

MODEL 0601

EXTRUDED VINYL

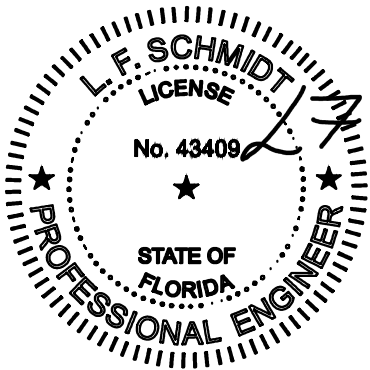
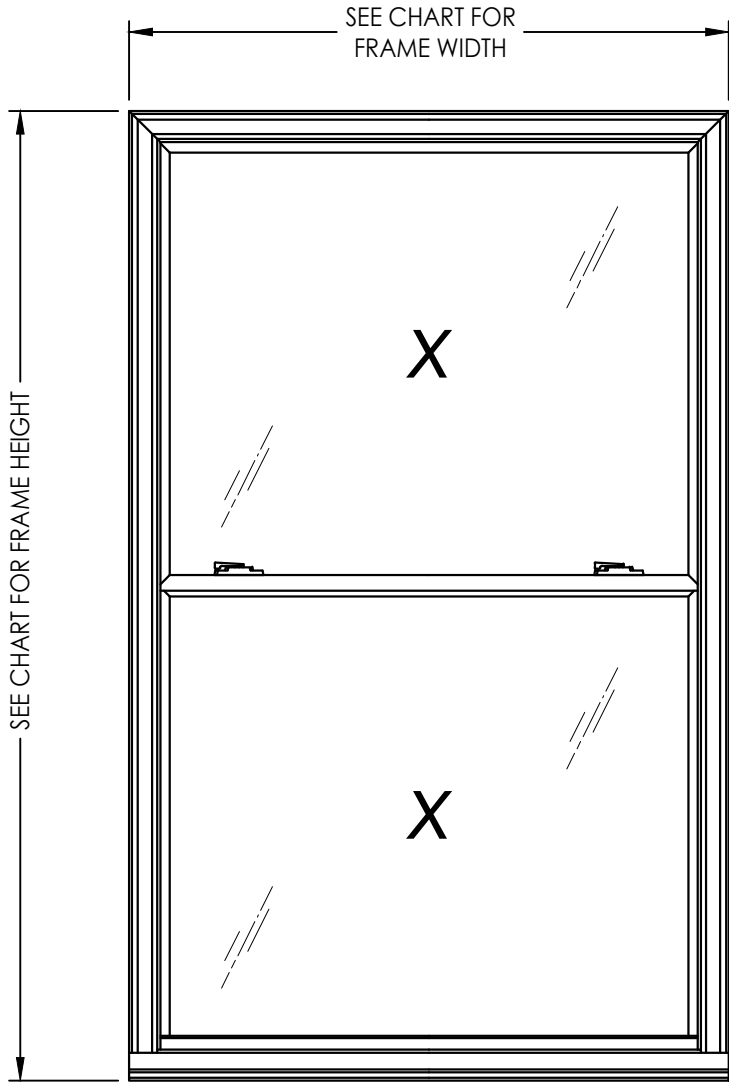
DOUBLE HUNG WINDOW

"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 & general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Buck & frame anchoring
5	Components
6	Bill of materials and glazing details



Digitally signed by Lyndon F Schmidt
Date: 2023.07.17 10:24:19 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
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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

OVERALL FRAME DIMENSION	OVERALL D.L.O. (TOP)	OVERALL D.L.O. (BOTTOM)	GLASS TYPE	No. OF LOCKS	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
52.0" x 84.0"	44.87" x 37.25"	44.87" x 37.25"	G1	2	+25.0	-25.0
44.0" x 75.0"	36.87" x 32.75"	36.87" x 32.75"	G1	1	+25.0	-25.0
44.0" x 75.0"	36.87" x 32.75"	36.87" x 32.75"	G1	2	+40.0	-40.0
36.0" x 72.0"	28.87" x 31.25"	28.87" x 31.25"	G1	2	+45.0	-50.0
52.0" x 61.0"	44.87" x 25.75"	44.87" x 25.75"	G1	2	+35.0	-35.0
44.0" x 60.0"	36.87" x 25.25"	36.87" x 25.25"	G1	2	+45.0	-50.0
36.0" x 60.0"	28.87" x 25.25"	28.87" x 25.25"	G1	2	+45.0	-70.0

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

DOUBLE HUNG WINDOW

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

7
6
5
4
NO.

7/17/23
8/18/20
2/19/19
8/09/17
DATE

UPDATE TO 8TH ED. (2023)
UPDATE TO 7TH ED. (2020)
REVISED DRAWING (NEW TESTING)
UPDATE TO 6TH ED. (2017)
BY

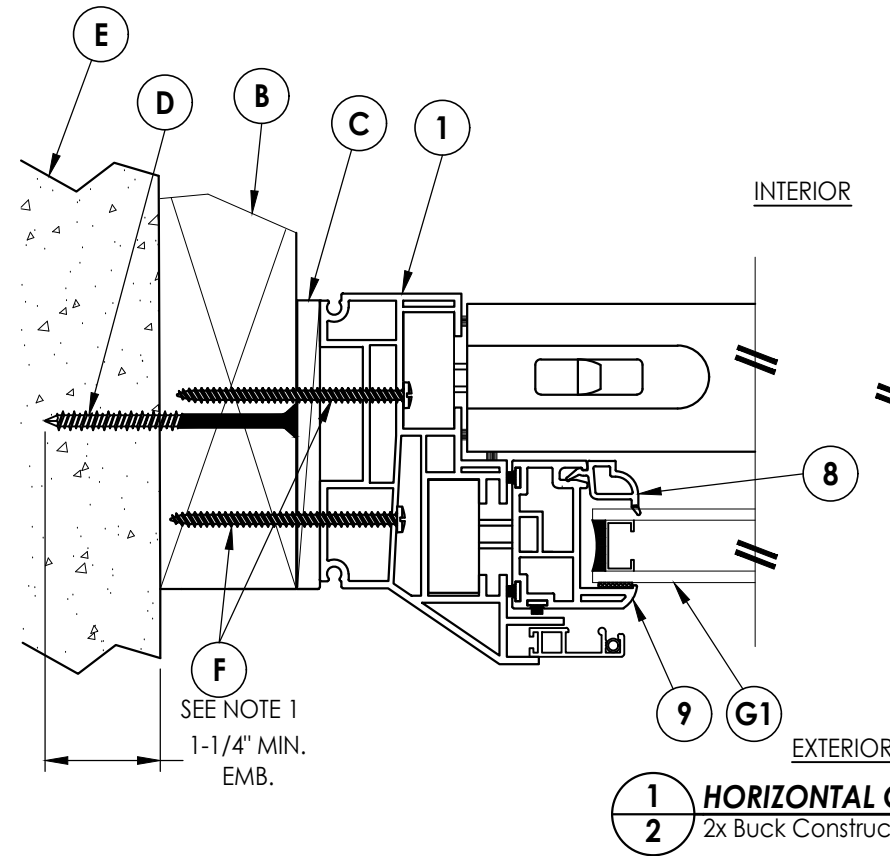
LFS
DAC
LFS
LFS
BY

REVISIONS

DATE: 11/25/08
SCALE: N.T.S.
DWG. BY: AL
CHK. BY: LFS
DRAWING NO.: FL-11720.4
SHEET 1 OF 6

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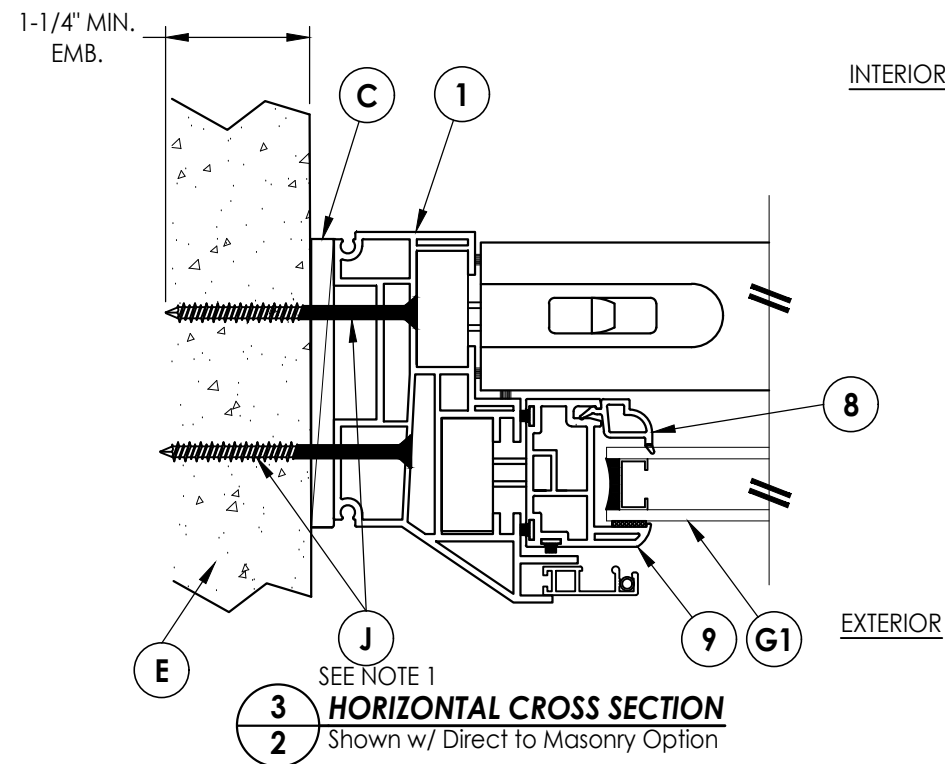
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SEE NOTE 1

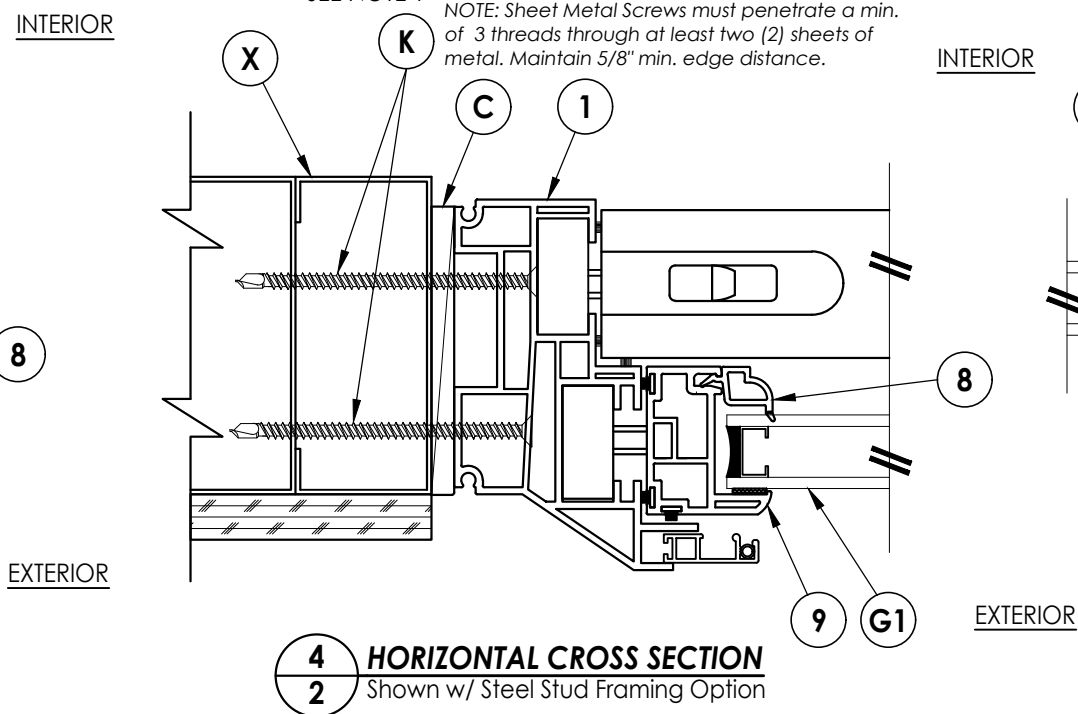
NOTES:

1. Anchors located above the meeting rail are in the interior track and anchors located below the meeting rail are in the exterior track.



SEE NOTE 1

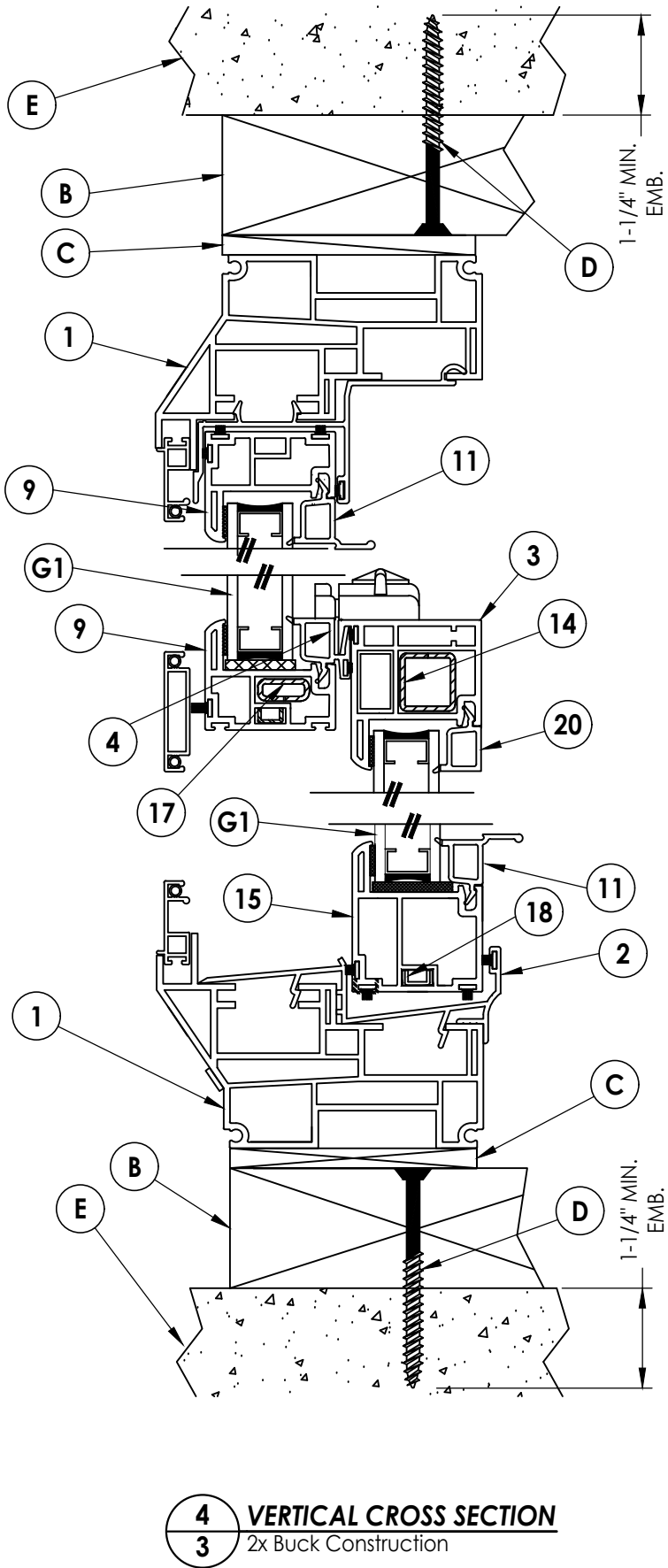
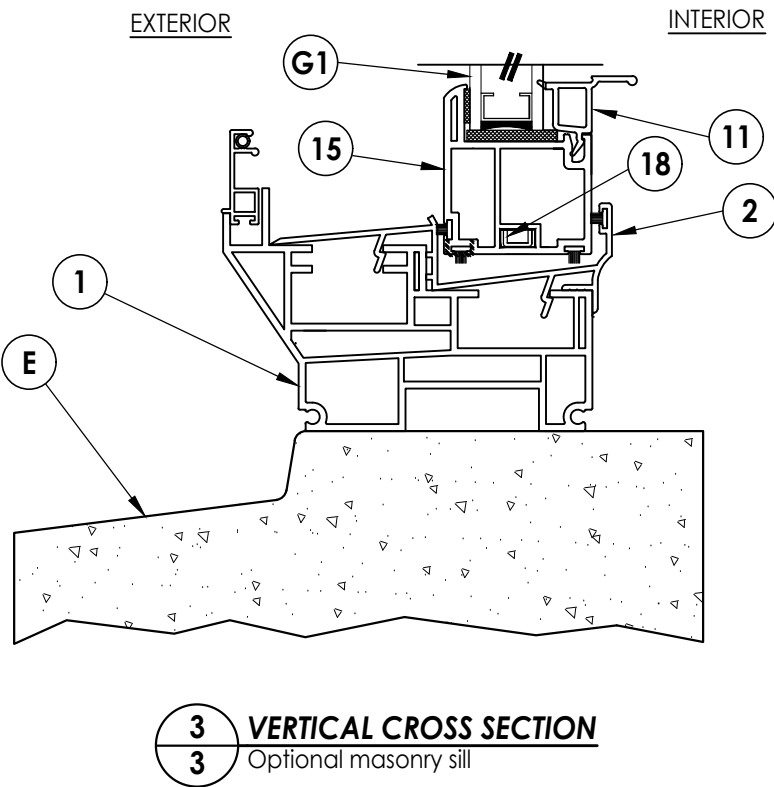
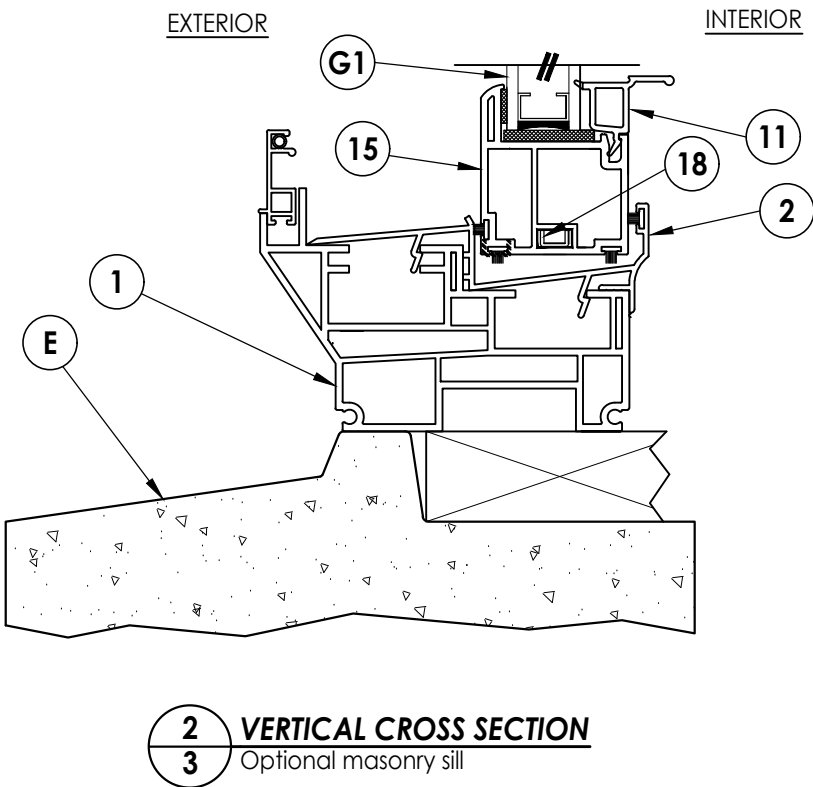
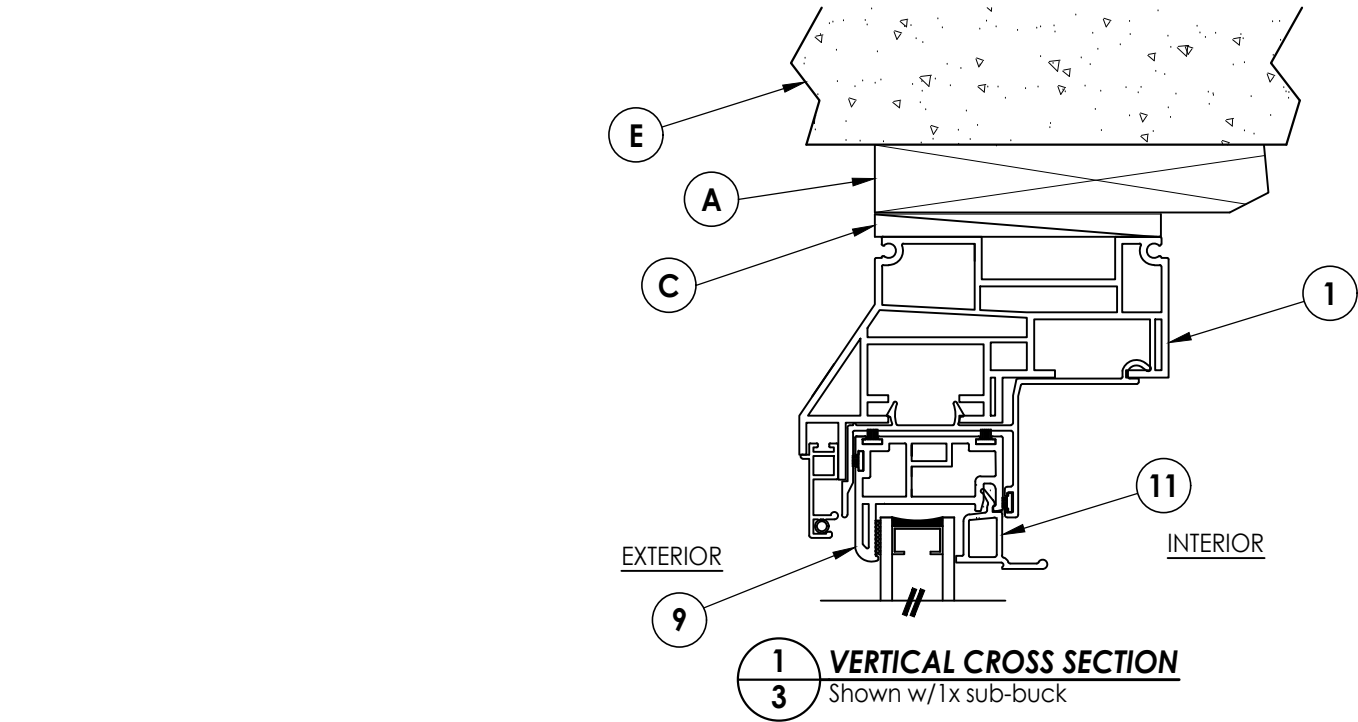
K NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through at least two (2) sheets of metal. Maintain 5/8" min. edge distance.

[illegible]

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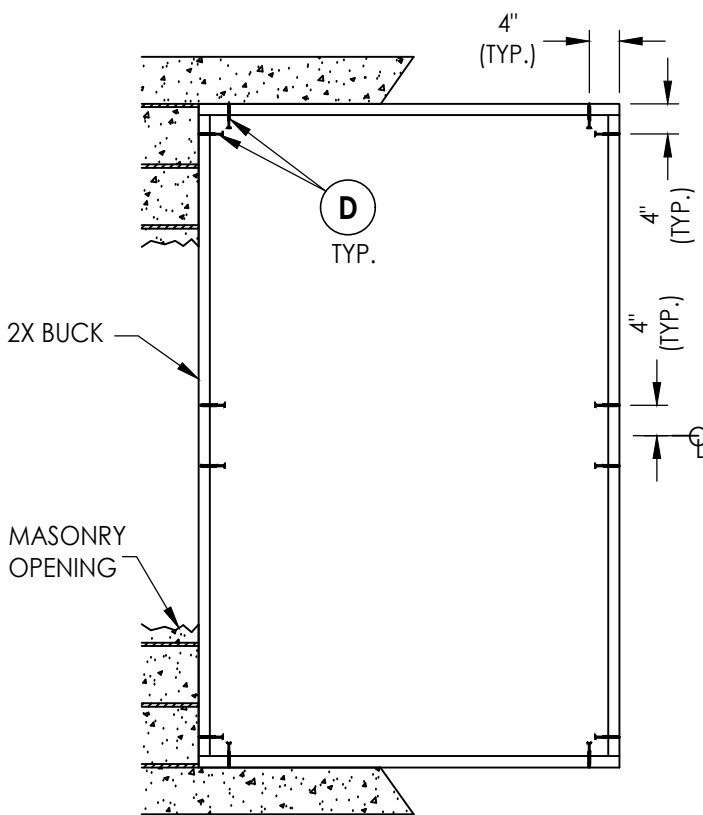
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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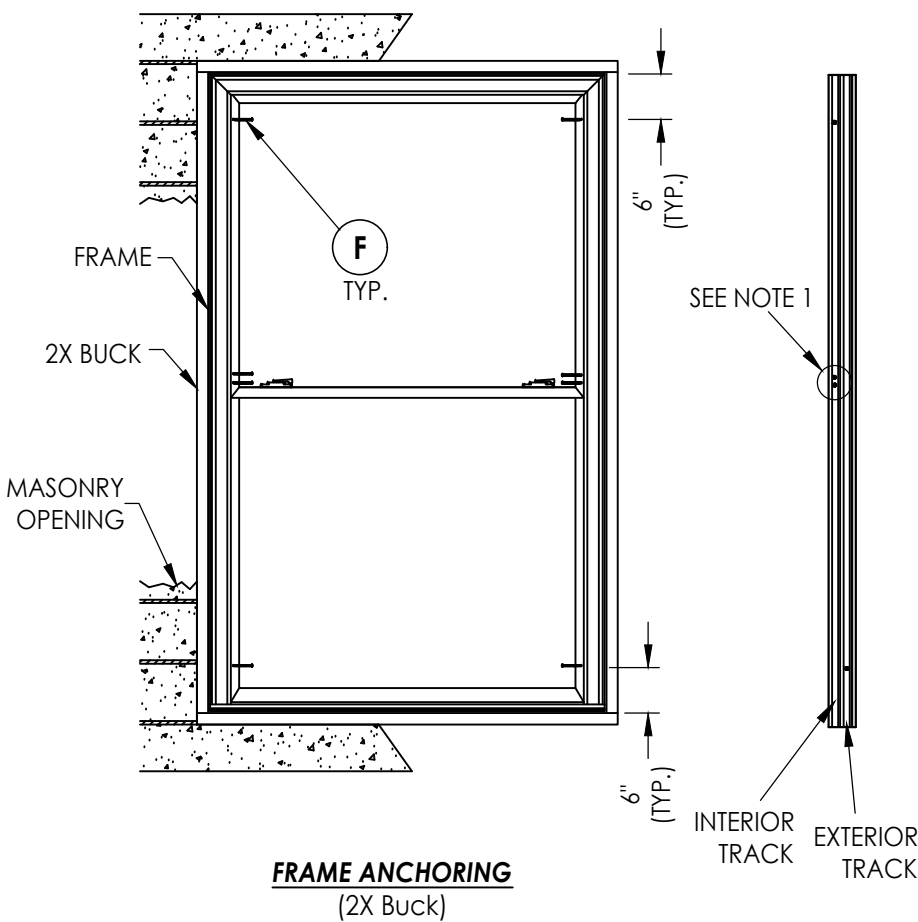


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PRODUCT:		DOUBLE HUNG WINDOW		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS		REVISIONS		DATE		BY	
7	7/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS									
6	8/18/20	UPDATE TO 7TH ED. (2020)	FBC	DAC									
5	2/19/19	REVISED DRAWING (NEW TESTING)	LFS										
4	8/09/17	UPDATE TO 6TH ED. (2017)	FBC	LFS									
DATE:		11/25/08		SCALE:		N.T.S.		DWG. BY:		AL		CHK. BY:	
DRAWING NO.:		FL-11720.4		SHEET		3		OF		6			

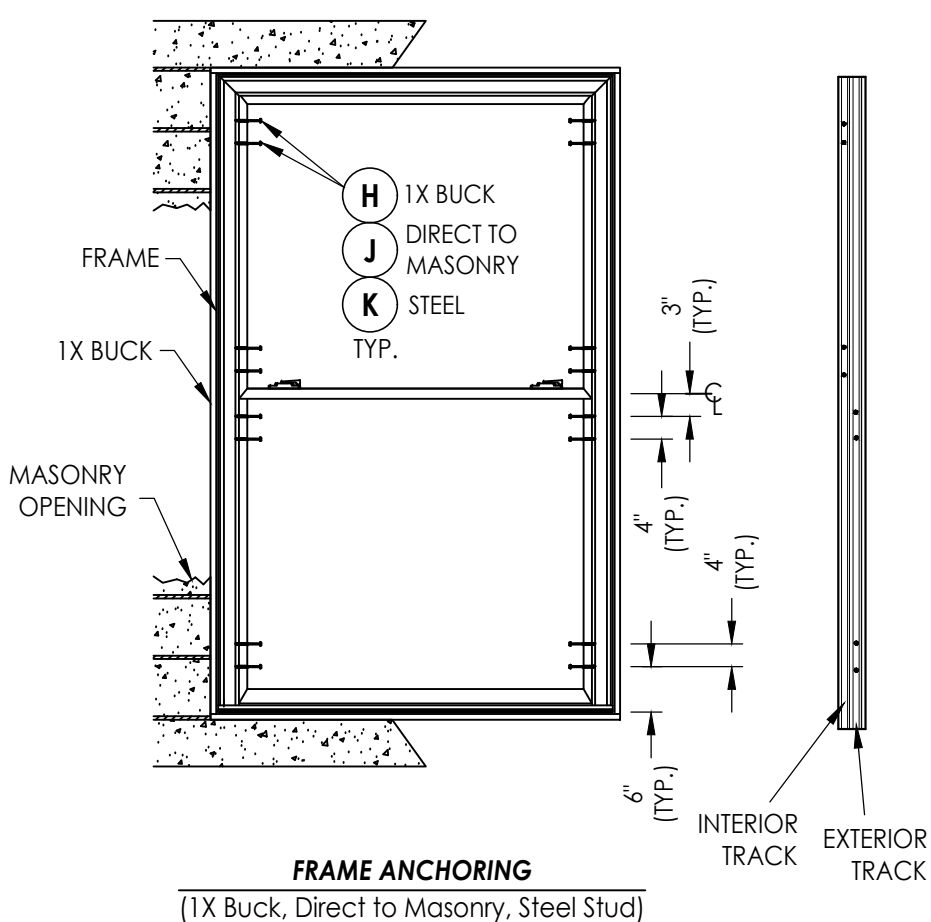
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BUCK ANCHORING



FRAME ANCHORING
(2X Buck)



FRAME ANCHORING
(1X Buck, Direct to Masonry, Steel Stud)

NOTE:
1. (2) #8 x 2-1/2" PH wood screws located through the HP-1 tilt latch clip located at the lock rail each side.

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"	1"	4"

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.

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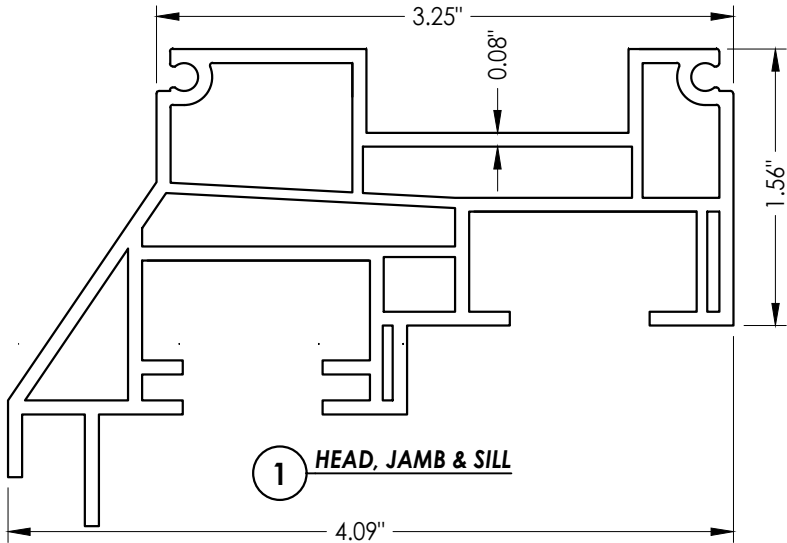
PRODUCT:
DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

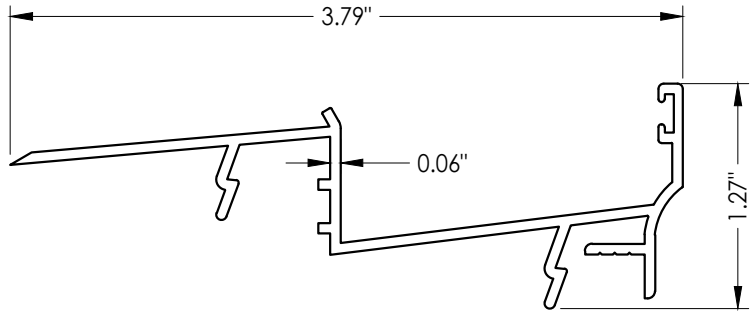
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7	7/17/23	UPDATE TO 8TH ED. (2023) FBC LFS
6	8/18/20	UPDATE TO 7TH ED. (2020) FBC DAC
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SCALE: N.T.S.
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DRAWING NO.: FL-11720.4
SHEET 4 OF 6

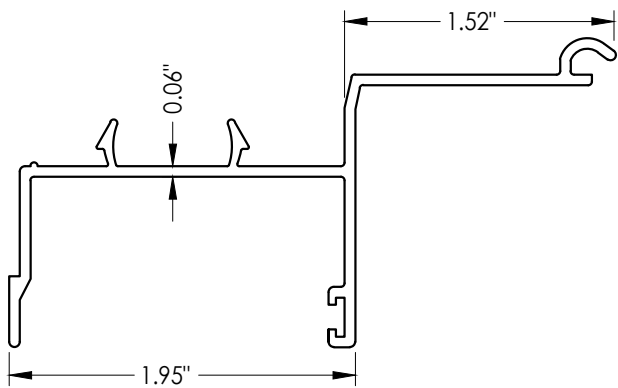
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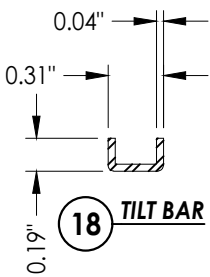
1 HEAD, JAMB & SILL



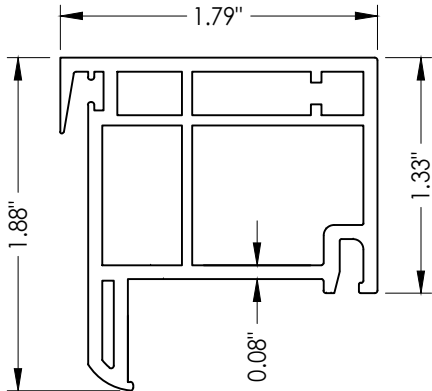
2 SILL INSERT



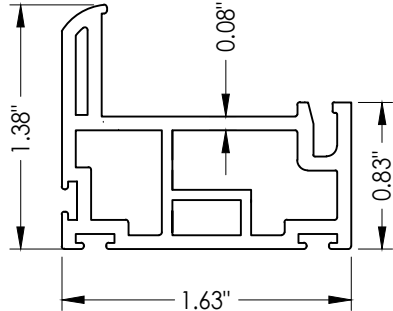
7 HEAD INSERT



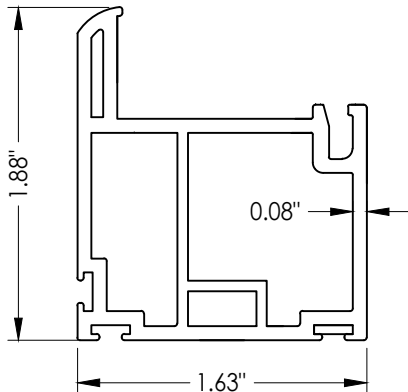
18 TILT BAR



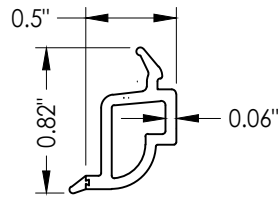
3 LOCK RAIL



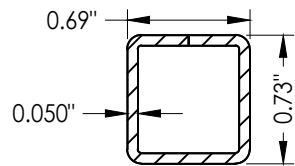
9 TOP SASH STILE & RAIL



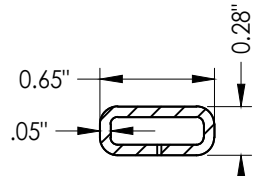
15 BOTTOM SASH STILE & RAIL



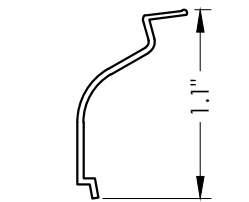
8 GLAZING BEAD



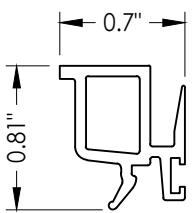
14 SASH STILE AND RAIL
Reinforcement



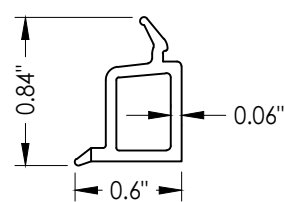
17 MEETING RAIL REINFORCEMENT



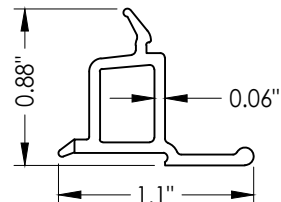
10 BALANCE COVER



4 MEETING RAIL
Bead



20 SASH RAIL
Bead



11 SASH RAIL
Bead

NO.	DATE	REVISIONS			
		NO.	DATE	BY	LFS
7	7/17/23	UPDATE TO 8TH ED.	(2023)	FBC	LFS
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5	2/19/19	REVISED DRAWING (NEW TESTING)		LFS	
4	8/09/17	UPDATE TO 6TH ED.	(2017)	FBC	LFS

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CHK. BY:	LFS
DRAWING NO.:	FL-11720.4
SHEET	5 OF 6

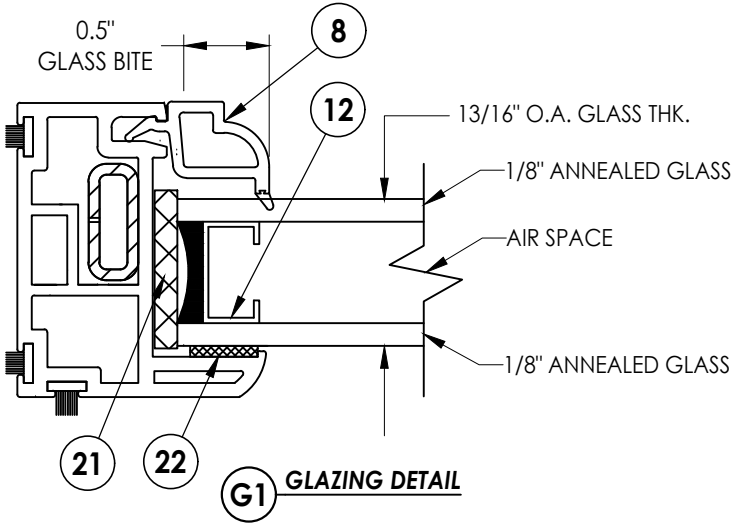
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.42)	WOOD
B	2X BUCK (G >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8 X 2-1/2" PFH WOOD SCREW (1-5/16" MIN. EMBEDMENT)	STEEL
H	1/4" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
K	#10 PFH SELF-DRILLING SMS	STEEL
X	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
1	EXTRUDED VINYL HEAD, JAMB AND SILL *	RIGID PVC
2	EXTRUDED VINYL SILL INSERT *	RIGID PVC
3	EXTRUDED VINYL LOCK RAIL *	RIGID PVC
4	EXTRUDED VINYL MEETING RAIL BEAD *	RIGID PVC
5	SASH REINFORCEMENT	STEEL
7	EXTRUDED VINYL HEAD INSERT *	RIGID PVC
8	EXTRUDED VINYL GLAZING BEAD*	RIGID PVC
9	EXTRUDED VINYL TOP SASH STILE & RAIL*	RIGID PVC
10	BALANCE COVER	-
11	EXTRUDED VINYL SASH RAIL BEAD*	RIGID PVC
12	STEEL INTERCEPT SPACER	STEEL
13	SWEEP LOCK	STEEL
14	LOCK RAIL REINFORCEMENT	STEEL
15	EXTRUDED VINYL BOTTOM SASH STILE & RAIL*	RIGID PVC
17	SASH STILE AND RAIL REINFORCEMENT	STEEL
18	TILT BAR	STEEL
20	EXTRUDED VINYL SASH RAIL BEAD*	RIGID PVC
21	NEOPRENE SETTING BLOCK	NEOPRENE
22	GLAZING TAPE	-

* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



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DOUBLE HUNG WINDOW

PRODUCT:

PART OR ASSEMBLY:

BILL OF MATERIALS
AND GLAZING DETAILS

7

7/17/23

UPDATE TO 8TH ED. (2023)

FBC

LFS

6

8/18/20

UPDATE TO 7th ED. (2020)

FBC

DAC

5

2/19/19

REVISED DRAWING (NEW TESTING)

LFS

4

8/09/17

UPDATE TO 6TH ED. (2017)

FBC

LFS

NO.

DATE

BY

REVISIONS

DATE: 11/25/08

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CHK. BY: LFS

DRAWING NO.: FL-11720.4

SHEET 6 OF 6

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