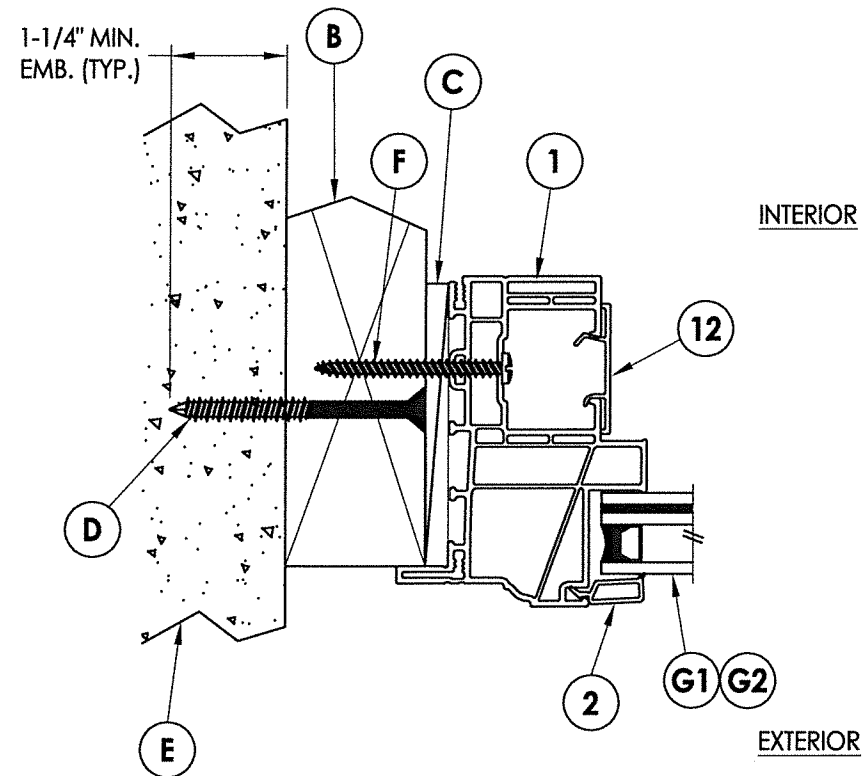
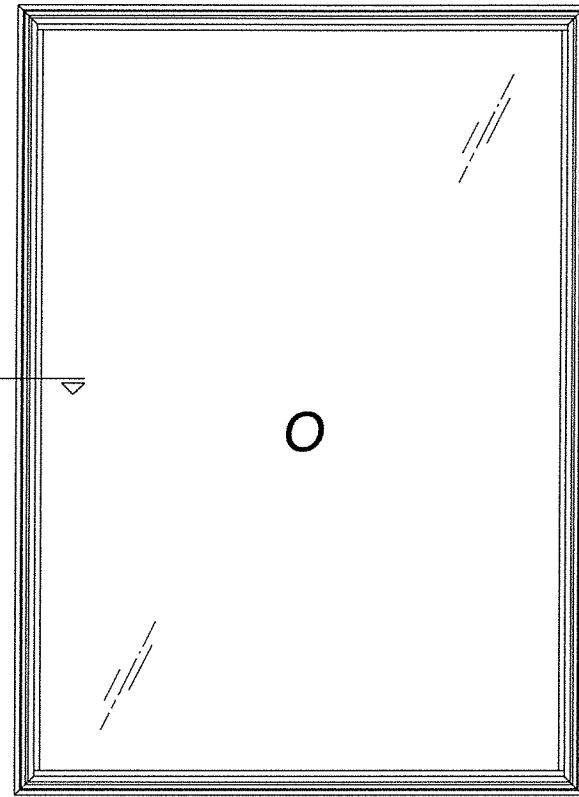
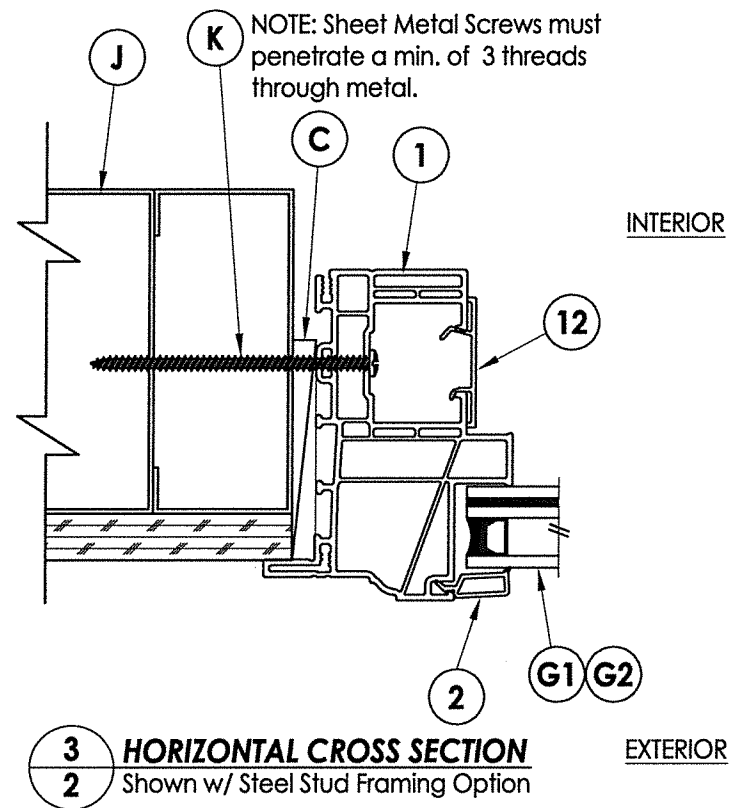


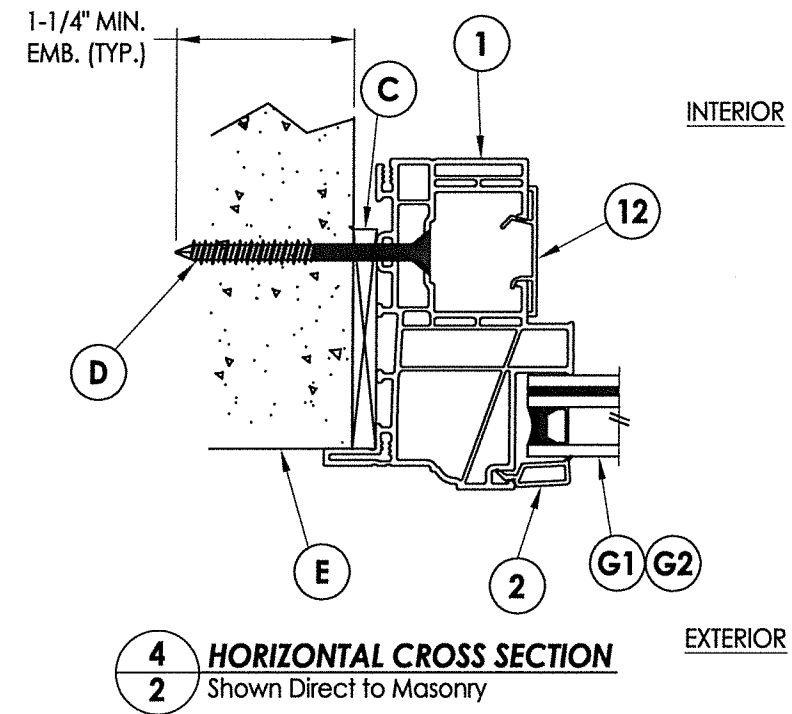


1 HORIZONTAL CROSS SECTION

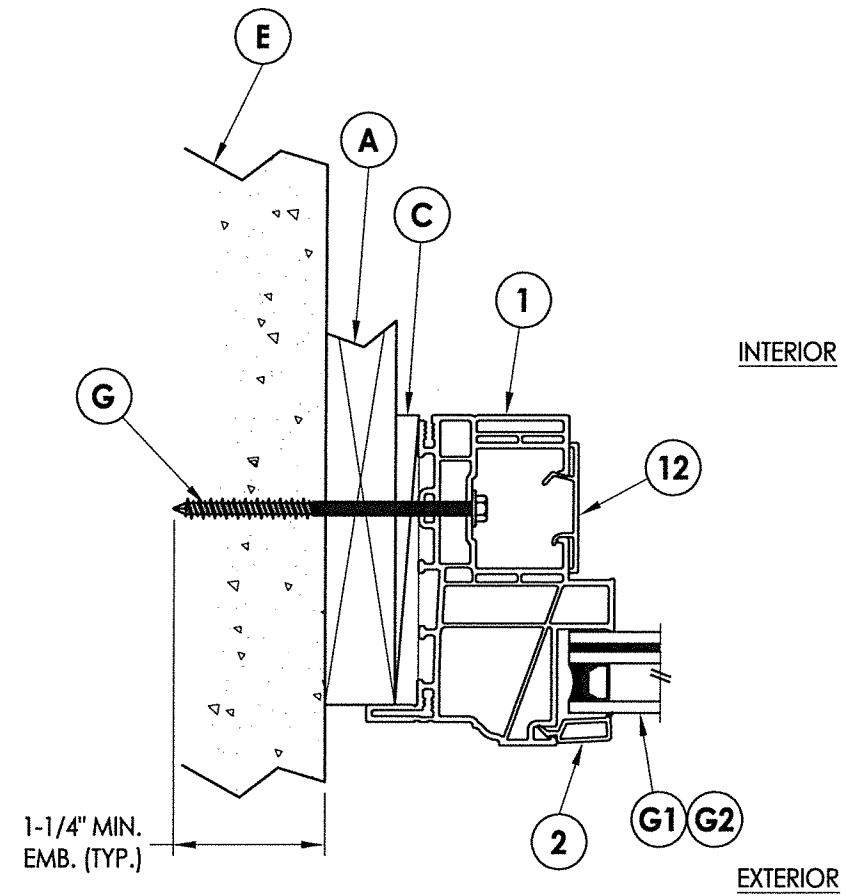
2 2X Buck Masonry Construction



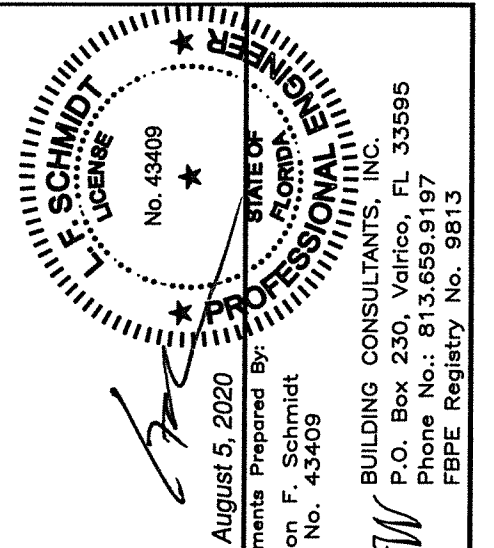
3 HORIZONTAL CROSS SECTION
2 Shown w/ Steel Stud Framing Option



4 2 HORIZONTAL CROSS SECTION



2 HORIZONTAL CROSS SECTION
2 1X Stud Construction

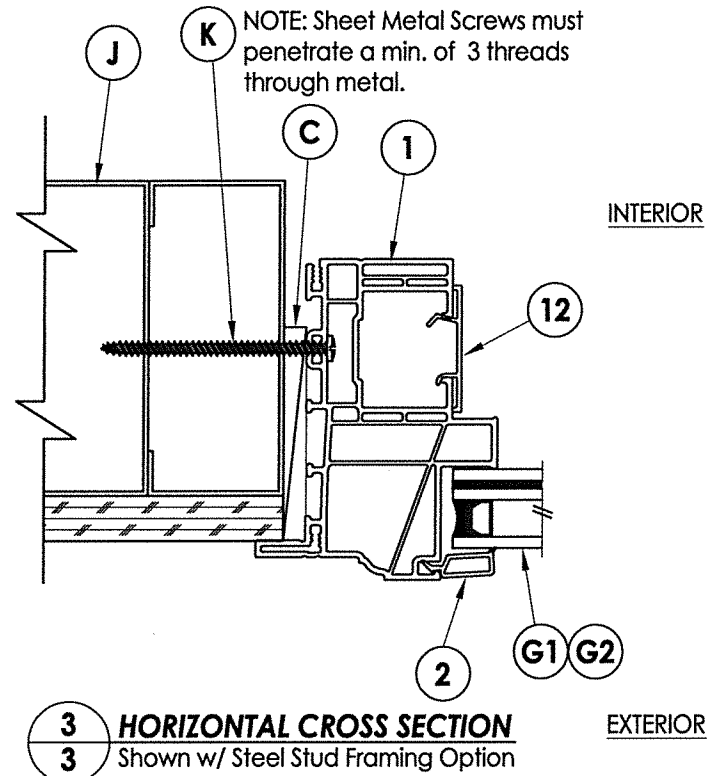


August 5, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT:		Doers		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
3	8/04/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
2	9/22/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
1	9/26/16	ADDED ALT. ANCHOR LOCATION	LFS		
NO.	DATE				
				REVISIONS	
DATE: 6/26/15					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-15099.18					
SHEET 2 OF 6					

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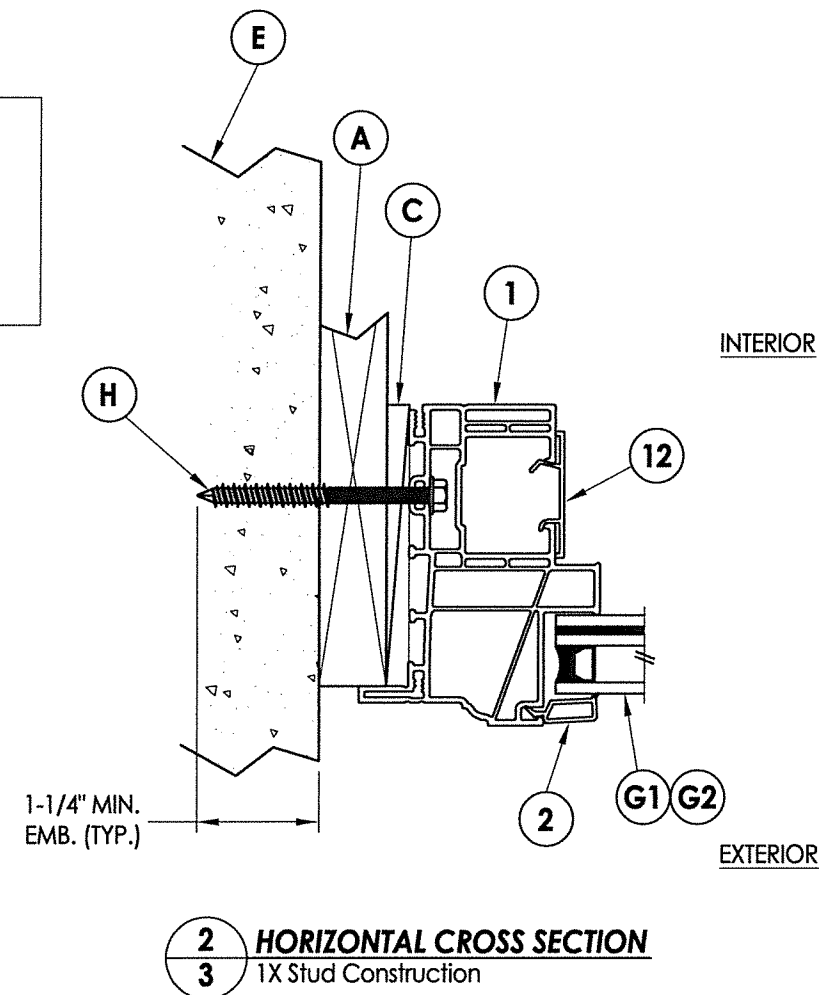


1-1/4" MIN.
EMB. (TYP.)

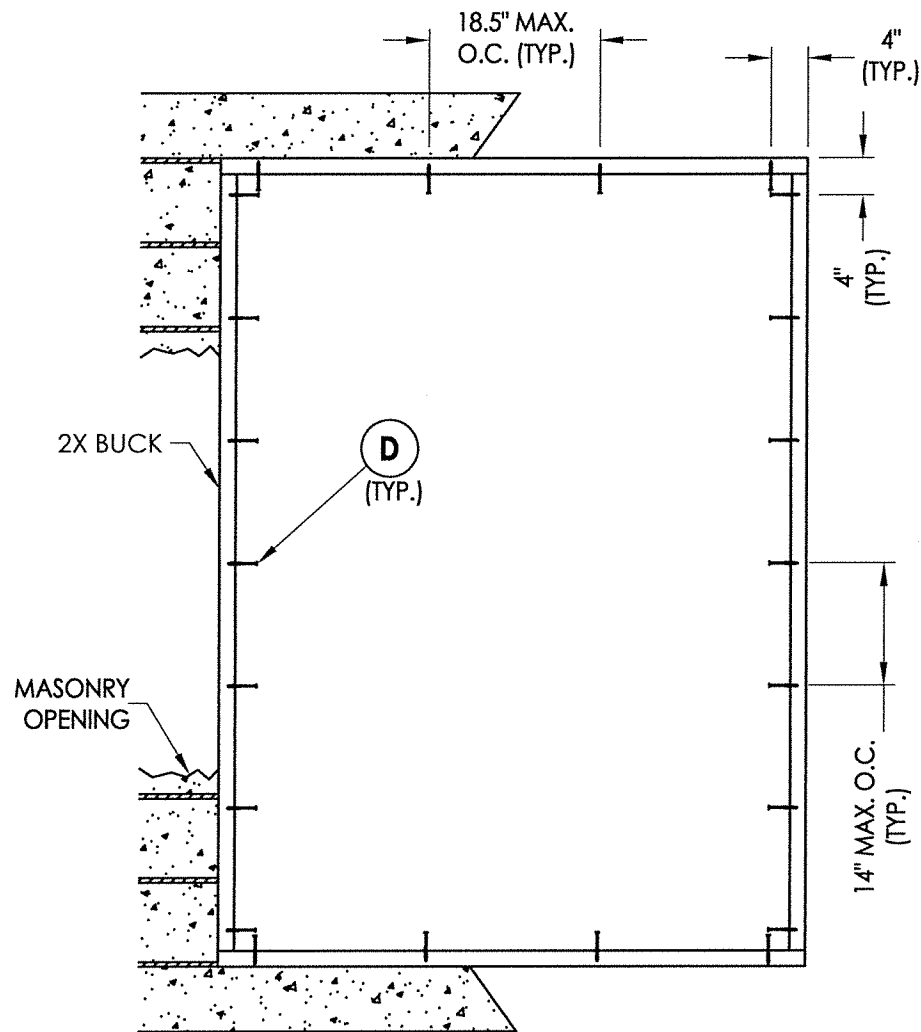
INTERIOR

EXTERIOR

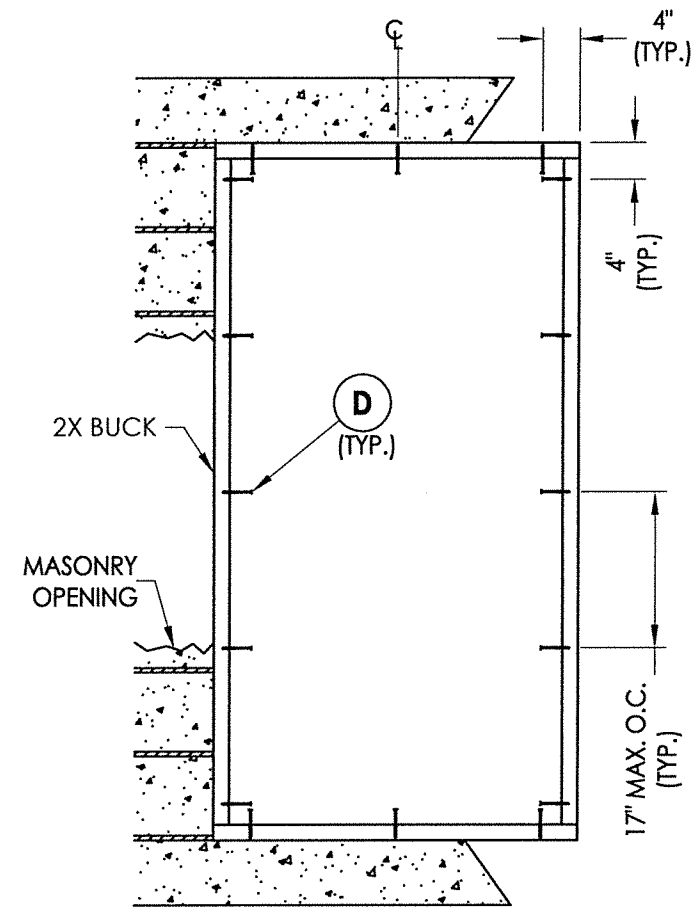
HORIZONTAL CROSS SECTION
Shown Direct to Masonry



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BUCK ANCHORING
60" x 84" MAX. FRAME SIZE



BUCK ANCHORING
36" x 72" MAX. FRAME SIZE

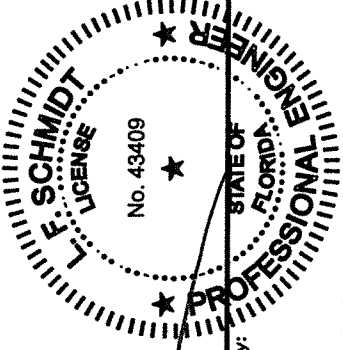
CONCRETE ANCHOR NOTES:

- 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:

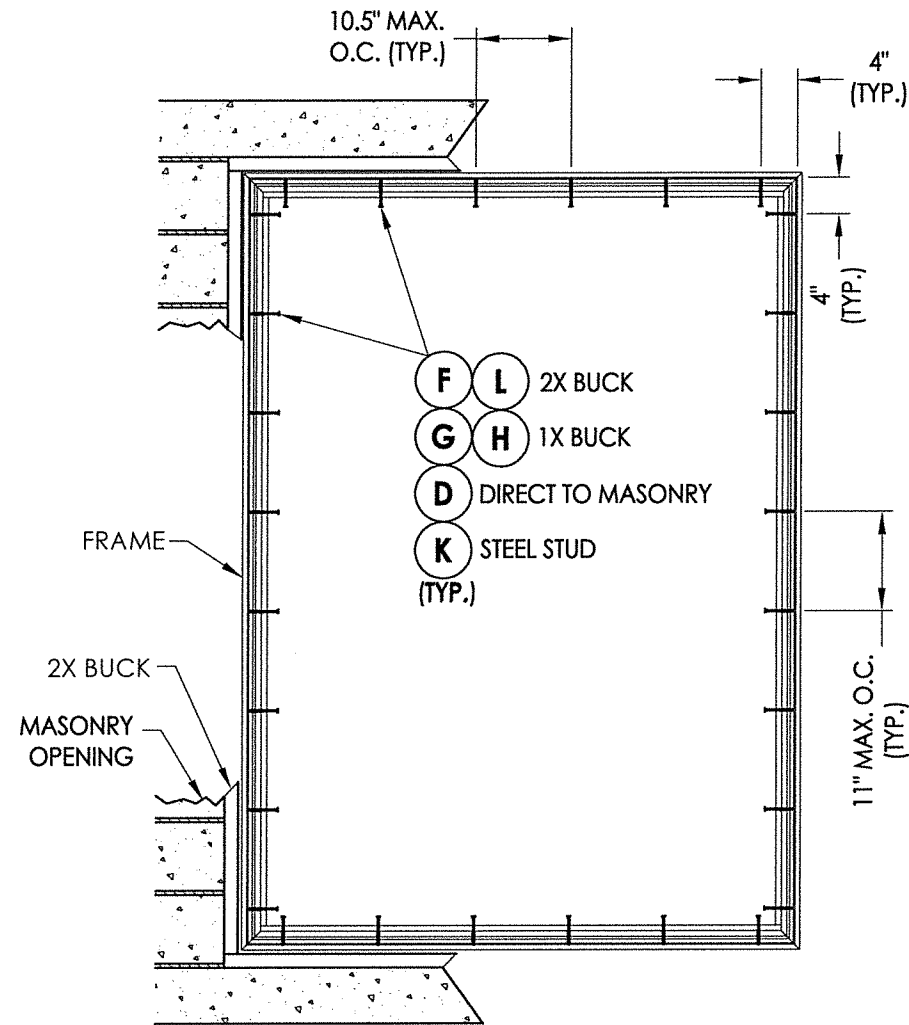
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

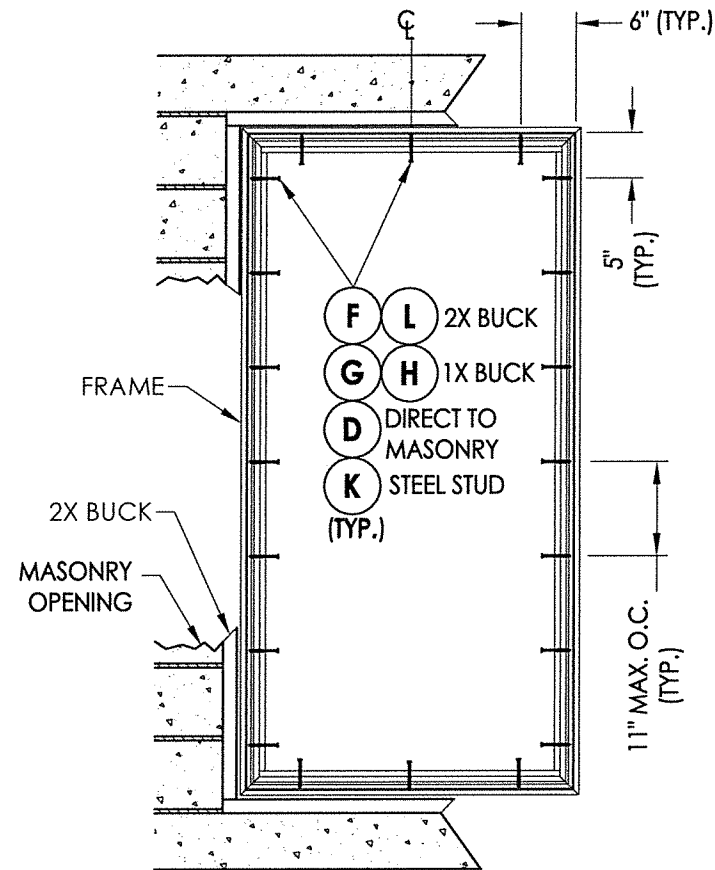
- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

		August 5, 2020	
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: Doers		PART OR ASSEMBLY: BUCK ANCHORING	
DATE: 6/26/15		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-15099.18		SHEET 4 OF 6	
NO. DATE		REVISIONS	
3	8/04/20	UPDATE TO 7TH ED. (2020)	FBC DAC
2	9/22/17	UPDATE TO 6TH ED. (2017)	FBC JK
1	9/26/16	ADDED ALT. ANCHOR LOCATION	LFS

\\dc01\vwbc\Clients\Doers PERMANENTVA - Florida Product Approvals\FL-15099 Windows - Fixed\C - Drawings\FL-15099 (2020)\FL-15099.18.dwg



FRAME ANCHORING
60" x 84" MAX. FRAME SIZE



FRAME ANCHORING
36" x 72" MAX. FRAME SIZE

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:

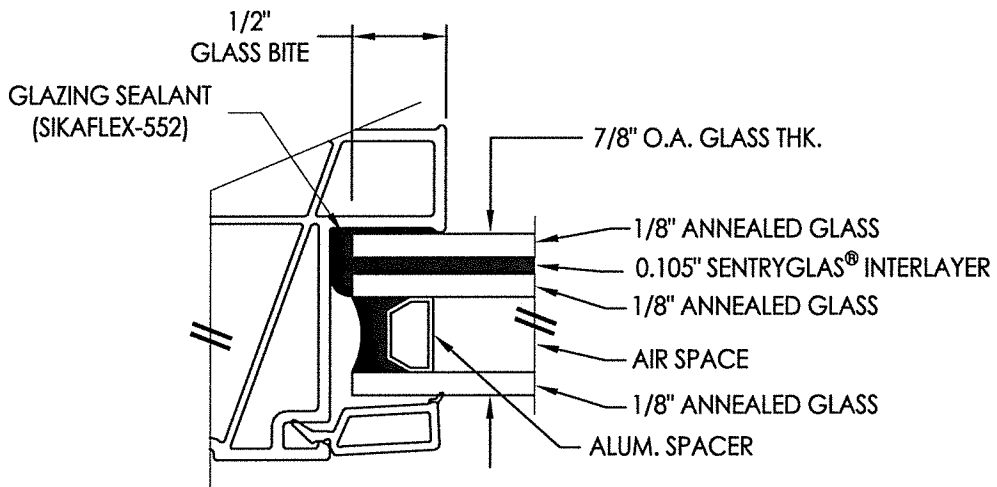
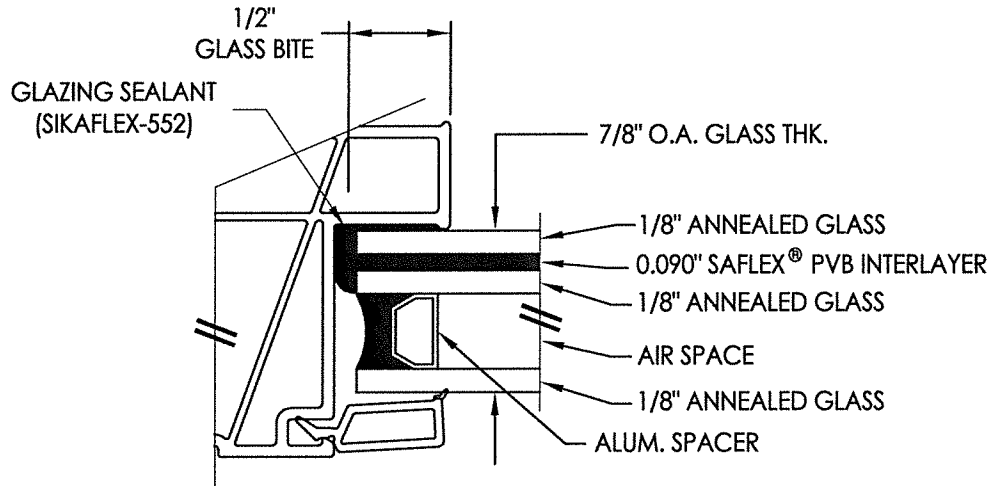
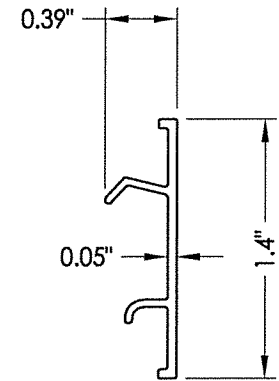
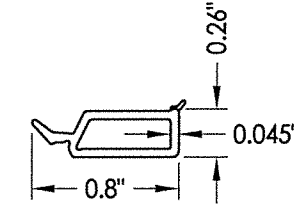
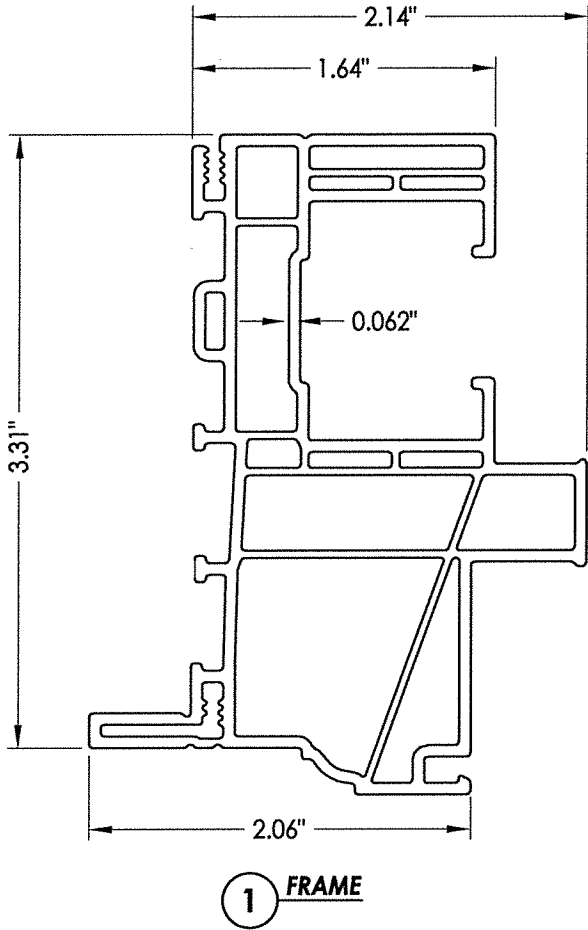
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

		August 5, 2020 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: Doers		PART OR ASSEMBLY: FRAME ANCHORING			
		DATE: 6/26/15			
		SCALE: N.T.S.			
		DWG. BY: JK			
		CHK. BY: LFS			
		DRAWING NO.: FL-15099.18			
		SHEET 5 OF 6			
		REVISIONS			
		NO. DATE			
		3 8/04/20 UPDATE TO 7TH ED. (2020) FBC DAC			
		2 9/22/17 UPDATE TO 6TH ED. (2017) FBC JK			
		1 9/26/16 ADDED ALT. ANCHOR LOCATION LFS			

\\dc01\wbc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15099 Windows - Fixed\C - Drawings\FL-15099 (2020)\FL-15099.18.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.55)	WOOD
B	2X BUCK (SG >= 0.55)	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	#10 X 2" PPH SMS (1-1/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-1/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
H	1/4" X 2-3/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
J	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 ksi min., Fu=45 ksi min.)	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
L	#10 X 2" PPH SMS (1-1/2" MIN. EMBEDMENT)	STEEL
1	EXTRUDED VINYL FRAME (437)*	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD (736A)*	RIGID PVC
12	FRAME ADAPTER	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".



G1 GLAZING DETAIL

G2 GLAZING DETAIL

NOTE: GLAZING > 36" WIDE REQUIRES TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1

FLORIDA
SCHMIDT
LICENSE
No. 43409

STATE OF
FLORIDA
PROFESSIONAL
ENGINEER

August 5, 2020

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:		Doers	
PART OR ASSEMBLY:		BILL OF MATERIALS, COMPONENTS & GLAZING DETAILS	
		DAC	JK
		UPDATE TO 7TH ED. (2020)	FBC
		UPDATE TO 6TH ED. (2017)	FBC
		ADDED ALT. ANCHOR LOCATION	LFS
		NO.	DATE
			BY
REVISIONS			
DATE: 6/26/15			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15099.18			
SHEET 6 OF 6			