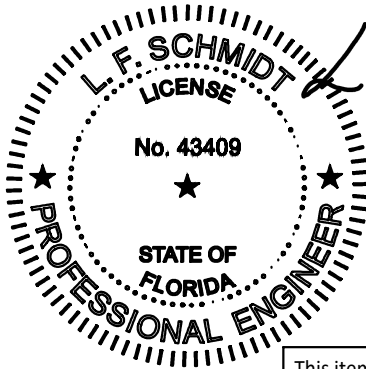




Series 3070-HI

Sliding Glass / Pocket Door

"IMPACT"



Digitally signed by
Lyndon F Schmidt
Date: 2023.07.13
09:43:03 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

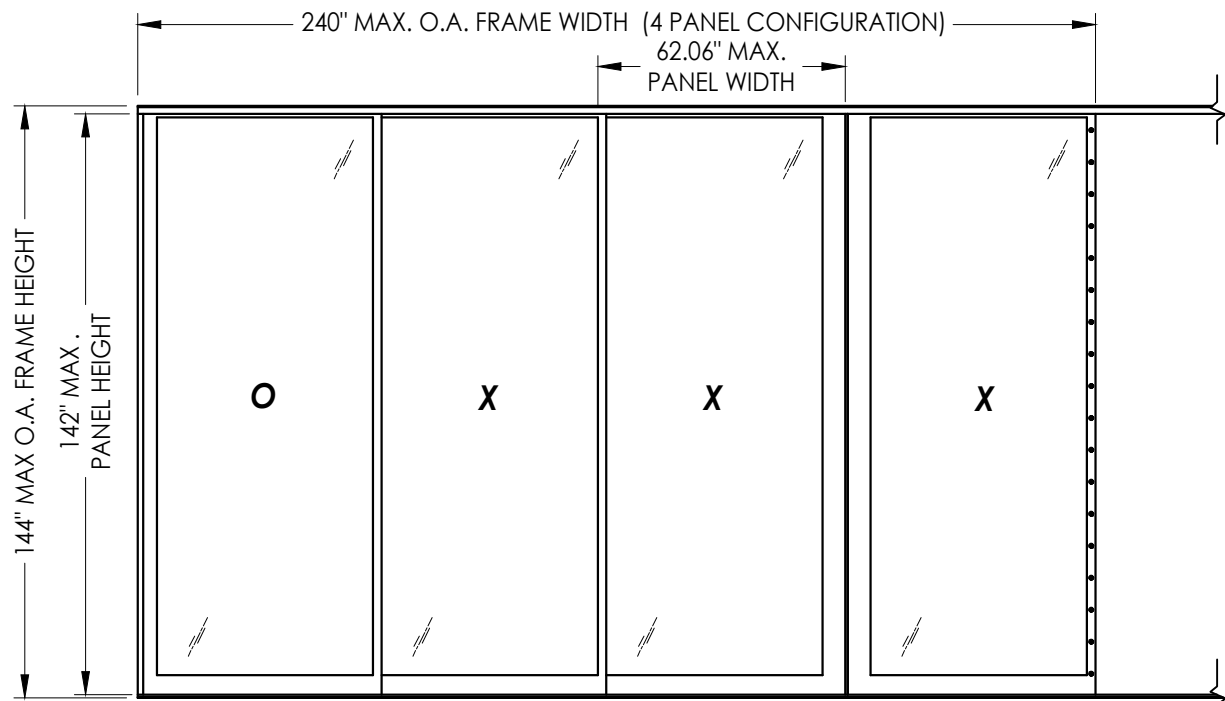
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

GENERAL NOTES

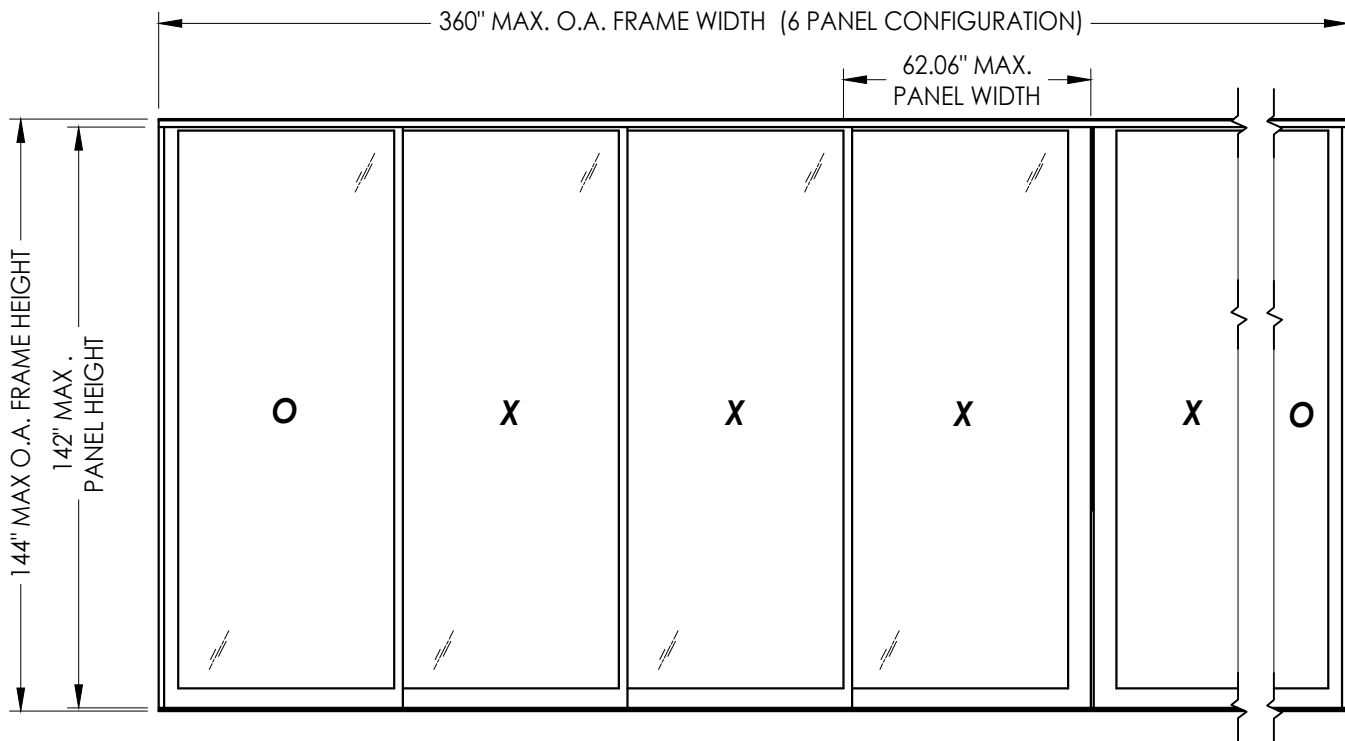
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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	Horizontal cross sections
4	Vertical cross sections
5	Vertical cross sections
6	Buck anchoring
7	Frame anchoring
8	Frame anchoring
9	Components
10	Components
11	Bill of materials and glazing details



SLIDING GLASS POCKET DOOR



SLIDING GLASS DOOR

MAX PANEL DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
62.06" X 142.0"	56.5" X 135.5"	G1, G2	+50.0	-55.0

Note: Sliding Glass Pocket Door (3 + 1 Panels shown), Sliding Glass Door (4 Track shown)
Any combination of fixed and operable panels is allowed.
There is not a limit on the number of panels.

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

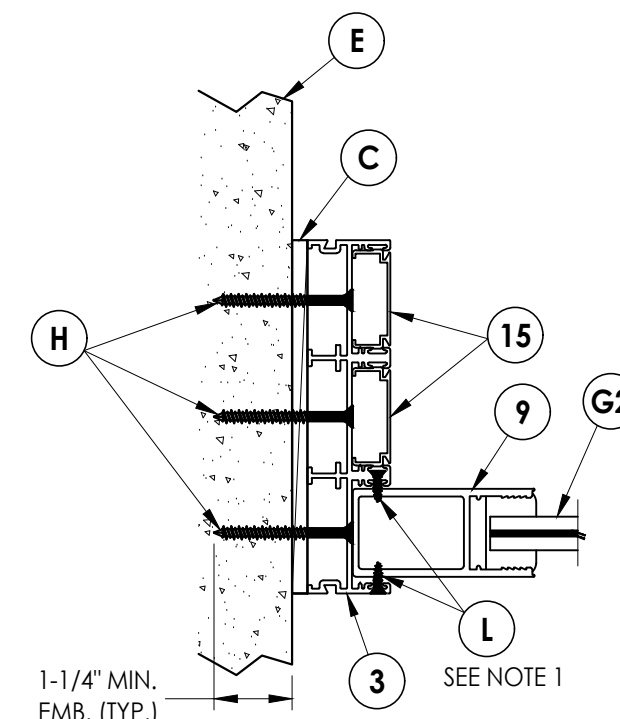
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
FLEETWOOD WINDOWS & DOORS

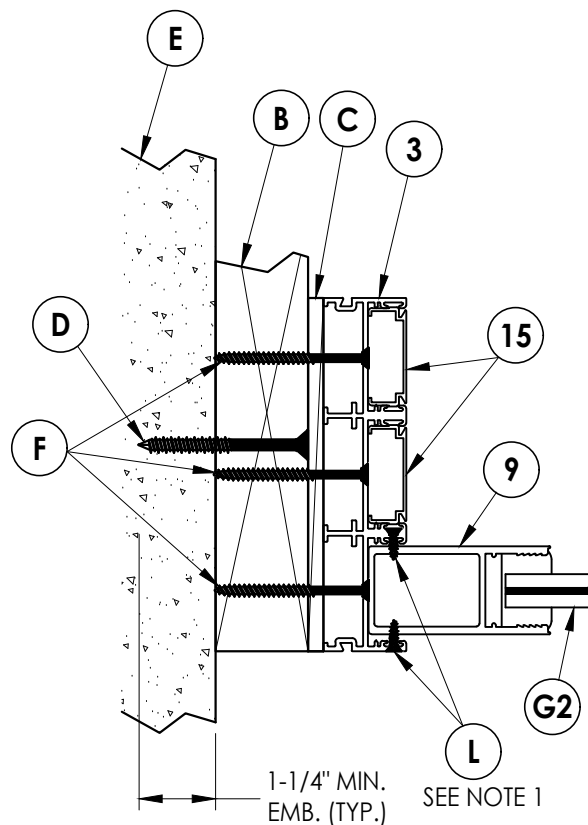
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS
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2	8/10/20	UPDATE TO 7TH ED. (2020) FBC
1	08/08/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 03/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-15560.17
SHEET 1 OF 11

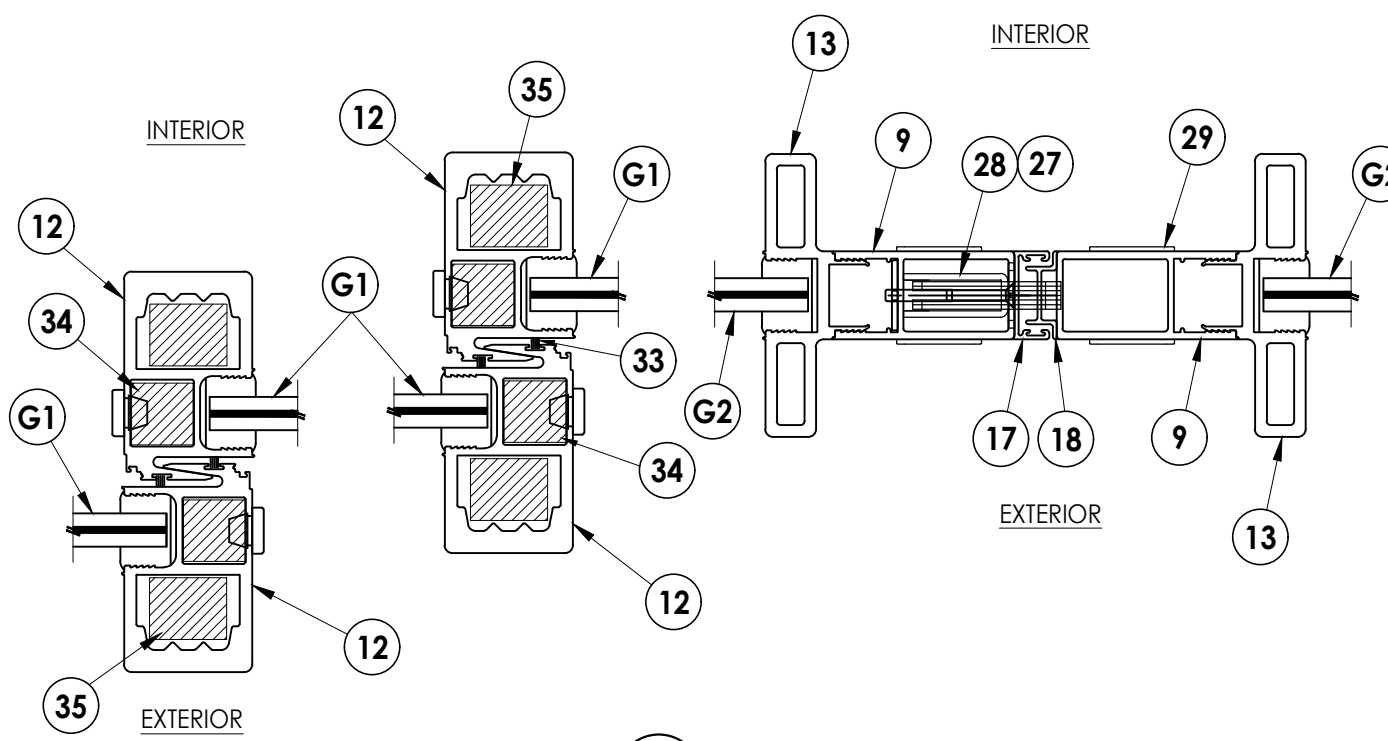


2 **HORIZONTAL CROSS SECTION**
2 Direct to masonry

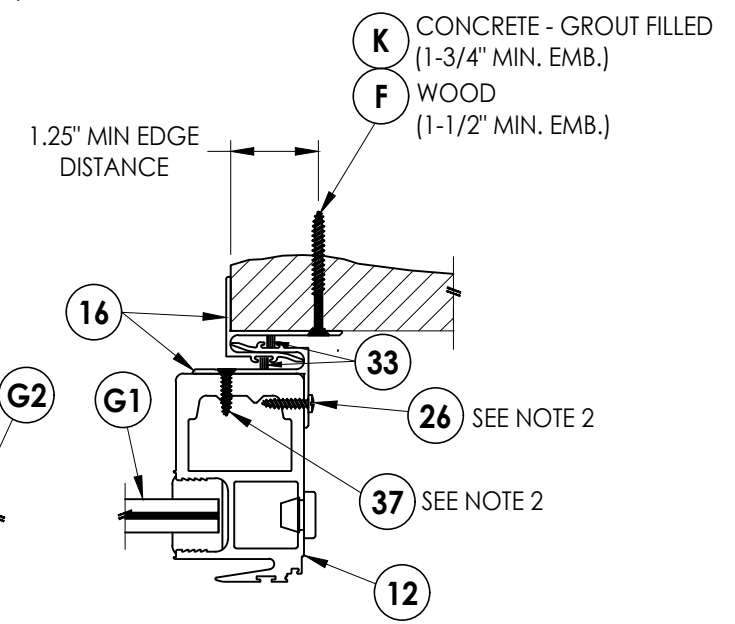


NOTE:

1. Fixed panel screws located 39" from each end.
2. Pocket interlock screws located 2" from each end & 12" o.c. thereafter.



1 HORIZONTAL CROSS SECTION
2 2X Buck Construction

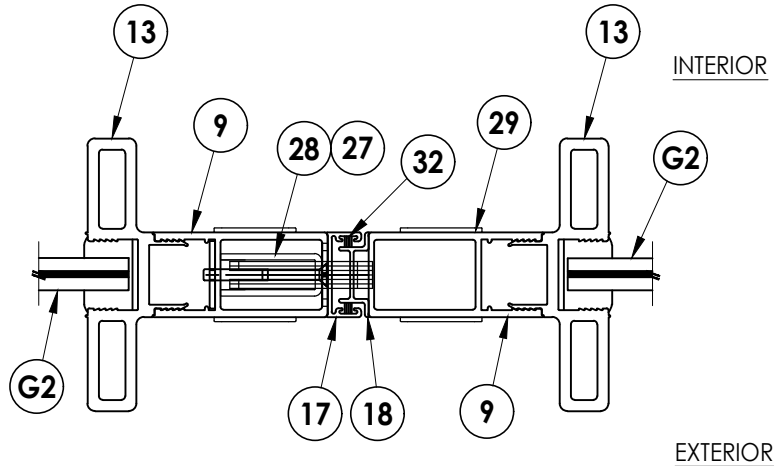
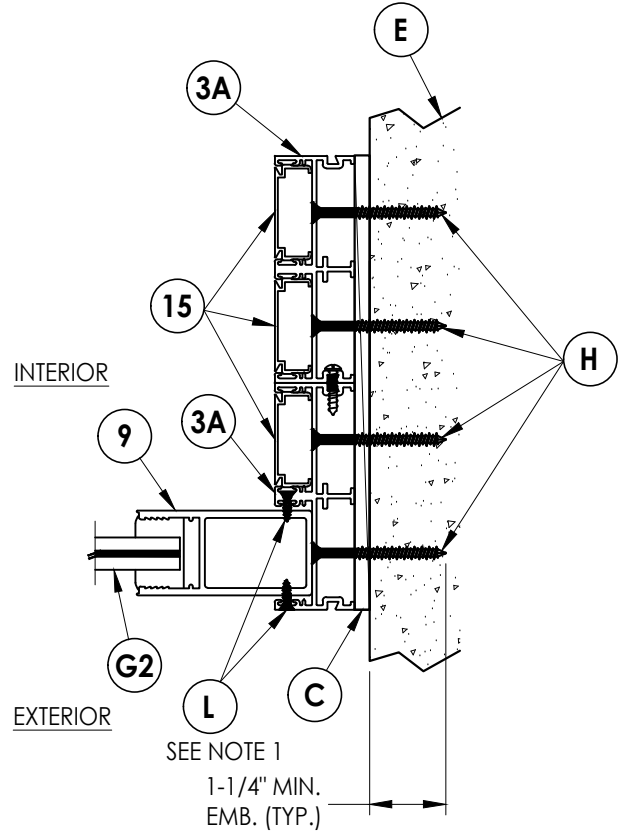
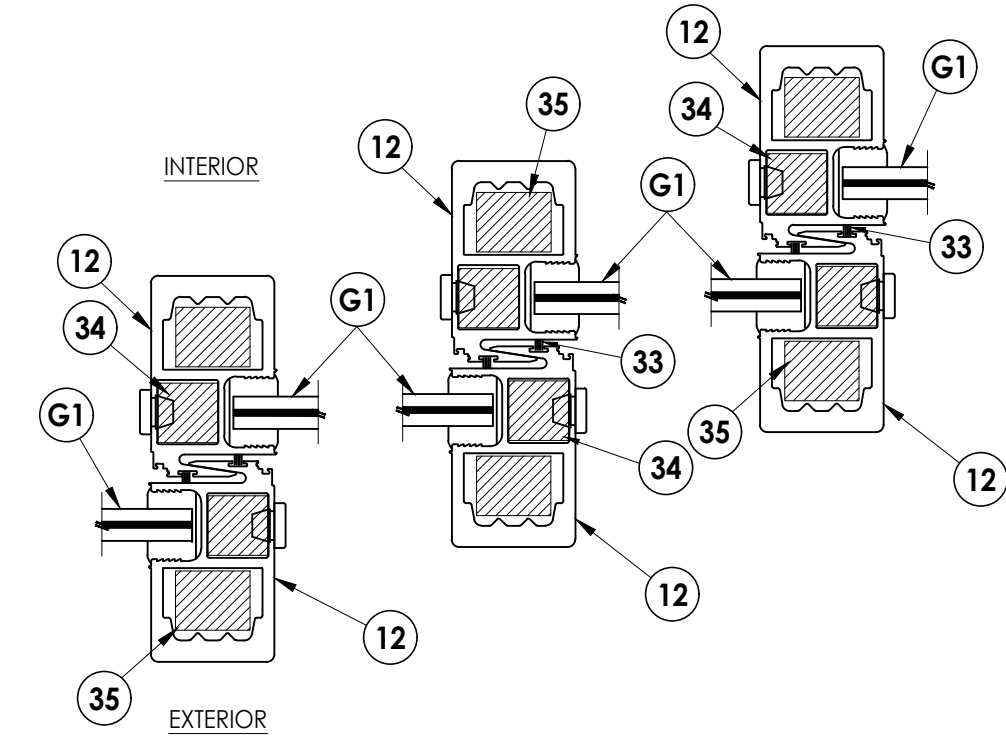
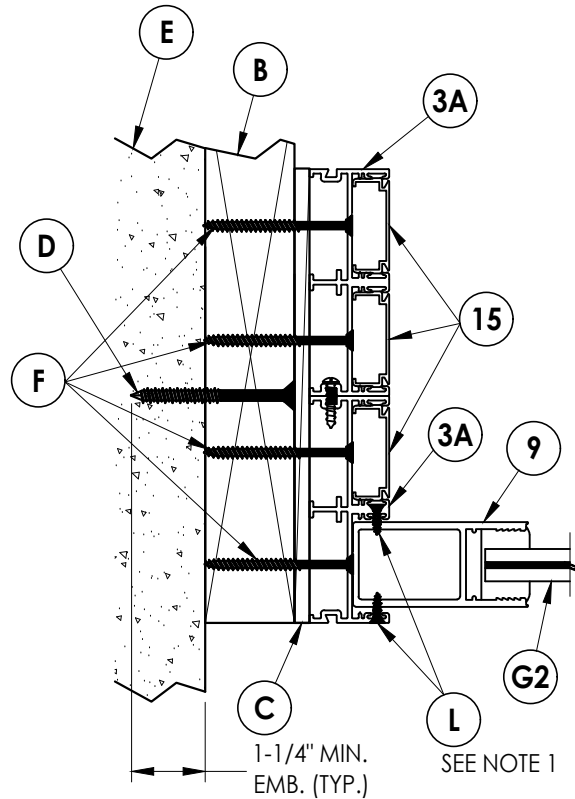
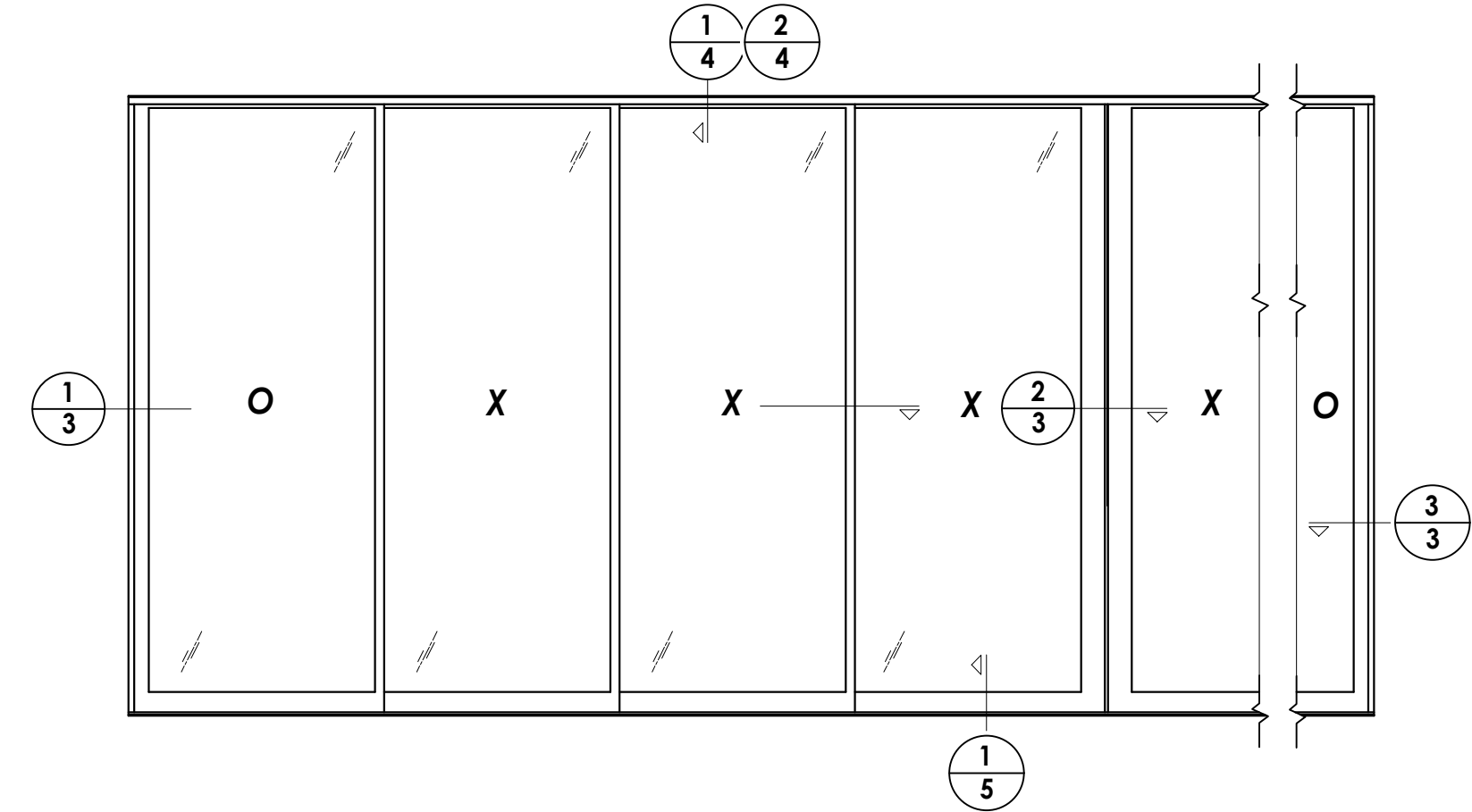
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Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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FBPE Registry No. 9813

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Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-15560 R12 Sliding Patio Door\FL-15560.17-18.dwg



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

1
3 **HORIZONTAL CROSS SECTION**
2X Buck Construction

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

2
3 **HORIZONTAL CROSS SECTION**

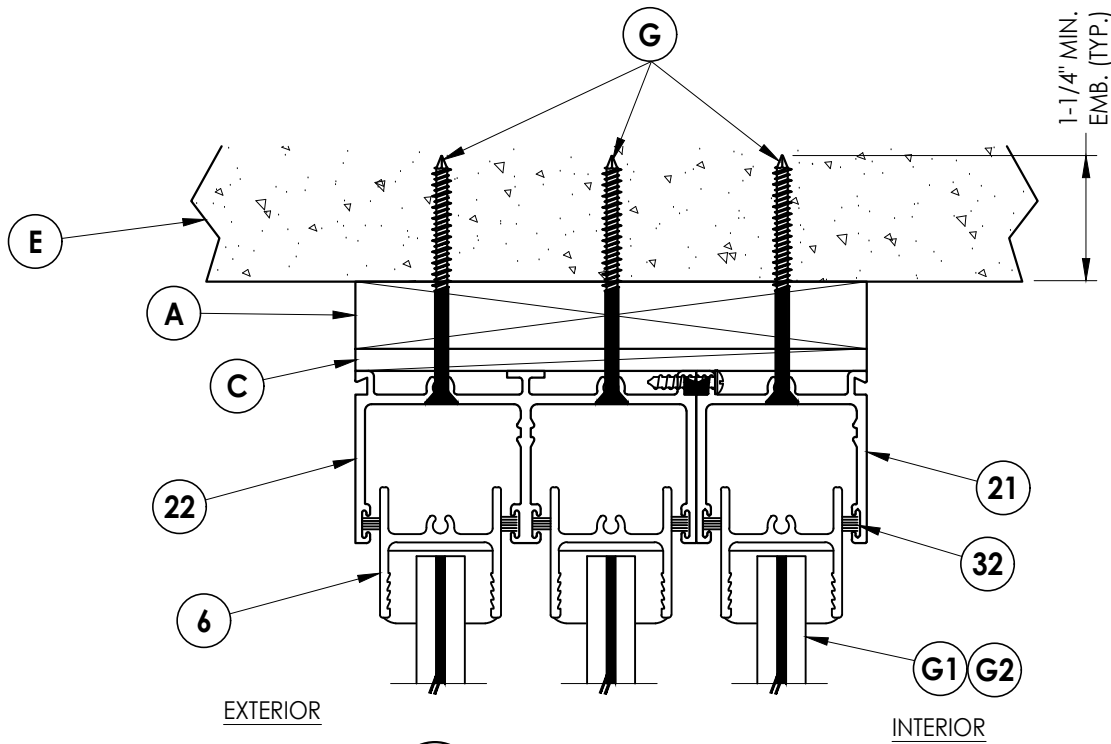
DATE:	03/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15560.17
SHEET	3 OF 11

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

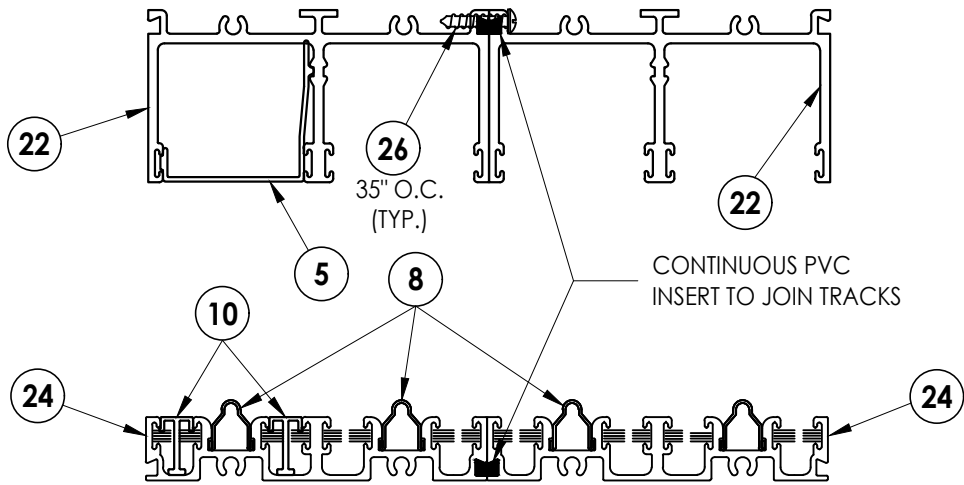
Documents Prepared By:
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P.E. No. 43409

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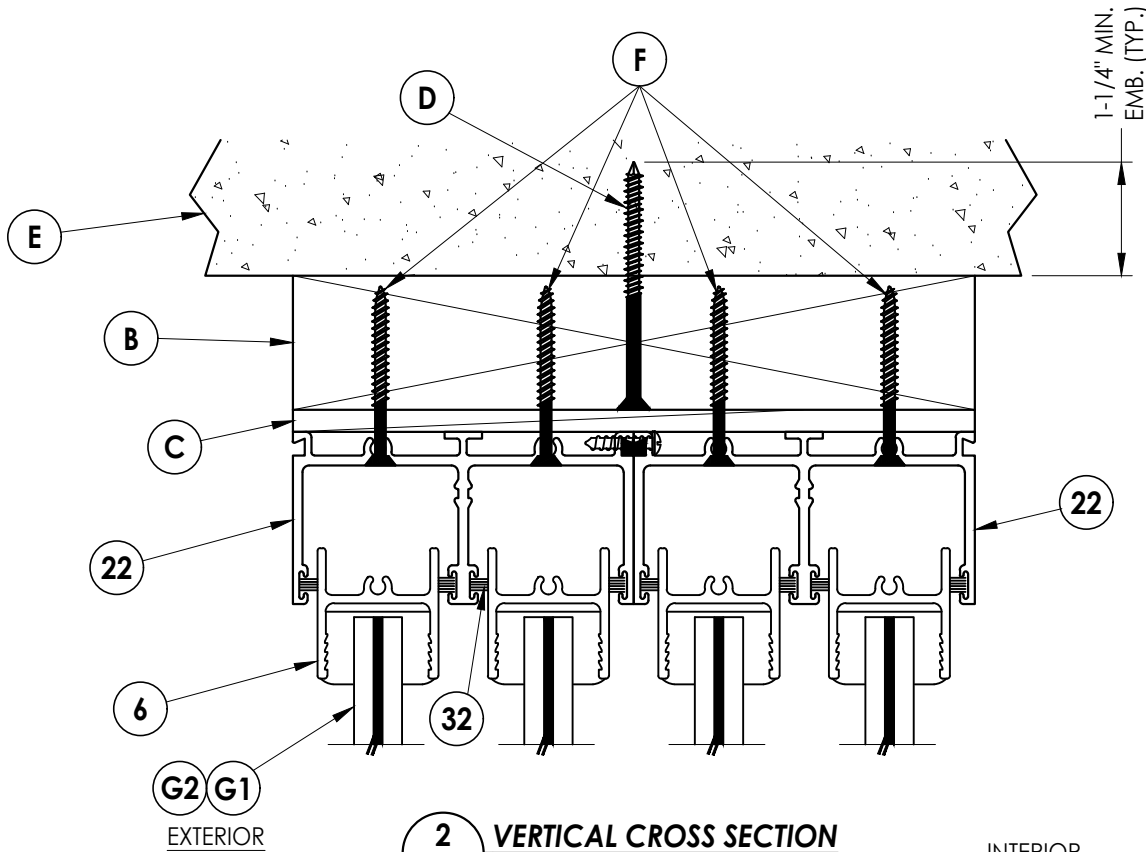
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1
4 **VERTICAL CROSS SECTION**
1X Buck Construction
(Shown w/ 3 tracks)



HEAD & SILL COVER CONDITION



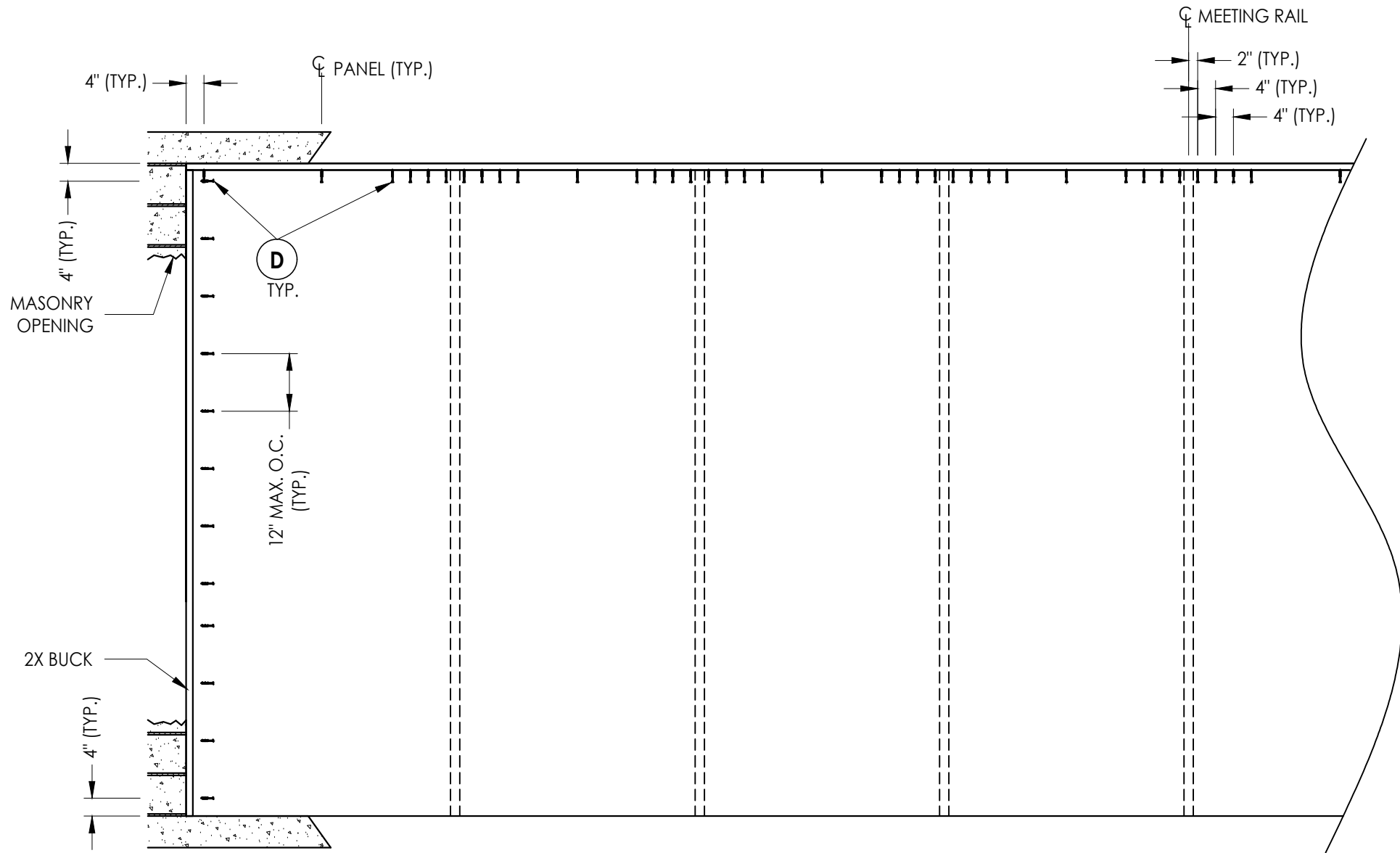
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4 **VERTICAL CROSS SECTION**
2X Buck Construction
(Shown w/ 4 tracks)

PRODUCT:		FLEETWOOD WINDOWS & DOORS	
		PART OR ASSEMBLY:	
		VERTICAL CROSS SECTIONS	
		REVISIONS	
NO.	DATE		BY
3	7/12/23	UPDATE TO 8TH ED. (2023)	LFS
2	8/10/20	UPDATE TO 7th ED. (2020)	DAC
1	08/08/17	UPDATE TO 6TH ED. (2017)	LFS

DATE:	03/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15560.17
SHEET	4 OF 11

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



2X BUCK ANCHORING

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"

[illegible]

PRODUCT: FLEETWOOD WINDOWS & DOORS

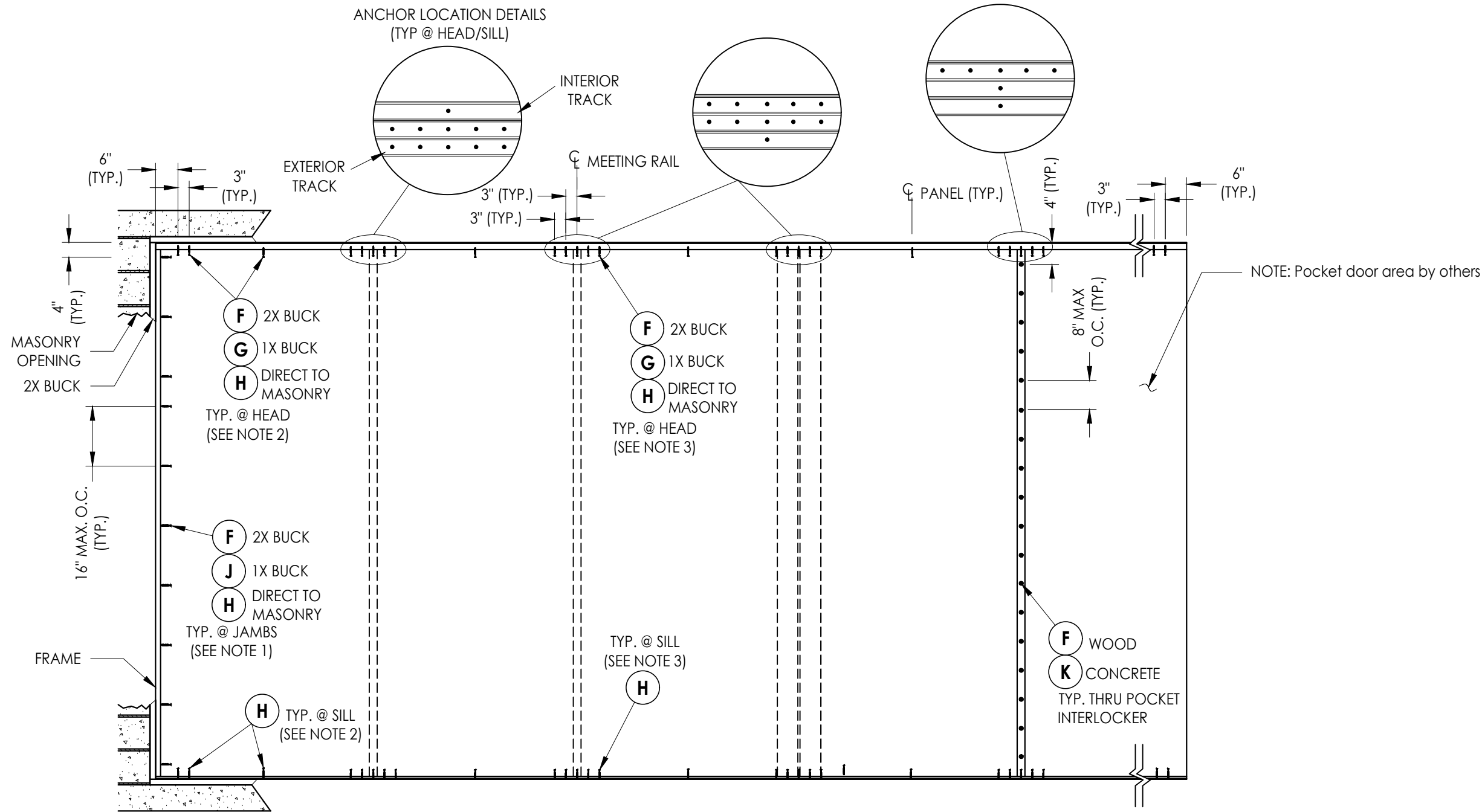
PART OR ASSEMBLY:

BUCK ANCHORING

Documents Prepared By:
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P.E. No. 43409

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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"
DeWALT ULTRACON®	1/4"	1-1/4"	1-1/4"	6"

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.

FRAME ANCHORING

SLIDING GLASS POCKET DOOR

ANCHOR LOCATION NOTES:

- JAMBS (@ EACH LOCATION): 1 ANCHOR REQUIRED PER TRACK
- HEAD/SILL (@ EACH END/CENTERLINE OF PANEL): 1 ANCHOR REQUIRED PER TRACK
- HEAD/SILL (@ MEETING RAILS): SEE DETAILS FOR ANCHORS REQUIRED PER TRACK

Documents Prepared By:
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P.E. No. 43409

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

PRODUCT:
FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
3	7/12/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	8/10/20	UPDATE TO 7TH ED. (2020) FBC DAC
1	08/08/17	UPDATE TO 6TH ED. (2017) FBC LFS

DATE: 03/10/16

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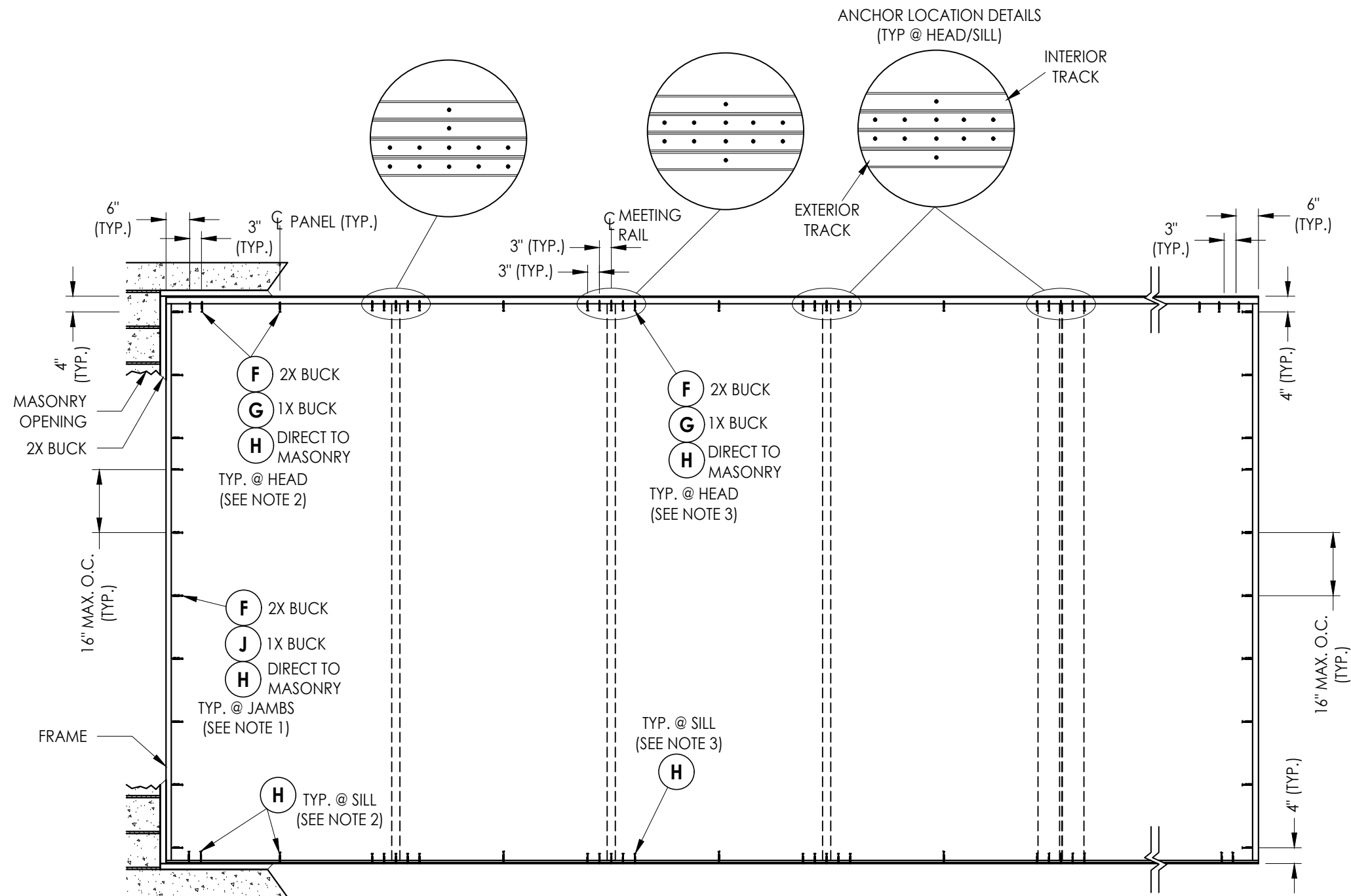
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CHK. BY: LFS

DRAWING NO.:

FL-15560.17

SHEET 7 OF 11



FRAME ANCHORING

SLIDING GLASS DOOR

ANCHOR LOCATION NOTES:

1. JAMBS (@ EACH LOCATION): 1 ANCHOR REQUIRED PER TRACK
2. HEAD/SILL (@ EACH END/CENTERLINE OF PANEL): 1 ANCHOR REQUIRED PER TRACK
3. HEAD/SILL (@ MEETING RAILS): SEE DETAILS FOR ANCHORS REQUIRED PER TRACK

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.

3	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
1	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
NO.	DATE			BY	
					REVISIONS

DATE: 03/10/16

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15560.17

SHEET 8 OF 11

PRODUCT:

PRODUCT: FLEETWOOD WINDOWS & DOORS

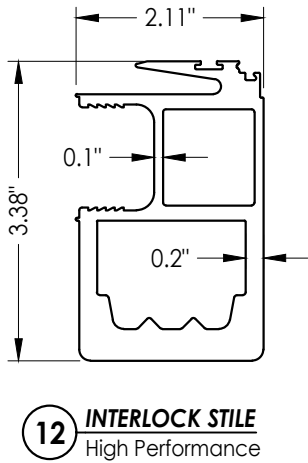
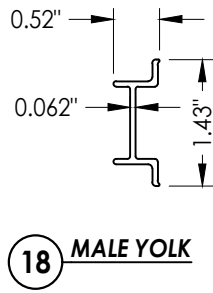
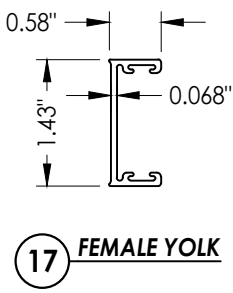
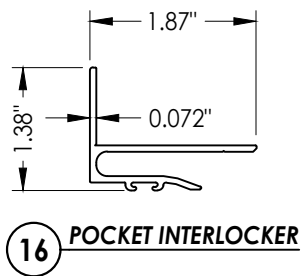
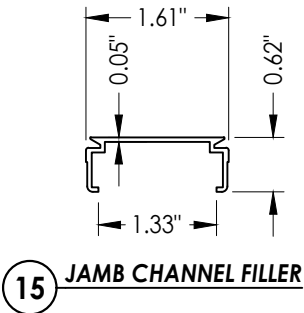
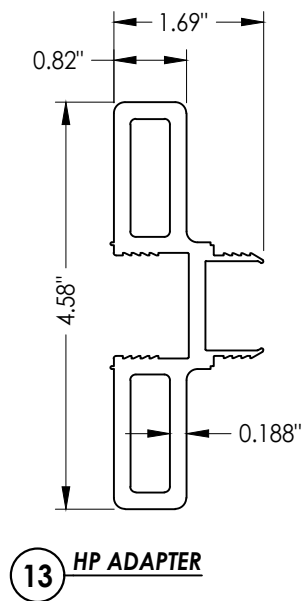
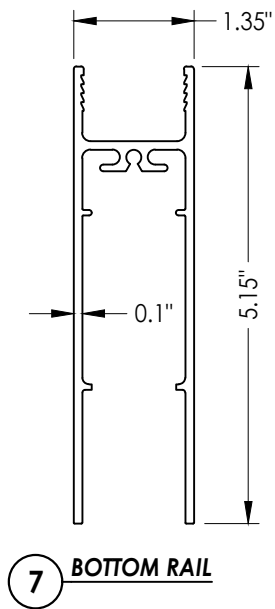
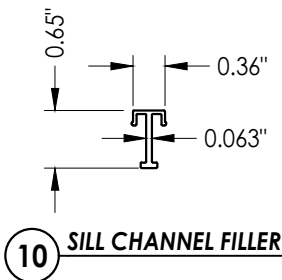
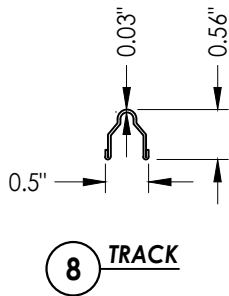
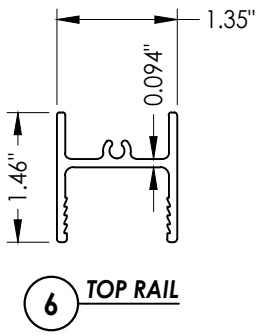
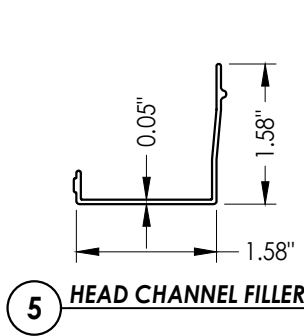
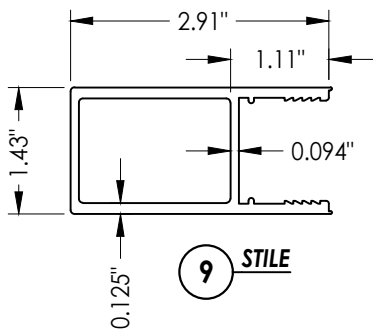
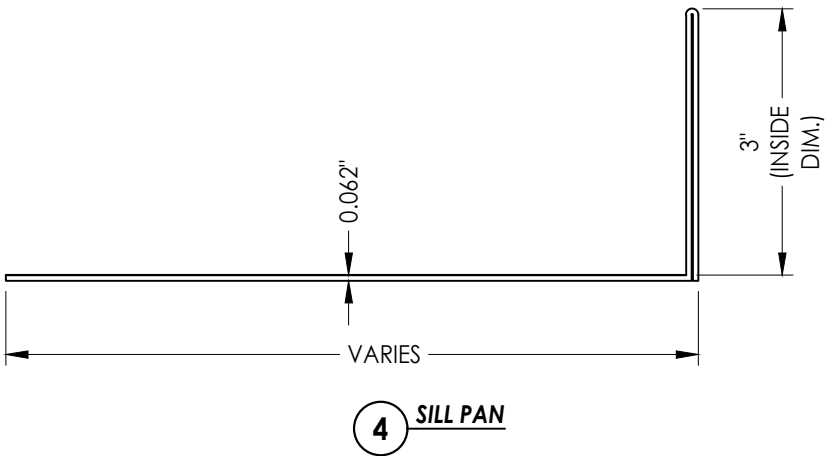
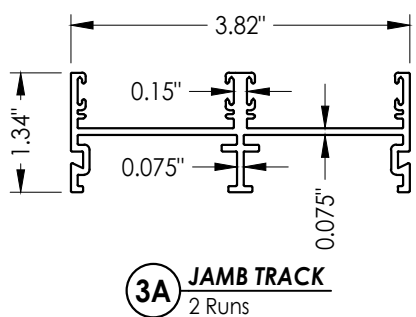
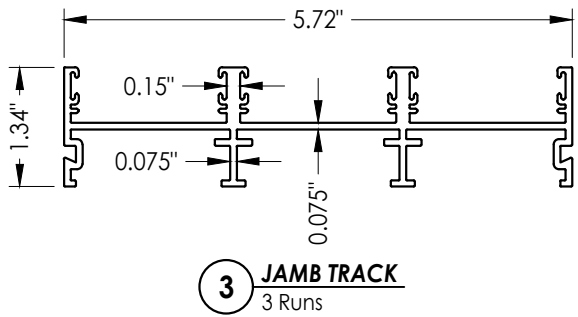
ASSEMBLY:
FRAME ANCHORING

REVISIONS

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

R²W
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\R12 Sliding Patio Door\FL-15560.17-18.dwg



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: COMPONENTS			
				LFS	DAC	LFS	BY
				UPDATE TO 8TH ED. (2023) FBC	UPDATE TO 7th ED. (2020) FBC	UPDATE TO 6TH ED. (2017) FBC	REVISIONS
				3	2	1	NO. DATE
DATE: 03/10/16							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15560.17							
SHEET 9 OF 11							

Figure 10.10

Figure 10.11

Technical drawing of a rectangular plate. The dimensions are: 0.91" (width), 3.55" (height), and 0.094" (thickness).

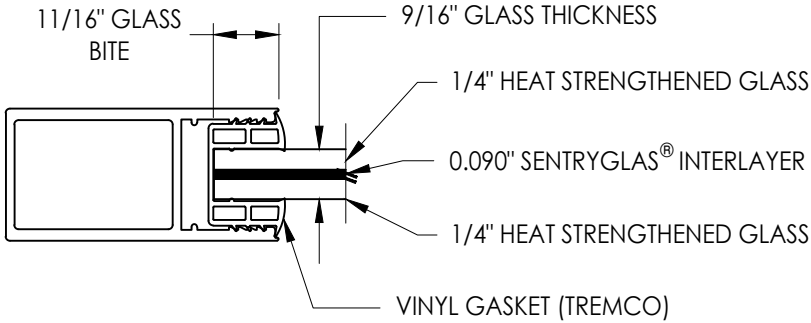
A technical drawing of a cross-section of an extruded profile. The profile is 1.91 inches wide and 0.062 inches thick. It features a series of vertical fins and grooves. The height of the profile is 0.71 inches. The drawing includes dimension lines and arrows indicating the measurements.

Technical drawing of a cross-section of a corrugated metal profile. The drawing shows a series of interlocking ridges and valleys. Dimensions are provided: a total width of 3.82 inches, a height of 0.7 inches, a valley depth of 0.062 inches, and a valley width of 0.075 inches.

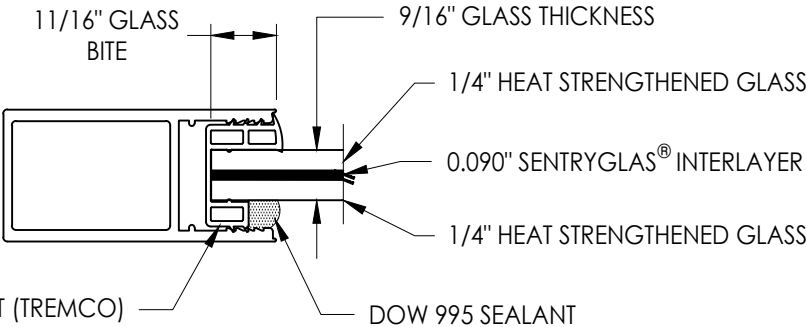
0.09" 7.75" (INSIDE DIM.) 1.938" (INSIDE DIM.)

FBPE Registry No. 9813

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 2-1/2" PFH SMS (1-1/2" 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 2-1/4" DeWALT PFH CONCRETE SCREW	STEEL
L	#8 X 1/2" PFH SMS	STEEL
3	JAMB TRACK (3 RUNS)	6063-T6 ALUM
3A	JAMB TRACK (2 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
12	HIGH PERFORMANCE INTERLOCK STILE	6063-T6 ALUM
13	HP ADAPTER	6063-T6 ALUM
15	JAMB CHANNEL FILLER	6063-T6 ALUM
16	POCKET INTERLOCKER	6063-T6 ALUM
17	FEMALE YOLK	6063-T6 ALUM
18	MALE YOLK	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	SMALL FIN WEATHERSEAL (0.230" AMESBURY)	-
33	LARGE FIN WEATHERSEAL (0.290" AMESBURY)	-
34	1" X 1" ALUMINUM REINFORCEMENT	6061-T6 ALUM
35	1" X 1.25" ALUMINUM REINFORCEMENT	6061-T6 ALUM
37	#8 X 3/4" PFH SMS	STEEL
38	AIR BARRIER (HEAD)	-
39	AIR BARRIER (SILL)	-
41	SUB-SILL TRACK SUPPORT	6063-T6 ALUM
42	#8 X 1" PFH TEK SCREW	-
43	6" AIR BARRIER (INTERLOCK)	-
45	SUB-SILL PAN	5052 -ALUM



G1 GLAZING DETAIL



G2 GLAZING DETAIL

Dry/Wet Seal

NOTE: WET GLAZING SEALANT MAY BE APPLIED TO
EITHER THE INTERIOR OR EXTERIOR

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

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: BILL OF MATERIALS AND GLAZING DETAILS	
3	7/12/23	UPDATE TO 8TH ED. (2023)	FBC LFS
2	8/10/20	UPDATE TO 7th ED. (2020)	FBC DAC
1	08/08/17	UPDATE TO 6TH ED. (2017)	FBC LFS
NO.	DATE		BY
			REVISIONS
DATE: 03/10/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.17			
SHEET 11 OF 11			