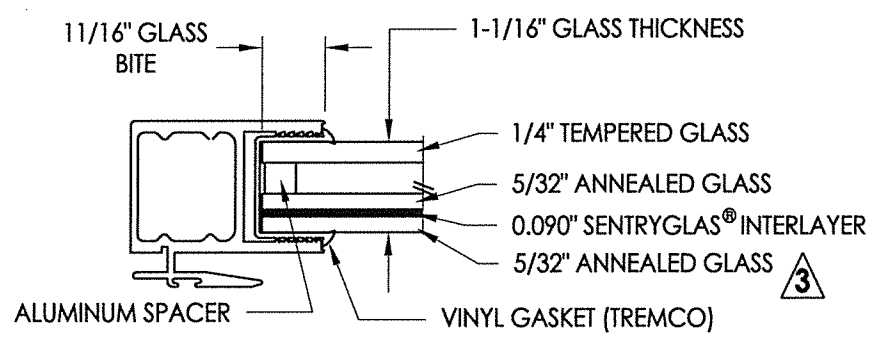
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH SMS (1" MIN. EMBEDMENT)	STEEL
G	3/16" X 2-3/4" ITW PFH CONCRETE SCREW	STEEL
H	3/16" X 2-1/4" ITW PFH CONCRETE SCREW	STEEL
J	3/16" X 3-1/4" ITW PFH CONCRETE SCREW	STEEL
K	1/4" X 1- 3/4" DeWALT PFH CONCRETE SCREW	STEEL
L	#8 X 1/2" PFH SMS	STEEL
P	#10 X 2" PFH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
3	JAMB TRACK (3 RUNS)	6063-T6 ALUM
4	SILL PAN (TRIPLE RUN)	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
11	STANDARD INTERLOCK STILE	6063-T6 ALUM
12	HIGH PERFORMANCE INTERLOCK STILE	6063-T6 ALUM
13	WINDLOAD ADAPTER	6063-T6 ALUM
14	90° CORNER LOCK STILE	6063-T6 ALUM
15	JAMB CHANNEL FILLER	6063-T6 ALUM
16	POCKET INTERLOCKER	6063-T6 ALUM
21	HEAD TRACK (1 RUN)	6063-T6 ALUM
22	HEAD TRACK (2 RUNS)	6063-T6 ALUM
23	SILL TRACK (1 RUN)	6063-T6 ALUM
24	SILL TRACK (2 RUNS)	6063-T6 ALUM
26	#8 X 3/4" PPH SMS	STEEL
27	PRIMARY LATCH	-
28	SECONDARY LATCH	-
29	HANDLE SET	-
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)	-



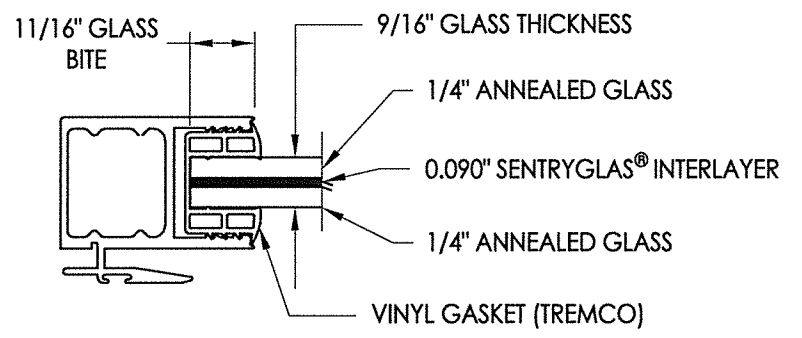
G1 GLAZING DETAIL
StormGlass™ by Oldcastle Glass



G2 GLAZING DETAIL
Safety-Plus II by Glaslam



G3 GLAZING DETAIL
Dry Seal



G4 GLAZING DETAIL
Dry Seal

NOTE: GLAZING > 36" WIDE REQUIRES AT LEAST TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 241.3.3.1.

R. F. SCHMIDT
LICENSE
No. 43409
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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

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BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		BILL OF MATERIALS AND GLAZING DETAILS	
DAC	UPDATE TO 7th ED. (2020)	FBC	REVISIONS
LFS	UPDATE TO 6TH ED. (2017)	FBC	
JK	CLARIFY MAX PANEL SIZE, REVISE G3 GLAZING & CHANGE NAME		
JK	UPDATE TO 5TH ED. (2014)	FBC	
JK	ADD PANEL SIZE		
BY	DATE		
5	8/10/20		
4	08/08/17		
3	8/06/15		
2	04/22/15		
1	10/30/12		
DATE: 04/30/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.4			
SHEET 8 OF 8			