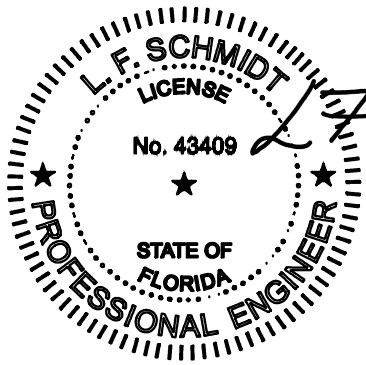
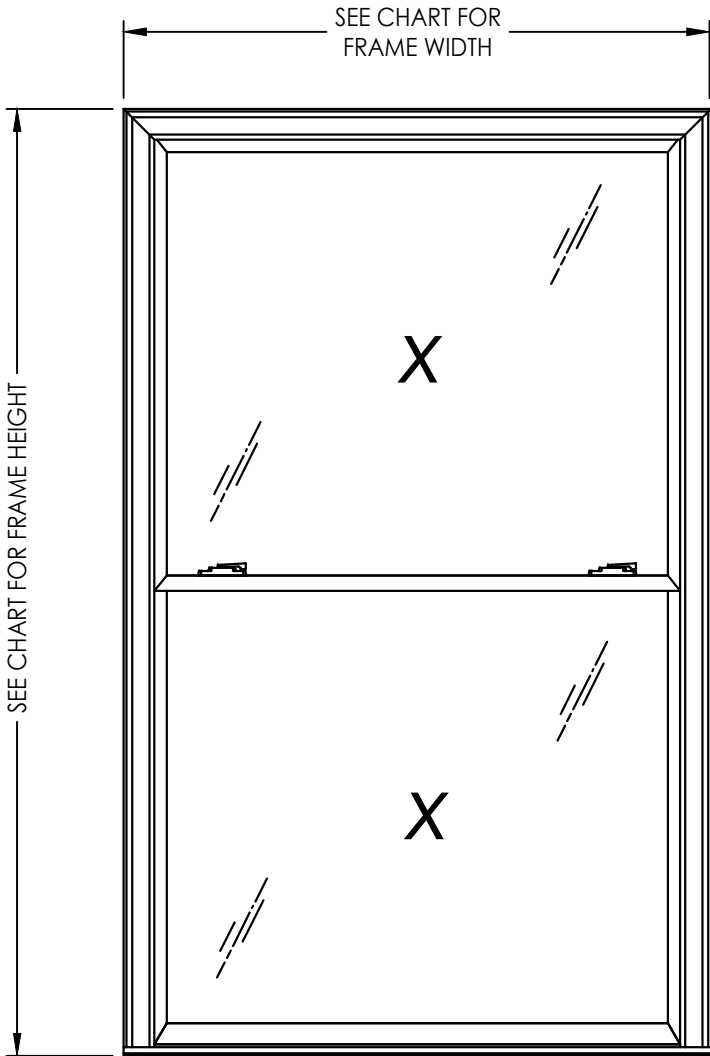


MODEL 8001 / 8E01
EXTRUDED VINYL
DOUBLE HUNG WINDOW
"NON-IMPACT"

GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 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 10:21:26 -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

OVERALL FRAME DIMENSION	TOP D.L.O. DIMENSION	BOTTOM D.L.O. DIMENSION	NO. LOCKS	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
52.0" x 84.0"	44.25" x 37.5"	44.5" x 37.5"	2	G2	+15.0	-15.0
44.0" x 75.0"	36.25" x 33.0"	36.25" x 33.0"	1	G1	+25.0	-25.0
44.0" x 75.0"	36.25" x 33.0"	36.25" x 33.0"	2		+30.0	-30.0
44.0" x 60.0"	36.25" x 25.5"	36.25" x 25.5"	2		+30.0	-35.0
36.0" x 72.0"	28.25" x 31.5"	28.25" x 31.5"	2		+30.0	-40.0
36.0" x 60.0"	28.25" x 25.5"	28.25" x 25.5"	2		+30.0	-55.0

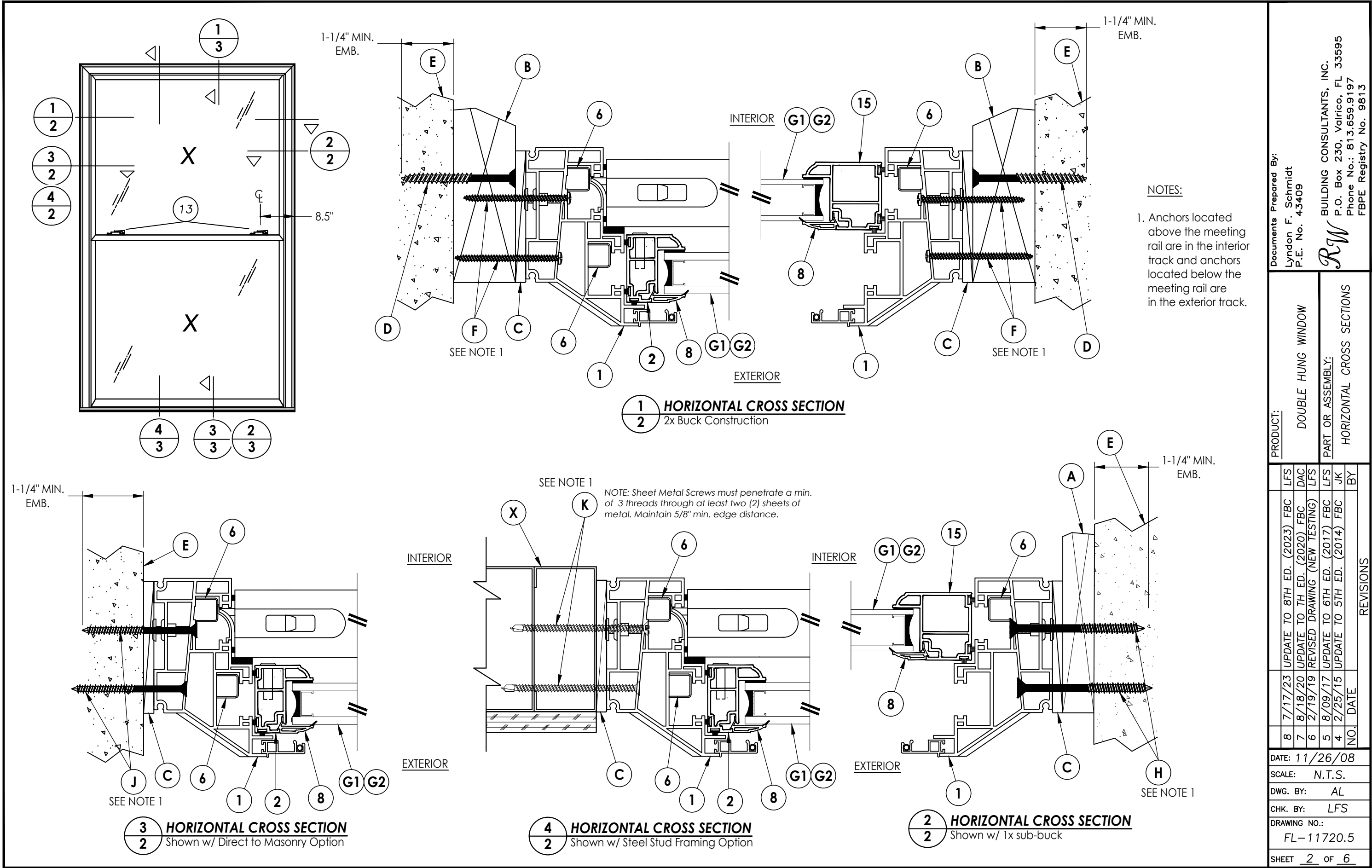
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DOUBLE HUNG WINDOW
PART OR ASSEMBLY: TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	REVISIONS			
		DATE	BY	DESCRIPTION	REVISIONS
8	7/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
7	8/18/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
6	2/19/19	REVISED DRAWING (NEW TESTING)	FBC	LFS	
5	8/09/17	UPDATE TO 6TH ED. (2017)	FBC	LFS	
4	2/25/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

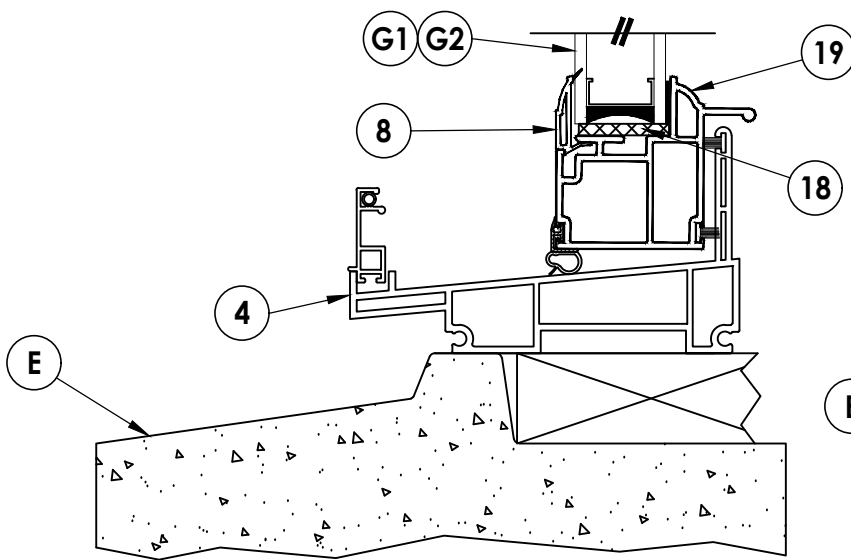
DATE: 11/26/08
SCALE: N.T.S.
DWG. BY: AL
CHK. BY: LFS
DRAWING NO.: FL-11720.5
SHEET 1 OF 6

Z:\2023 FBC Drawings\Associated Materials, Inc\FL-11720 R22\FL-11720.5-6.dwg

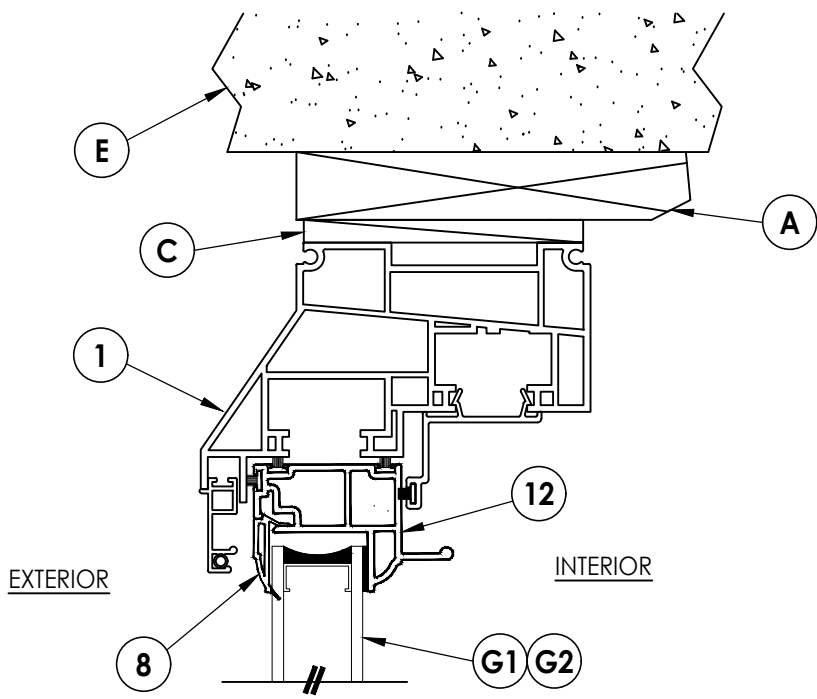


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: DOUBLE HUNG WINDOW		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
8	7/17/23	UPDATE TO 8TH ED. (2023) FBC	LFS
7	8/18/20	UPDATE TO TH ED. (2020) FBC	DAC
6	2/19/19	REVISED DRAWING (NEW TESTING)	LFS
5	8/09/17	UPDATE TO 6TH ED. (2017) FBC	LFS
4	2/25/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO. DATE		REVISIONS	
DATE: 11/26/08			
SCALE: N.T.S.			
DWG. BY: AL			
CHK. BY: LFS			
DRAWING NO.: FL-11720.5			
SHEET 2 OF 6			

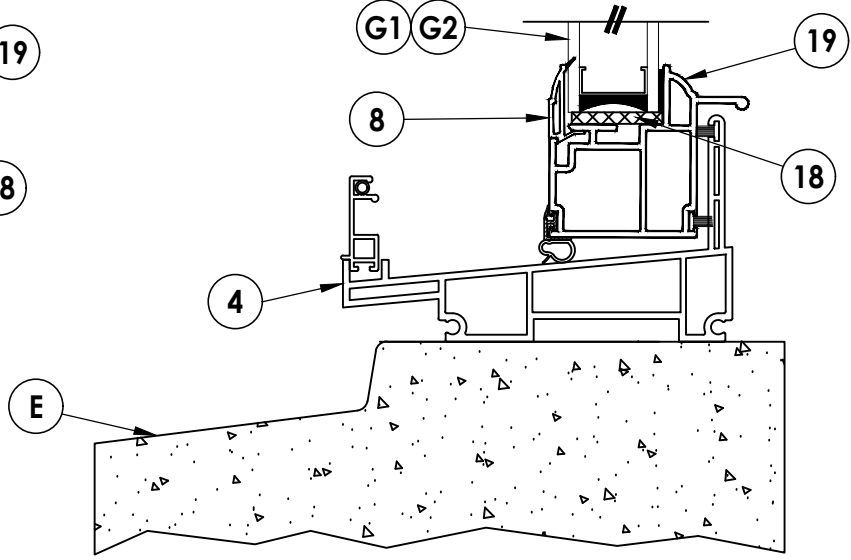
Z:\2023 FBC Drawings\Associated Materials, Inc\FL-11720 R22\FL-11720.5-6.dwg



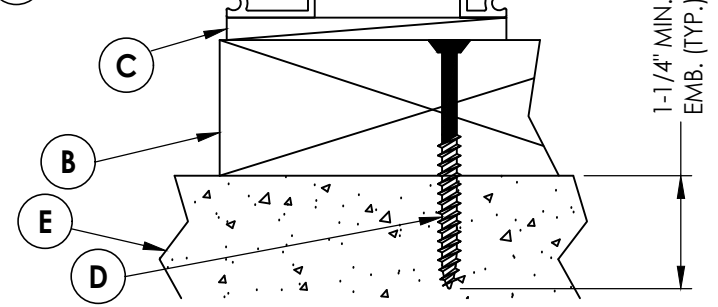
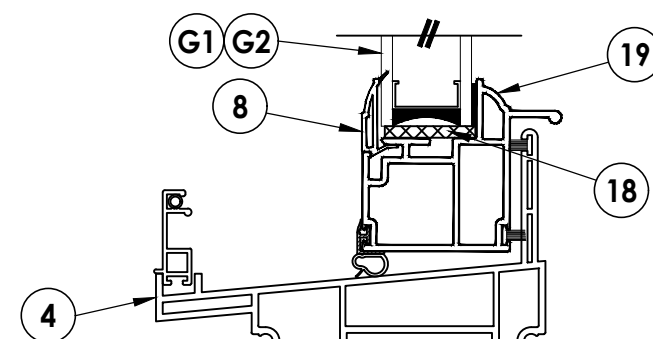
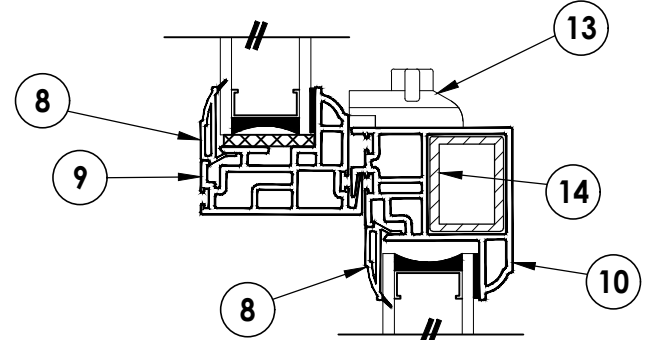
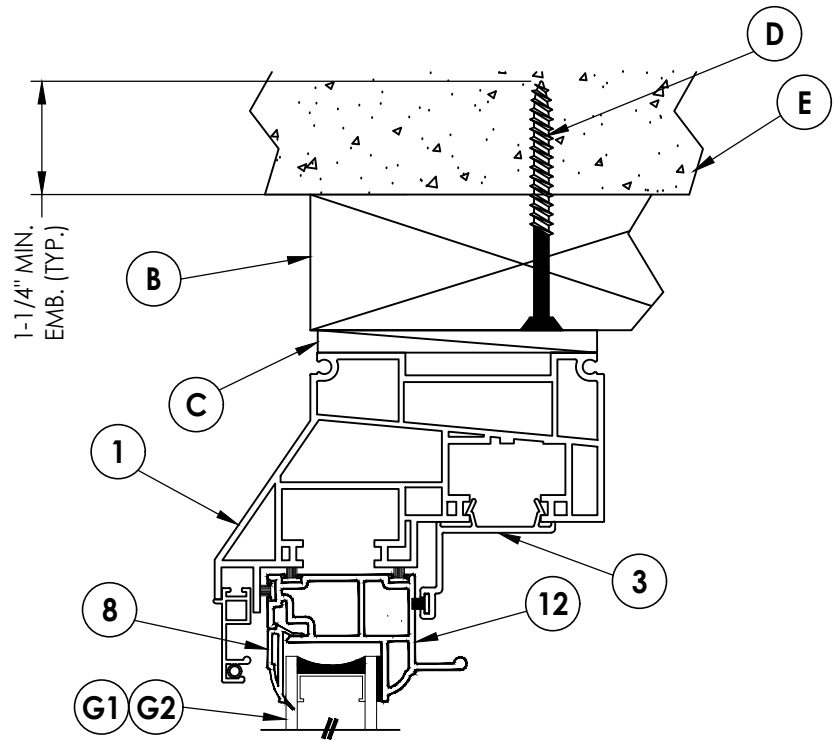
2 VERTICAL CROSS SECTION
3 Optional masonry sill



1 VERTICAL CROSS SECTION
3 Shown w/1x sub-buck



3 VERTICAL CROSS SECTION
3 Optional masonry sill



4 VERTICAL CROSS SECTION
3 2x Buck Construction

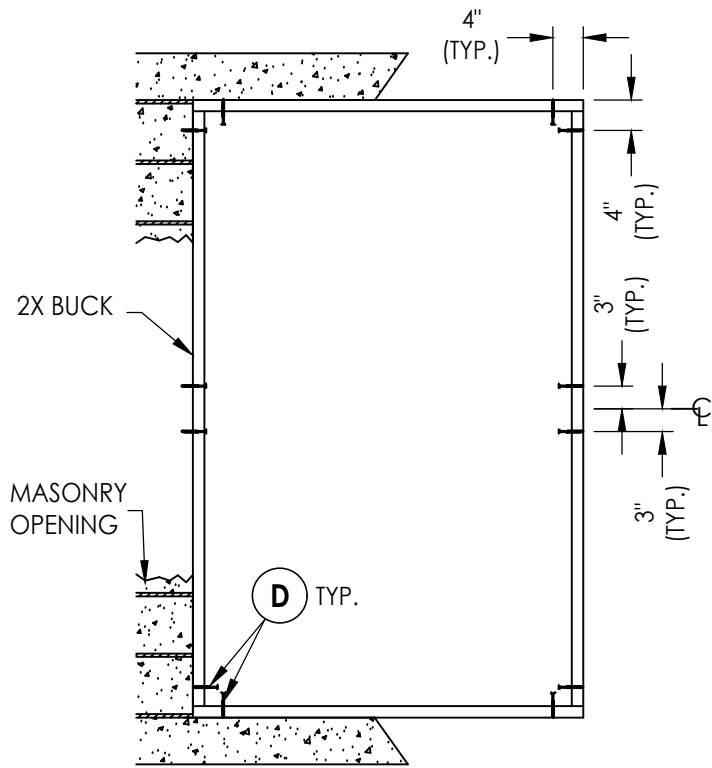
DATE:	11/26/08
SCALE:	N.T.S.
DWG. BY:	AL
CHK. BY:	LFS
DRAWING NO.:	FL-11720.5
SHEET	3 OF 6

NO.	DATE	REVISIONS
8	7/17/23	UPDATE TO 8TH ED. (2023) FBC LFS
7	8/18/20	UPDATE TO 7TH ED. (2020) FBC DAC
6	2/19/19	REVISED DRAWING (NEW TESTING) LFS
5	8/09/17	UPDATE TO 6TH ED. (2017) FBC LFS
4	2/25/15	UPDATE TO 5TH ED. (2014) FBC JK
NO.	DATE	BY

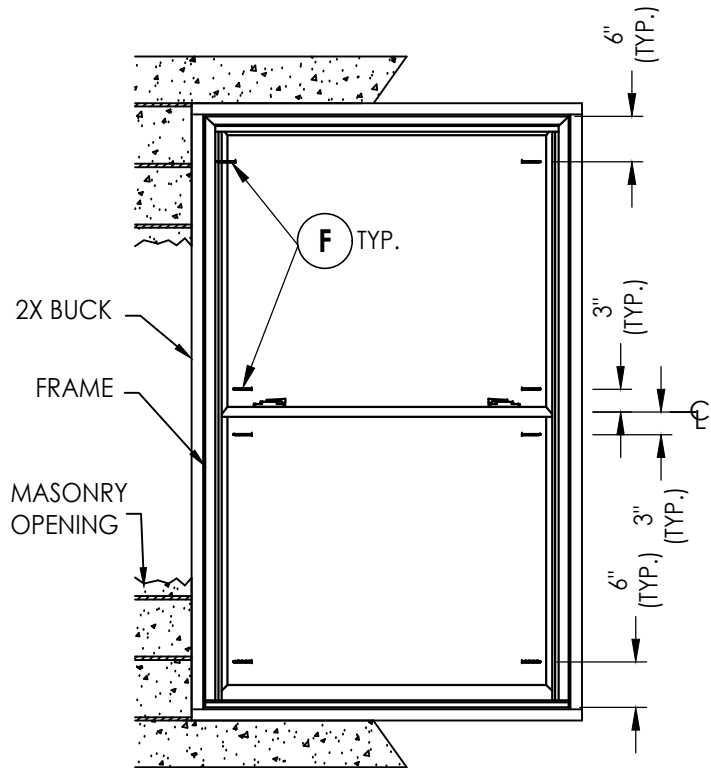
PRODUCT:	DOUBLE HUNG WINDOW
PART OR ASSEMBLY:	VERTICAL CROSS SECTIONS

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

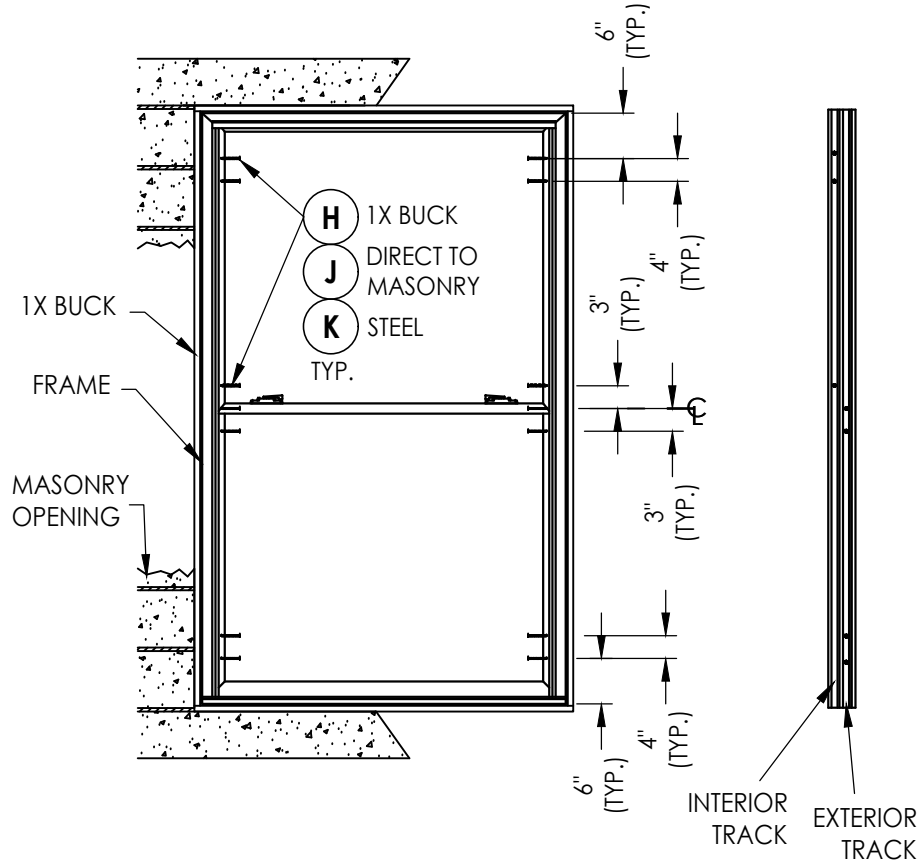
Z:\2023 FBC Drawings\Associated Materials, Inc\FL-11720 R22\FL-11720.5-6.dwg



BUCK ANCHORING



FRAME ANCHORING
(2X Buck)



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

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.

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:
DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
8	7/17/23	UPDATE TO 8TH ED. (2023) FBC LFS
7	8/18/20	UPDATE TO TH ED. (2020) FBC DAC
6	2/19/19	REVISED DRAWING (NEW TESTING) LFS
5	8/09/17	UPDATE TO 6TH ED. (2017) FBC LFS
4	2/25/15	UPDATE TO 5TH ED. (2014) FBC JK
NO.	DATE	BY

DATE: 11/26/08

SCALE: N.T.S.

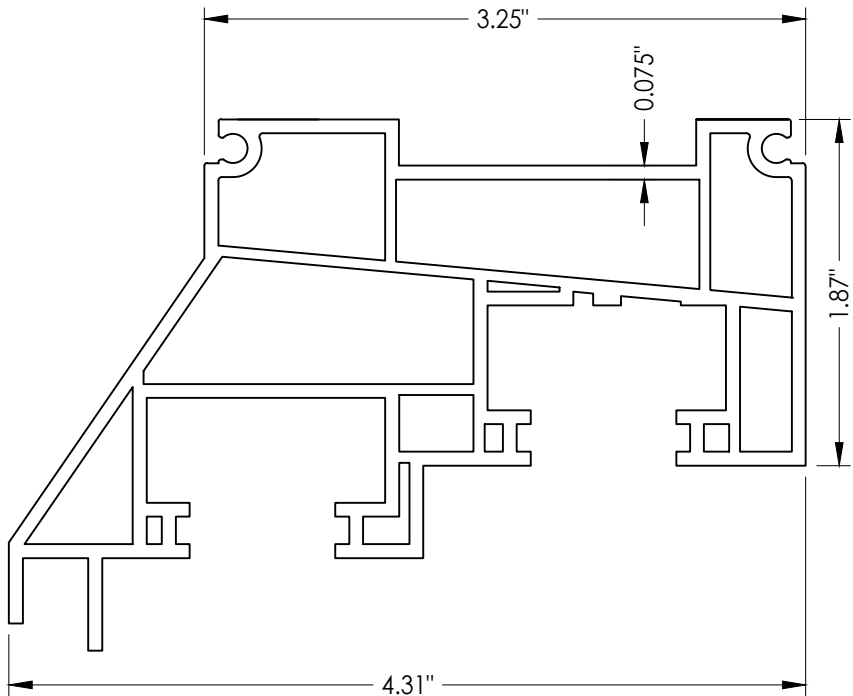
DWG. BY: AL

CHK. BY: LFS

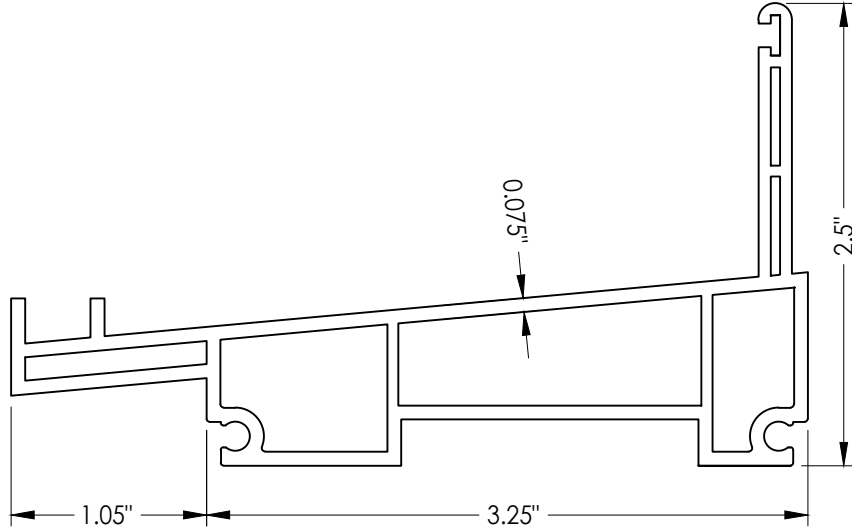
DRAWING NO.:
FL-11720.5

SHEET 4 OF 6

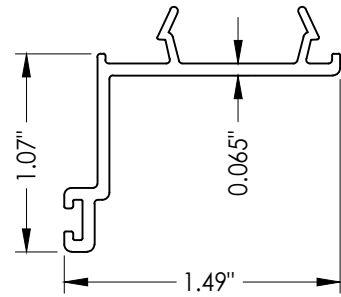
Z:\2023 FBC Drawings\Associated Materials, Inc\FL-11720 R22\FL-11720.5-6.dwg



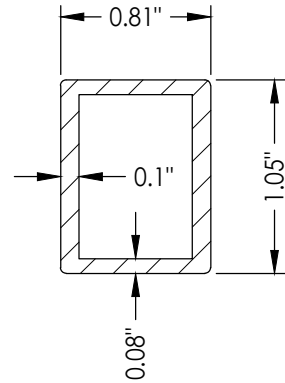
1 HEAD & JAMB
(UL0096)



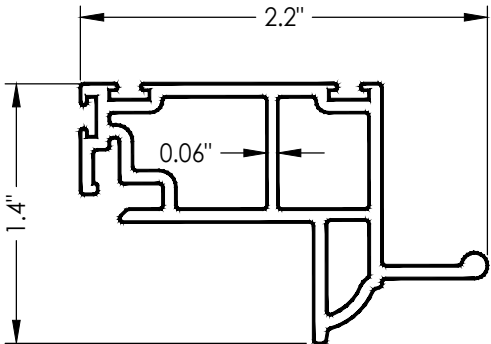
4 FRAME SILL
(UL0097)



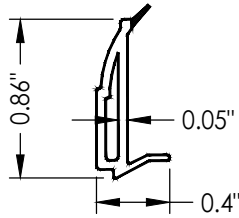
3 HEAD ADAPTER
(UL0099)



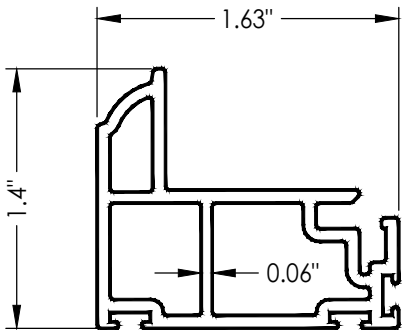
14 SASH REINFORCEMENT
(3719)



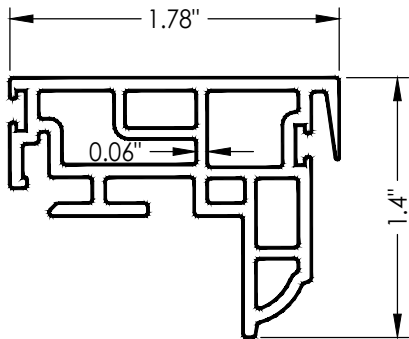
12 TOP SASH HANDLE RAIL
(UL0130)



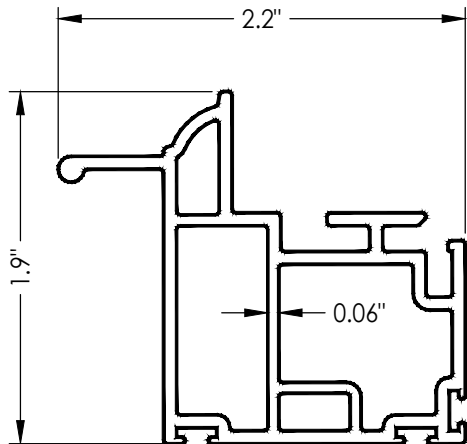
8 GLAZING BEAD
(UU0410)



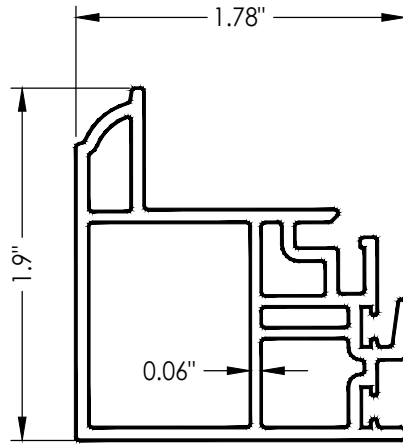
2 TOP SASH STILE
(UL0131)



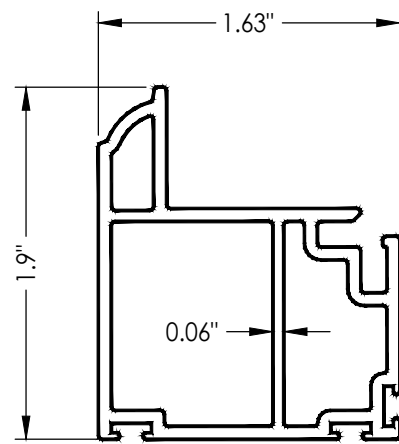
9 KEEPER RAIL
(UL0132)



19 HANDLE RAIL
(UL0136)



10 LOCK RAIL
(UL0134)



15 BOTTOM SASH STILE
(UL0135)

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:
DOUBLE HUNG WINDOW

PART OR ASSEMBLY:
COMPONENTS

NO.	DATE	REVISIONS
8	7/17/23	UPDATE TO 8TH ED. (2023) FBC
7	8/18/20	UPDATE TO 7TH ED. (2020) FBC
6	2/19/19	REVISED DRAWING (NEW TESTING) LFS
5	8/09/17	UPDATE TO 6TH ED. (2017) FBC
4	2/25/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 11/26/08

SCALE: N.T.S.

DWG. BY: AL

CHK. BY: LFS

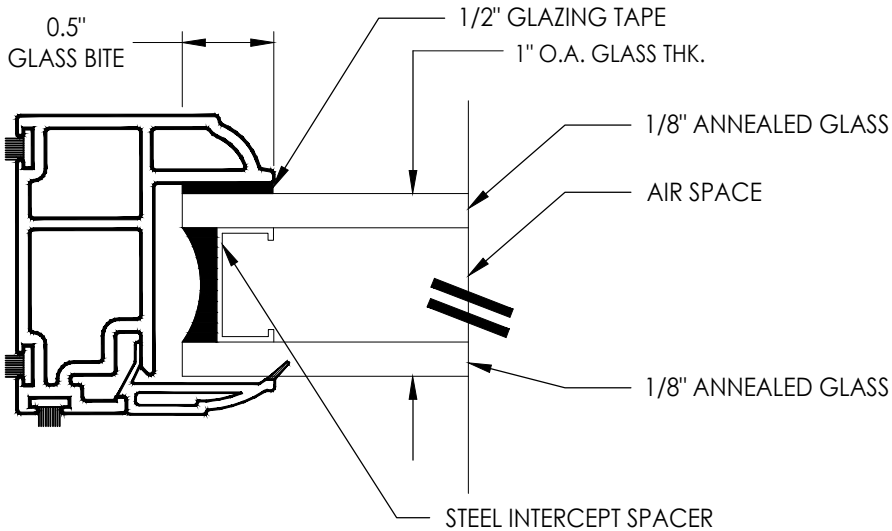
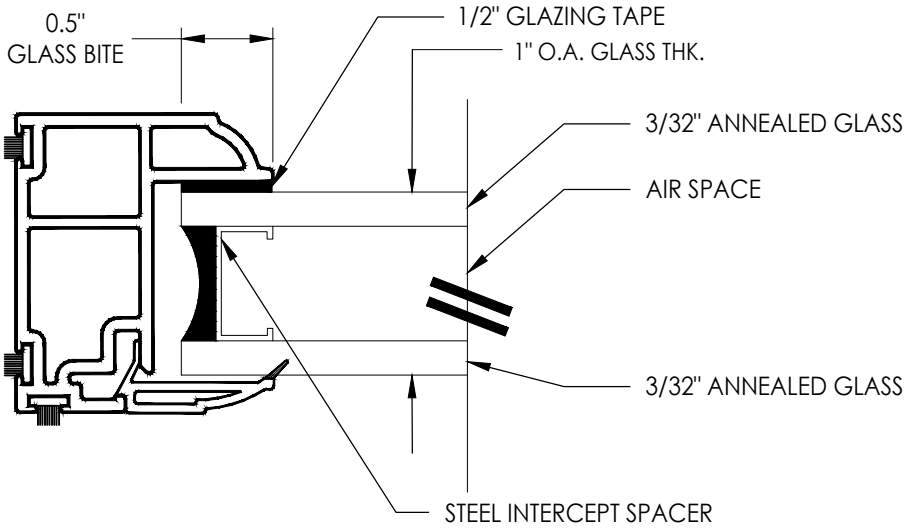
DRAWING NO.:
FL-11720.5

SHEET 5 OF 6

Z:\2023 FBC Drawings\Associated Materials, Inc\FL-11720 R22\FL-11720.5-6.dwg

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" PPH 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 *	RIGID PVC
2	EXTRUDED VINYL SASH STILE *	RIGID PVC
3	EXTRUDED VINYL HEAD ADAPTER *	RIGID PVC
4	EXTRUDED VINYL FRAME SILL *	RIGID PVC
6	BLOCK & TACKLE BALANCE SHOE	-
8	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
9	EXTRUDED VINYL MEETING RAIL *	RIGID PVC
10	EXTRUDED VINYL LOCK RAIL *	RIGID PVC
12	TOP SASH HANDLE RAIL *	RIGID PVC
13	SWEEP LOCK	STEEL
14	SASH REINFORCEMENT	FIBERGLASS
15	EXTRUDED VINYL BOTTOM SASH *	RIGID PVC
18	NEOPRENE SETTING BLOCK	NEOPRENE
19	HANDLE RAIL *	RIGID PVC

* 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				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 AND GLAZING DETAILS			
8	7/17/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
7	8/18/20	UPDATE TO TH ED. (2020)	FBC	DAC			
6	2/19/19	REVISED DRAWING (NEW TESTING)		LFS			
5	8/09/17	UPDATE TO 6TH ED. (2017)	FBC	LFS			
4	2/25/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
NO.	DATE			BY			
				REVISIONS			
DATE: 11/26/08							
SCALE: N.T.S.							
DWG. BY: AL							
CHK. BY: LFS							
DRAWING NO.: FL-11720.5							
SHEET 6 OF 6							