

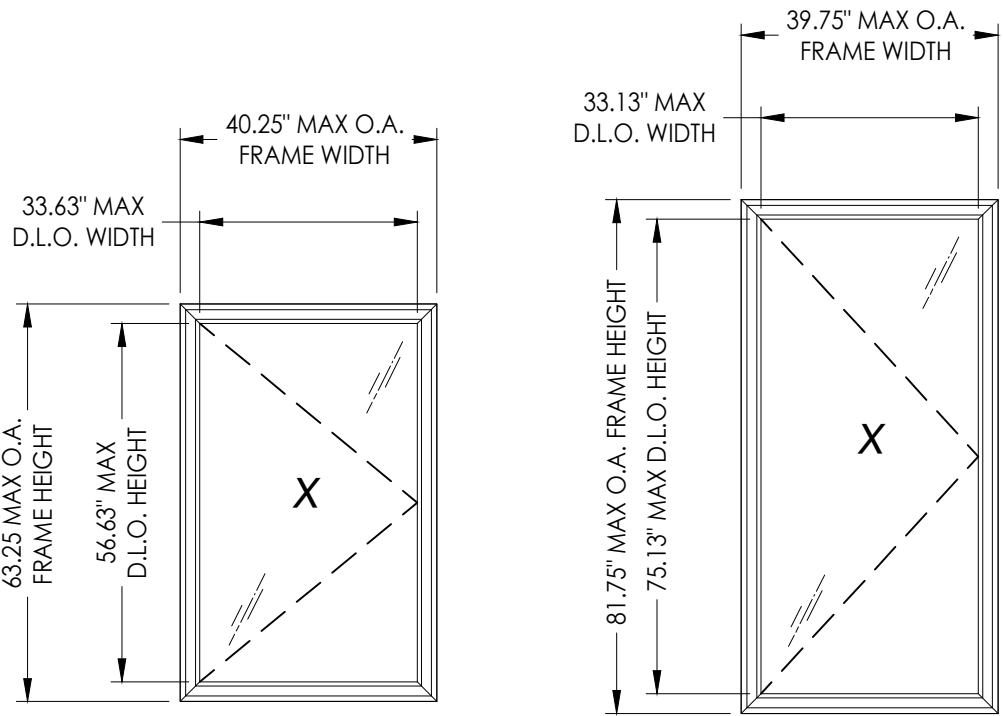


Series 350-T
Aluminum Casement Window
w/ Thermal Break Frame
"IMPACT"

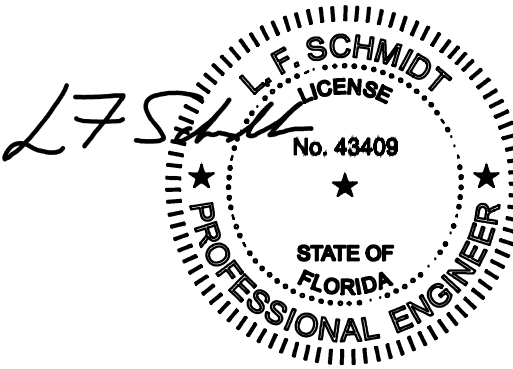
GENERAL NOTES

- 1. This product has been evaluated and is in compliance with the 9th Edition (2026) 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 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 E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
- 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
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5	Buck and frame anchoring
6	Buck and frame anchoring
7	Glazing details
8	Bill of materials and components



OVERALL FRAME DIMENSION	OVERALL D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
40.25" X 63.25"	33.63" X 56.63"	G1, G2, G3, G4, G5	+65.0	-65.0
39.75" X 81.75"	33.13" X 75.13"	G1, G2, G3, G4, G5	+65.0	-65.0



Digitally signed by Lyndon F Schmidt
Date: 2026.07.06 11:34:24 -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

PART OR ASSEMBLY:

TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

DATE

7/02/26

7/12/23

12/7/21

8/06/20

NO.

DATE

REVISIONS

7

6

5

4

3

2

1

DATE: 10/23/13

SCALE: N.T.S.

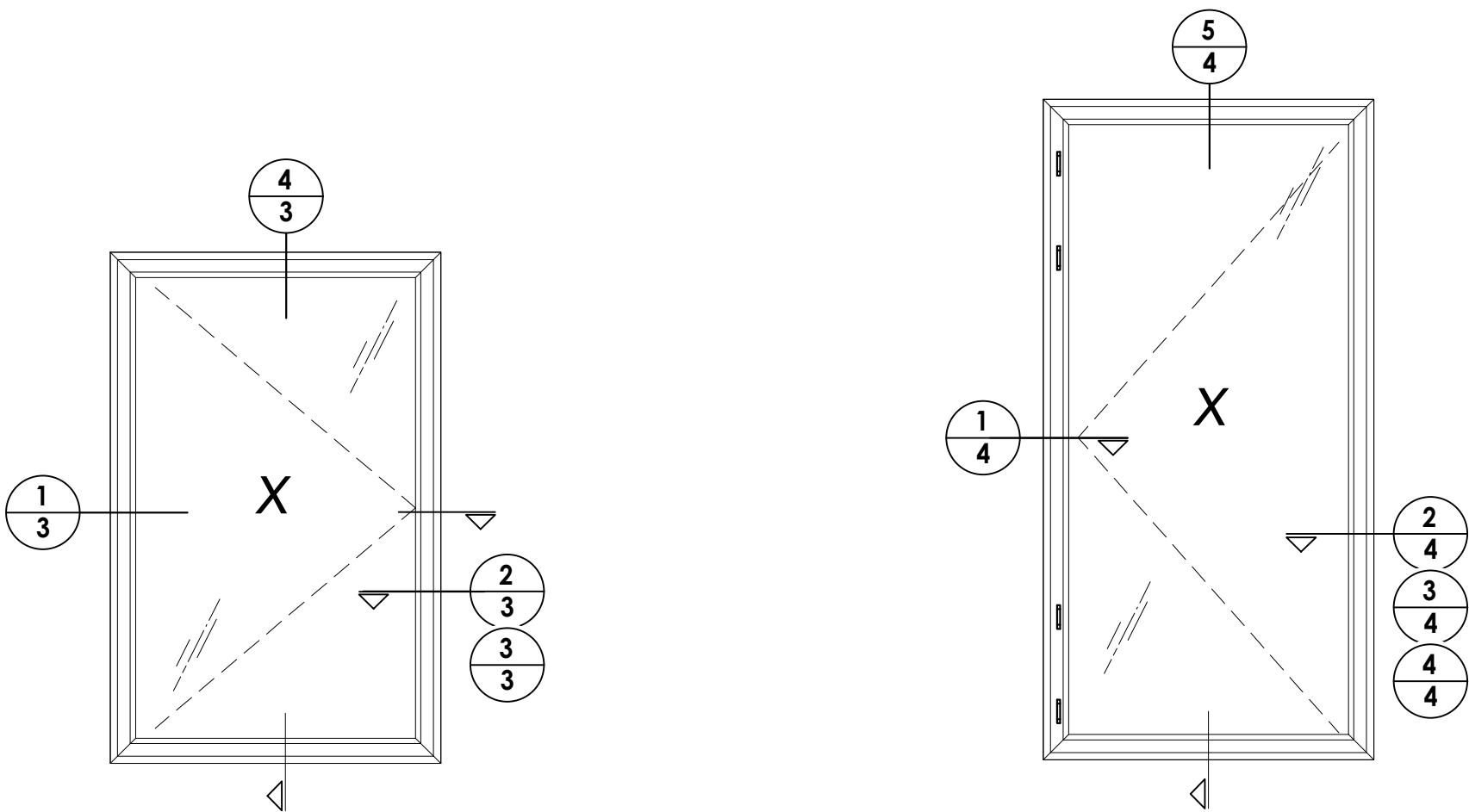
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-14904.9

SHEET 1 OF 8

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



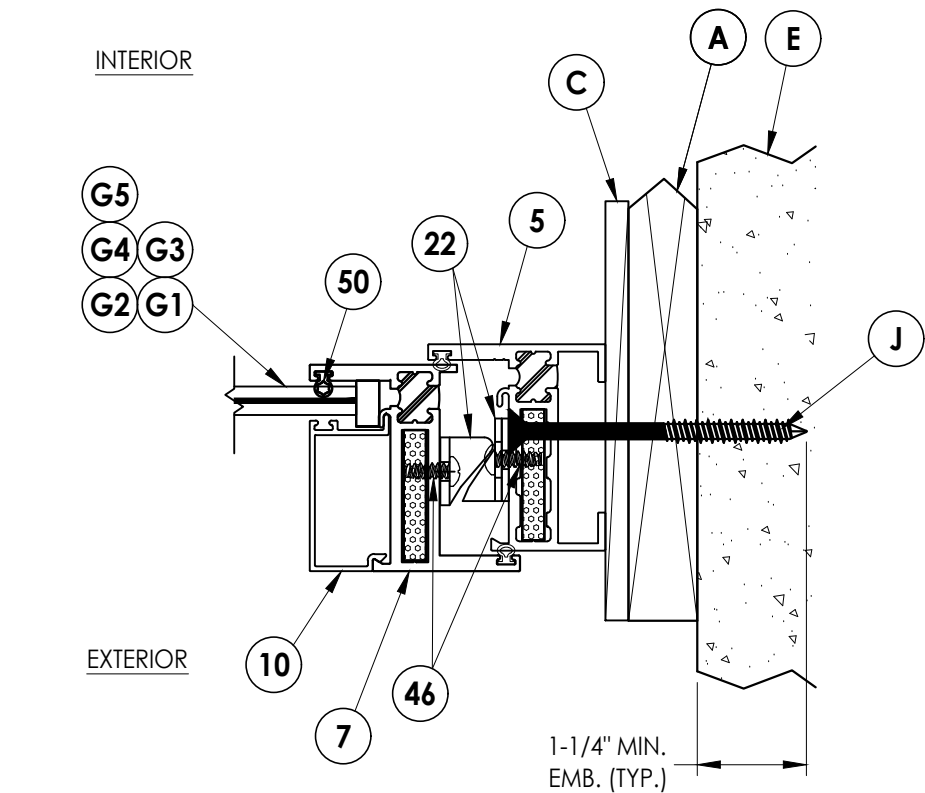
HARDWARE TABLE			
HINGE			
Qty.	Description	Height	Snubbers
5	Butt hinge	≤ 81.75"	Not Req'd
4	Butt hinge	≤ 81.75"	Yes (2)
2	Butt hinge	≤ 50"	Yes (2)
2	4 Bar hinge	≤ 65"	Yes (3)
HANDLES			
Points	Description	Height	*Cam locks can be used in conjunction with multipoint lock or in lieu of multipoint locks
4	Multipoint	> 72"	
3	Multipoint	≤ 72"	
Qty.			
3	Cam*	≤ 65"	
1	Cam*	≤ 50"	

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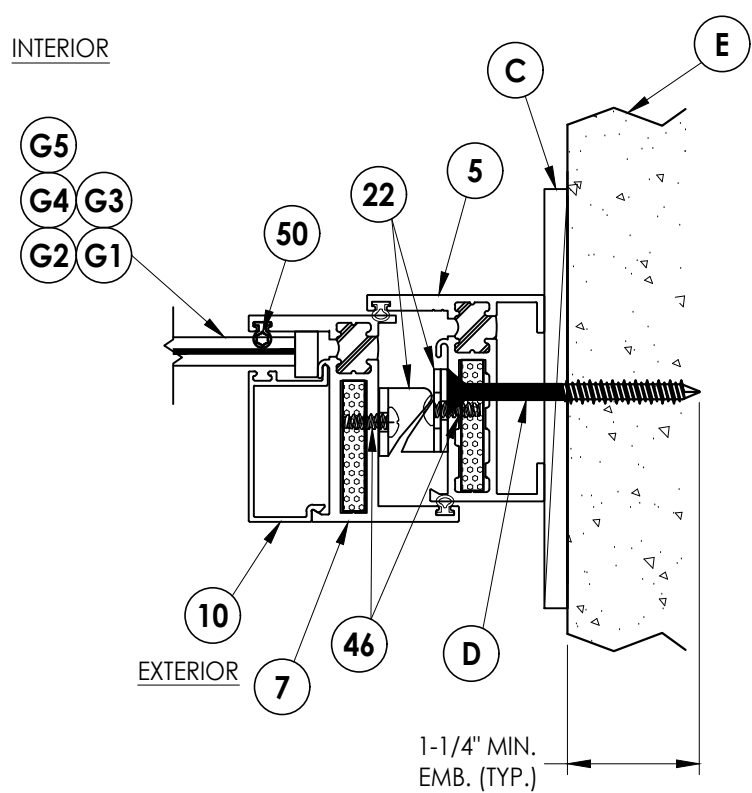
Documents Prepared By:
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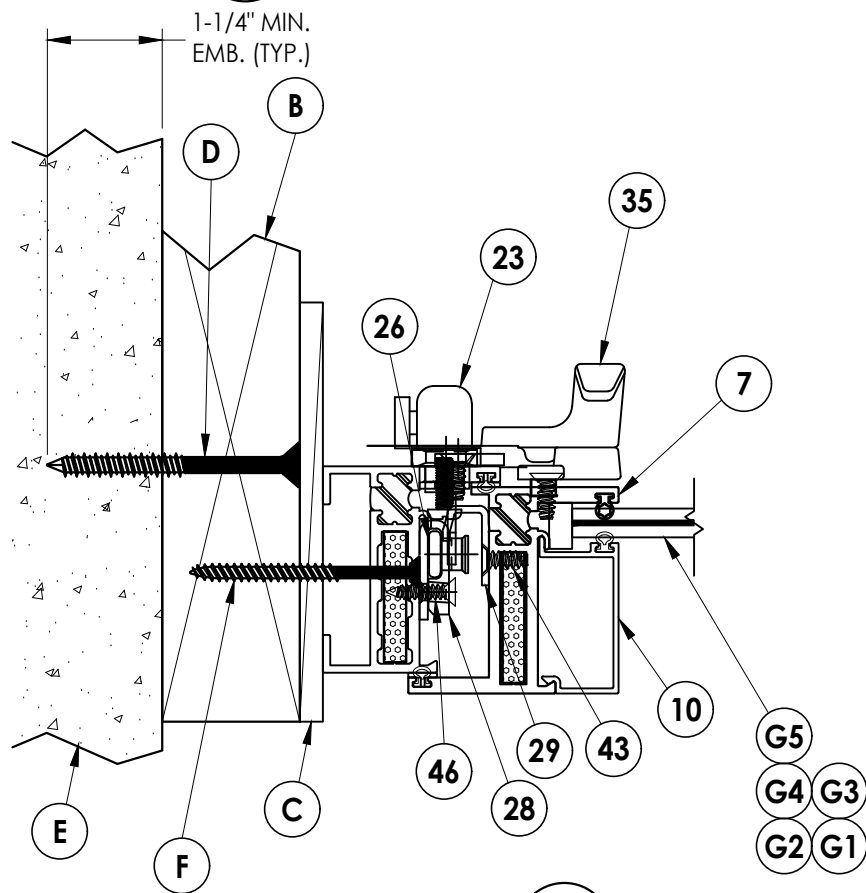
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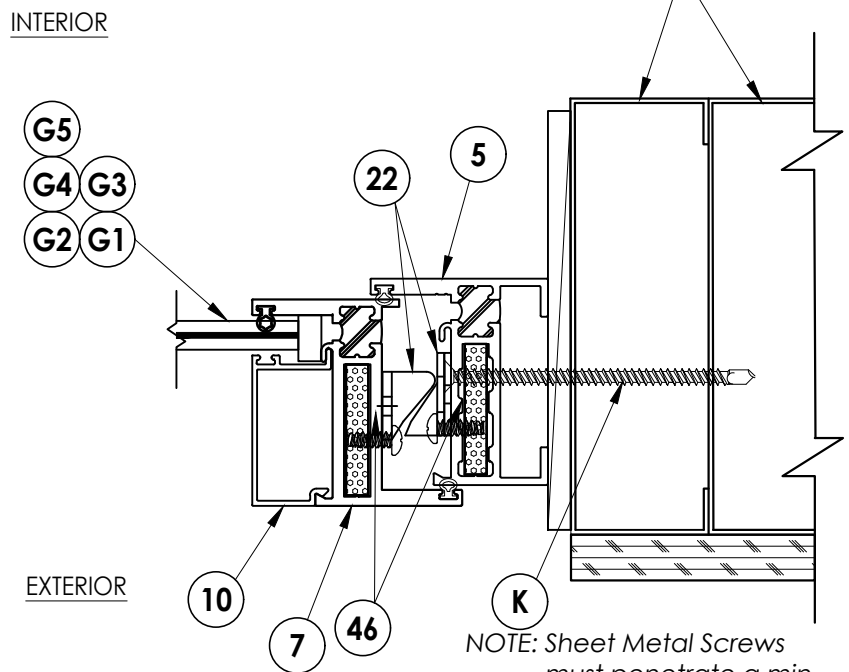
2 **HORIZONTAL CROSS SECTION**
3 Shown w/ 1X Sub buck option



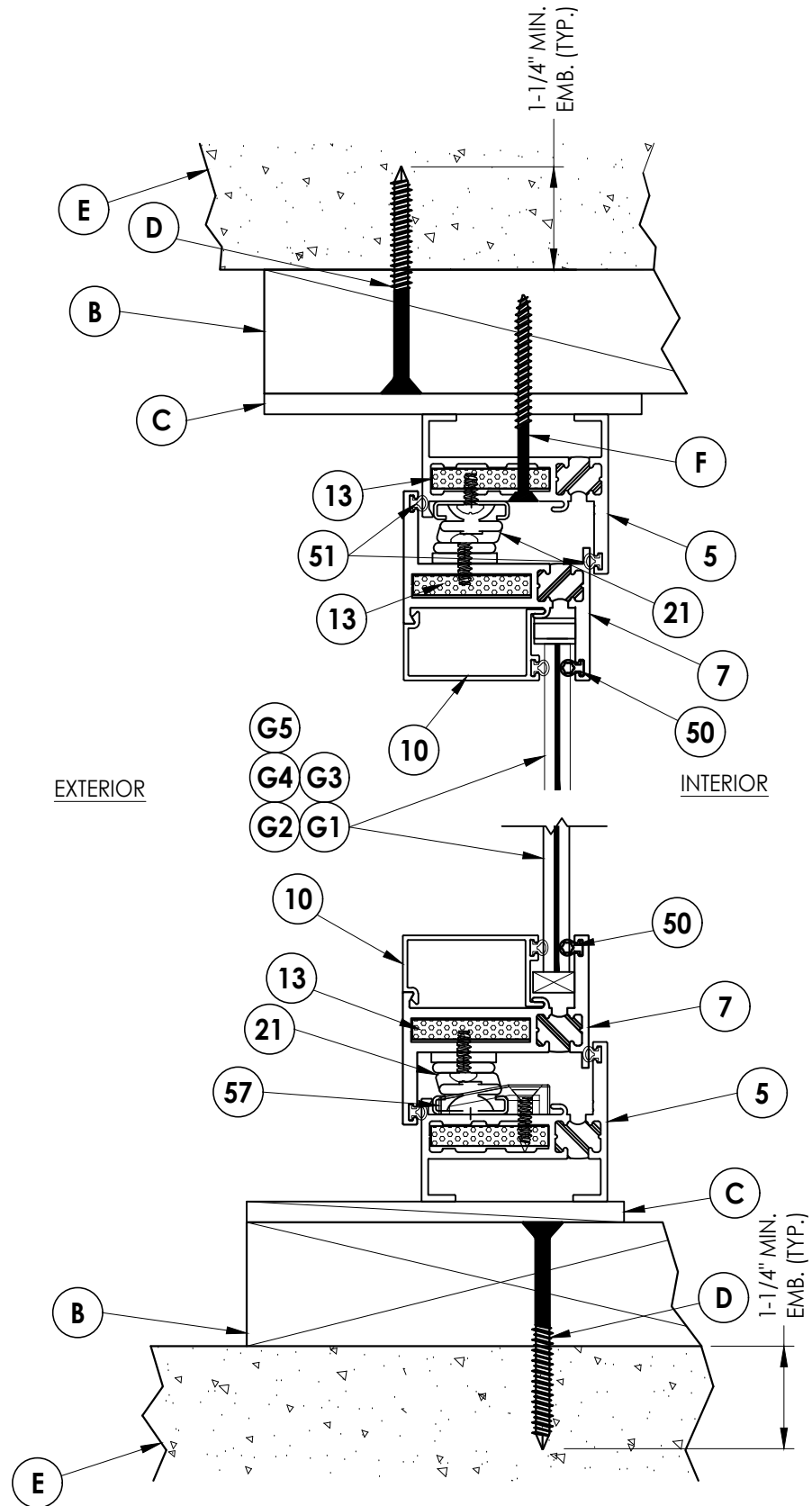
3 **HORIZONTAL CROSS SECTION**
3 Shown w/ Direct to Masonry option



1 **HORIZONTAL CROSS SECTION**
3 Show w/ 2X Buck and Steel Stud options



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



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

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PRODUCT:
FLEETWOOD WINDOWS AND DOORS

	7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
	6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
	5	12/7/21	SERIES NAME CHANGE	LFS	DAC
	4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	BY
	NO.	DATE			

DATE: 10/23/13

SCALE: N.T.S.

DWG. BY: JK

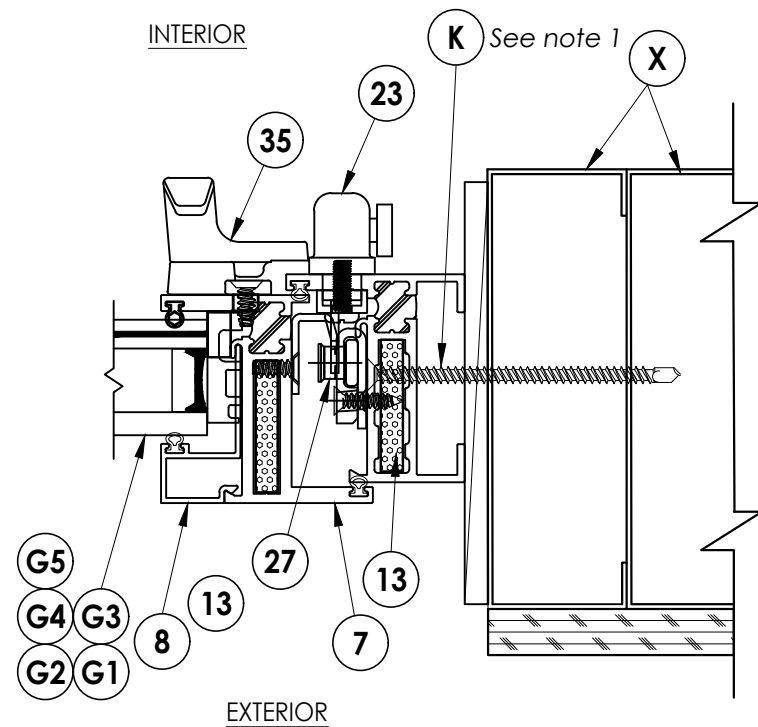
CHK. BY: LFS

DRAWING NO.: FL-14904.9

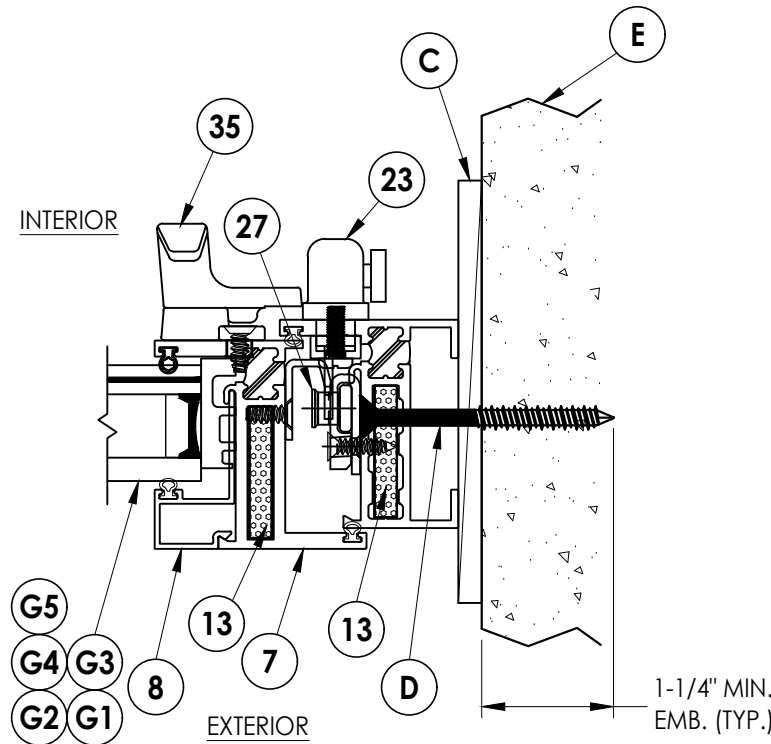
SHEET 3 OF 8

BUILDING CONSULTANTS, INC.
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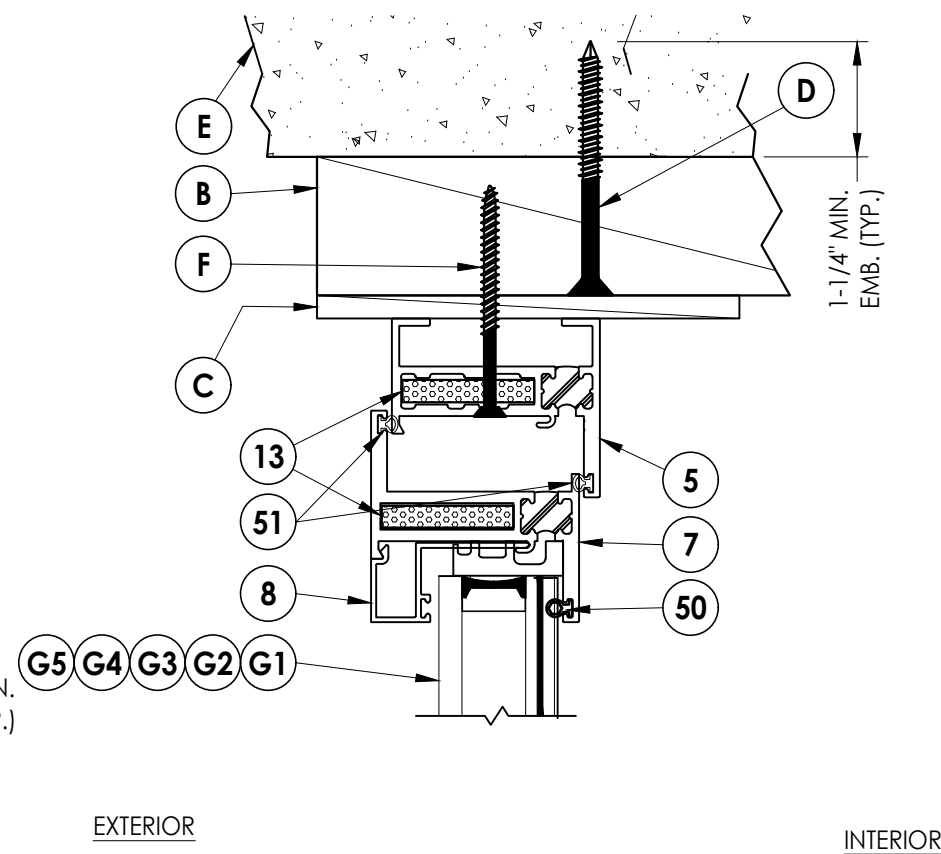
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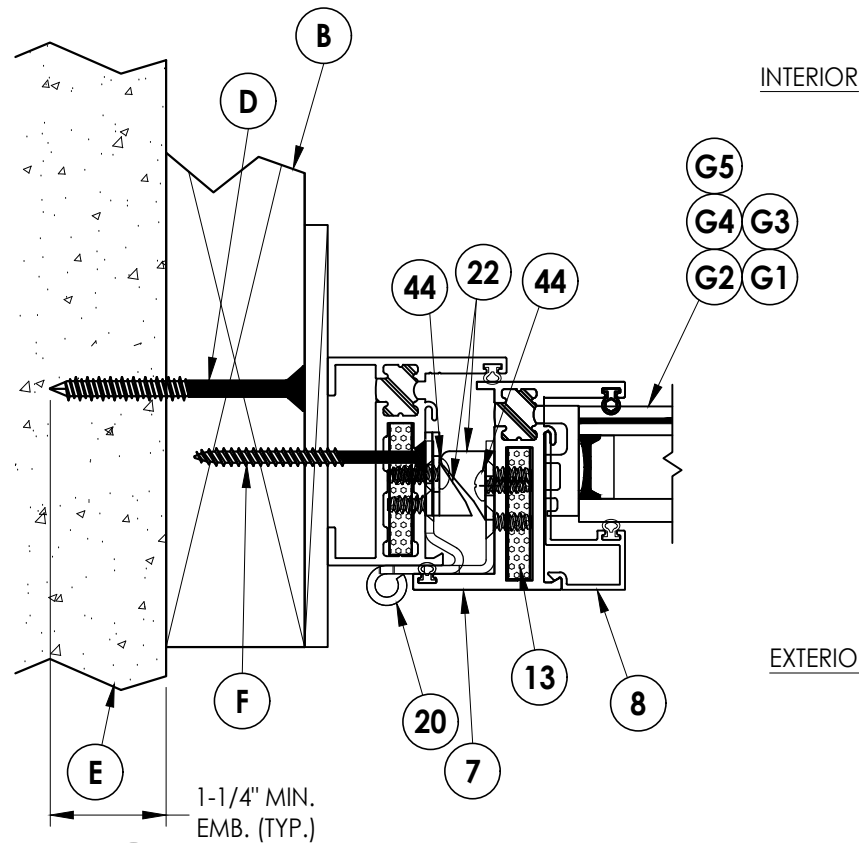
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4 **HORIZONTAL CROSS SECTION**
Shown w/ Steel Stud option



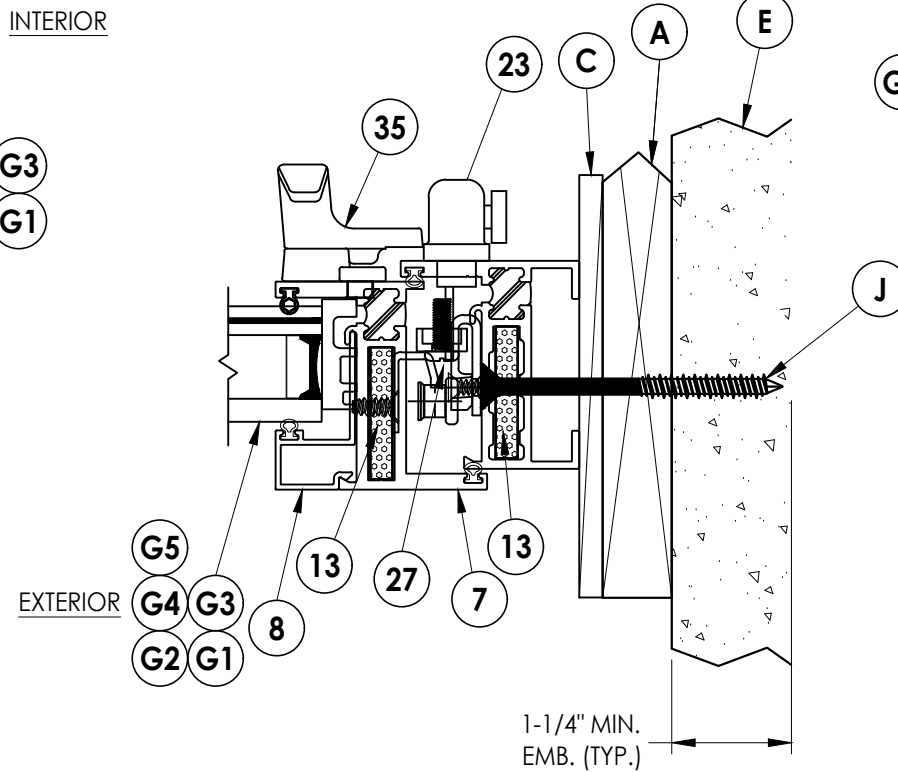
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4 **HORIZONTAL CROSS SECTION**
Shown w/ Direct to Masonry option



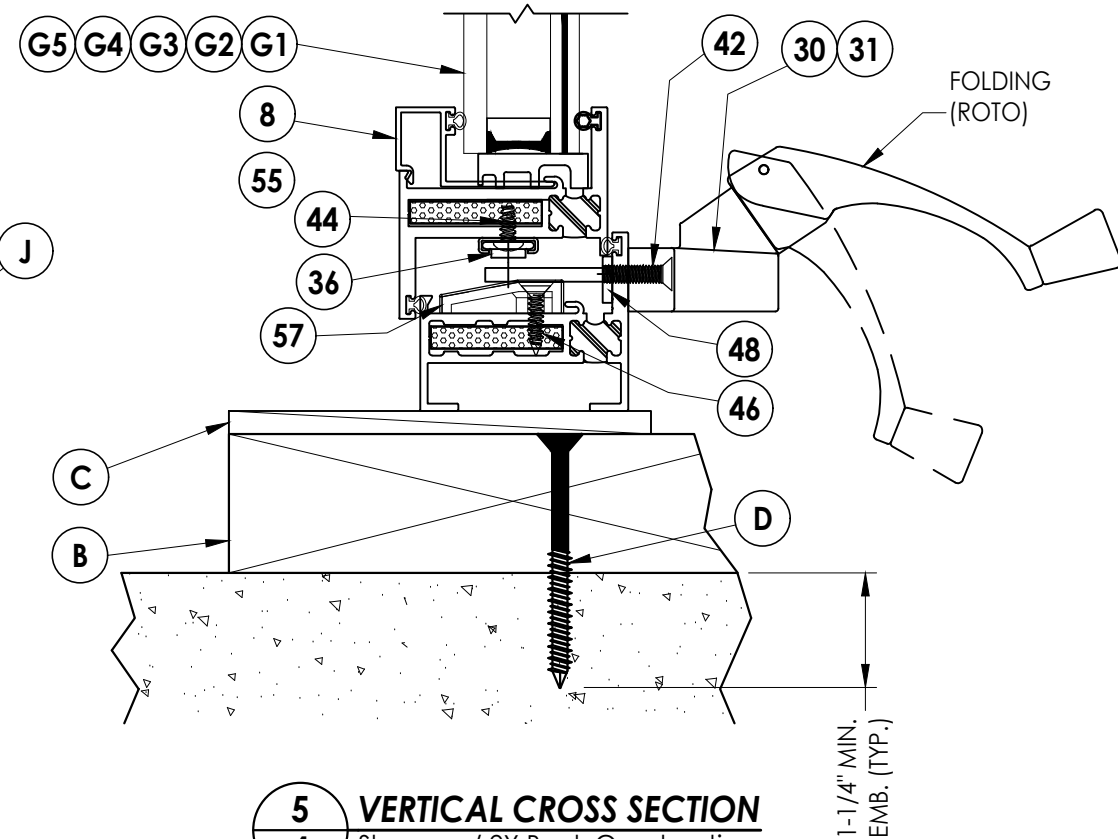
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4 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck Construction



1
4 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck Construction



2
4 **HORIZONTAL CROSS SECTION**
Shown w/ 1X Sub buck option



NOTE:

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

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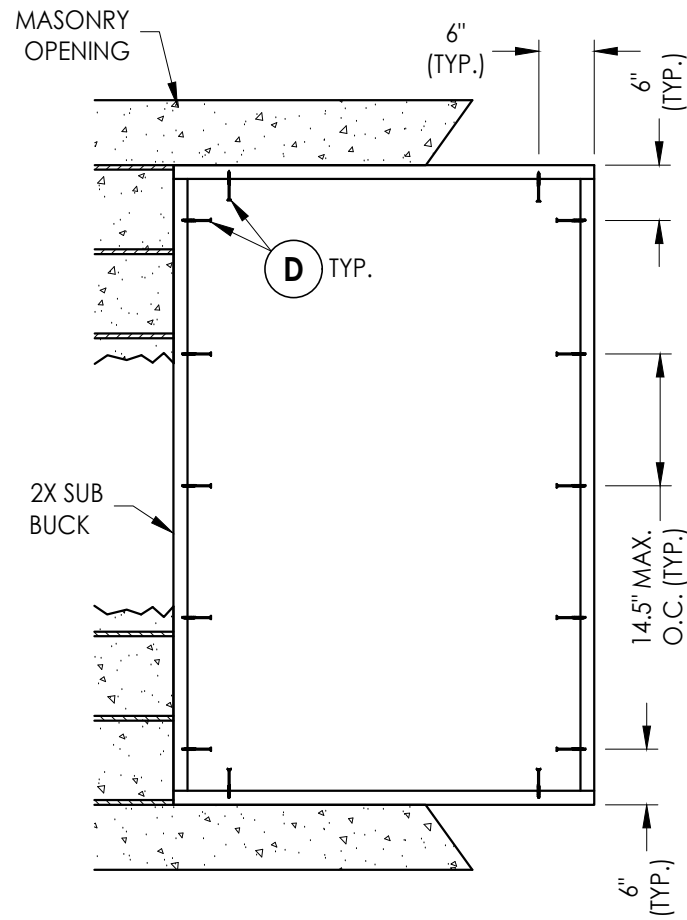
PRODUCT:
FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

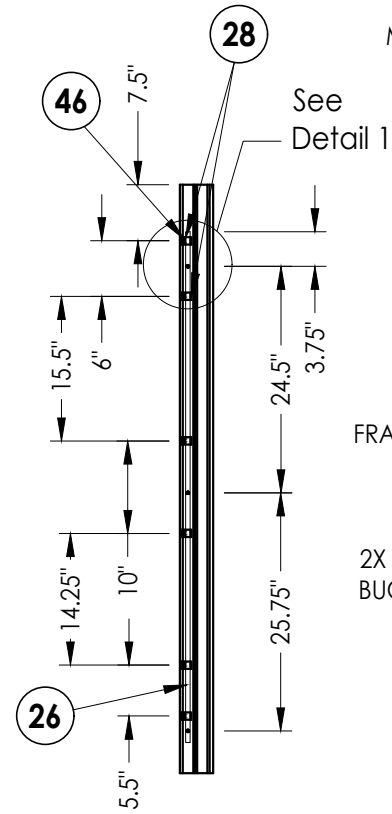
7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC	LFS
6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	12/7/21	SERIES NAME CHANGE		LFS
4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC	DAC
NO.	DATE			BY

DATE: 10/23/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14904.9
SHEET 4 OF 8

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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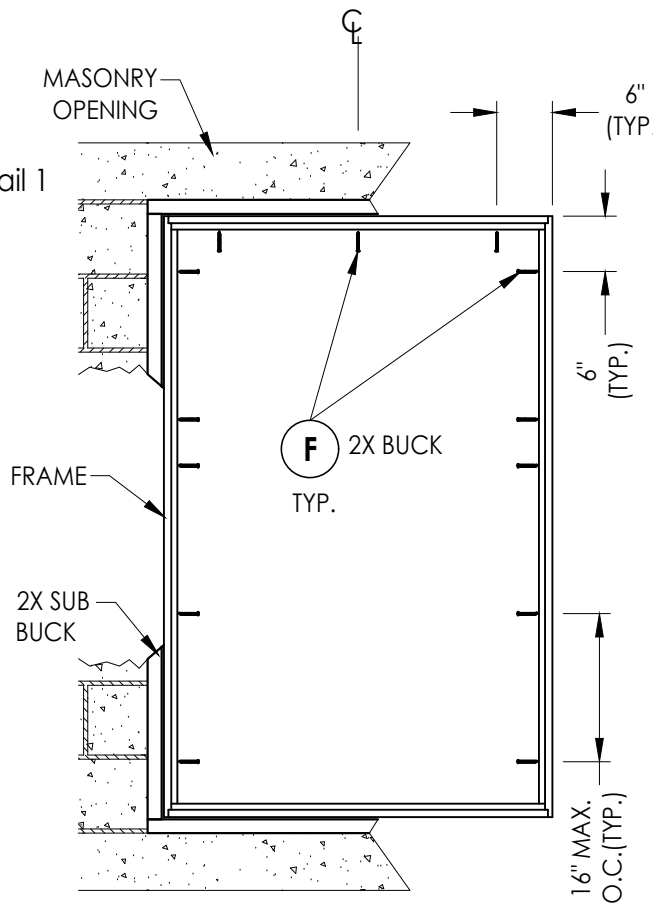


2X BUCK ANCHORING
40.25" X 63.25" Max Size

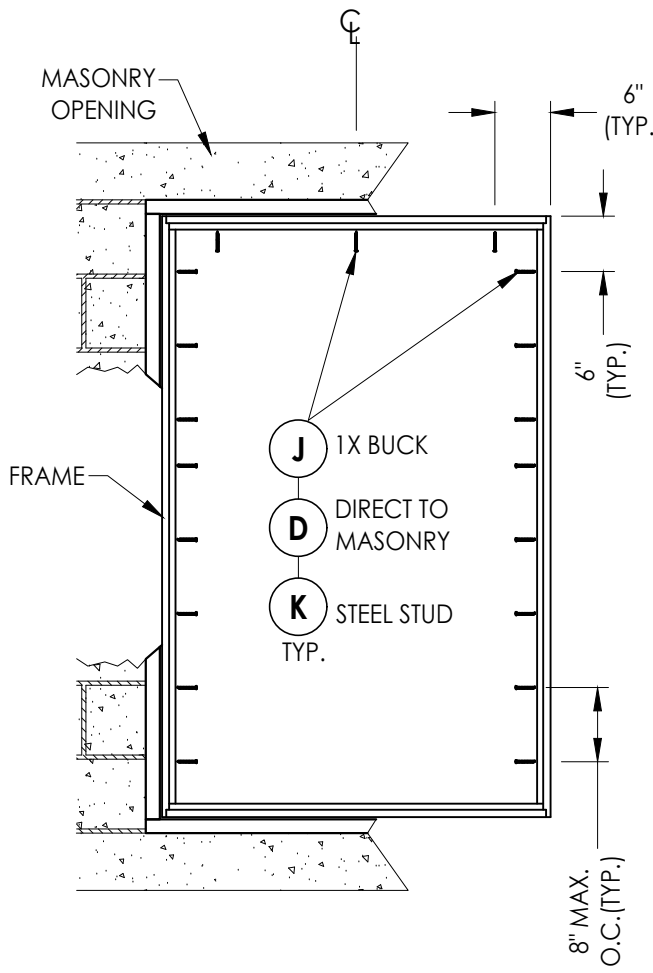


LOCK JAMB

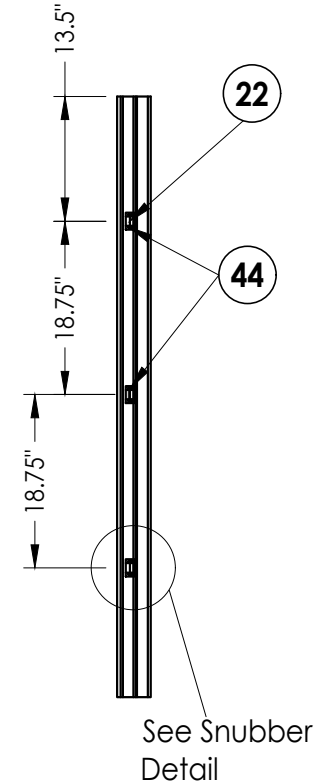
Locking Points (3)



FRAME MOUNT ANCHORING
40.25" X 63.25" Max Size
(2X BUCK)



FRAME MOUNT ANCHORING
40.25" X 63.25" Max Size
(1X BUCK, DIR. TO MASONRY, STEEL STUD)



SNUBBERS JAMB

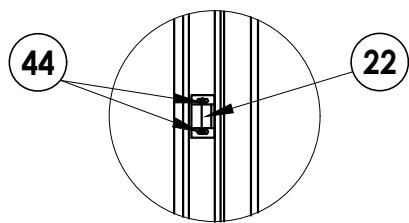
CONCRETE ANCHOR NOTES:

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:

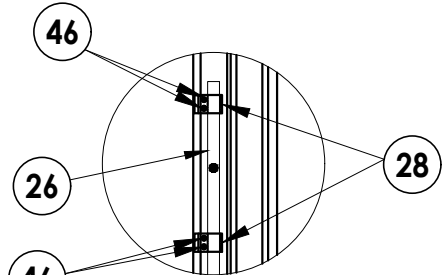
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



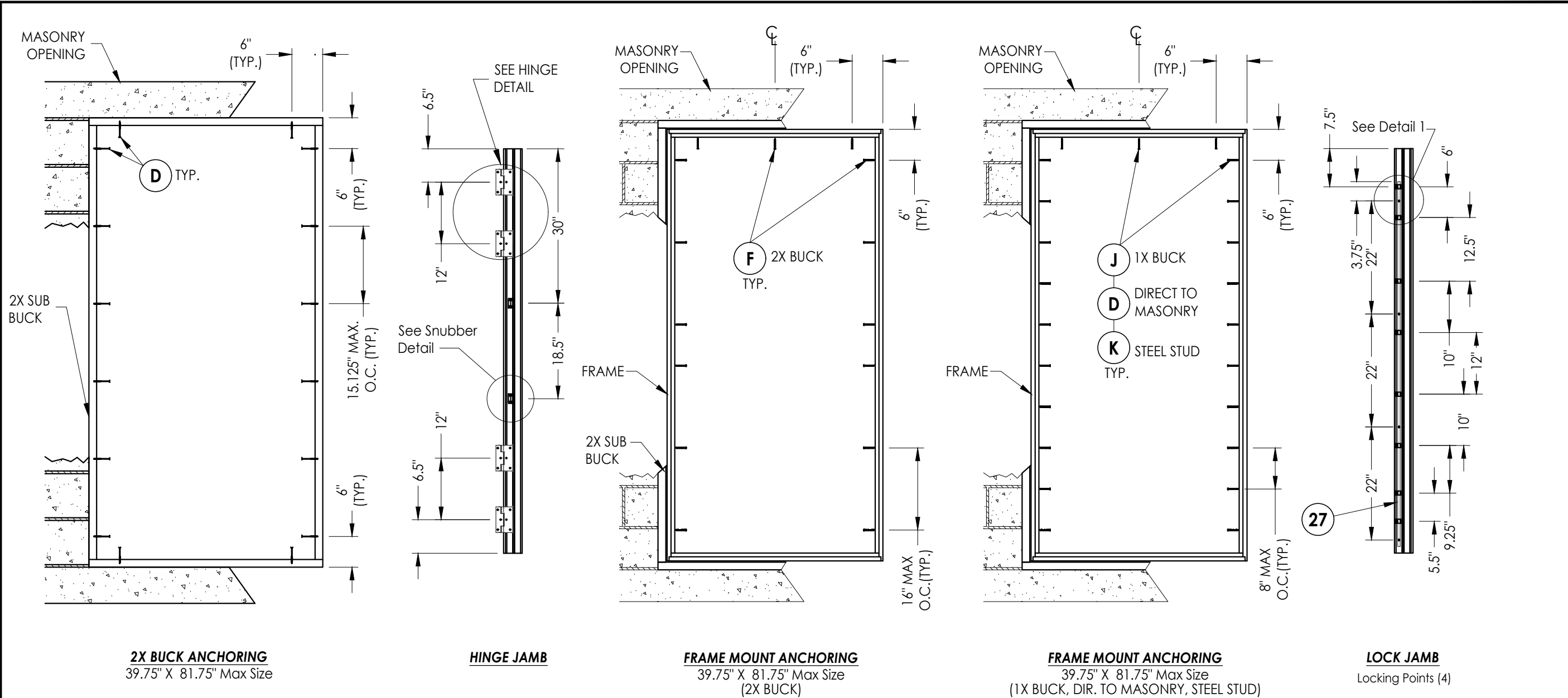
SNUBBER DETAIL



DETAIL 1

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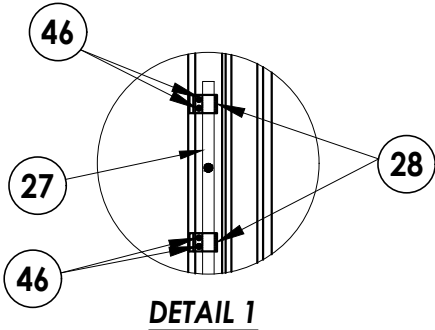
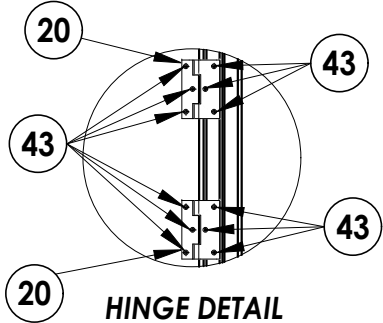
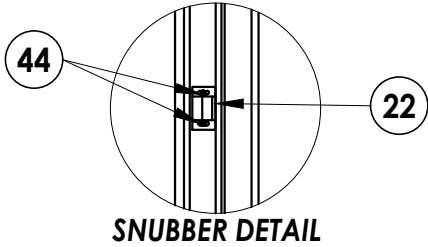
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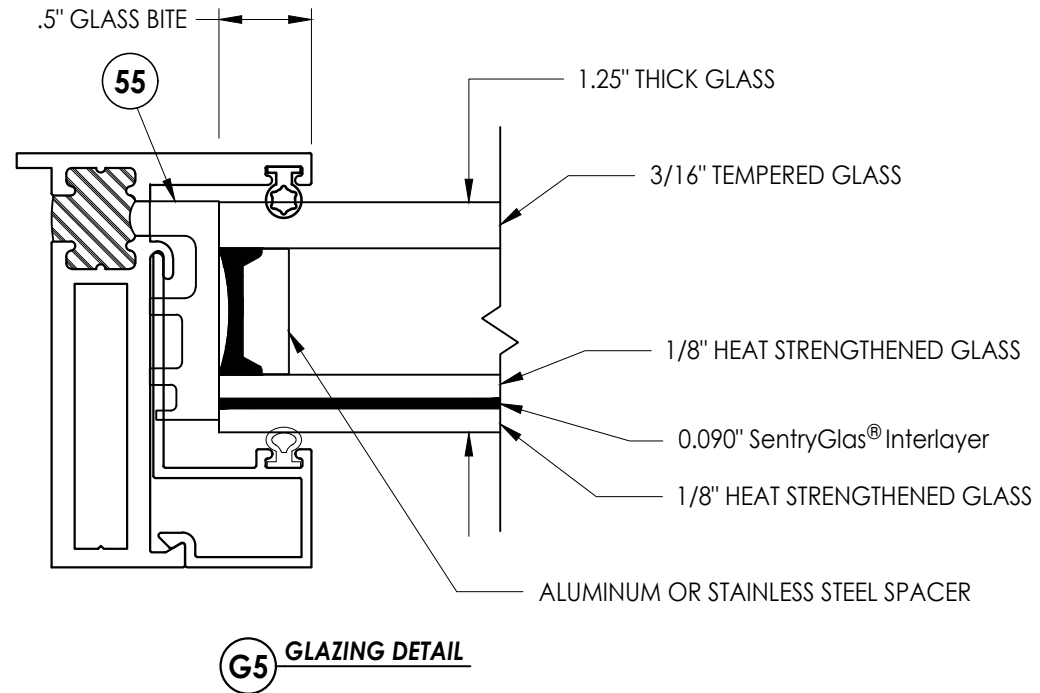
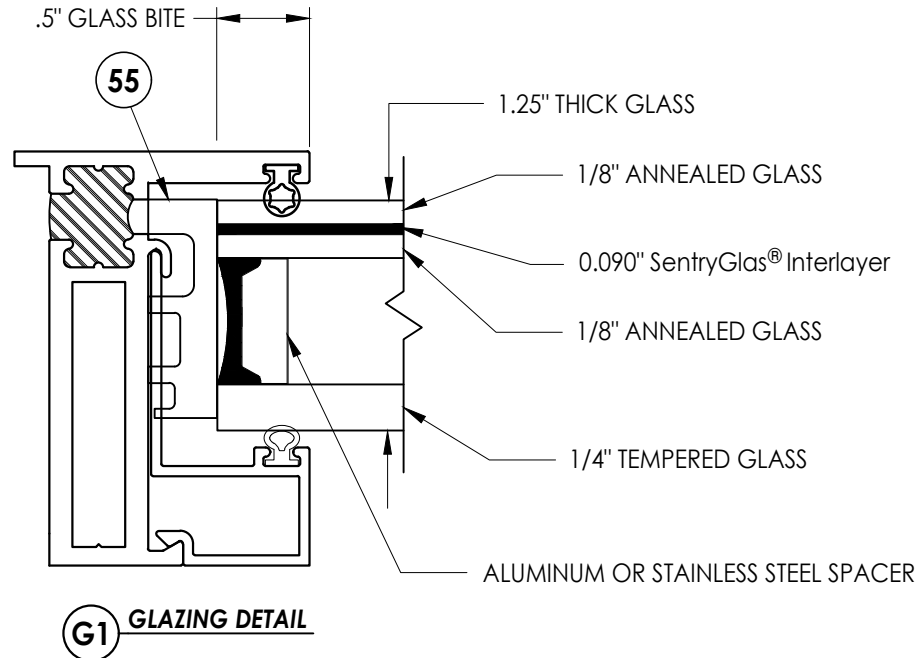
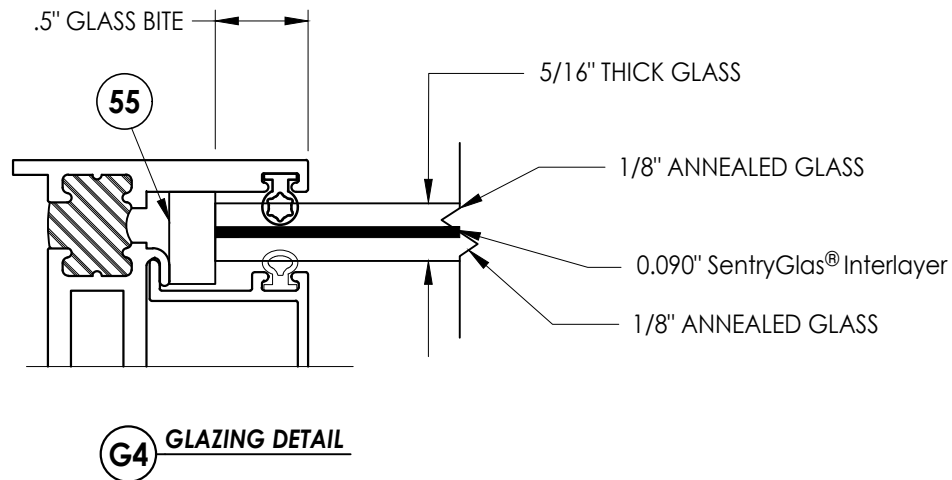
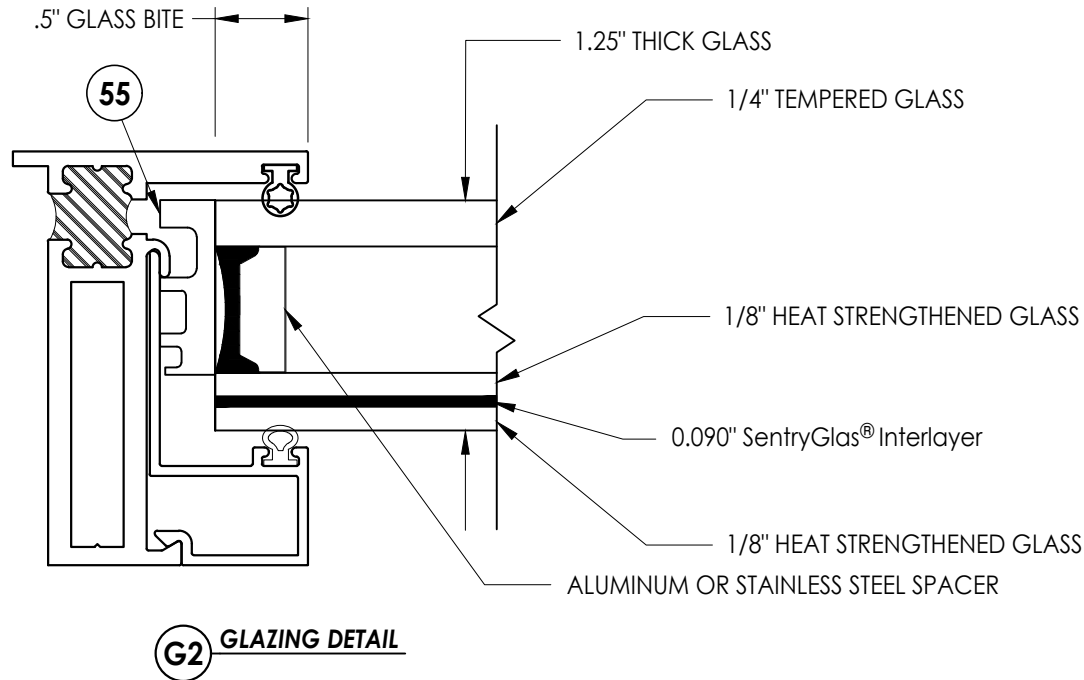
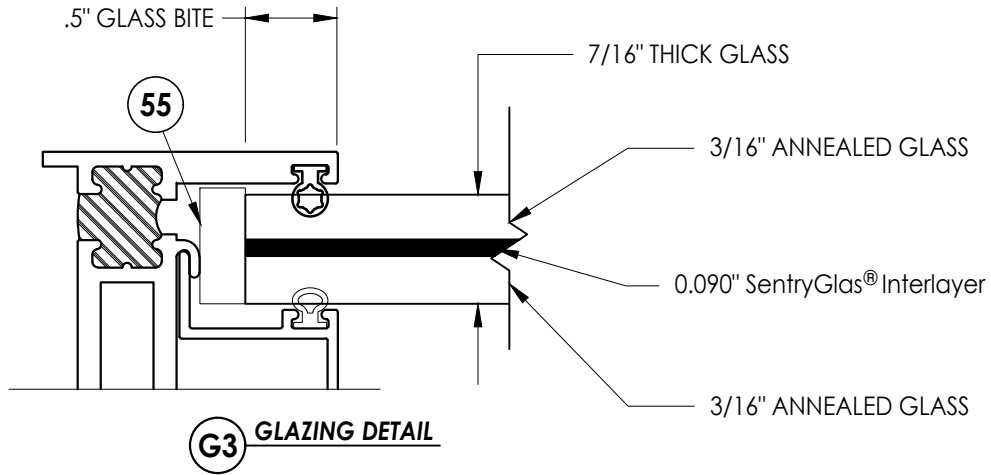
WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" 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		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: BUCK & FRAME ANCHORING	
7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC
5	12/7/21	SERIES NAME CHANGE	LFS
4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC
NO.	DATE		BY
REVISIONS			
DATE: 10/23/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14904.9			
SHEET 6 OF 8			

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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 AND DOORS

PART OR ASSEMBLY:
GLAZING DETAILS

NO.	DATE	REVISIONS
7	7/02/26	UPDATE TO 9TH ED. (2026) FBC LFS
6	7/12/23	UPDATE TO 8TH ED. (2023) FBC LFS
5	12/7/21	SERIES NAME CHANGE LFS
4	8/06/20	UPDATE TO 7TH ED. (2020) FBC DAC
3		
2		
1		

DATE: 10/23/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

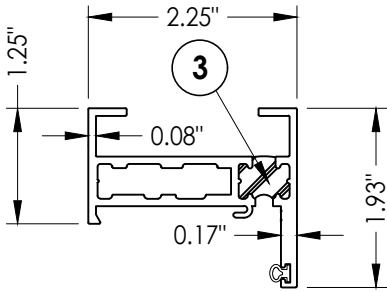
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FL-14904.9

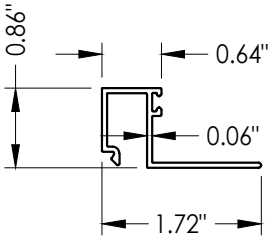
SHEET 7 OF 8

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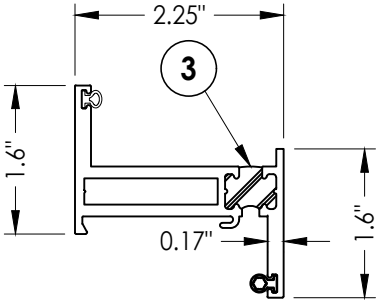
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2-1/2" PPH WOOD SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
J	1/4" X 3-1/4" DeWALT OR ITW PFH CONCRETE SCREW	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
3	THERMAL BREAK ("LIQUID POLYURETHANE" by Azon USA, Inc.)	-
5	BLOCK FRAME (350-T)	6063-T6 ALUM
7	ZEE BAR (PANEL)	6063-T6 ALUM
8	GLASS STOP (1-1/4")	6063-T6 ALUM
10	GLASS STOP (5/16", 7/16")	6063-T6 ALUM
13	CORNER KEY	6063-T6 ALUM
20	SS. BUTT HINGE	SS
21	4 BAR HINGE	SS
22	SNUBBER-COMMERCIAL PULL-IN BLOCK	SS
23	MULTIPOINT LOCK HANDLE	SS
26	3 POINTS LOCKING BAR (TRUTH)	SS
27	4 POINTS LOCKING BAR (TRUTH)	SS
28	TIE BAR GUIDE (TRUTH)	-
29	KEEPER (TRUTH)	SS
30	CASEMENT ROTOR GEAR 13.5"(TRUTH)	SS
31	CASEMENT ROTOR GEAR 9.5"(TRUTH)	SS
35	CAM HANDLE / STRIKE PLATE	SS
36	CASEMENT SS. TRACK (TRUTH)	SS
40	#10 X 1" PPH SMS	STEEL
42	MACHINGE SCREW NO 10-32, FHP .75"	STEEL
43	SCREW NO 10 , UFHP .5"	STEEL
44	SCREW NO 8, PHP, .50"	STEEL
46	SCREW NO 8, FHP, .750"	STEEL
48	BACK UP NUTS	STEEL
50	BULB VINYL (EPDM 70 DUROMETER) - TREMCO	-
51	MINI BULB VINYL (EPDM 70 DUROMETER) - TREMCO	-
55	SETTING BLOCK	-
57	PIVOT SHIM	-



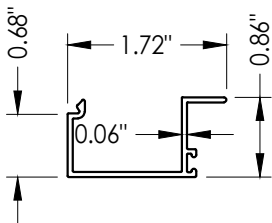
5 BLOCK FRAME



8 GLASS STOP 1-1/4"



7 ZEE BAR (PANEL)



10 GLASS STOP 5/16", 7/16"

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PRODUCT: FLEETWOOD WINDOWS AND DOORS		PART OR ASSEMBLY: BILL OF MATERIALS AND COMPONENTS	
7	7/02/26	UPDATE TO 9TH ED. (2026)	FBC
			LFS
6	7/12/23	UPDATE TO 8TH ED. (2023)	FBC
			LFS
5	12/7/21	SERIES NAME CHANGE	LFS
4	8/06/20	UPDATE TO 7TH ED. (2020)	FBC
			DAC
NO.	DATE		BY
REVISIONS			
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SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-14904.9			
SHEET 8 OF 8			