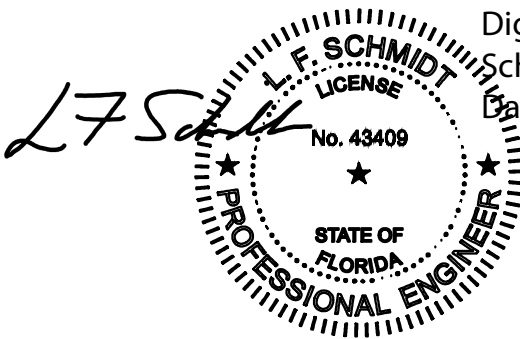




Series 3070-HI
Sliding Glass Pocket Door
w/ 90° Outside Corner
"NON-IMPACT"



Digitally signed by Lyndon F Schmidt
Date: 2023.07.12 17:10:34 -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.

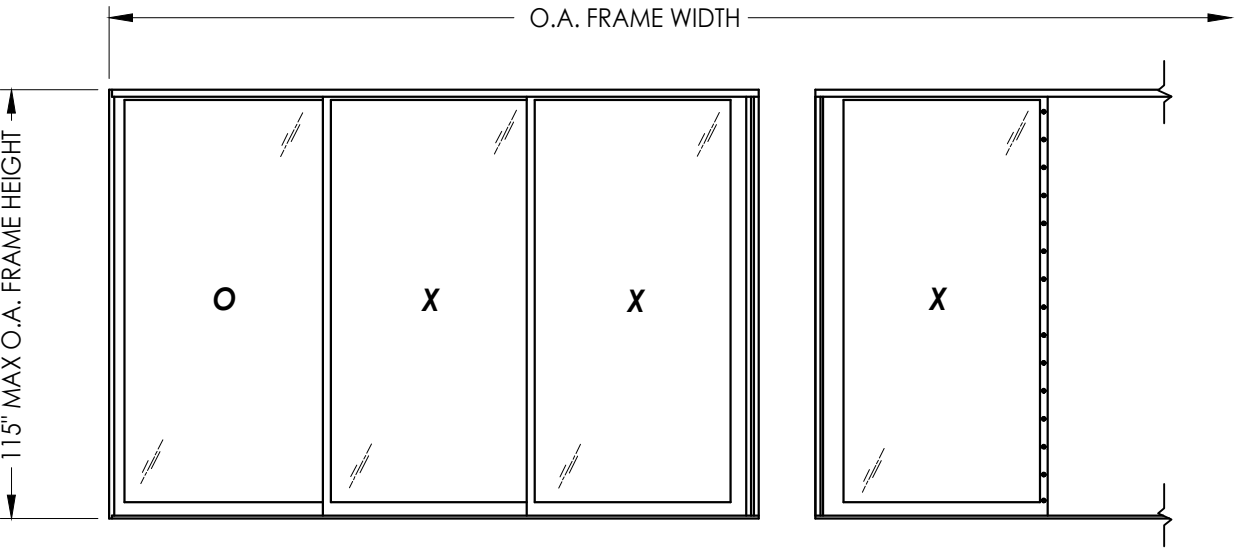
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements 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	Vertical cross sections
4	Vertical cross sections
5	Buck anchoring
6	Frame anchoring
7	Components
8	Bill of materials and glazing details



MAX PANEL DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
60.75" X 98.25"	52.63" X 91.5"	G1	+55.0	-60.0
51.12" X 113.25"	43.0" X 106.5"	G1	+55.0	-60.0

Note: 3 + 1 Panels shown, however, 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

LFS	7/12/23	UPDATE TO 8TH ED. (2023)	FBC
DAC	8/10/20	UPDATE TO 7TH ED. (2020)	FBC
LFS	08/08/17	UPDATE TO 6TH ED. (2017)	FBC
JK	8/06/15	CLARIFY MAX PANEL SIZE &	
		CHANGE NAME	
JK	04/22/15	UPDATE TO 5TH ED. (2014)	FBC
BY			

REVISIONS

DATE: 3/20/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

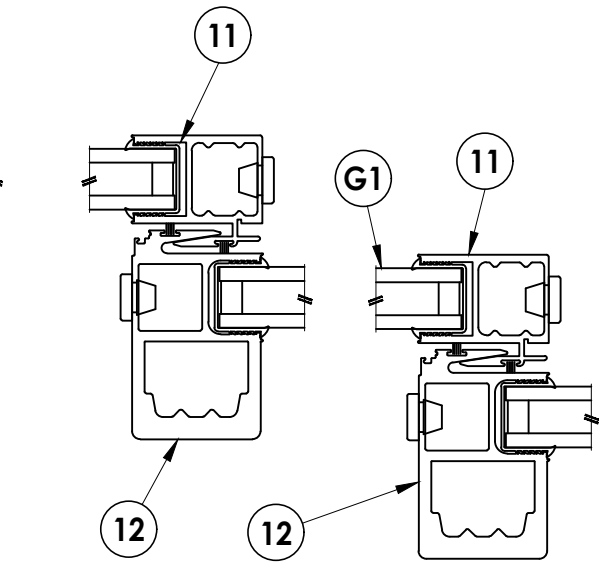
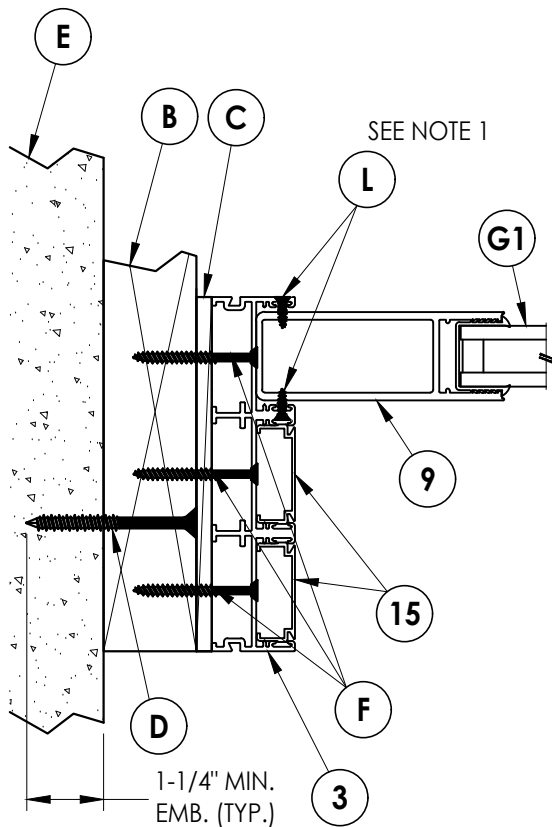
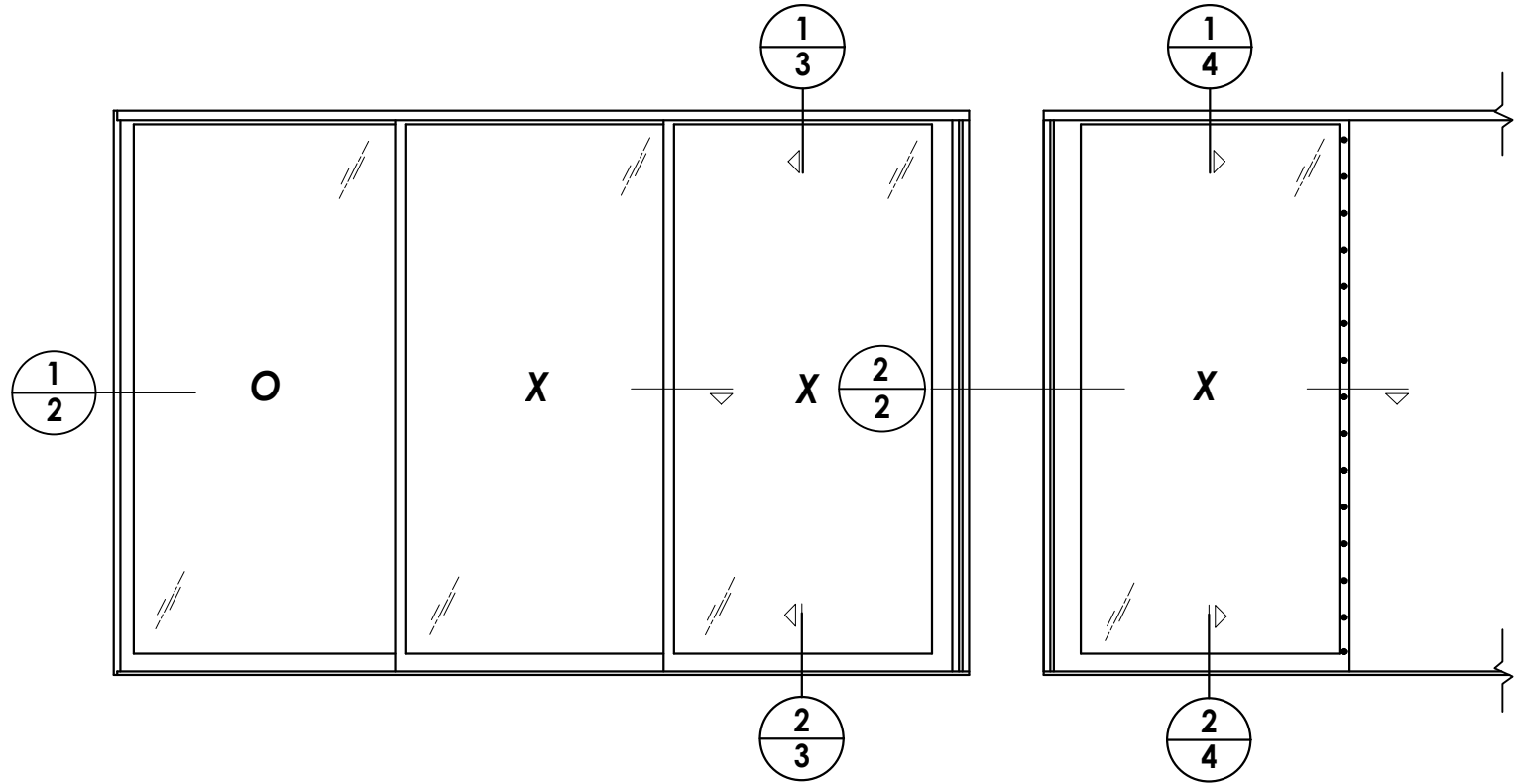
DRAWING NO.: FL-15560.9

SHEET 1 OF 8

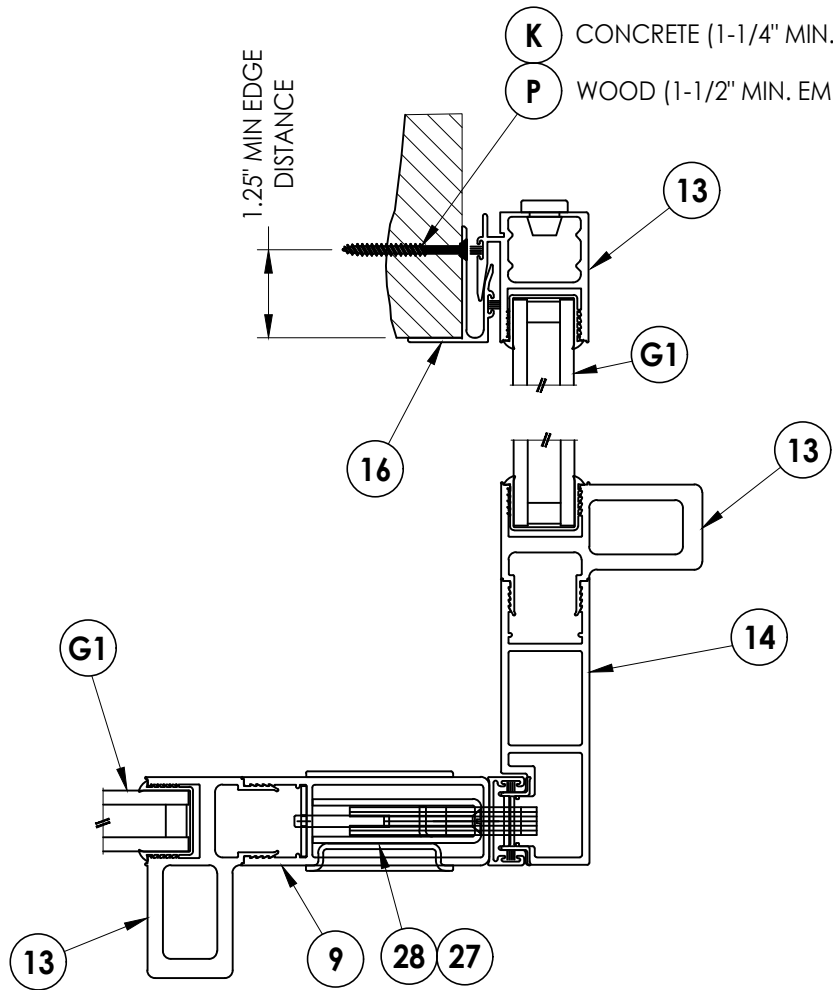
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

© 2014 R.W. BUILDING CONSULTANTS INC.

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-15560 R12 Sliding Patio Door\FL-15560 R8-10.dwg



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

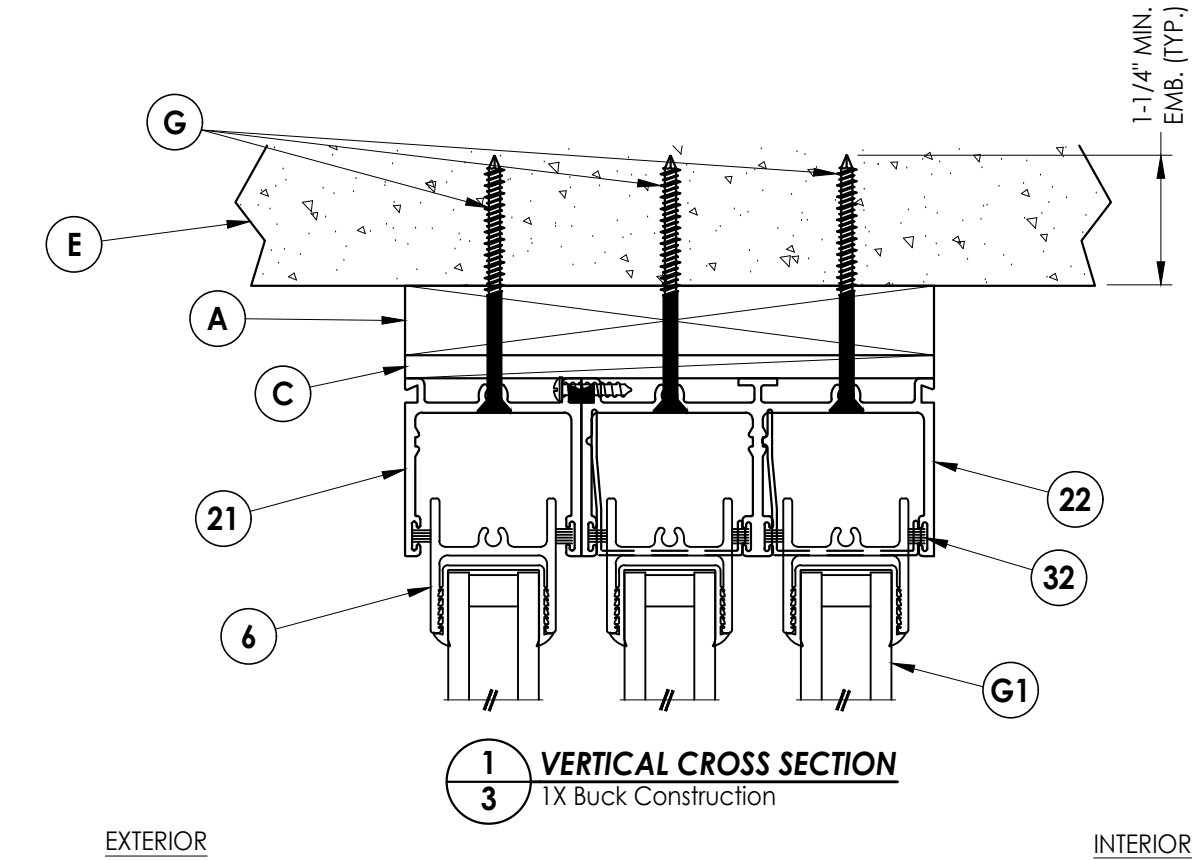


2
2 **HORIZONTAL CROSS SECTION**
90° Corner

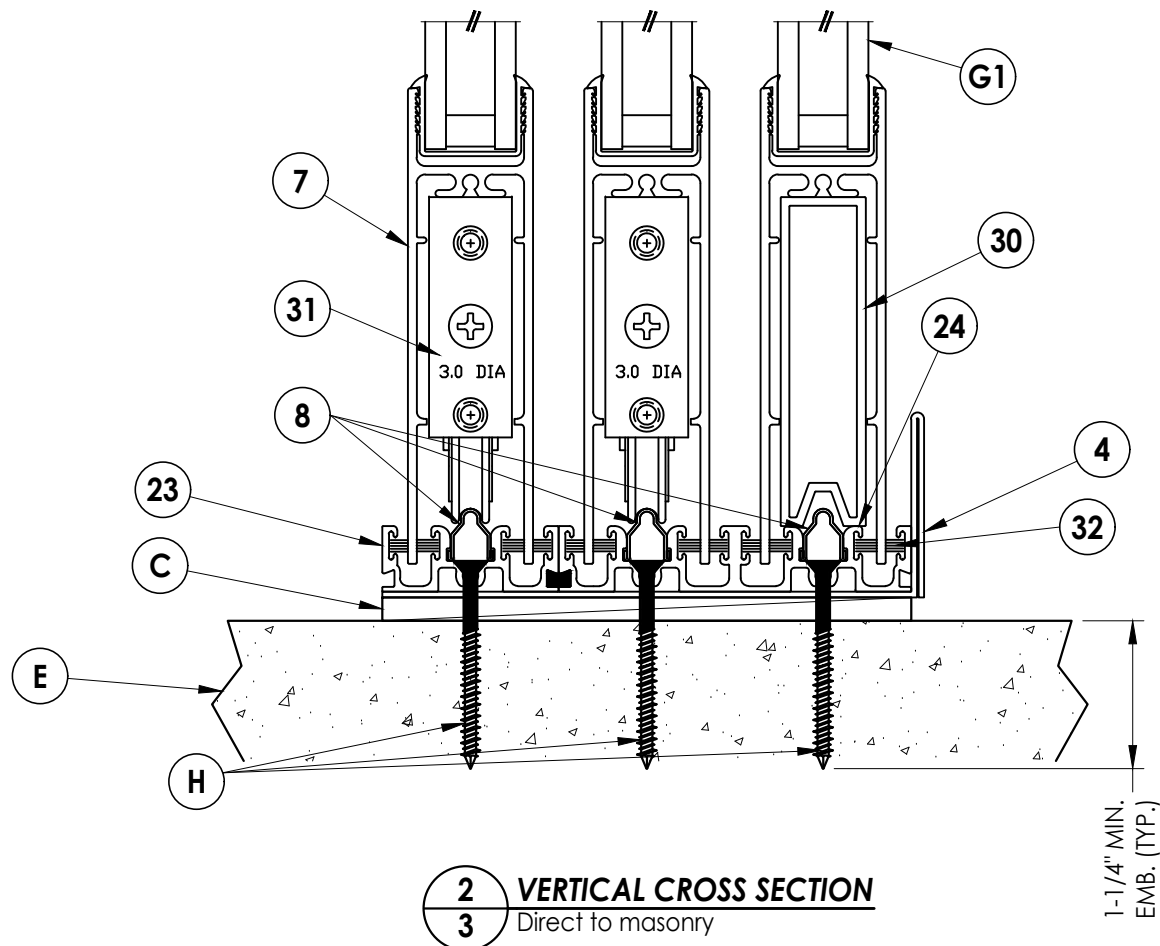
NOTE:
1. Fixed panel screws located 39" from each end.

PRODUCT:		FLEETWOOD WINDOWS & DOORS		PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS	
5	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	JK	NO.	DATE
4	8/10/20	UPDATE TO 7th ED. (2020)	FBC	DAC	JK	1	04/22/15
3	08/08/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	JK	2	08/06/15
2	8/06/15	CLARIFY MAX PANEL SIZE & CHANGE NAME				3	04/22/15
1	04/22/15	UPDATE TO 5TH ED. (2014)	FBC	JK	BY	4	04/22/15
DATE:		3/20/14		SCALE:		N.T.S.	
DWG. BY:		JK		CHK. BY:		LFS	
DRAWING NO.:		FL-15560.9		SHEET		2 OF 8	
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	

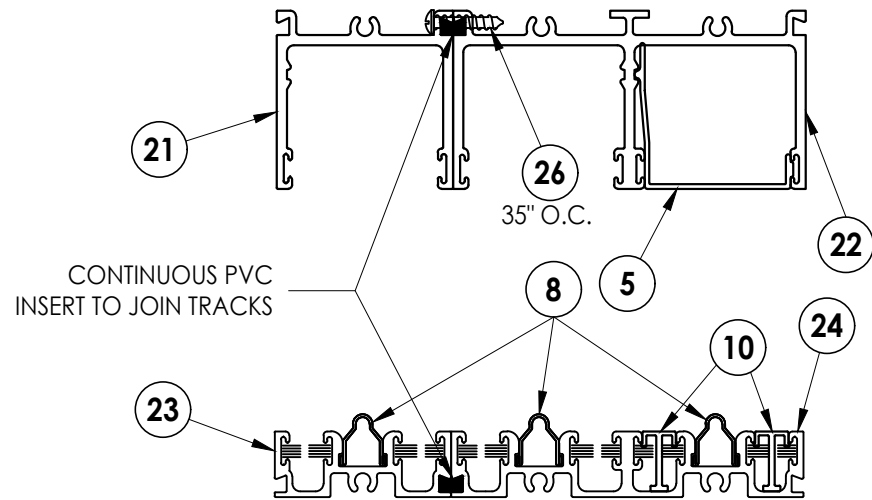
Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-15560 R12 Sliding Patio Door\FL-15560.8-10.dwg



1 VERTICAL CROSS SECTION
TX Buck Construction



2 VERTICAL CROSS SECTION
Direct to masonry

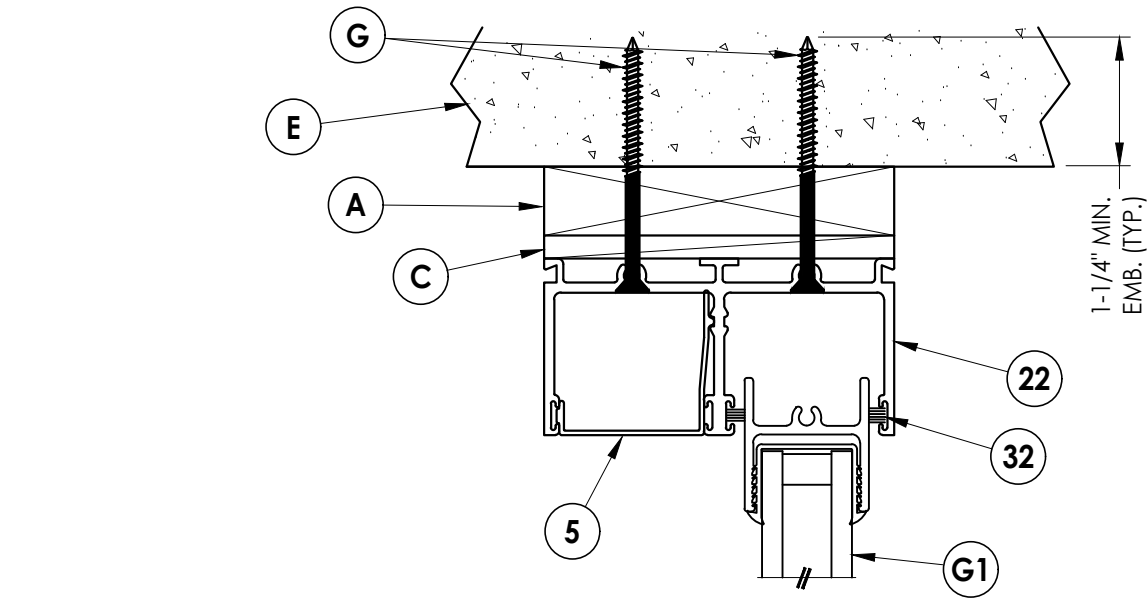


HEAD & SILL COVER CONDITION

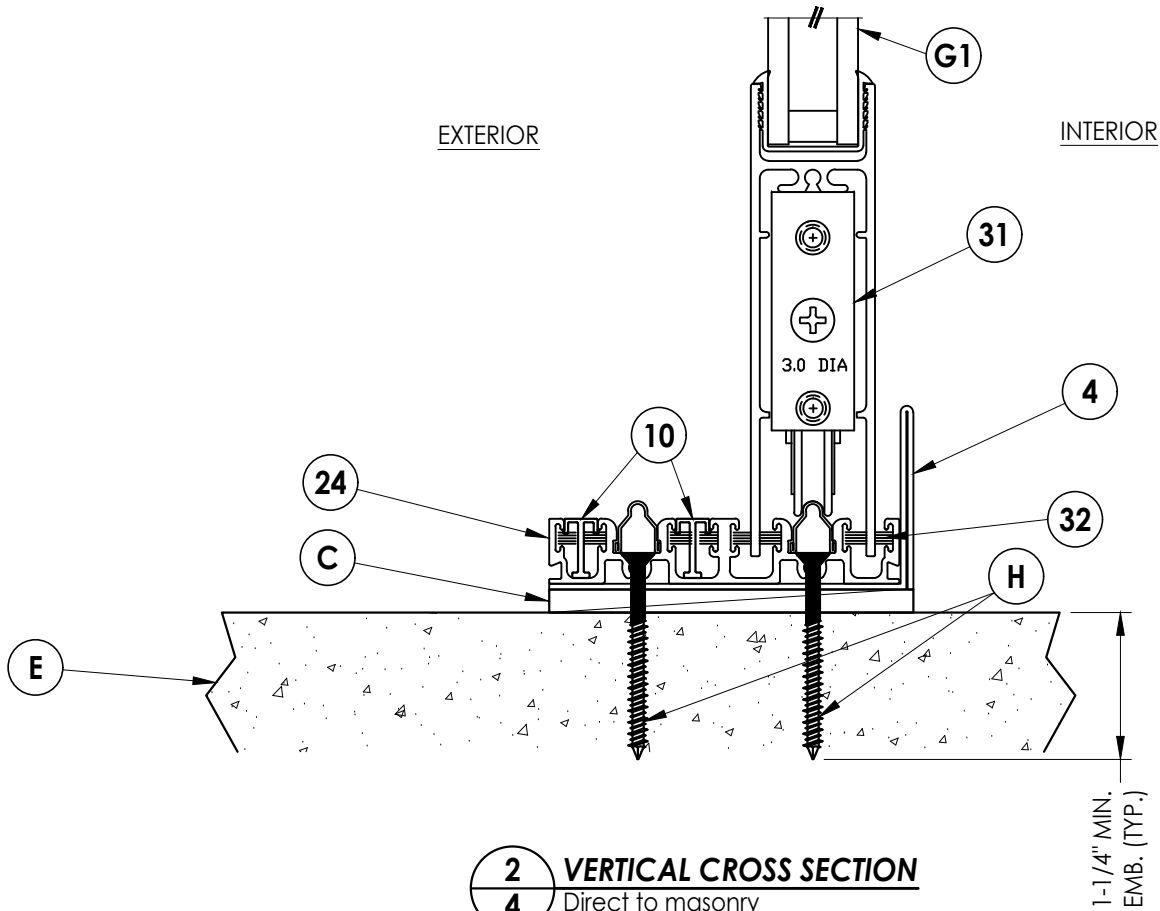
NOTE:
1. A full-depth cut-out (1" wide x 3/16" tall) in track base is necessary to allow for water drainage (12" from each end and 24" o.c.).

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: VERTICAL CROSS SECTIONS	
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 &	JK
1	04/22/15	CHANGE NAME	JK
	NO.	DATE	BY
REVISIONS			
DATE: 3/20/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.9			
SHEET 3 OF 8			

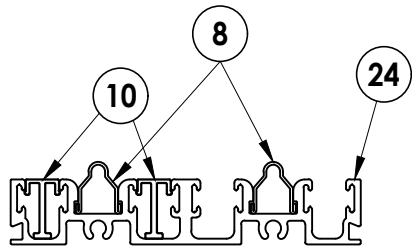
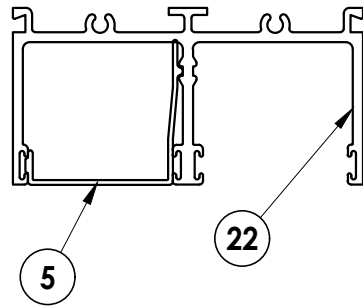
Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-15560 R12 Sliding Patio Door\FL-15560.8-.10.dwg



1 **VERTICAL CROSS SECTION**
4 1X Buck Construction



2 **VERTICAL CROSS SECTION**
4 Direct to masonry

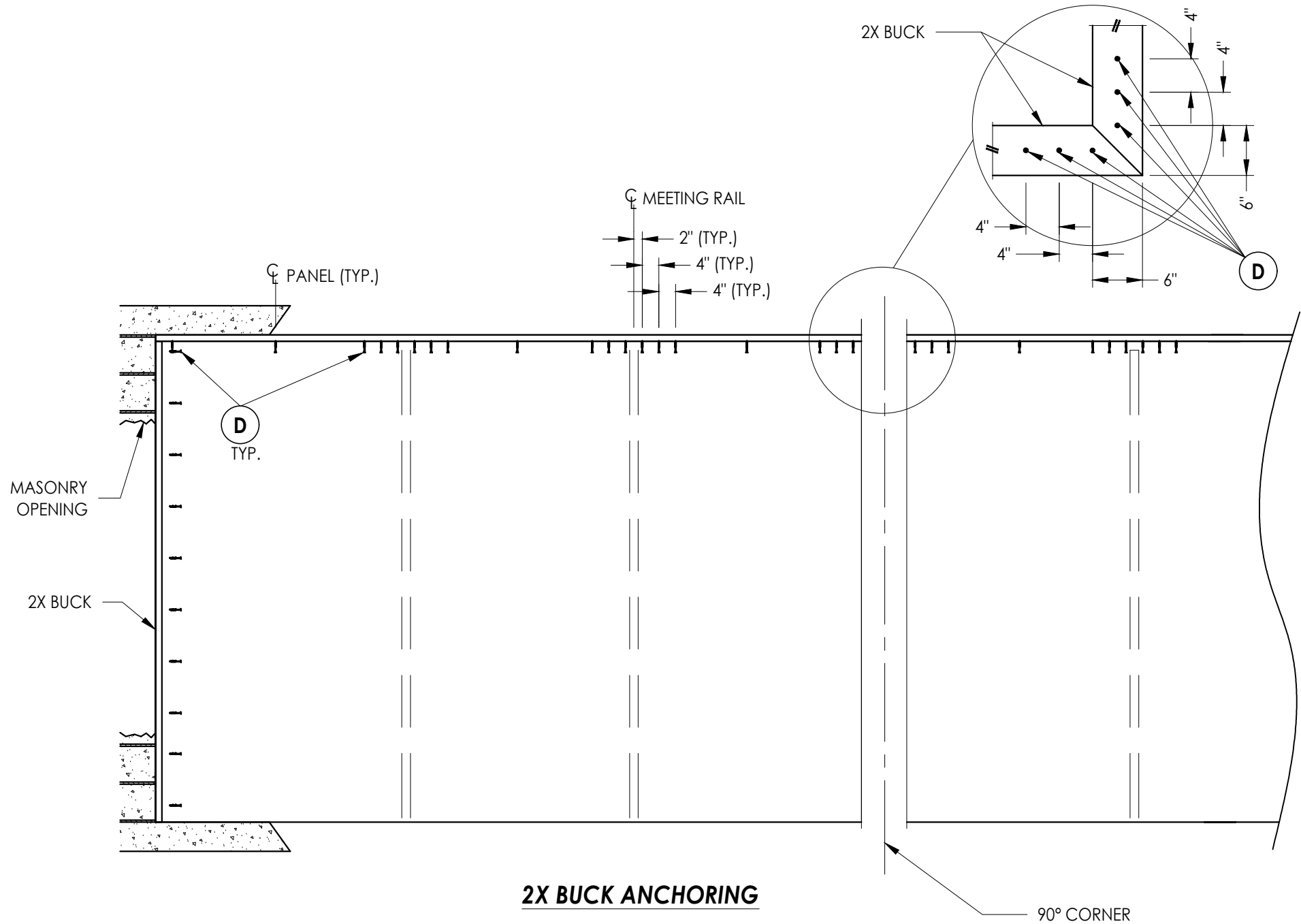


HEAD & SILL COVER CONDITION

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.).

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: VERTICAL CROSS SECTIONS				
5	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	REVISIONS				
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				
DATE: 3/20/14									
SCALE: N.T.S.									
DWG. BY: JK									
CHK. BY: LFS									
DRAWING NO.: FL-15560.9									
SHEET 4 OF 8									

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



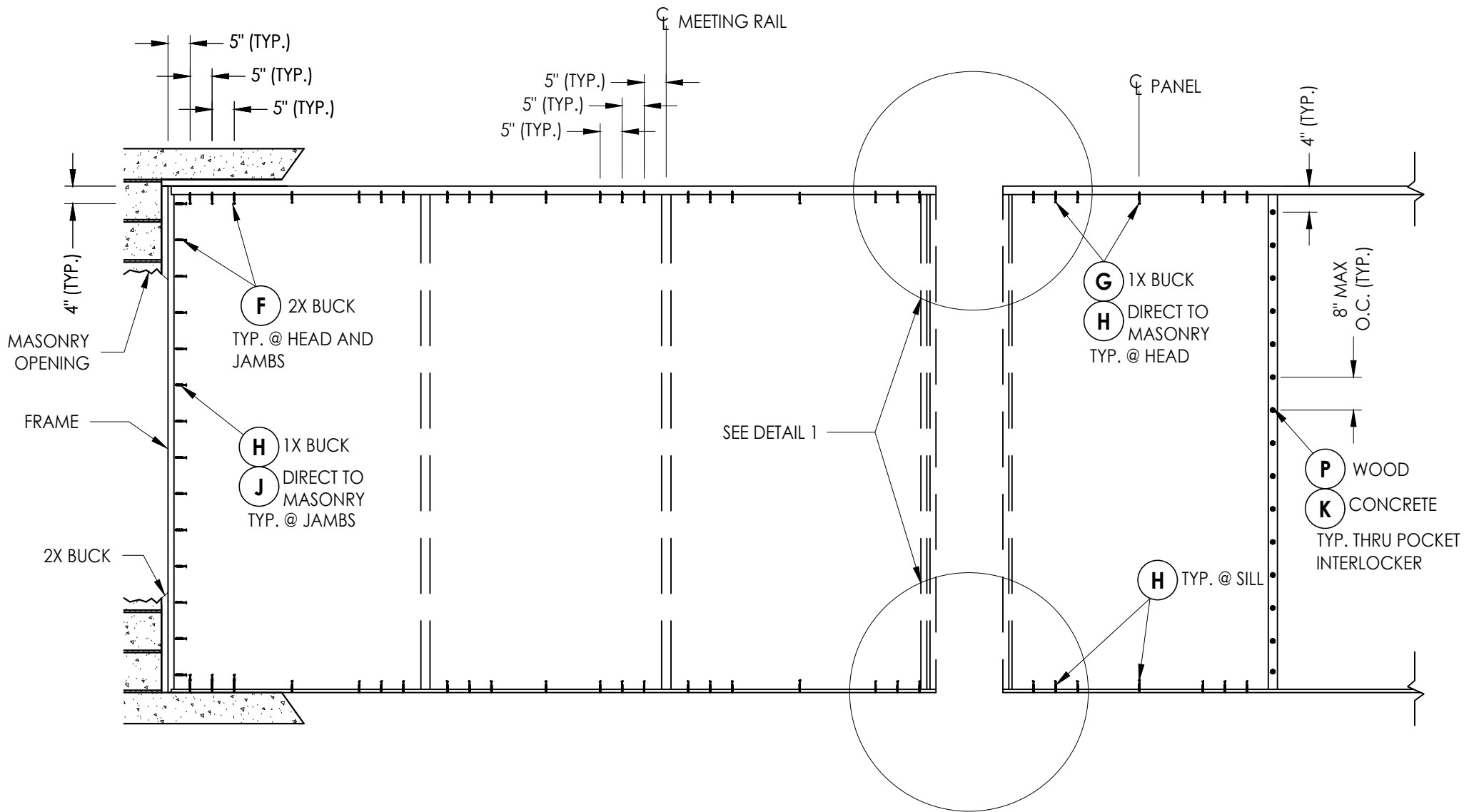
CONCRETE ANCHOR NOTES:

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"

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: BUCK ANCHORING			
LFS	JK	JK	BY	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 &	JK				
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-15560.9							
SHEET 5 OF 8							

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



FRAME ANCHORING

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

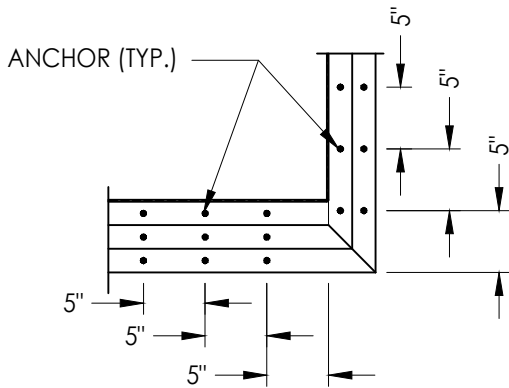
CONCRETE ANCHOR NOTES:

- 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.



DETAIL 1

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:

FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:

FRAME ANCHORING

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 &
1	04/22/15	CHANGE NAME
1	04/22/15	UPDATE TO 5TH ED. (2014) FBC
NO.	DATE	BY

DATE: 3/20/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

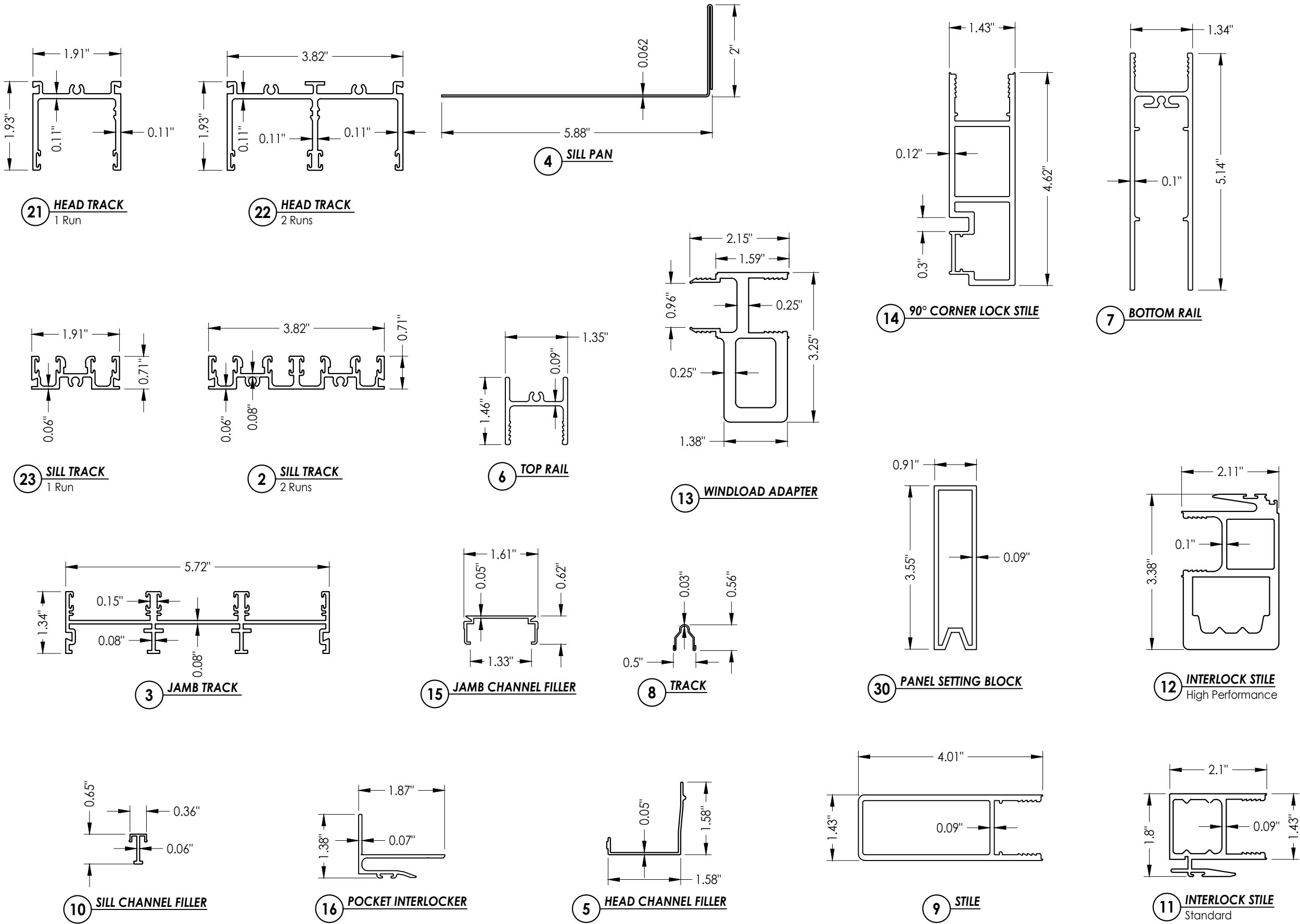
DRAWING NO.:

FL-15560.9

SHEET 6 OF 8

RW 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\FL-15560 R12 Sliding Patio Door\FL-15560.8-.10.dwg



PRODUCT:

FLEETWOOD WINDOWS & DOORS

Documents Prepared By:

Lyndon F. Schmidt

P.E. No. 43409

PART OR ASSEMBLY:

COMPONENTS

DATE:

3/20/14

SCALE:

N.T.S.

DWG. BY:

JK

CHK. BY:

LFS

DRAWING NO.:

FL-15560.9

SHEET

7

OF

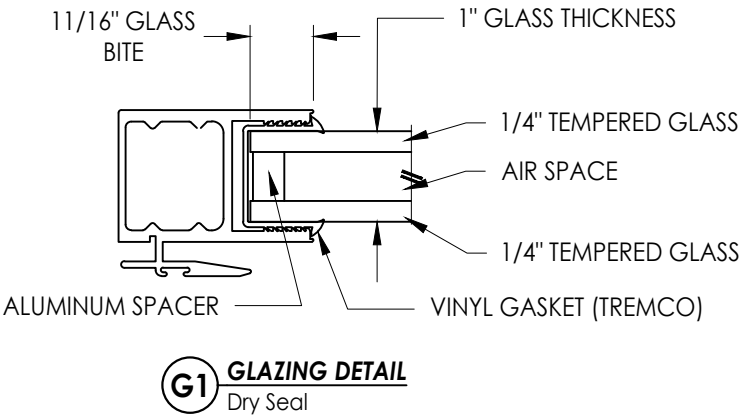
8

© 2014 R.W. BUILDING CONSULTANTS INC.

RW 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\FL-15560 R12 Sliding Patio Door\FL-15560.8-.10.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" 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
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
14	90° CORNER LOCK STILE	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	REVISIONS		
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		
DATE: 3/20/14							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-15560.9							
SHEET 8 OF 8							