

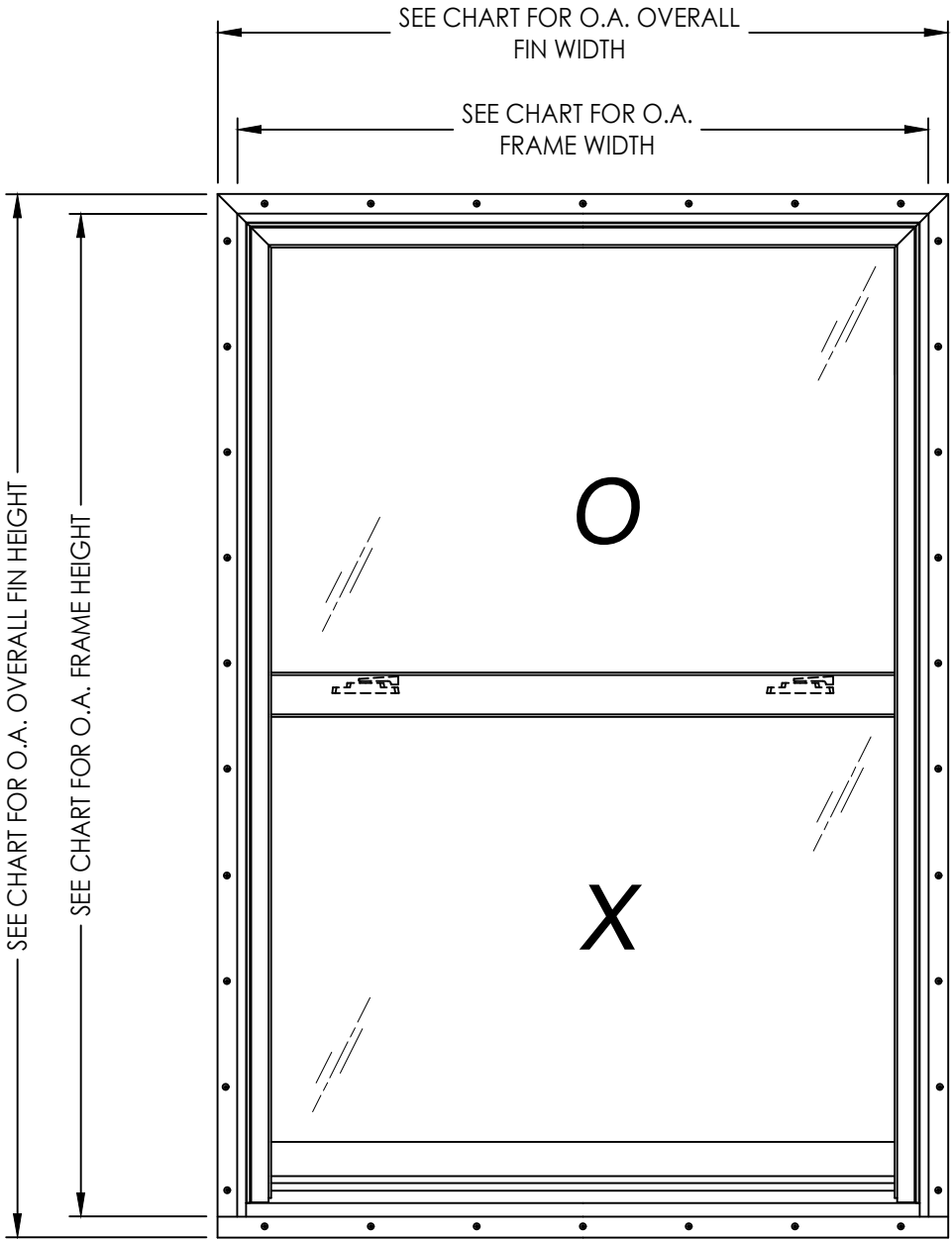
287 FREEHILL RD.
HENDERSONSVILLE, TN 37075

SERIES 5610
EXTRUDED VINYL SINGLE HUNG WINDOW
W/ NAILING FIN
"NON-IMPACT"

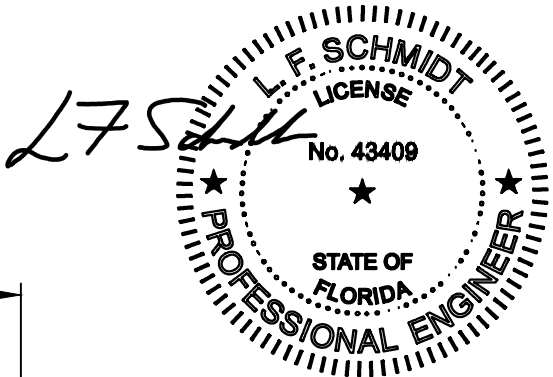
GENERAL NOTES

- 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 pressures
2	Vertical & horizontal cross sections masonry construction
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4	Buck & frame anchoring
5	Bill of materials & components



OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	MAX. DAYLIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
50.5" x 79.31"	48.0" x 76.0"	44.0" x 34.0"	G2	+35.0	-35.0
50.5" x 63.31"	48.0" x 60.0"	44.0" x 26.0"	G1	+40.0	-40.0
38.5" x 75.31"	36.0" x 72.0"	32.0" x 32.0"	G2	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2023.12.13 16:41:24 -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

PRODUCT:
SINGLE HUNG WINDOW

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

5	9/20/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	9/03/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
3	08/02/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	4/30/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
1	10/17/11	UPDATE TO 2010	FBC	JK
NO.	DATE			BY

REVISIONS

DATE: 01/29/09

SCALE: N.T.S.

DWG. BY: DWS

CHK. BY: LFS

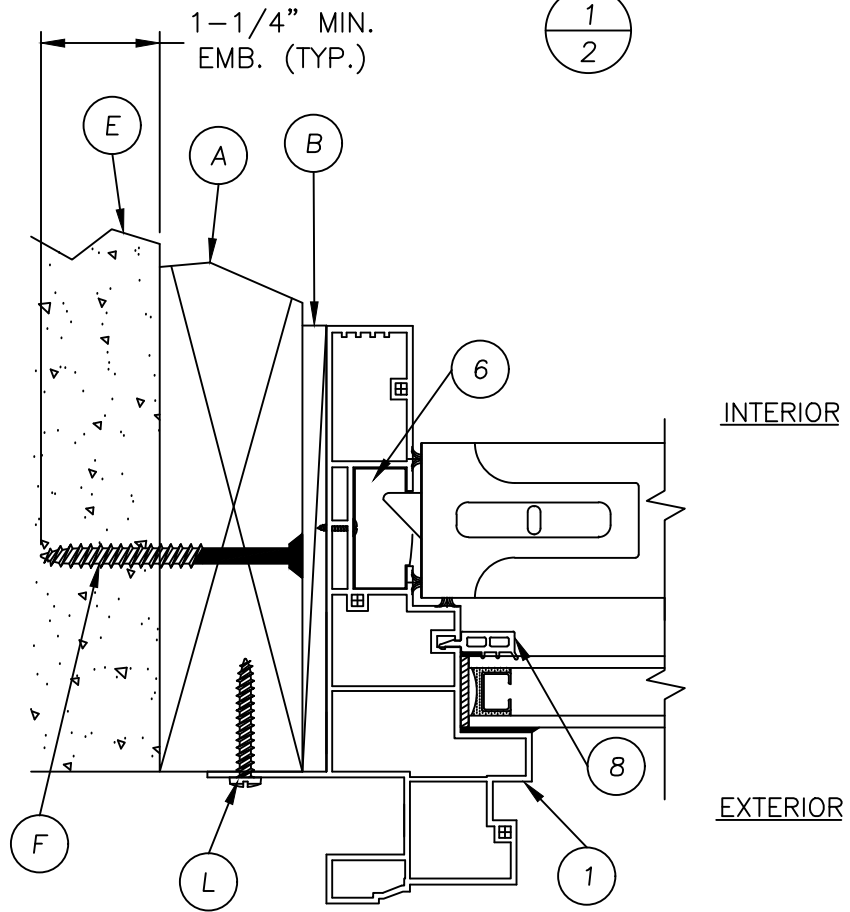
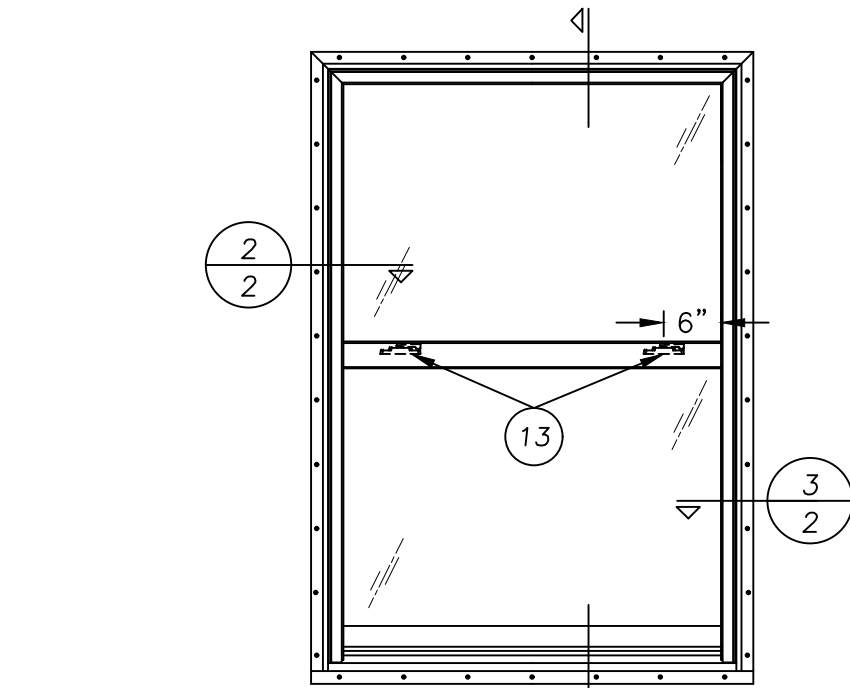
DRAWING NO.: FL-9607.2

SHEET 1 OF 5

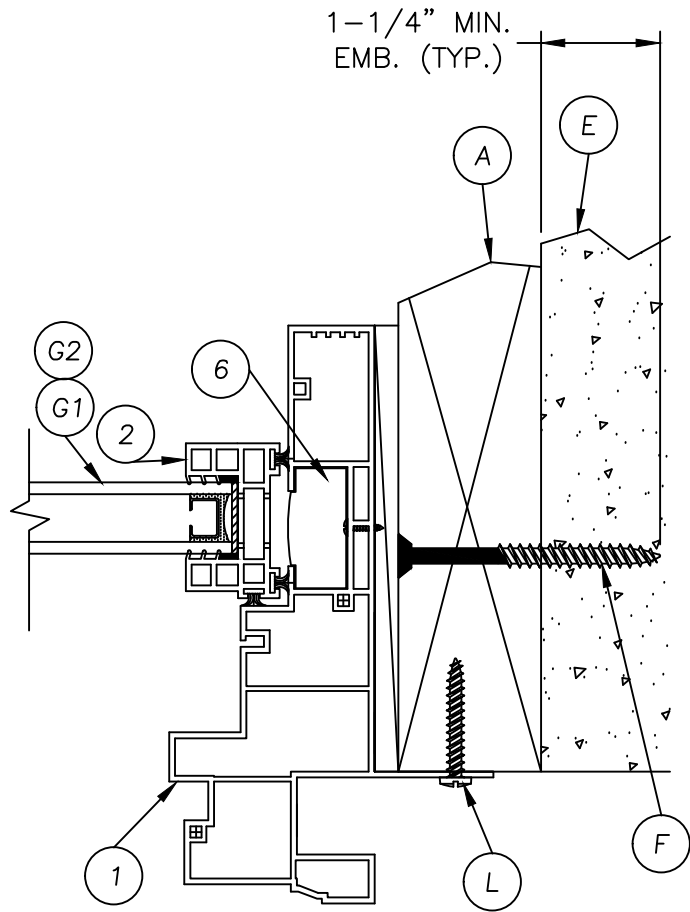
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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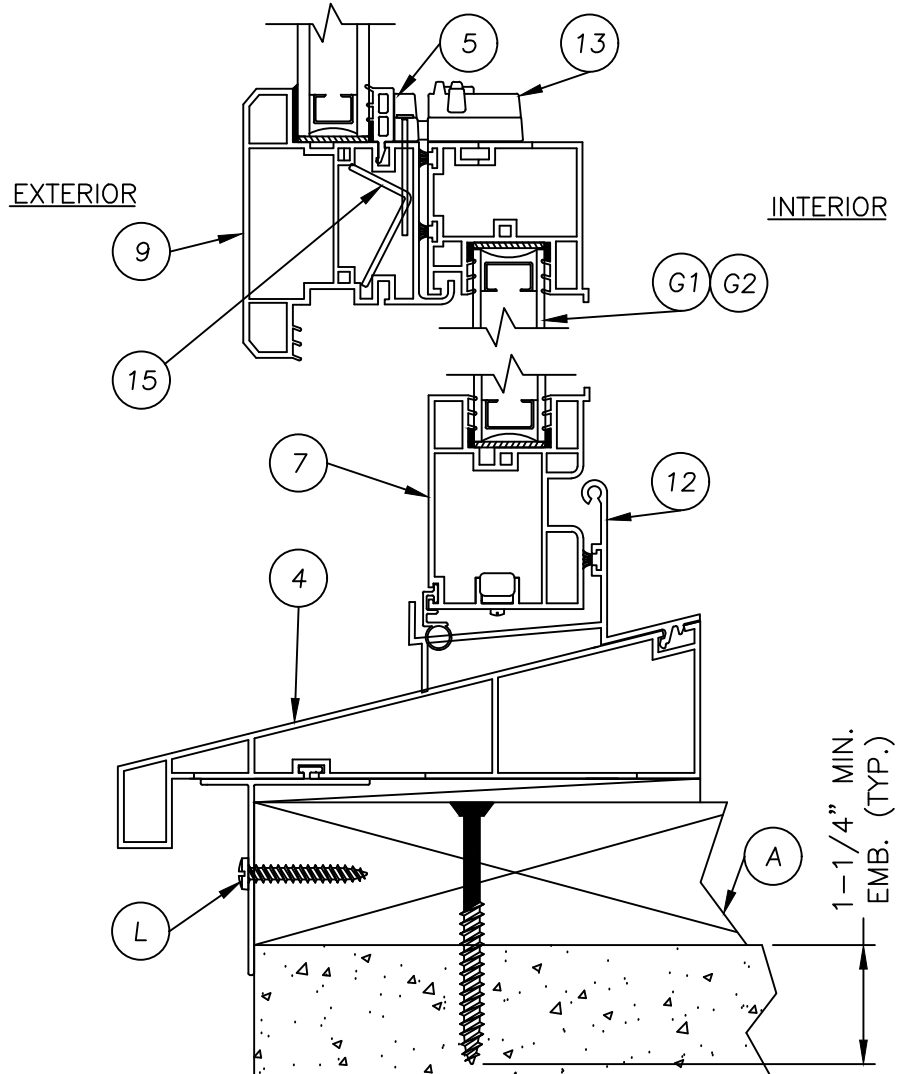
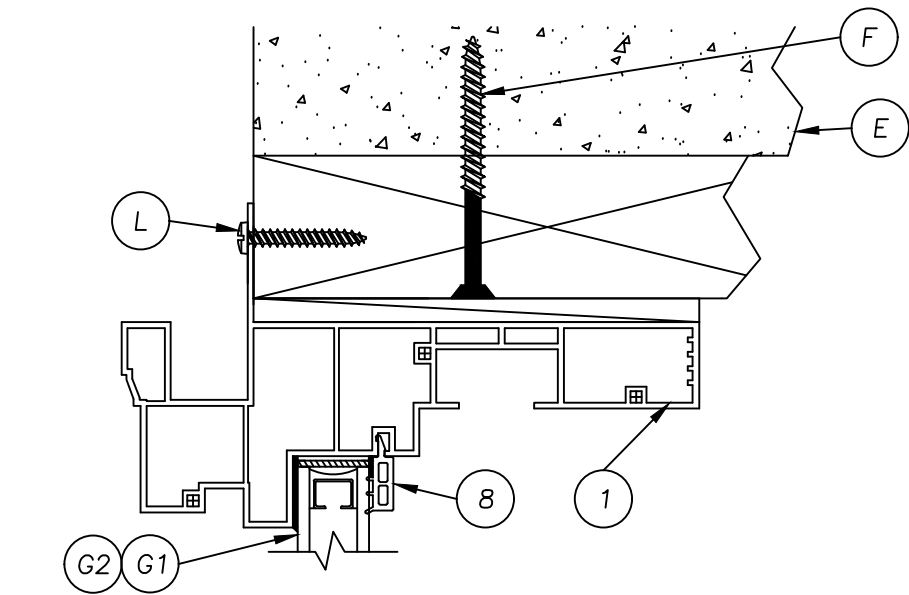
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2 HORIZONTAL CROSS SECTION
2 MASONRY CONSTRUCTION



3 HORIZONTAL CROSS SECTION
2 MASONRY CONSTRUCTION



1 VERTICAL CROSS SECTION
2 MASONRY CONSTRUCTION

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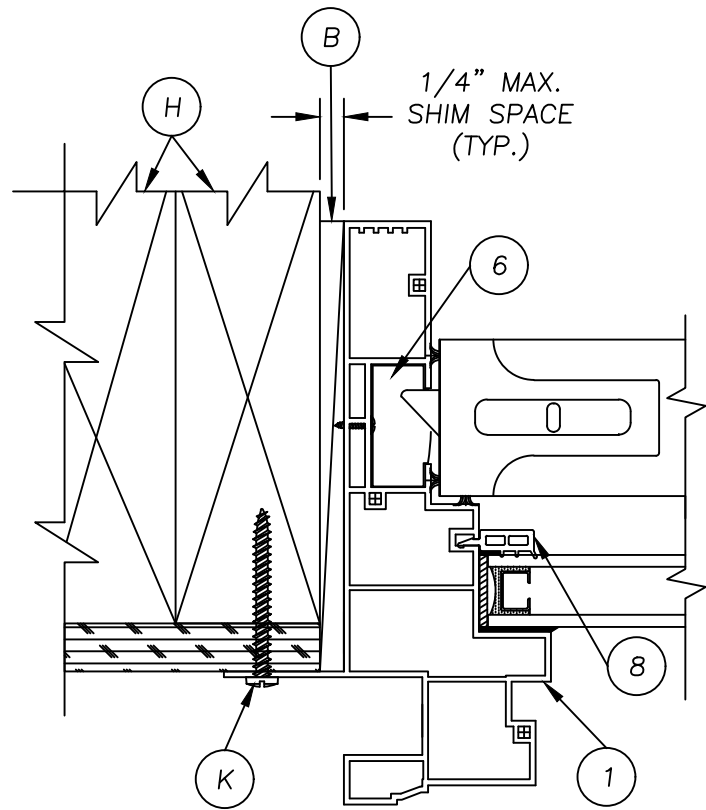
PRODUCT:
SINGLE HUNG WINDOW

PART OR ASSEMBLY:
VERTICAL & HORIZONTAL CROSS
SECTIONS MASONRY CONSTRUCTION

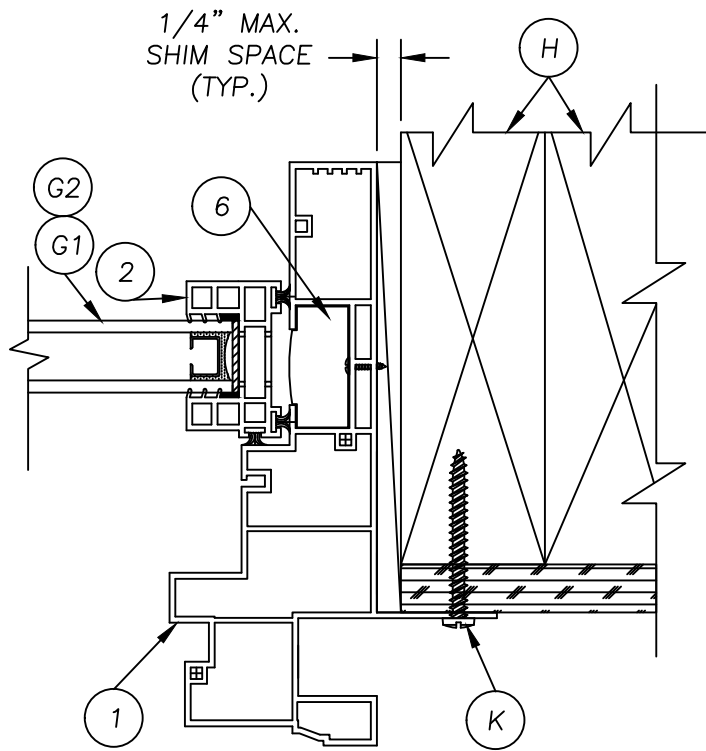
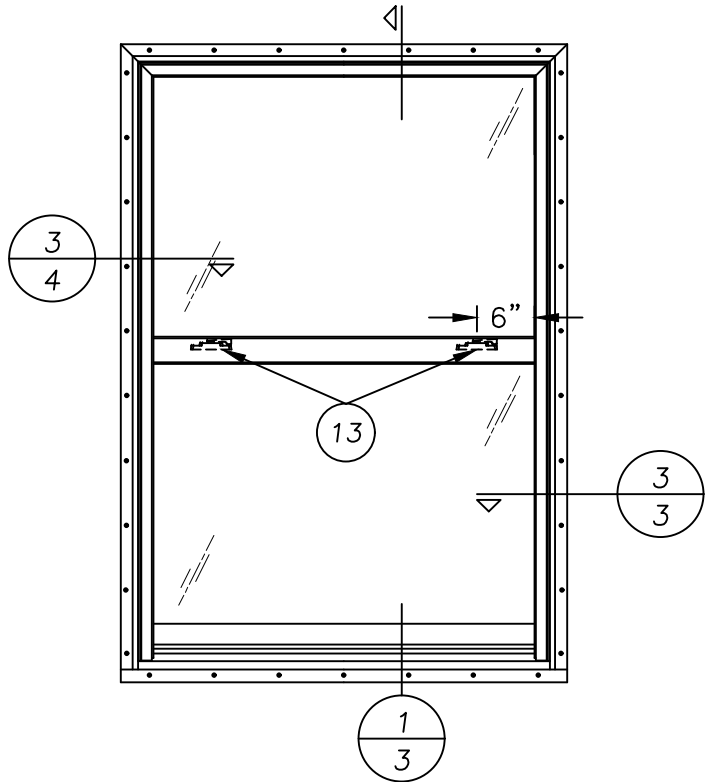
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		BY	JK	LFS	JK
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SCALE: N.T.S.
DWG. BY: DWS
CHK. BY: LFS
DRAWING NO.:
FL-9607.2
SHEET 2 OF 5

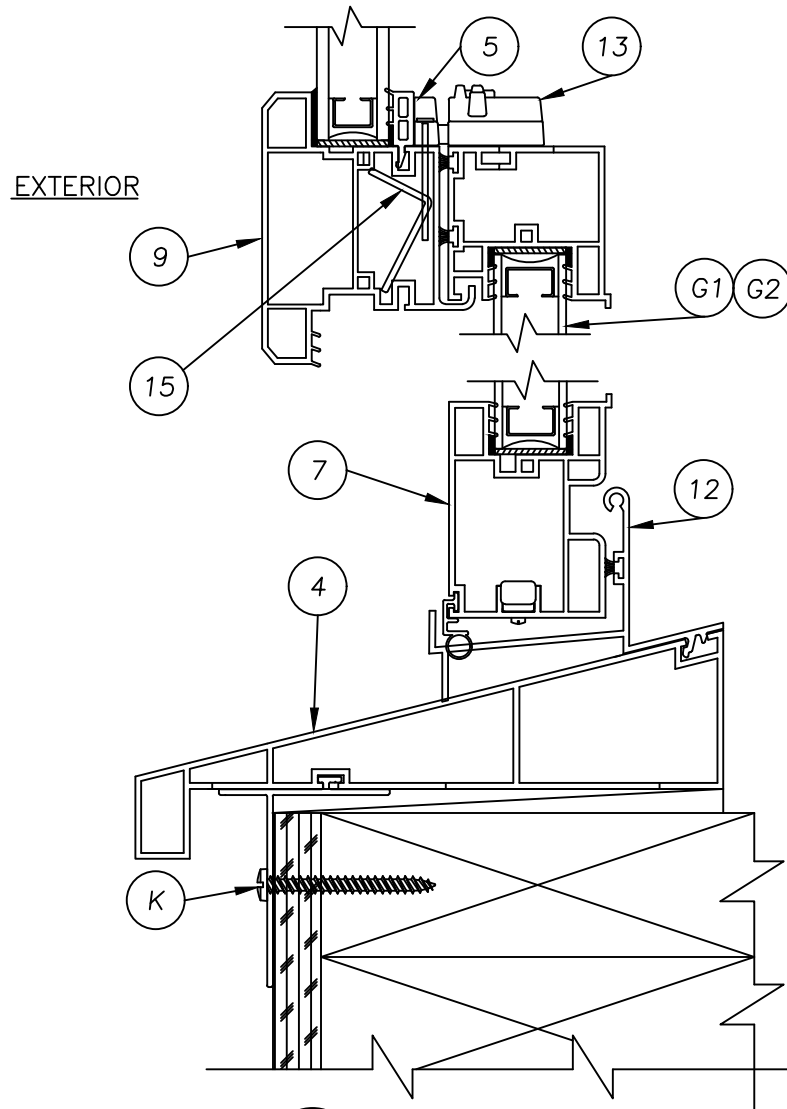
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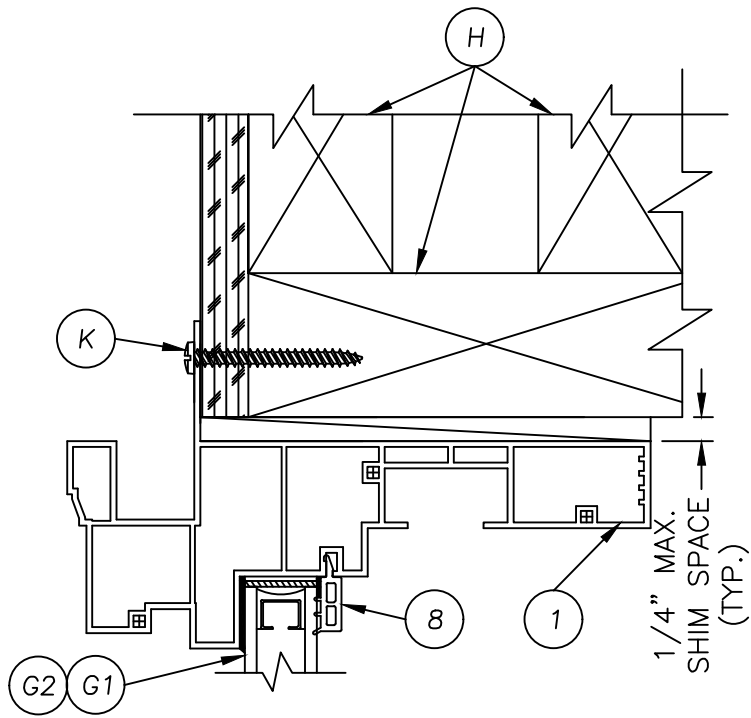
2 HORIZONTAL CROSS SECTION
3 STUD CONSTRUCTION



3 HORIZONTAL CROSS SECTION
3 STUD CONSTRUCTION



1 VERTICAL CROSS SECTION
3 STUD CONSTRUCTION



NO.	DATE	REVISIONS			
		DATE	BY	CHK	LFS
5	9/20/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
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SCALE: N.T.S.

DWG. BY: DWS

CHK. BY: LFS

DRAWING NO.:

FL-9607.2

SHEET 3 OF 5

PRODUCT:

SINGLE HUNG WINDOW

PART OR ASSEMBLY:

VERTICAL & HORIZONTAL CROSS
SECTIONS STUD CONSTRUCTION

Documents Prepared By:

Lyndon F. Schmidt

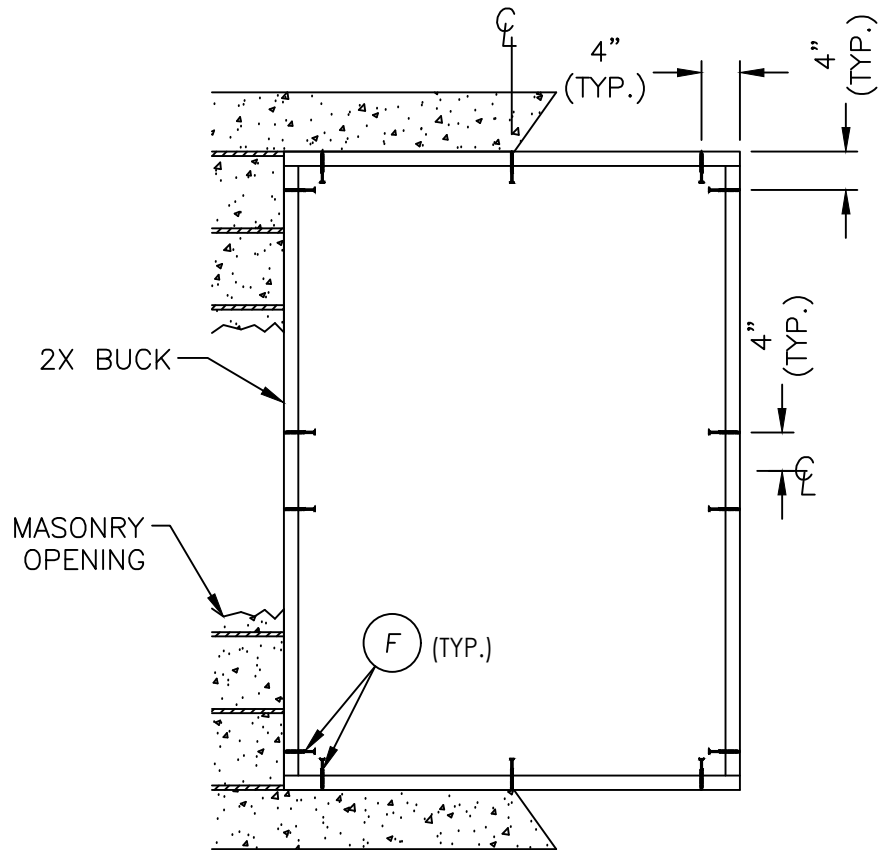
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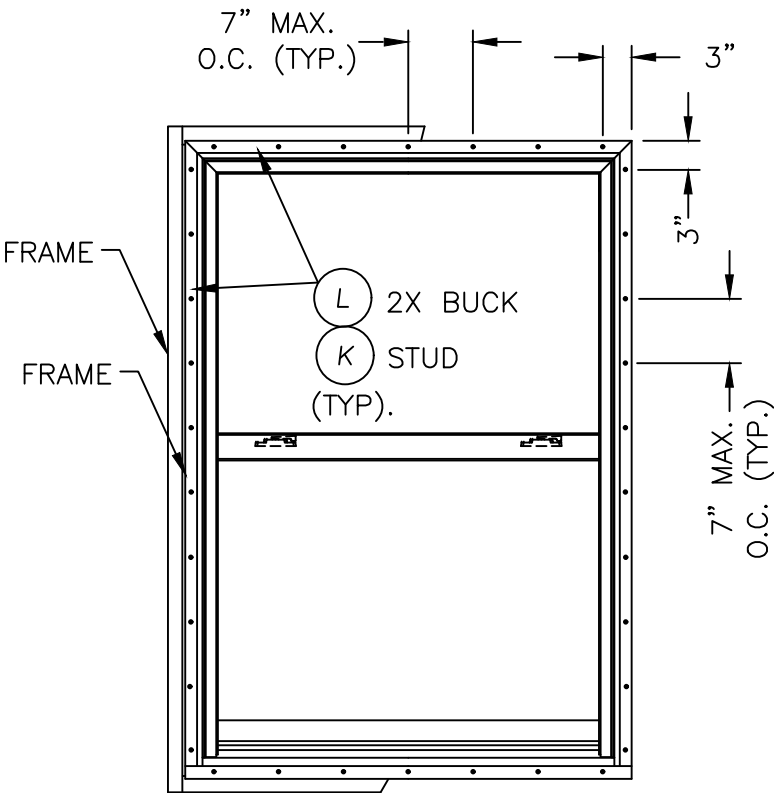
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BUCK ANCHORING



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®	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.

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PRODUCT:
SINGLE HUNG WINDOW

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

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5	9/20/23	UPDATE TO 8TH ED. (2023) FBC
4	9/03/20	UPDATE TO 7TH ED. (2020) FBC
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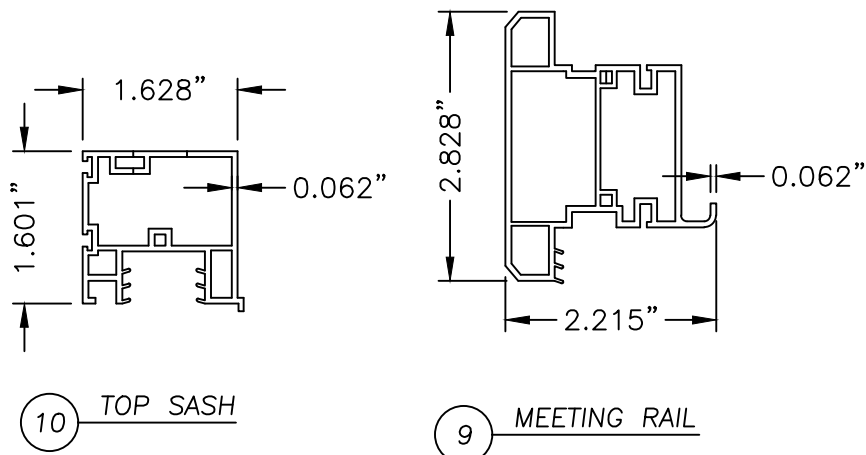
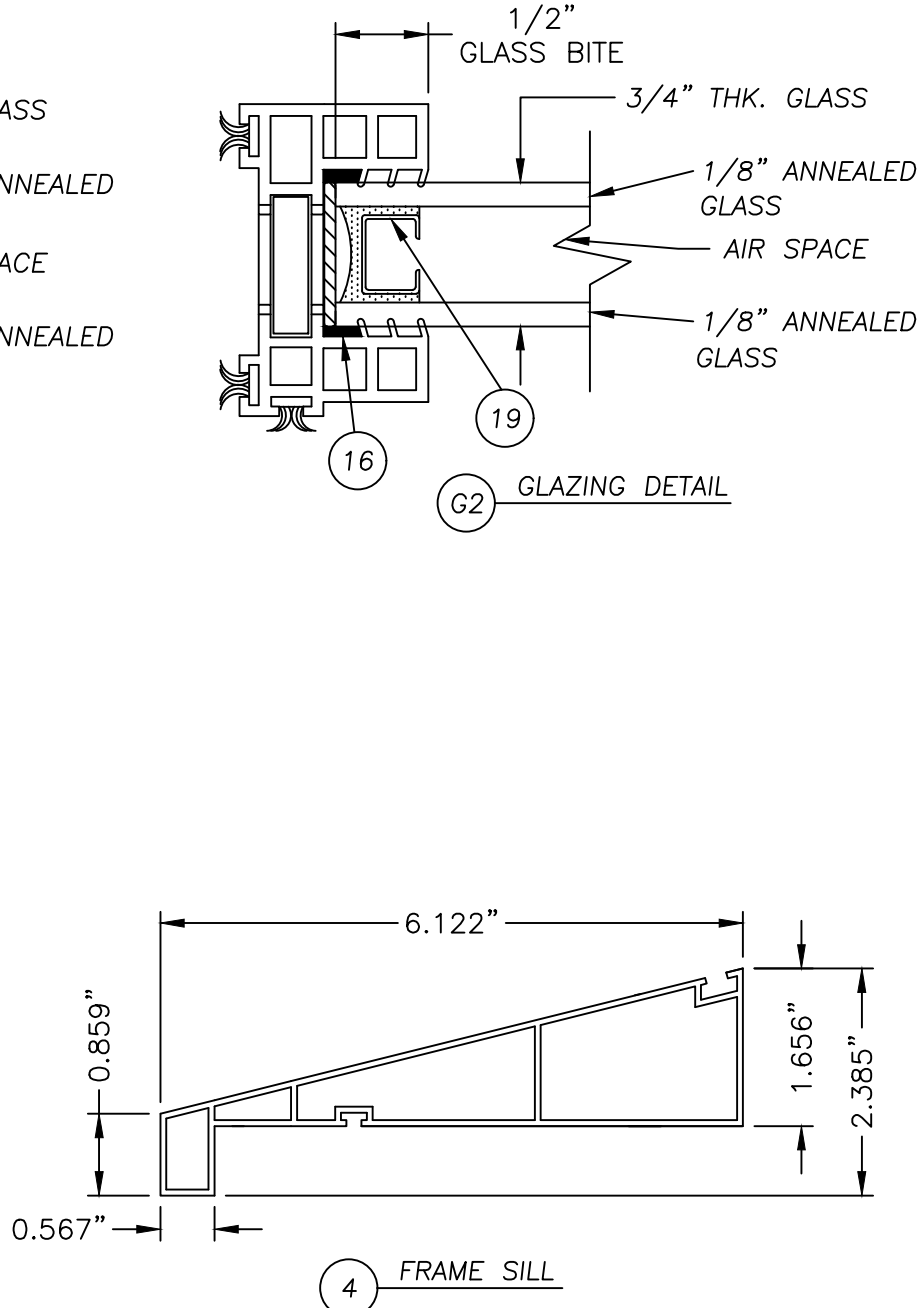
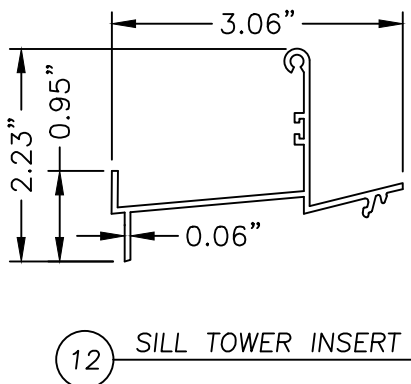
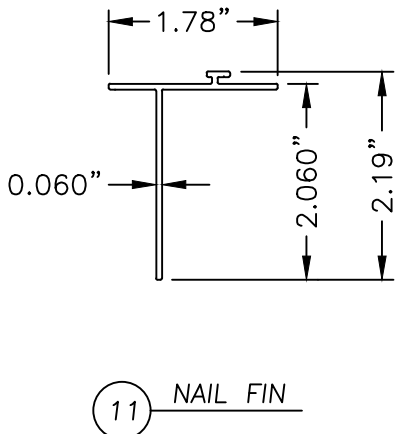
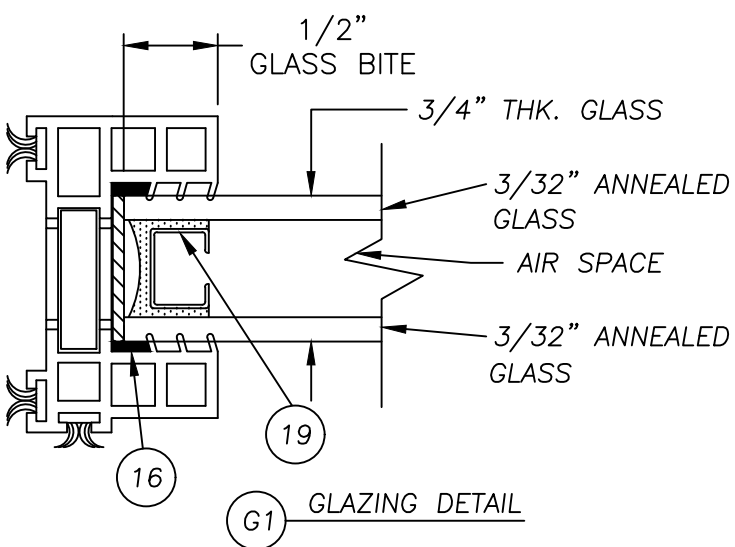
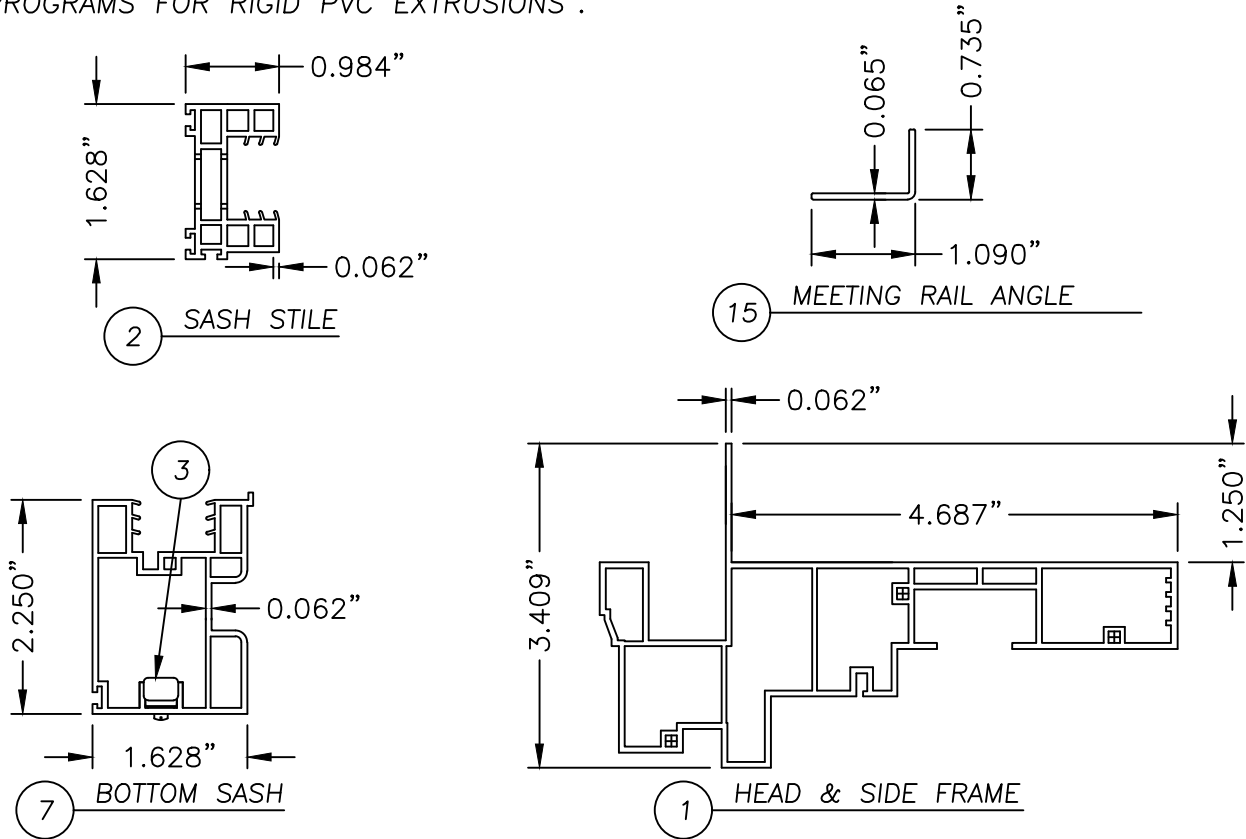
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SHEET 4 OF 5

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BILL OF MATERIALS		
ITEM	DESCRIPTION	MATERIAL
A	2X BUCK SG=> 0.55	WOOD
B	1/4" MAX. SHIM SPACE	WOOD
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" x 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
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	GLAZING BEAD *	RIGID PVC
9	MEETING RAIL *	RIGID PVC
10	TOP SASH *	RIGID PVC
11	NAILING FIN (6063-T6)	ALUM.
12	SILL TOWER INSERT	ALUM.
13	SWEEP LOCK	STEEL
15	MEETING RAIL ANGLE *	RIGID PVC
16	SILICONE BACK BEDDING (NOVAGARD NOVAFLEX)	SILICONE
19	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".



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RW

PRODUCT:

SINGLE HUNG WINDOW

PART OR ASSEMBLY:

BILL OF MATERIALS &
COMPONENTS

5	9/20/23	UPDATE TO 8TH ED. (2023)	FBC	LFS		
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DRAWING NO.: FL-9607.2						
SHEET 5 OF 5						

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