

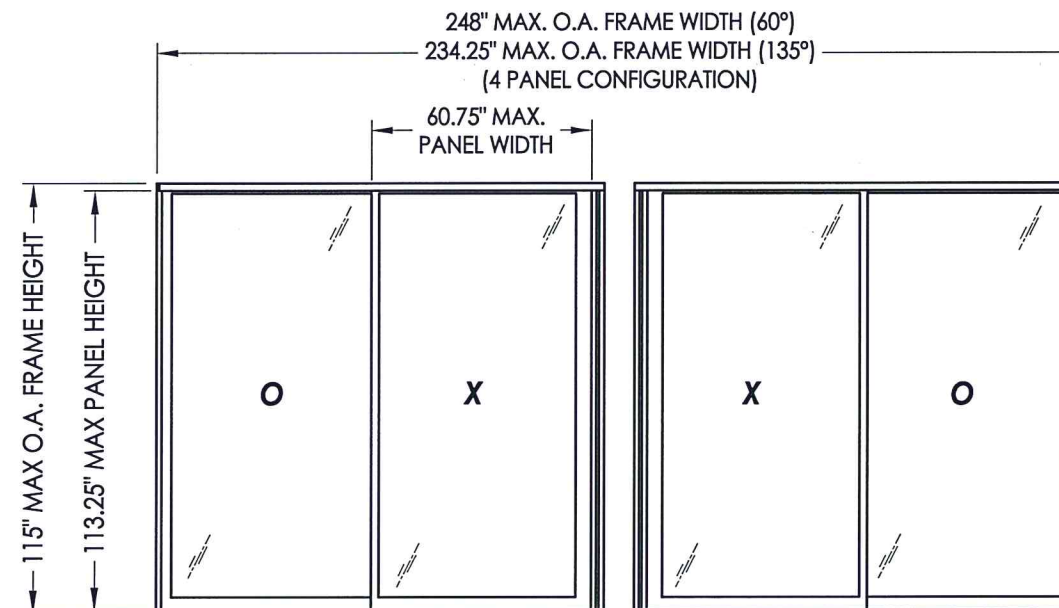
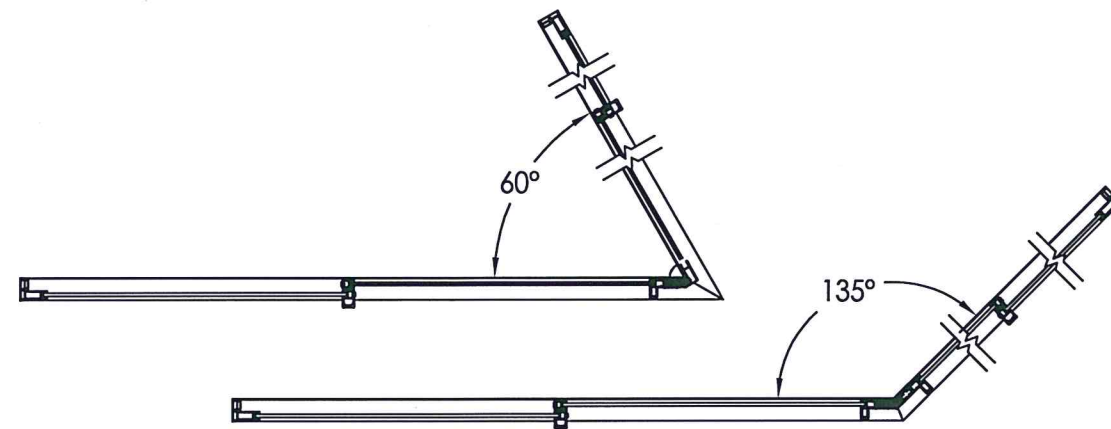
Series 3070-HI
Sliding Glass Door
w/ 60° or 135° Outside Corner
"IMPACT"

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.

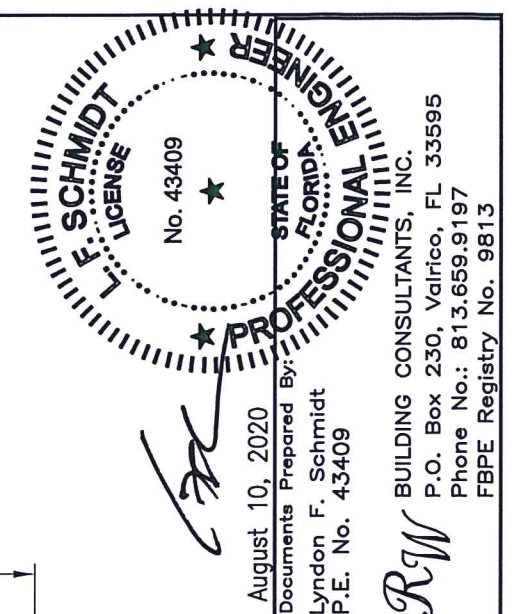
TABLE OF CONTENTS

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



CORNER	MAX PANEL DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
60°	60.75" X 113.25"	52.63" X 106.5"	G1, G2, G4	+55.0	-55.0
	60.75" X 98.25"	52.63" X 91.5"	G3	+55.0	-55.0
	51.12" X 113.25"	43.0" X 106.5"	G3	+55.0	-55.0
135°	60.75" X 113.25"	52.63" X 106.5"	G1, G2, G4	+53.3	-53.3
	60.75" X 98.25"	52.63" X 91.5"	G3	+53.3	-53.3
	51.12" X 113.25"	43.0" X 106.5"	G3	+53.3	-53.3

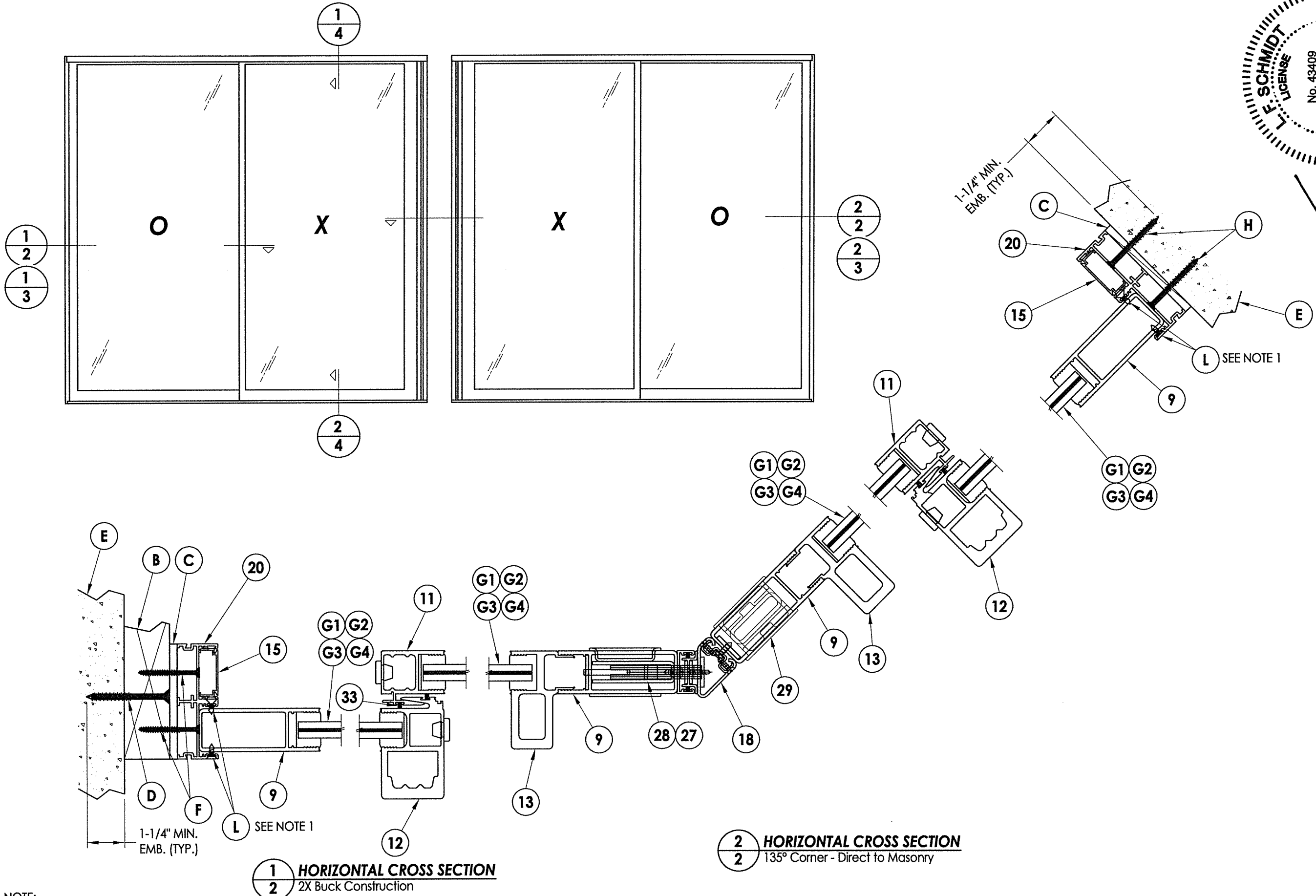
Note: 2 + 2 Panels shown, however, any combination of fixed and operable panels is allowed. There is not a limit on the number of panels.



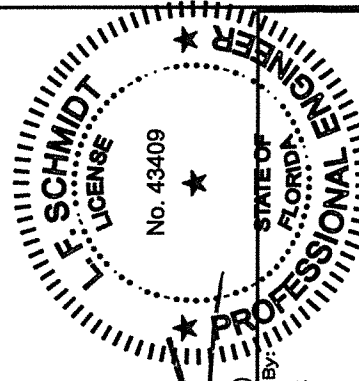
PRODUCT:		FLEETWOOD WINDOWS & DOORS		PART OR ASSEMBLY:		TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES	
DAC	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	JK	NO.	DATE	REVISIONS
LFS	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	JK	1	10/30/12	ADD PANEL SIZE
JK	8/06/15	CLARIFY MAX PANEL SIZE, REVISE	G3	JK	2	04/22/15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

DATE: 04/30/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15560.5
SHEET 1 OF 8

\\dc01\wbc\clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-15560 (2020)\FL-15560.1-5.dwg



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

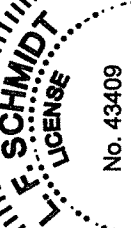


August 10, 2020
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FBPE Registry No. 9813

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
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NO. DATE		ADD PANEL SIZE	BY
		REVISIONS	

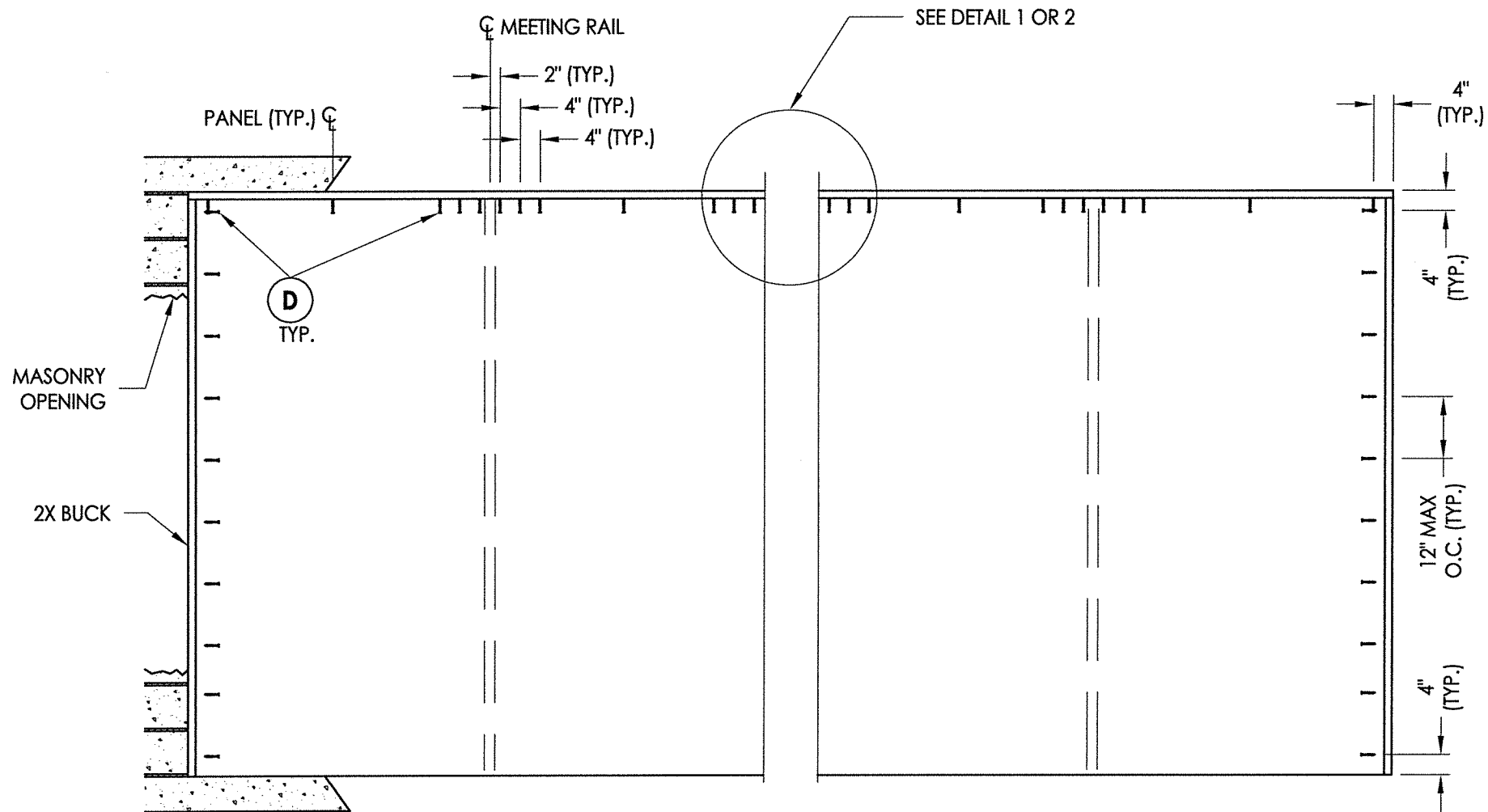


5	8/10/20	UPDATE TO 7th ED. (2020)	FBC	DAC	PRODUCT: FLEETWOOD WINDOWS & DOORS
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		G3 GLAZING & CHANGE NAME			
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
1	10/30/12	ADD PANEL SIZE		JK	PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS
NO.	DATE			BY	
REVISIONS					
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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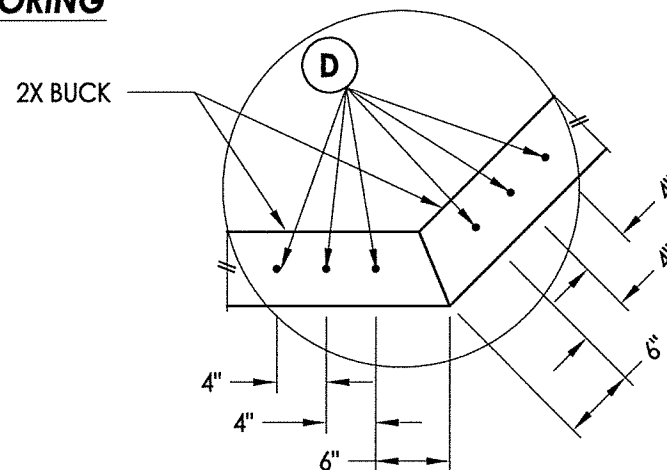


2X BUCK ANCHORING

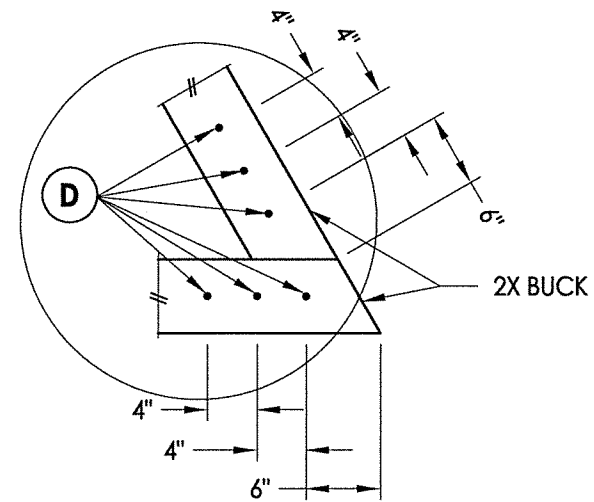
CONCRETE ANCHOR NOTES:

- 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:

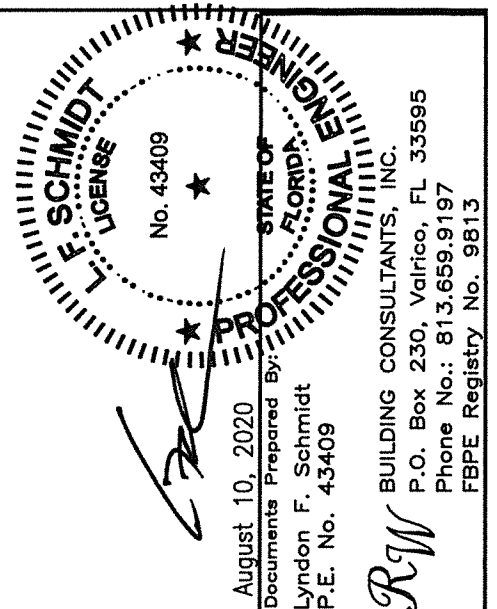
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	4"



DETAIL 1
135° Corner

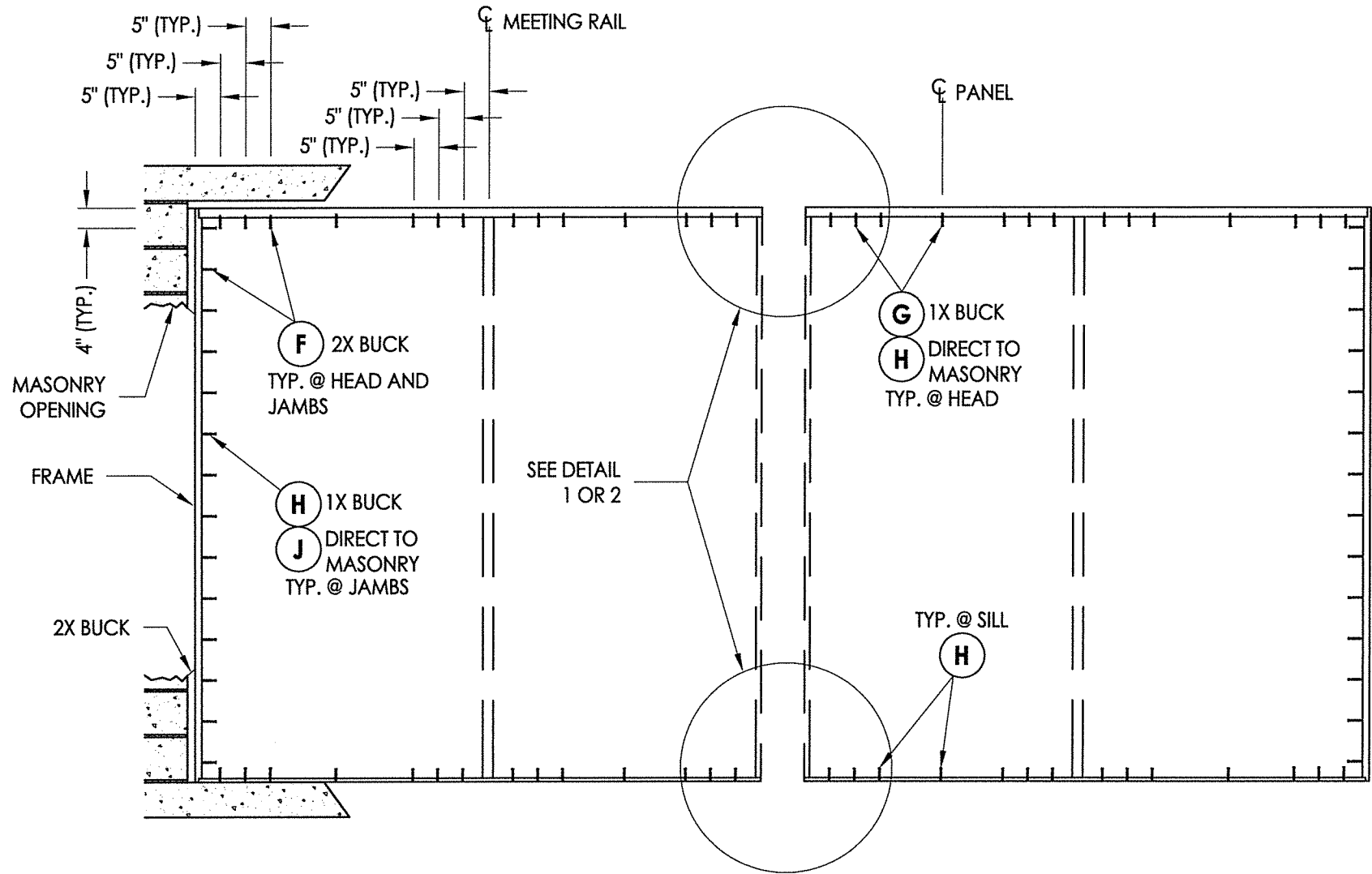


DETAIL 2
60° Corner



August 10, 2020		Documents Prepared By:		Lyndon F. Schmidt		P.E. No. 43409	
PRODUCT:		FLEETWOOD WINDOWS & DOORS		PART OR ASSEMBLY:		BUCK ANCHORING	
5	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	JK	BY	REVISIONS
4	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	JK	BY	REVISIONS
3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE G3 GLAZING & CHANGE NAME	REVISE	JK	JK	BY	REVISIONS
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	JK	BY	REVISIONS
1	10/30/12	ADD PANEL SIZE		JK	JK	BY	REVISIONS
DATE: 04/30/12		SCALE: N.T.S.		DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-15560.5		SHEET 5 OF 8					

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FRAME ANCHORING

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

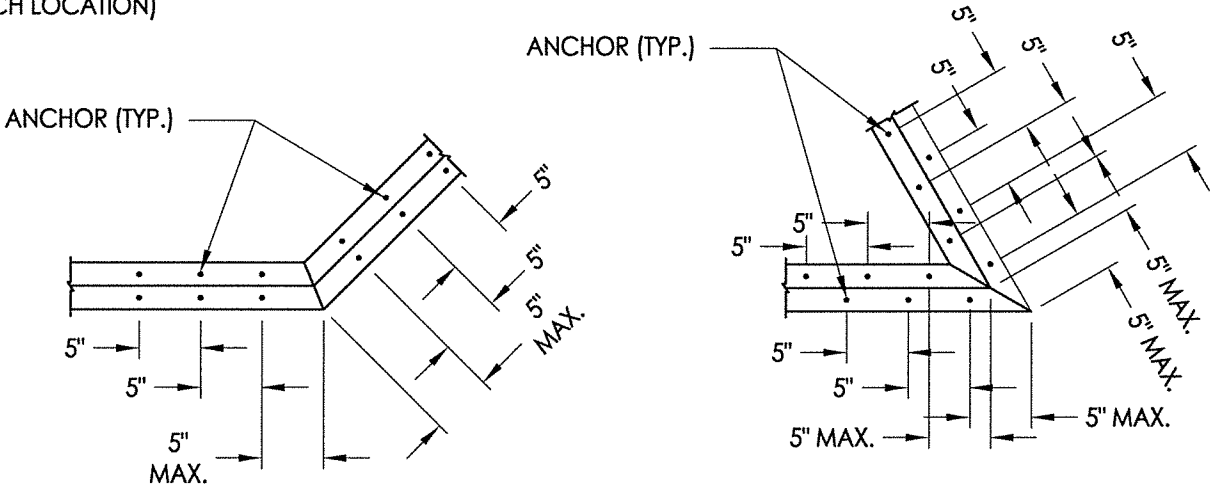
CONCRETE ANCHOR NOTES:

- 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:

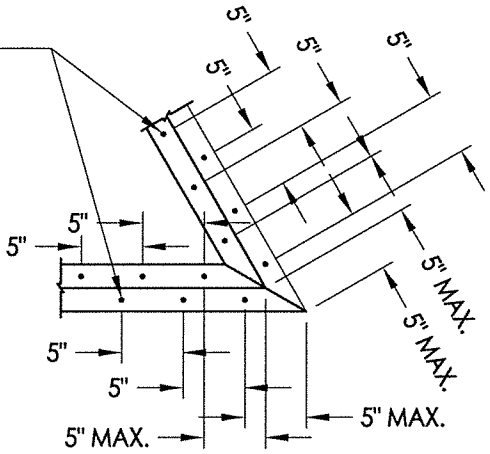
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	2"	1-7/8"

WOOD SCREW INSTALLATION NOTES:

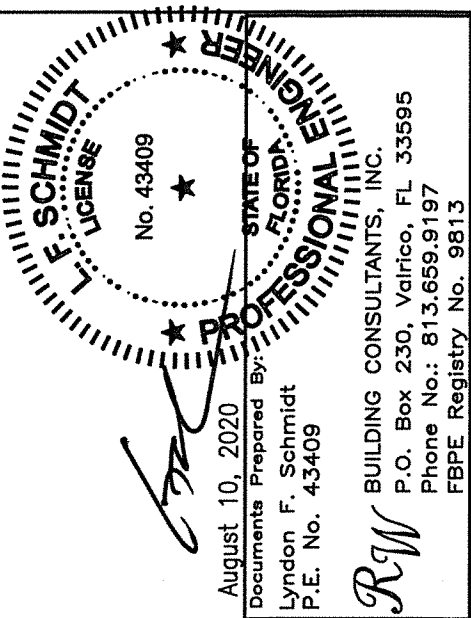
- Maintain a minimum 3/4" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



DETAIL 1
135° Corner



DETAIL 2
60° Corner



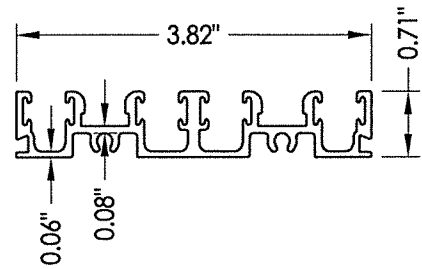
August 10, 2020
Documents Prepared By:
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FBPE Registry No. 9813

PRODUCT:	FLEETWOOD WINDOWS & DOORS
PART OR ASSEMBLY:	FRAME ANCHORING

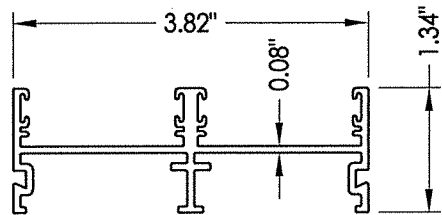
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3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE		JK
		G3 GLAZING & CHANGE NAME		
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
1	10/30/12	ADD PANEL SIZE		JK
NO.	DATE			BY
REVISIONS				

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

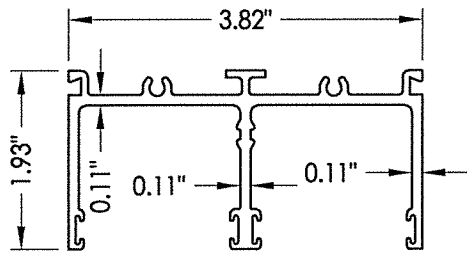
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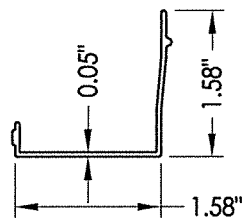
2 SILL TRACK
2 Runs



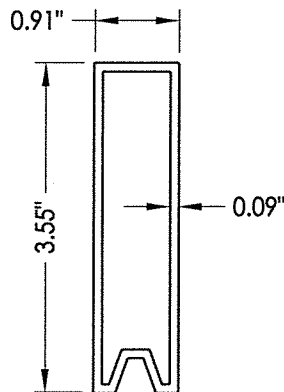
20 JAMB TRACK
2 Runs



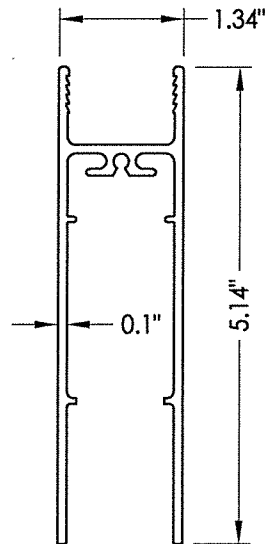
22 HEAD TRACK
2 Runs



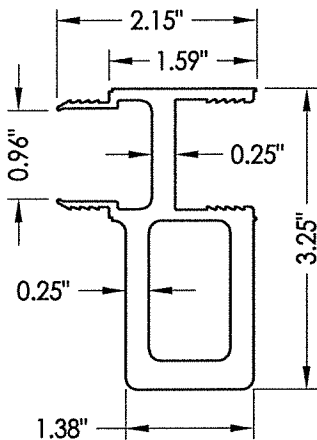
5 HEAD CHANNEL FILLER



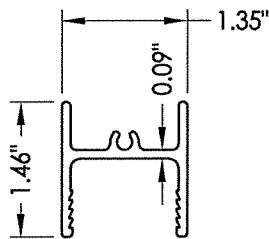
30 PANEL SETTING BLOCK



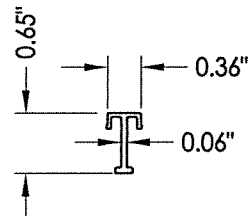
7 BOTTOM RAIL



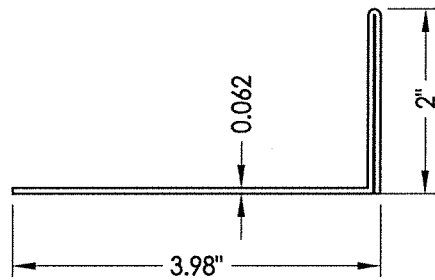
13 WINDLOAD ADAPTER



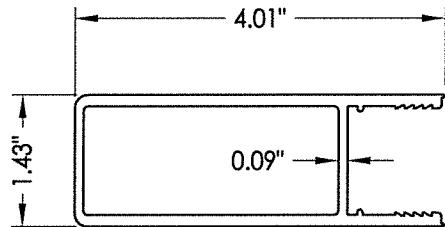
6 TOP RAIL



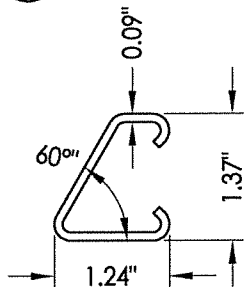
10 SILL CHANNEL FILLER



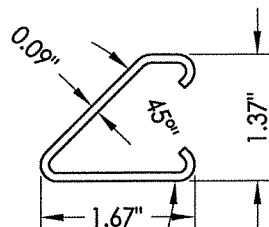
4 SILL PAN



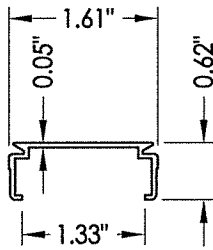
9 STILE



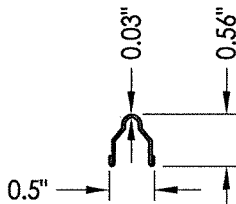
17 60° YOKE



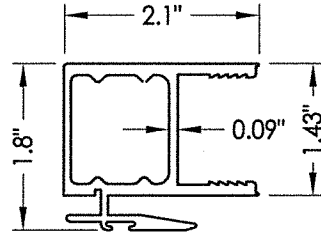
18 135° YOKE



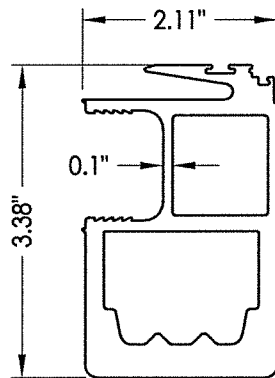
15 JAMB CHANNEL FILLER



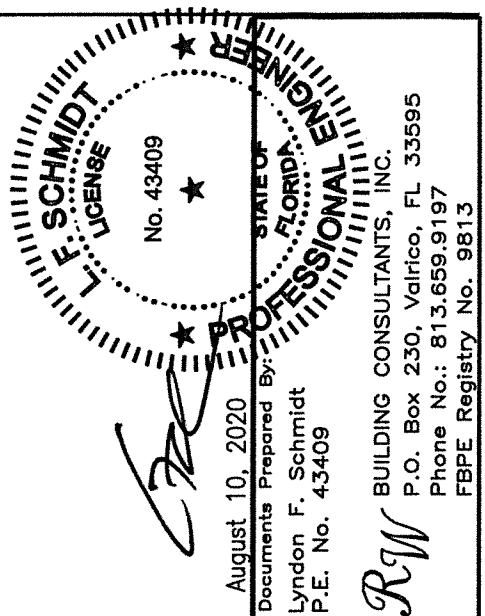
8 TRACK



11 INTERLOCK STILE
Standard



12 INTERLOCK STILE
High Performance



August 10, 2020

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FBPE Registry No. 9813

PRODUCT:

FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:

COMPONENTS

DATE: 04/30/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

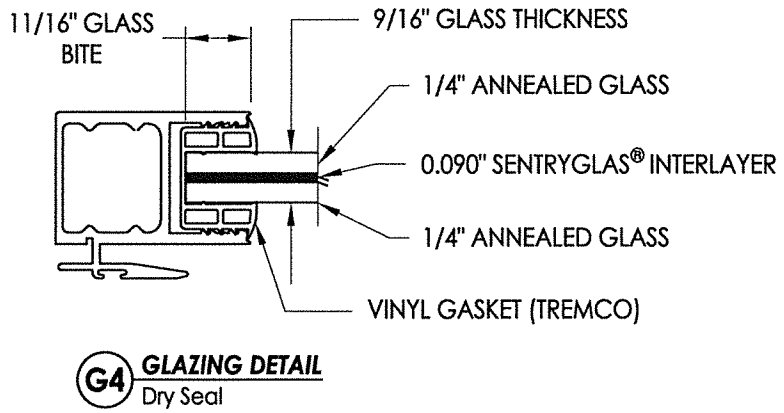
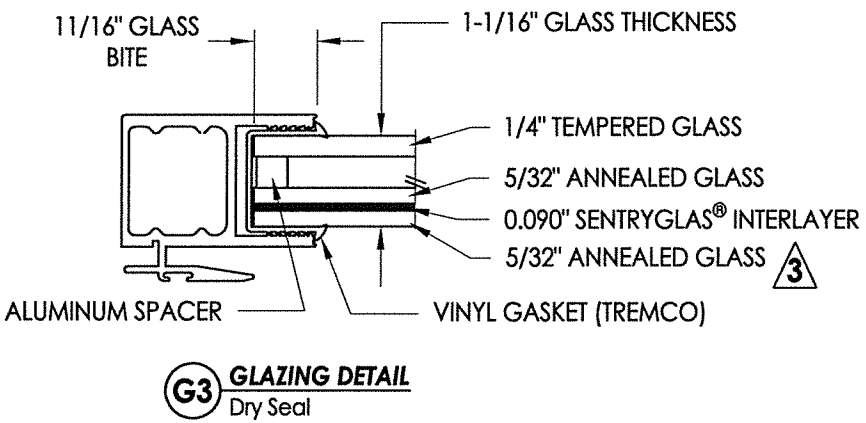
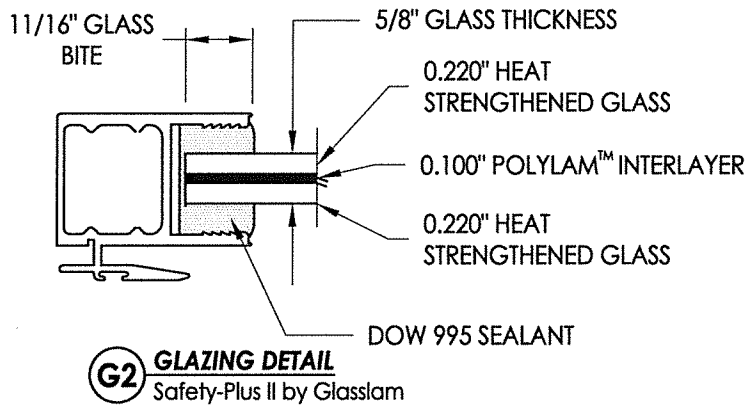
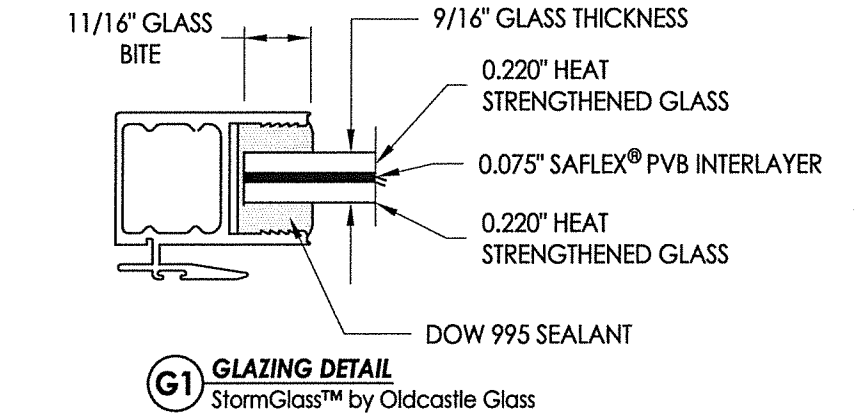
DRAWING NO.: FL-15560.5

SHEET 7 OF 8

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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)	-



NOTE: GLAZING > 36" WIDE REQUIRES AT LEAST TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1.

FLORIDA
REGISTERED PROFESSIONAL ENGINEER
F. SCHMIDT
LICENSE
No. 43409

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