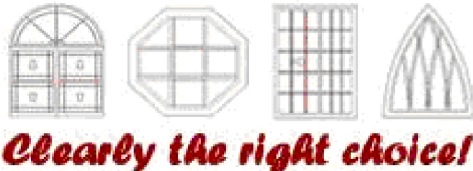


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Clearly the right choice!

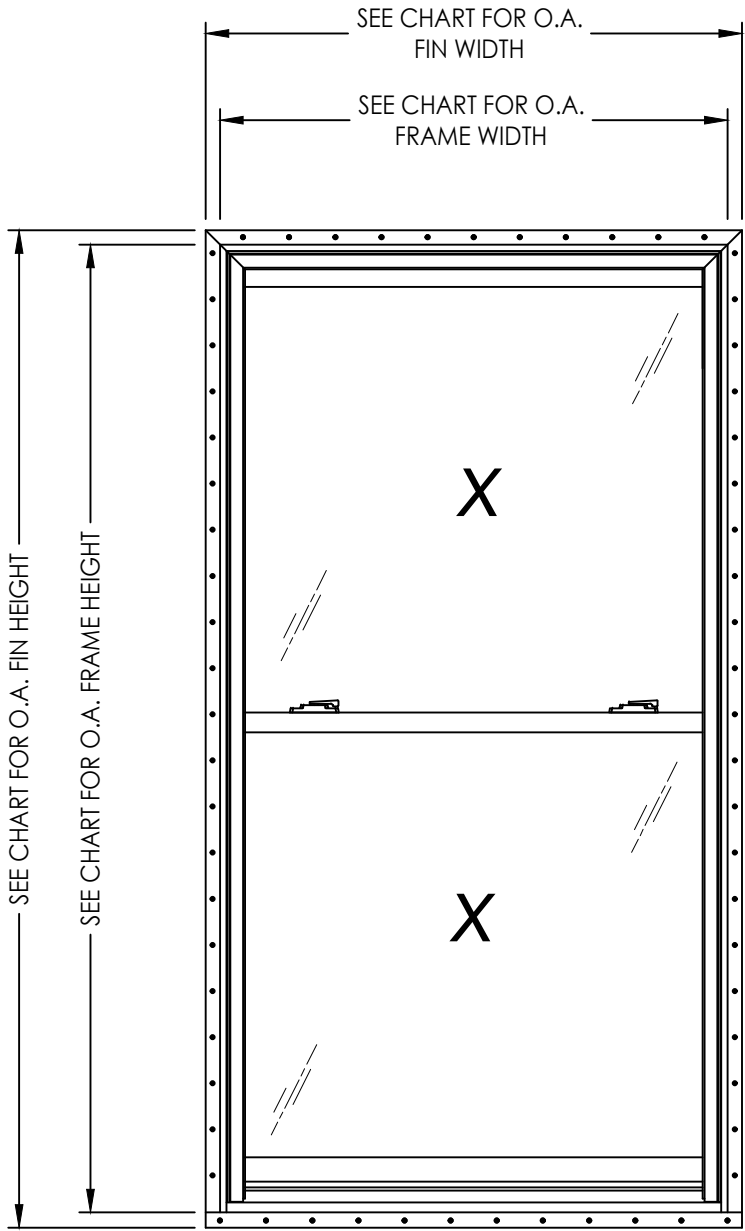
287 FREEHILL RD.
HENDERSONSVILLE, TN 37075

**SERIES 8065
EXTRUDED VINYL
DOUBLE HUNG WINDOW
w/ NAILING FIN
"NON-IMPACT"**

GENERAL NOTES

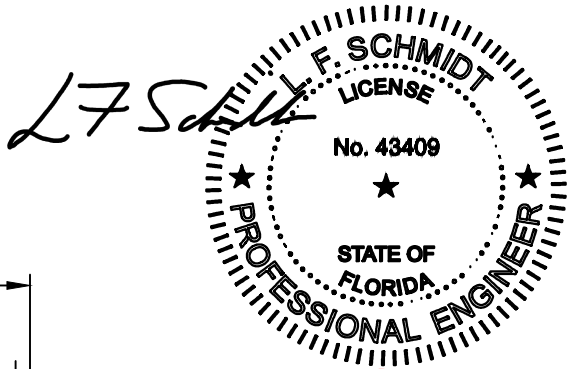
1. This product anchoring drawing has been developed in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifications and ratings.
2. Product anchors shall 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. 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 elevation, general notes & design pressure
2	Vertical & horizontal cross sections masonry construction
3	Vertical & horizontal cross sections stud construction
4	Buck & frame anchoring
5	Bill of materials, components and glazing detail



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
46.5" X 74.5"	44.0" X 72.0"	40.0" X 31.25"	G1	+50.0	-50.0
38.5" X 86.5"	36.0" X 84.0"	32.0" X 37.25"	G1	+50.0	-50.0

Note: Maximum width and height occur on separate units.



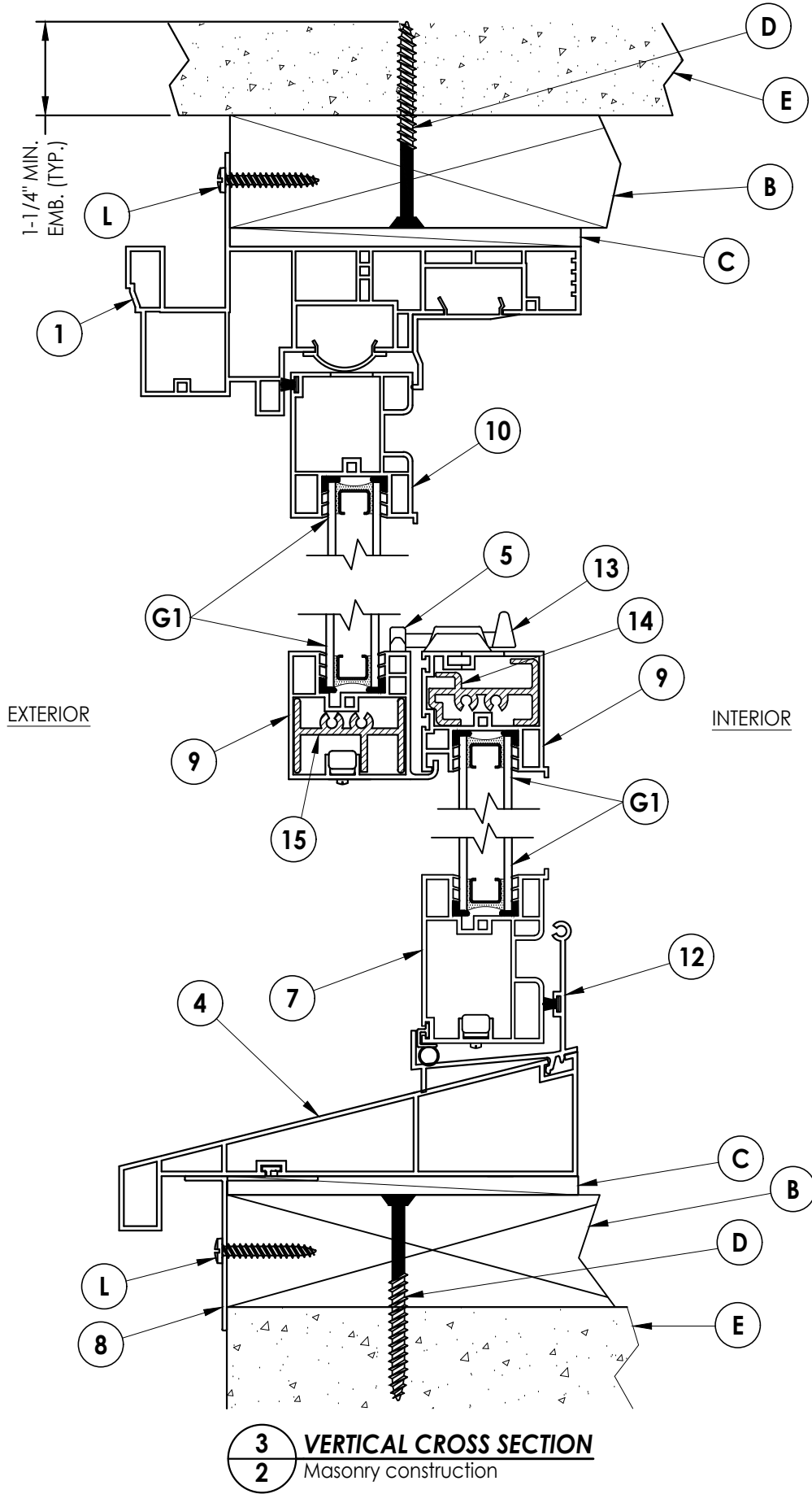
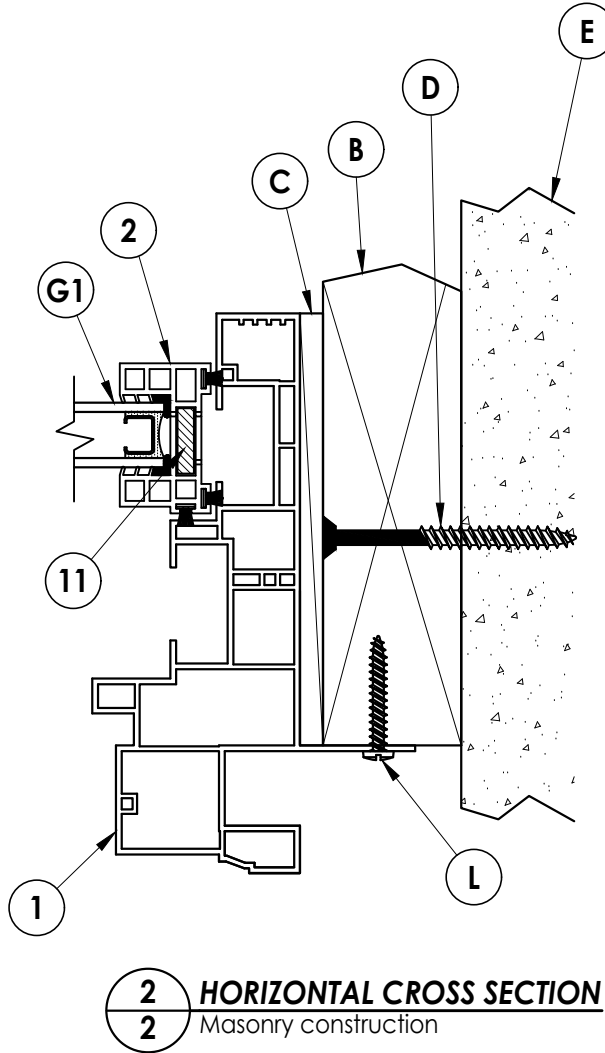
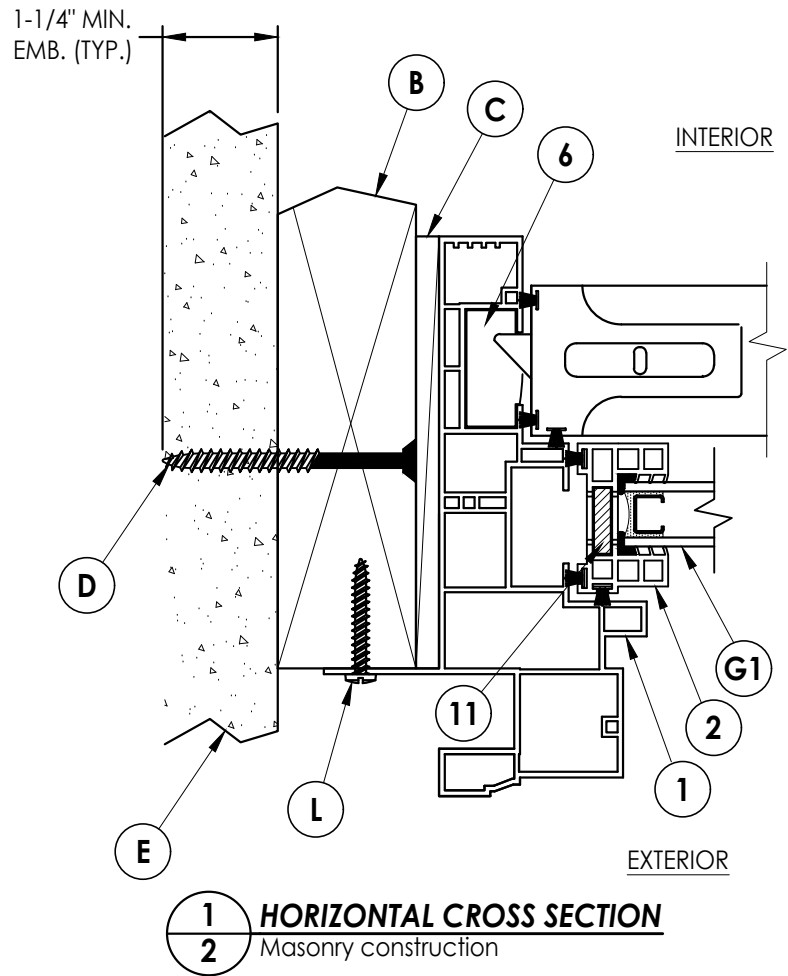
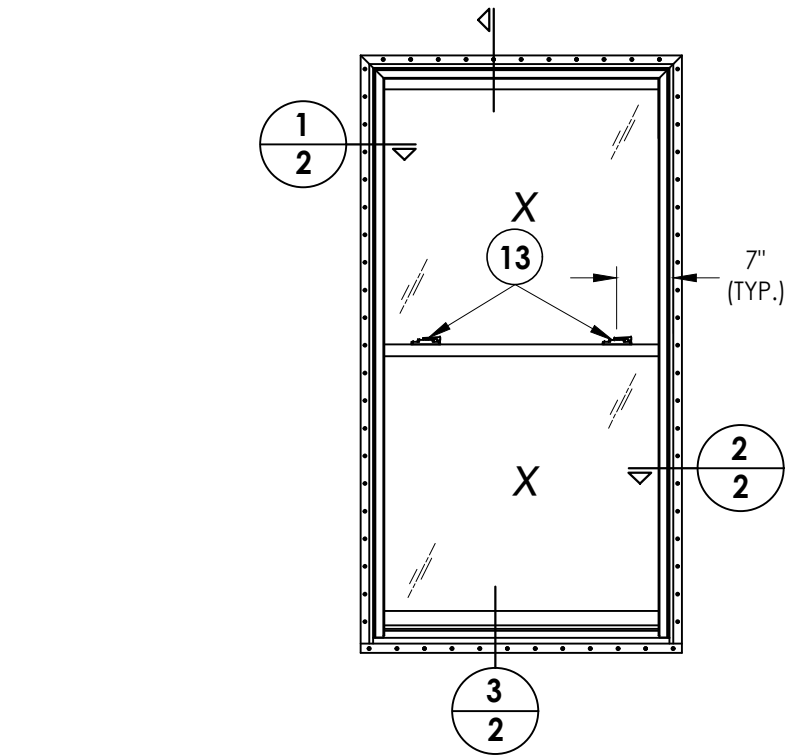
Digitally signed by Lyndon F Schmidt
Date: 2023.12.12 16:22:14 -05'00'

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		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: DOUBLE HUNG WINDOW		PART OR ASSEMBLY: TYPICAL ELEVATION, GENERAL NOTES & DESIGN PRESSURE	
6	9/18/23	UPDATE TO 8TH ED. (2023) FBC	LFS
5	9/03/20	UPDATE TO 7TH ED. (2020) FBC	LFS
4	8/2/17	UPDATE TO 6TH ED. (2017) FBC	JK
3	4/30/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO. DATE		REVISIONS	
DATE: 09/08/09		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-9604.1		SHEET 1 OF 5	

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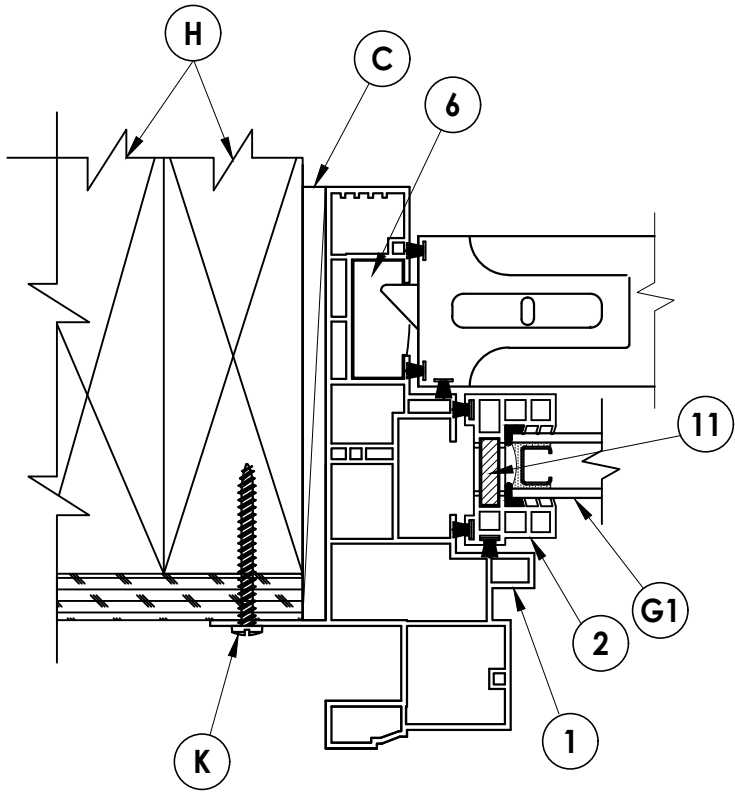
DATE:	09/08/09
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-9604.1
SHEET	2 OF 5

PRODUCT:	DOUBLE HUNG WINDOW
PART OR ASSEMBLY:	VERTICAL & HORIZONTAL CROSS SECTIONS MASONRY CONSTRUCTION

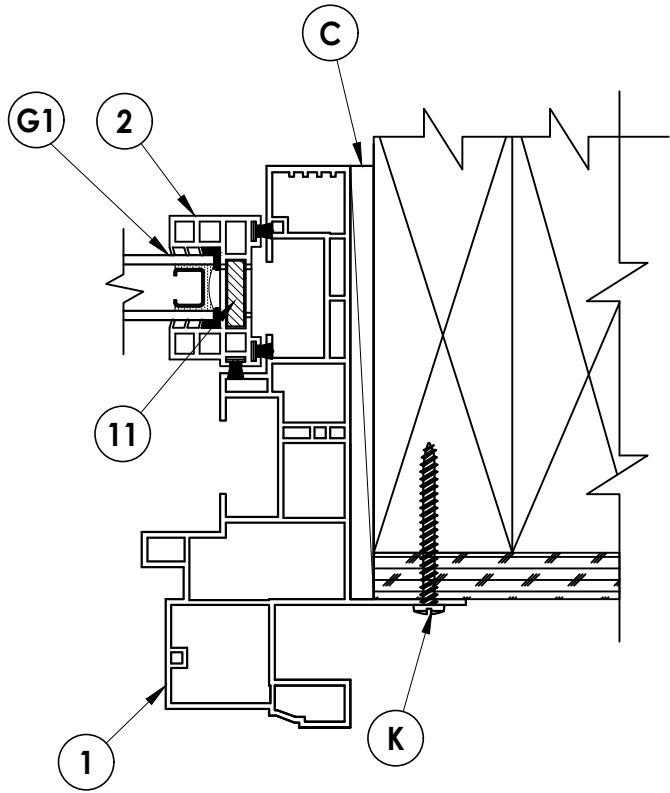
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

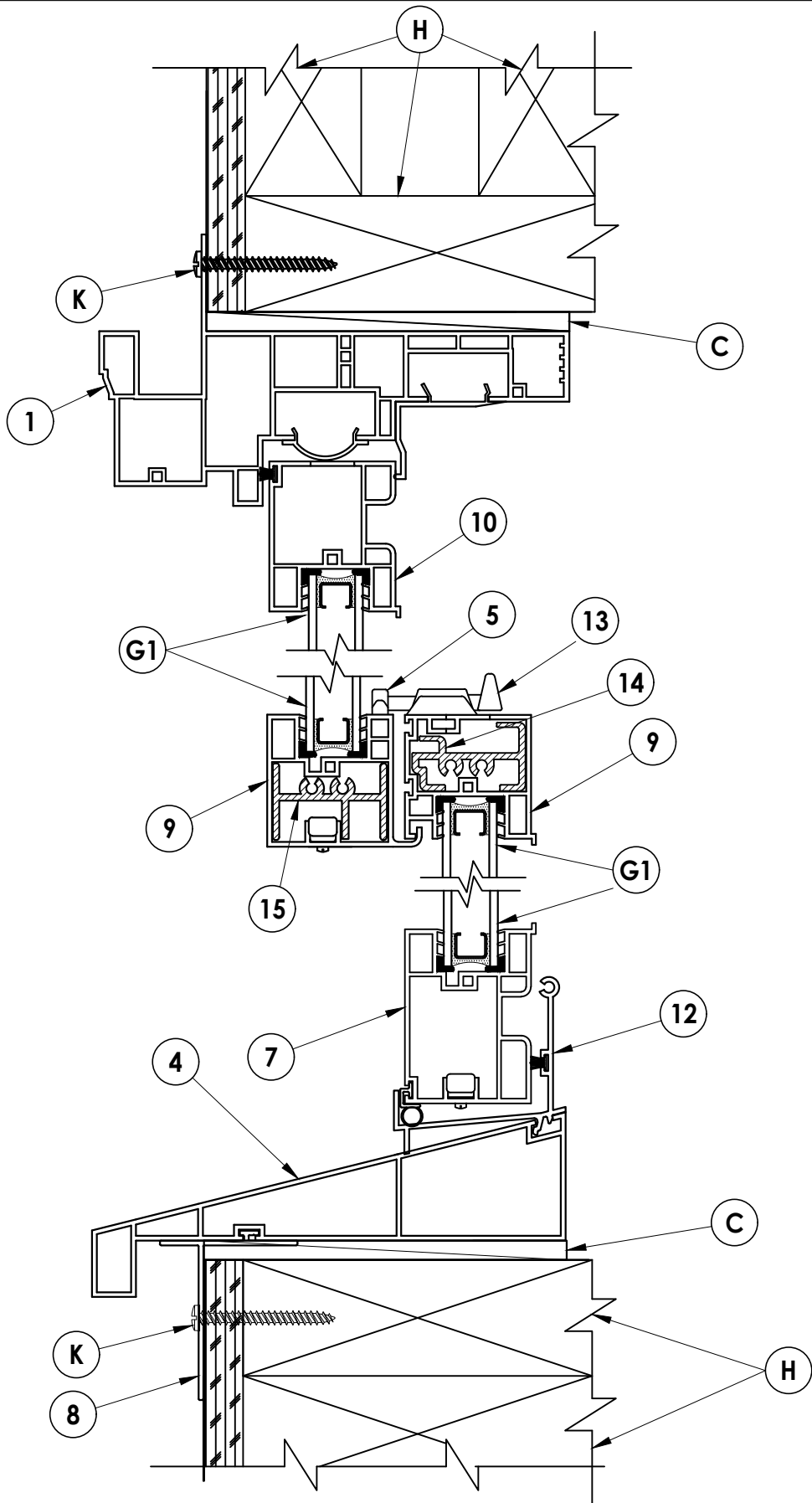
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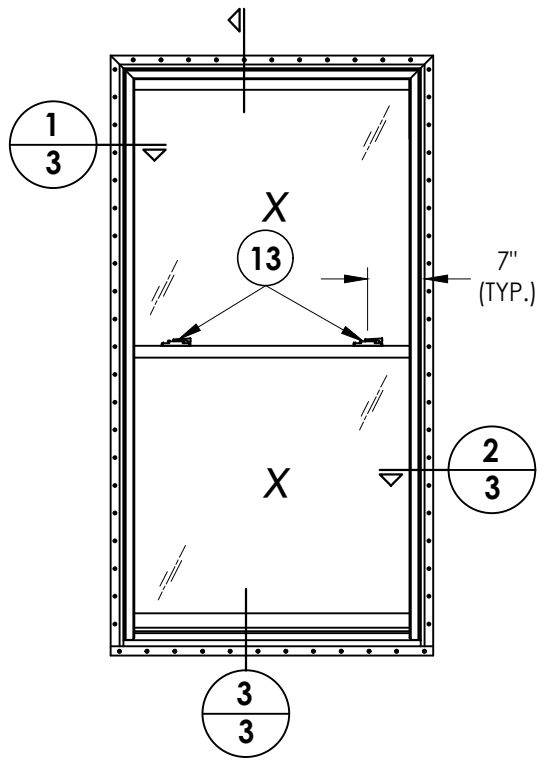
1 HORIZONTAL CROSS SECTION
Stud construction



2 HORIZONTAL CROSS SECTION
Stud construction



3 VERTICAL CROSS SECTION
Stud construction



Documents Prepared By:
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P.E. No. 43409

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Phone No.: 813.659.9197
FBPE Registry No. 9813

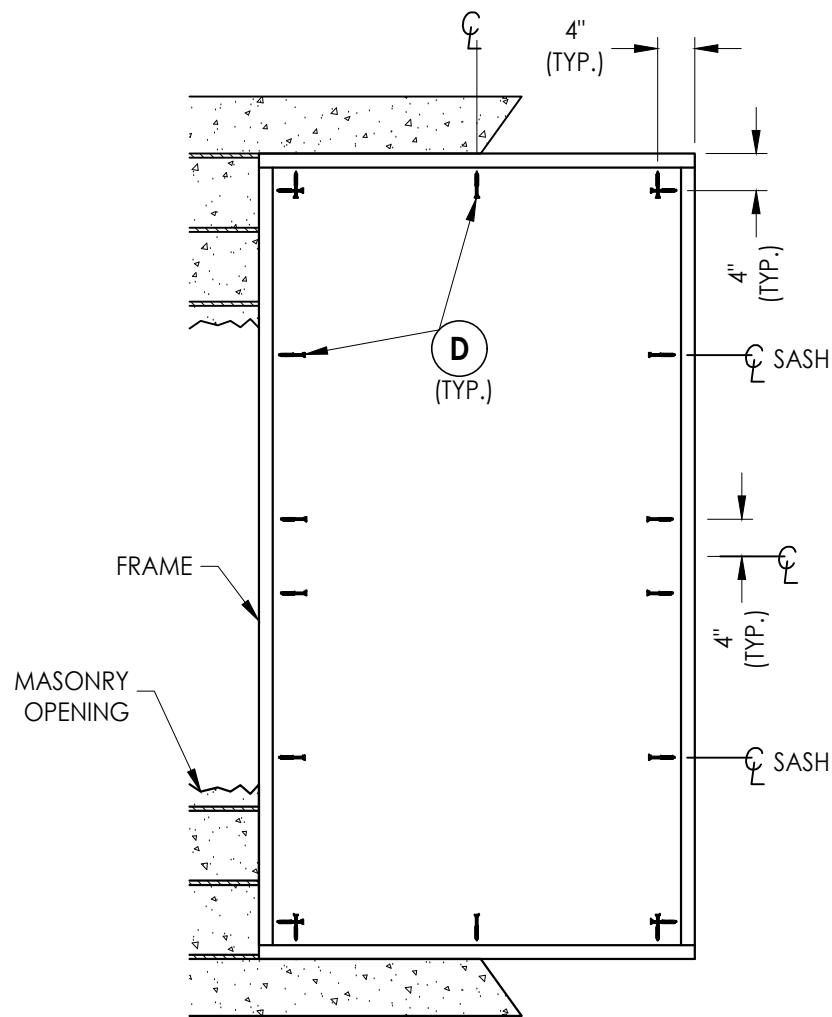
PRODUCT:
DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
VERTICAL & HORIZONTAL CROSS
SECTIONS STUD CONSTRUCTION

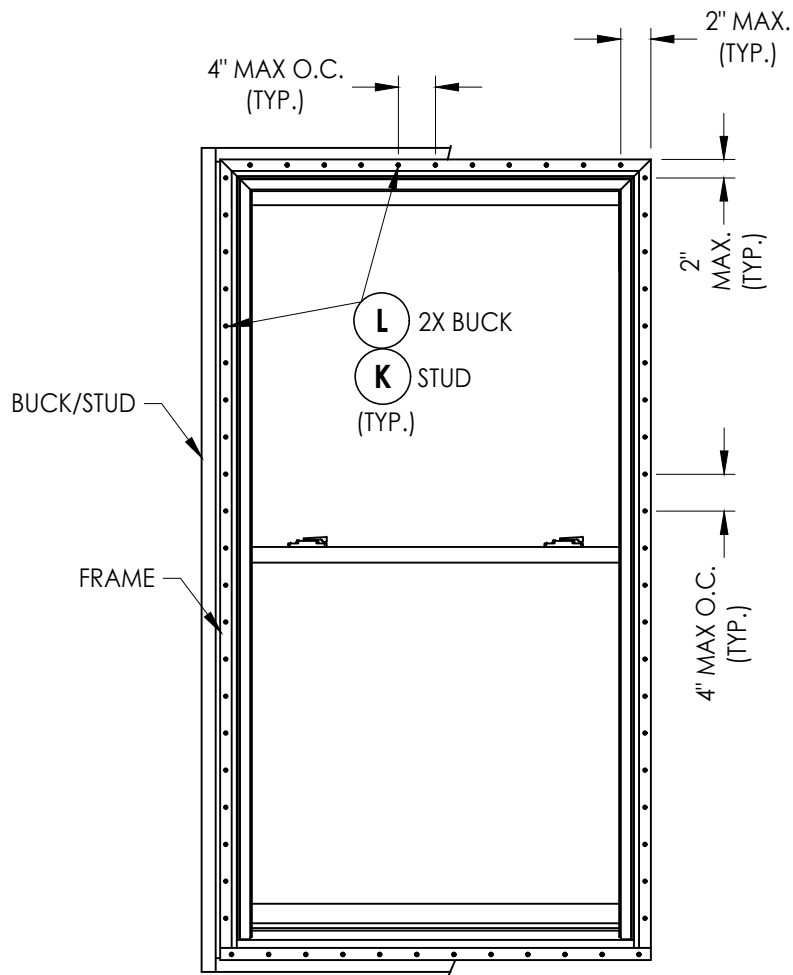
NO.	DATE	REVISIONS		
		BY	JK	JK
6	9/18/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	9/03/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
4	8/2/17	UPDATE TO 6TH ED. (2017)	FBC	JK
3	4/30/15	UPDATE TO 5TH ED. (2014)	FBC	JK

DATE: 09/08/09
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-9604.1
SHEET 3 OF 5

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BUCK ANCHORING



FRAME ANCHORING

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.

		6	9/18/23	UPDATE TO 8TH ED. (2023)	FBC LFS
		5	9/03/20	UPDATE TO 7TH ED. (2020)	FBC LFS
		4	8/2/17	UPDATE TO 6TH ED. (2017)	FBC JK
		3	4/30/15	UPDATE TO 5TH ED. (2014)	FBC JK
		NO.	DATE		BY
REVISIONS					

DATE: 09/08/09

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-9604.1

SHEET 4 OF 5

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

RW

DOUBLE HUNG WINDOW

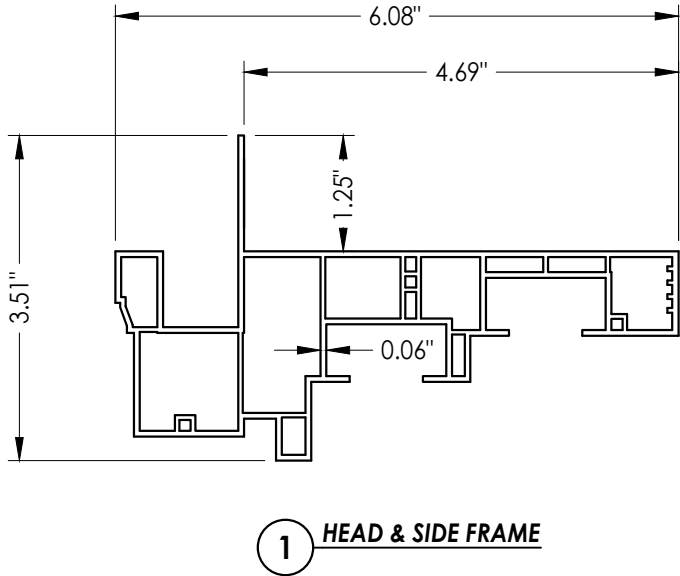
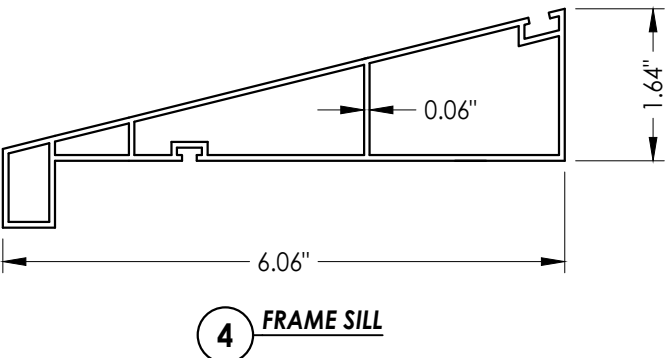
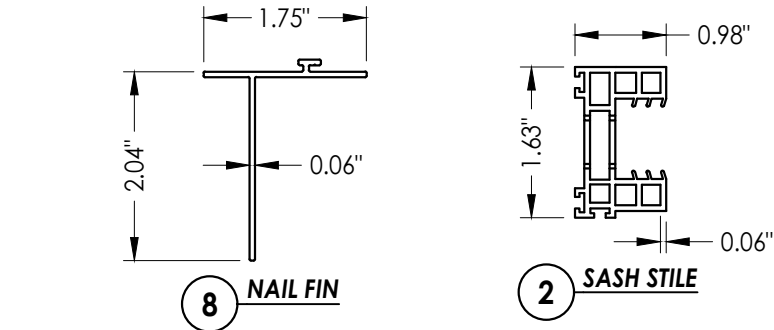
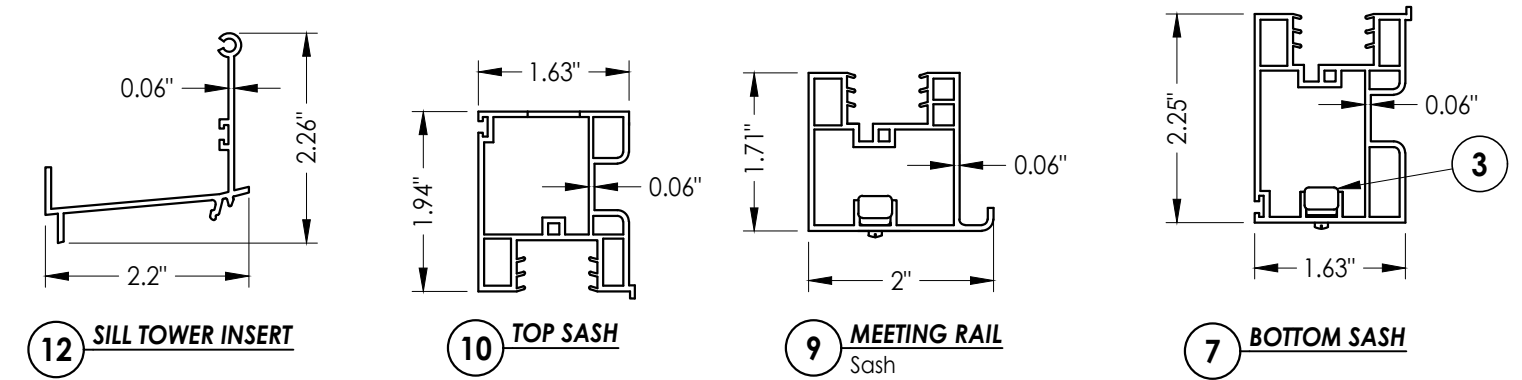
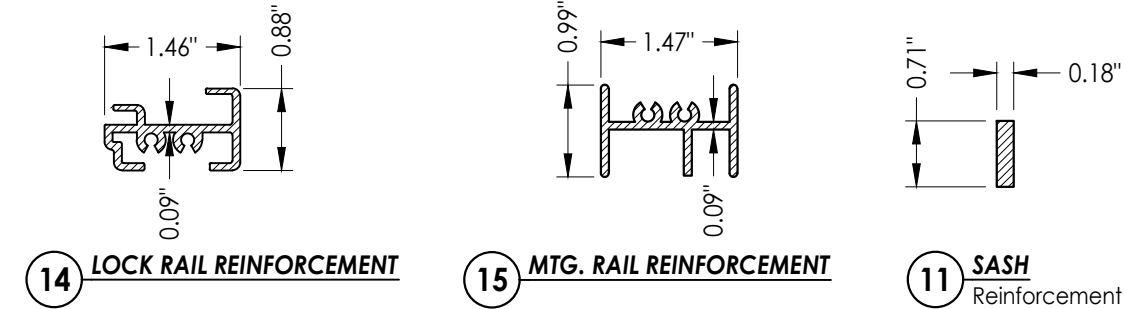
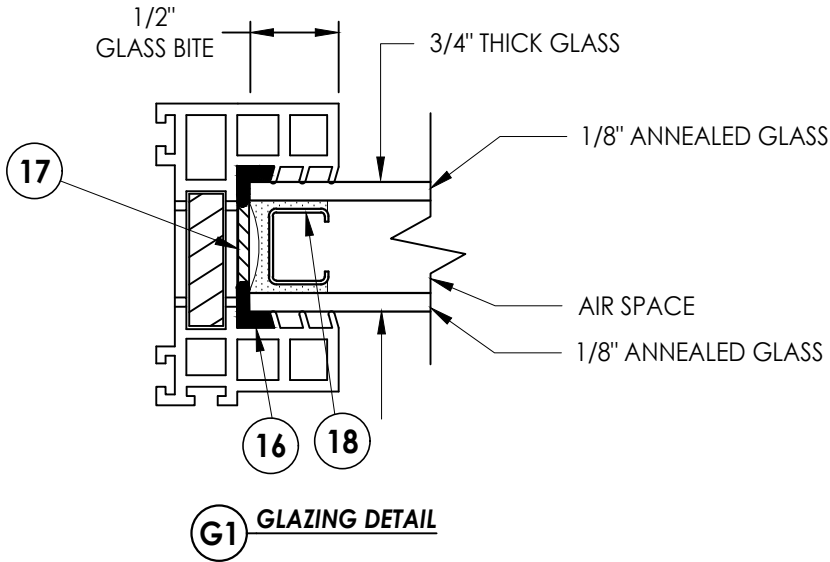
PART OR ASSEMBLY:

BUCK AND FRAME ANCHORING

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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" 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
H	2X FRAMING (SG >= 0.42)	WOOD
K	#10 X 2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
L	#10 X 1-1/2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
1	HEAD & SIDE FRAME *	RIGID PVC
2	SASH STILE *	RIGID PVC
3	PIVOT BAR	STEEL
4	FRAME SILL *	RIGID PVC
5	KEEPER	STEEL
6	SPRING BALANCER	-
7	BOTTOM SASH *	RIGID PVC
8	NAIL FIN	ALUM.
9	MEETING RAIL SASH *	RIGID PVC
10	TOP SASH *	RIGID PVC
11	SASH REINFORCEMENT (6063-T6)	ALUM.
12	SILL TOWER INSERT *	RIGID PVC
13	SWEEP LOCK	STEEL
14	LOCK RAIL REINFORCEMENT (6063-T6)	ALUM.
15	MTG. RAIL REINFORCEMENT (6063-T6)	ALUM.
16	SILICONE BACK BEDDING (NOVAGARD NOVAFLEX)	SILICONE
17	SETTING BLOCK	EPDM
18	INTERCEPT GLAZING SPACER (TINPLATE STEEL)	STEEL

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



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: DOUBLE HUNG WINDOW

PART OR ASSEMBLY: BILL OF MATERIALS, COMPONENTS AND GLAZING DETAIL

		REVISIONS			
NO.	DATE	BY	JK	JK	JK
6	9/18/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
5	9/03/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
4	8/2/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
3	4/30/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE: 09/08/09

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-9604.1

SHEET 5 OF 5