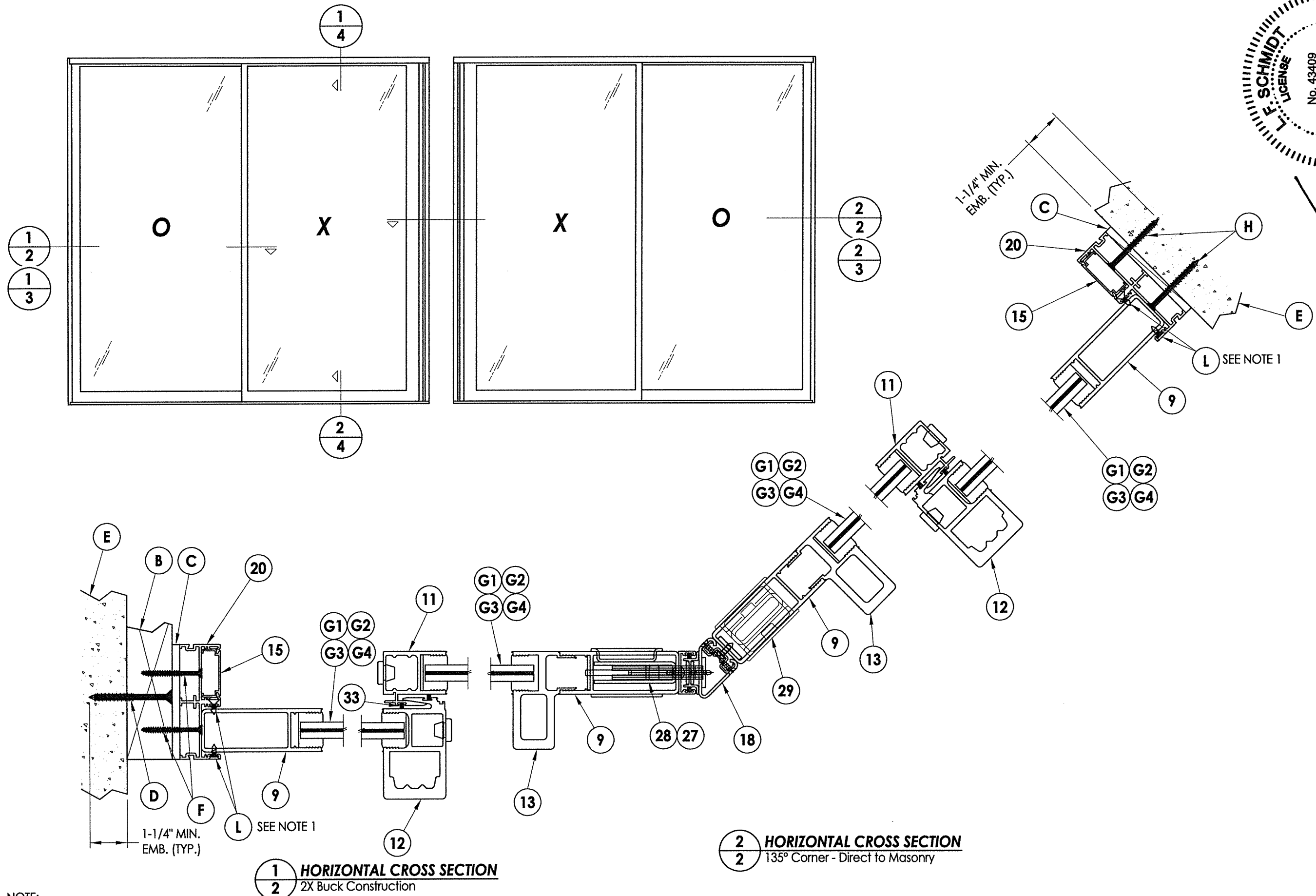


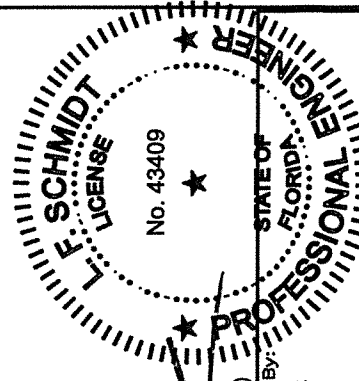
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1 HORIZONTAL CROSS SECTION
2 2X Buck Construction

2 HORIZONTAL CROSS SECTION
135° Corner - Direct to Masonry

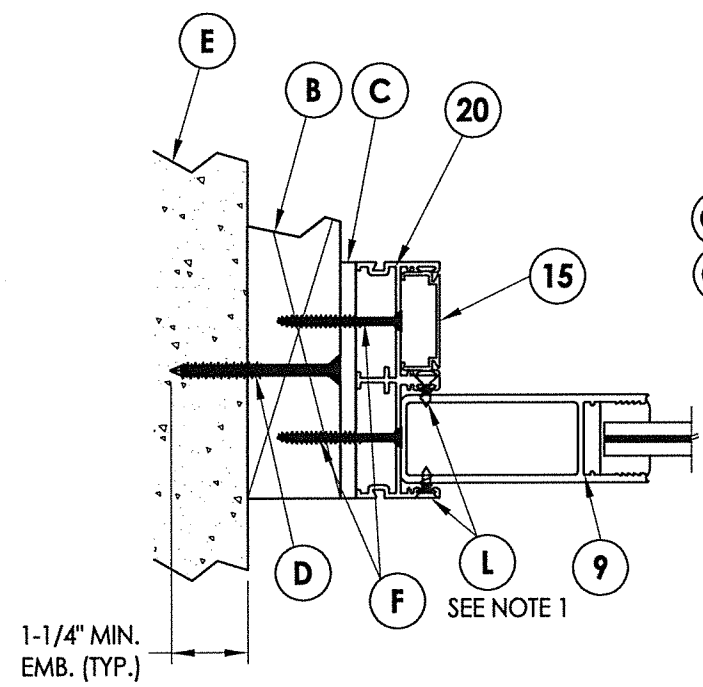
NOTE:
1. Fixed panel screws located 39" from each end.



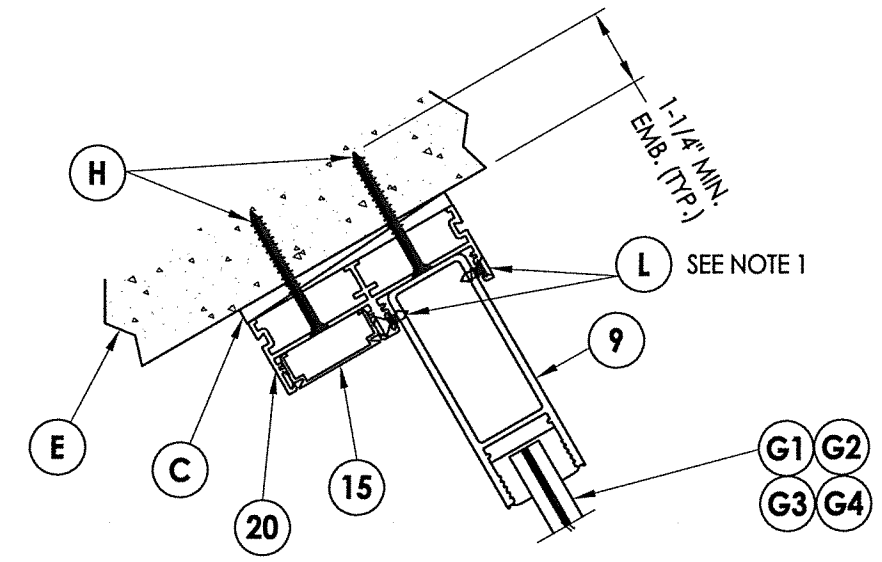
August 10, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

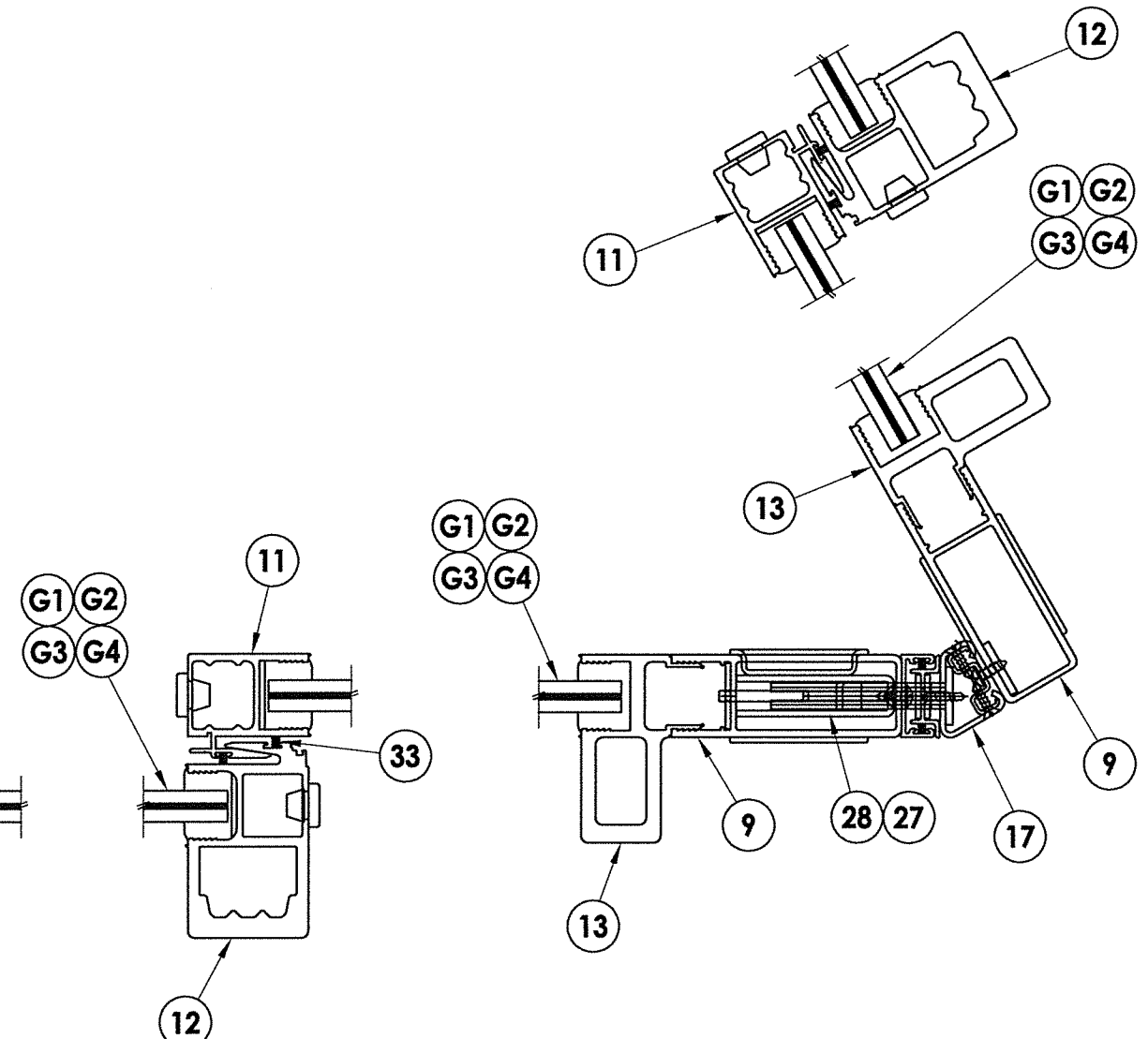
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PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
5	8/10/20	UPDATE TO 7th ED. (2020)	FBC
4	08/08/17	UPDATE TO 6th ED. (2017)	FBC
3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE	JK
2	04/22/15	G3 GLAZING & CHANGE NAME	JK
1	10/30/12	UPDATE TO 5th ED. (2014)	FBC
	NO. DATE	ADD PANEL SIZE	JK
			BY
REVISIONS			
DATE: 04/30/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.5			
SHEET 2 OF 8			



1 HORIZONTAL CROSS SECTION
3 2X Buck Construction



2 HORIZONTAL CROSS SECTION
3 60° Corner - Direct to Masonry



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

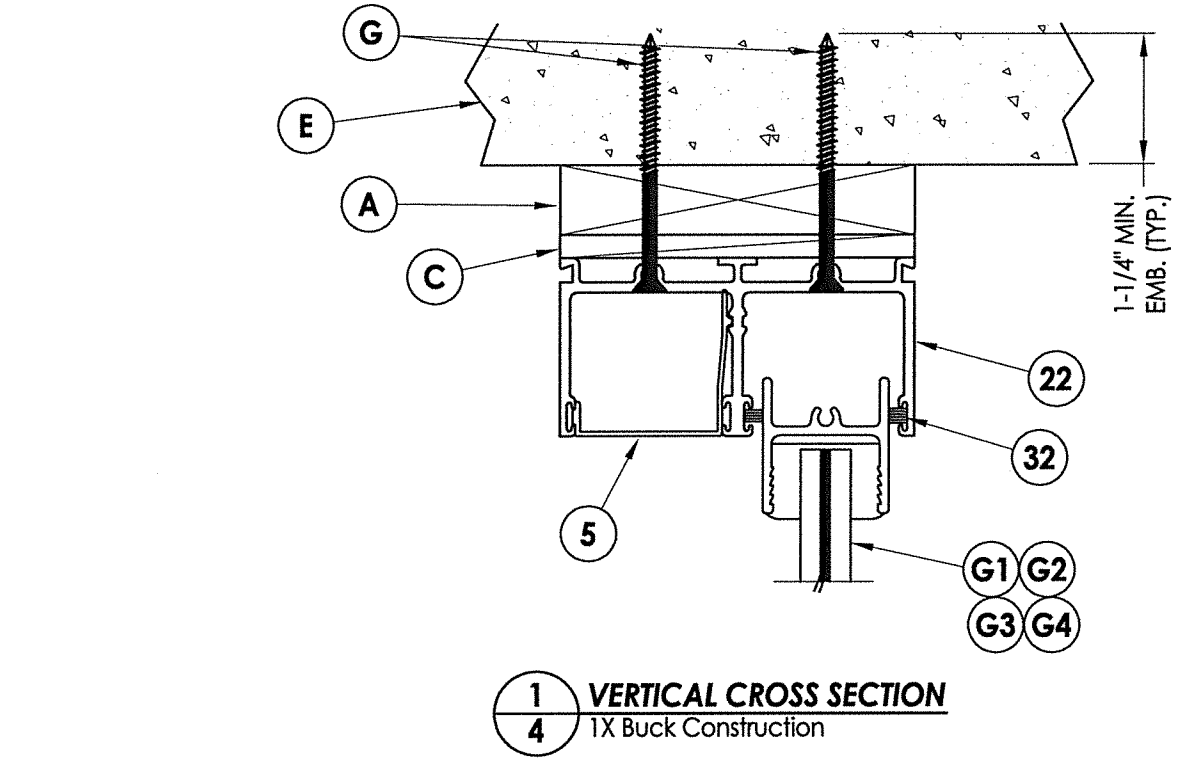
August 10, 2020
 Documents Prepared By: Lyndon F. Schmidt
 P.E. No. 43409

FLORIDA PROFESSIONAL ENGINEER
 L. E. SCHMIDT LICENSE No. 43409

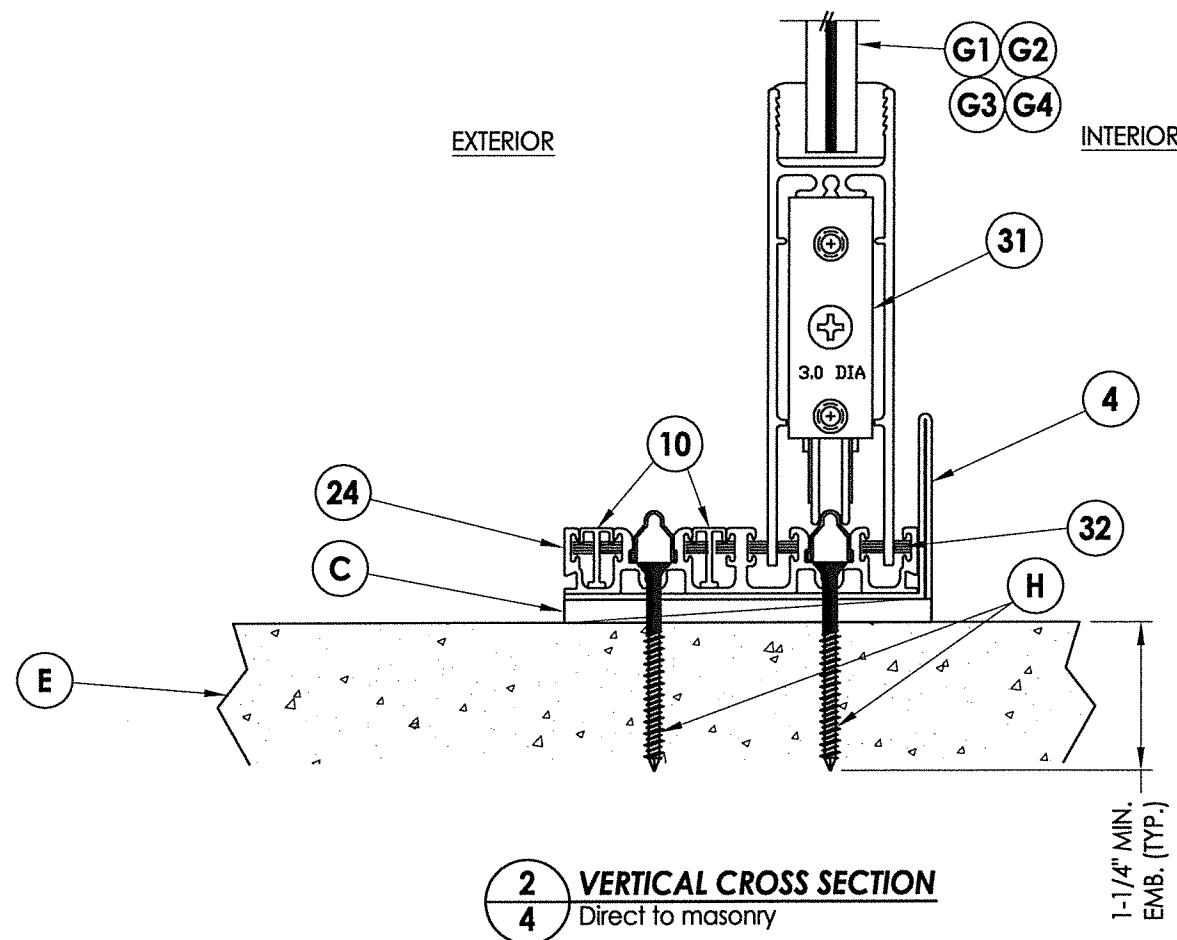
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230, Valrico, FL 33595
 Phone No.: 813.659.9197
 FBPE Registry No. 9813

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 G3 GLAZING & CHANGE NAME	JK
2	04/22/15	UPDATE TO 5TH ED. (2014) FBC	JK
1	10/30/12	ADD PANEL SIZE	JK
NO. DATE		REVISIONS	
DATE: 04/30/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.5			
SHEET 3 OF 8			

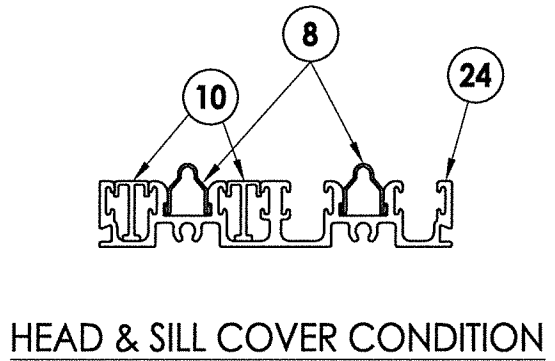
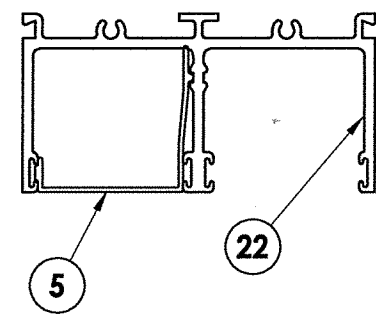
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1 VERTICAL CROSS SECTION
4 1X Buck Construction



2 VERTICAL CROSS SECTION
4 Direct to masonry



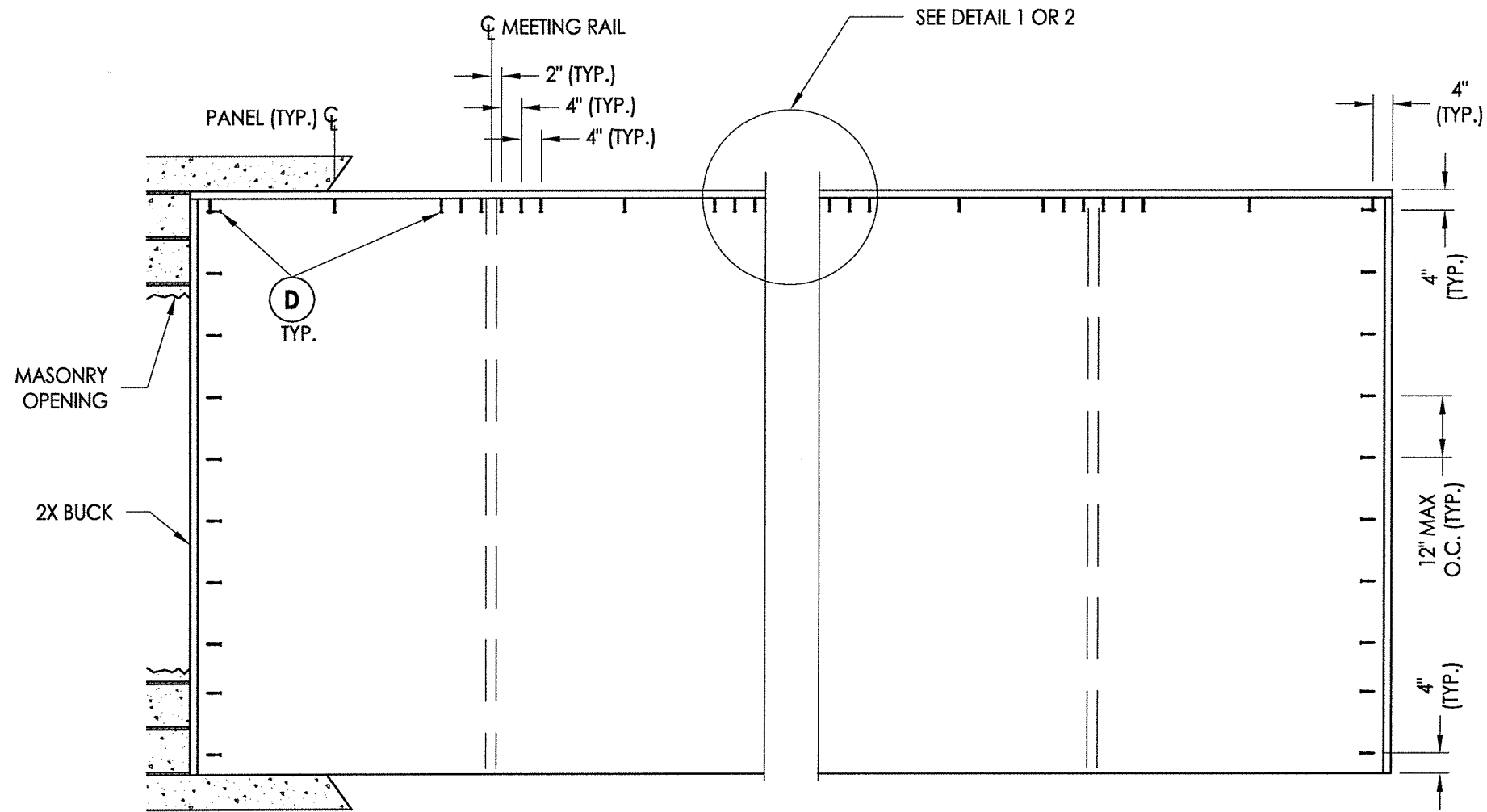
NOTE:
1. A full-depth cut-out (1" wide x 3/16" tall) in track base is necessary to allow for water drainage (12" from each end and 24" o.c.).

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

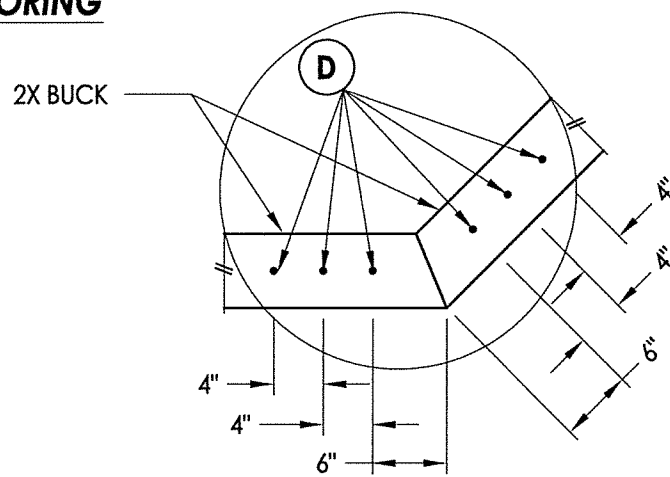
FLORIDA PROFESSIONAL ENGINEER
 F. SCHMIDT
 LICENSE No. 43409

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

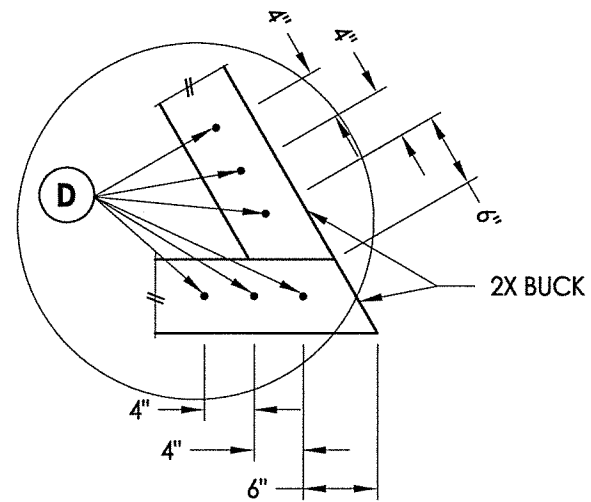
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PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS			
DAC	FBC	FBC	FBC	FBC	REVISIONS
5	8/10/20	UPDATE TO 7th ED. (2020)			
4	08/08/17	UPDATE TO 6TH ED. (2017)			
3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE G3 GLAZING & CHANGE NAME			
2	04/22/15	UPDATE TO 5TH ED. (2014)			
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-15560.5			
SHEET		4 OF 8			



2X BUCK ANCHORING



DETAIL 1
135° Corner

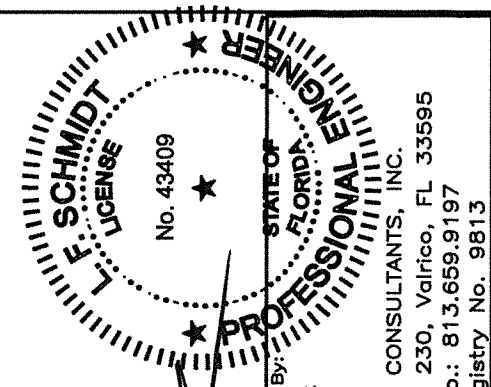


DETAIL 2
60° Corner

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"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	4"



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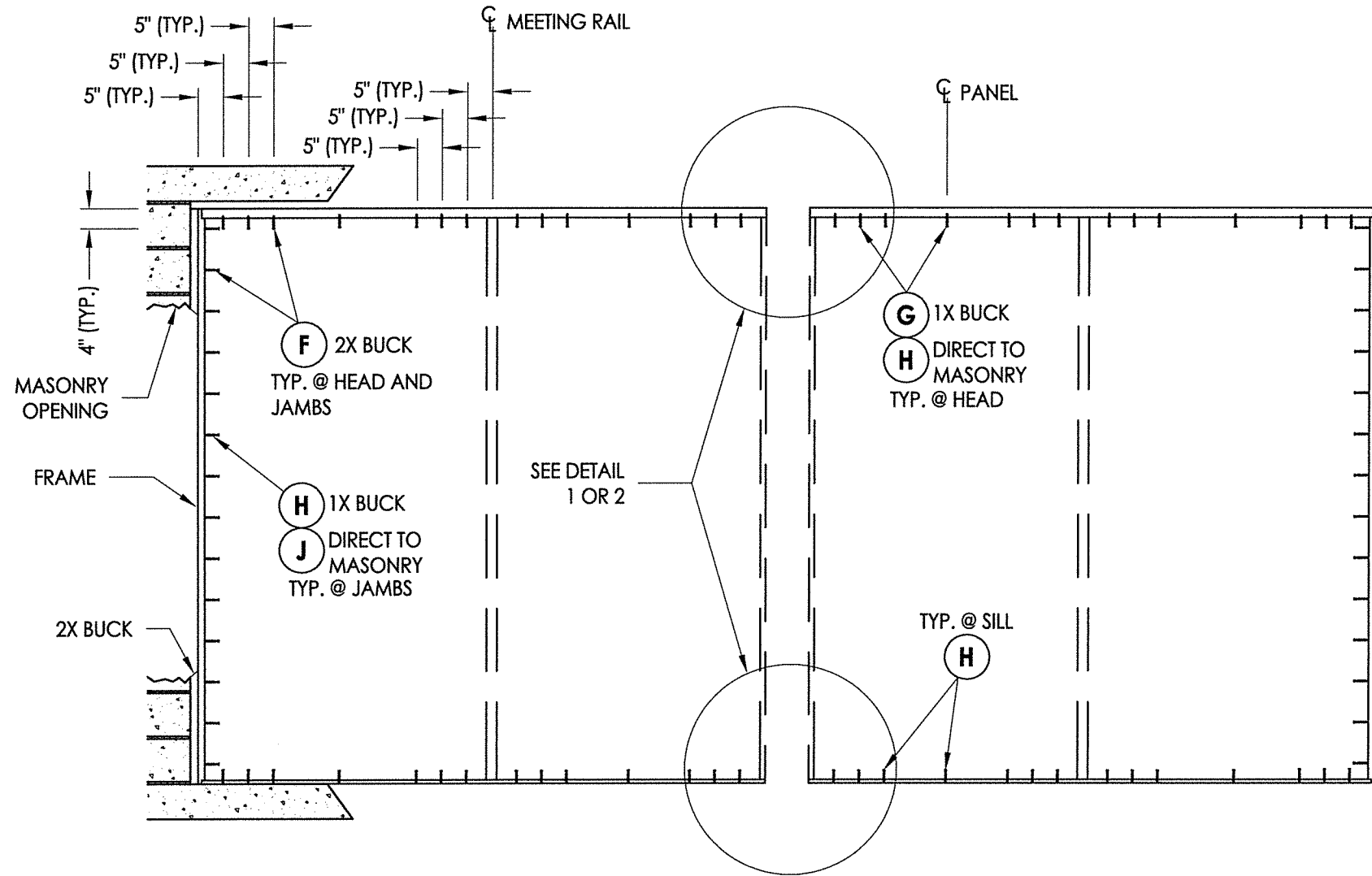
PRODUCT:
FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:
BUCK ANCHORING

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-15560.5
 SHEET 5 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



FRAME ANCHORING

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

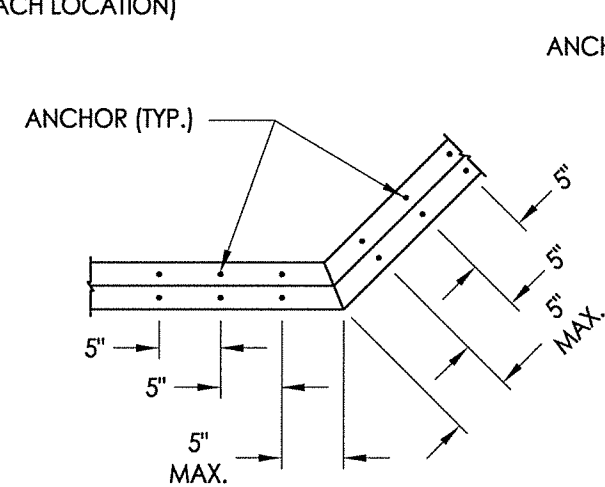
CONCRETE ANCHOR NOTES:

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:

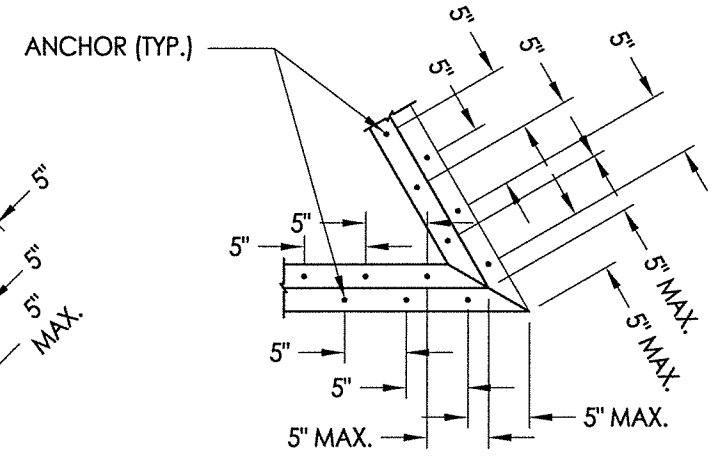
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	2"	1-7/8"

WOOD SCREW INSTALLATION NOTES:

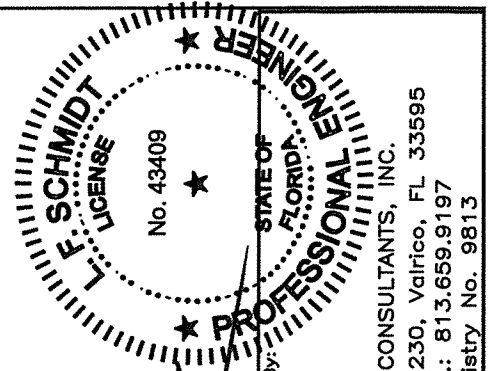
1. Maintain a minimum 3/4" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



DETAIL 1
135° Corner



DETAIL 2
60° Corner

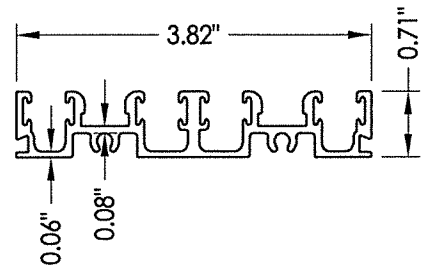


August 10, 2020
 Documents Prepared By:
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 FBPE Registry No. 9813

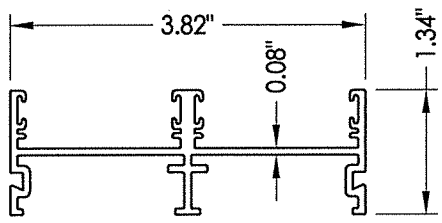
PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		FRAME ANCHORING	
DAC	UPDATE TO 7TH ED. (2020)	FBC	REVISIONS
LFS	UPDATE TO 6TH ED. (2017)	FBC	
JK	CLARIFY MAX PANEL SIZE, REVISE	JK	
JK	G3 GLAZING & CHANGE NAME	JK	
JK	UPDATE TO 5TH ED. (2014)	FBC	
JK	ADD PANEL SIZE	JK	
BY	NO. DATE	JK	

DATE: 04/30/12
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-15560.5
 SHEET 6 OF 8

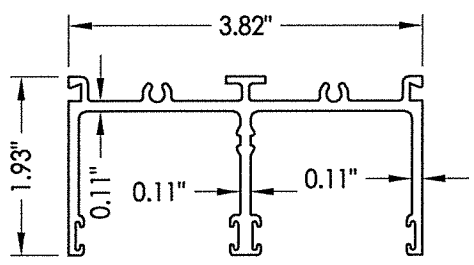
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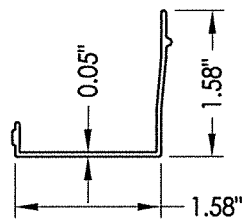
2 SILL TRACK
2 Runs



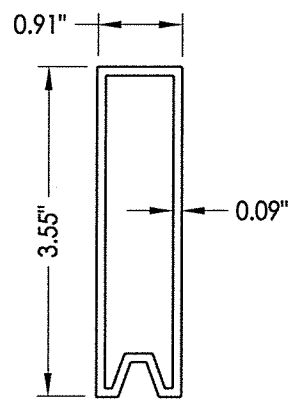
20 JAMB TRACK
2 Runs



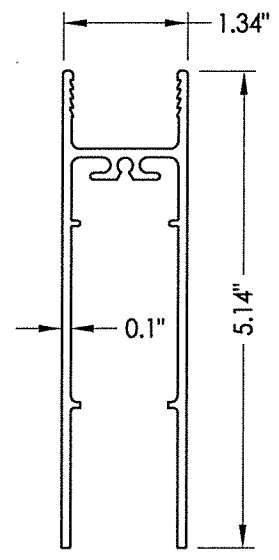
22 HEAD TRACK
2 Runs



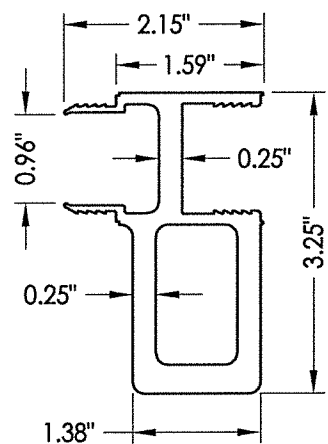
5 HEAD CHANNEL FILLER



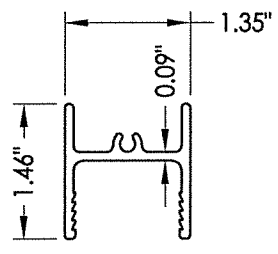
30 PANEL SETTING BLOCK



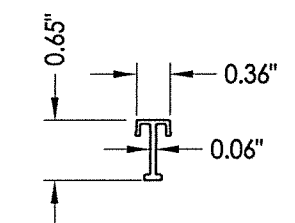
7 BOTTOM RAIL



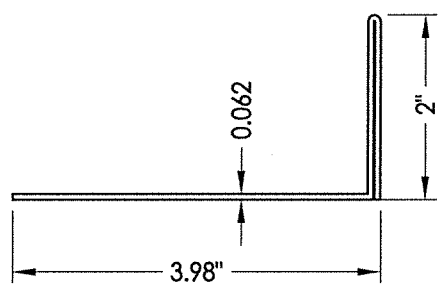
13 WINDLOAD ADAPTER



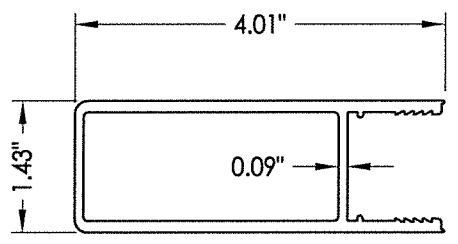
6 TOP RAIL



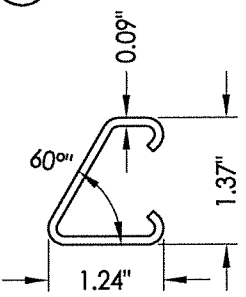
10 SILL CHANNEL FILLER



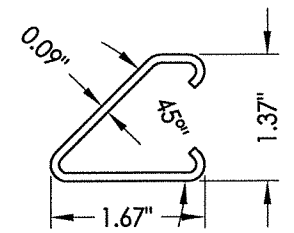
4 SILL PAN



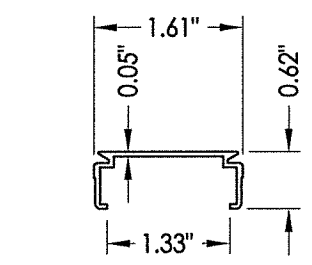
9 STILE



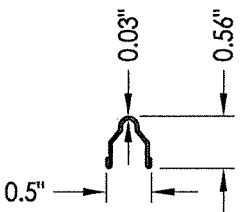
17 60° YOKE



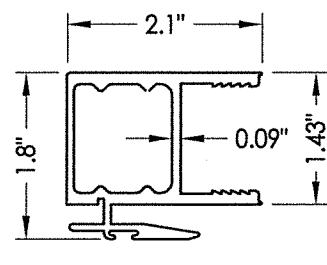
18 135° YOKE



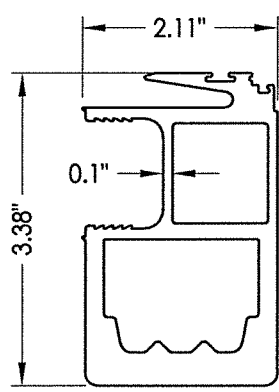
15 JAMB CHANNEL FILLER



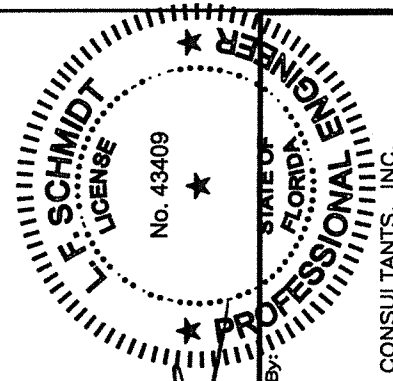
8 TRACK



11 INTERLOCK STILE
Standard



12 INTERLOCK STILE
High Performance



F. Schmidt
August 10, 2020

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

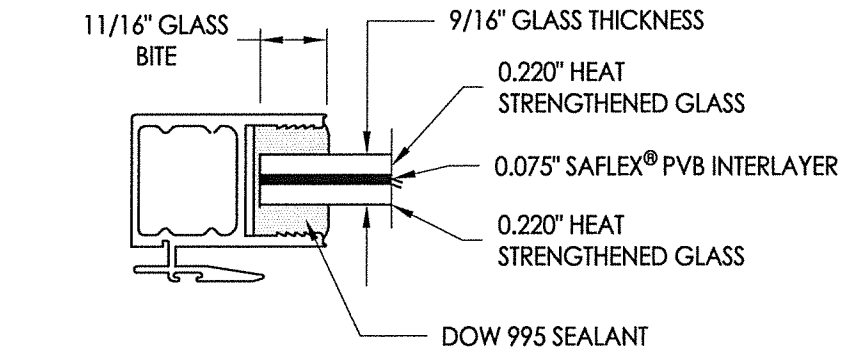
PRODUCT:
FLEETWOOD WINDOWS & DOORS
PART OR ASSEMBLY:
COMPONENTS

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

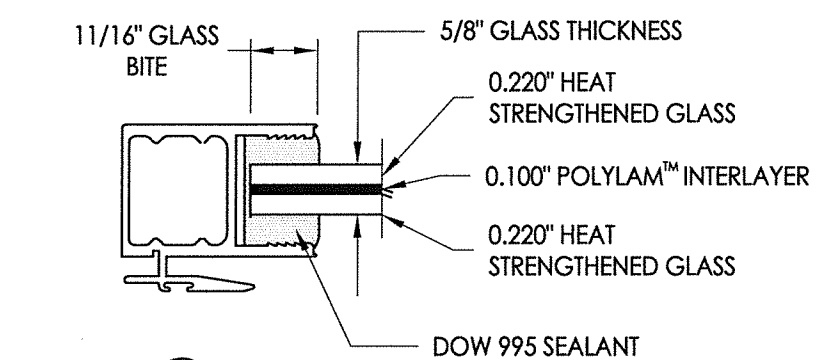
DATE: 04/30/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15560.5
SHEET 7 OF 8

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

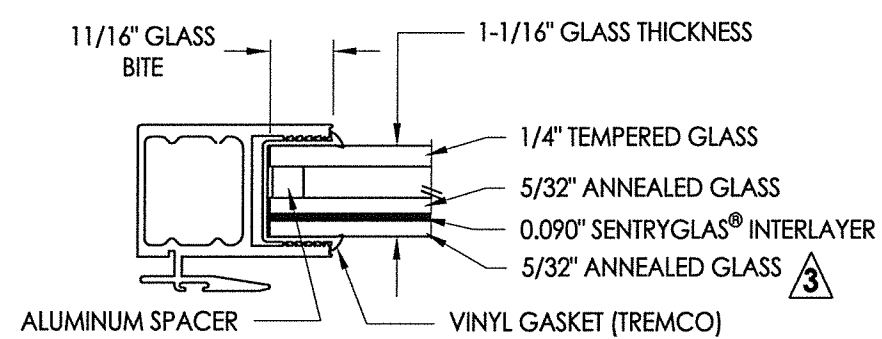
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH 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
L	#8 X 1/2" PFH SMS	STEEL
4	SILL PAN (2 RUNS)	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
15	JAMB CHANNEL FILLER	6063-T6 ALUM
17	60° YOKE	6063-T6 ALUM
18	135° YOKE	6063-T6 ALUM
20	JAMB TRACK (2 RUNS)	6063-T6 ALUM
22	HEAD TRACK (2 RUNS)	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)	-



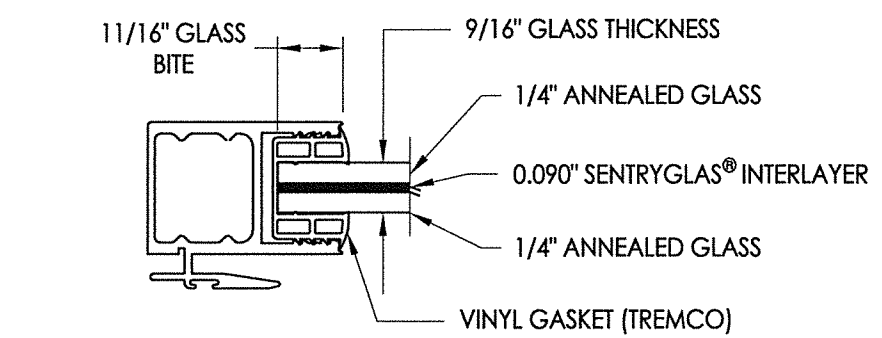
G1 GLAZING DETAIL
StormGlass™ by Oldcastle Glass



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 2411.3.3.1.

STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
No. 43409

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: BILL OF MATERIALS AND GLAZING DETAILS	
DAC	FBC	REVISE	NAME
5	8/10/20	3	G3 GLAZING & CHANGE NAME
4	08/08/17	2	04/22/15 UPDATE TO 5TH ED. (2014) FBC
3	8/06/15	1	10/30/12 ADD PANEL SIZE
2			
1			
REVISIONS		NO. DATE	
DATE: 04/30/12		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-15560.5		SHEET 8 OF 8	