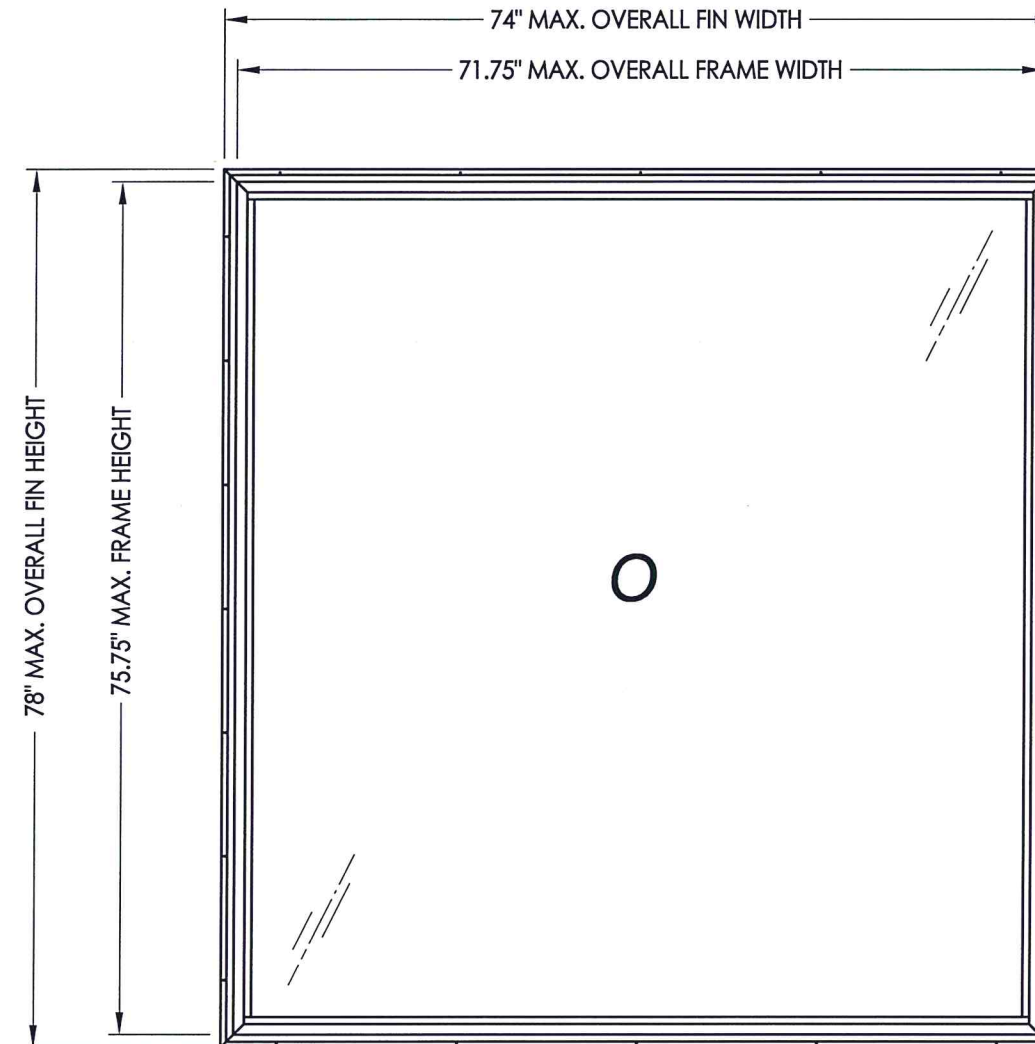


GENERAL NOTES

1. This product has been evaluated and is in compliance with the 7th Edition (2020) Florida Building Code (FBC) structural requirements including 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 the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection, this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
6. This product meets water infiltration requirements for "HVHZ".

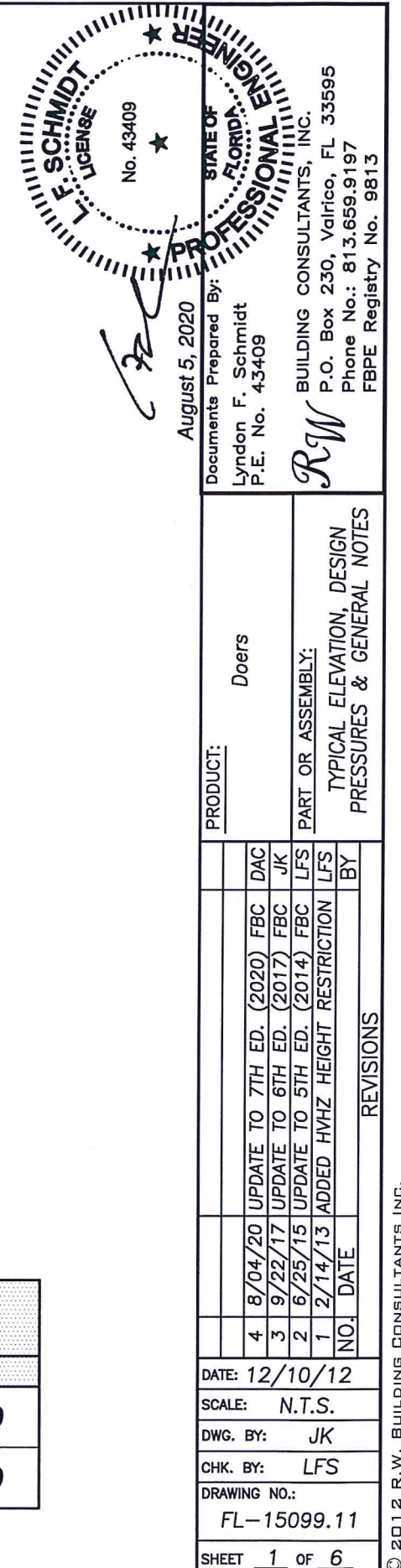
TABLE OF CONTENTS	
SHEET#	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Vertical & horizontal cross sections
3	Vertical & horizontal cross sections
4	Buck & frame anchoring
5	Buck & frame anchoring
6	Bill of materials, glazing details and components



NOTE: VERTICAL ORIENTATION SHOWN (HORIZONTAL ORIENTATION ALSO APPROVED)

OVERALL FIN DIMENSION	OVERALL FRAME DIMENSION	OVERALL DAY LIGHT DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POS.	NEG.
39.0" X 74.0"	36.75" X 71.75"	33.625" X 68.625"	G1	+40.0	-40.0
74.0" X 78.0"	71.75" X 75.75"	68.625" X 72.625"	G2	+45.0	-55.0

Note: This product is not approved for use above 30 feet in the "HVHZ".

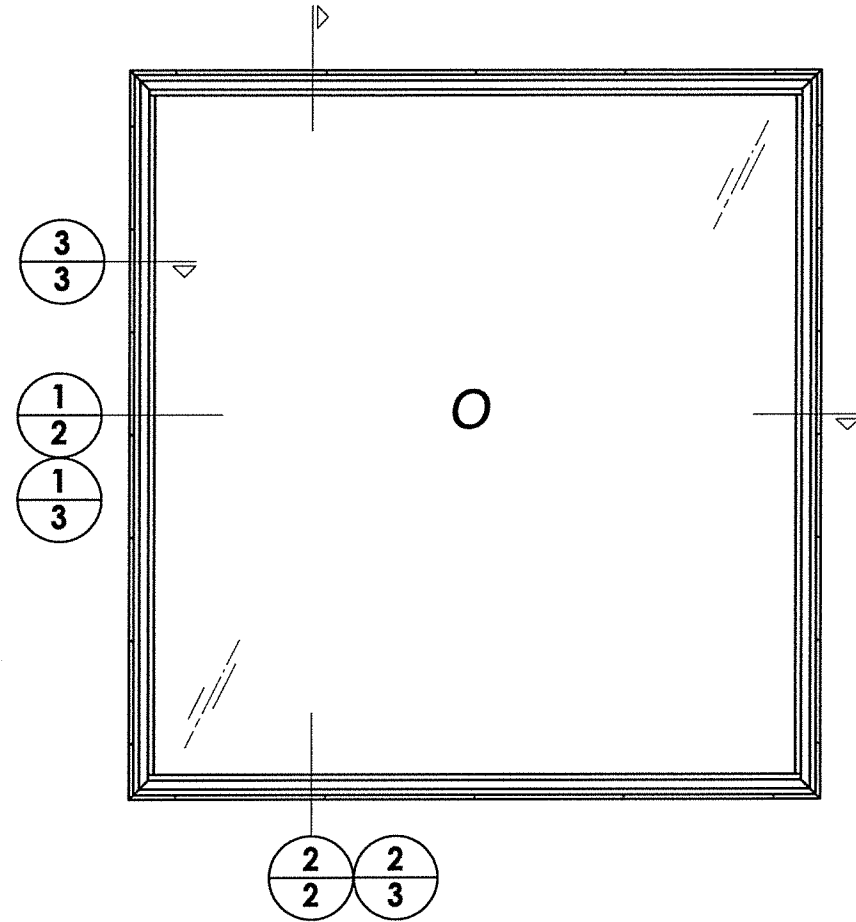


1-1/4" MIN.
EMB. (TYP.)

INTERIOR

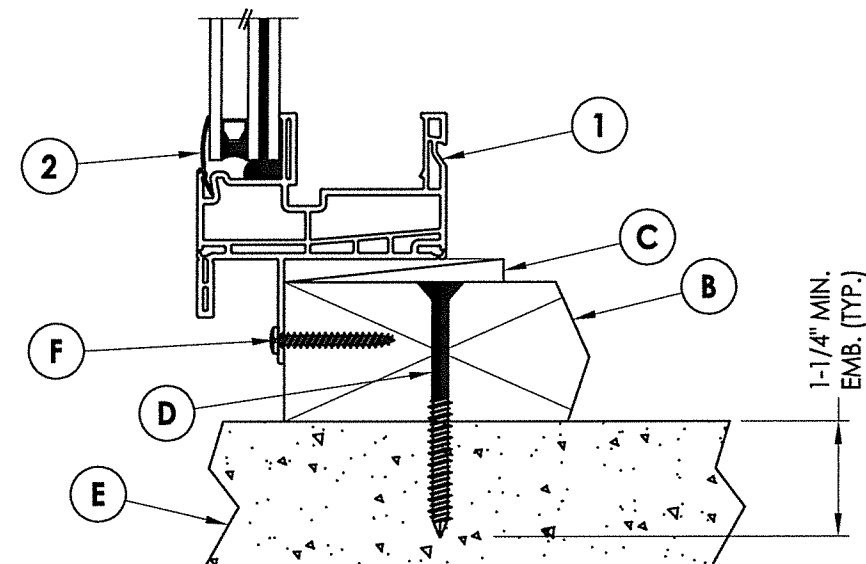
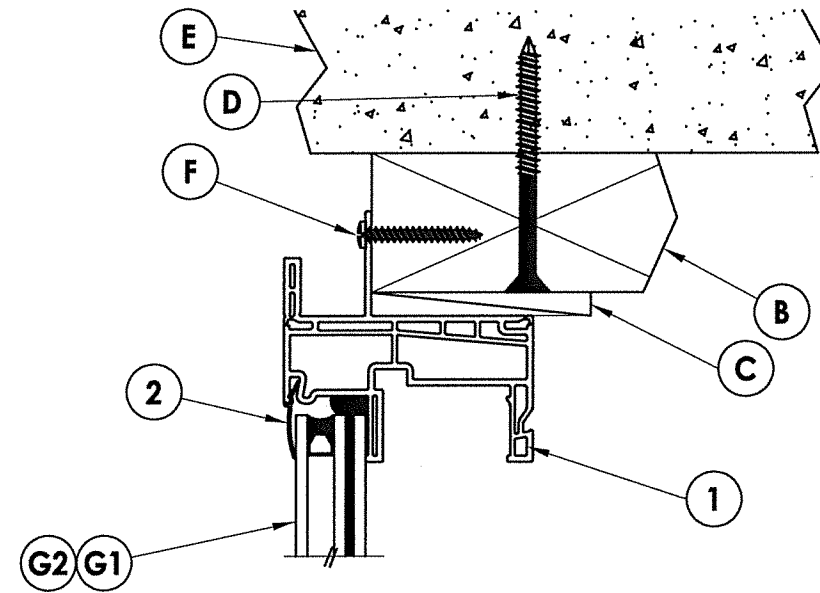
EXTERIOR

1 HORIZONTAL CROSS SECTION
2 2X Buck Masonry Construction



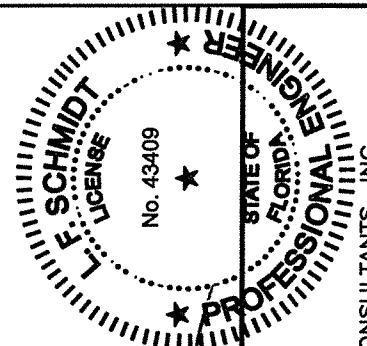
EXTERIOR

INTERIOR



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

2 VERTICAL CROSS SECTION
2X Buck Masonry 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

Doers

PRODUCT:

OR ASSEMBLY:
**VERTICAL & HORIZONTAL
CROSS SECTIONS**

4	8/04/20	UPDATE TO 7TH ED.	(2020)	FBC	DAC
3	9/22/17	UPDATE TO 6TH ED.	(2017)	FBC	JK
2	6/25/15	UPDATE TO 5TH ED.	(2014)	FBC	LFS
1	2/14/13	ADDED HVHZ HEIGHT RESTRICTION			LFS
NO.	DATE				
		REVISIONS			

DATE: 12/10/12

SCALE: N.T.S.

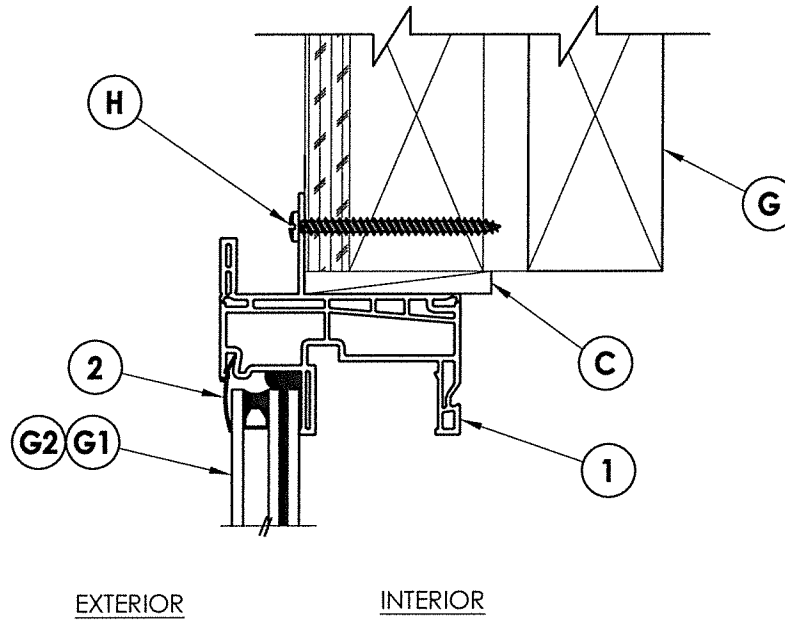
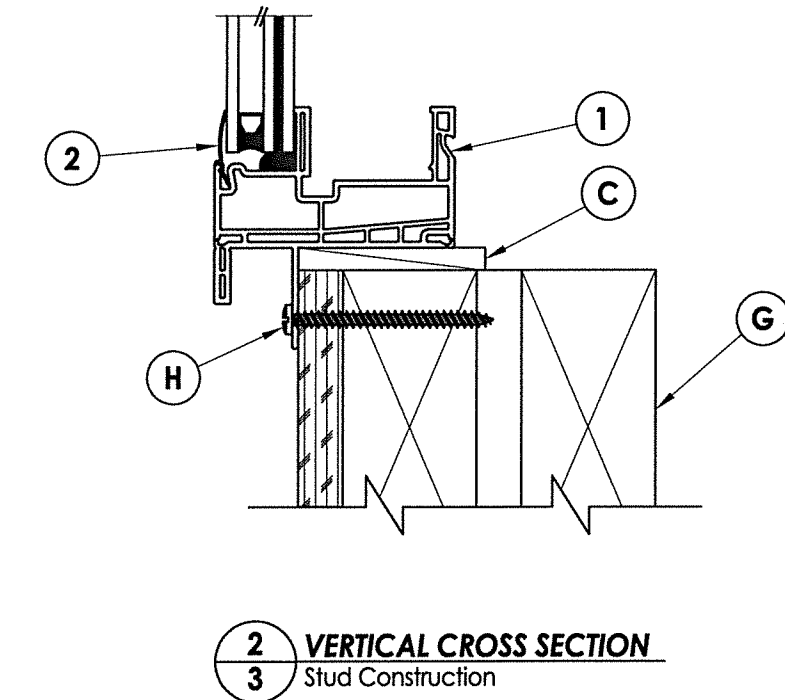
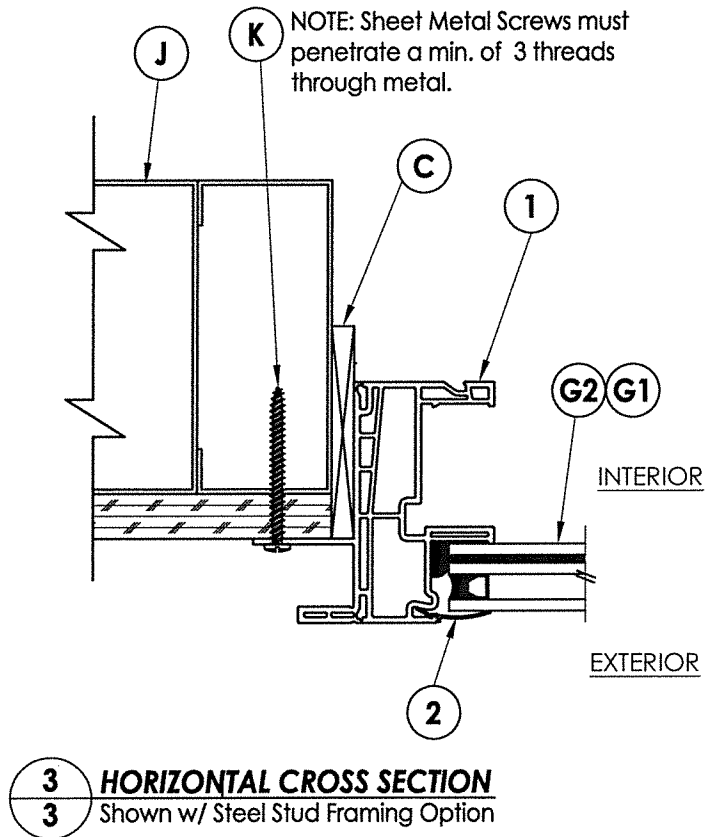
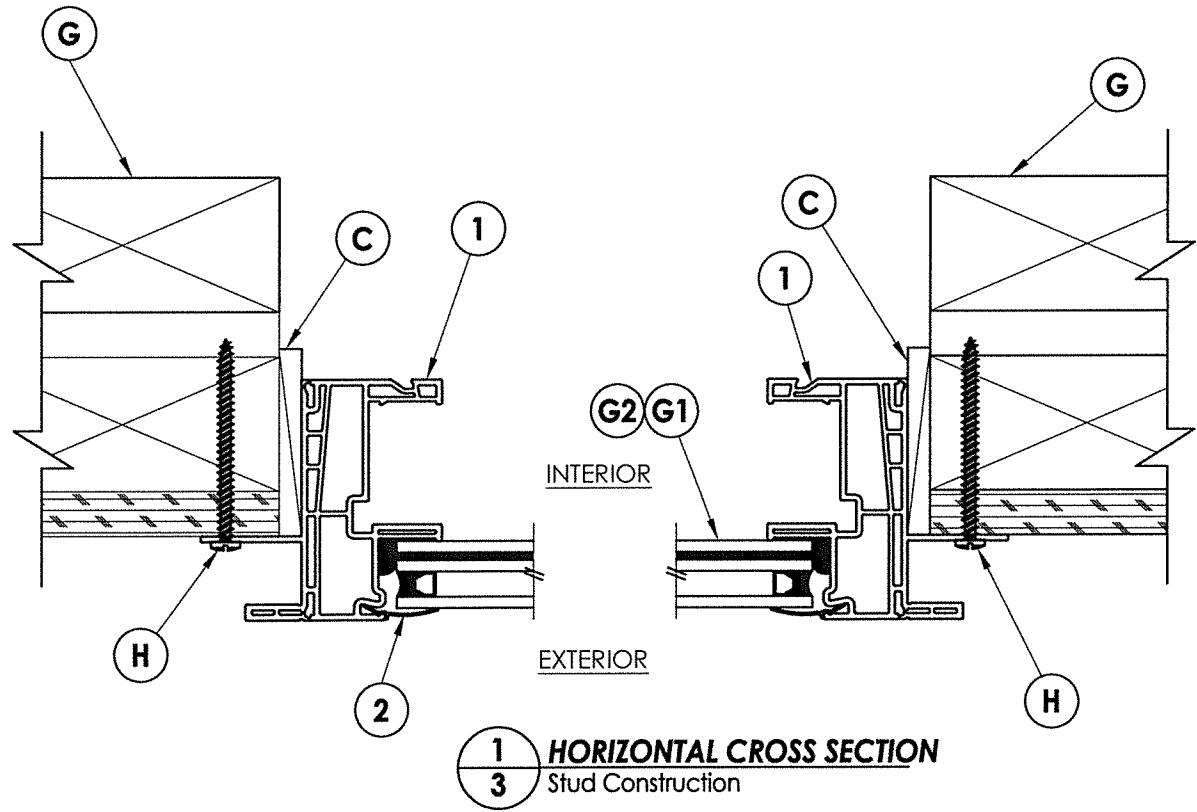
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15099.11

SHEET 2 OF 6



DATE: 12/10/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15099.11
SHEET 3 **OF** 6

REVISIONS

NO.	DATE	REVISION
2	8/04/20	UPDATE TO 7th ED. (2020) FBC DAC
1	6/25/15	UPDATE TO 5TH ED. (2014) FBC LFS
1	2/14/13	ADDED HVHZ HEIGHT RESTRICTION LFS

PRODUCT: Doers

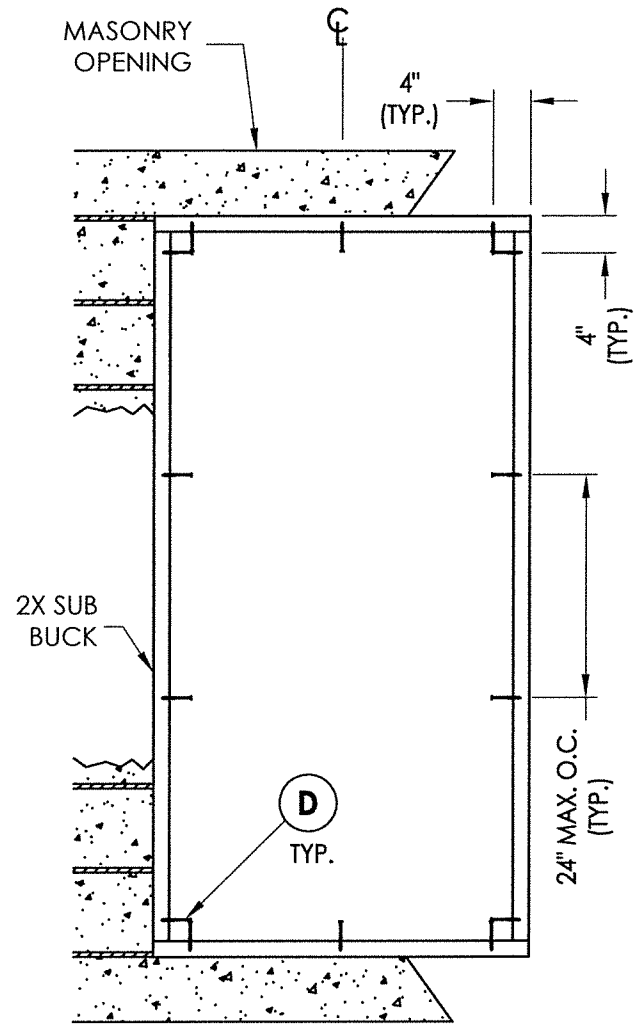
PART OR ASSEMBLY: VERTICAL & HORIZONTAL CROSS SECTIONS

DOCUMENTS PREPARED BY: Lyndon F. Schmidt
P.E. No. 43409

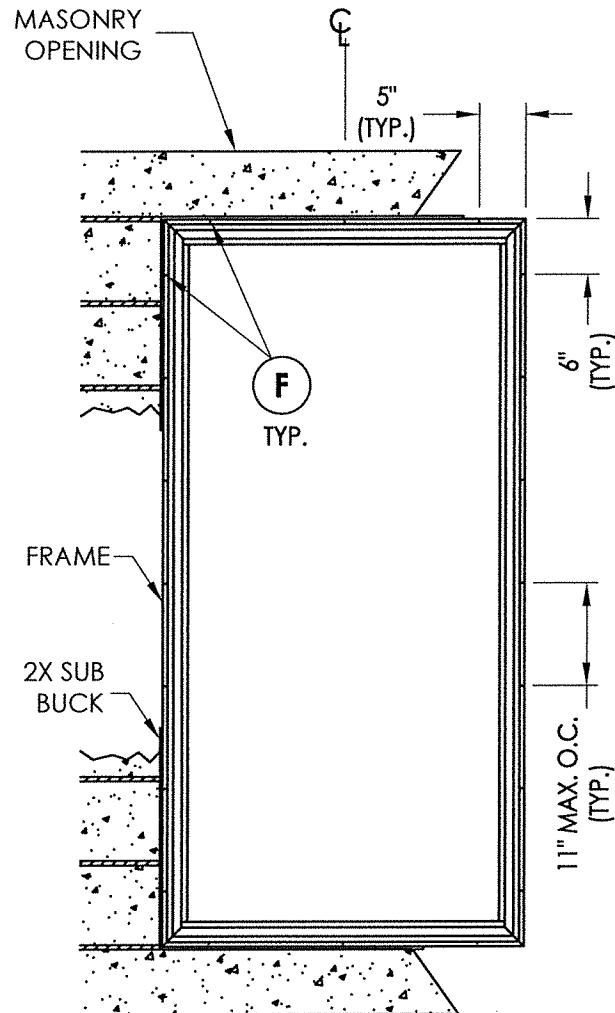
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

August 5, 2020

STATE OF FLORIDA
REGISTERED PROFESSIONAL ENGINEER
LYNDON F. SCHMIDT
License No. 43409



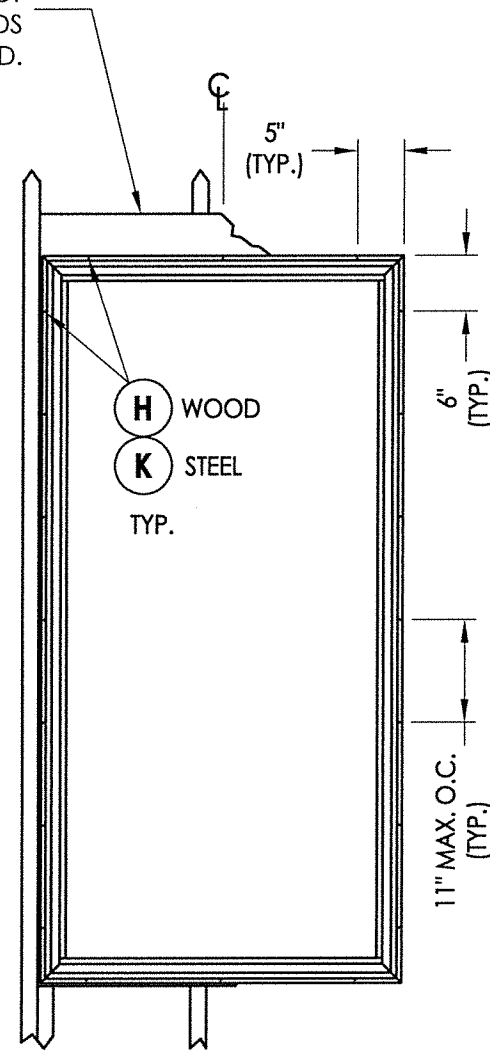
BUCK ANCHORING



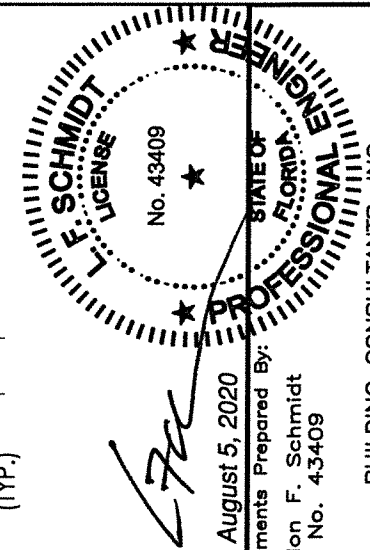
FRAME ANCHORING
2X Buck Masonry Construction

39" X 74" MAX. OVERALL FIN DIMENSION

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



FRAME ANCHORING
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: Doors

PART OR ASSEMBLY:
BUCK & FRAME ANCHORING

NO.	DATE	REVISIONS
4	8/04/20	UPDATE TO 7TH ED. (2020) FBC DAC
3	9/22/17	UPDATE TO 6TH ED. (2017) FBC JK
2	6/25/15	UPDATE TO 5TH ED. (2014) FBC LFS
1	2/14/13	ADDED HVHZ HEIGHT RESTRICTION LFS
		BY

DATE: 12/10/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15099.11

SHEET 4 OF 6

CONCRETE ANCHOR NOTES:

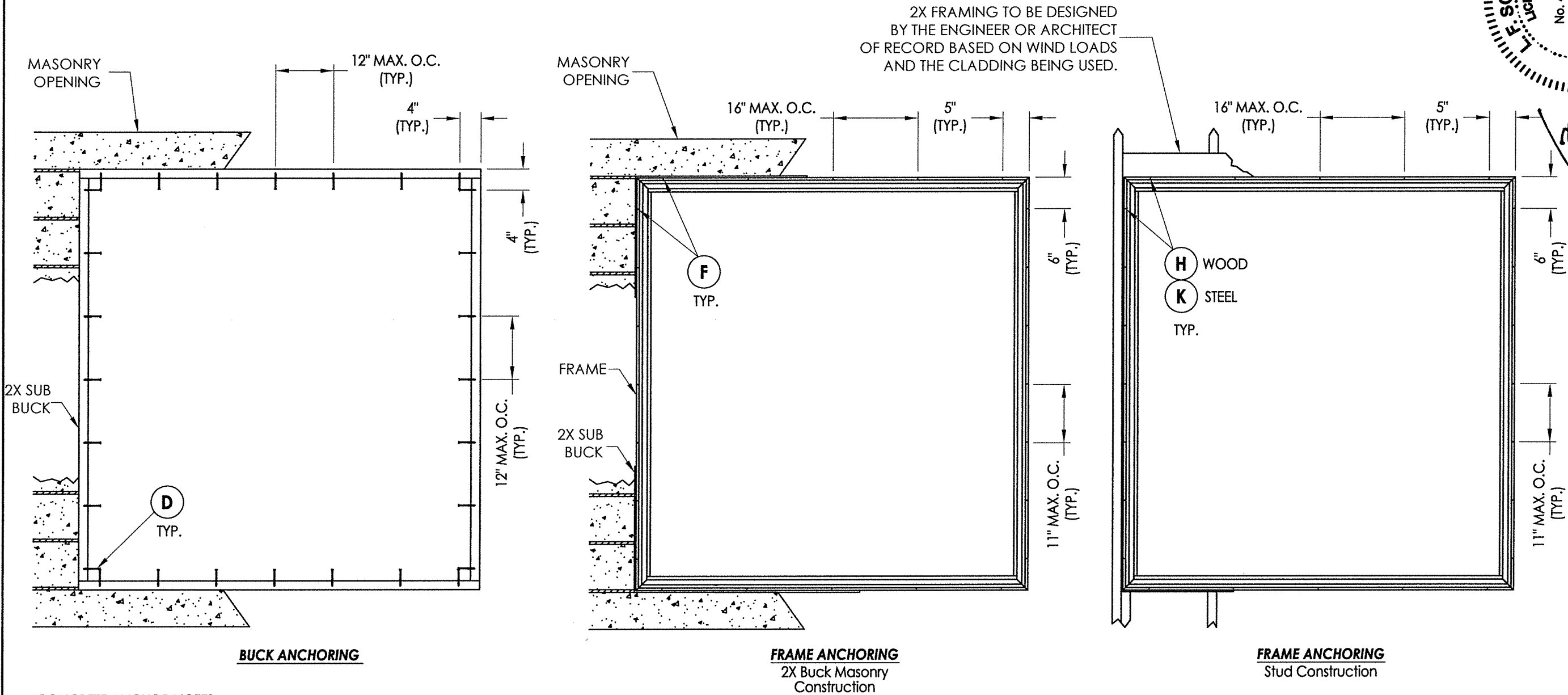
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON 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.

\\dc01\rbwc\Clients\Doers PERMANENT\A - Florida Product Approvals\FL-15099 Windows - Fixed\C - Drawings\FL-15099 (2020)\FL-15099.11-12.dwg



CONCRETE ANCHOR NOTES:

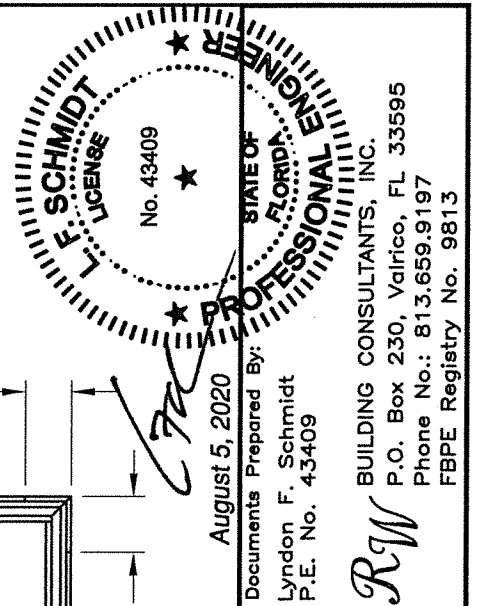
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74" X 78" MAX. OVERALL FIN DIMENSION



August 5, 2020

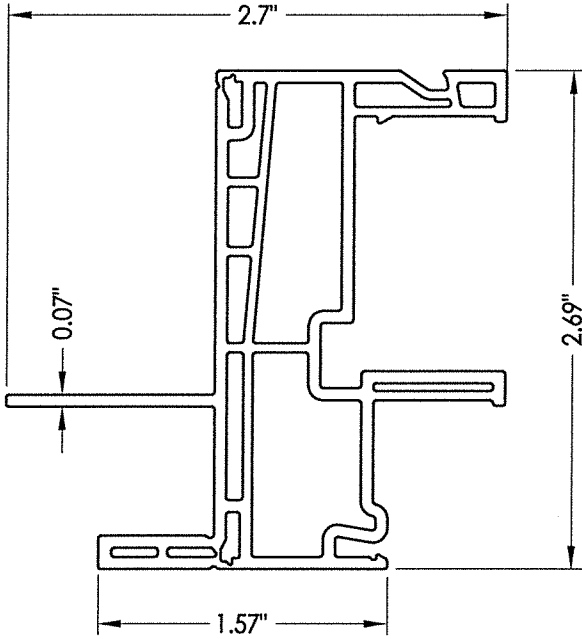
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

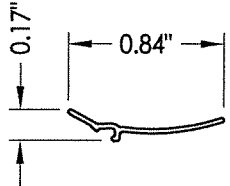
PRODUCT:		Doers	
		PART OR ASSEMBLY:	
		BUCK & FRAME ANCHORING	
REVISIONS		BY	
NO.		DATE	
4	8/04/20	UPDATE TO 7TH ED. (2020)	DAC
3	9/22/17	UPDATE TO 6TH ED. (2017)	JK
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DATE: 12/10/12		SCALE: N.T.S.	
DWG. BY: JK		CHK. BY: LFS	
DRAWING NO.: FL-15099.11		SHEET 5 OF 6	

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
B	2X BUCK (SG >= 0.55)	WOOD
C	1/8" 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	#8 X 1-1/4" PPH SMS (1-1/8" MIN. EMBEDMENT)	STEEL
G	2X STUD (SG >= 0.55)	WOOD
H	#8 X 1-3/4" PPH SMS (1-1/8" 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 *	RIGID PVC
2	EXTRUDED VINYL GLAZING BEAD *	RIGID PVC
3	GLASS SETTING BLOCK	-
4	GLAZING SPACER (Duraseal)	-
5	GLAZING SEALANT (Sikaflex-552)	SILICONE

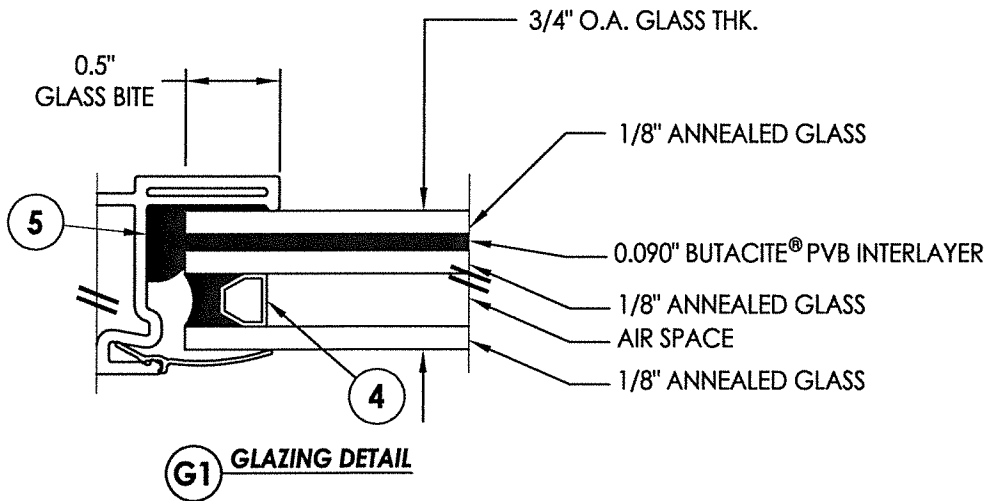
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



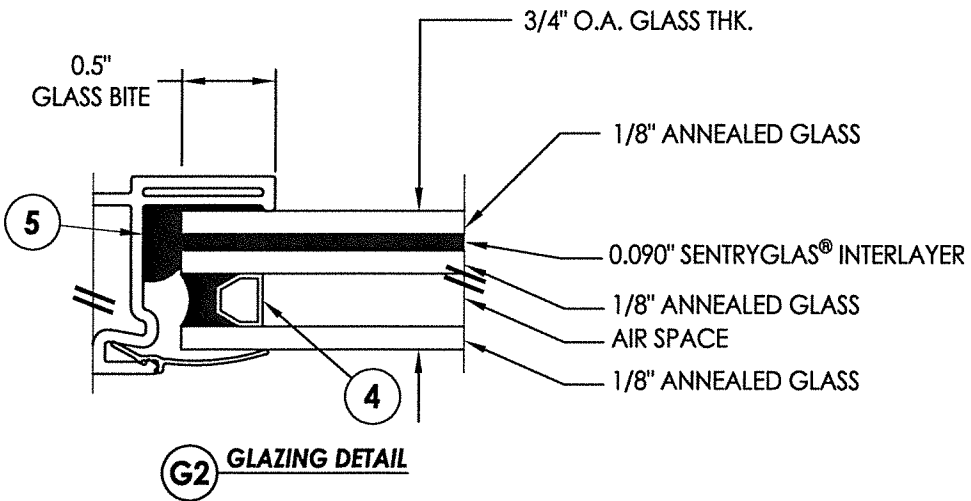
1 FRAME



2 GLAZING BEAD



G1 GLAZING DETAIL



G2 GLAZING DETAIL

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

