

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-17954 R8 Side Hinged Door\FL-17954.1.3.4.6.7.dwg



Series 3900-T

Aluminum Side Hinged Single Door w/ Sidelites

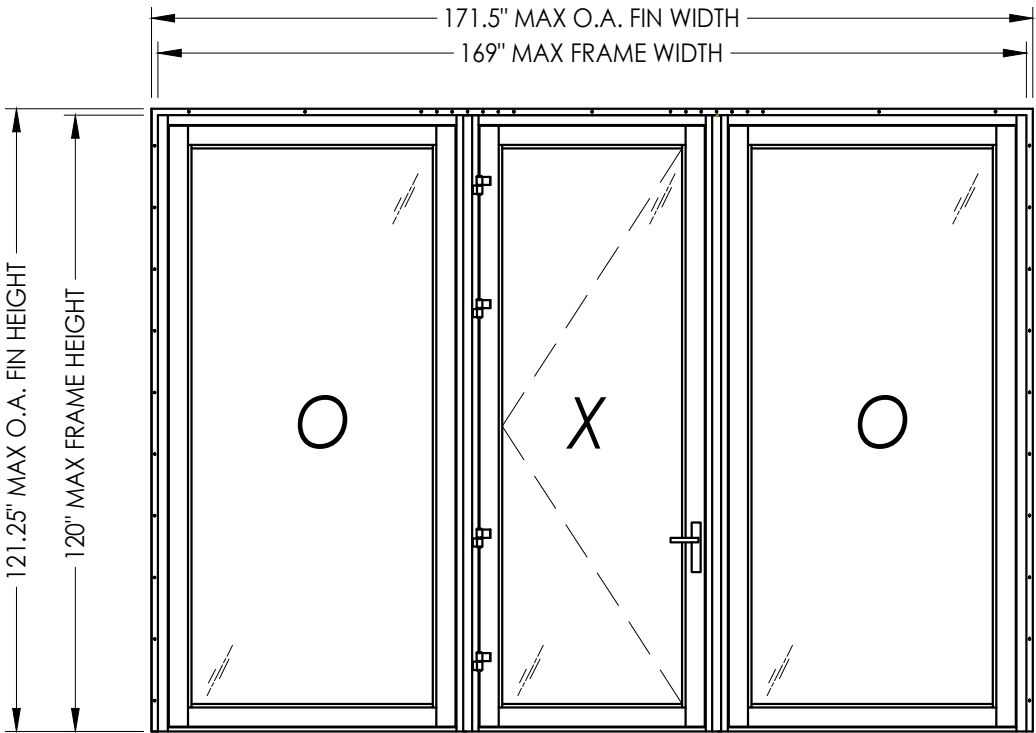
Inswing/Outswing

"IMPACT"

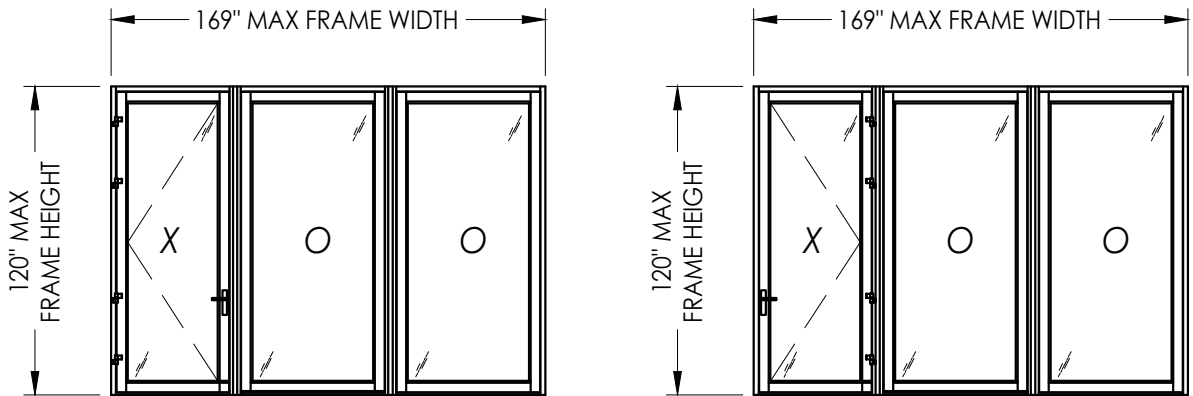
GENERAL NOTES

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.

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1	Typical elevations, design pressures and general notes
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8	Vertical cross sections
9	Fin horizontal and vertical cross sections
10	Buck anchoring
11	Frame anchoring
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13	Bill of materials and components

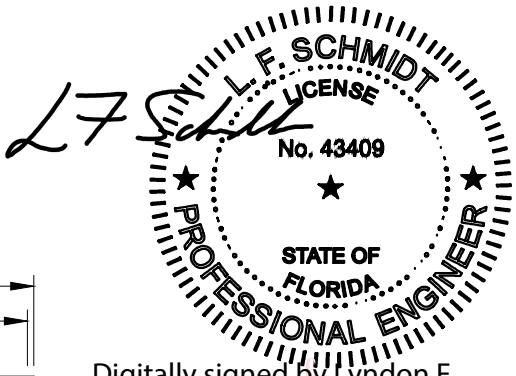


FIN MOUNT



FRAME MOUNT

MAX O.A FIN DIMENSION	MAX O.A. FRAME DIMENSION	MAX DOOR D.L.O. DIMENSION	MAX SIDELITE D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
171.5" X 121.25"	169.0" X 120.0"	35.0" X 108.0"	47.0" X 108.0"	G1, G2, G3, G4	+65.0	-65.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.06 07:39:49 -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

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

PRODUCT:
FLEETWOOD WINDOWS AND DOORS

DATE: 7/22/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-17954.3

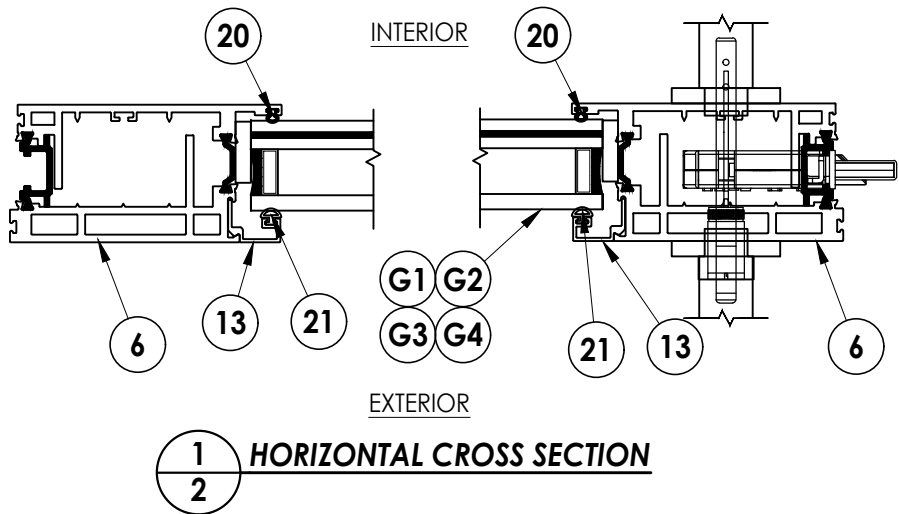
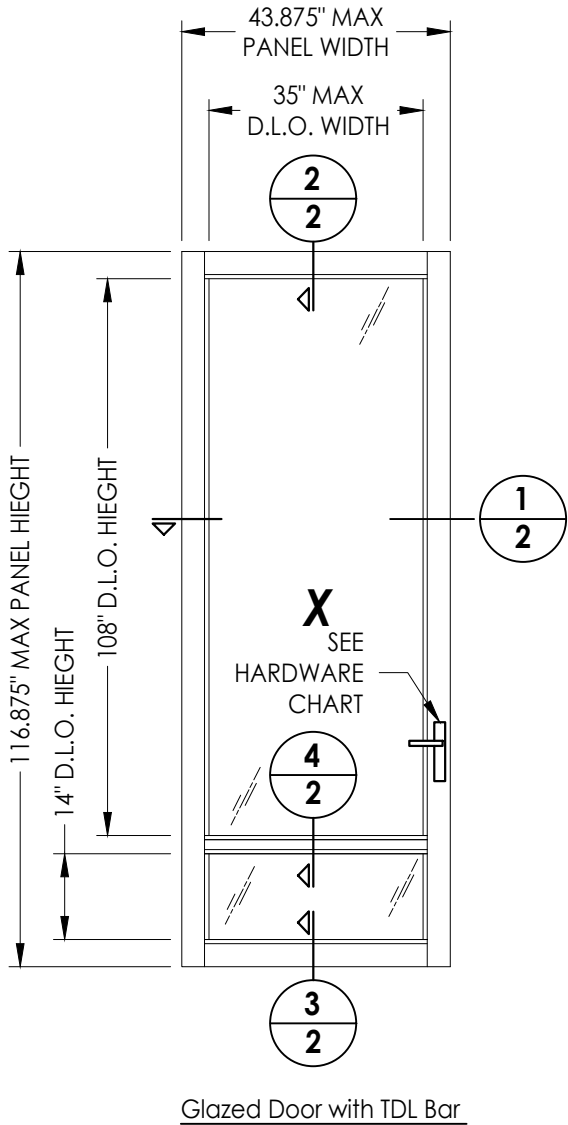
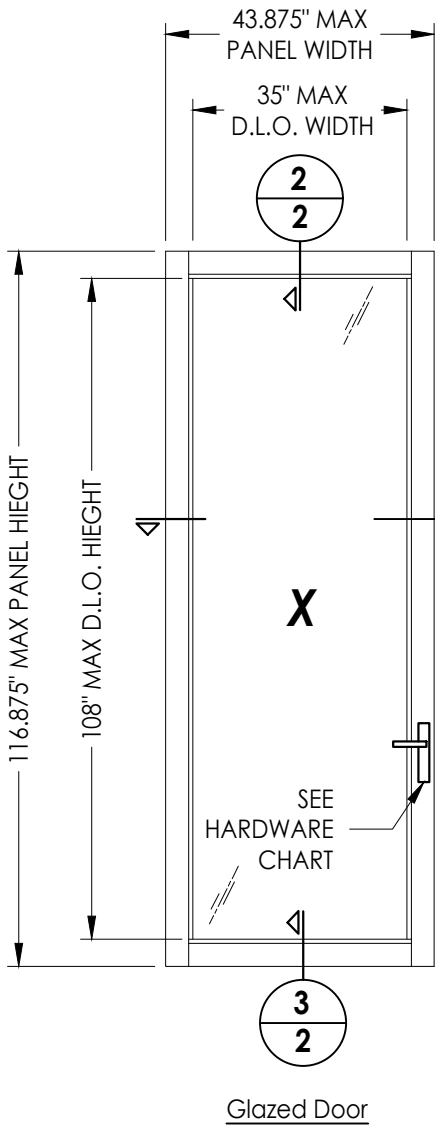
SHEET 1 OF 13

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

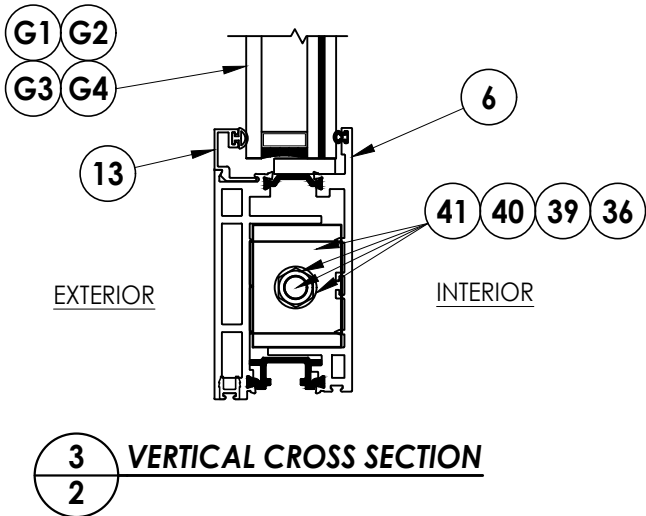
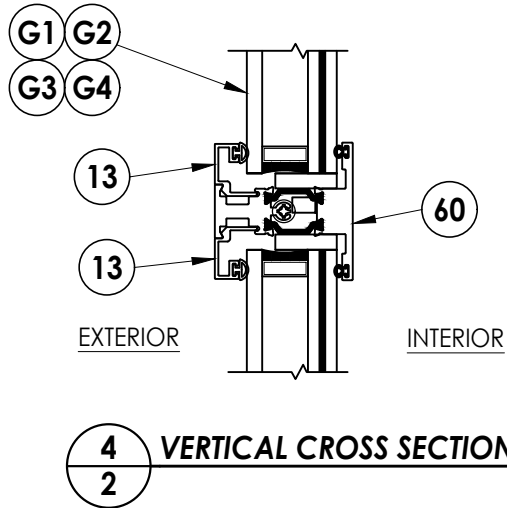
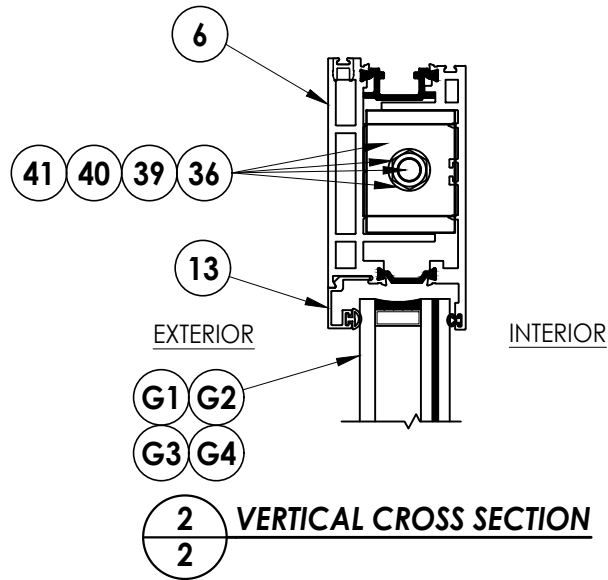
REVISIONS

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

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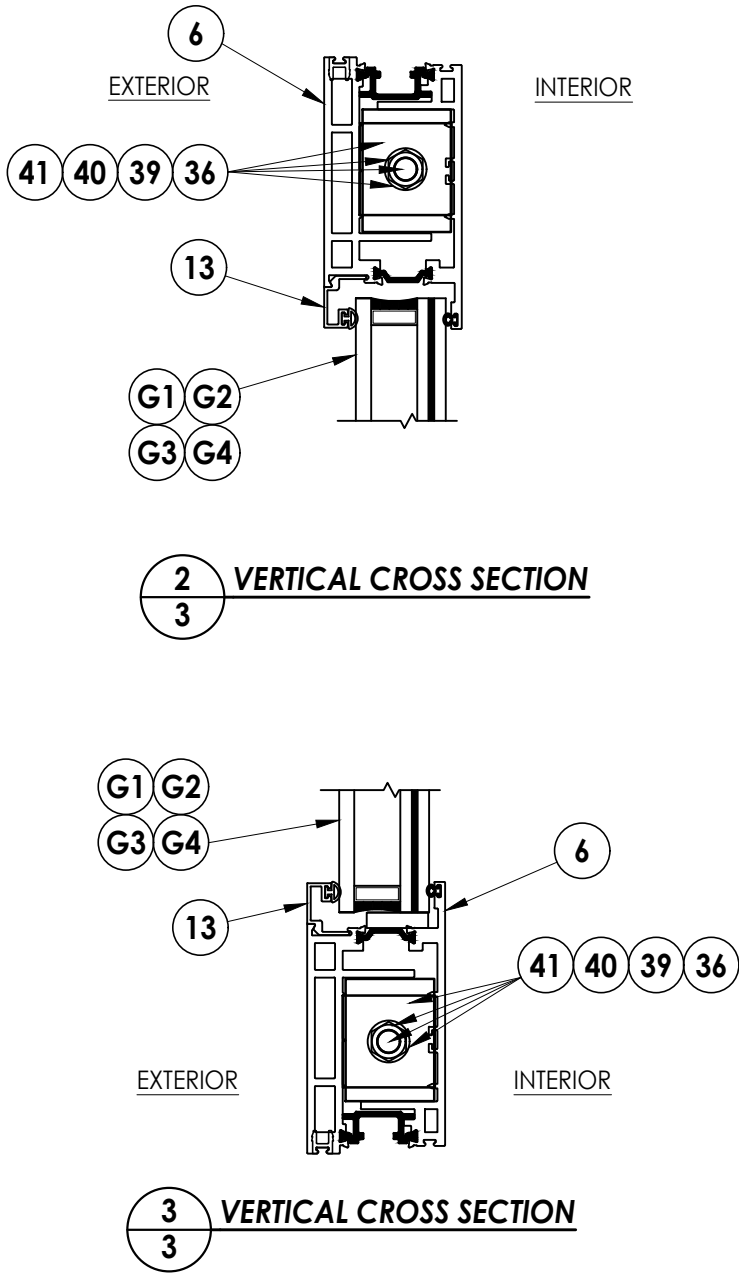
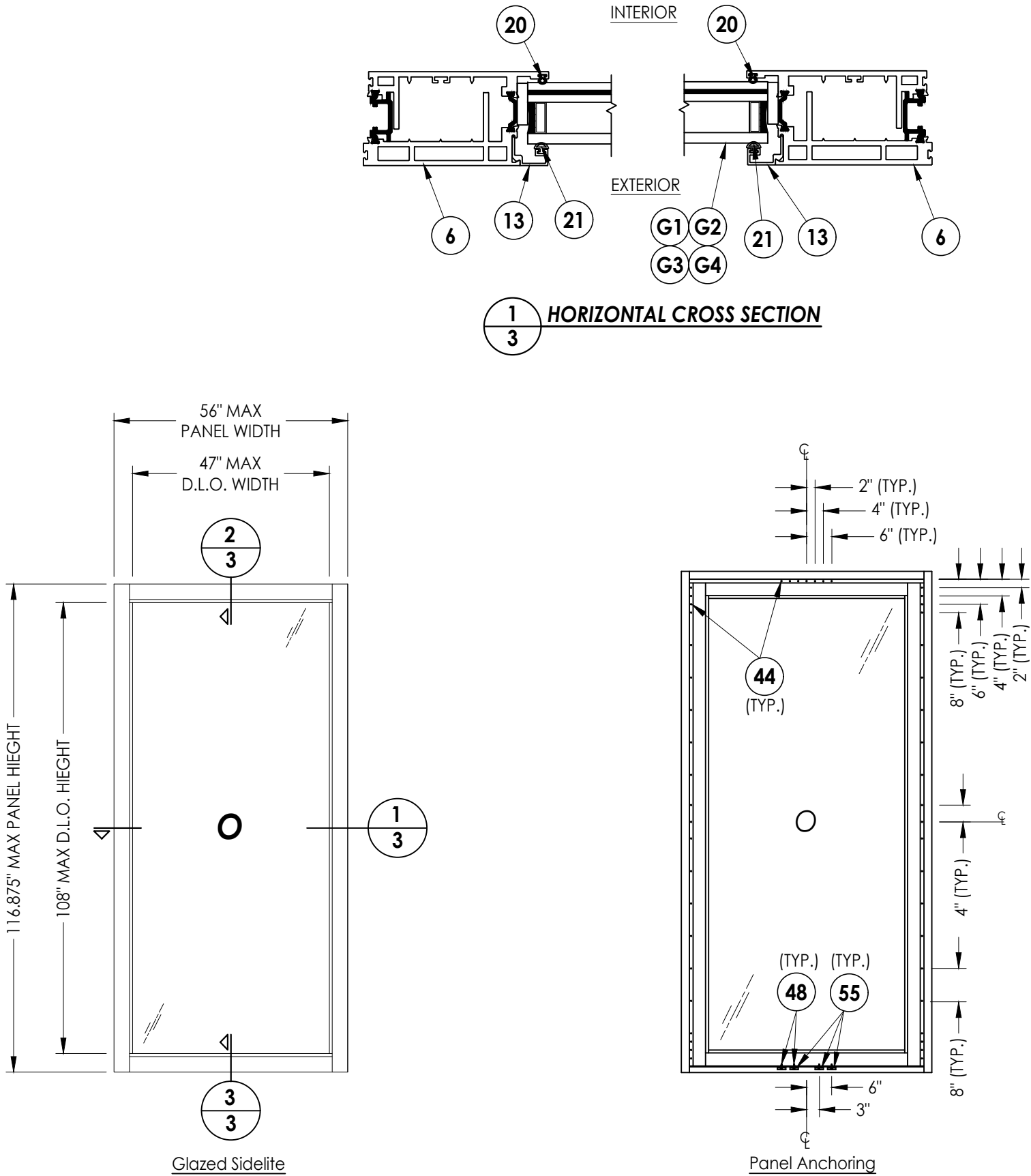


HARDWARE TABLE	
MANUFACTURER	MODEL
TRUTH	MULTI-POINT LOCK: 5 POINT LOCK



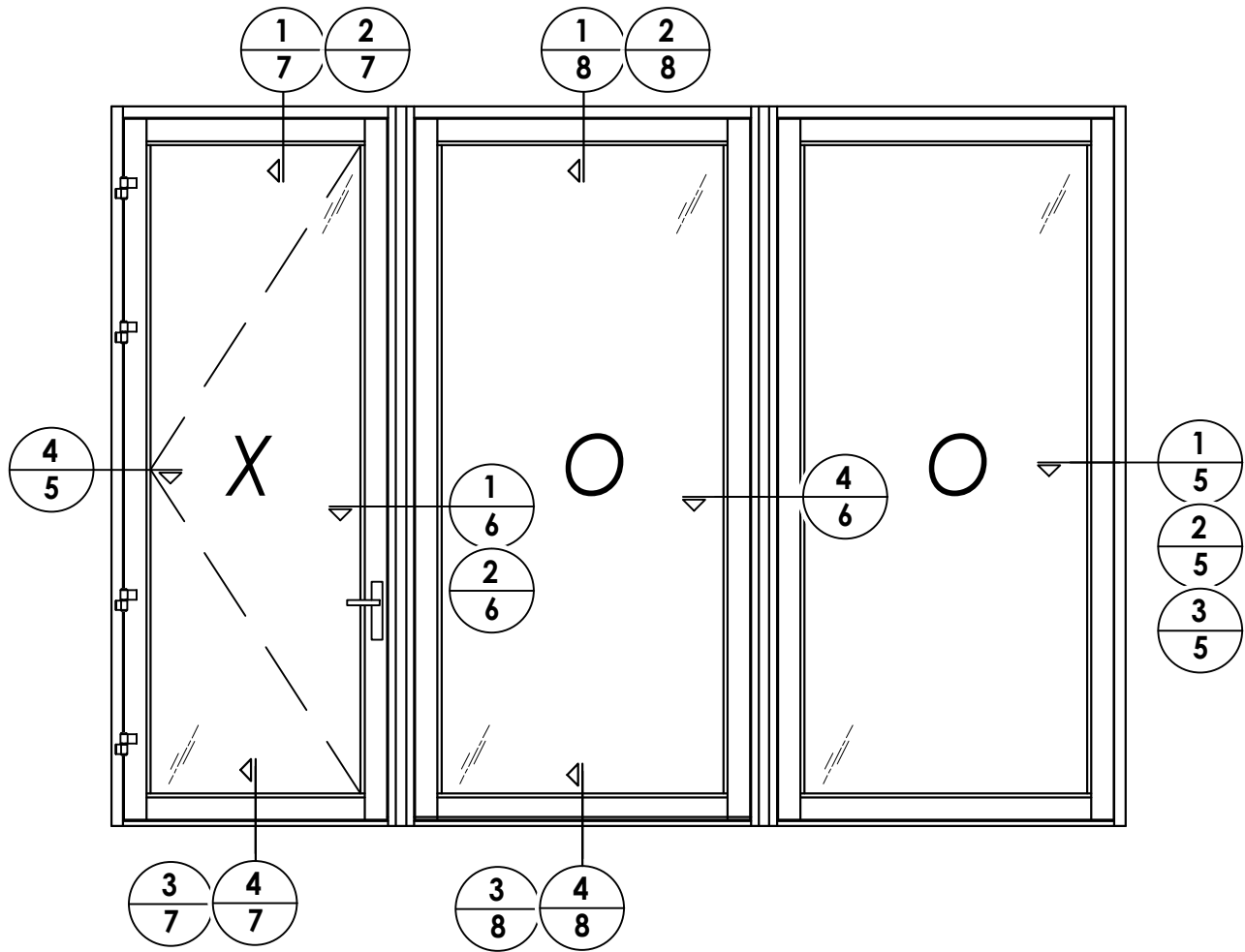
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: FLEETWOOD WINDOWS AND DOORS		PART OR ASSEMBLY: DOOR PANEL DETAILS	
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
3	7/11/23	UPDATE TO 8TH ED. (2023) FBC	LFS
2	8/11/20	UPDATE TO 7th ED. (2020) FBC	DAC
1	08/07/17	UPDATE TO 6TH ED. (2017) FBC	LFS
NO.	DATE		BY
REVISIONS			
DATE: 7/22/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17954.3			
SHEET 2 OF 13			

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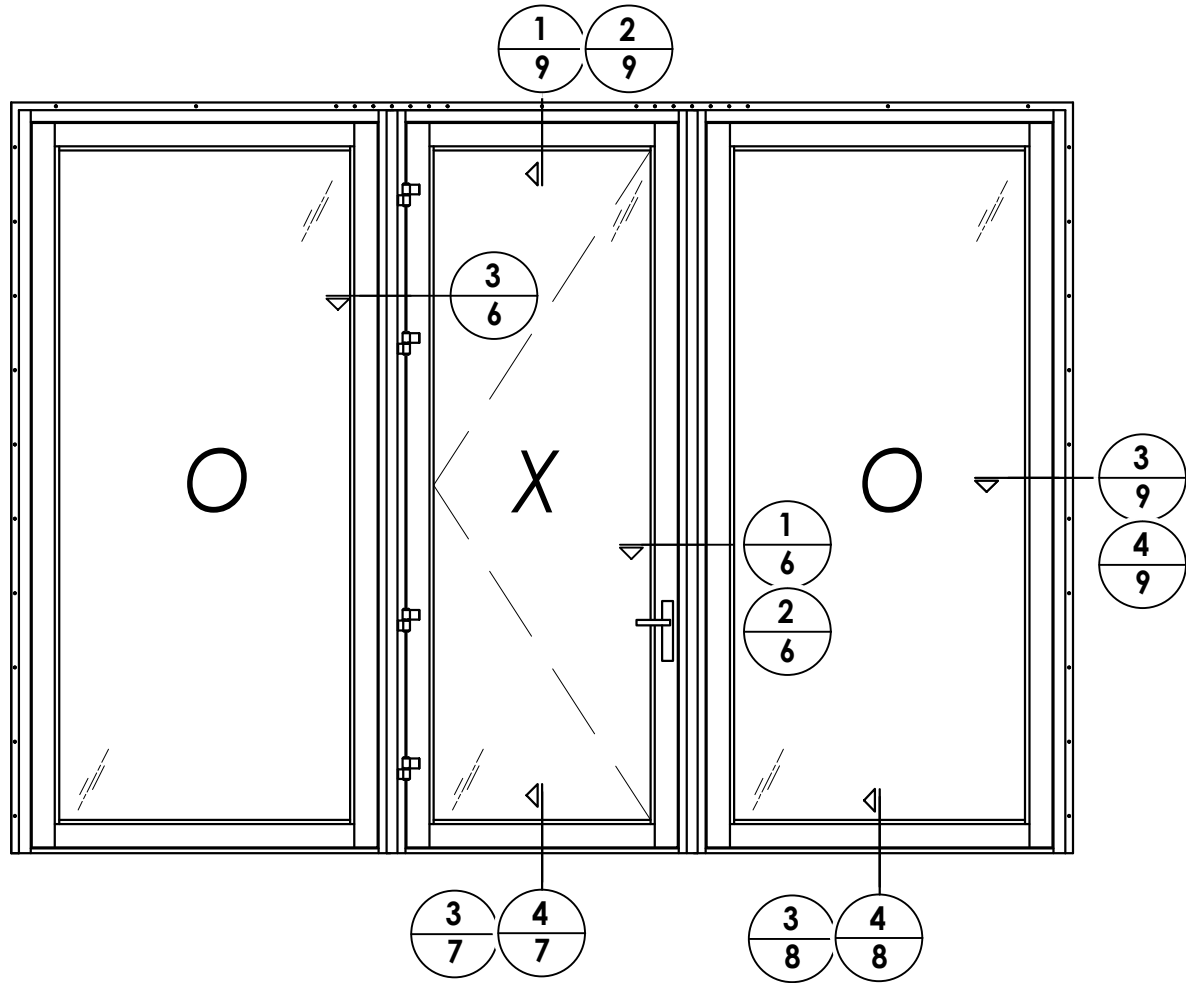


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813			
PRODUCT: FLEETWOOD WINDOWS AND DOORS				PART OR ASSEMBLY: SIDELITE PANEL DETAILS			
4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS			
3	7/11/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
2	8/11/20	UPDATE TO 7th ED. (2020)	FBC	DAC			
1	08/07/17	UPDATE TO 6TH ED. (2017)	FBC	LFS			
NO.	DATE			BY			
				REVISIONS			
DATE: 7/22/15							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-17954.3							
SHEET 3 OF 13							

Z:\2023 EBC Drawings\Fleetwood Windows & Doors\FL-17954 R8 Side Hinged Door\EL-17954.1 3.4.6.7.dwg



FRAME MOUNT
XOO Shown



FIN MOUNT
OXO Shown

NO.	DATE	REVISIONS			
4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
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2	8/11/20	UPDATE TO 7th ED. (2020)	FBC	DAC	
1	08/07/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	

DATE: 7/22/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17954.3

SHEET 4 OF 13

PRODUCT:
FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:

ELEVATIONS

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Lyndon F. Schmidt
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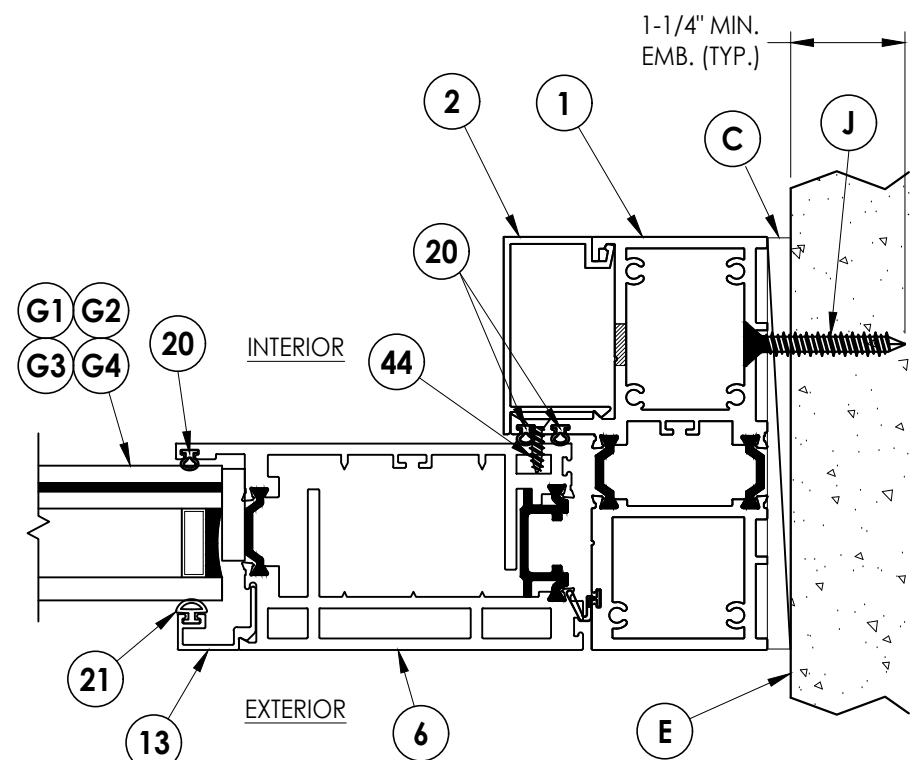
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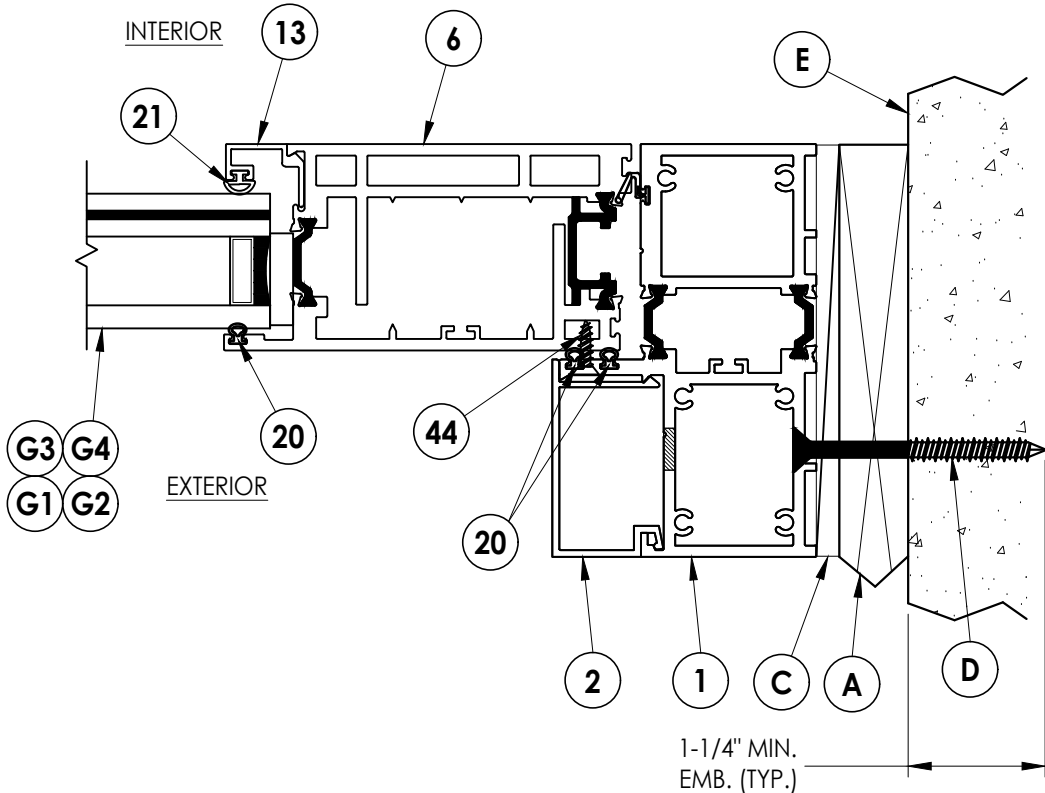
Phone No.: 813.659.9197

FBPE Registry No. 9813



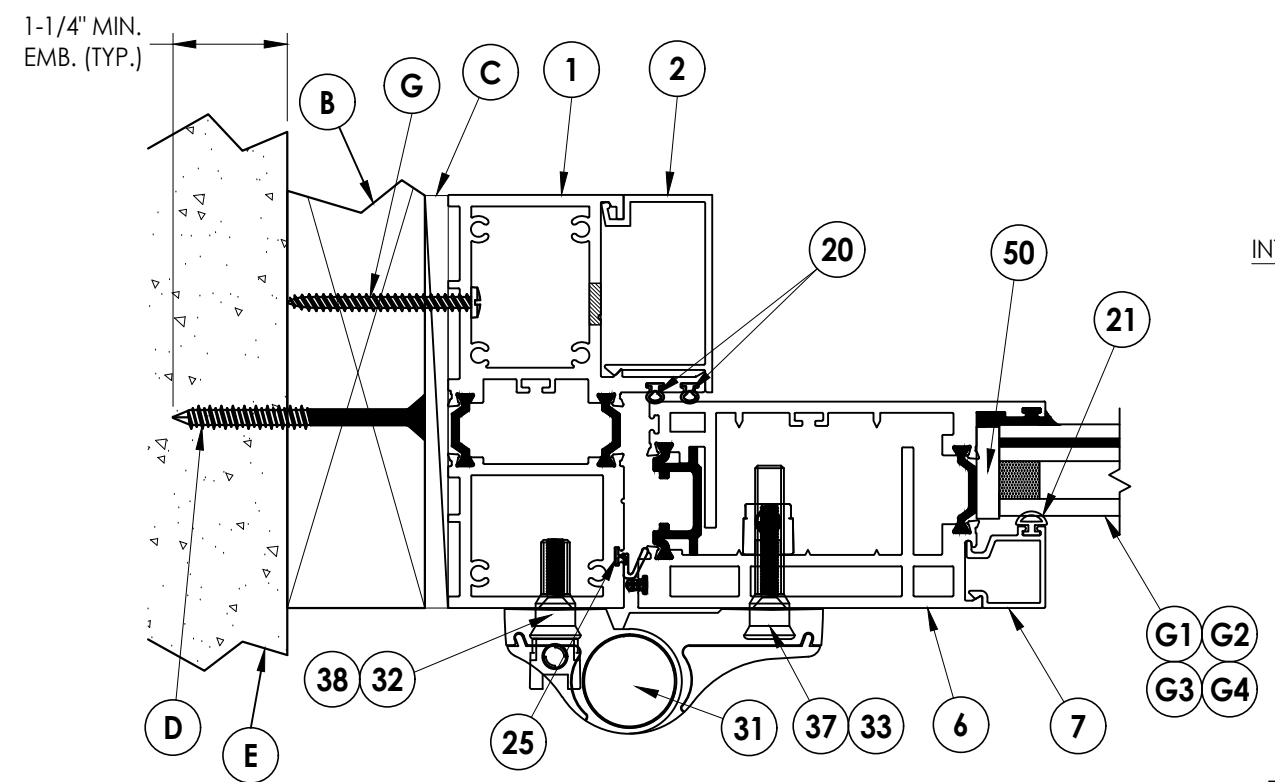
1 **HORIZONTAL CROSS SECTION**

5 Direct to Masonry Outswing Shown (Inswing Similar)

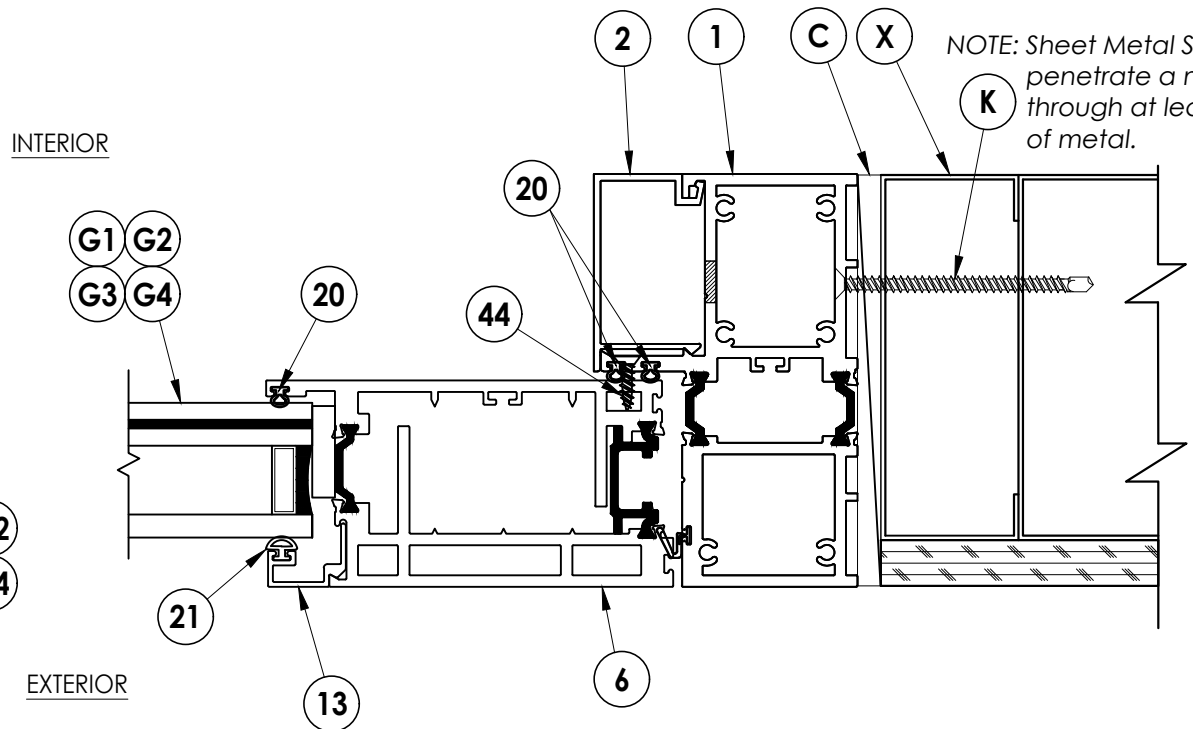


2 **HORIZONTAL CROSS SECTION**

5 1X Buck Construction Inswing Shown (Outswing Similar)



4 5 **HORIZONTAL CROSS SECTION**

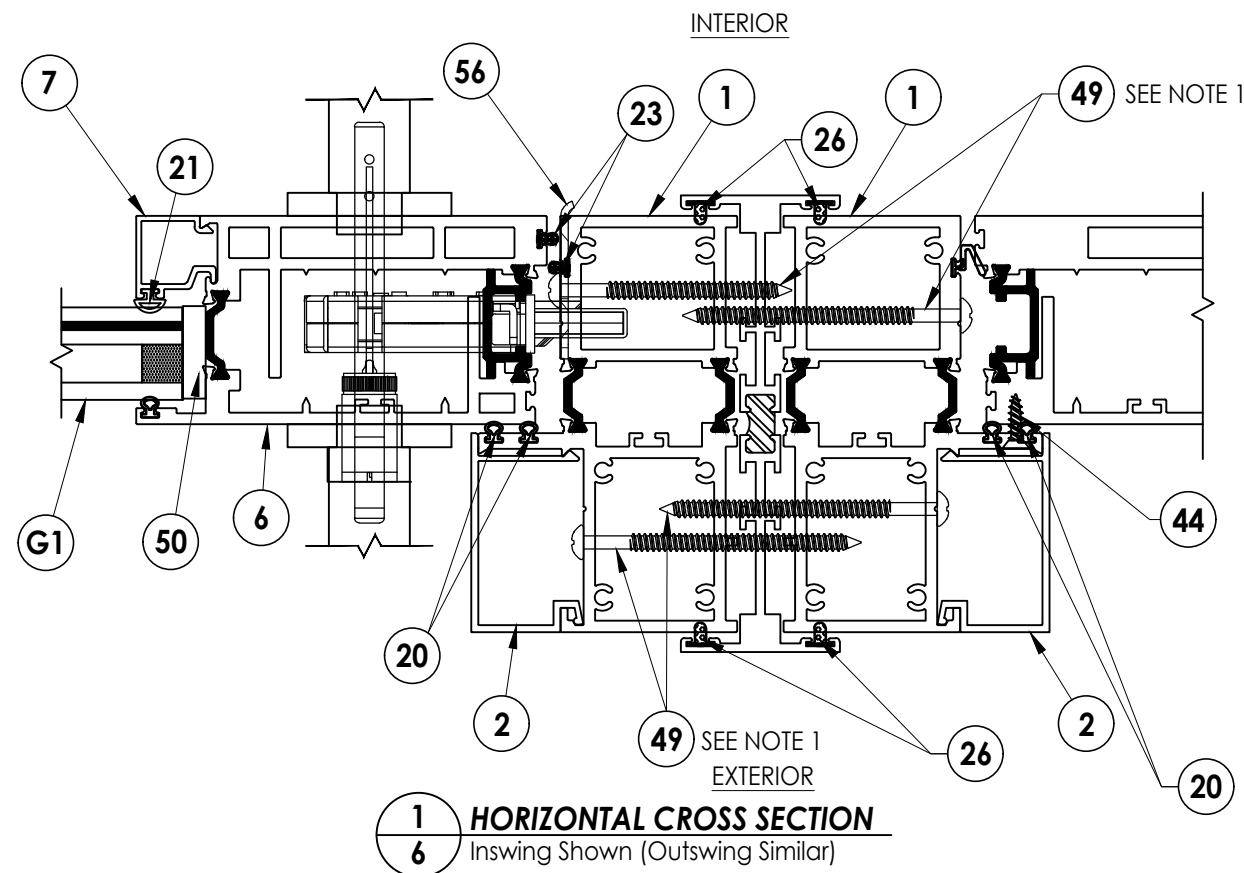


3 **HORIZONTAL CROSS SECTION**

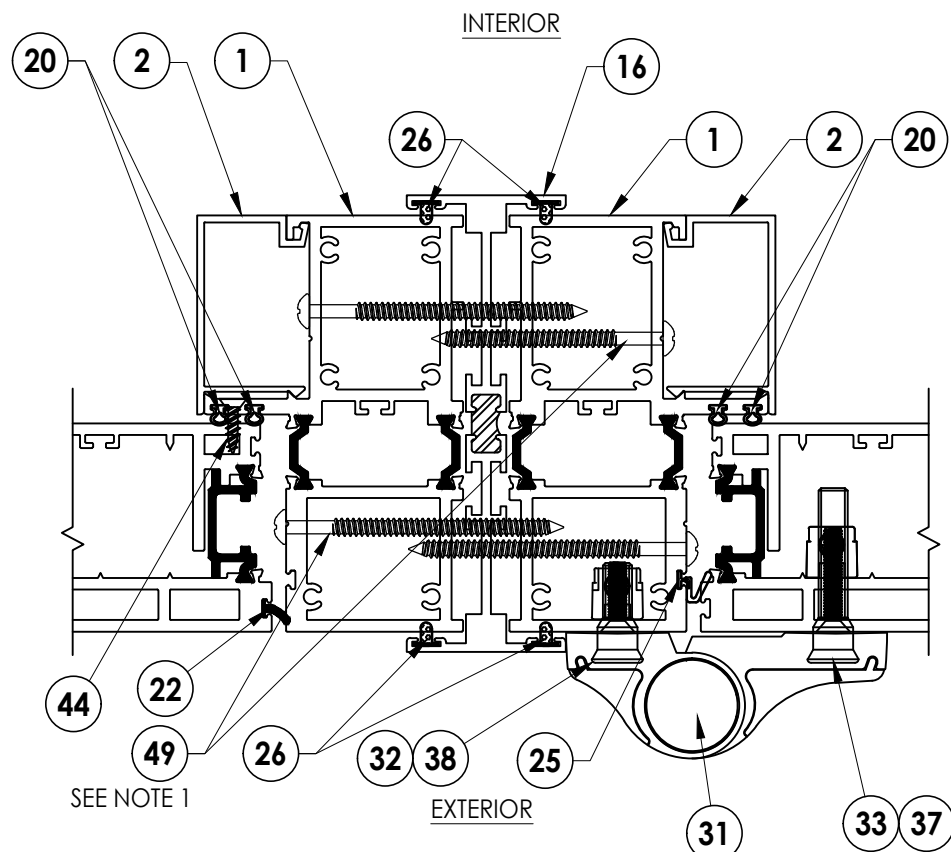
5 Metal Stud Construction
Outswing Shown (Inswing Similar)

NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal.

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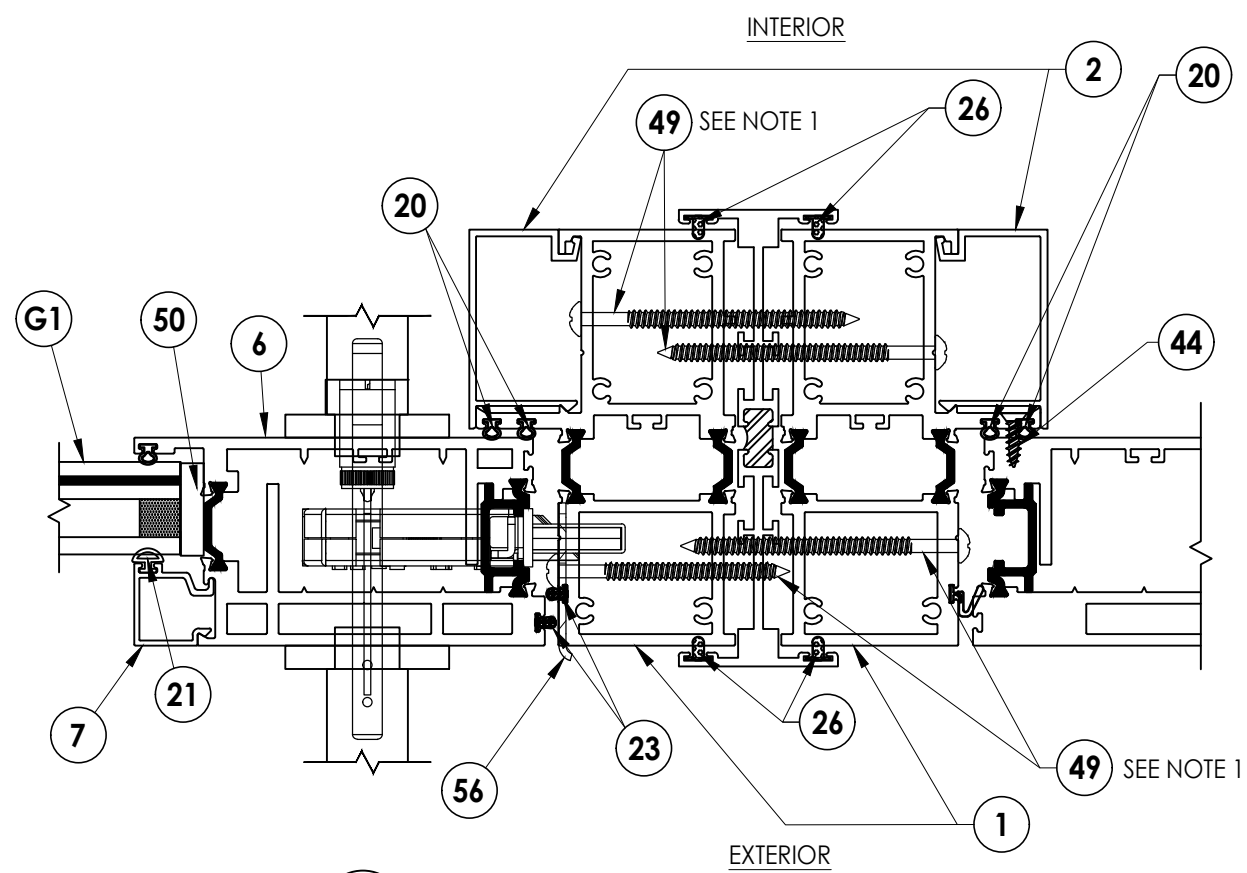


1 6 **HORIZONTAL CROSS SECTION** Inswing Shown (Outswing Similar)

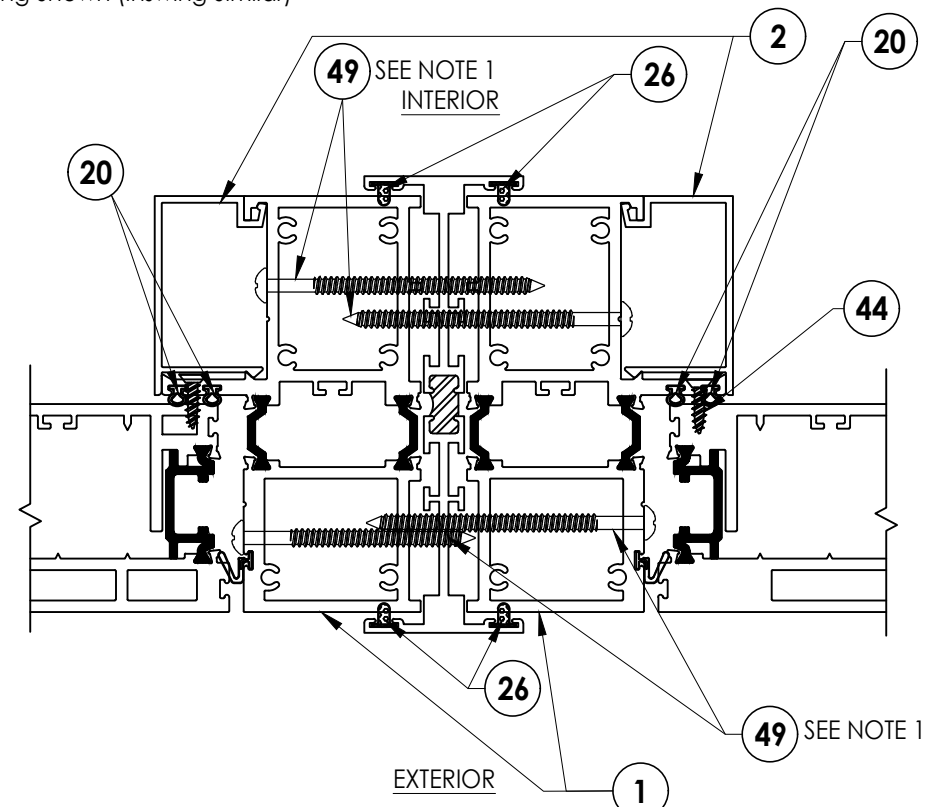


3 **HORIZONTAL CROSS SECTION**
6 Outswing Shown (Inswing Similar)

NOTE:
1. Item #42 located 6" from
each end then 12" on center.



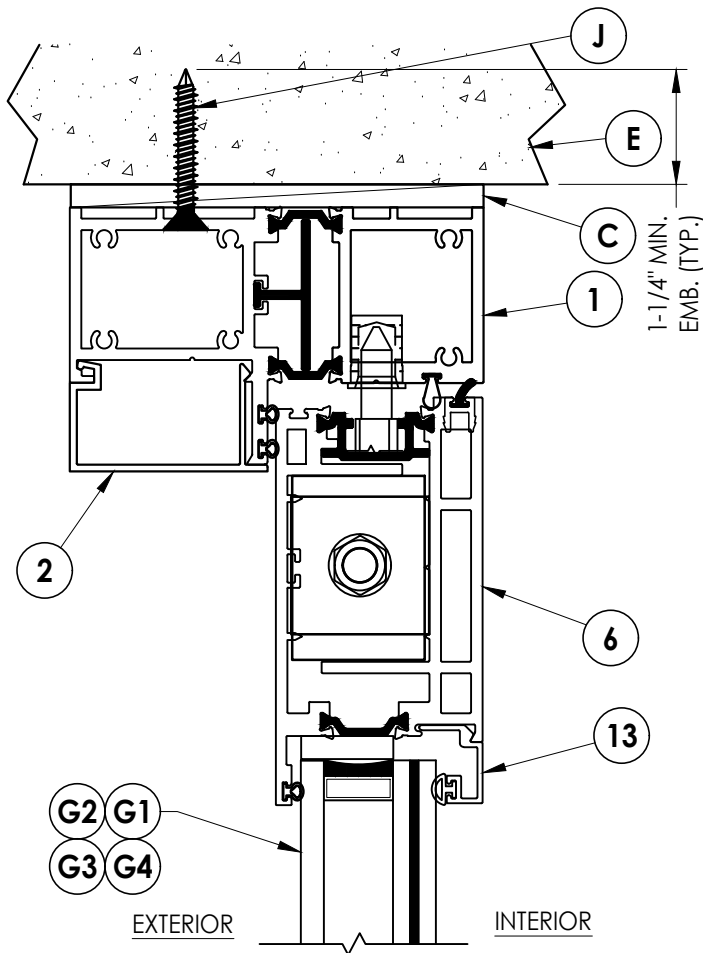
2 **HORIZONTAL CROSS SECTION**
6 Outswing Shown (Inswing Similar)



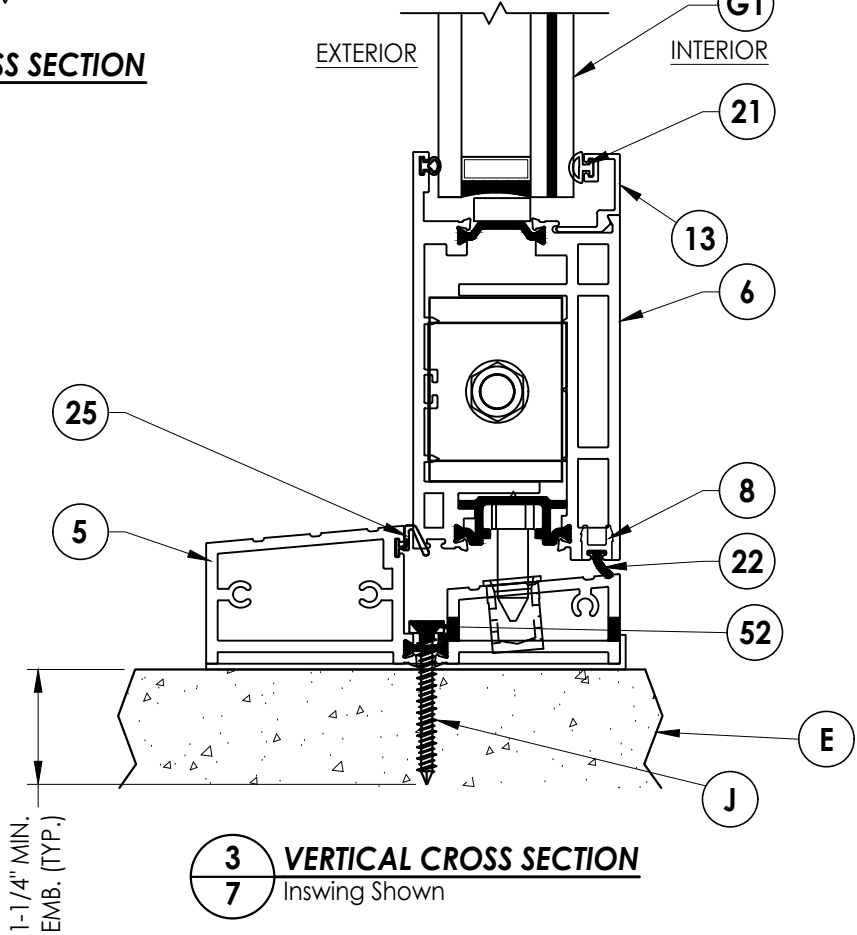
4 **HORIZONTAL CROSS SECTION**
6 Outswing Shown (Inswing Similar)

DATE: 7/22/15		DOCUMENTS PREPARED BY: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		 BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17954.3			
SHEET 6 OF 13			

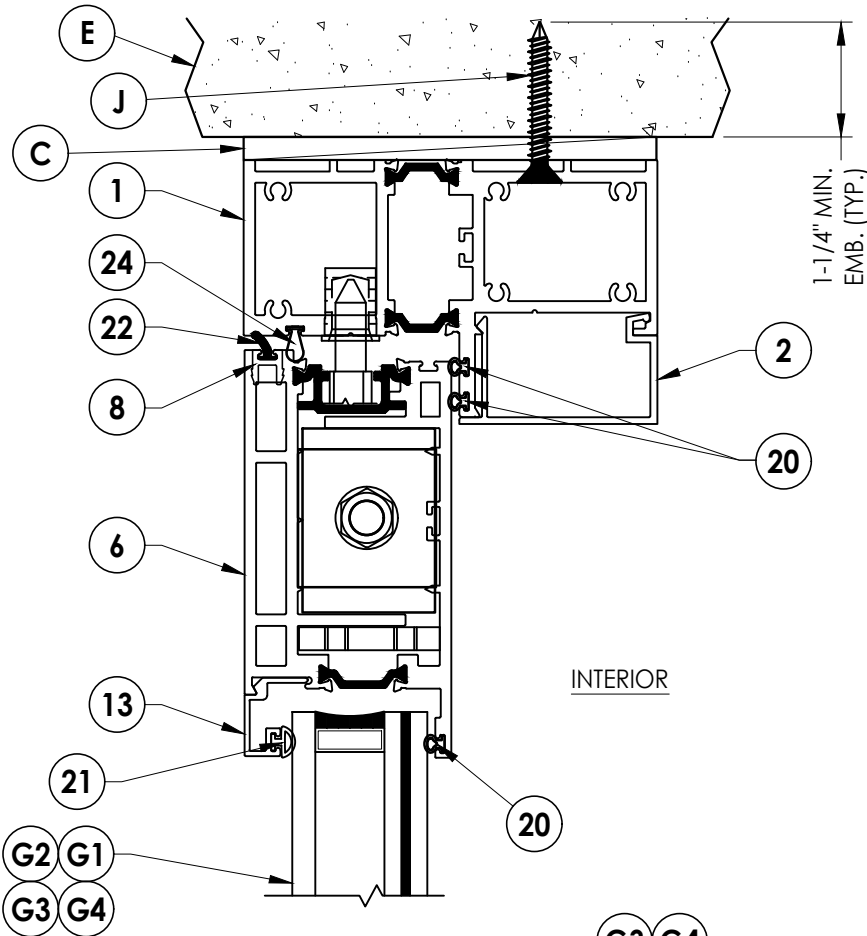
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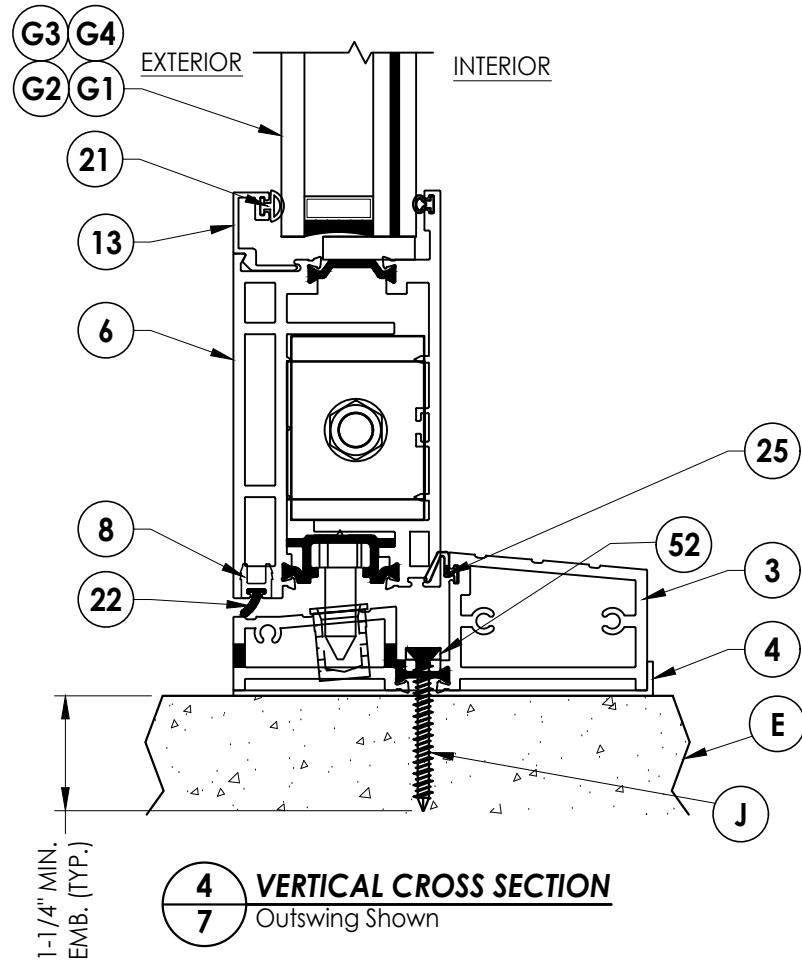
1
7 VERTICAL CROSS SECTION
Inswing Shown



3
7 VERTICAL CROSS SECTION
Inswing Shown



2
7 VERTICAL CROSS SECTION
Outswing Shown



4
7 VERTICAL CROSS SECTION
Outswing Shown

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

FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS			
		DATE	BY	CHK.	APP.
4	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS	
3	7/11/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
2	8/11/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
1	08/07/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	

DATE: 7/22/15

SCALE: N.T.S.

DWG. BY: JK

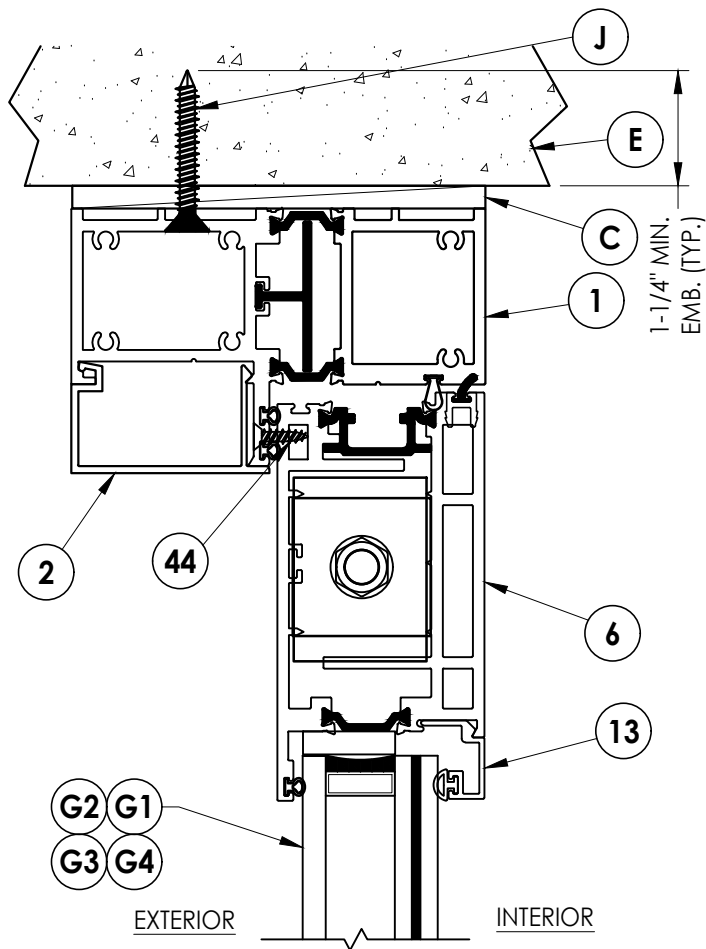
CHK. BY: LFS

DRAWING NO.:

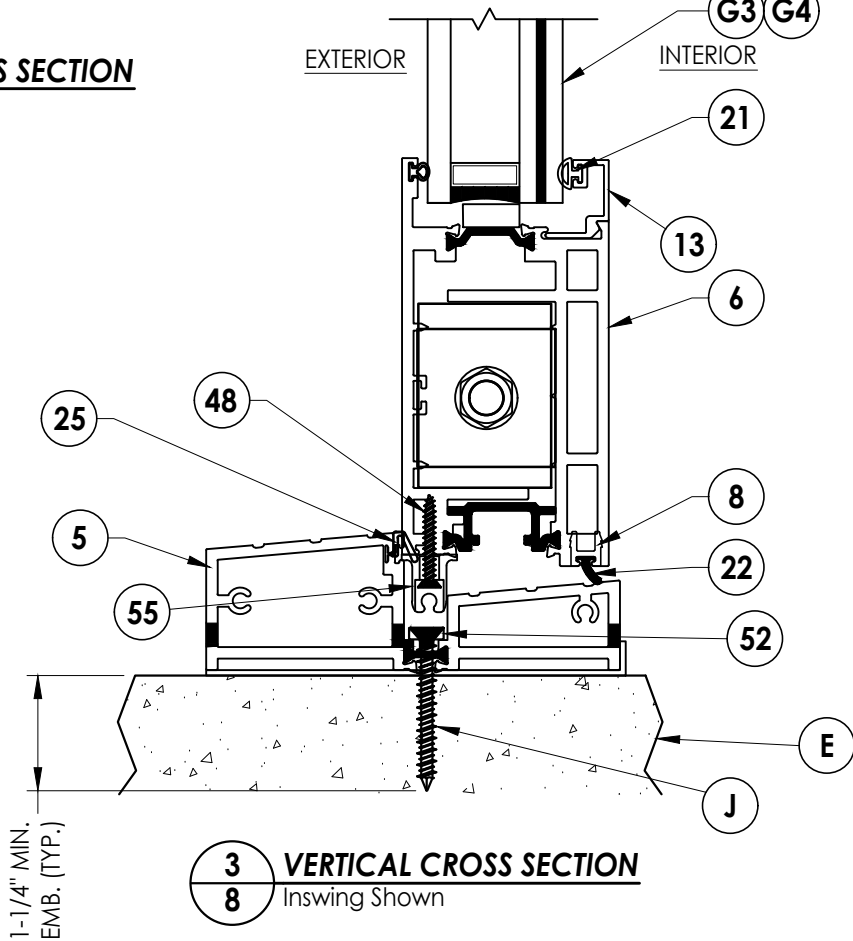
FL-17954.3

SHEET 7 OF 13

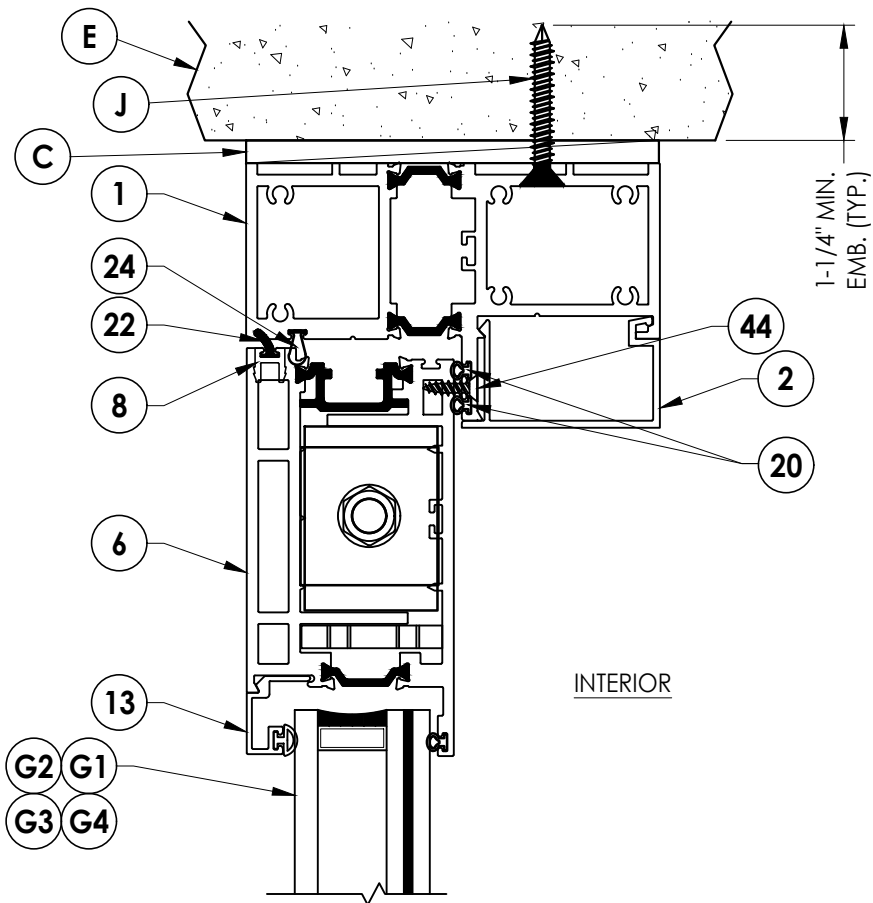
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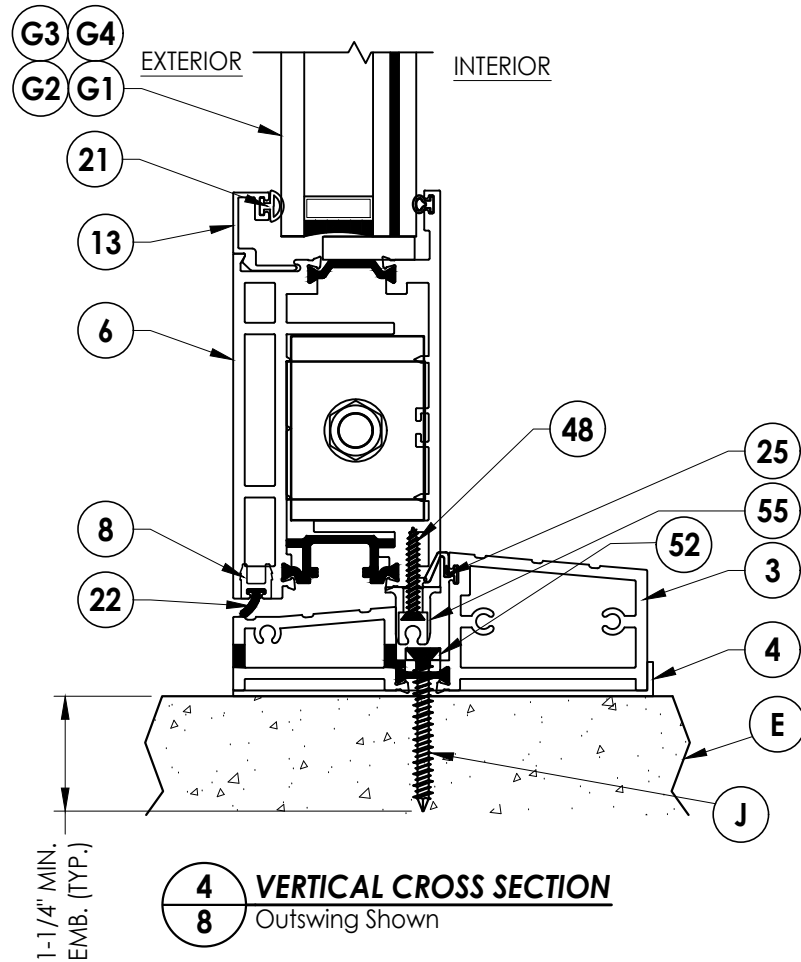
1 **VERTICAL CROSS SECTION**
8 Inswing Shown



3 **VERTICAL CROSS SECTION**
8 Inswing Shown



2 **VERTICAL CROSS SECTION**
8 Outswing Shown



4 **VERTICAL CROSS SECTION**
8 Outswing Shown

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

FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	7/11/23	UPDATE TO 8TH ED. (2023) FBC LFS
2	8/11/20	UPDATE TO 7TH ED. (2020) FBC DAC
1	08/07/17	UPDATE TO 6TH ED. (2017) FBC LFS

DATE: 7/22/15

SCALE: N.T.S.

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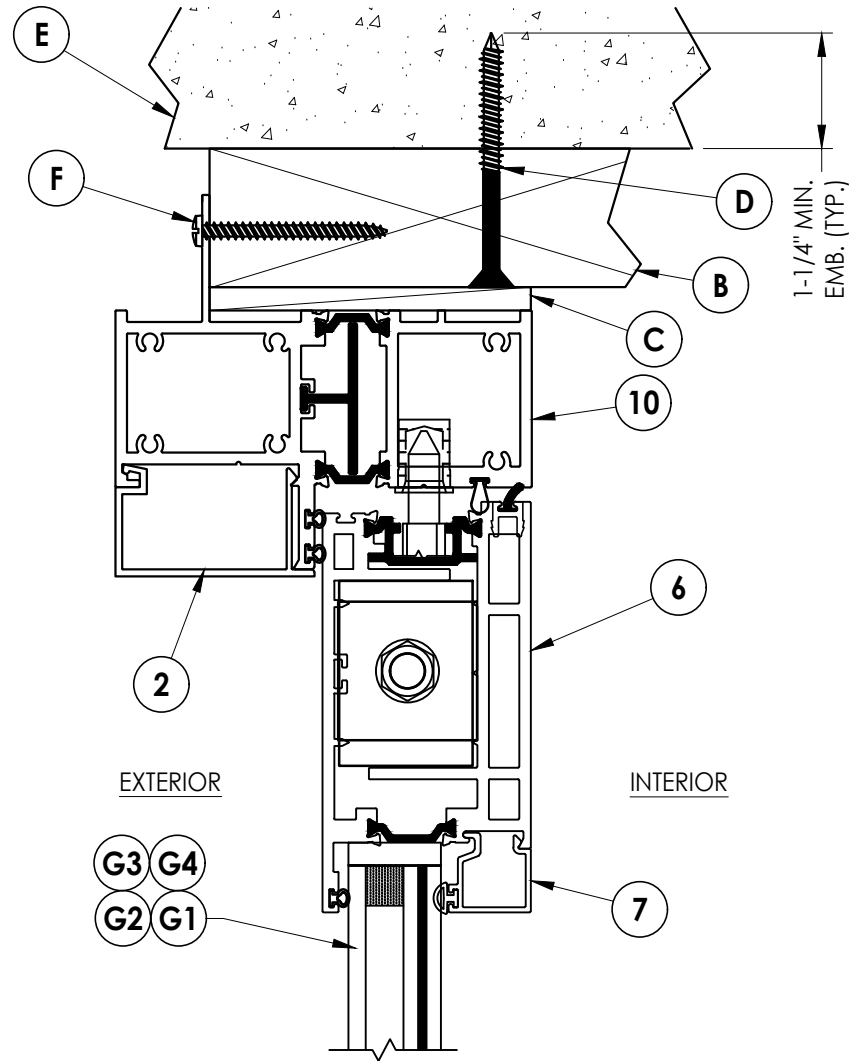
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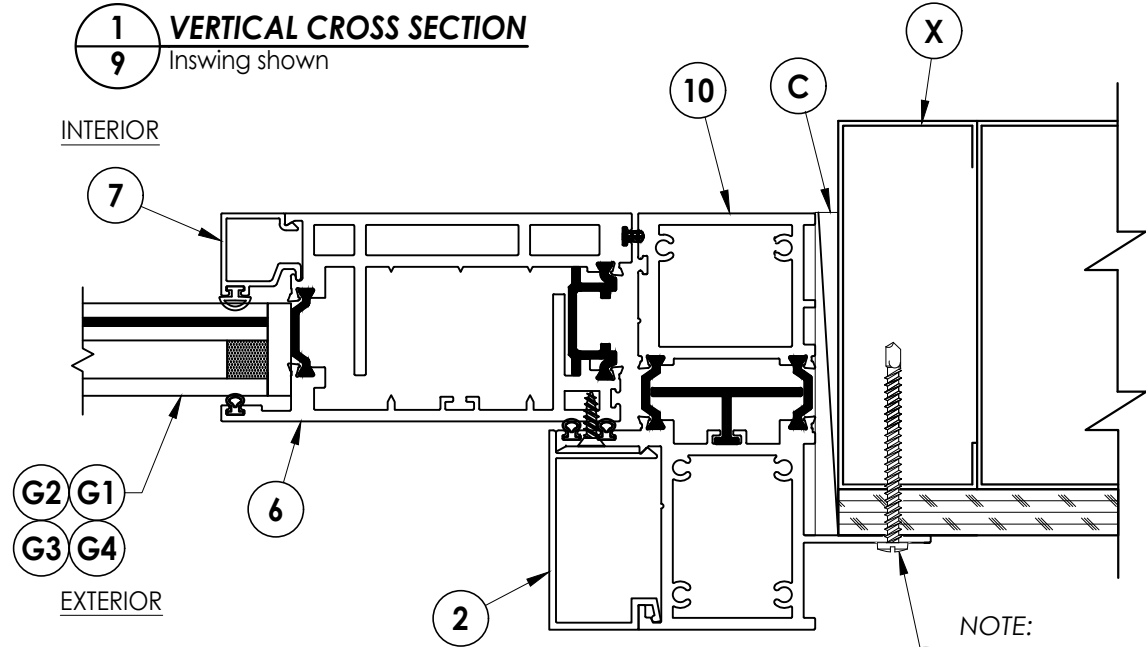
FL-17954.3

SHEET 8 OF 13

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-17954 R8 Side Hinged Door\FL-17954.1.3.4.6.7.dwg



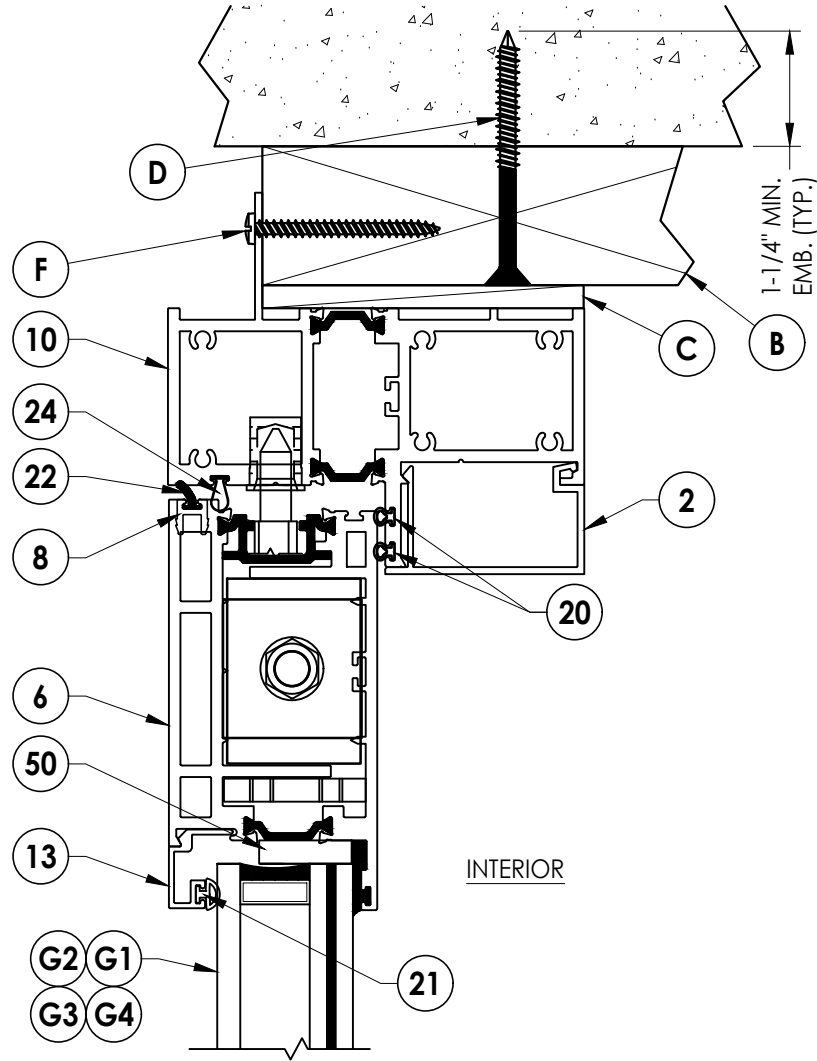
1 **VERTICAL CROSS SECTION**
9 Inswing shown



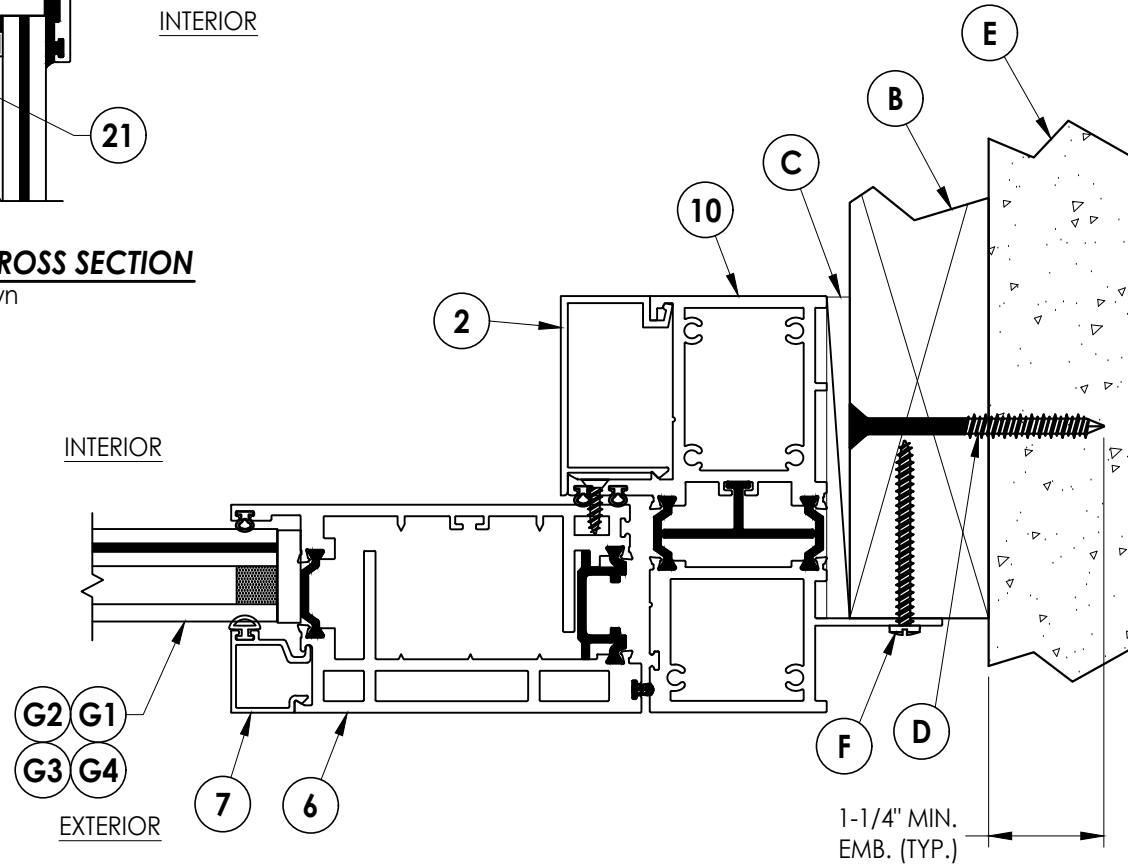
3 **HORIZONTAL CROSS SECTION**
9 Steel Stud Construction
Inswing shown

NOTE:
Sheet Metal Screws must
penetrate a min. of 3 threads
through metal stud.

K



2 **VERTICAL CROSS SECTION**
9 Outswing shown



4 **HORIZONTAL CROSS SECTION**
9 2X Buck Construction
Outswing shown

Documents Prepared By:
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P.E. No. 43409

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FBPE Registry No. 9813

FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:
FIN HORIZONTAL AND VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
3	7/11/23	UPDATE TO 8TH ED. (2023) FBC LFS
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DATE: 7/22/15

SCALE: N.T.S.

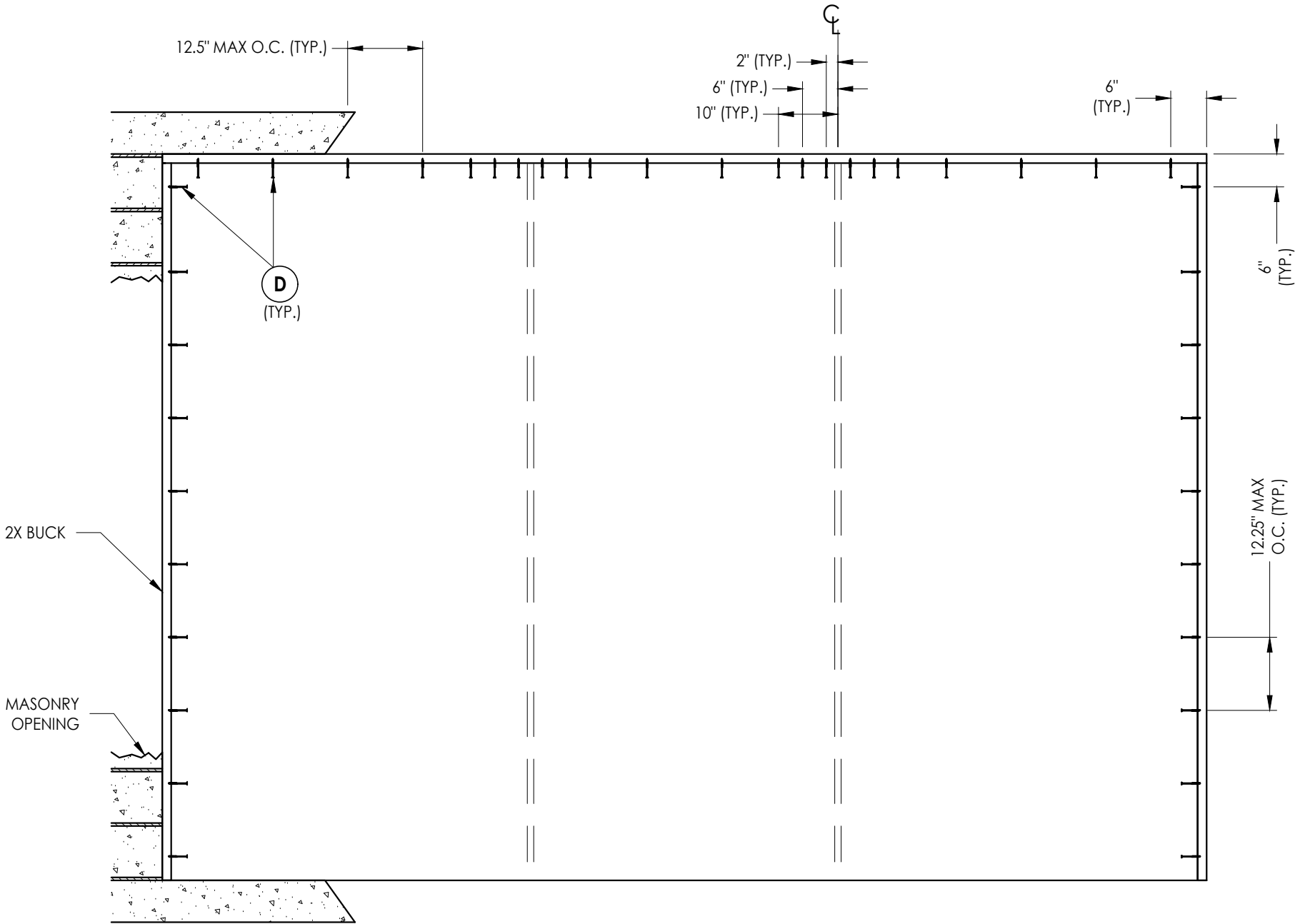
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-17954.3

SHEET 9 OF 13



2X BUCK ANCHORING
OXO Shown (XOO Similar)

NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC
3	7/11/23	UPDATE TO 8TH ED. (2023) FBC
2	8/11/20	UPDATE TO 7TH ED. (2020) FBC
1	08/07/17	UPDATE TO 6TH ED. (2017) FBC

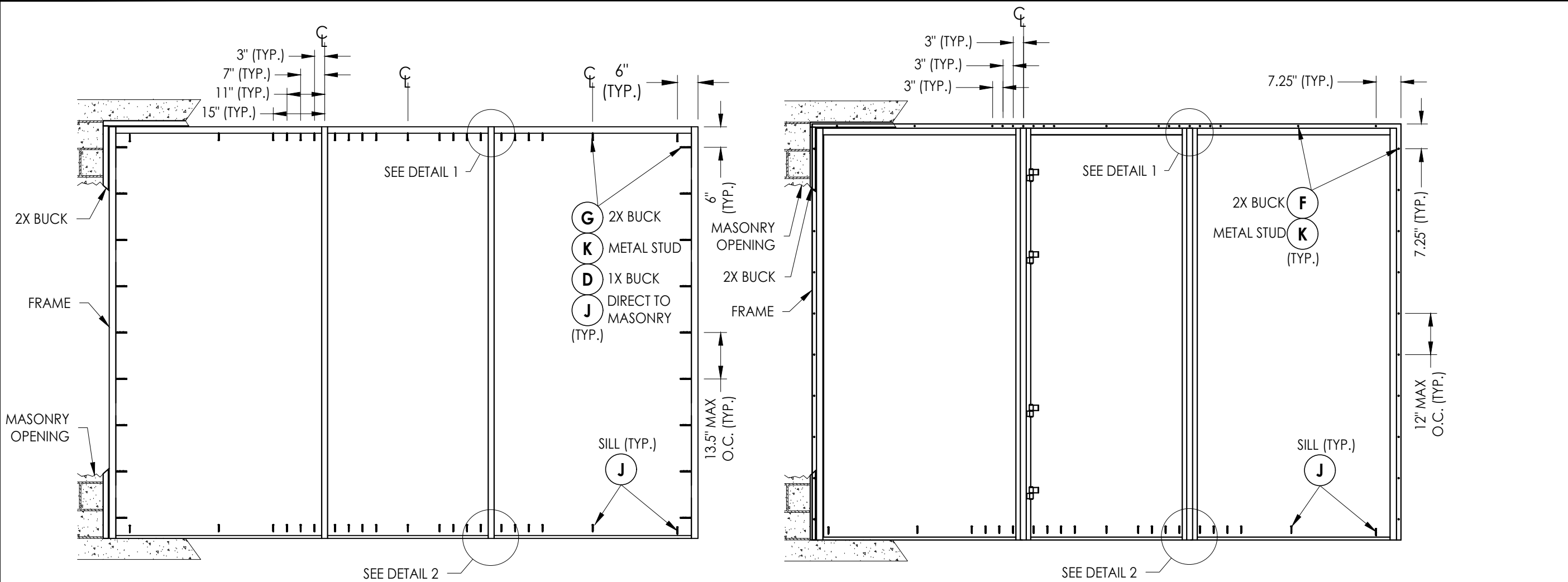
DATE:	7/22/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-17954.3
SHEET	10 OF 13

PRODUCT:
FLEETWOOD WINDOWS AND DOORS
PART OR ASSEMBLY:
BUCK ANCHORING

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

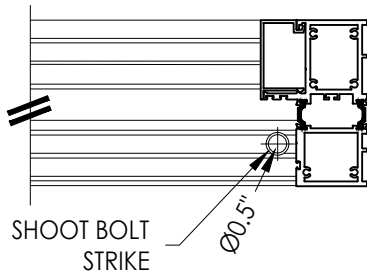
RW BUILDING CONSULTANTS, INC.
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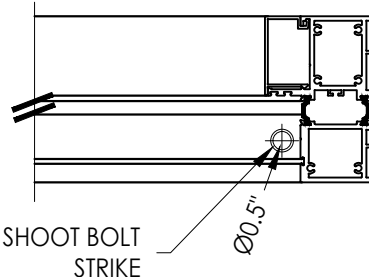


FRAME ANCHORING
OXO Shown (XOO Similar)

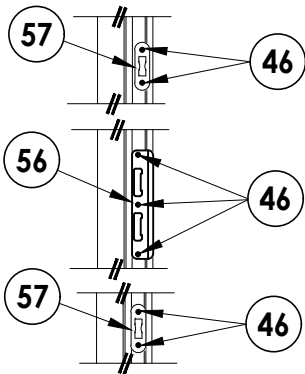
FIN ANCHORING
OXO Shown (XOO Similar)



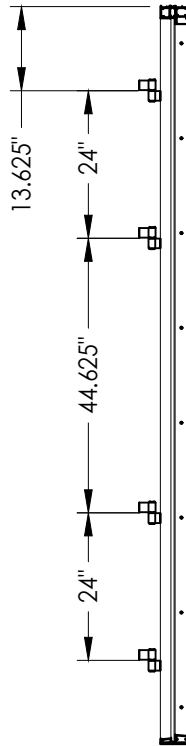
DETAIL 2



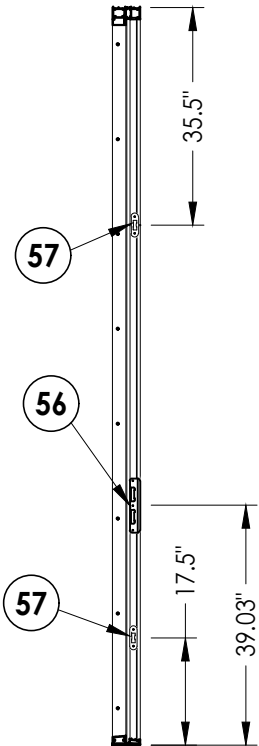
DETAIL 1



STRIKE DETAIL



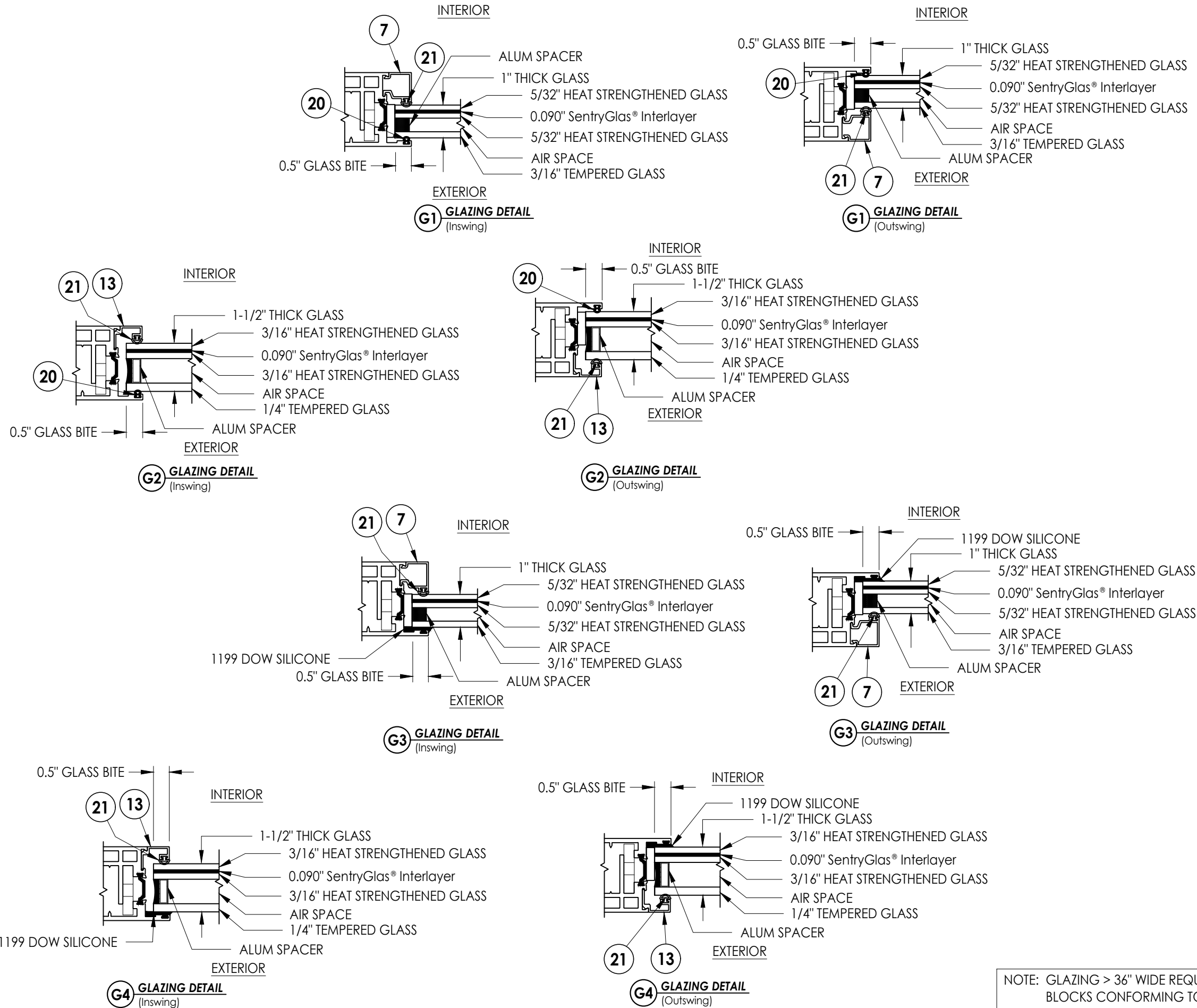
HINGE DETAIL



STRIKE PLATE DETAIL

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

Z:\2023 FBC Drawings\Fleetwood Windows & Doors\FL-17954 R8 Side Hinged Door\FL-17954.1.3.4.6.7.dwg



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

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P.E. No. 43409

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PRODUCT:
FLEETWOOD WINDOWS AND DOORS

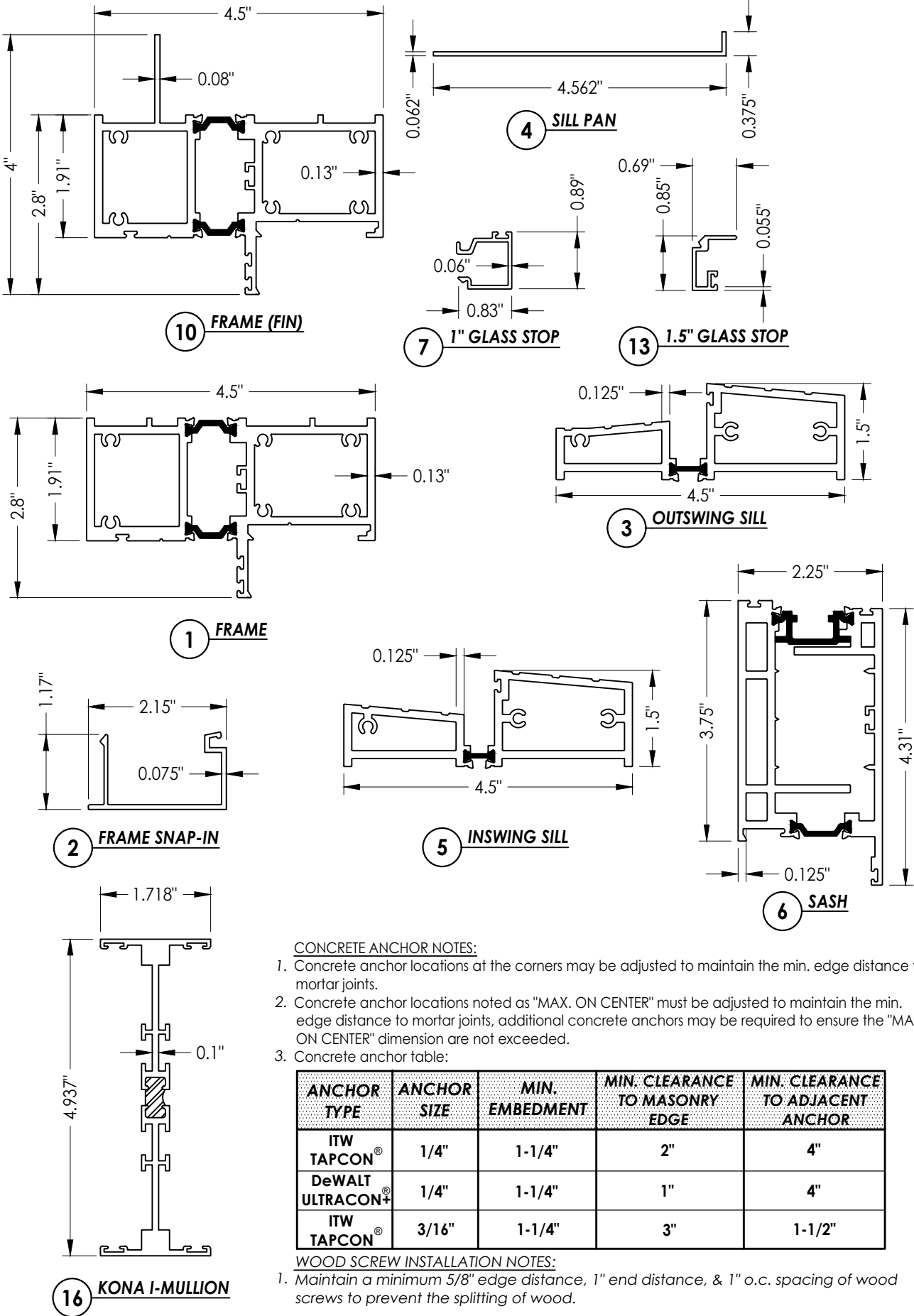
PART OR ASSEMBLY:
GLAZING DETAILS

NO.	DATE	REVISIONS
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
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DWG. BY: JK
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DRAWING NO.: FL-17954.3
SHEET 12 OF 13

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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL - MANUFACTURER
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 1-3/4" PPH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
G	#10 x 2" PPH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
J	1/4" X 2-1/4" ITW PFH CONCRETE SCREW	STEEL
K	#10 FH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	FRAME	6063-T6 ALUM
2	FRAME SNAP-IN	6063-T6 ALUM
3	OUTSWING SILL	6063-T6 ALUM
4	SILL PAN	6063-T6 ALUM
5	INSWING SILL	6063-T6 ALUM
6	SASH	6063-T6 ALUM
7	1" GLASS STOP	6063-T6 ALUM
8	ATLANTIC SEAL CLIP	6063-T6 ALUM
10	FRAME (FIN)	6063-T6 ALUM
13	1.5" GLASS STOP	6063-T6 ALUM
16	KONA I-MULLION	6063-T6 ALUM
20	BULB VINYL - MINI (EPDM 70 Durometer)	TREMCO, # TX20801E
21	BULB VINYL - LARGE (EPDM 70 Durometer)	TREMCO, # TX19638E
22	FOAM SEAL	EMESBURY, # 32390
23	Q-LON FOAM SEAL	SCHLEGEL CORP., # Q225T190
24	Q-LON FOAM SEAL	SCHLEGEL CORP., # Q375T190
25	Q-LON FOAM SEAL	SCHLEGEL CORP., # QEZ 376
31	BUTT HINGE	SAVIO
32	BACK UP KIT	SAVIO
33	HINGE BOLT, 8M X 48MM (FOR PANEL)	SAVIO
36	BACK UP PLATE FOR CORNER BLOCK	-
37	MACHINE SCREW NO 10-32, FHP 1.125"	STAINLESS STEEL
38	MACHINE SCREW NO 10-32, FHP .75"	STAINLESS STEEL
39	HEX HEAD CAP SCREW .375-16, 2.250"	STAINLESS STEEL
40	.375-16 SS. HEX NUT	STAINLESS STEEL
41	.375 SPLIT LOCK WASHER	STAINLESS STEEL
44	#8 x 1/2" PFH SMS	STAINLESS STEEL
46	#10 X 1/2" PFH SMS	STAINLESS STEEL
47	#10 X 2" PFH SMS	STAINLESS STEEL
48	#8 x 1" PFH SMS	STAINLESS STEEL
50	4" LONG SETTING BLOCK	-
55	FIXED SILL BLOCK	6063-T6 ALUM
56	LATCH AND DEADBOLT STRIKE PLATE	STAINLESS STEEL
57	STRIKE PLATE	STAINLESS STEEL
60	TDL BAR	6063-T6 ALUM



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 AND DOORS		PART OR ASSEMBLY: BILL OF MATERIALS AND COMPONENTS	
4	7/02/26	UPDATE TO 9TH ED. (2026) FBC	LFS
3	7/11/23	UPDATE TO 8TH ED. (2023) FBC	LFS
2	8/11/20	UPDATE TO 7th ED. (2020) FBC	DAC
1	08/07/17	UPDATE TO 6TH ED. (2017) FBC	LFS
NO.		DATE	BY
REVISIONS			
DATE: 7/22/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17954.3			
SHEET 13 OF 13			