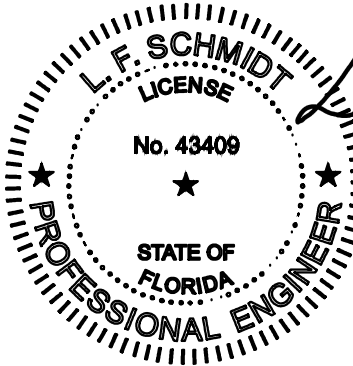
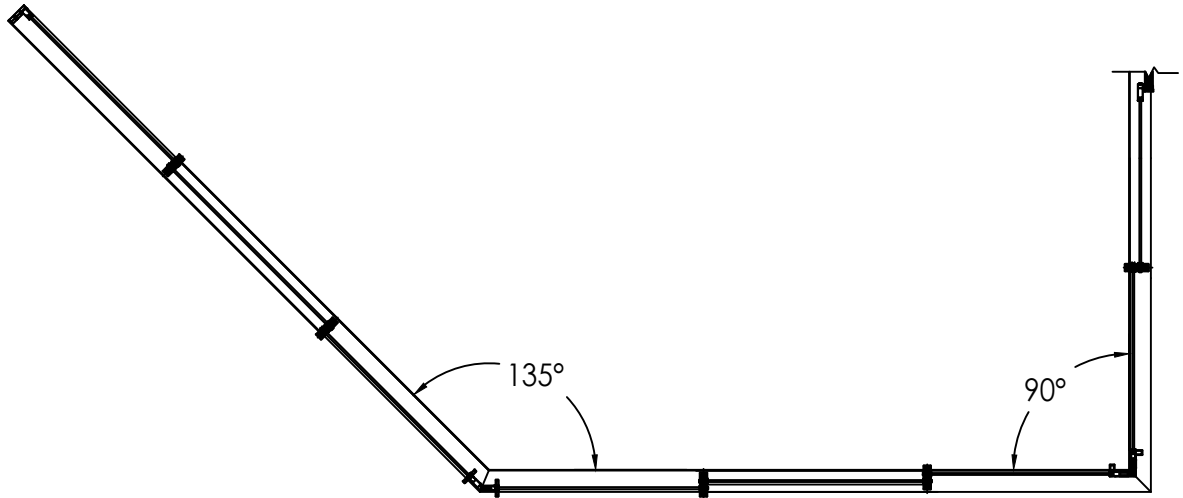




Series 3070-HI
Sliding Glass / Pocket Door
w/ 90°-135° Outside Corner
"IMPACT"



Digitally signed
by Lyndon F
Schmidt
Date:
2026.07.06
14:23:19 -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

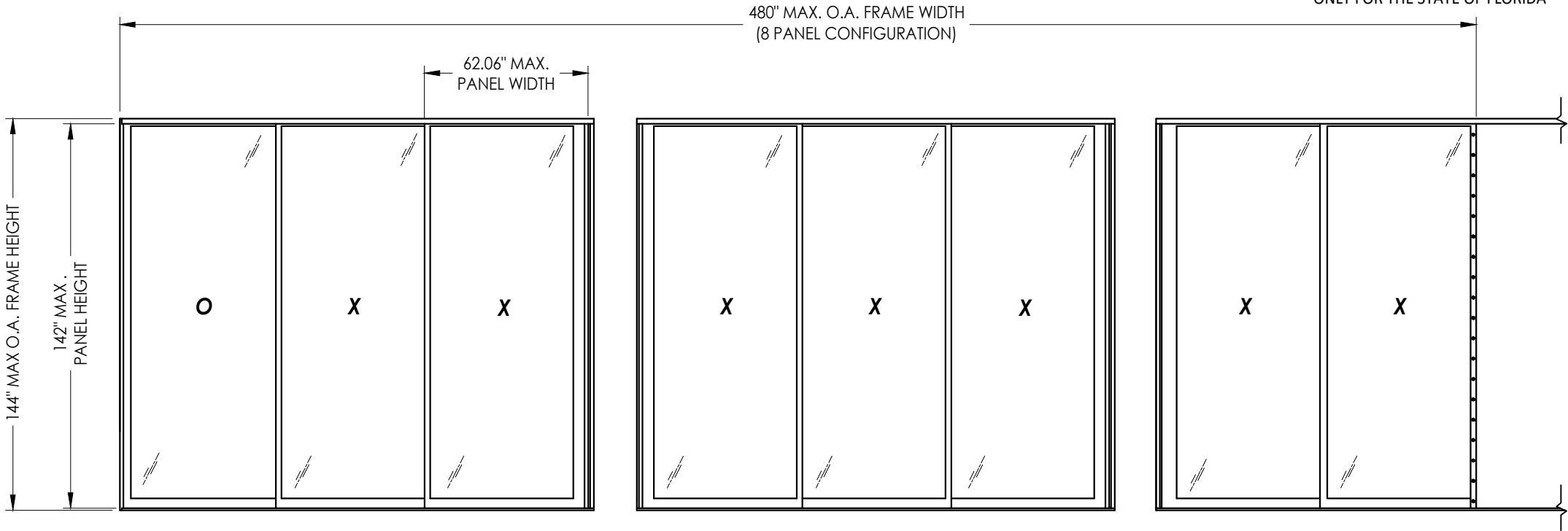


TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	Typical elevations & design pressures
2	General notes & elevation
3	Horizontal cross sections
4	Horizontal cross sections
5	Vertical cross sections
6	Vertical cross sections
7	Buck anchoring
8	Frame anchoring
9	Components
10	Components
11	Bill of materials & glazing details

MAX PANEL DIMENSION	MAX D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
62.06" X 142.0"	56.5" X 136.9"	G1, G2	+50.0	-55.0

Note: 3 + 3 + 2 Panels shown, however, any combination of fixed and operable panels is allowed. There is not a limit on the number of panels. In addition, panels may be combined w/ 90° up to 135° outside corners as necessary.

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

PRODUCT:
FLEETWOOD WINDOWS & DOORS

LFS	UPDATE TO 9TH ED. (2026) FBC
LFS	ADD ALTERNATE BOTTOM RAIL
LFS	UPDATE TO 8TH ED. (2023) FBC
DAC	UPDATE TO 7TH ED. (2020) FBC
LFS	UPDATE TO 6TH ED. (2017) FBC
BY	

REVISIONS

5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
4	9/11/25	ADD ALTERNATE BOTTOM RAIL
3	7/12/23	UPDATE TO 8TH ED. (2023) FBC
2	8/10/20	UPDATE TO 7TH ED. (2020) FBC
1	08/08/17	UPDATE TO 6TH ED. (2017) FBC
NO.	DATE	

DATE: 03/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

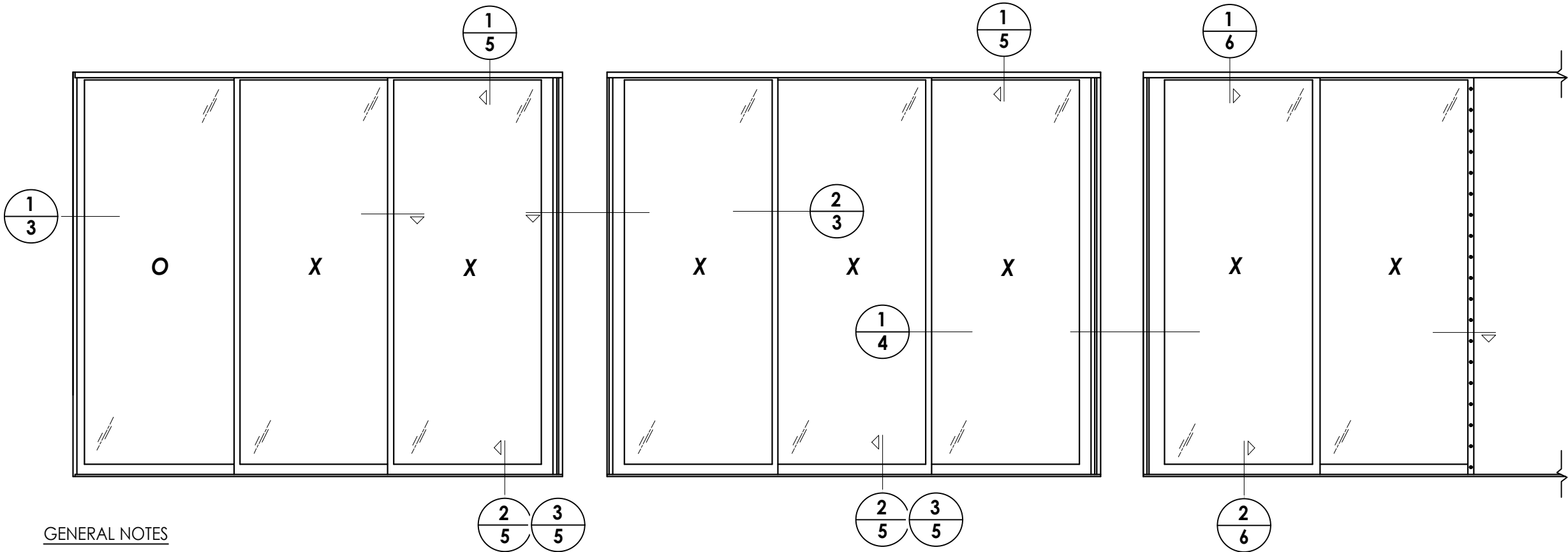
DRAWING NO.: FL-15560.18

SHEET 1 OF 11

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Phone No.: 813.659.9197
FBPE Registry No. 9813

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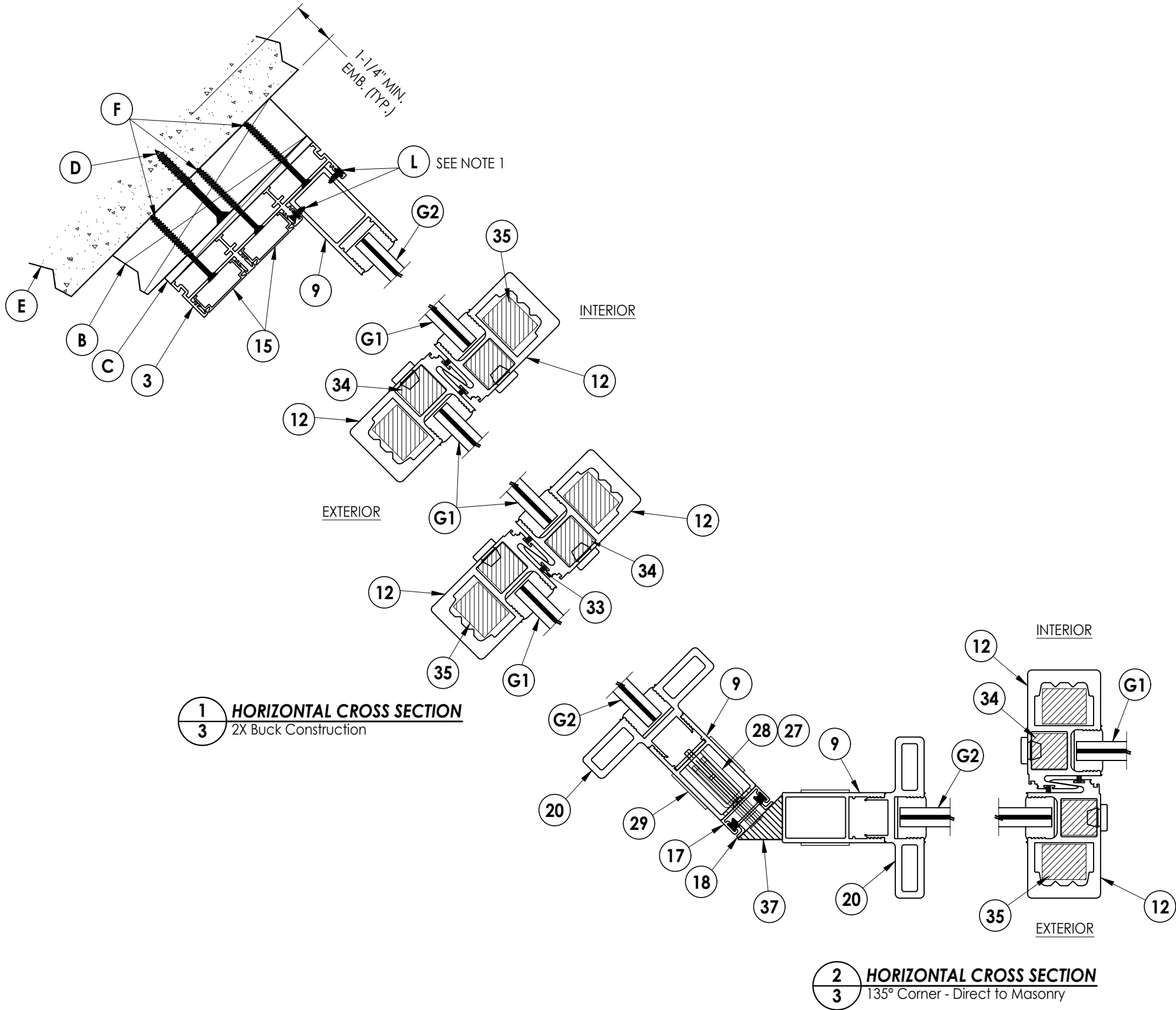


GENERAL NOTES

1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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.

PRODUCT:		FLEETWOOD WINDOWS & DOORS		PART OR ASSEMBLY:		GENERAL NOTES & ELEVATION	
		LFS		LFS		LFS	
DATE: 03/10/16		SCALE: N.T.S.		DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.:		FL-15560.18		SHEET 2 OF 11		REVISONS	
NO.		DATE		BY		REVISIONS	
5		7/02/26		UPDATE TO 9TH ED. (2026) FBC		LFS	
4		9/11/25		ADD ALTERNATE BOTTOM RAIL		LFS	
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	
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			

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



PRODUCT:
FLEETWOOD WINDOWS & DOORS

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

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
4	9/11/25	ADD ALTERNATE BOTTOM RAIL LFS
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

DATE: 03/10/16

SCALE: N.T.S.

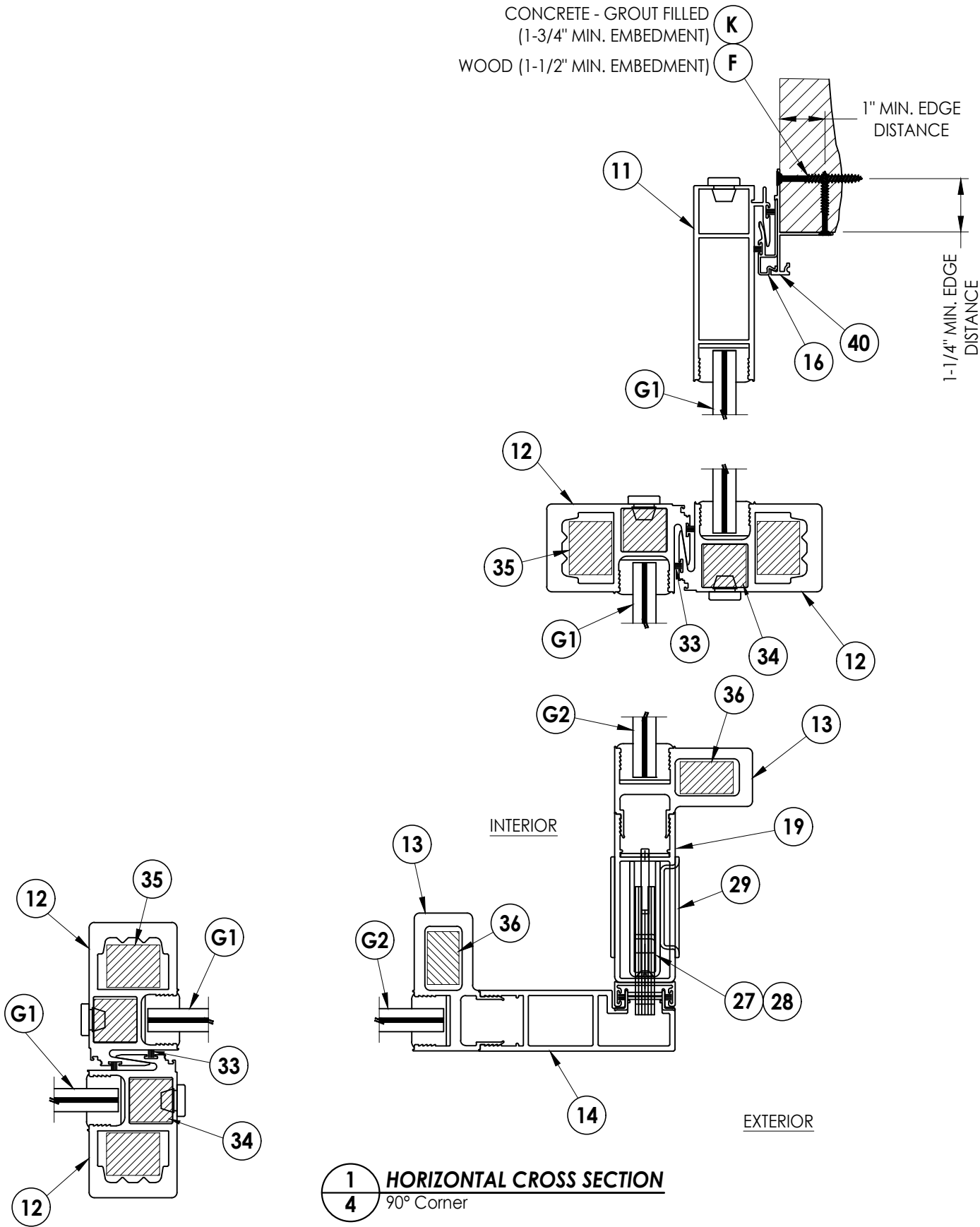
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CHK. BY: LFS

DRAWING NO.:
FL-15560.18

SHEET 3 OF 11

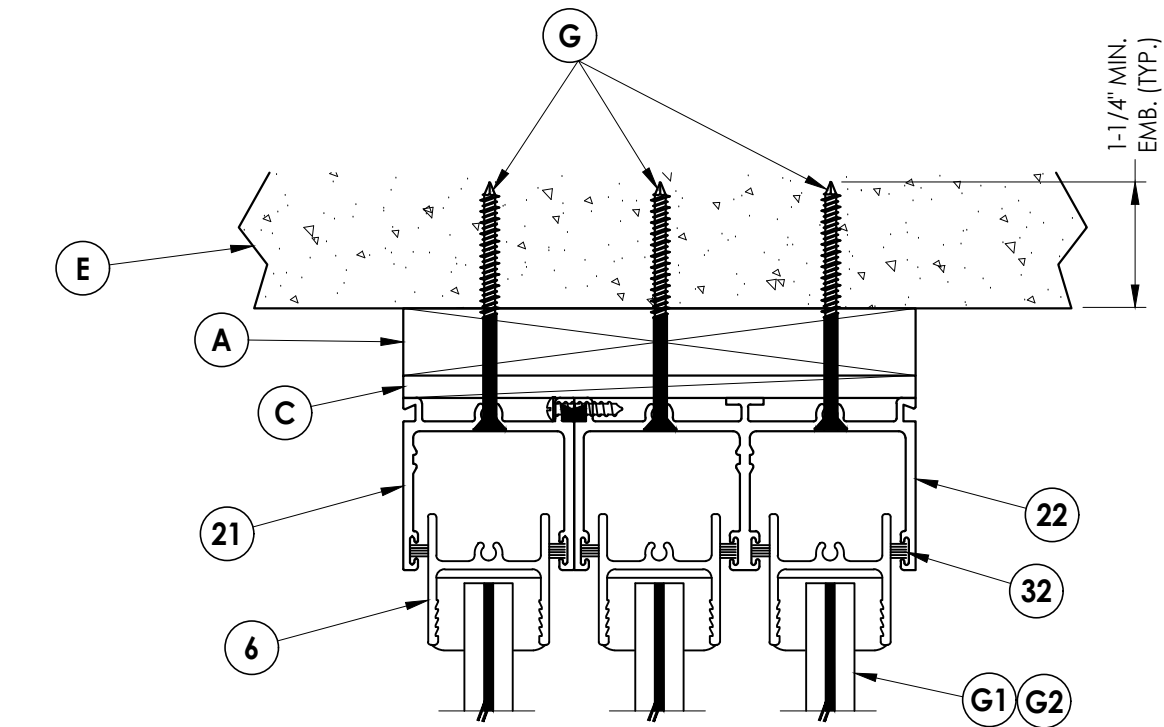
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1
4 **HORIZONTAL CROSS SECTION**
90° Corner

PRODUCT:		Documents Prepared By:	
FLEETWOOD WINDOWS & DOORS		Lyndon F. Schmidt	
PART OR ASSEMBLY:		P.E. No. 43409	
HORIZONTAL CROSS SECTIONS		RW BUILDING CONSULTANTS, INC.	
NO.		P.O. Box 230, Valrico, FL 33595	
DATE		Phone No.: 813.659.9197	
REVISIONS		FBPE Registry No. 9813	
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
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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		BY	
03/10/16		JK	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-15560.18	
SHEET		4 OF 11	

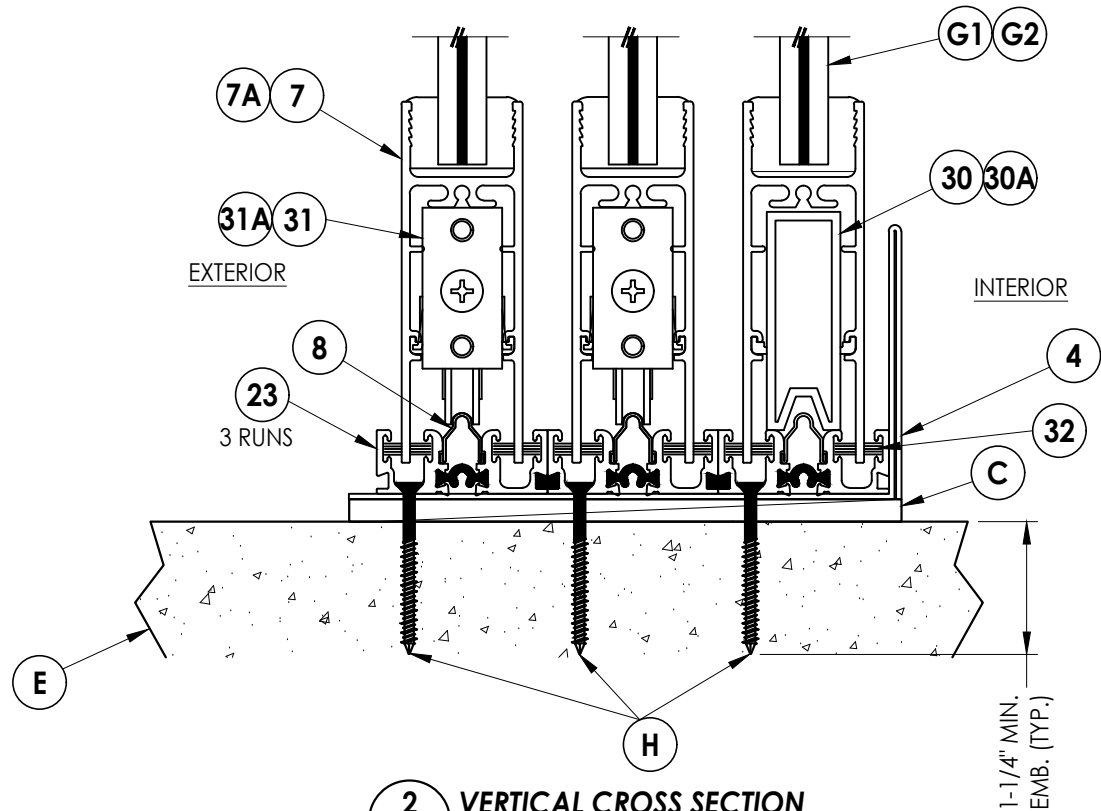
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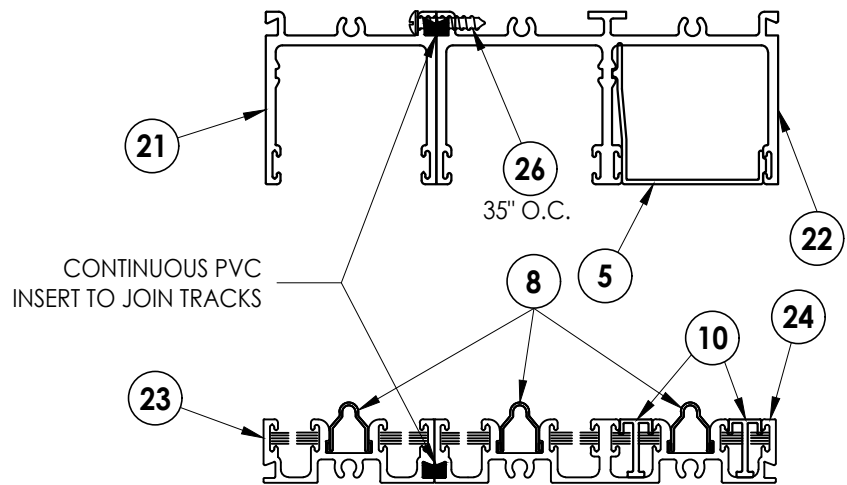
1 VERTICAL CROSS SECTION
5 1X Buck Construction

EXTERIOR

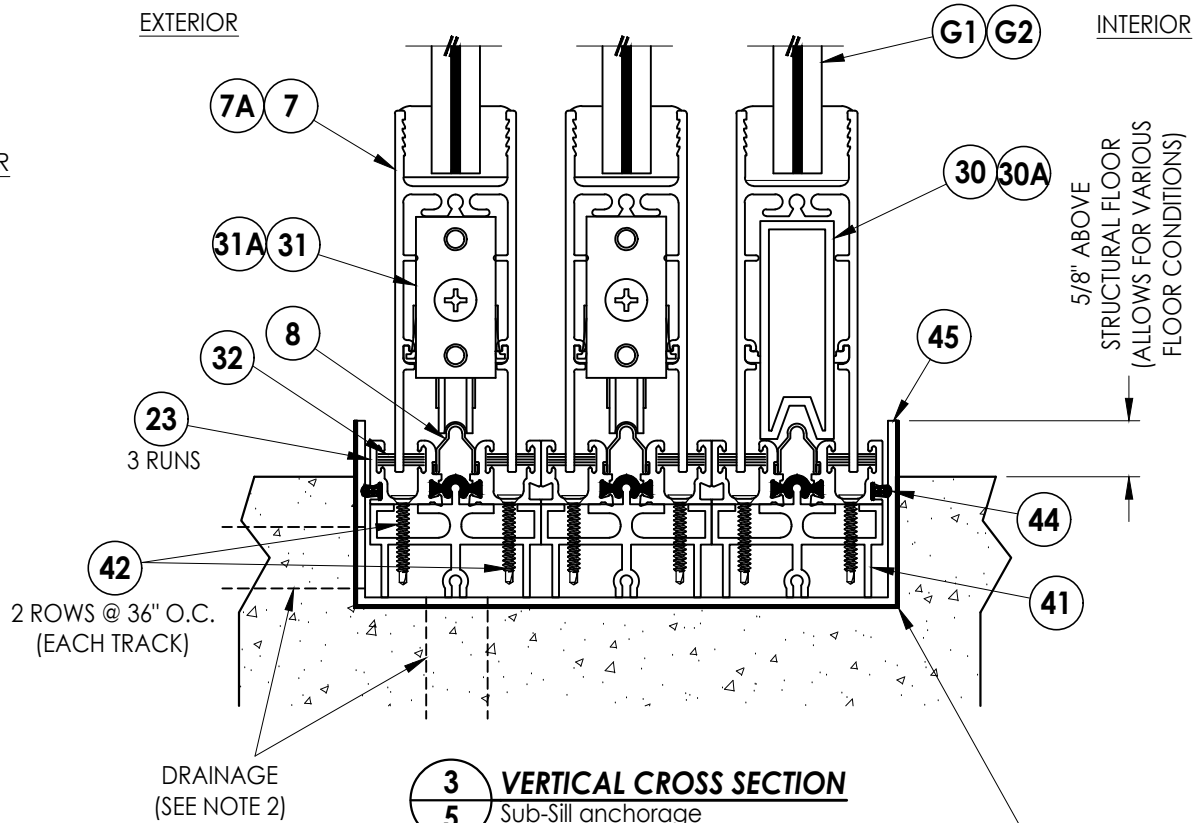
INTERIOR



2 VERTICAL CROSS SECTION
5 Direct to masonry
(Shown w/ 3 tracks)



HEAD & SILL COVER CONDITION



3 VERTICAL CROSS SECTION
5 Sub-Sill anchorage

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.

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.

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

PRODUCT:
FLEETWOOD WINDOWS & DOORS

NO.	DATE	REVISIONS
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC
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1	08/08/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 03/10/16

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

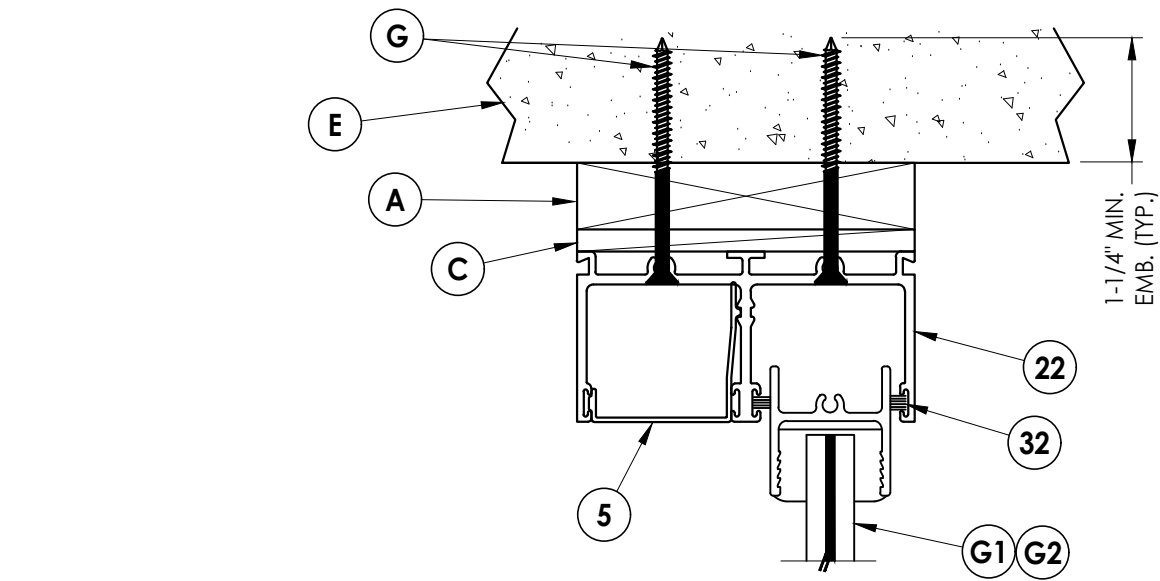
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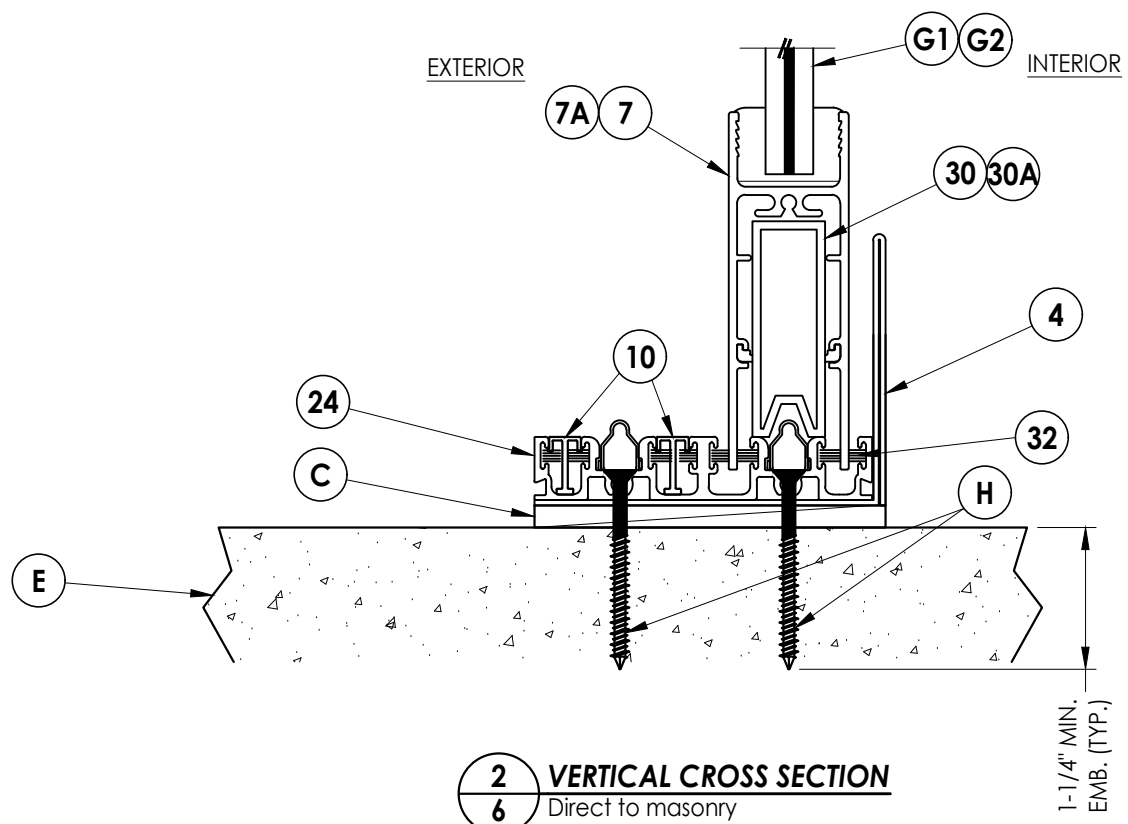
SHEET 5 OF 11

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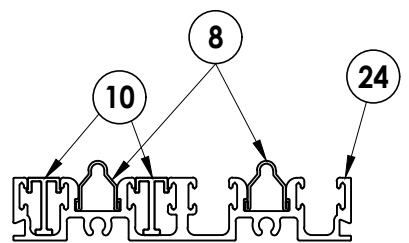
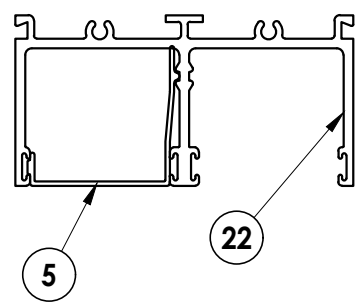
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1 VERTICAL CROSS SECTION
6 1X Buck Construction



2 VERTICAL CROSS SECTION
6 Direct to masonry

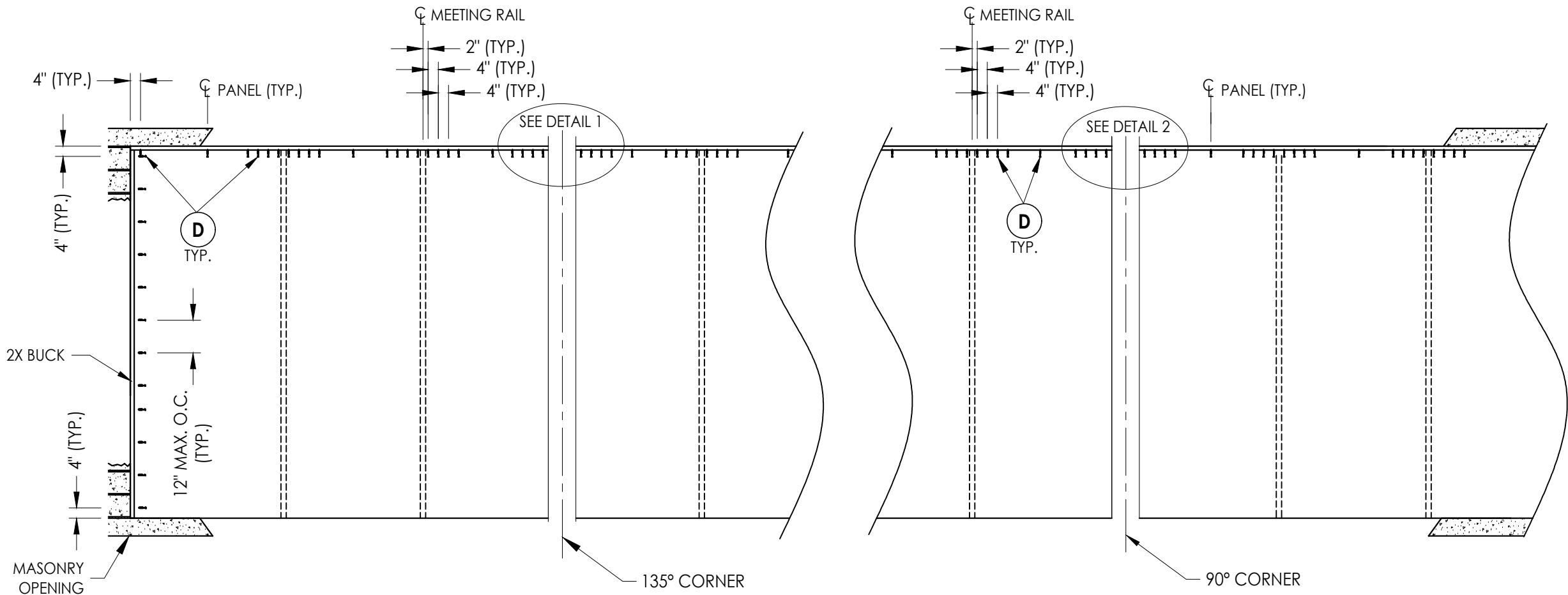


HEAD & SILL COVER CONDITION

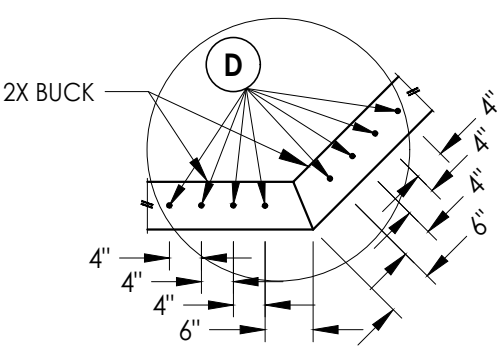
NOTE:
1. A full-depth cut-out (1" wide x 3/16" tall) in track base is necessary to allow for water drainage (6" from each end and 60" o.c.).

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		R ^W 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	7/02/26	UPDATE TO 9TH ED. (2026)	FBC LFS
4	9/11/25	ADD ALTERNATE BOTTOM RAIL	LFS
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		REVISIONS	
DATE: 03/10/16			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.18			
SHEET 6 OF 11			

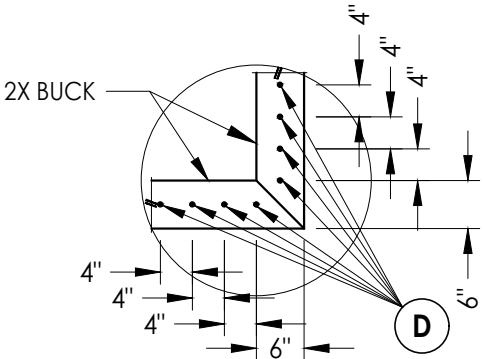
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2X BUCK ANCHORING



DETAIL 1
135° Corner



DETAIL 2
90° Corner

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"

Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

PRODUCT:

FLEETWOOD WINDOWS & DOORS

PART OR ASSEMBLY:

BUCK ANCHORING

DATE: 03/10/16

SCALE: N.T.S.

DWG. BY: JK

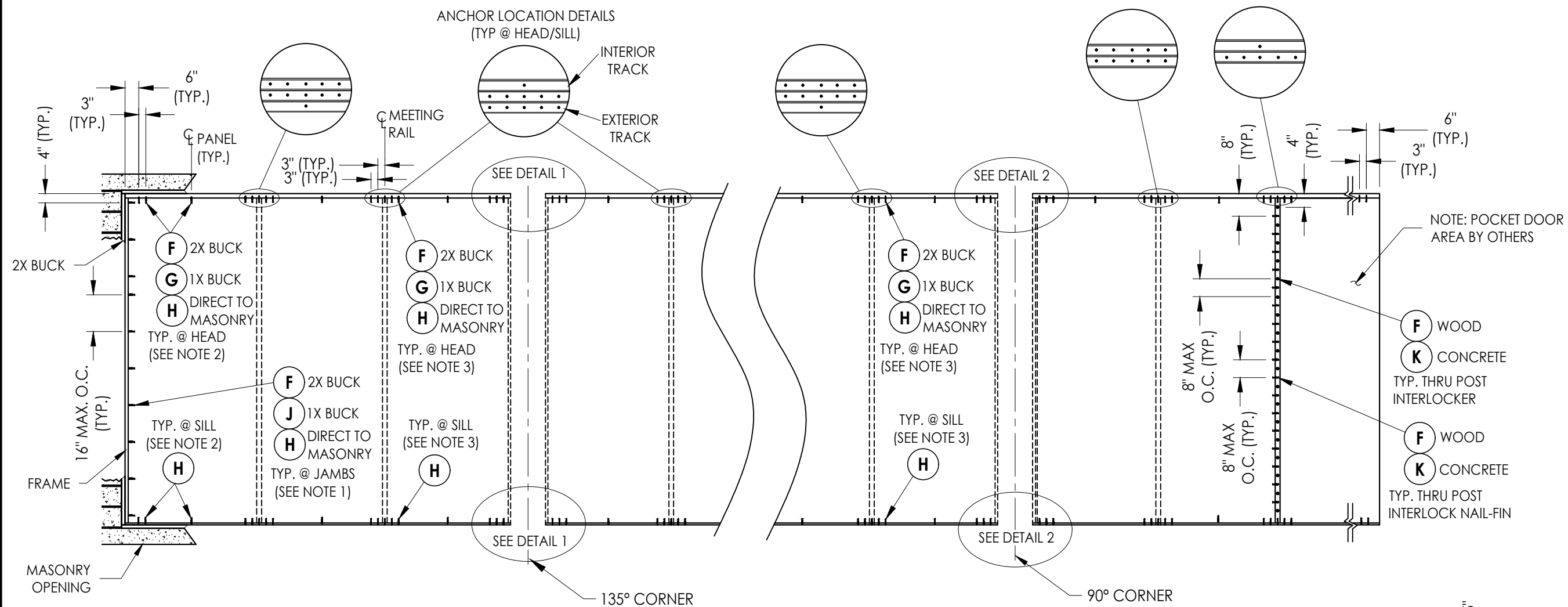
CHK. BY: LFS

DRAWING NO.:

FL-15560.18

SHEET 7 OF 11

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



FRAME 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:

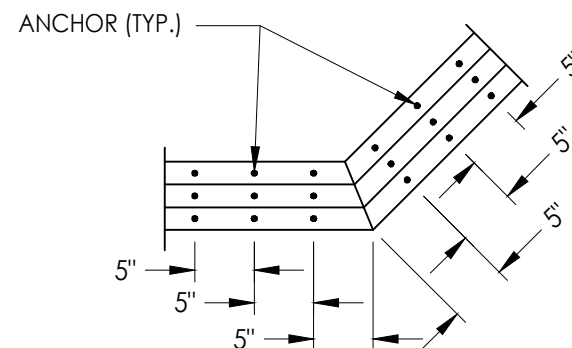
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	2"	1-7/8"
DeWALT ULTRA-CON®	1/4"	1-1/4"	1-1/4"	6"

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.

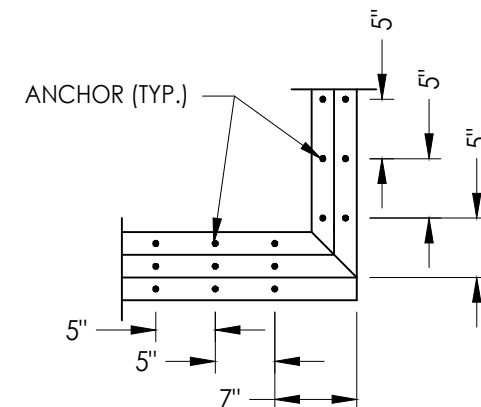
ANCHOR LOCATION NOTES:

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



DETAIL 1

135° Corner



DETAIL 2

90° Corner

DATE: 03/10/16		PRODUCT: FLEETWOOD WINDOWS & DOORS	
SCALE: N.T.S.		PART OR ASSEMBLY: FRAME ANCHORING	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15560.18			
SHEET 8 OF 11			

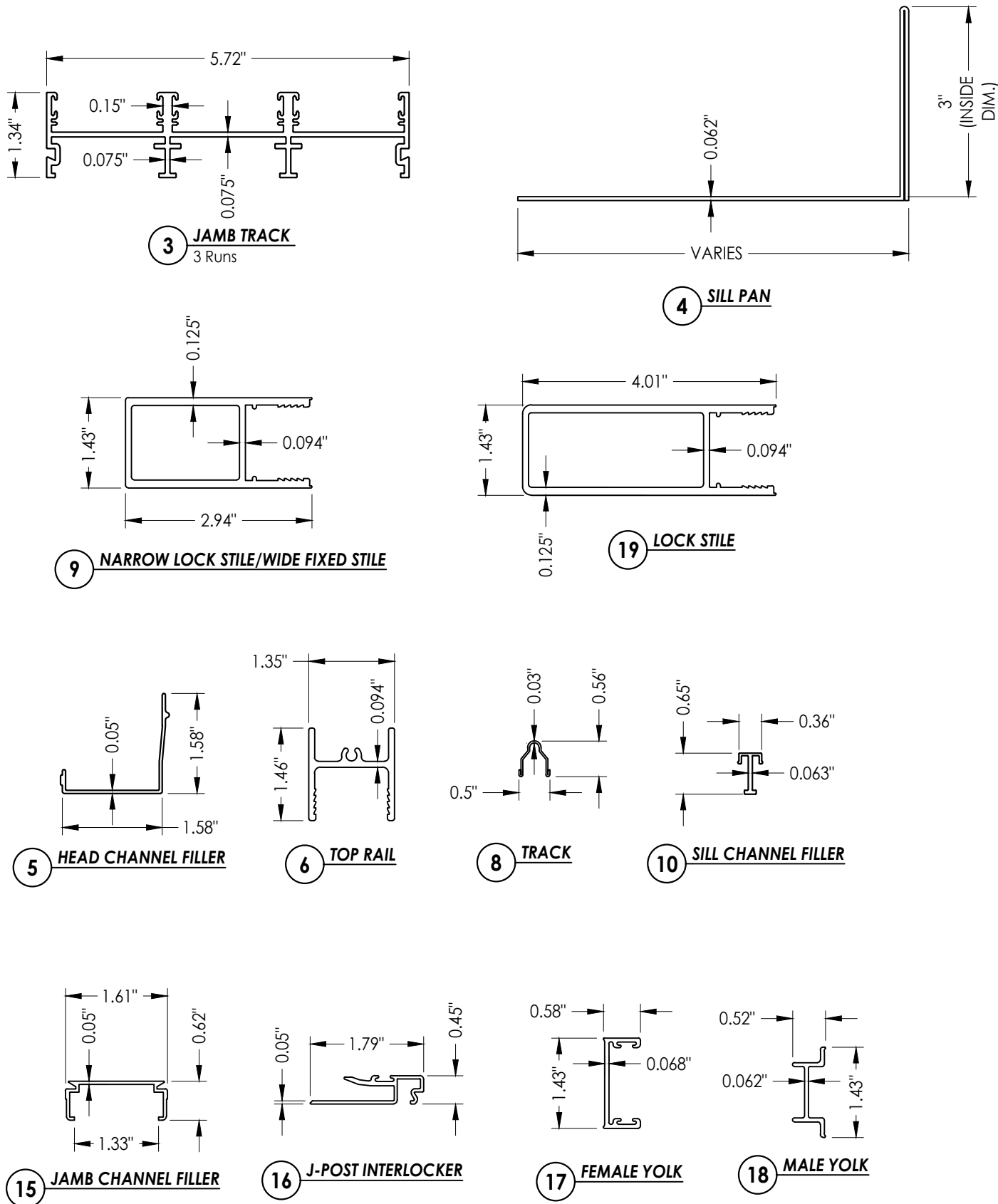
Documents Prepared By:

Lyndon F. Schmidt
P.E. No. 43409

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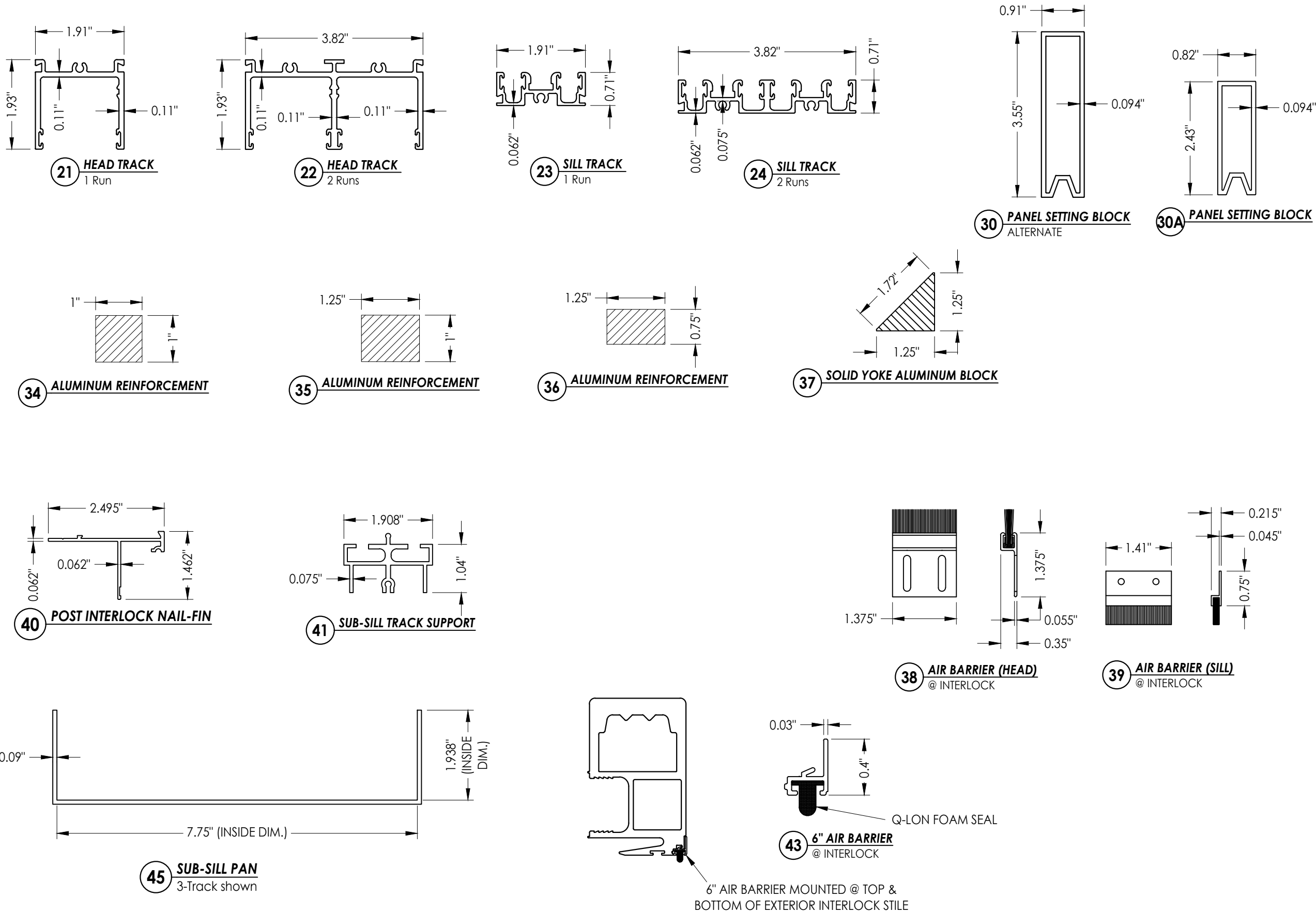
PRODUCT:
FLEETWOOD WINDOWS & DOORS

NO.	DATE	REVISIONS	BY
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	9/11/25	ADD ALTERNATE BOTTOM RAIL	LFS
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DATE: 03/10/16
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CHK. BY: LFS
DRAWING NO.: FL-15560.18
SHEET 9 OF 11

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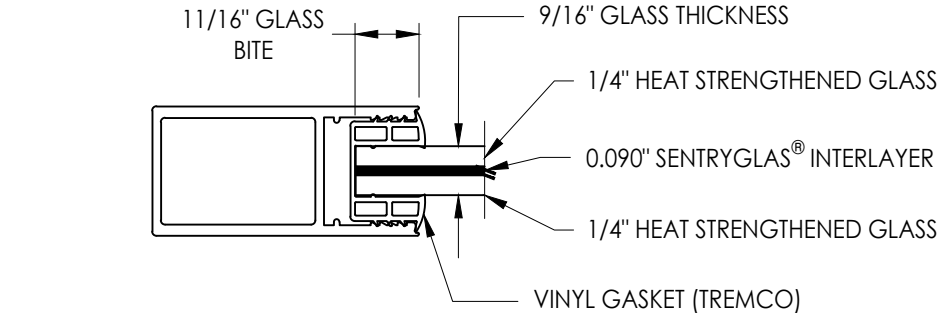
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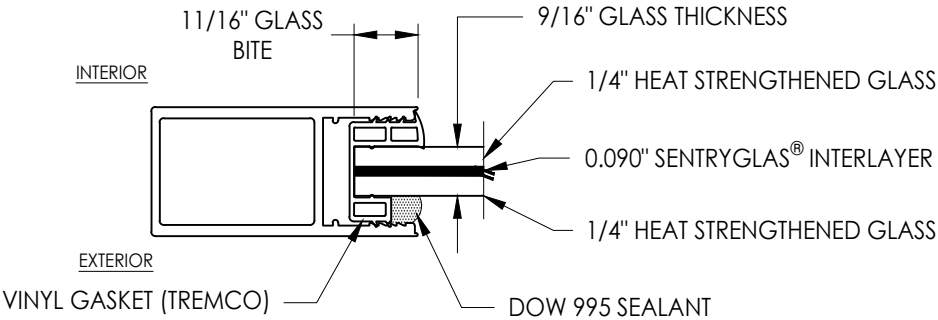
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: FLEETWOOD WINDOWS & DOORS		PART OR ASSEMBLY: COMPONENTS	
5	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
4	9/11/25	ADD ALTERNATE BOTTOM RAIL	LFS
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-15560.18			
SHEET 10 OF 11			

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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 2-1/2" 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
4	SILL PAN (TRIPLE RUN)	5052 -ALUM
5	HEAD CHANNEL FILLER	6063-T6 ALUM
6	TOP RAIL	6063-T6 ALUM
7	BOTTOM RAIL (ALTERNATE)	6063-T6 ALUM
7A	BOTTOM RAIL	6063-T6 ALUM
8	TRACK	S.S.
9	NARROW LOCK STILE/WIDE FIXED STILE	6063-T6 ALUM
10	SILL CHANNEL FILLER	6063-T6 ALUM
11	POCKET INTERLOCK	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	J-POST INTERLOCKER	6063-T6 ALUM
17	FEMALE YOLK	6063-T6 ALUM
18	MALE YOLK	6063-T6 ALUM
19	LOCK STILE	6063-T6 ALUM
20	HIGH PERFORMANCE ADAPTER	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 (ALTERNATE)	6063-T6 ALUM
30A	PANEL SETTING BLOCK	6063-T6 ALUM
31	MAMMOTH ROLLER ASSEMBLY (ALTERNATE)	-
31A	A2 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
36	0.75" X 1.25" ALUMINUM REINFORCEMENT	6061-T6 ALUM
37	SOLID YOKE ALUMINUM BLOCK	6061-T6 ALUM
38	AIR BARRIER (HEAD)	-
39	AIR BARRIER (SILL)	-
40	POST INTERLOCK NAIL-FIN	6063-T6 ALUM
41	SUB-SILL TRACK SUPPORT	6063-T6 ALUM
42	#8 X 1" PFH TEK SCREW	STEEL
43	6" AIR BARRIER (INTERLOCK)	-
44	Q-LON FOAM SEAL	-
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.

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 & GLAZING DETAILS		
5	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
4	9/11/25	ADD ALTERNATE BOTTOM RAIL		LFS
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-15560.18				
SHEET 11 OF 11				