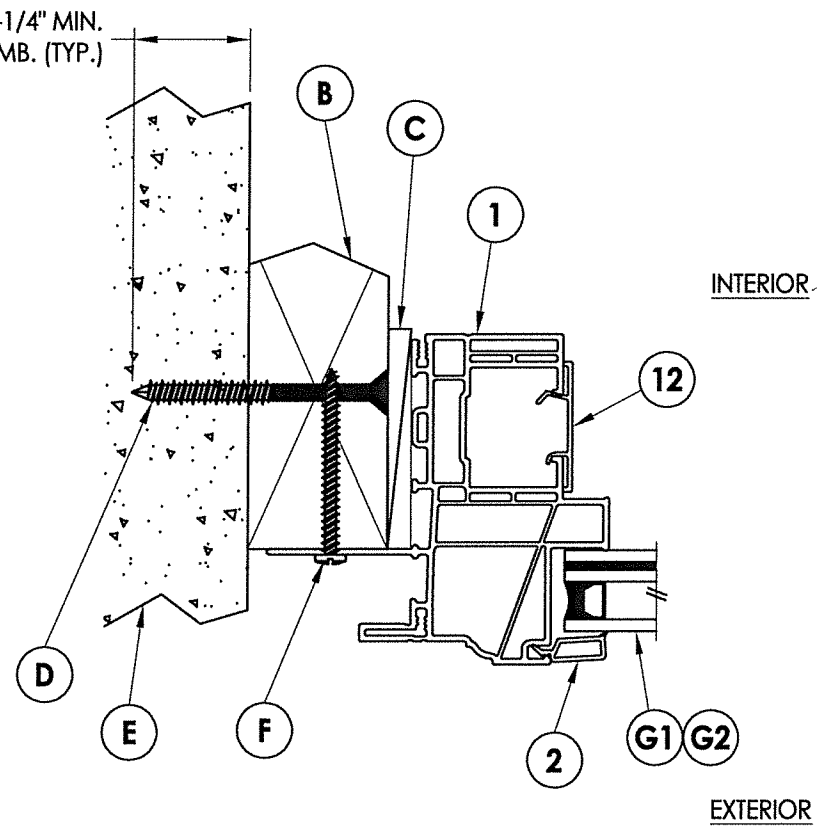
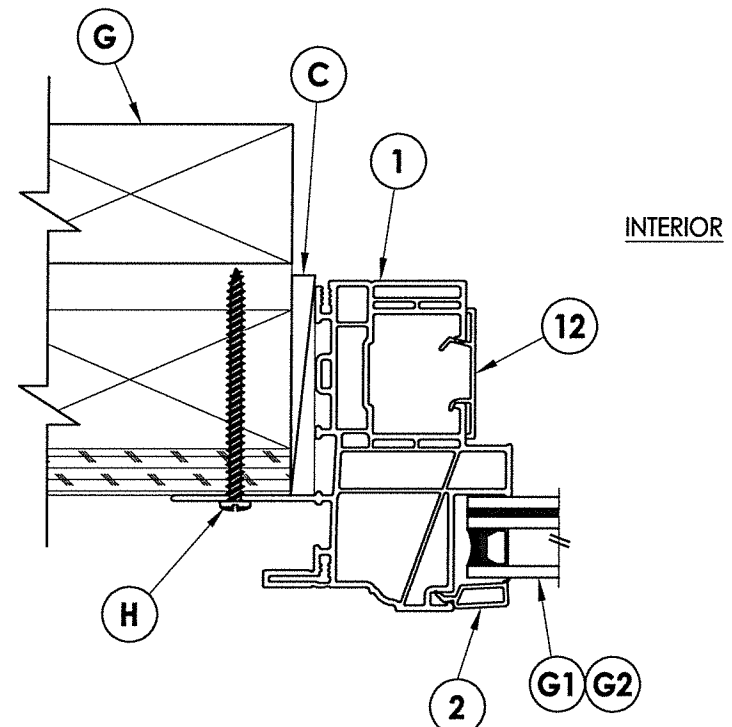
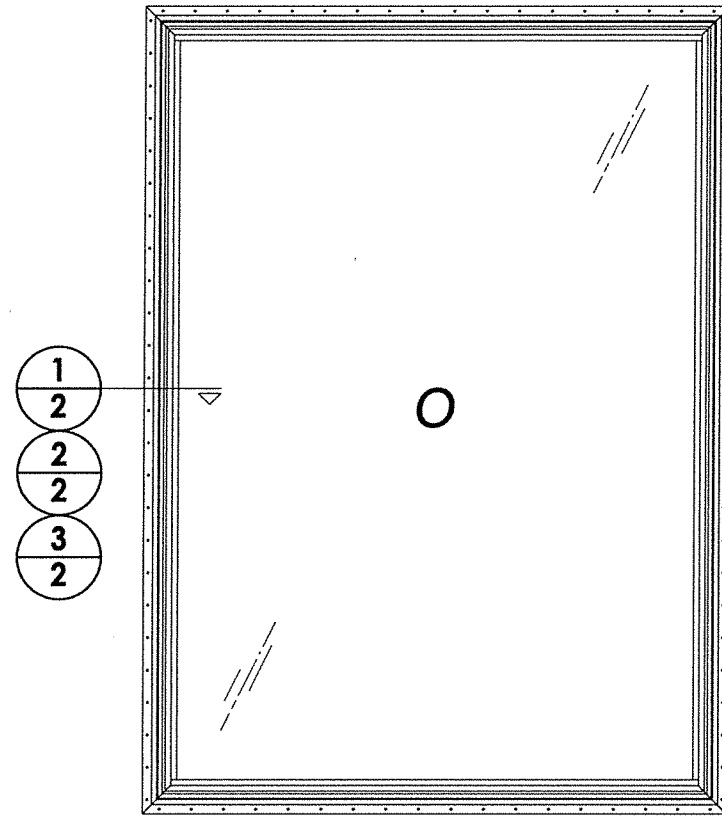


1-1/4" MIN.
EMB. (TYP.)

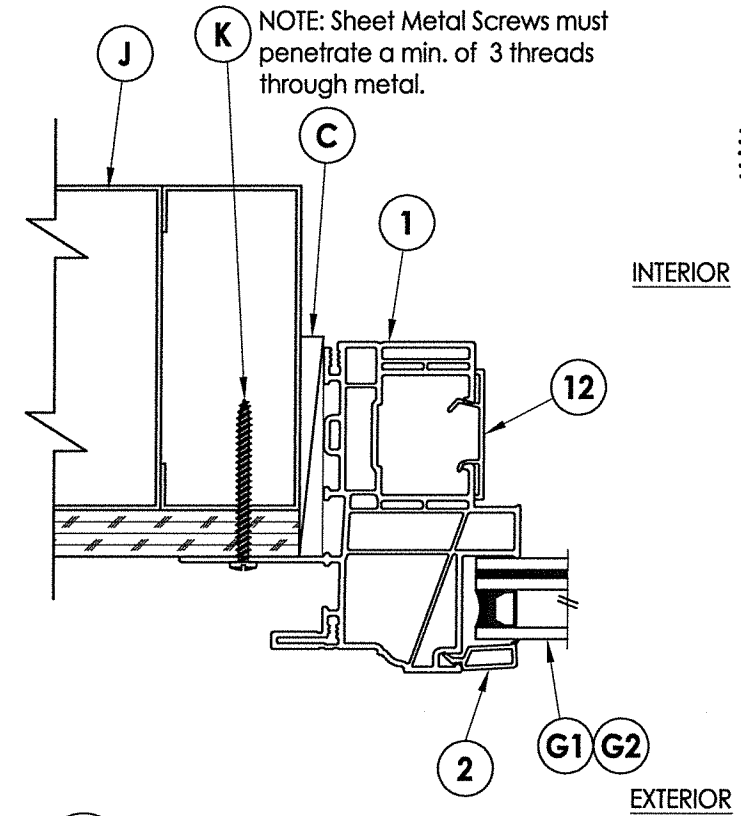


1 HORIZONTAL CROSS SECTION

2 2X Buck Masonry Construction



2 HORIZONTAL CROSS SECTION EXTERIOR
2 2X Stud Construction



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

NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through metal.



L.F. Schmidt

August 5, 2020

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

DATE: 6/26/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15099.17

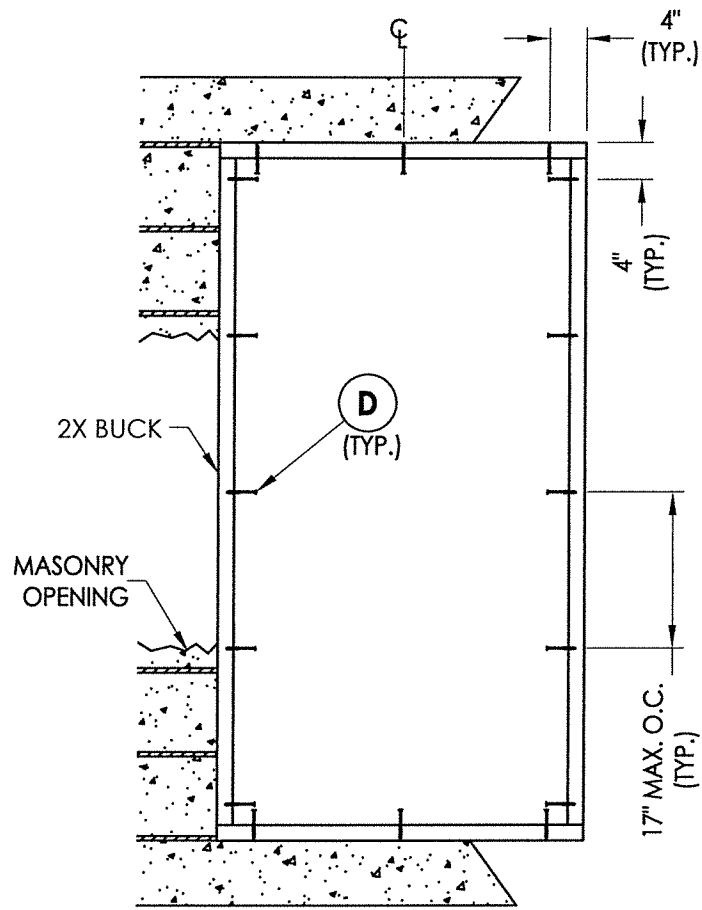
SHEET 2 OF 5

PRODUCT:		Doers	
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS		2	8/04/20 UPDATE TO 7TH ED. (2020) FBC
		1	9/22/17 UPDATE TO 6TH ED. (2017) FBC
		NO. DATE	
		REVISIONS	

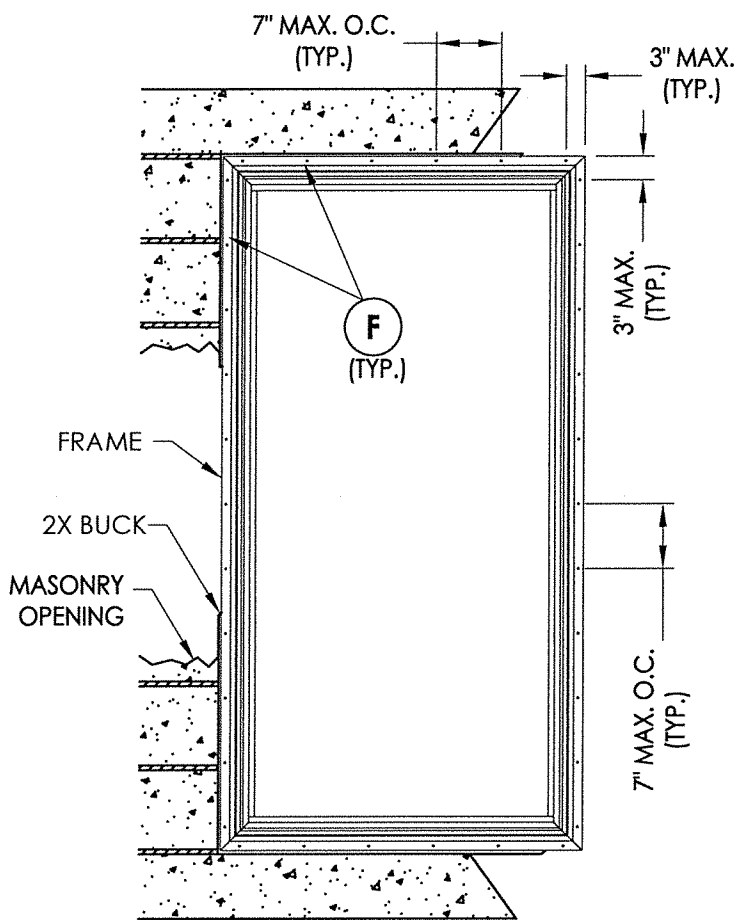
Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

RW

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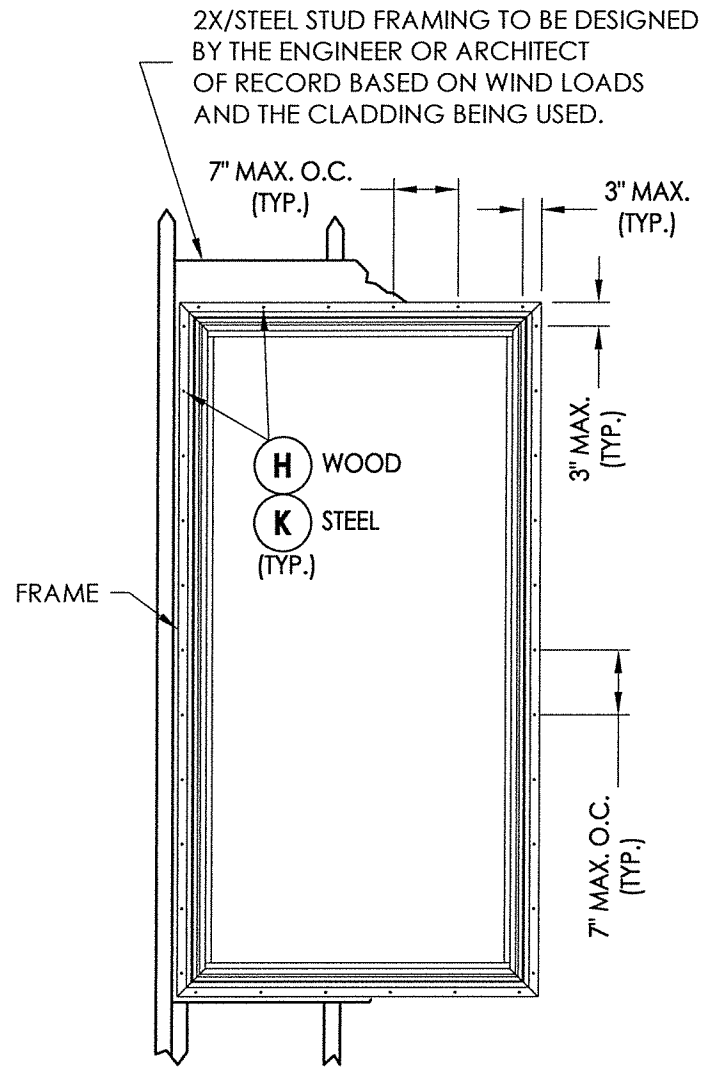


BUCK ANCHORING
36" x 72"



FRAME ANCHORING
2X Buck Masonry
Construction

36" X 72" MAX FRAME SIZE



FRAME ANCHORING
Stud Construction

2X/STEEL STUD FRAMING TO BE DESIGNED
BY THE ENGINEER OR ARCHITECT
OF RECORD BASED ON WIND LOADS
AND THE CLADDING BEING USED.

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.

FLORIDA
L.F. SCHMIDT
LICENSE
No. 43409

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

August 5, 2020

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

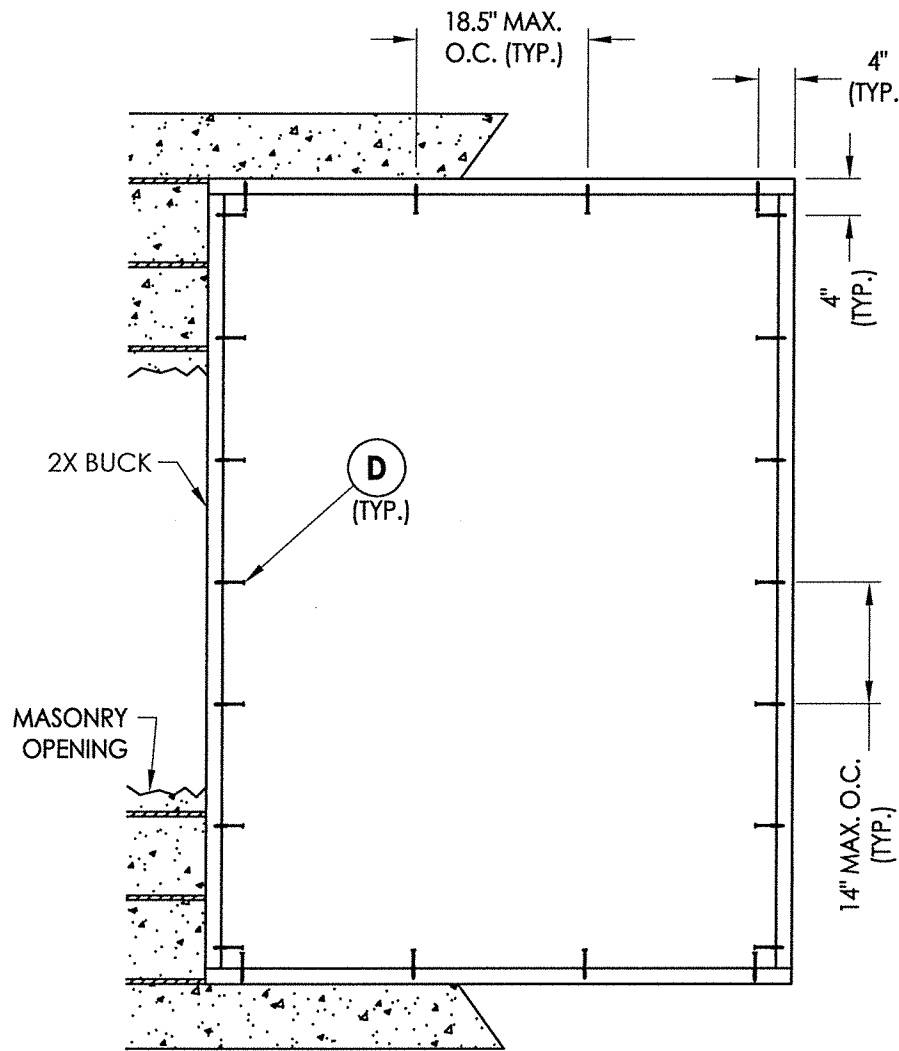
RW

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

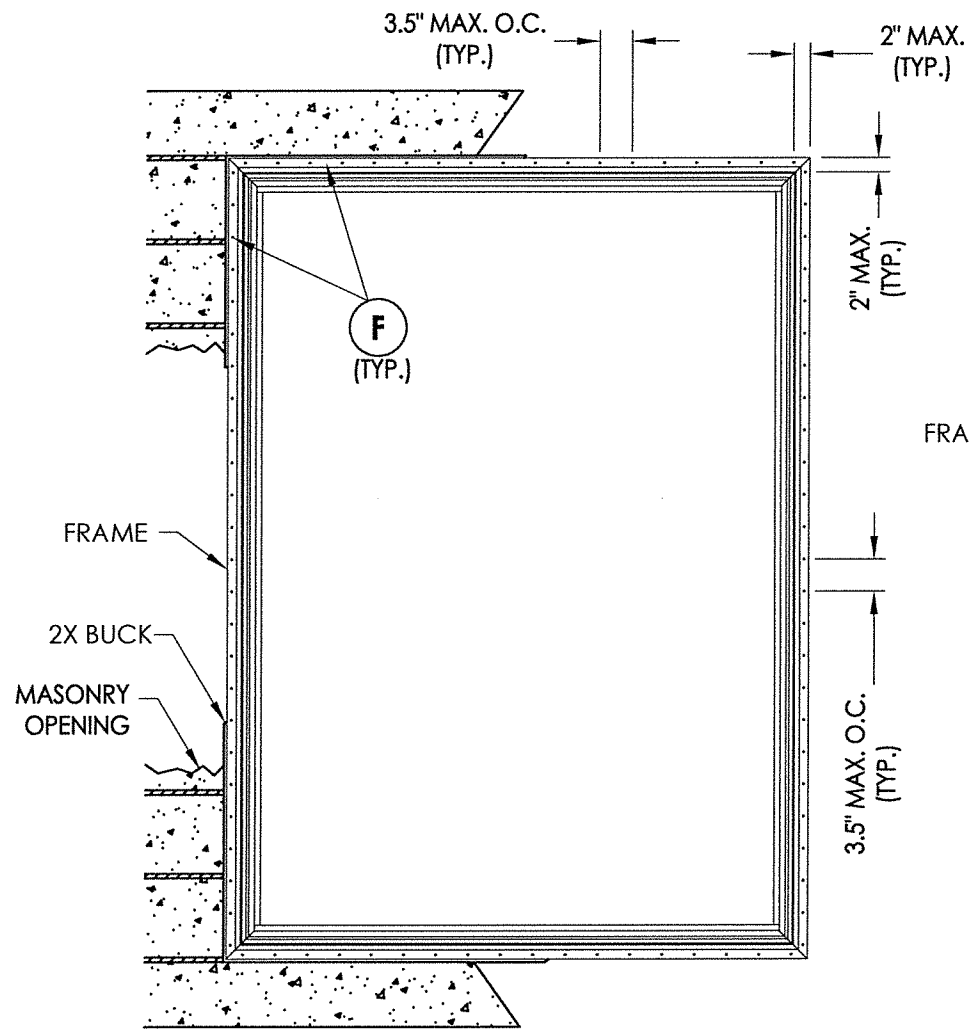
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PART OR ASSEMBLY:	BUCK & FRAME ANCHORING				
DATE	NO.	DATE	NO.	DATE	NO.
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9/22/17	1	9/22/17	1	9/22/17	1
DATE	NO.	DATE	NO.	DATE	NO.
6/26/15		6/26/15		6/26/15	
SCALE:	N.T.S.	SCALE:	N.T.S.	SCALE:	N.T.S.
DWG. BY:	JK	DWG. BY:	JK	DWG. BY:	JK
CHK. BY:	LFS	CHK. BY:	LFS	CHK. BY:	LFS
DRAWING NO.:	FL-15099.17	DRAWING NO.:	FL-15099.17	DRAWING NO.:	FL-15099.17
SHEET	3	OF	5	SHEET	3

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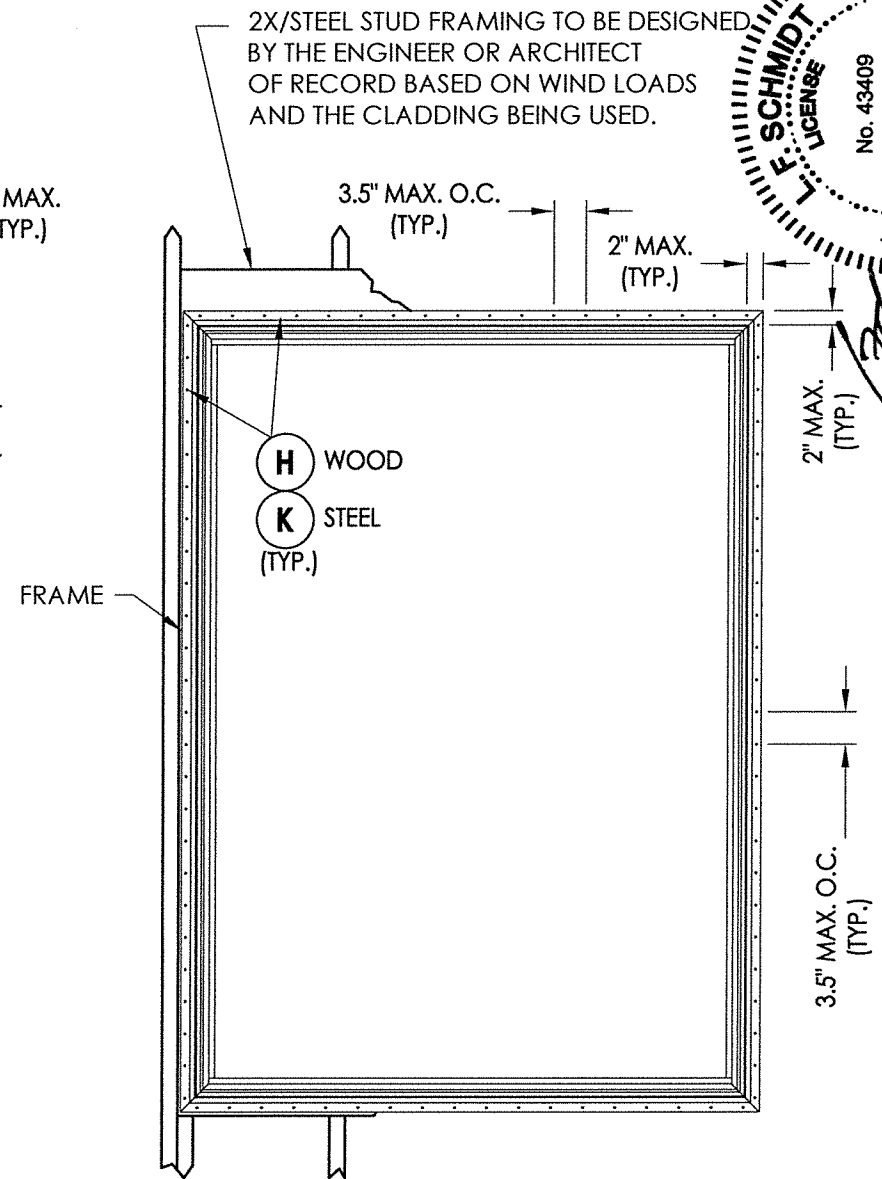
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BUCK ANCHORING
60" x 84"



FRAME ANCHORING
2X Buck Masonry
Construction



FRAME ANCHORING
Stud Construction

60" X 84" MAX FRAME SIZE

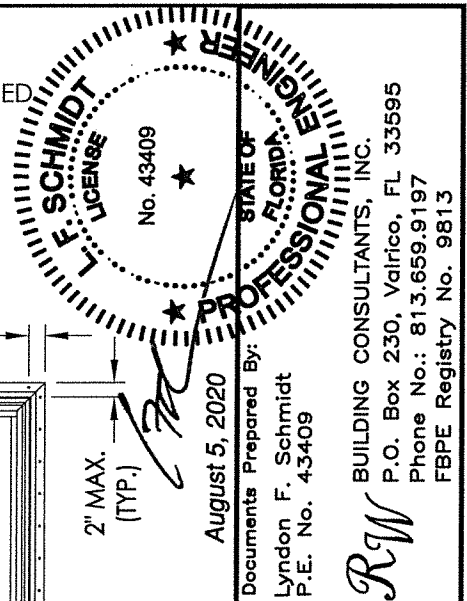
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WOOD SCREW INSTALLATION NOTES:

- 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

Doers
PART OR ASSEMBLY:
BUCK & FRAME
ANCHORING

NO.	DATE	REVISIONS
2	8/04/20	UPDATE TO 7TH ED. (2020) FBC
1	9/22/17	UPDATE TO 6TH ED. (2017) FBC

DATE: 6/26/15

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

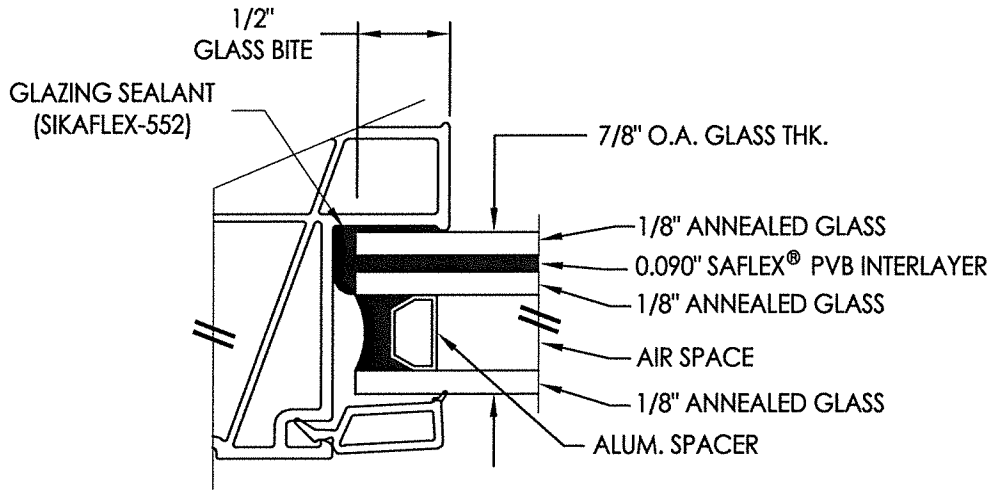
FL-15099.17

SHEET 4 OF 5

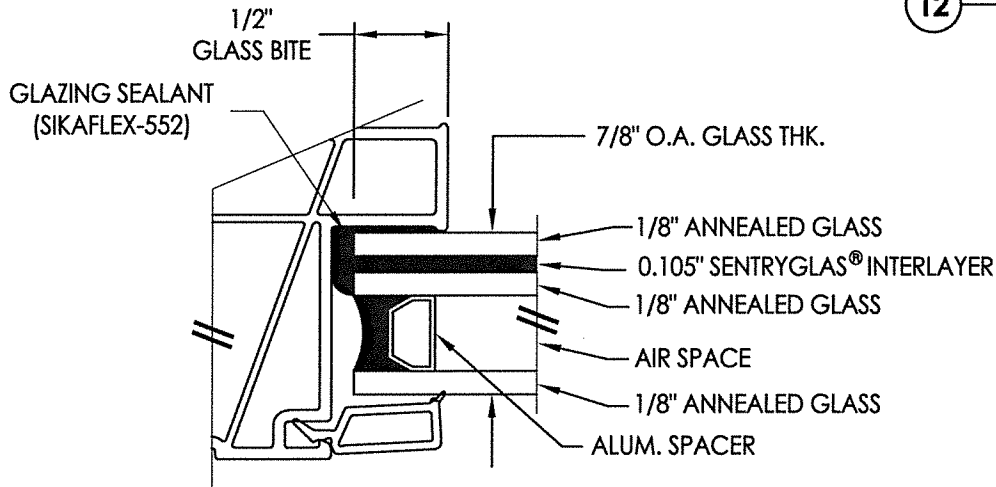
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH SMS (1-3/4" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.55)	WOOD
H	#10 X 2-1/2" PPH SMS (1-3/4" MIN. EMBEDMENT)	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
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".

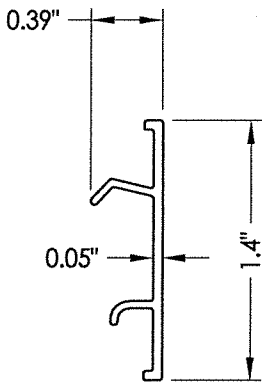
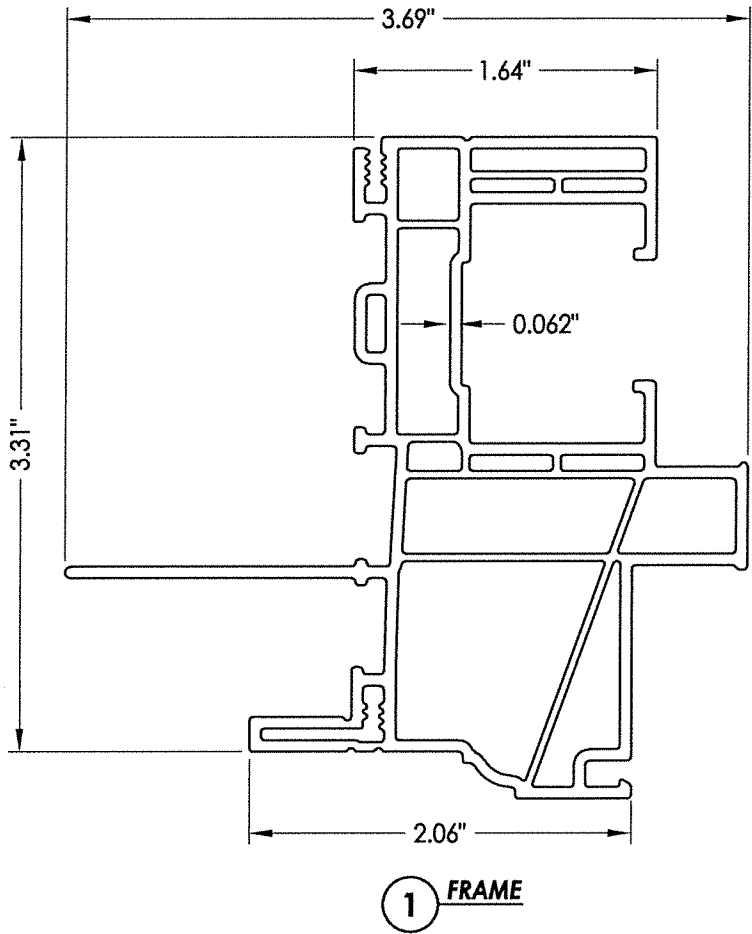


G1 GLAZING DETAIL

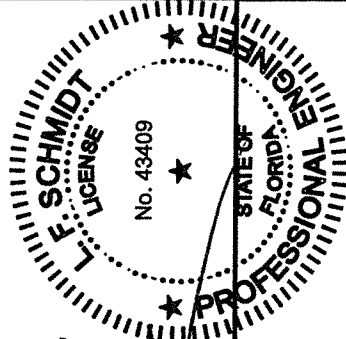
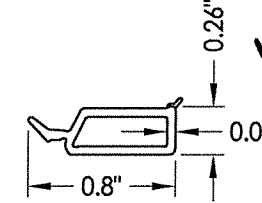


G2 GLAZING DETAIL

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



12 FRAME ADAPTER



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:		PART OR ASSEMBLY:	
Doers		BILL OF MATERIALS, COMPONENTS & GLAZING DETAILS	

REVISIONS	
NO.	DATE
2	8/04/20
1	9/22/17

DATE:	6/26/15
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-15099.17

SHEET 5 OF 5