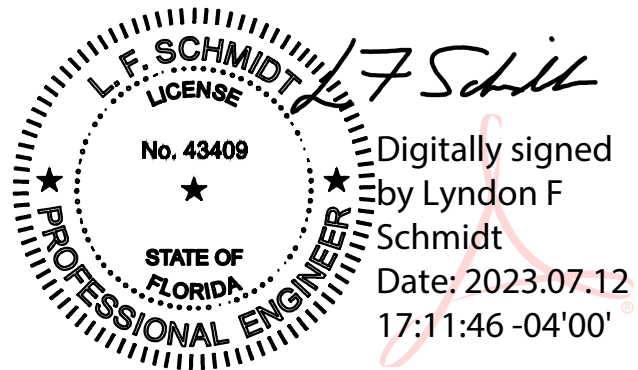




This item has been digitally signed and sealed by L. F. Schmidt, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

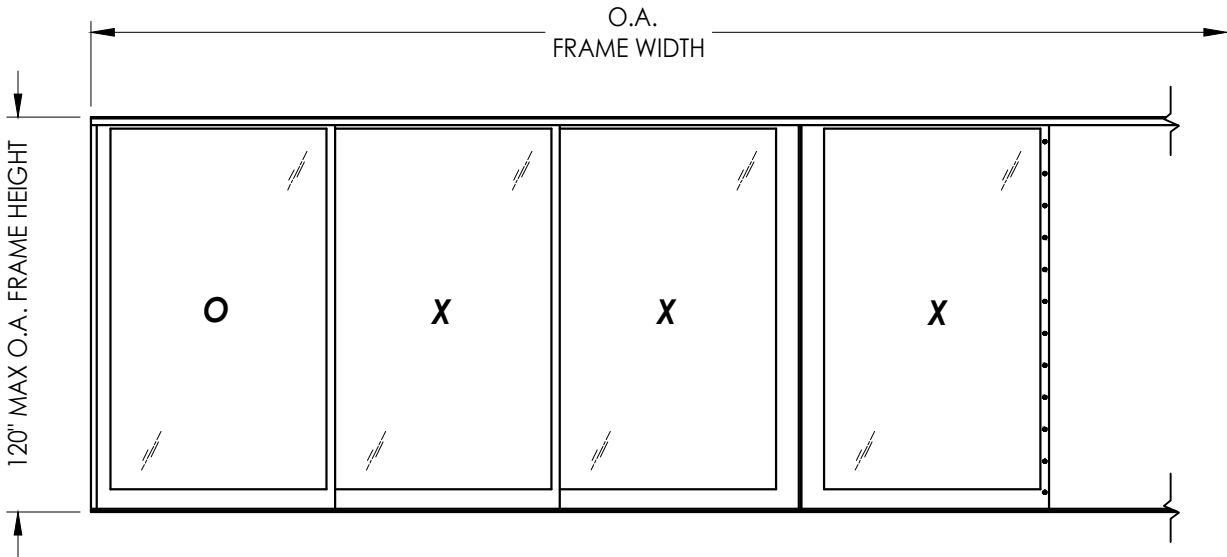
THIS PRODUCT APPROVAL IS VALID ONLY FOR THE STATE OF FLORIDA

Series 3070-HI
Sliding Glass / Pocket Door
"NON-IMPACT"

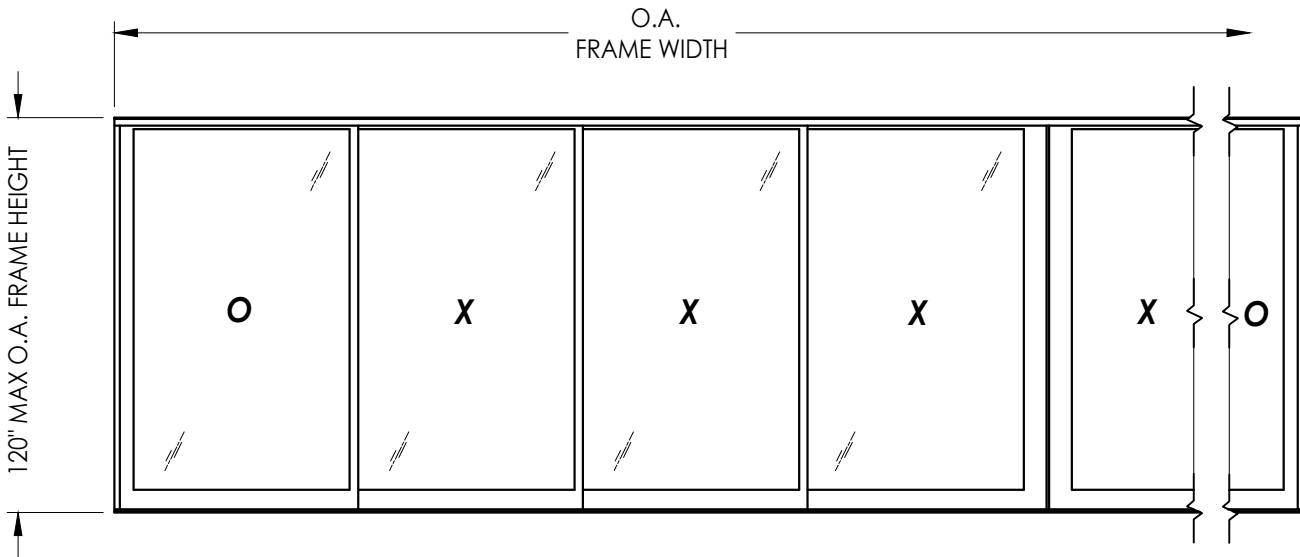
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding 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 areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

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	Buck anchoring
6	Frame anchoring
7	Frame anchoring
8	Components
9	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
51.12" X 118.25"	43.0" X 111.5"	G1	+55.0	-60.0
60.75" X 98.25"	52.63" X 91.5"	G1	+55.0	-60.0
60.75" X 94.25"	52.63" X 87.5"	G1	+65.0	-73.2

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

PRODUCT:
FLEETWOOD WINDOWS & DOORS

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

5	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
3	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
2	8/06/15	CLARIFY MAX PANEL SIZE & CHANGE NAME		JK
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE			BY

REVISIONS

DATE: 3/20/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

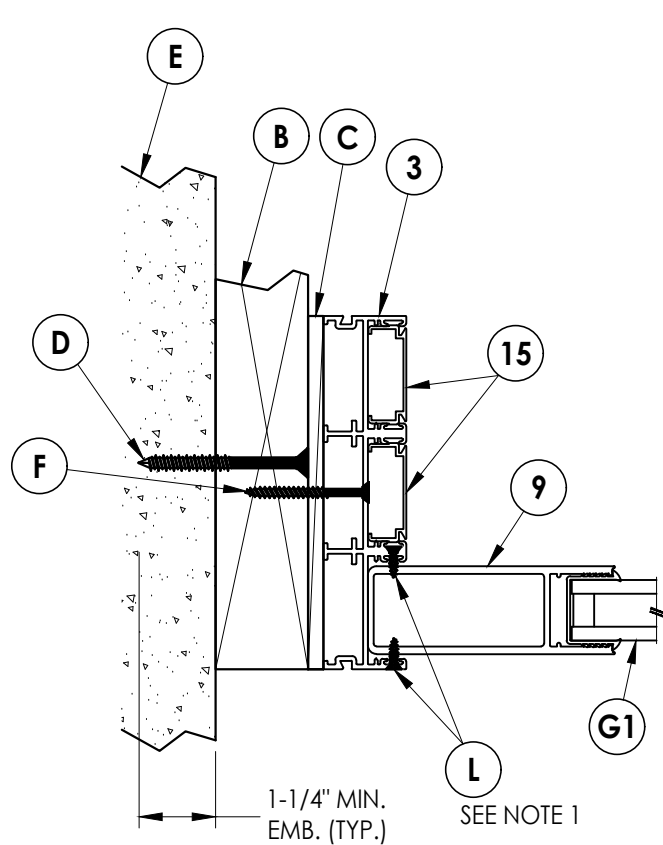
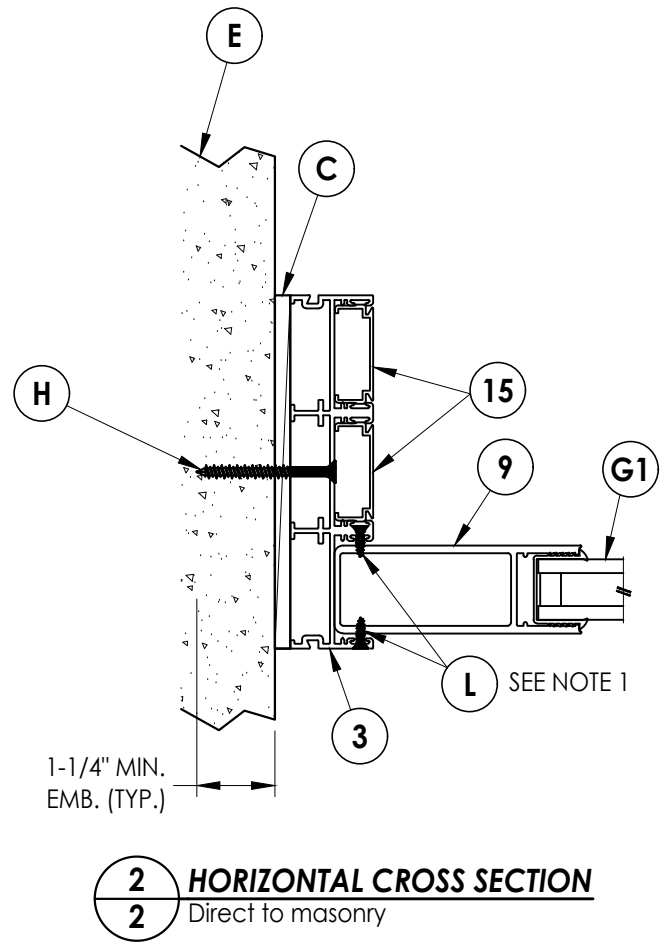
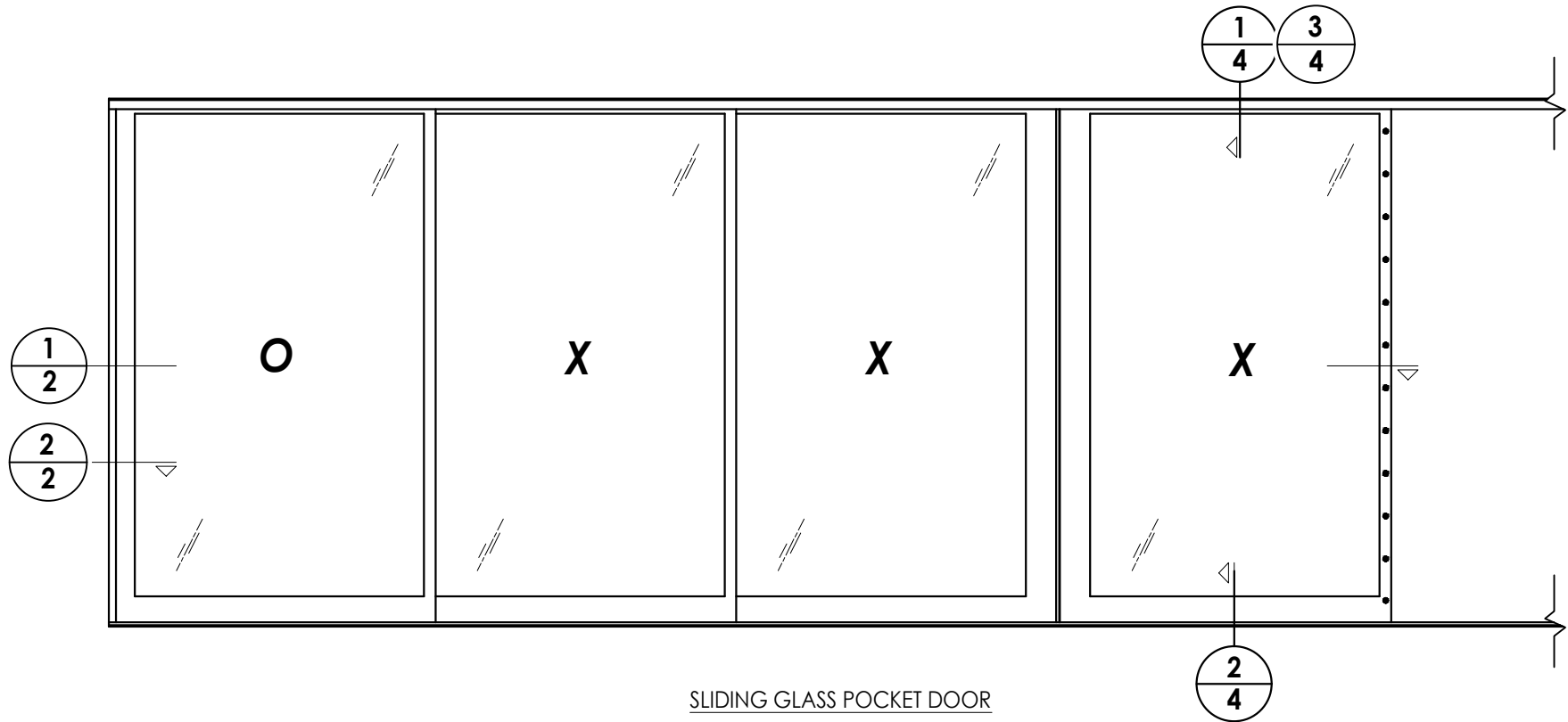
DRAWING NO.: FL-15560.8

SHEET 1 OF 9

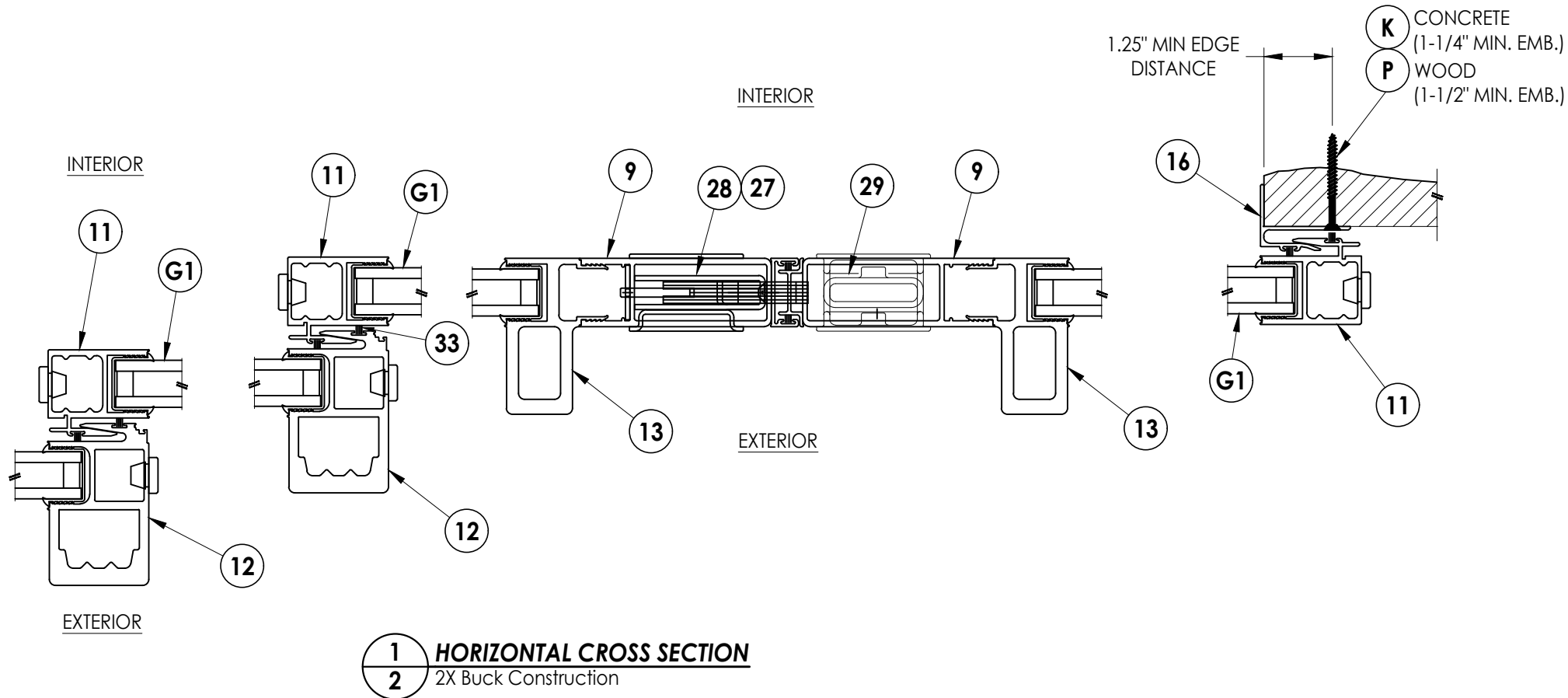
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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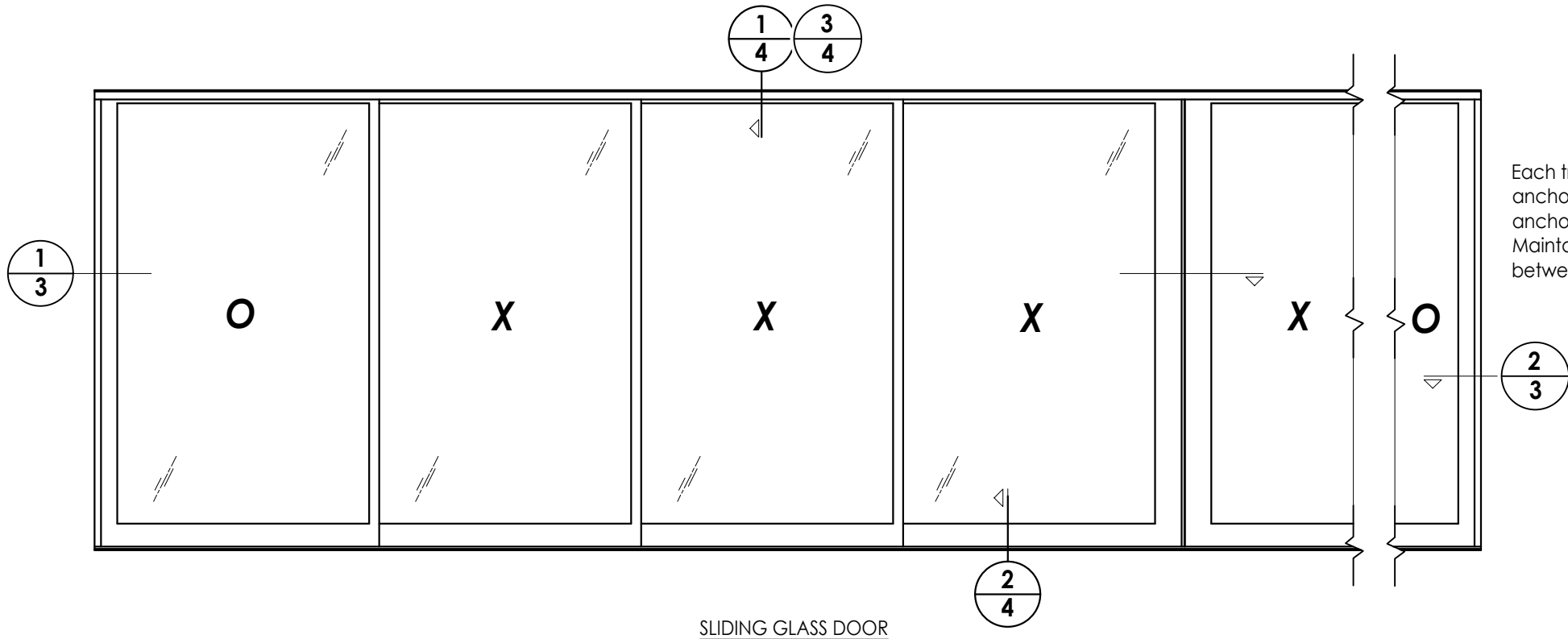


NOTE:
1. Fixed panel screws located 39" from each end.

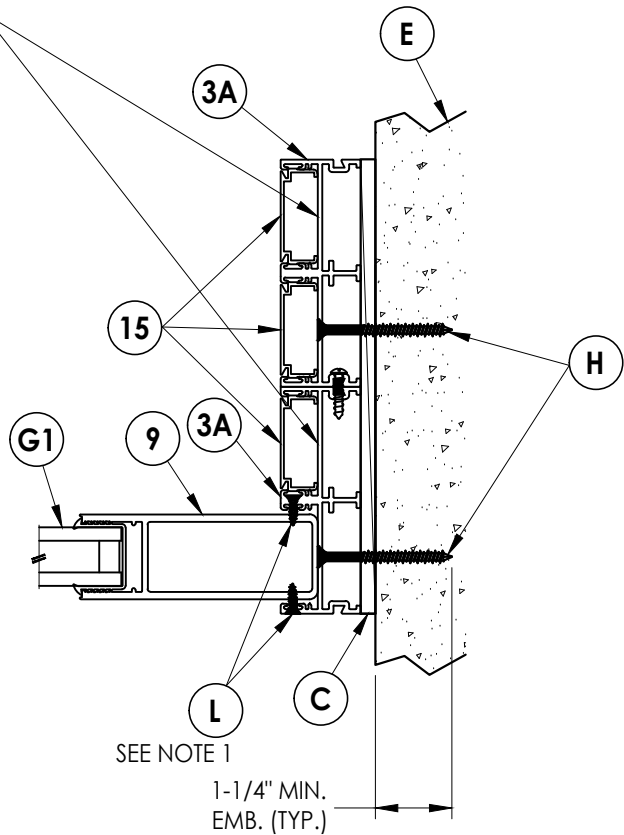


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409										<									
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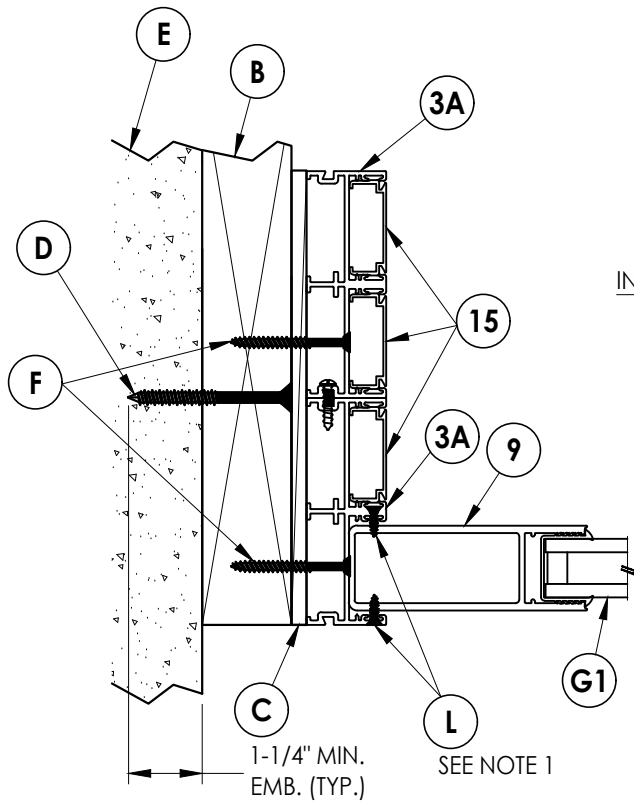
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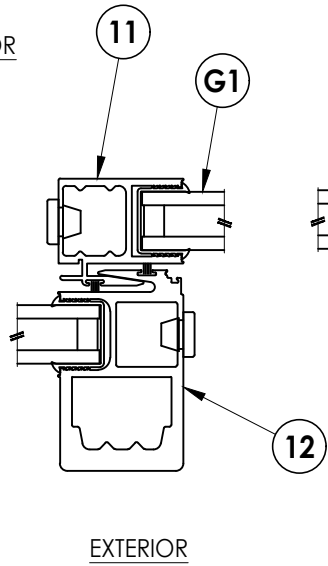
Each track must be independently anchored as per the frame anchoring (see Sheets 6 & 7). Maintain 4" min clearance between concrete anchors.



2/3 HORIZONTAL CROSS SECTION
Direct to masonry

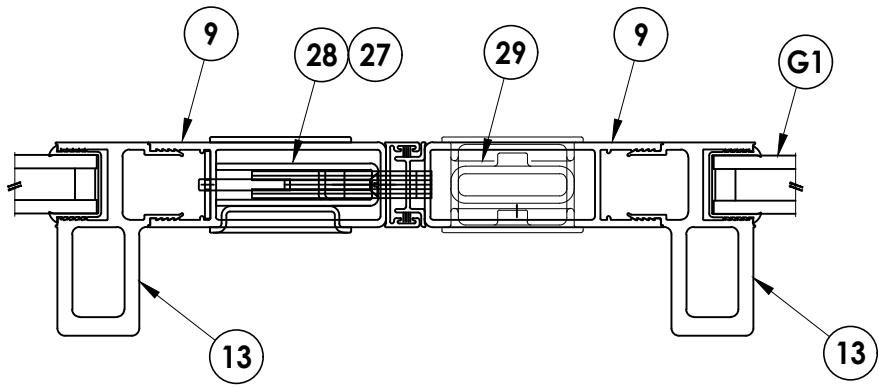


INTERIOR



EXTERIOR

1/3 HORIZONTAL CROSS SECTION
2X Buck Construction



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

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

PRODUCT:
FLEETWOOD WINDOWS & DOORS

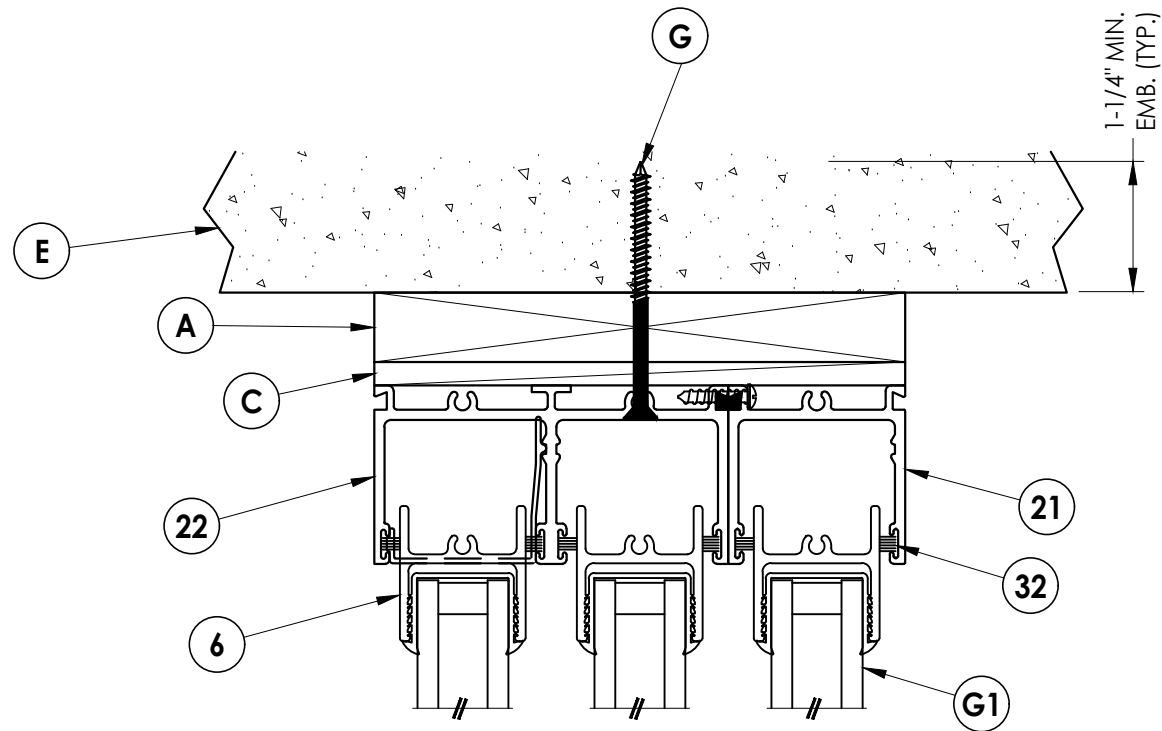
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

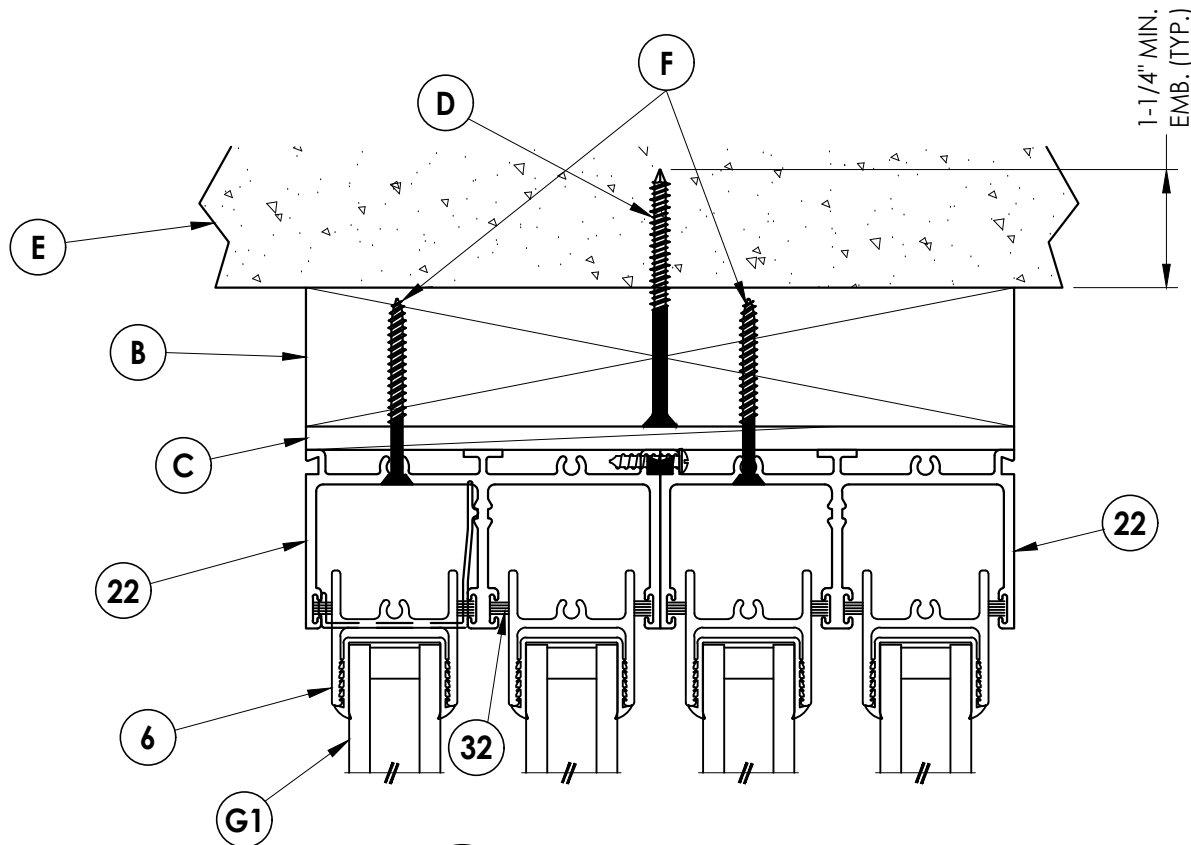
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4	8/10/20	UPDATE TO 7th ED. (2020)	FBC	DAC
3	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
2	8/06/15	CLARIFY MAX PANEL SIZE &		JK
		CHANGE NAME		
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE			BY
REVISIONS				

DATE:	3/20/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15560.8
SHEET	3 OF 9

Z:\2023 EBC Drawings\Fleetwood Windows & Doors\FL-15560.R12 Sliding Patio Door\FL-15560.8-10.dwg

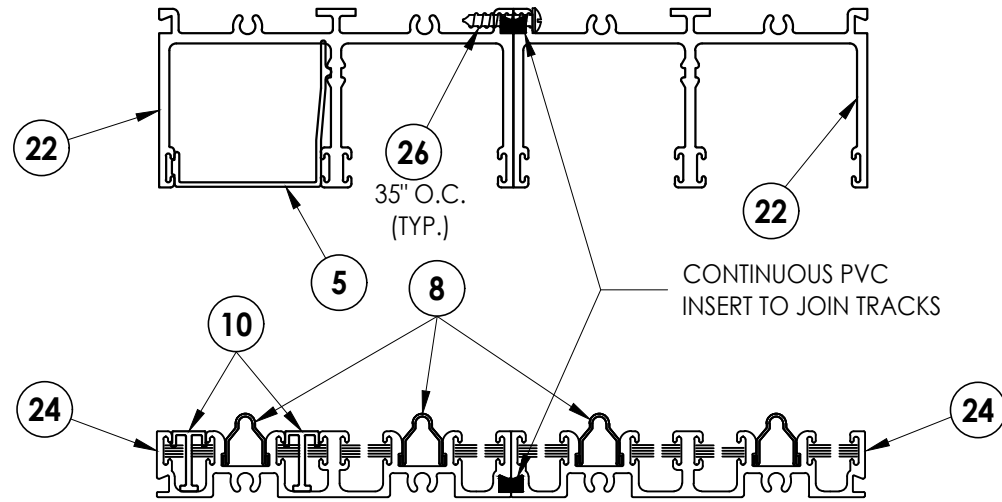


1
4 **VERTICAL CROSS SECTION**
1X Buck Construction
(Shown w/ 3 tracks)

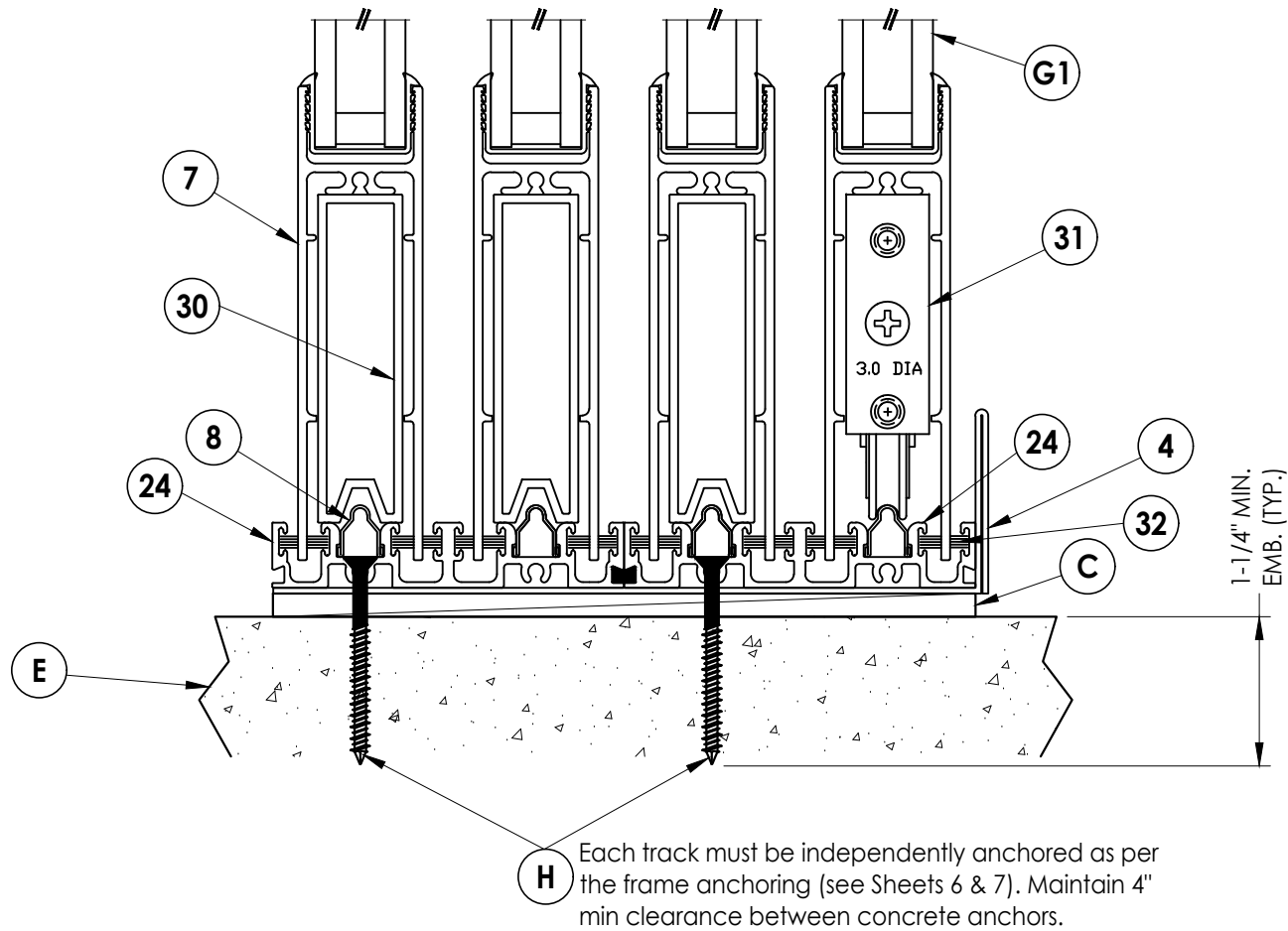


3
4 **VERTICAL CROSS SECTION**
2X Buck Construction
(Shown w/ 4 tracks)

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.).



HEAD & SILL COVER CONDITION



2
4 **VERTICAL CROSS SECTION**
Direct to masonry
(Shown w/ 4 tracks)

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

PRODUCT:
FLEETWOOD WINDOWS & DOORS

RW BUILDING CONSULTANTS, INC.
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Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

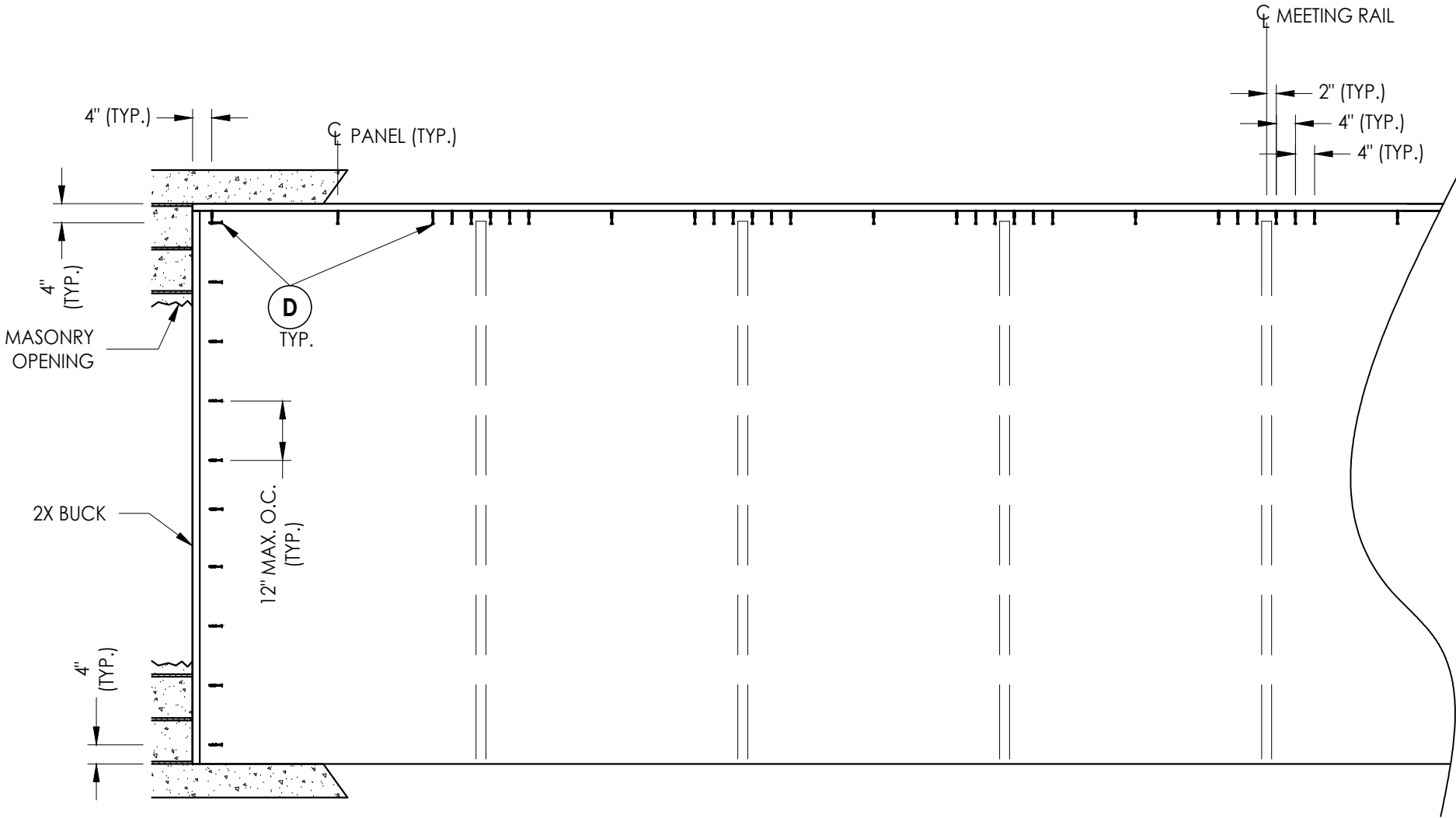
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4	8/10/20	UPDATE TO 7TH ED. (2020) FBC
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1	04/22/15	UPDATE TO 5TH ED. (2014) FBC
NO.	DATE	REVISIONS
DATE: 3/20/14		
SCALE: N.T.S.		
DWG. BY: JK		
CHK. BY: LFS		
DRAWING NO.: FL-15560.8		
SHEET 4 OF 9		

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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:

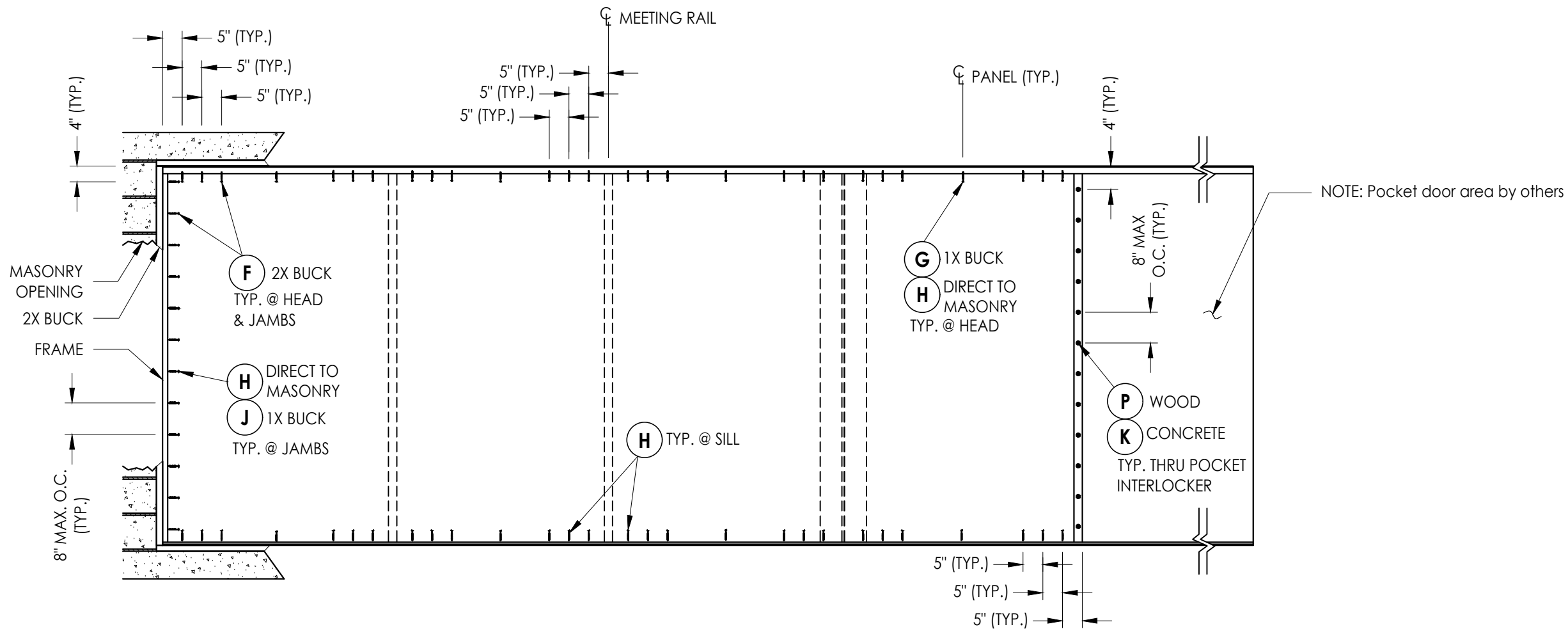
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	4"



2X BUCK ANCHORING

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

SLIDING GLASS POCKET DOOR

(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"
DeWALT ULTRACON+®	1/4"	1-1/4"	1"	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.

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

PRODUCT:
FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:
FRAME ANCHORING

5	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
3	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
2	8/06/15	CLARIFY MAX PANEL SIZE & CHANGE NAME		JK
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK
NO.	DATE			BY

REVISIONS

DATE: 3/20/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

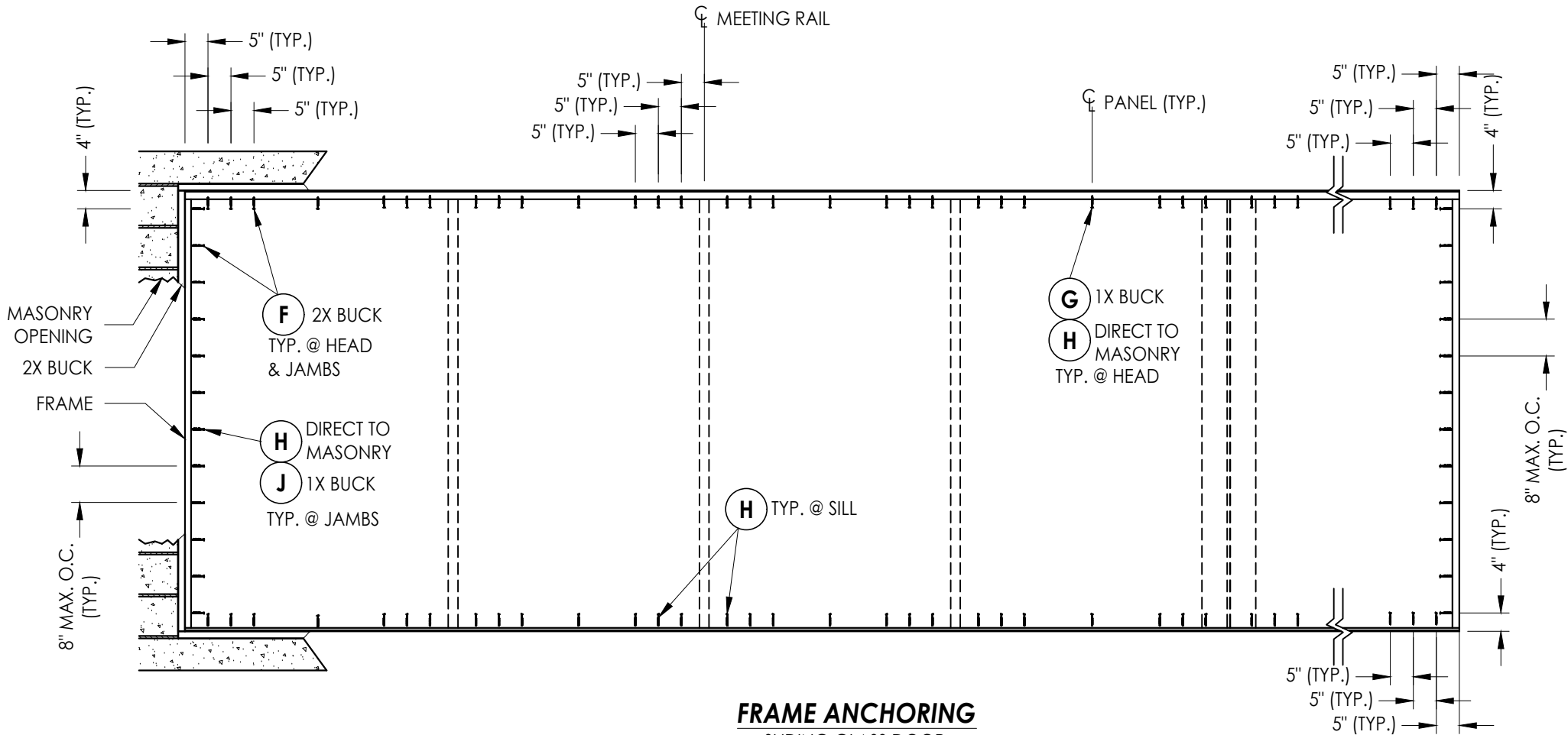
DRAWING NO.:

FL-15560.8

SHEET 6 OF 9

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FBPE Registry No. 9813

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FRAME ANCHORING

SLIDING GLASS DOOR

(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:

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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.

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4	8/10/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
3	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS
2	8/06/15	CLARIFY MAX PANEL SIZE &		JK
1	04/22/15	CHANGE NAME		
		UPDATE TO 5TH ED. (2014)	FBC	JK
	NO. DATE			BY

DATE: 3/20/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15560.8

SHEET 7 OF 9

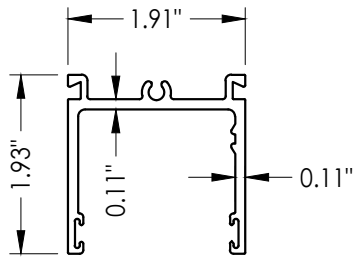
PRODUCT:	FLEETWOOD WINDOWS & DOORS
PART OR ASSEMBLY:	FRAME ANCHORING

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

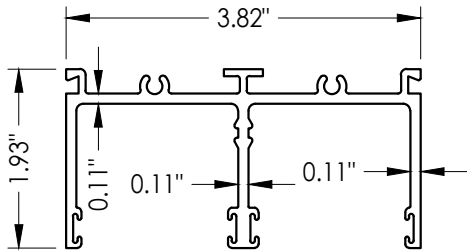
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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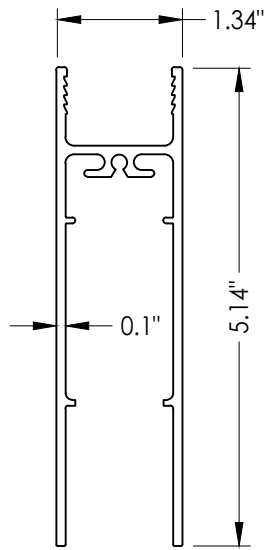
21 HEAD TRACK
1 Run



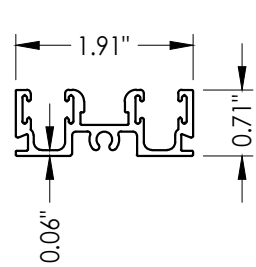
22 HEAD TRACK
2 Runs



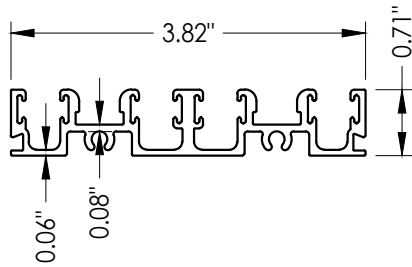
4 SILL PAN



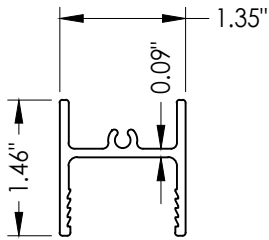
7 BOTTOM RAIL



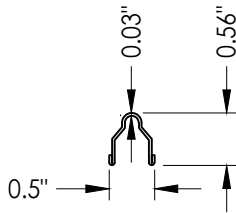
23 SILL TRACK
1 Run



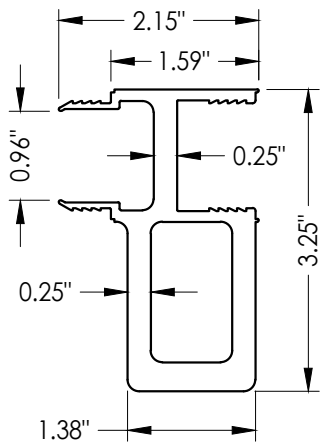
24 SILL TRACK
2 Runs



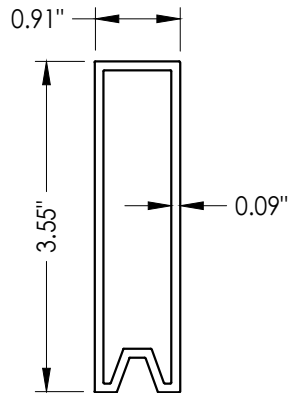
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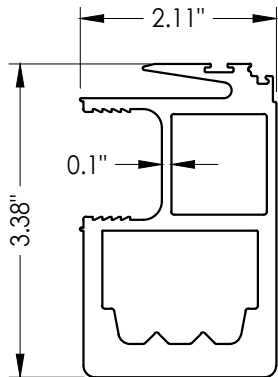
8 TRACK



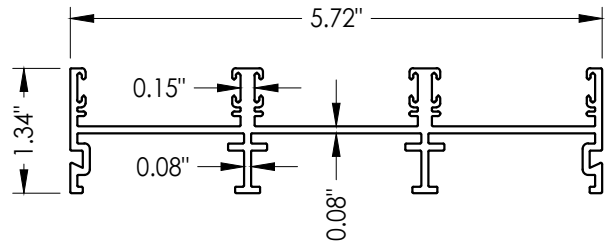
13 WINDLOAD ADAPTER



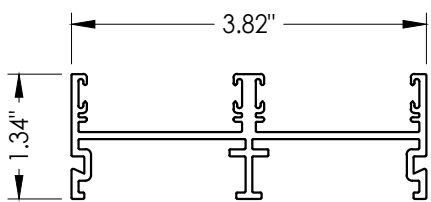
30 PANEL SETTING BLOCK



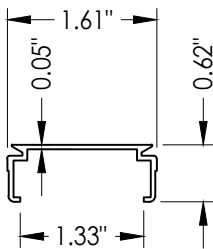
12 INTERLOCK STILE
High Performance



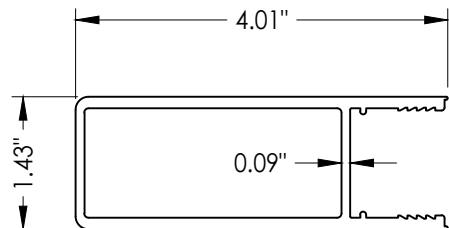
3 JAMB TRACK
3 Runs



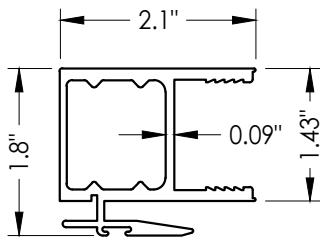
3A JAMB TRACK
2 Runs



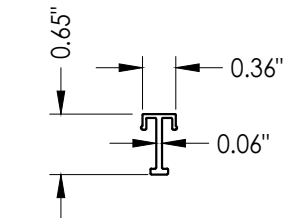
15 JAMB CHANNEL FILLER



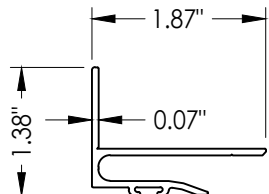
9 STILE



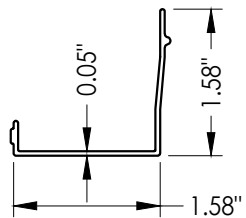
11 INTERLOCK STILE
Standard



10 SILL CHANNEL FILLER



16 POCKET INTERLOCKER



5 HEAD CHANNEL FILLER

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	7/12/23	UPDATE TO 8TH ED. (2023) FBC
4	8/10/20	UPDATE TO 7TH ED.(2020) FBC
3	08/08/17	UPDATE TO 6TH ED. (2017) FBC
2	8/06/15	CLARIFY MAX PANEL SIZE & CHANGE NAME
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC
NO.	DATE	

DATE: 3/20/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

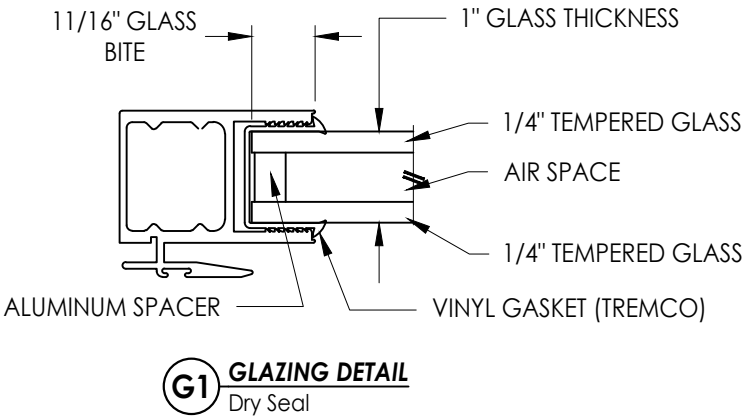
DRAWING NO.:

FL-15560.8

SHEET 8 OF 9

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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
K	1/4" X 1- 3/4" DeWALT PFH CONCRETE SCREW	STEEL
L	#8 X 1/2" PFH SMS	STEEL
P	#10 X 2" PFH SMS (1-1/2" MIN. EMBEDMENT)	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
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
16	POCKET INTERLOCKER	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	CENTER-FIN WEATHERSEAL .290 HIGH PILE (AMESBURY 43629-270)	-
33	HEAVY DENSITY WEATHERSEAL .300 HIGH PILE (AMESBURY 413330-270)	-



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: BILL OF MATERIALS AND GLAZING DETAILS	
5	7/12/23	UPDATE TO 8TH ED. (2023) FBC	LFS
4	8/10/20	UPDATE TO 7th ED. (2020) FBC	DAC
3	08/08/17	UPDATE TO 6TH ED. (2017) FBC	LFS
2	8/06/15	CLARIFY MAX PANEL SIZE &	JK
1	04/22/15	CHANGE NAME	JK
NO.	DATE	UPDATE TO 5TH ED. (2014) FBC	BY
REVISIONS			
DATE: 3/20/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.8			
SHEET 9 OF 9			