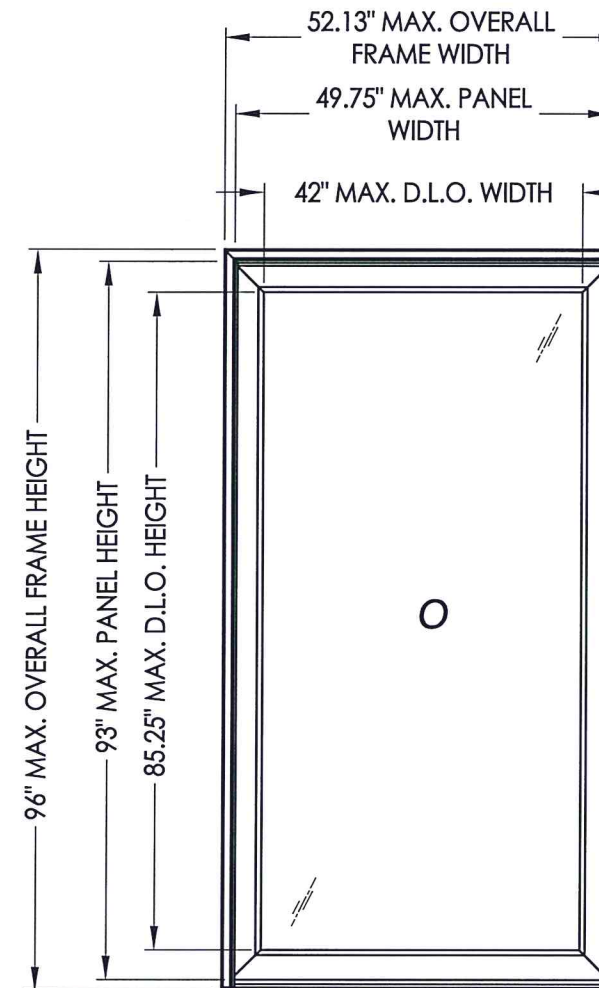


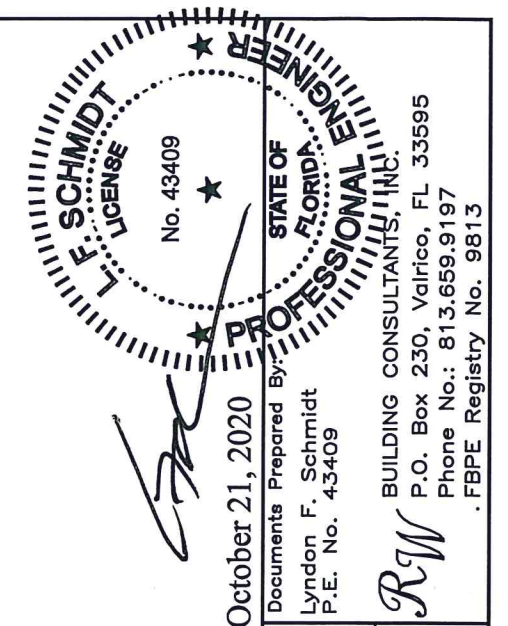
"Vanguard" Series Fixed Patio Door "NON-IMPACT"

1. This product has been evaluated and is in compliance with the 7th Edition (2020) 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.

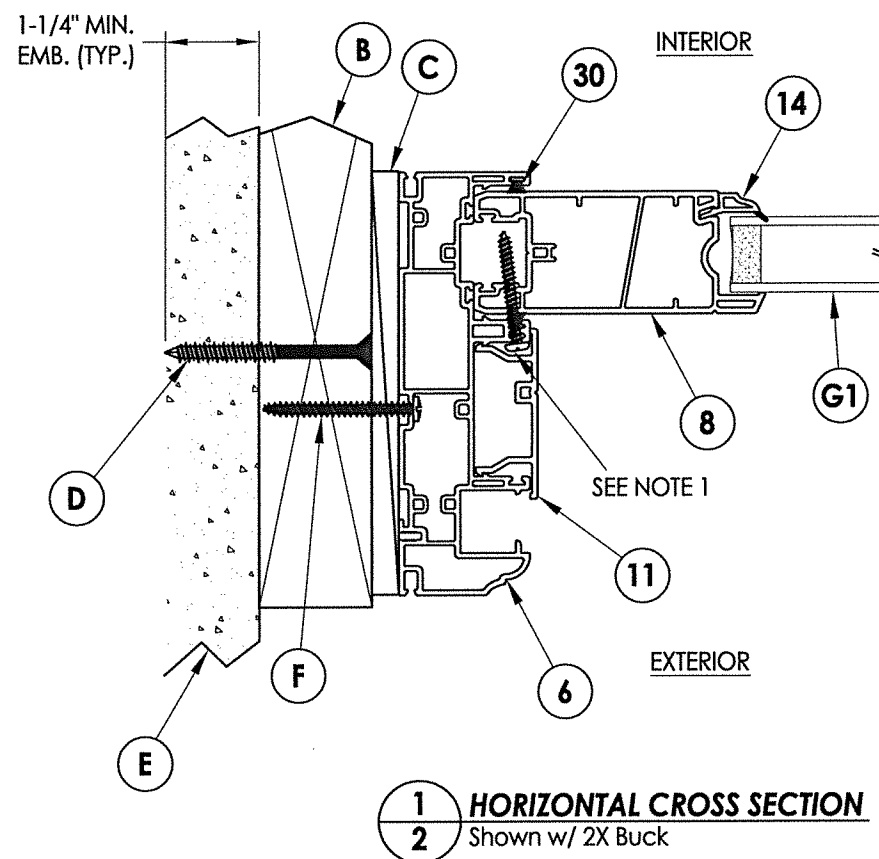
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevation, design pressures & general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Buck & frame anchoring
5	Components
6	Bill of materials & glazing detail



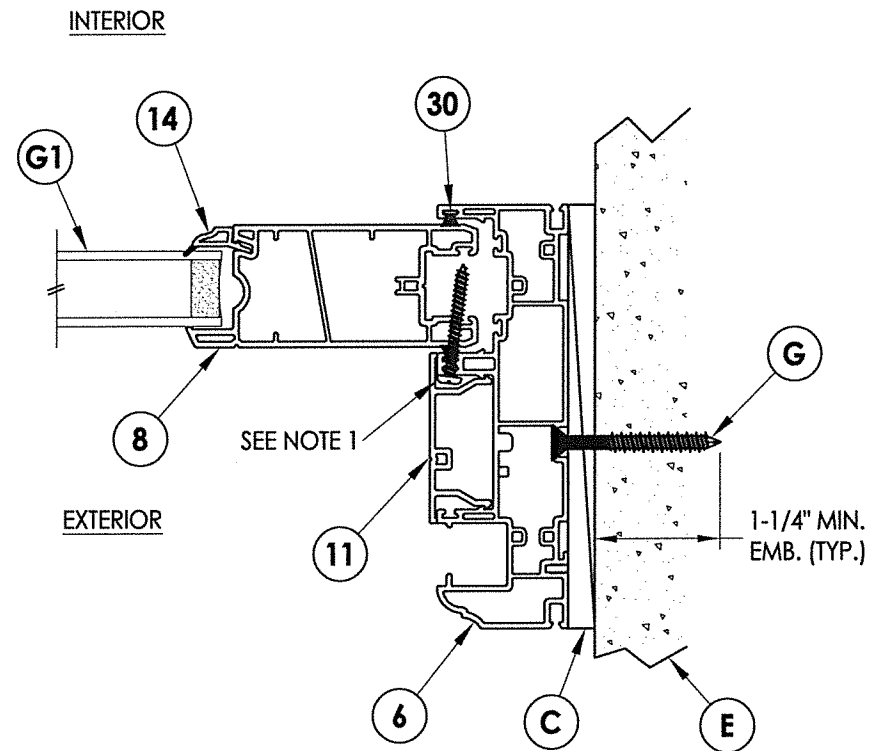
OVERALL FRAME DIMENSION	MAX. PANEL DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
52.13" X 96.0"	49.75" X 93.0"	42.0" X 85.25"	G1	+30.0	-35.0



DATE: 10/15/20		REVISIONS BY		PART OR ASSEMBLY:		SLIDING PATIO DOORS TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
SCALE: N.T.S.				PRODUCT:		
DWG. BY: RW						
CHK. BY: LFS						
DRAWING NO.: FL-34551.9						
SHEET 1 OF 6						

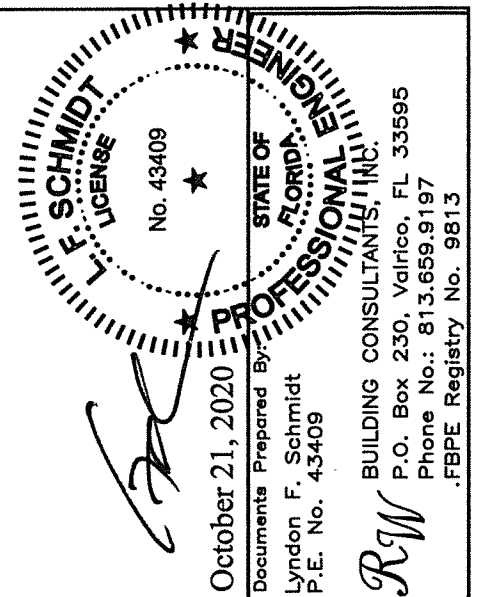


1 HORIZONTAL CROSS SECTION
2 Shown w/ 2X Buck



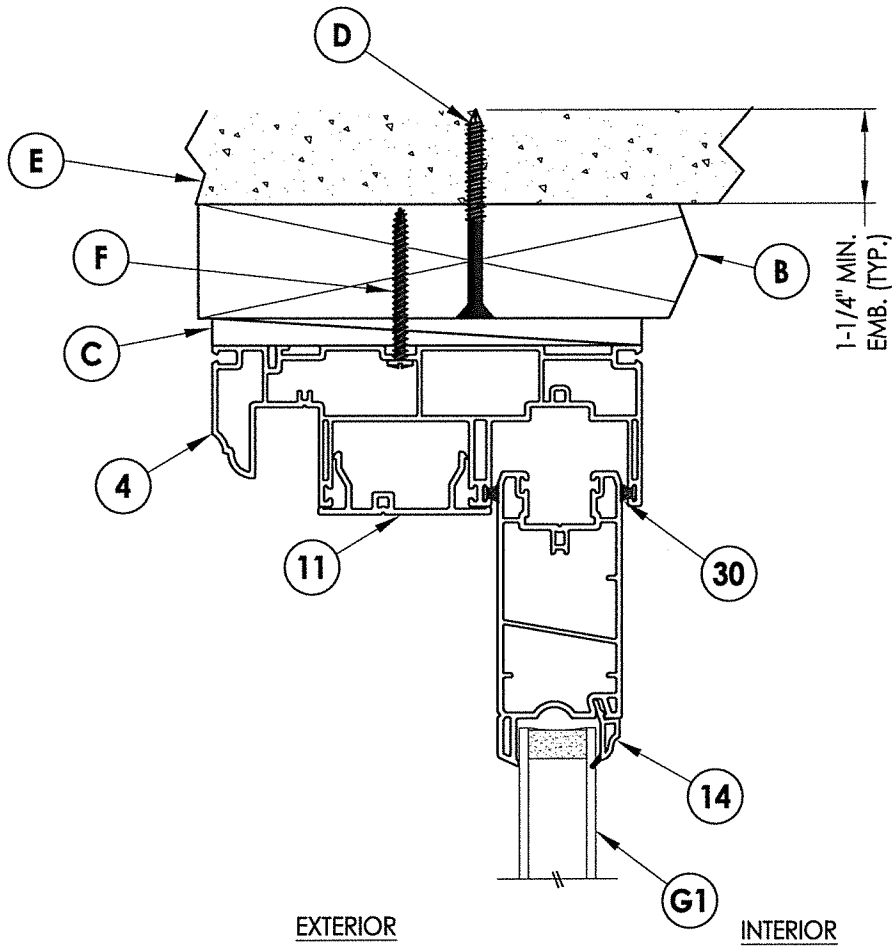
2 HORIZONTAL CROSS SECTION
2 Shown w/ 1X Buck

1. FIXED SASH PANEL SECURED TO JAMB w/ (3) #8 X 1-1/4" PH SMS
LOCATED 6" FROM ENDS AND @ CENTERLINE.

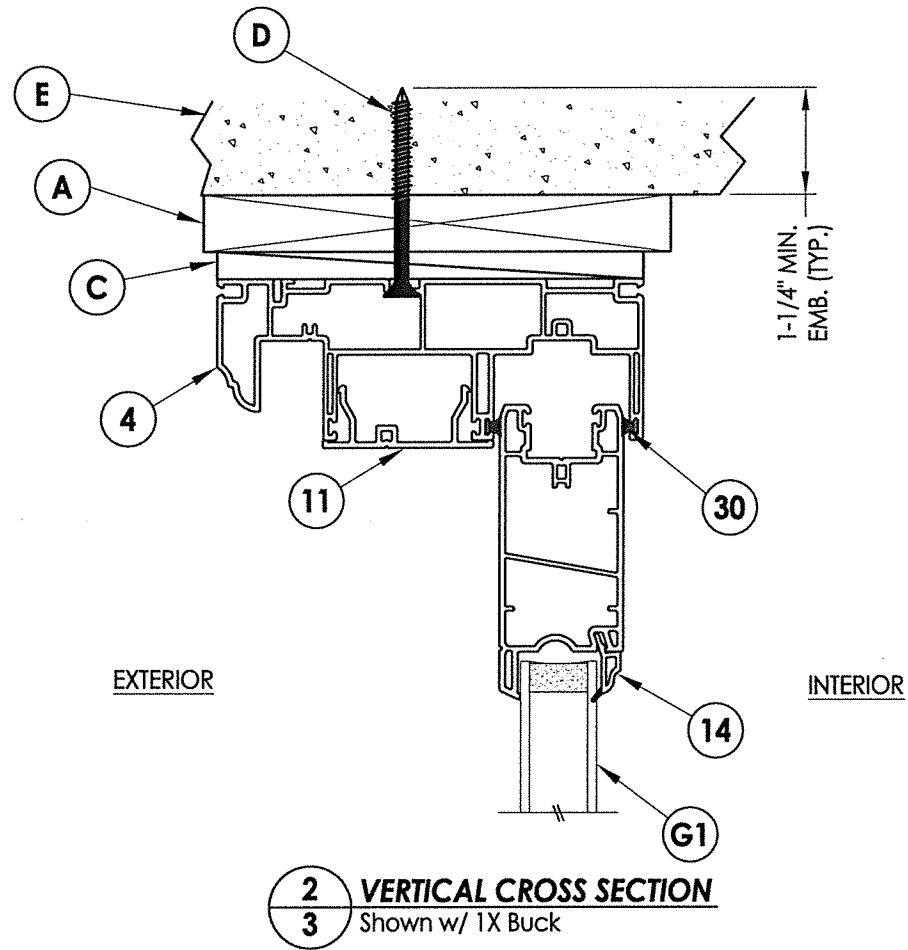


DATE: 10/15/20		REVISIONS NO. DATE BY	
SCALE: N.T.S.			
DWG. BY: RW			
CHK. BY: LFS			
DRAWING NO.: FL-34551.9			
SHEET 2 OF 6			
PRODUCT: SLIDING PATIO DOORS		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	

\\dc01\wbc\Clients\Sunrise Windows\A - Florida Product Approvals\FL-34551 - Sliding Patio Doors\C - Drawings\FL-34551.9.dwg



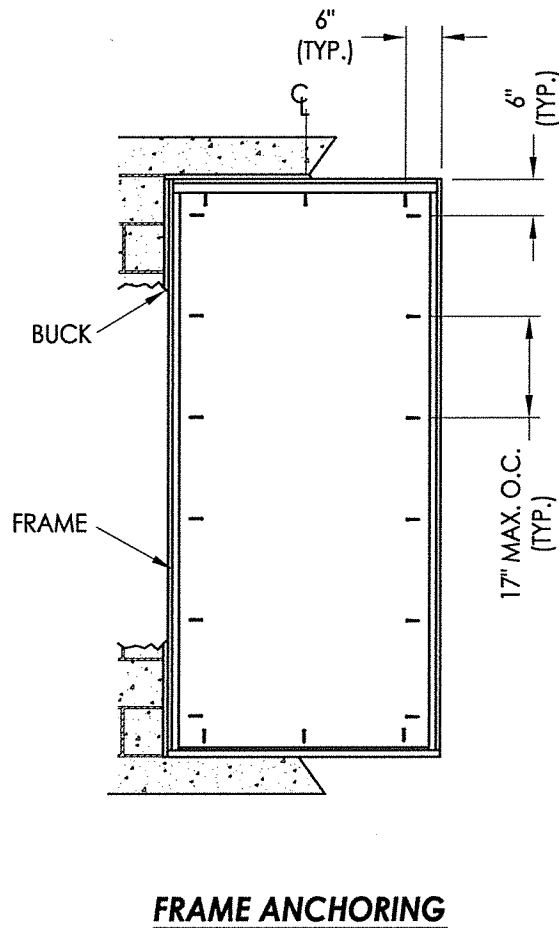
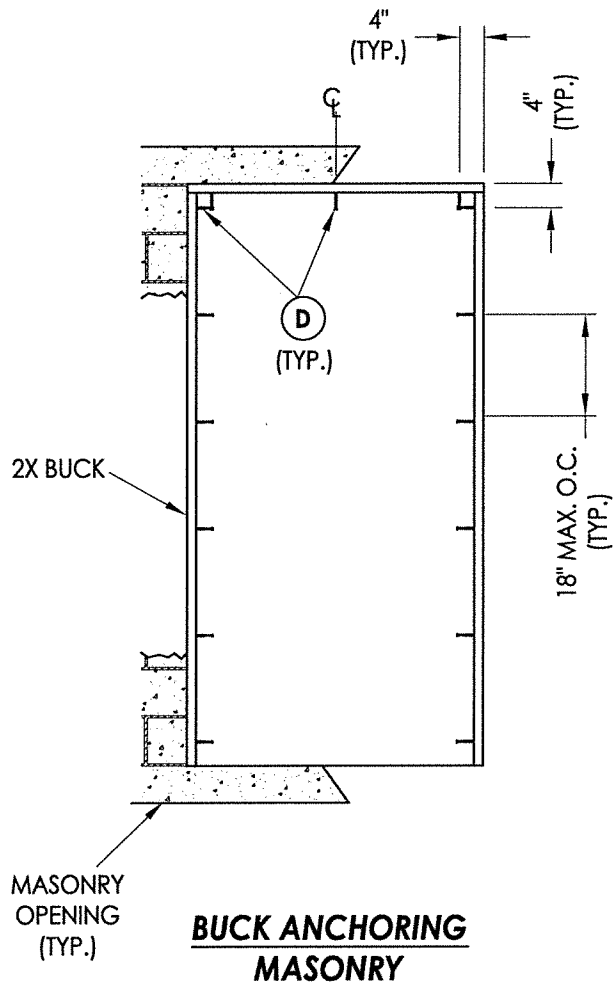
1
3 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck @ Head &
Direct to Masonry @ Sill



2
3 **VERTICAL CROSS SECTION**
Shown w/ 1X Buck

 October 21, 2020 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:		SLIDING PATIO DOORS	
		PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
DATE: 10/15/20		SCALE: N.T.S.		DWG. BY: RW	
CHK. BY: LFS		DRAWING NO.: FL-34551.9		SHEET 3 OF 6	
NO. DATE		BY		REVISIONS	

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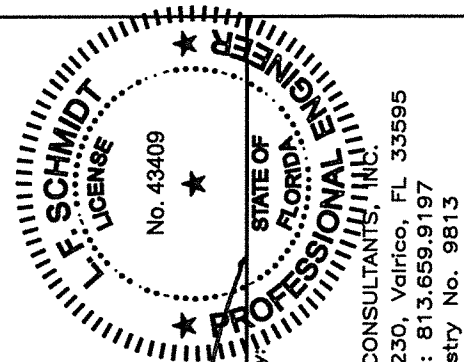
CONCRETE ANCHOR NOTES:

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 ULTRA-CON®	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.



October 21, 2020
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R.W. BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:
SLIDING PATIO DOORS

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS	BY

DATE: 10/15/20

SCALE: N.T.S.

DWG. BY: RW

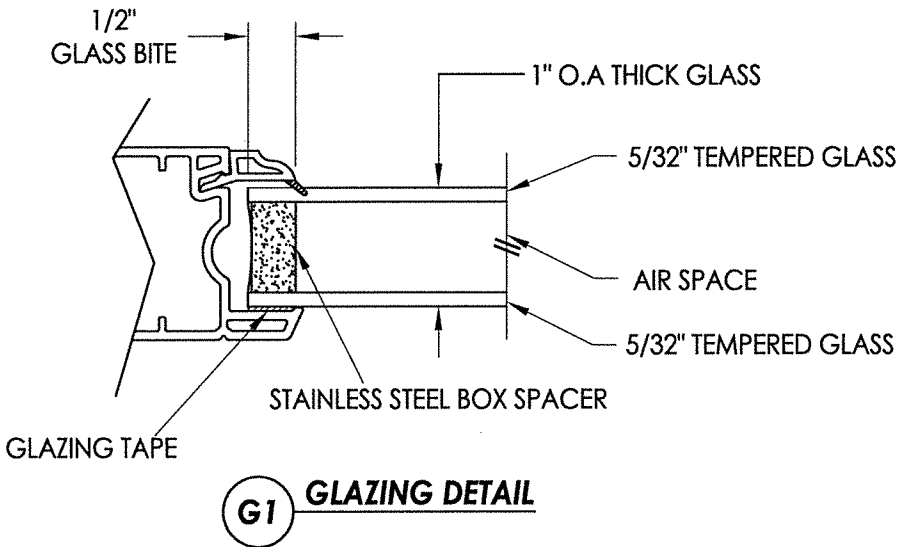
CHK. BY: LFS

DRAWING NO.:
FL-34551.9

SHEET 4 OF 6

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	3/8" 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	#10 X 2" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
4	PD HEAD JAMB*	RIGID PVC
5	PD SILL*	RIGID PVC
6	PD JAMB*	RIGID PVC
8	PD SASH JAMB STILE*	RIGID PVC
11	JAMB COVER*	RIGID PVC
14	GLAZING BEAD*	RIGID PVC
30	FIN WEATHERSTRIP	-
32	ROLLER ASSY.	-
41	SILL NOSING	ALUM
42	SILL EXTENDER	ALUM

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




October 21, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409


F. SCHMIDT
LICENSE
No. 43409
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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SHEET 6 OF 6					