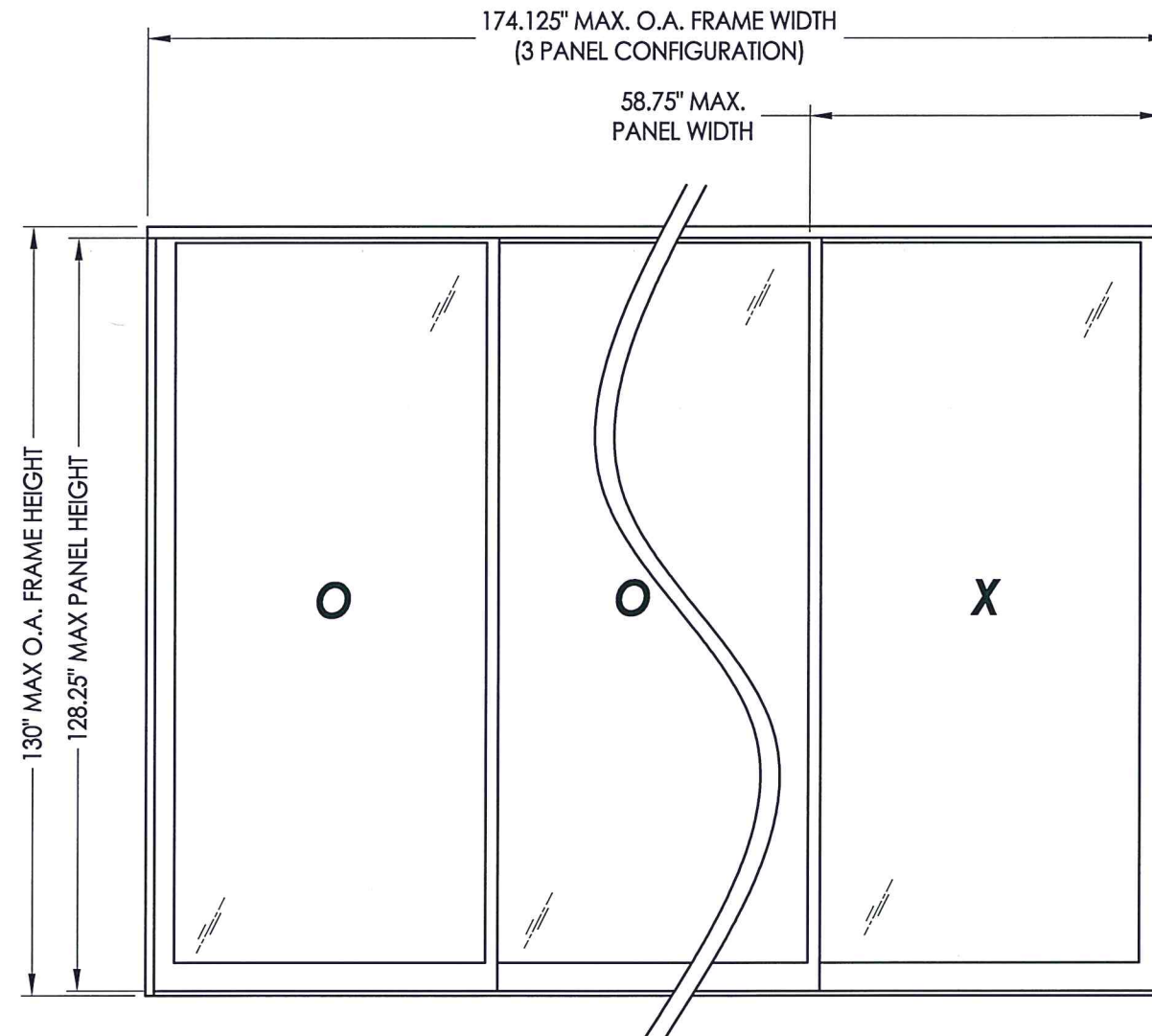


GENERAL NOTES

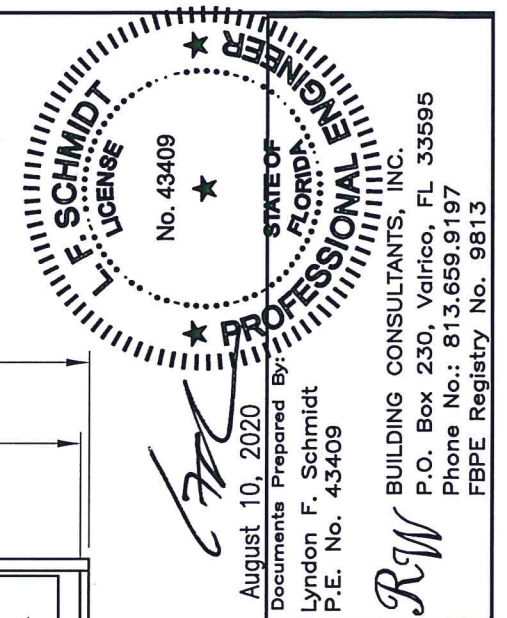
1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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 and vertical cross sections
3	Buck anchoring
4	Frame anchoring
5	Components
6	Bill of materials and glazing details



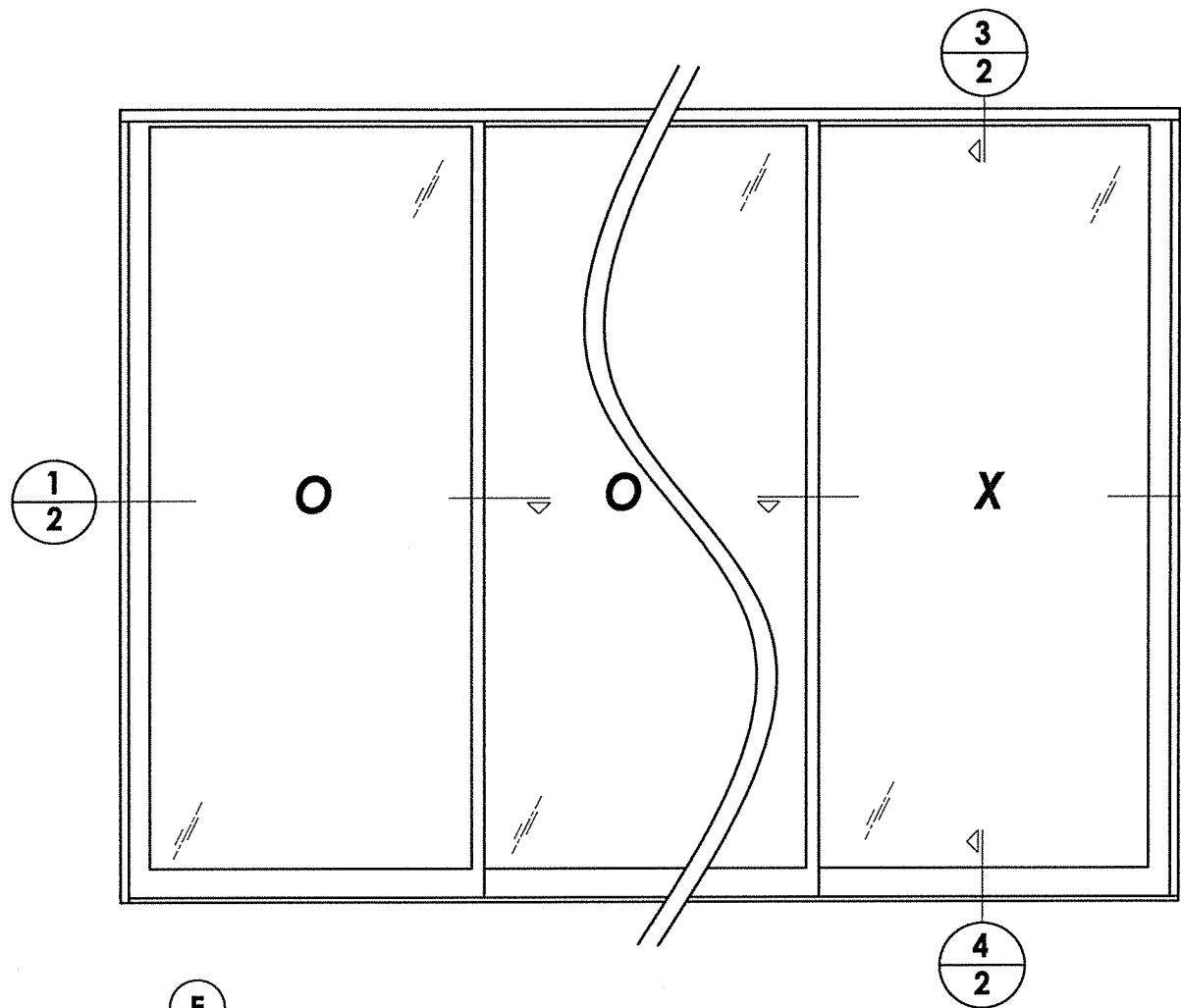
MAX PANEL DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
58.75" X 128.25"	52.63" X 121.5"	G1, G2, G4	+55.0	-60.0
58.75" X 98.25"	52.63" X 91.5"	G3	+55.0	-60.0
49.12" X 118.25"	43.0" X 111.5"		+55.0	-60.0

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

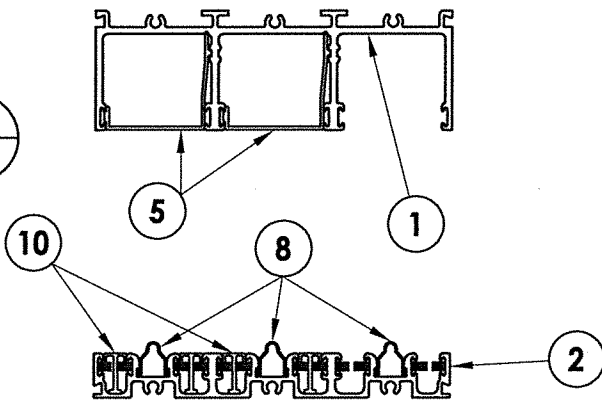


SHEET		1		OF		6	
DRAWING NO.: FL-15560.1							
CHK. BY:		LFS					
DWG. BY:		JK					
SCALE:		N.T.S.					
DATE:		04/30/12					
5	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	PRODUCT: FLEETWOOD WINDOWS & DOORS PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES		
4	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS			
3	8/06/15	CLARIFY MAX PANEL SIZE. REVISE	JK	JK			
		G3 GLAZING & CHANGE NAME					
2	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
1	6/20/12	REVISED G4 GLAZING/FRAME SIZE	LFS		REVISIONS		
NO.	DATE		BY				

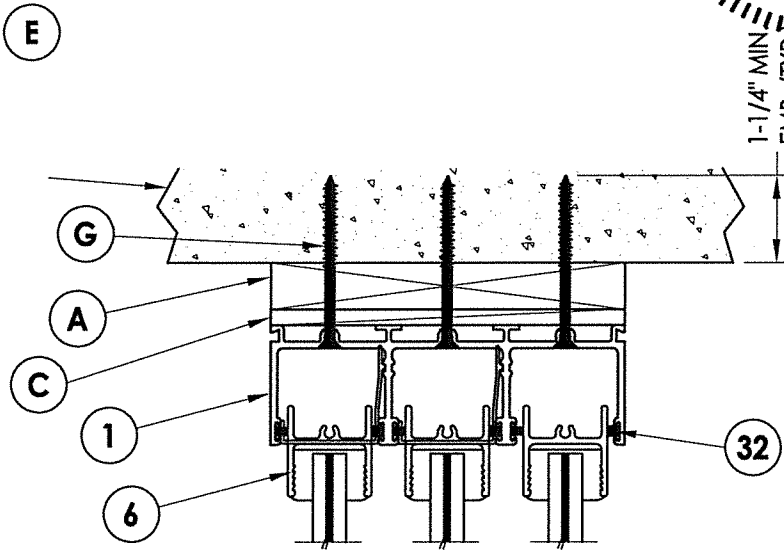
\\dc01\wbc\clients\Fleetwood PERMANENTVA - Florida Product Approvals\FL-15560 (2020)\FL-15560.1-5.dwg



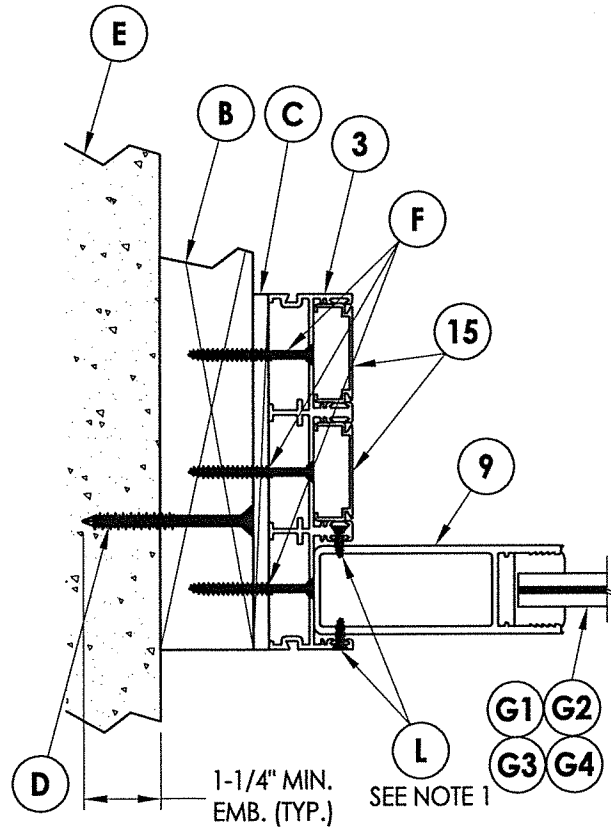
NOTE:
1. Fixed panel screws located 39" from each end.
2. A full-depth cut-out (1" wide x 3/16" tall) in track base is necessary to allow for water drainage (12" from each end and 24" o.c.).



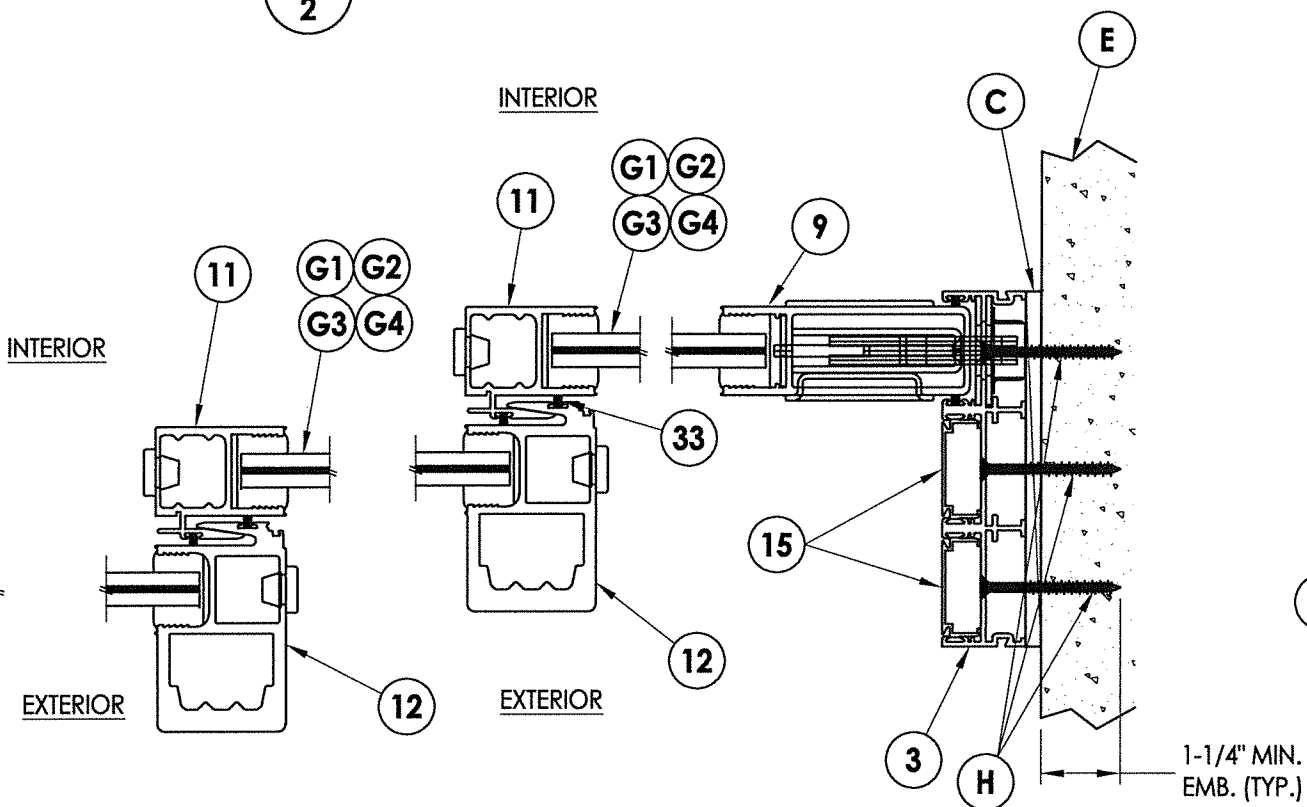
HEAD & SILL COVER CONDITION



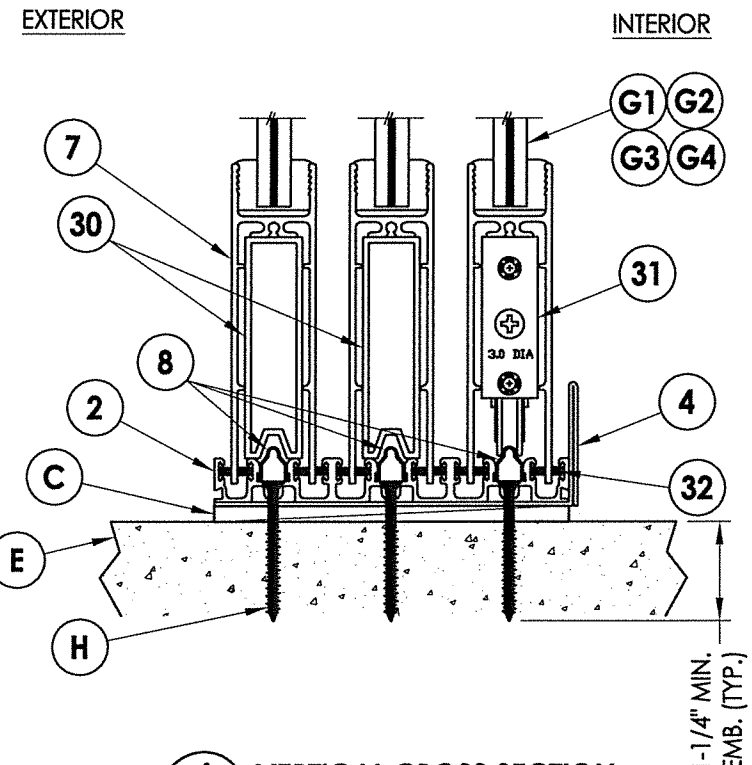
3
2 VERTICAL CROSS SECTION
1X Buck Construction



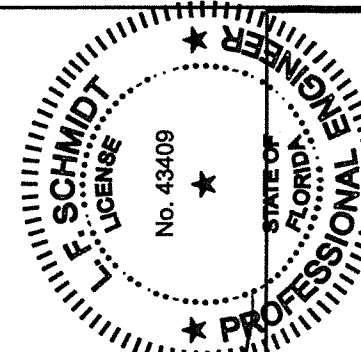
1
2 HORIZONTAL CROSS SECTION
2X Buck Construction



2
2 HORIZONTAL CROSS SECTION
Direct to masonry



4
2 VERTICAL CROSS SECTION
Direct to masonry



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:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

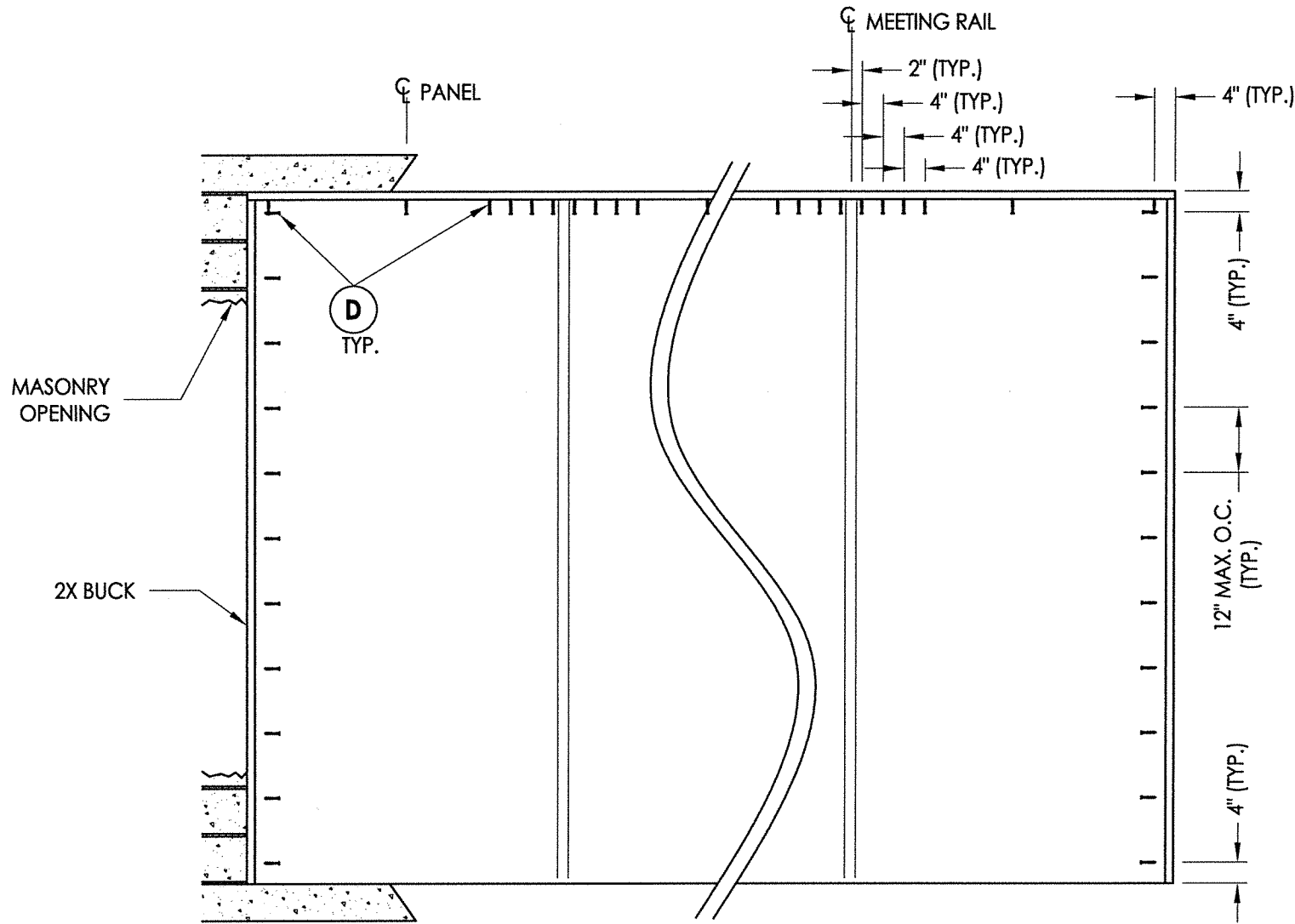
NO.	DATE	REVISIONS
5	18/10/20	UPDATE TO 7th ED. (2020) FBC
4	08/08/17	UPDATE TO 6th ED. (2017) FBC
3	08/06/15	CLARIFY MAX PANEL SIZE, REVISE G3 GLAZING & CHANGE NAME
2	04/22/15	UPDATE TO 5th ED. (2014) FBC
1	06/20/12	REVISED G4 GLAZING/FRAME SIZE

DATE: 04/30/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15560.1
SHEET 2 OF 6

CONCRETE ANCHOR NOTES:

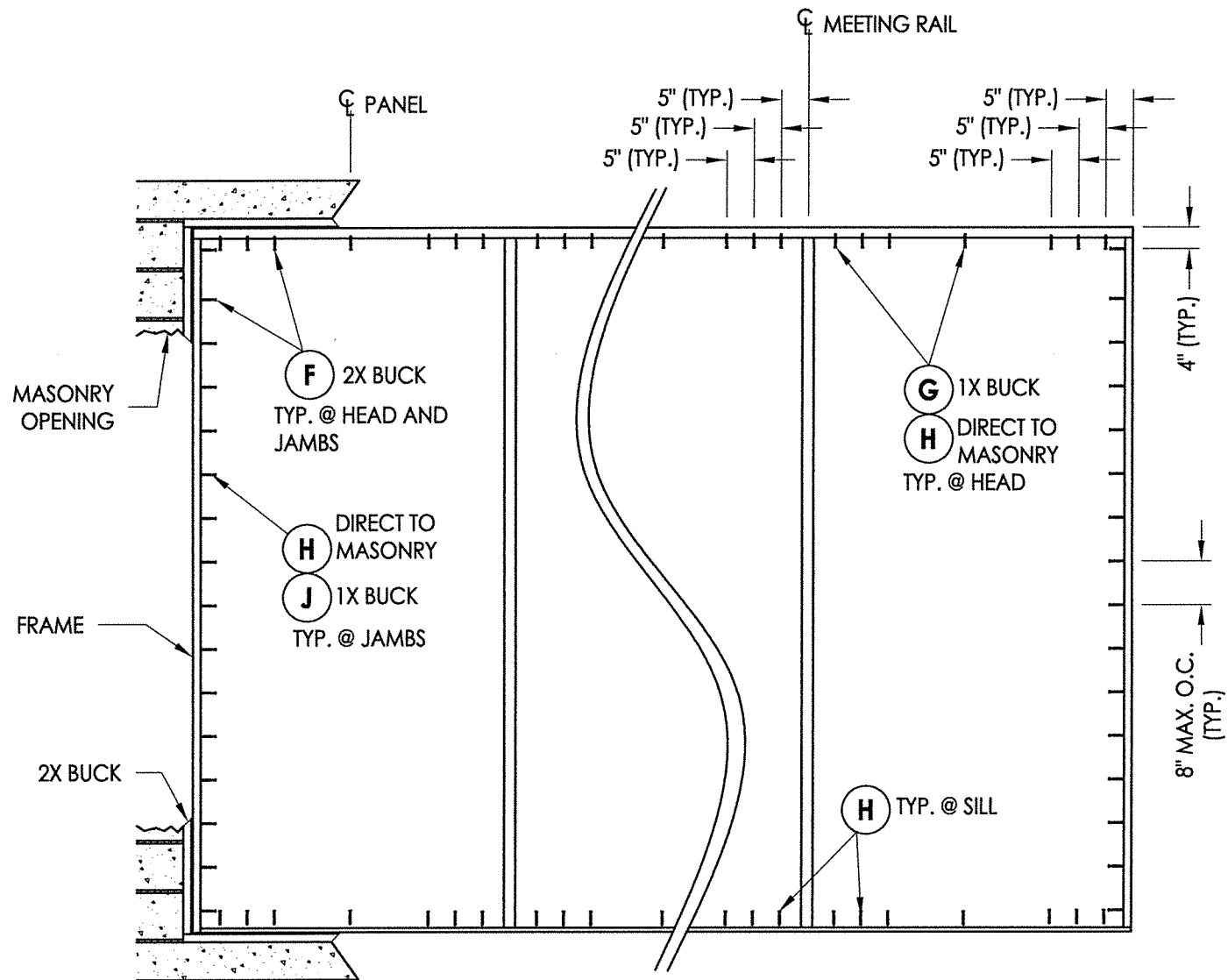
1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. 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"



2X BUCK ANCHORING

		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	REVISIONS
4	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE	JK	JK	
2	04/22/15	G3 GLAZING & CHANGE NAME	FBC	LFS	
1	6/20/12	REVISED G4 GLAZING/FRAME SIZE	BY	BY	
NO.		DATE			
DATE: 04/30/12					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15560.1					
SHEET 3 OF 6					



FRAME ANCHORING

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

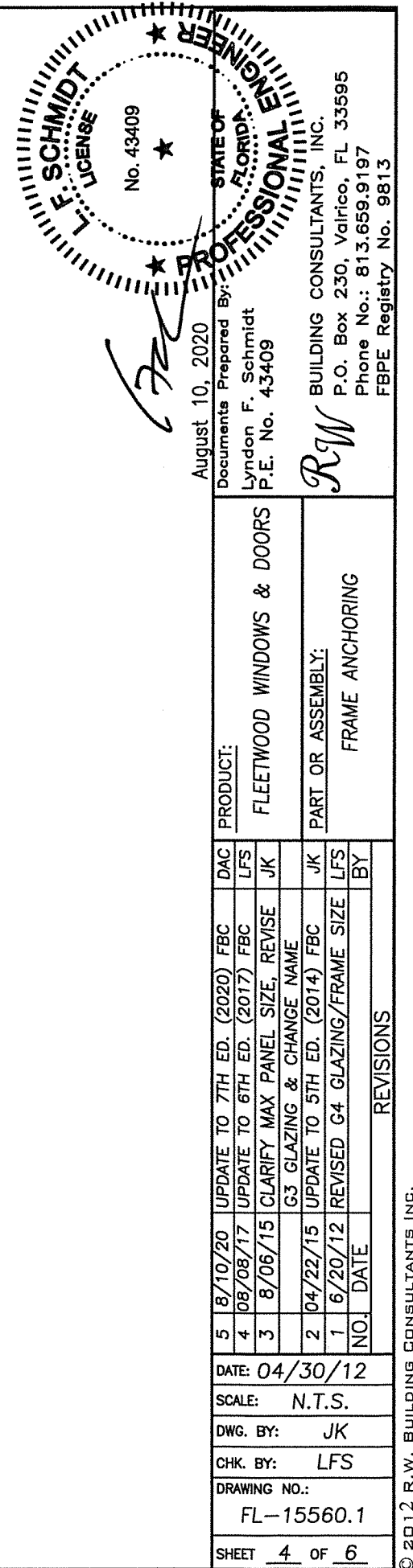
CONCRETE ANCHOR NOTES:

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:

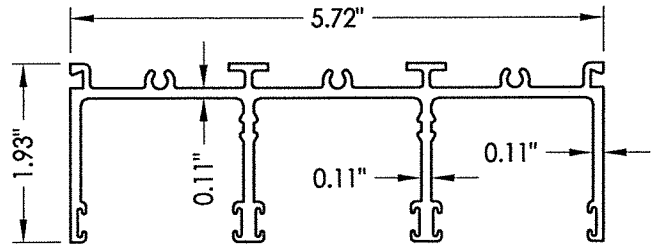
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	2"	1-7/8"

WOOD SCREW INSTALLATION NOTES:

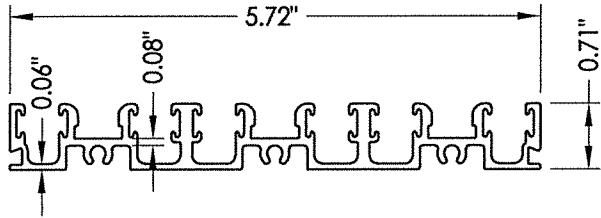
1. Maintain a minimum 3/4" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



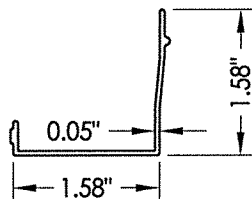
\\dc01\wbc\Clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL 15560 (2020)\FL-15560.1-.5.dwg



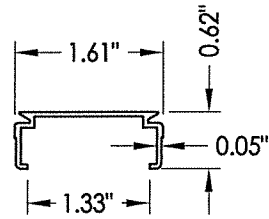
1 HEAD TRACK



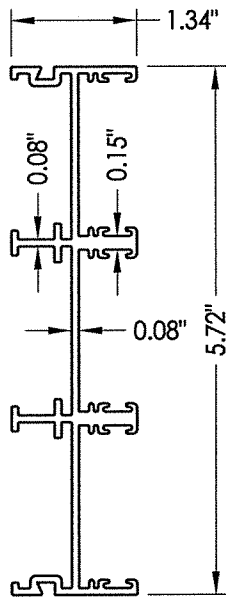
2 SILL TRACK



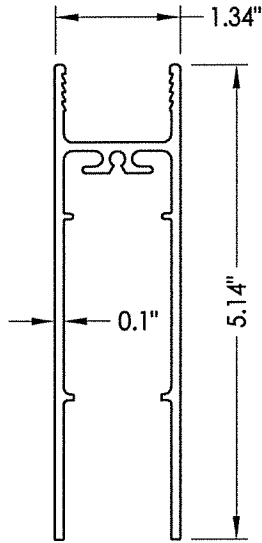
5 HEAD CHANNEL FILLER



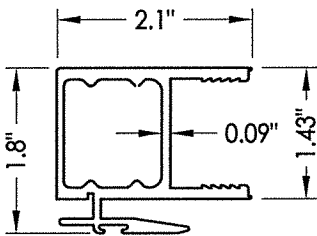
15 JAMB CHANNEL FILLER



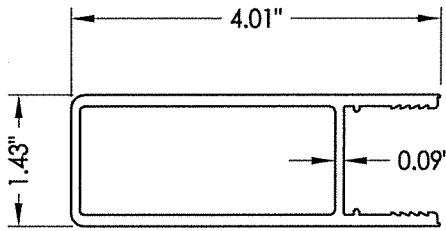
3 JAMB TRACK



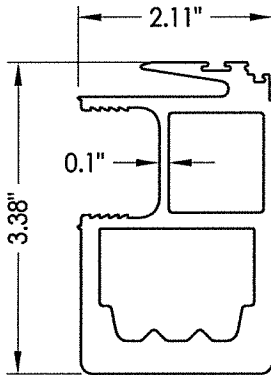
7 BOTTOM RAIL



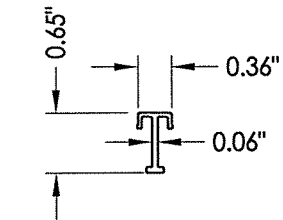
11 INTERLOCK STILE
Standard



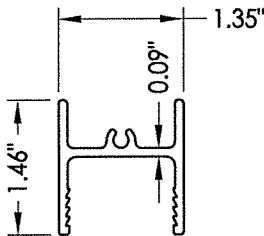
9 STILE



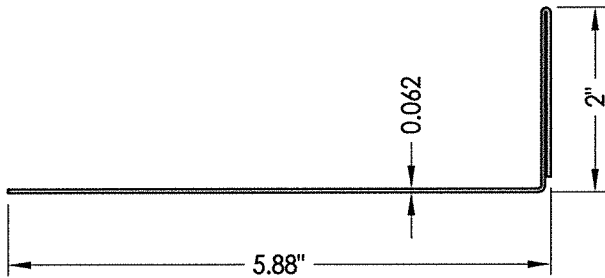
12 INTERLOCK STILE
High Performance



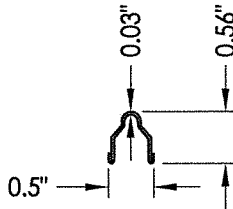
10 SILL CHANNEL FILLER



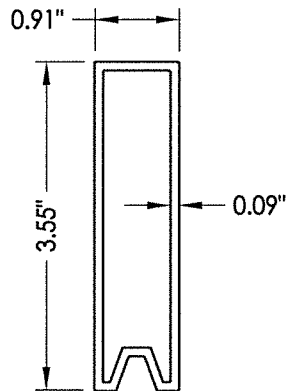
6 TOP RAIL



4 SILL PAN



8 TRACK

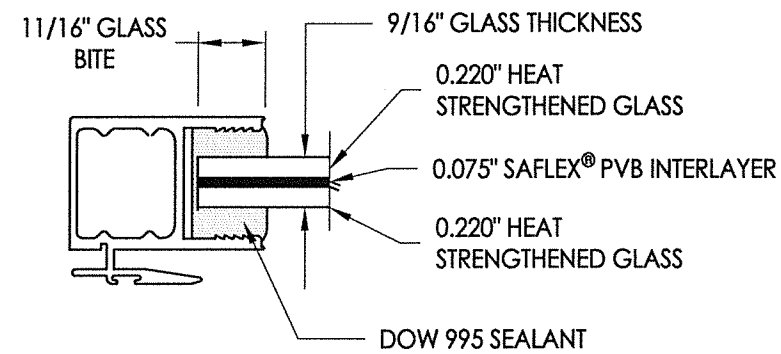


30 PANEL SETTING BLOCK

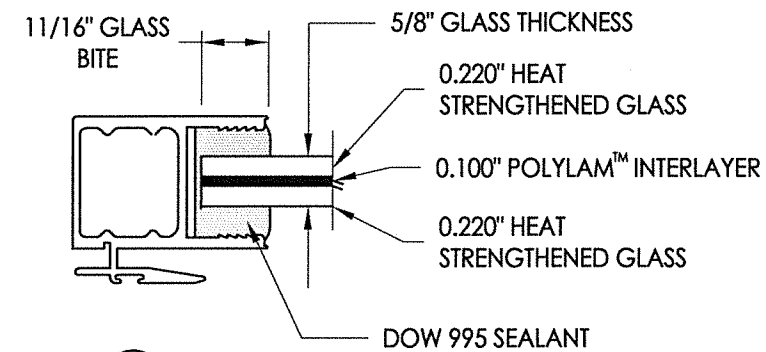
August 10, 2020
Documents Prepared By: Lyndon F. Schmidt
P.E. No. 43409
No. 43409
F. SCHMIDT
LICENSE
STATE OF FLORIDA
PROFESSIONAL ENGINEER
R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:				PART OR ASSEMBLY:			
FLEETWOOD WINDOWS & DOORS				COMPONENTS			
DAC	FBC	JK	LFS	JK	LFS	BY	
5	8/10/20	UPDATE TO 7th ED. (2020)	5	8/10/20	UPDATE TO 7th ED. (2020)	5	8/10/20
4	08/08/17	UPDATE TO 6th ED. (2017)	4	08/08/17	UPDATE TO 6th ED. (2017)	4	08/08/17
3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE	3	8/06/15	CLARIFY MAX PANEL SIZE, REVISE	3	8/06/15
2	04/22/15	G3 GLAZING & CHANGE NAME	2	04/22/15	G3 GLAZING & CHANGE NAME	2	04/22/15
1	6/20/12	UPDATE TO 5th ED. (2014) FBC	1	6/20/12	UPDATE TO 5th ED. (2014) FBC	1	6/20/12
REVISED G4 GLAZING/FRAME SIZE				REVISED G4 GLAZING/FRAME SIZE			
NO.	DATE			NO.	DATE		
REVISIONS				REVISIONS			
DATE: 04/30/12				DATE: 04/30/12			
SCALE: N.T.S.				SCALE: N.T.S.			
DWG. BY: JK				DWG. BY: JK			
CHK. BY: LFS				CHK. BY: LFS			
DRAWING NO.: FL-15560.1				DRAWING NO.: FL-15560.1			
SHEET 5 OF 6				SHEET 5 OF 6			

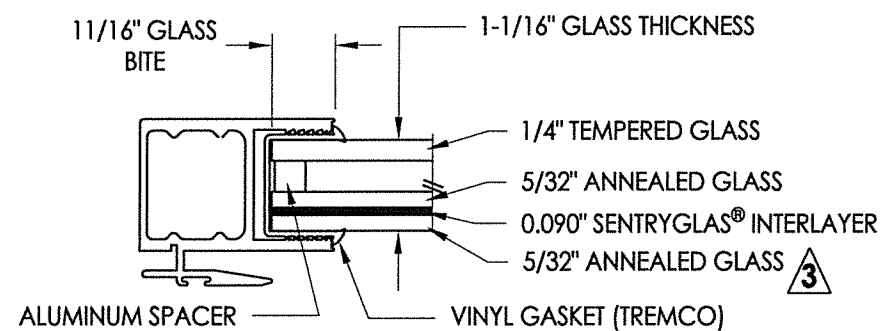
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PFH 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
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 (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
15	JAMB CHANNEL FILLER	6063-T6 ALUM
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)	-



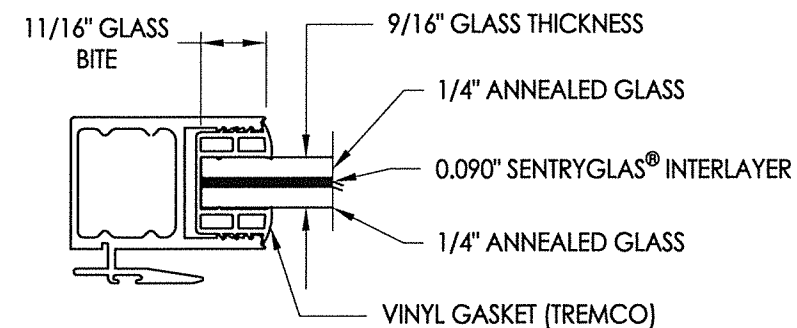
G1 GLAZING DETAIL
StormGlass™ by Oldcastle Glass



G2 GLAZING DETAIL
Safety-Plus II by Glasslam



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.

