



# Series 3070-HI

## Sliding Glass / Pocket Door

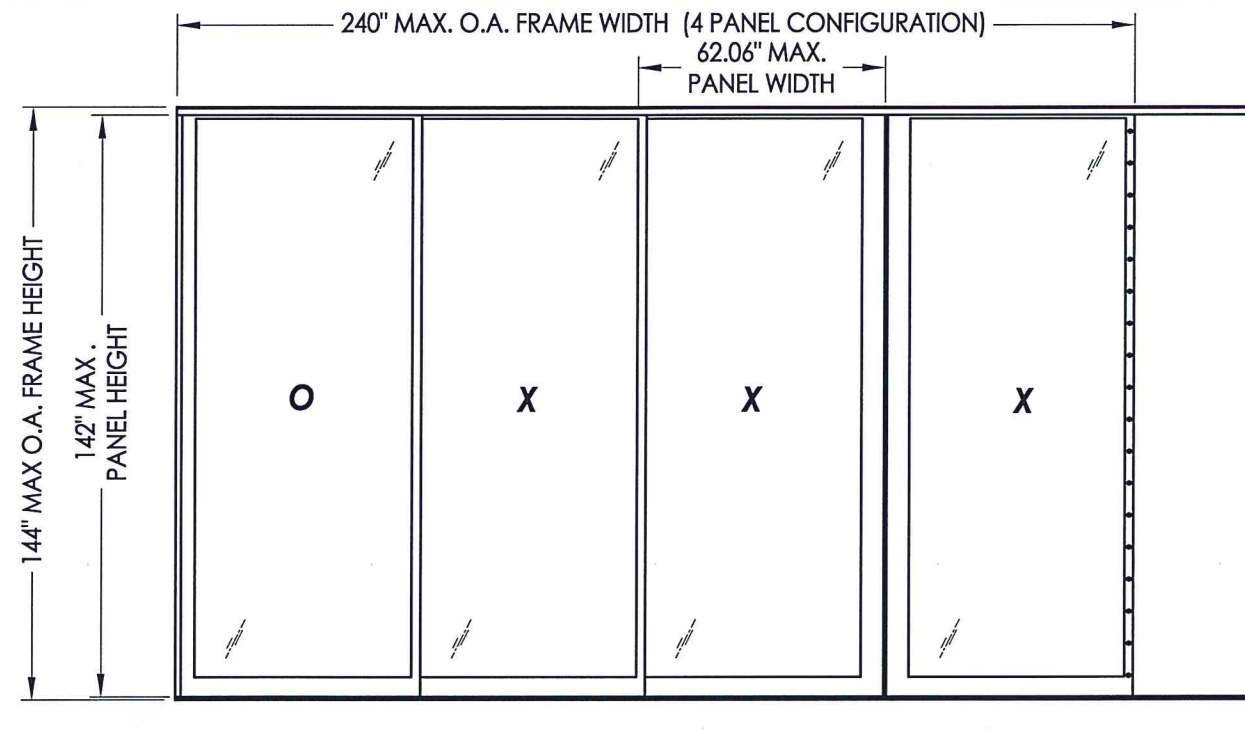
### "IMPACT"

#### GENERAL NOTES

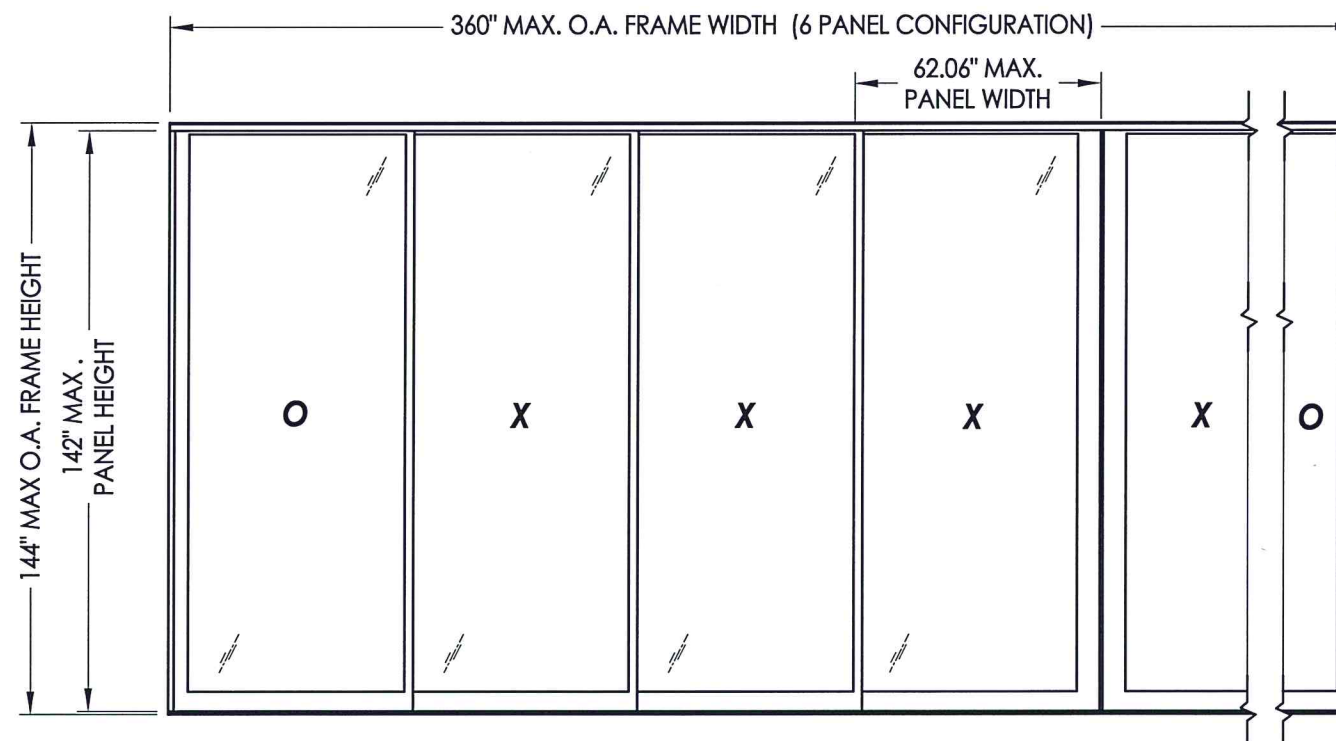
- This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond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

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9	Components
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11	Bill of materials and glazing details



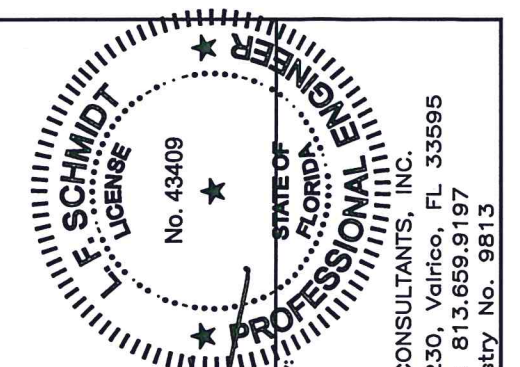
SLIDING GLASS POCKET DOOR



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.

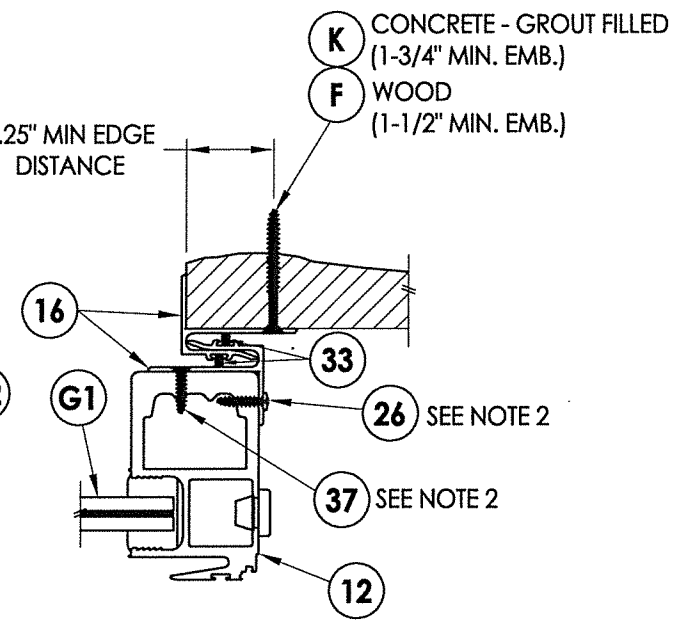
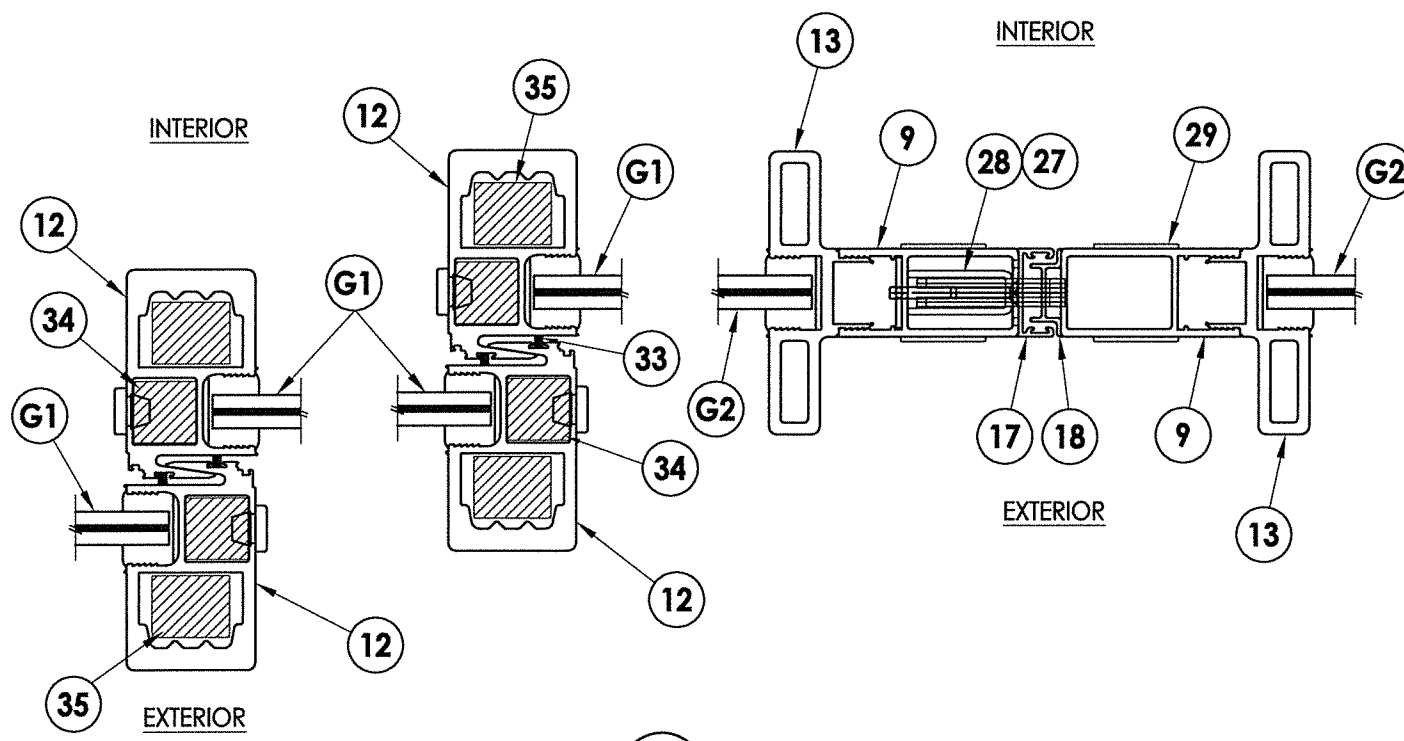
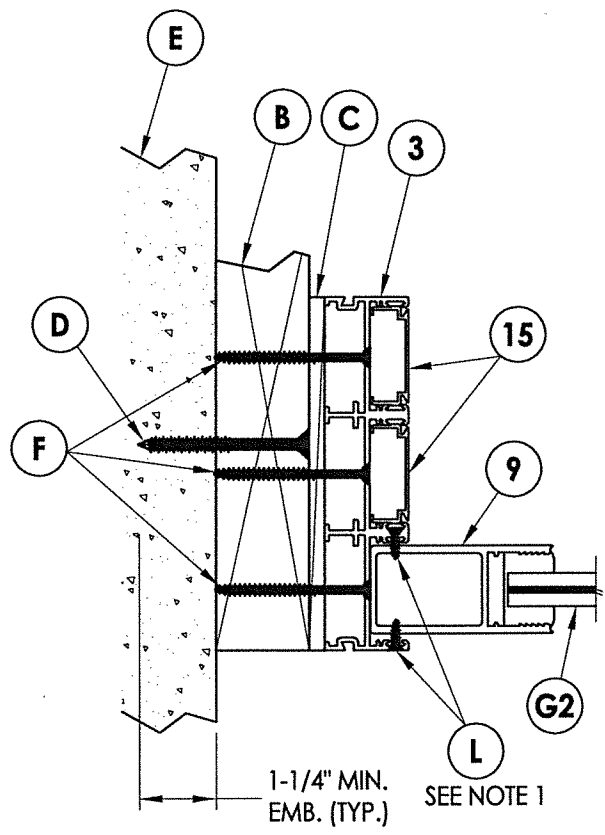
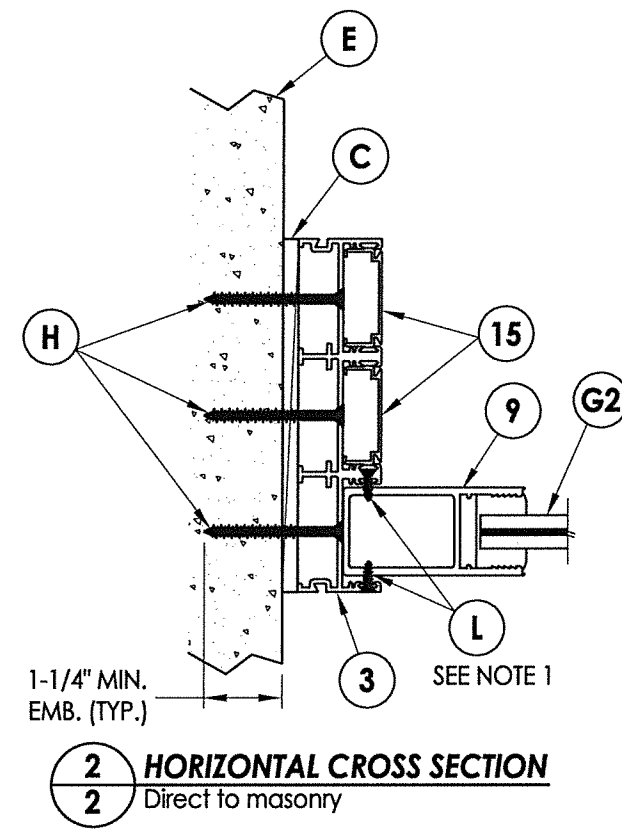
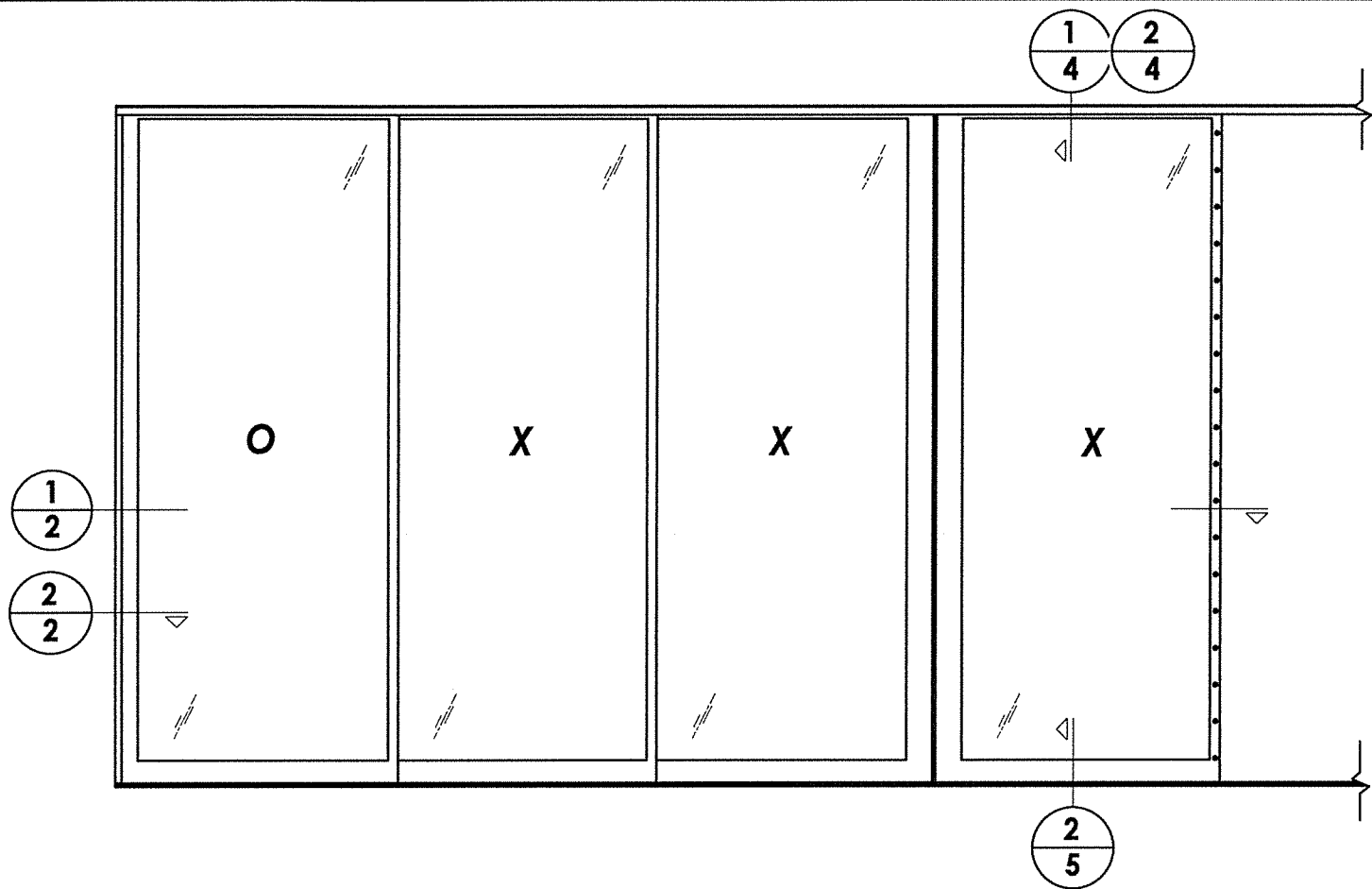


August 10, 2020  
 Documents Prepared By:  
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RW BUILDING CONSULTANTS, INC.  
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 FBPE Registry No. 9813

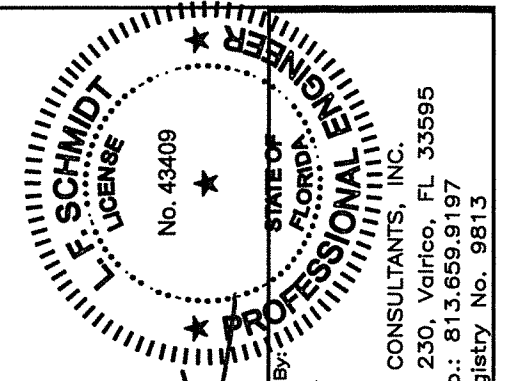
PRODUCT:	FLEETWOOD WINDOWS & DOORS
PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
DATE:	03/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15560.17
SHEET	1 OF 11

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

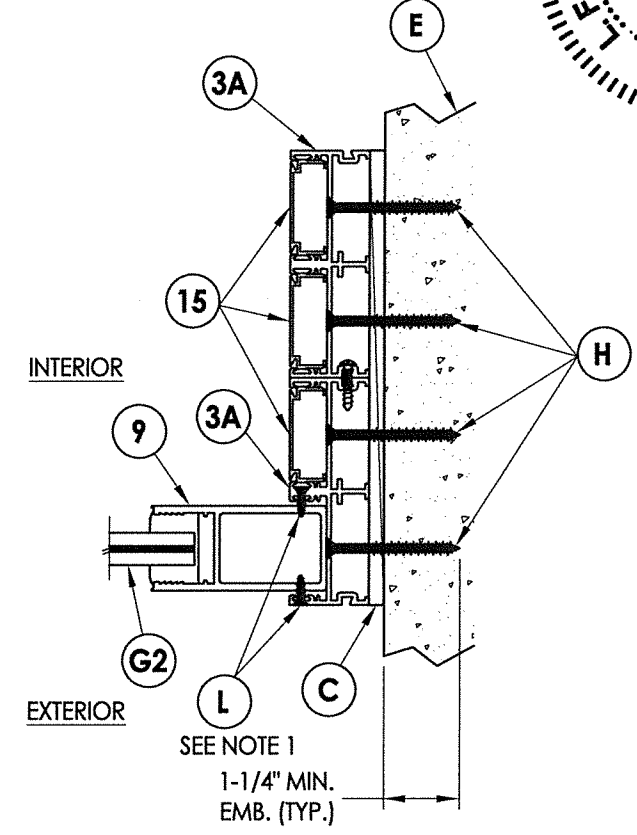
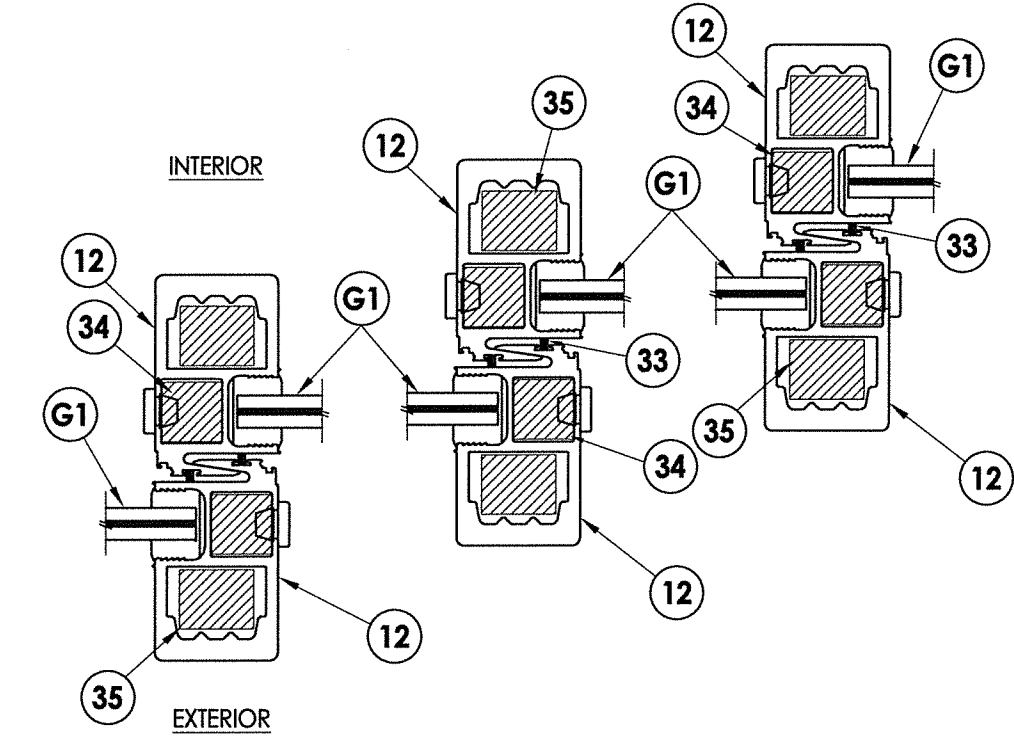
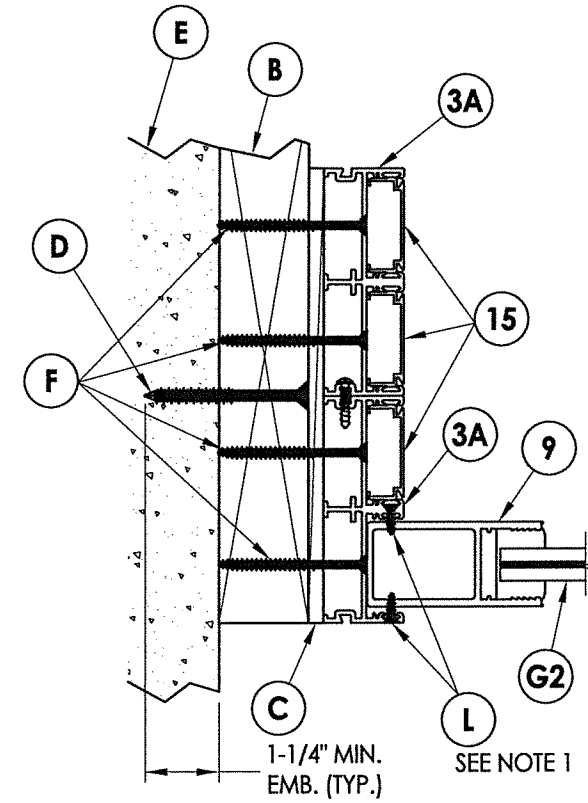
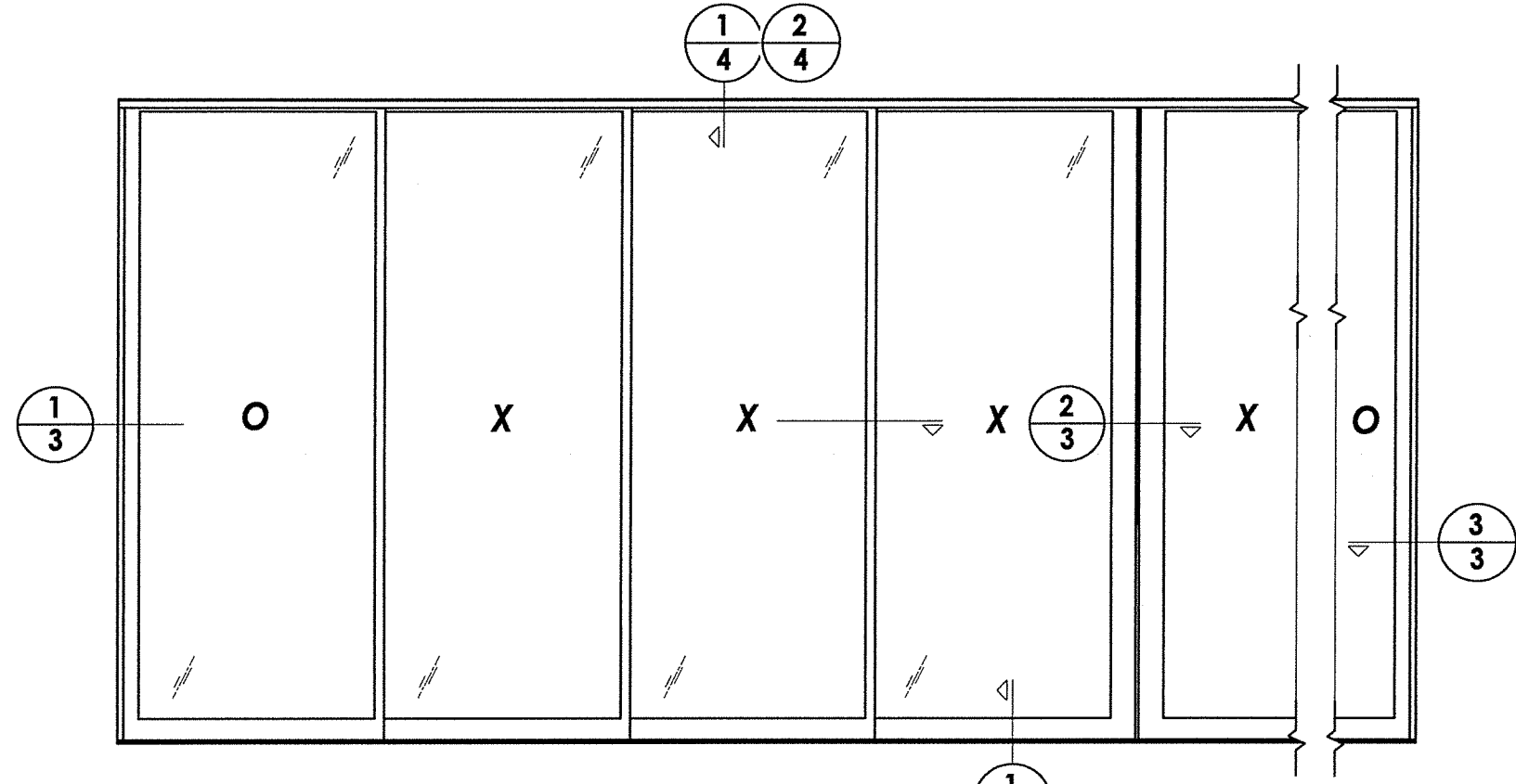
**1 HORIZONTAL CROSS SECTION**  
**2 2X Buck Construction**



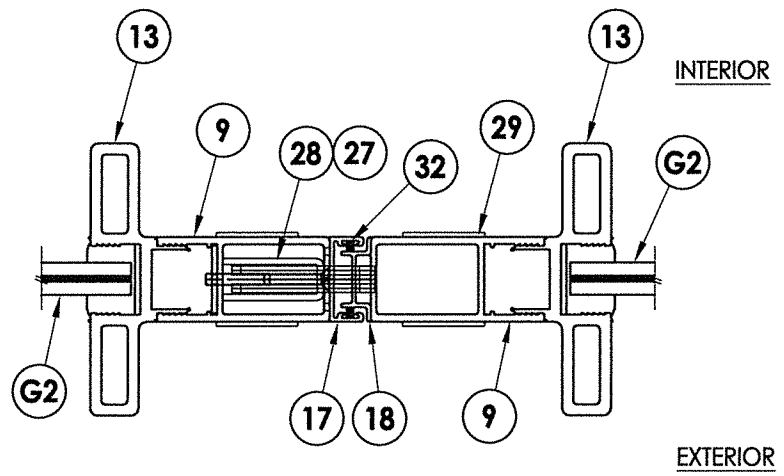
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PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
NO.	DATE	BY	REVISIONS
2	8/10/20	DAC	UPDATE TO 7th ED. (2020) FBC
1	08/08/17	LFS	UPDATE TO 6TH ED. (2017) FBC
DATE			
DATE: 03/10/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.17			
SHEET 2 OF 11			



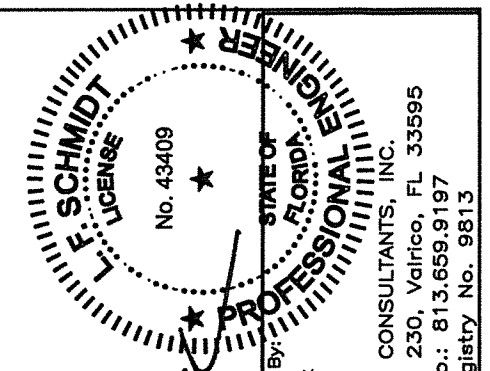
**3 HORIZONTAL CROSS SECTION**  
Direct to masonry



**2 HORIZONTAL CROSS SECTION**

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

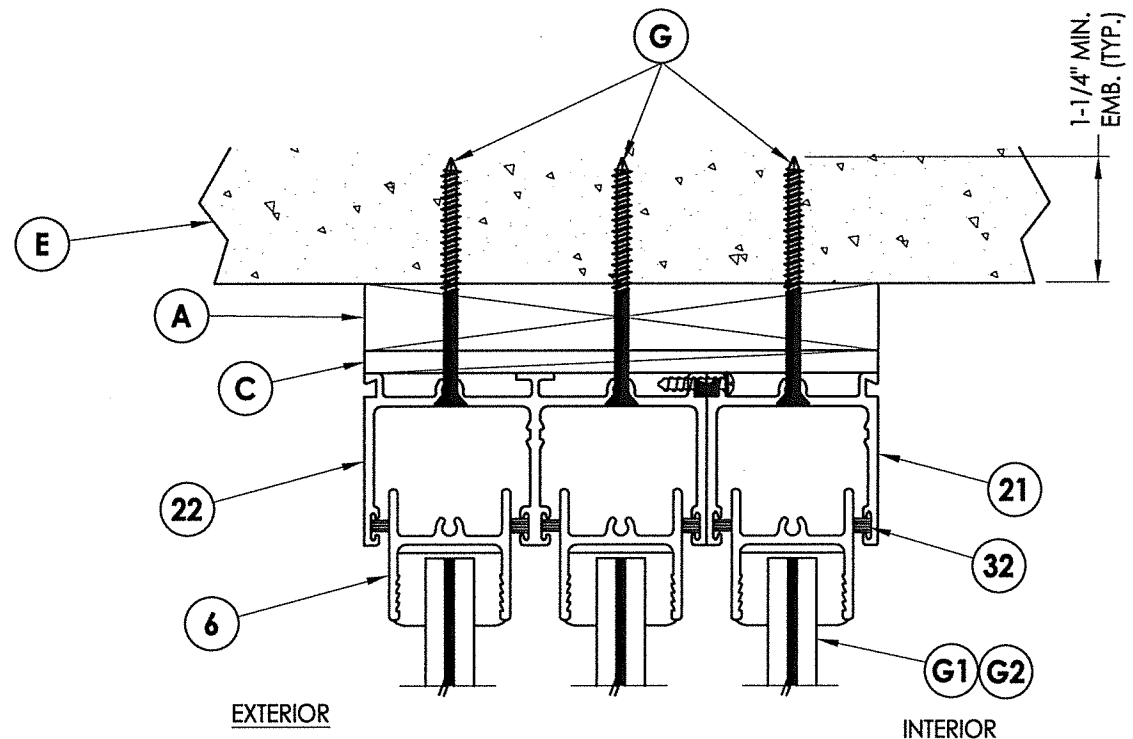
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2X Buck Construction



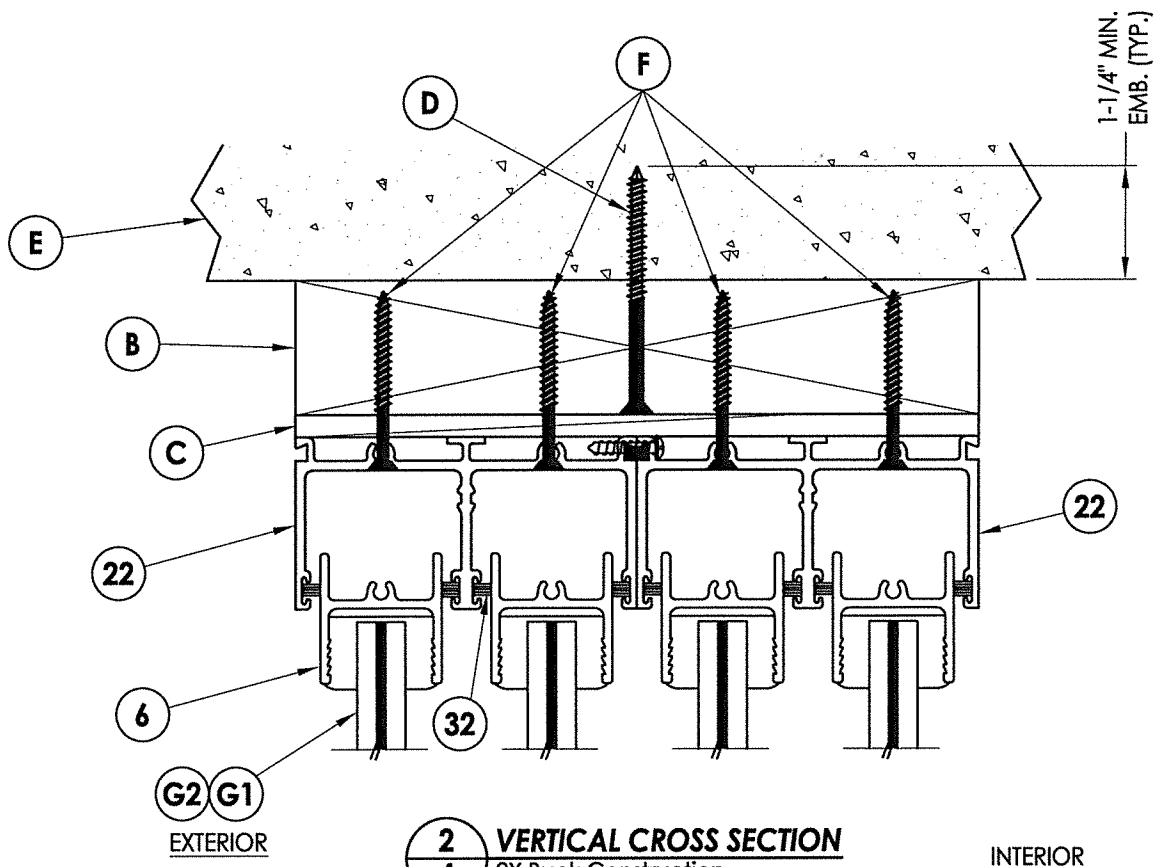
August 10, 2020  
Documents Prepared By:  
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DATE:	03/10/16	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	FL-15560.17	
SHEET	3 OF 11	
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1	08/08/17	UPDATE TO 6TH ED. (2017) FBC

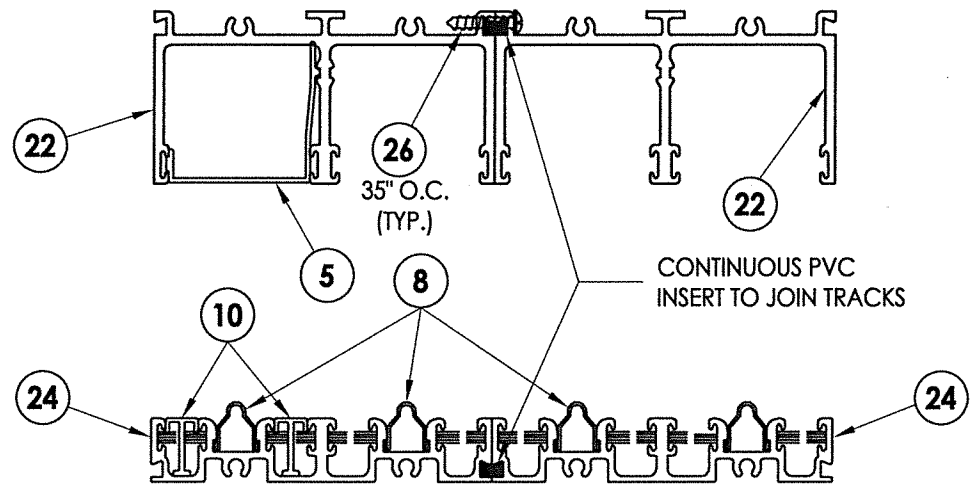
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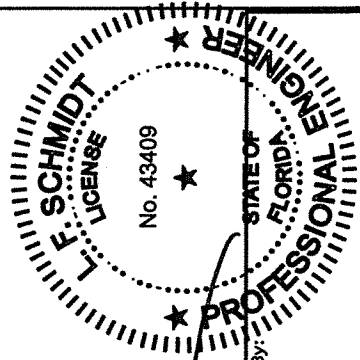
**1** VERTICAL CROSS SECTION  
**4** 1X Buck Construction  
 (Shown w/ 3 tracks)



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



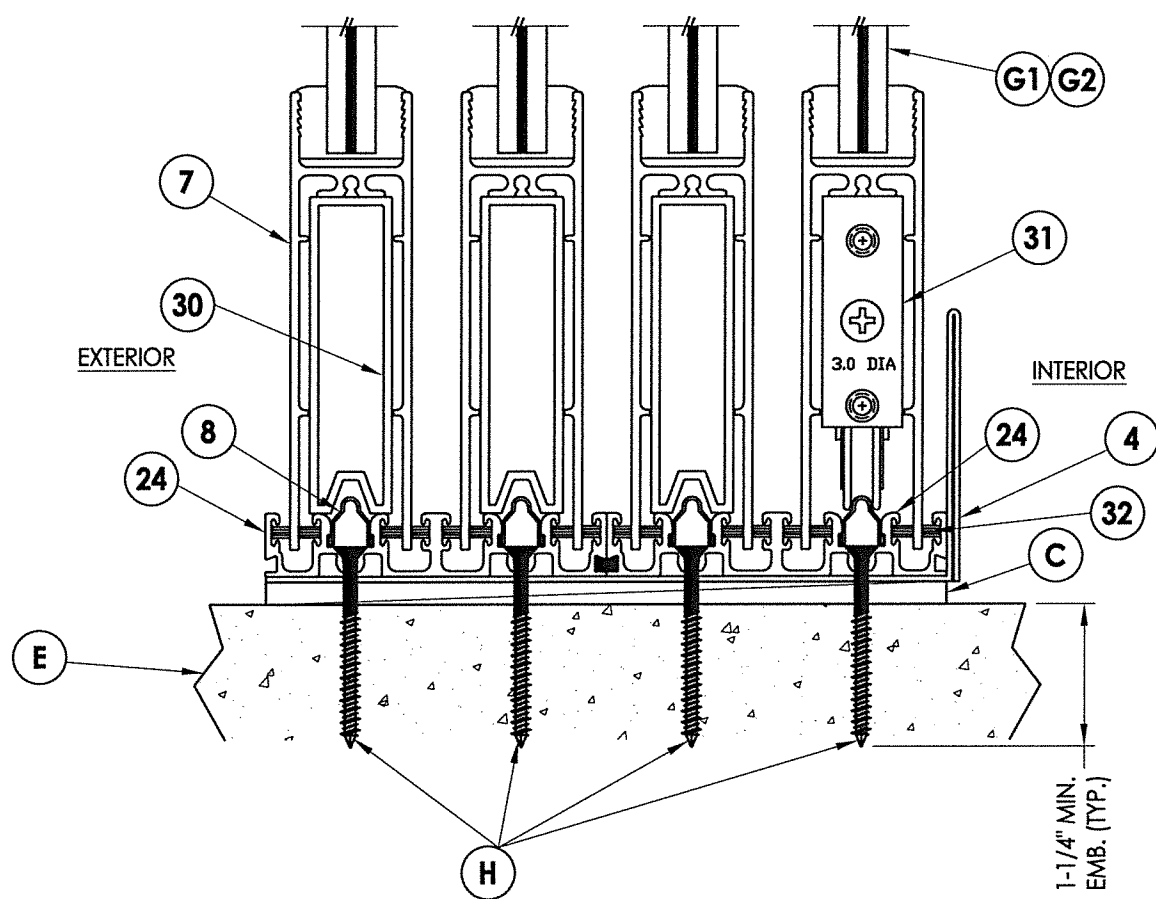
HEAD & SILL COVER CONDITION



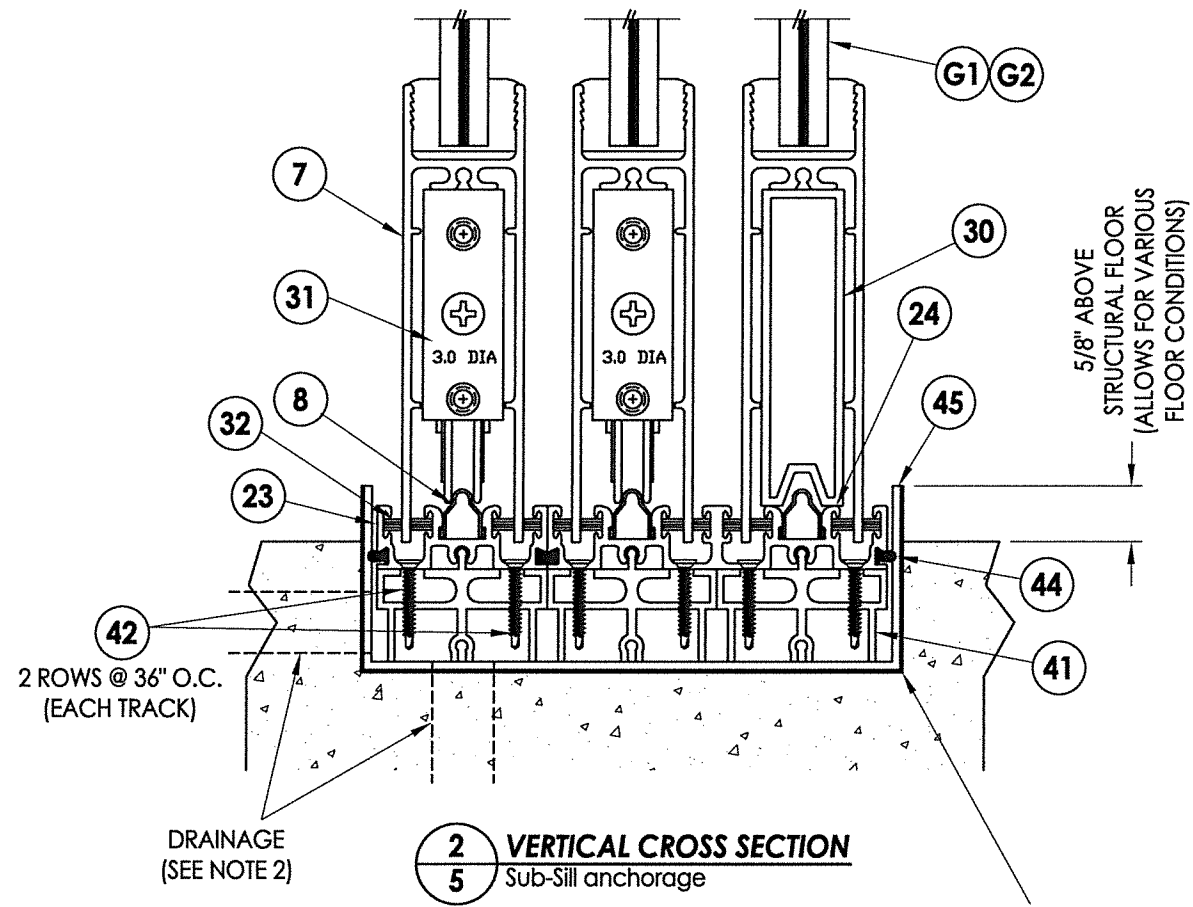
August 10, 2020  
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PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
NO.	DATE	BY	REVISIONS
2	8/10/20	DAC	UPDATE TO 7th ED. (2020) FBC
1	08/08/17	LFS	UPDATE TO 6TH ED. (2017) FBC
DATE: 03/10/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.17			
SHEET 4 OF 11			



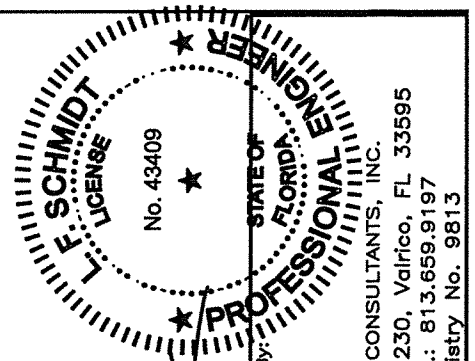
**1 VERTICAL CROSS SECTION**  
5 Direct to masonry (Shown w/ 4 tracks)



**2 VERTICAL CROSS SECTION**  
5 Sub-Sill anchorage

SILL TRACK INSERTED INTO FINISHED FLOOR. THE DESIGN OF THE SUBSTRATE TO WITHSTAND WIND LOADS IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.

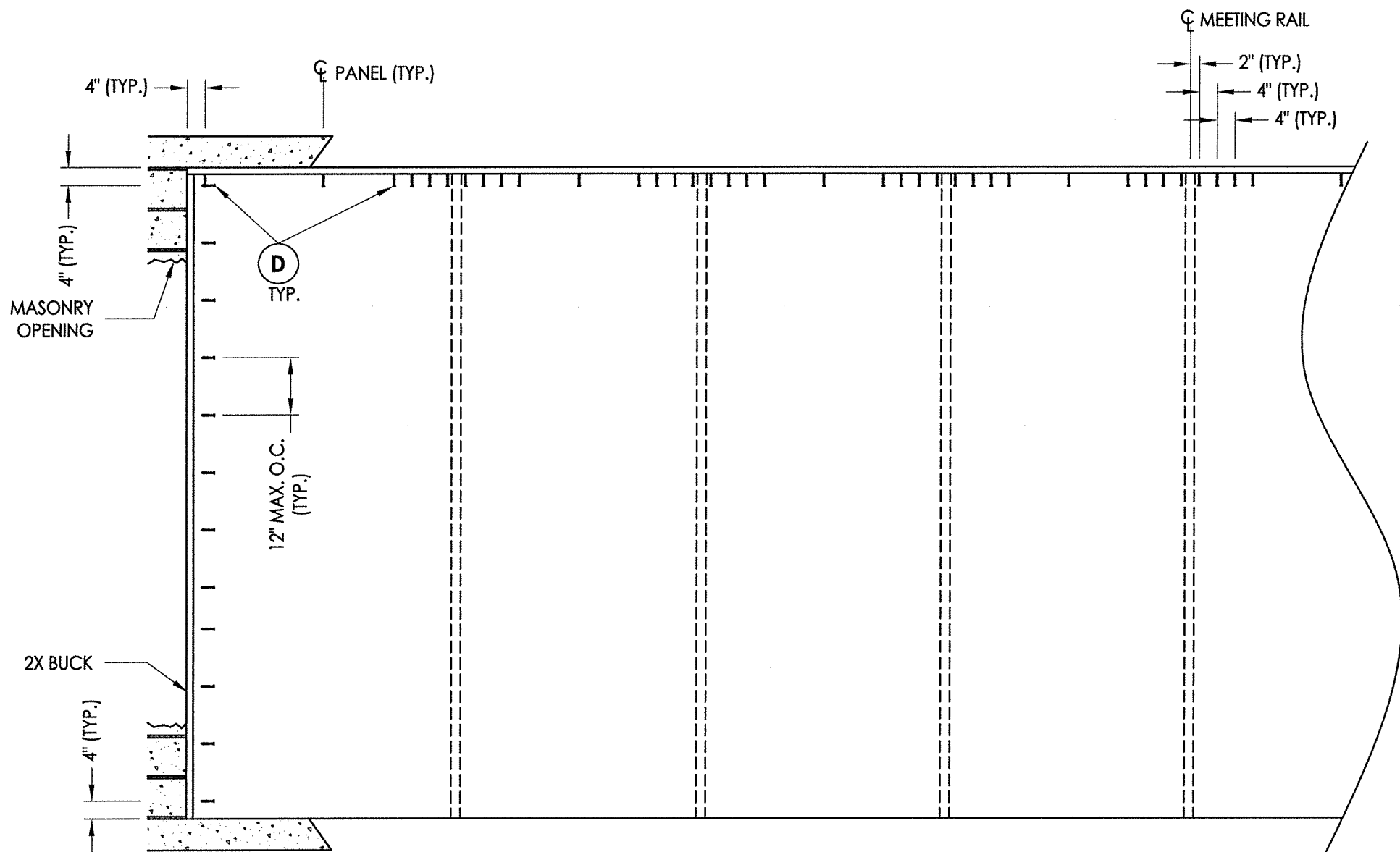
- NOTES:
1. A full-depth cut-out (1" wide x 3/16" tall) in track base is necessary to allow for water drainage (6" from each end and 60" o.c.).
  2. For Sub-sill, provide bottom or side drain, 1" NPT, for water drainage (8" from each end and 60" o.c.). Drainage system design by others.



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SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.17			
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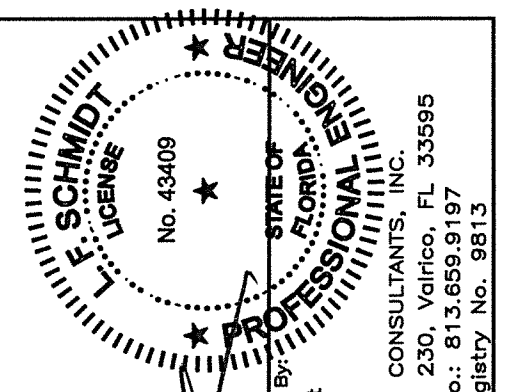


**2X BUCK ANCHORING**

**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:

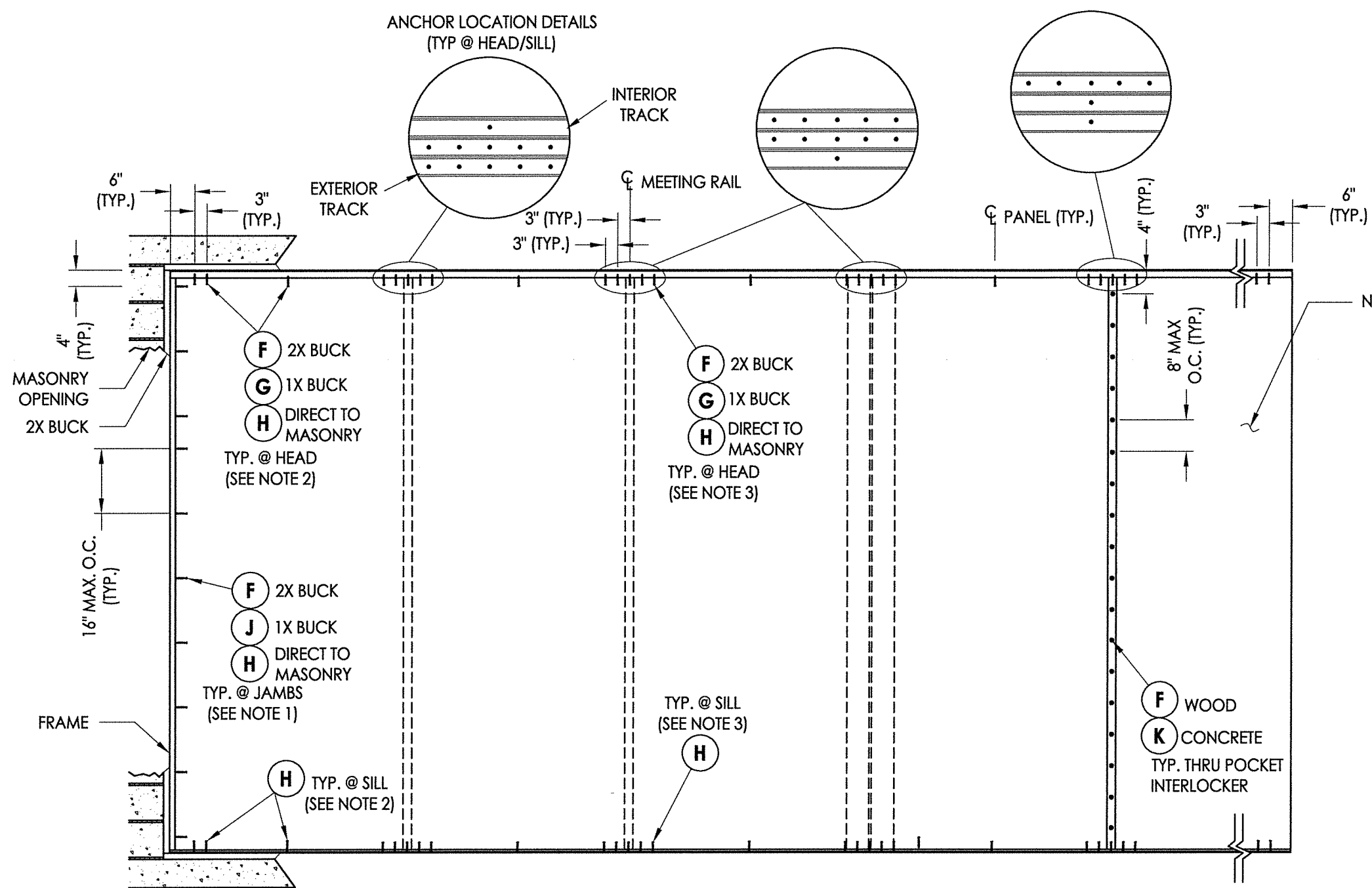
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON+®	1/4"	1-1/4"	2-1/2"	4"



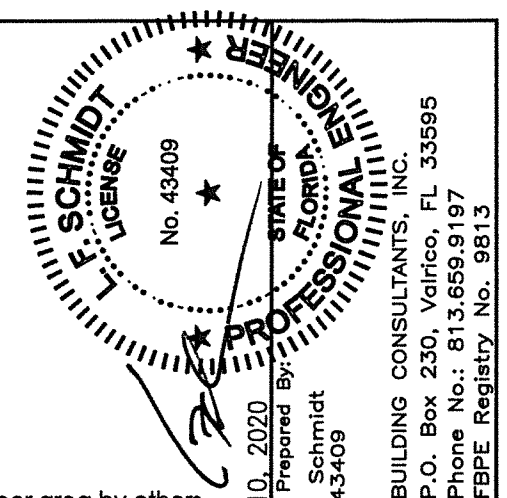
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PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		BUCK ANCHORING	
NO.	DATE	BY	REVISIONS
2	8/10/20	DAC	UPDATE TO 7TH ED. (2020) FBC
1	08/08/17	LFS	UPDATE TO 6TH ED. (2017) FBC
DATE: 03/10/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.17			
SHEET 6 OF 11			

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NOTE: Pocket door area by others



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**FRAME ANCHORING**  
 SLIDING GLASS POCKET DOOR

**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"	1-1/4"	6"

**WOOD SCREW INSTALLATION NOTES:**

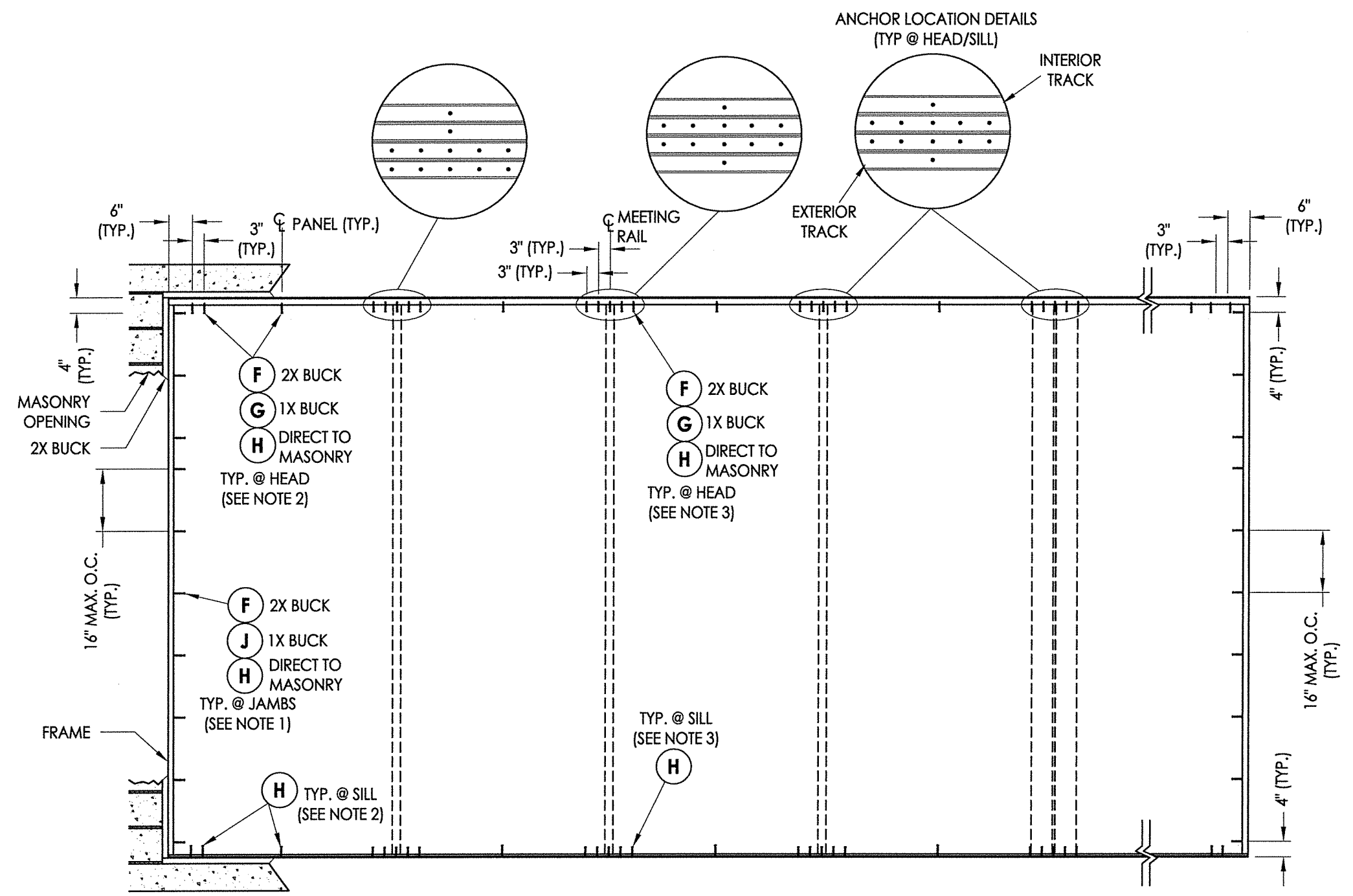
1. Maintain a minimum 3/4" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

**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

PRODUCT:	FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:	FRAME ANCHORING	
NO.	DATE	BY
2	8/10/20	DAC
1	08/08/17	LFS
REVISIONS		
DATE:	03/10/16	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	FL-15560.17	
SHEET	7 OF 11	

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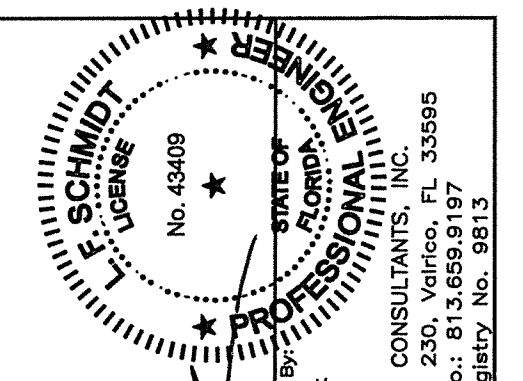
**FRAME ANCHORING**  
SLIDING GLASS DOOR

- 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

- 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:

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- 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.



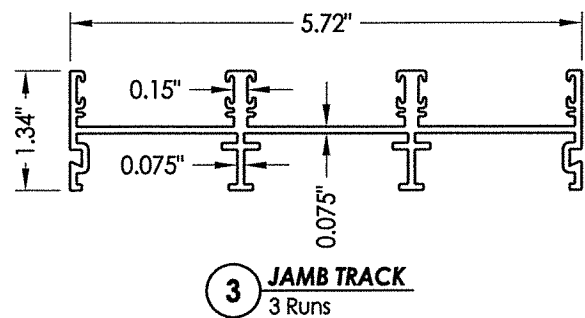
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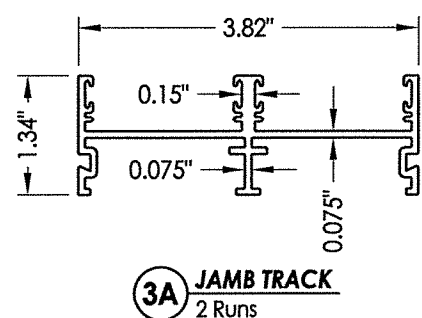
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2	8/10/20	DAC	UPDATE TO 7TH ED. (2020) FBC
1	08/08/17	LFS	UPDATE TO 6TH ED. (2017) FBC
DATE: 03/10/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.17			
SHEET 8 OF 11			



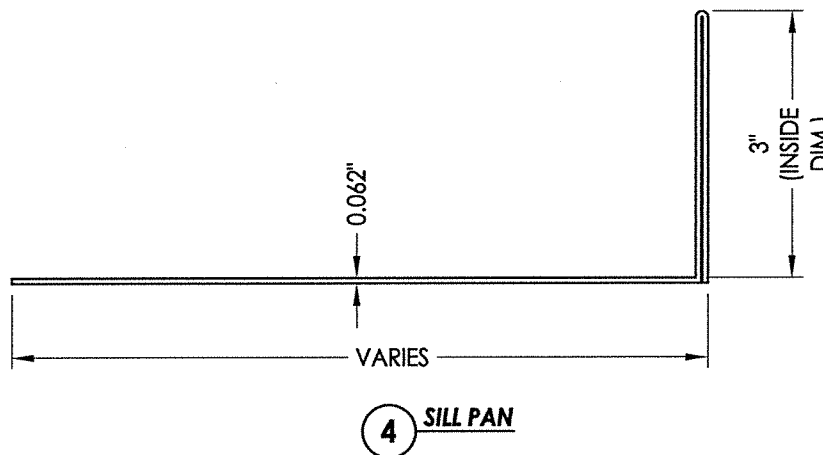
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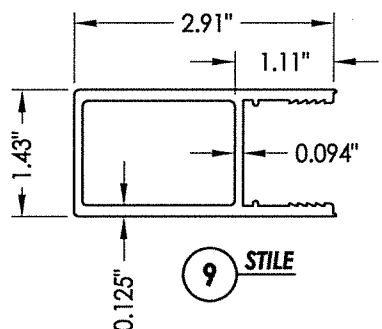
**3 JAMB TRACK**  
3 Runs



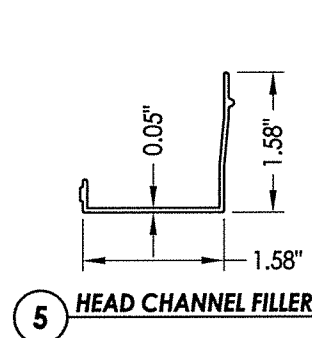
**3A JAMB TRACK**  
2 Runs



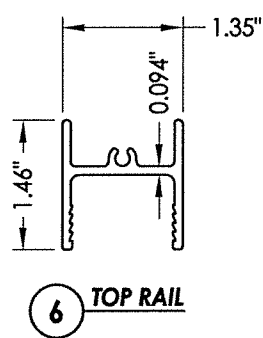
**4 SILL PAN**



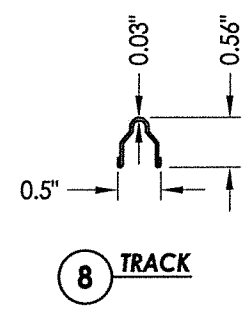
**9 STILE**



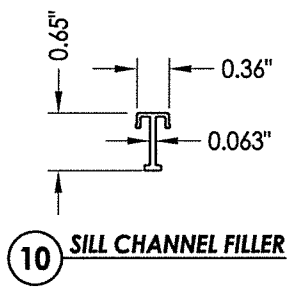
**5 HEAD CHANNEL FILLER**



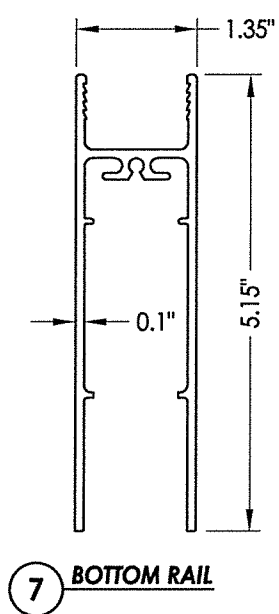
**6 TOP RAIL**



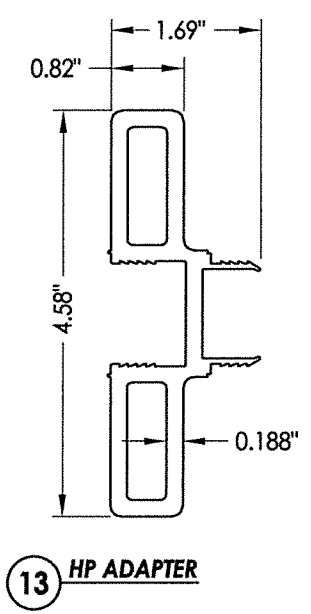
**8 TRACK**



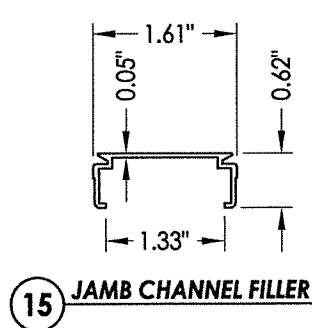
**10 SILL CHANNEL FILLER**



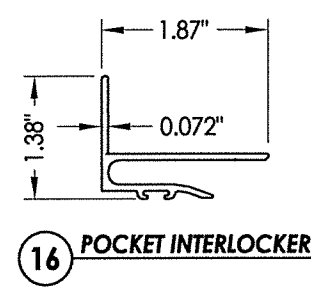
**7 BOTTOM RAIL**



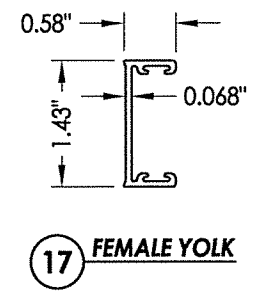
**13 HP ADAPTER**



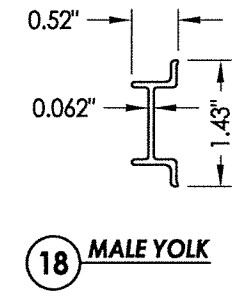
**15 JAMB CHANNEL FILLER**



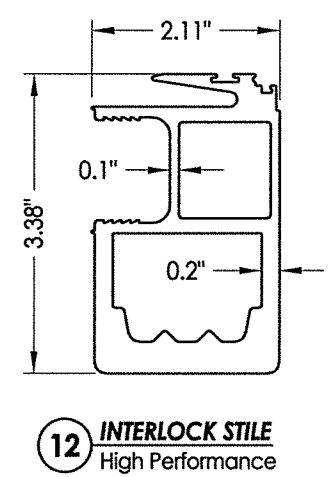
**16 POCKET INTERLOCKER**



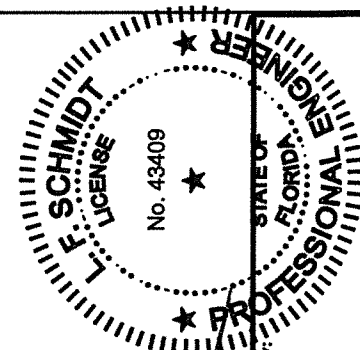
**17 FEMALE YOLK**



**18 MALE YOLK**



**12 INTERLOCK STILE**  
High Performance

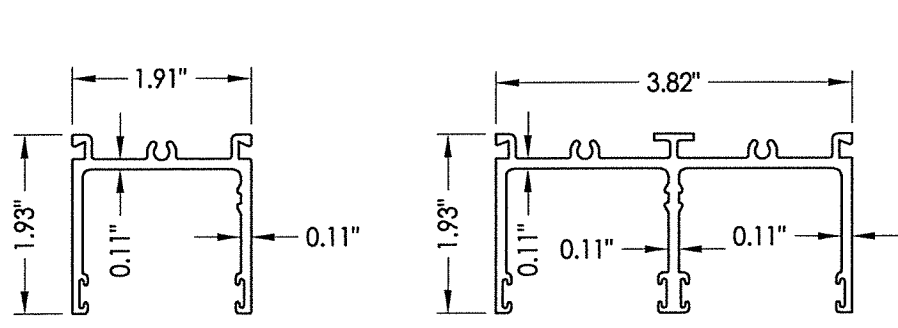


August 10, 2020  
 Documents Prepared By:  
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**R.W.** BUILDING CONSULTANTS, INC.  
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 FBPE Registry No. 9813

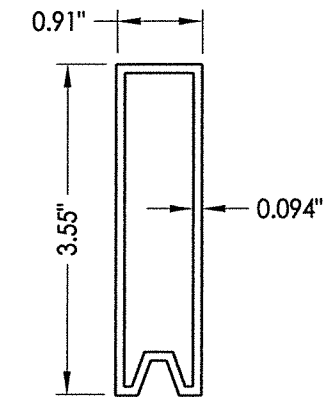
PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		COMPONENTS	
NO.	DATE	BY	REVISIONS
2	8/10/20	DAC	UPDATE TO 7th ED. (2020) FBC
1	08/08/17	LFS	UPDATE TO 6TH ED. (2017) FBC
DATE			
DATE:	03/10/16		
SCALE:	N.T.S.		
DWG. BY:	JK		
CHK. BY:	LFS		
DRAWING NO.:	FL-15560.17		
SHEET	9	OF	11

\\dc01\wbc\clients\Fleetwood PERMANENT\A - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL 15560 (2020)\FL-15560.17-18.dwg

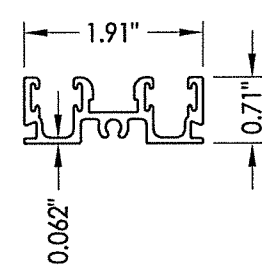


**21 HEAD TRACK**  
1 Run

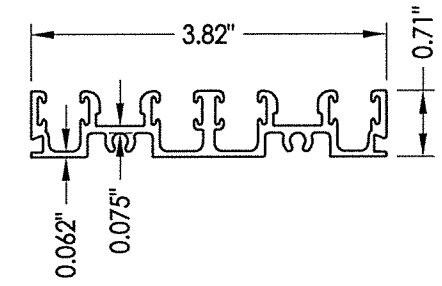
**22 HEAD TRACK**  
2 Runs



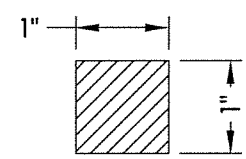
**30 PANEL SETTING BLOCK**



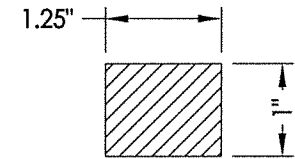
**23 SILL TRACK**  
1 Run



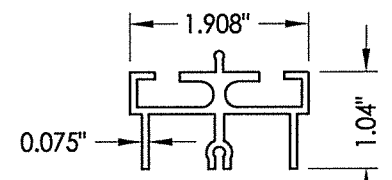
**24 SILL TRACK**  
2 Runs



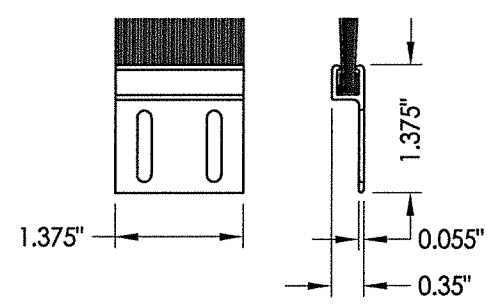
**34 ALUMINUM REINFORCEMENT**



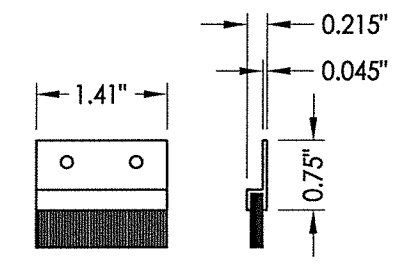
**35 ALUMINUM REINFORCEMENT**



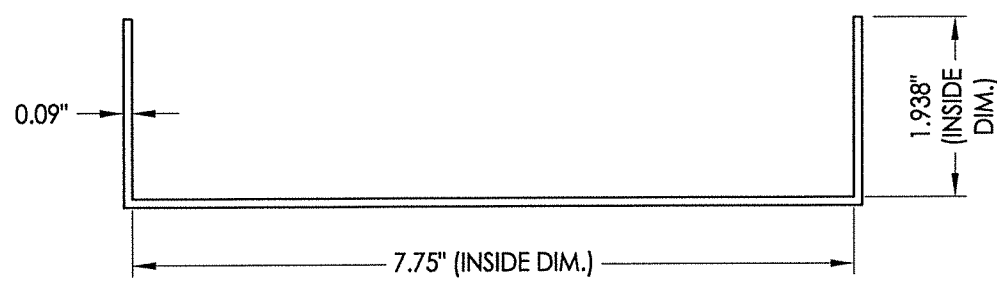
**41 SUB-SILL TRACK SUPPORT**



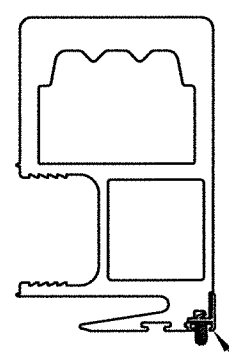
**38 AIR BARRIER (HEAD)**  
@ INTERLOCK



**39 AIR BARRIER (SILL)**  
@ INTERLOCK

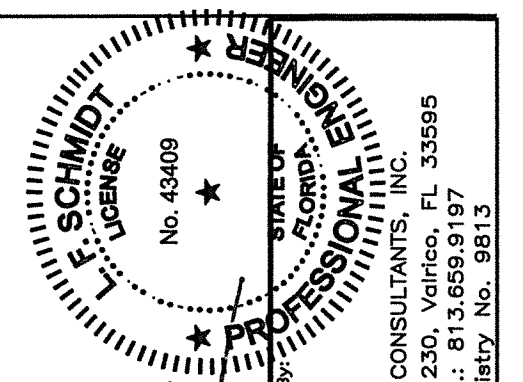


**45 SUB-SILL PAN**  
3-Track shown



**43 6" AIR BARRIER**  
@ INTERLOCK

6" AIR BARRIER MOUNTED @ TOP & BOTTOM OF EXTERIOR INTERLOCK STILE

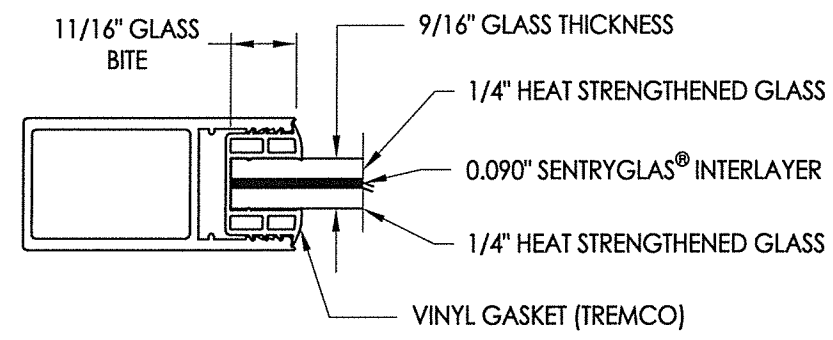


August 10, 2020  
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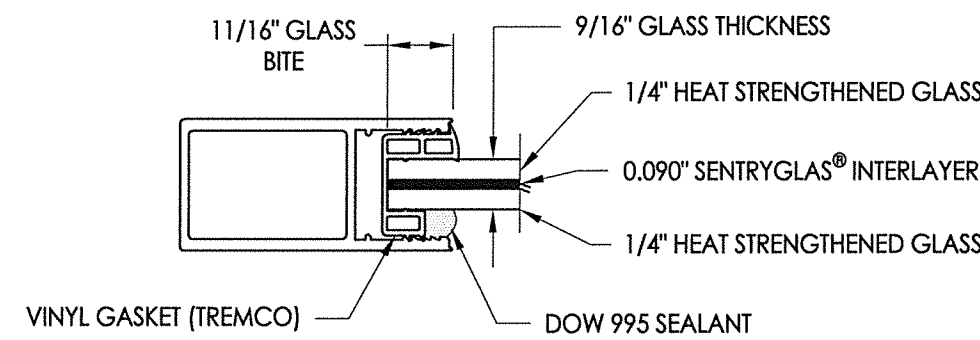
PRODUCT:		FLEETWOOD WINDOWS & DOORS	
PART OR ASSEMBLY:		COMPONENTS	
NO.	DATE	BY	REVISIONS
2	8/10/20	DAC	UPDATE TO 7th ED. (2020) FBC
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DATE: 03/10/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.17			
SHEET 10 OF 11			

\\dc01\rbw\clients\Fleetwood PERMANENTVA - Florida Product Approvals\FL-15560 Sliding Patio Doors\C - Drawings\FL 15560 (2020)\FL-15560.17-18.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 2-1/2" 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**  
Dry Seal



**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.

August 10, 2020  
 Documents Prepared By:  
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 Phone No.: 813.659.9197  
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DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-15560.17		SHEET 11 OF 11	