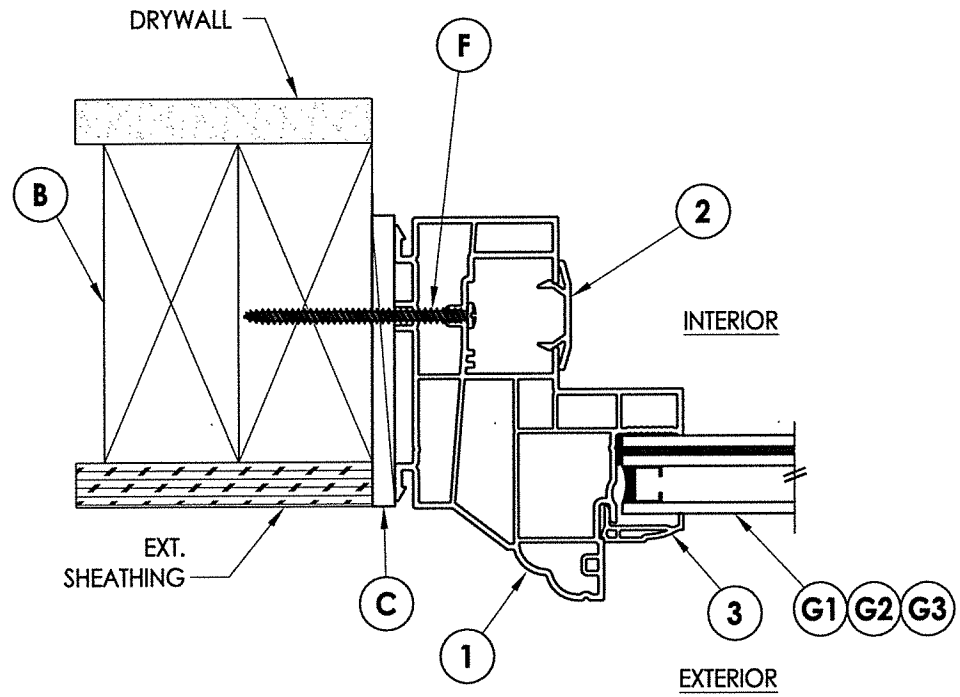
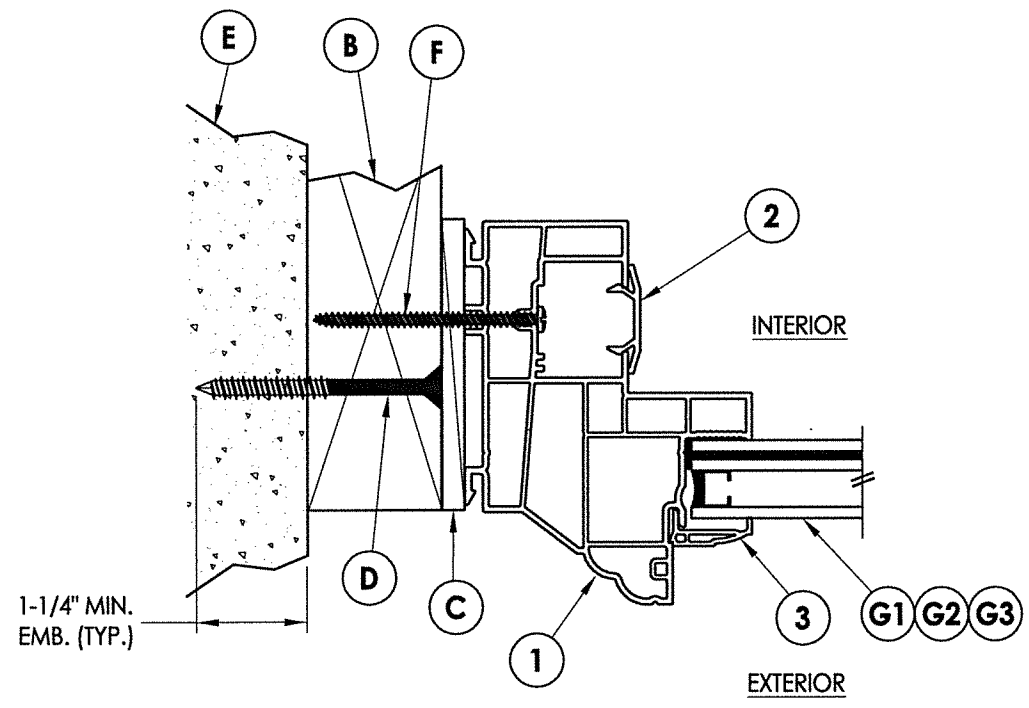


Documents Prepared By: Lyndon F. Schmidt, P.E.
TEXAS P.E. #104123

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852



1 HORIZONTAL CROSS SECTION
2 Shown w/ Stud Framing



2 HORIZONTAL CROSS SECTION
2 Shown w/ 2X Buck Masonry Construction

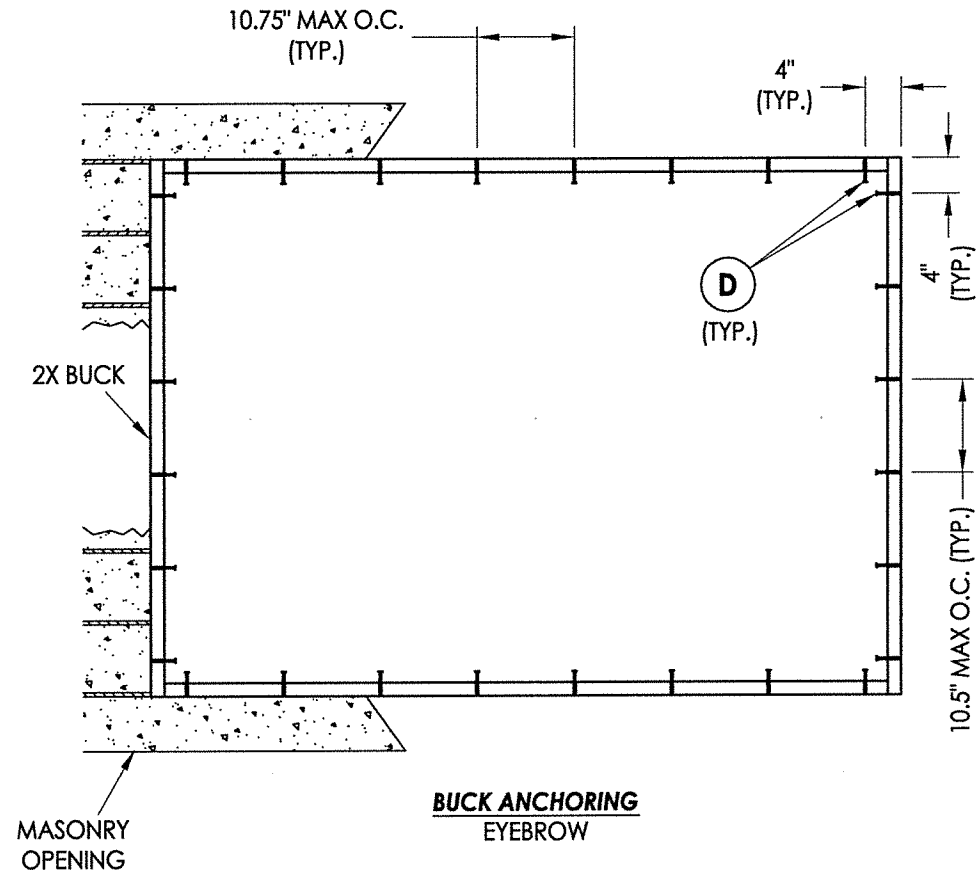
PRODUCT: SOFT-LITE WINDOWS

PART OR ASSEMBLY: HORIZONTAL AND VERTICAL CROSS SECTIONS

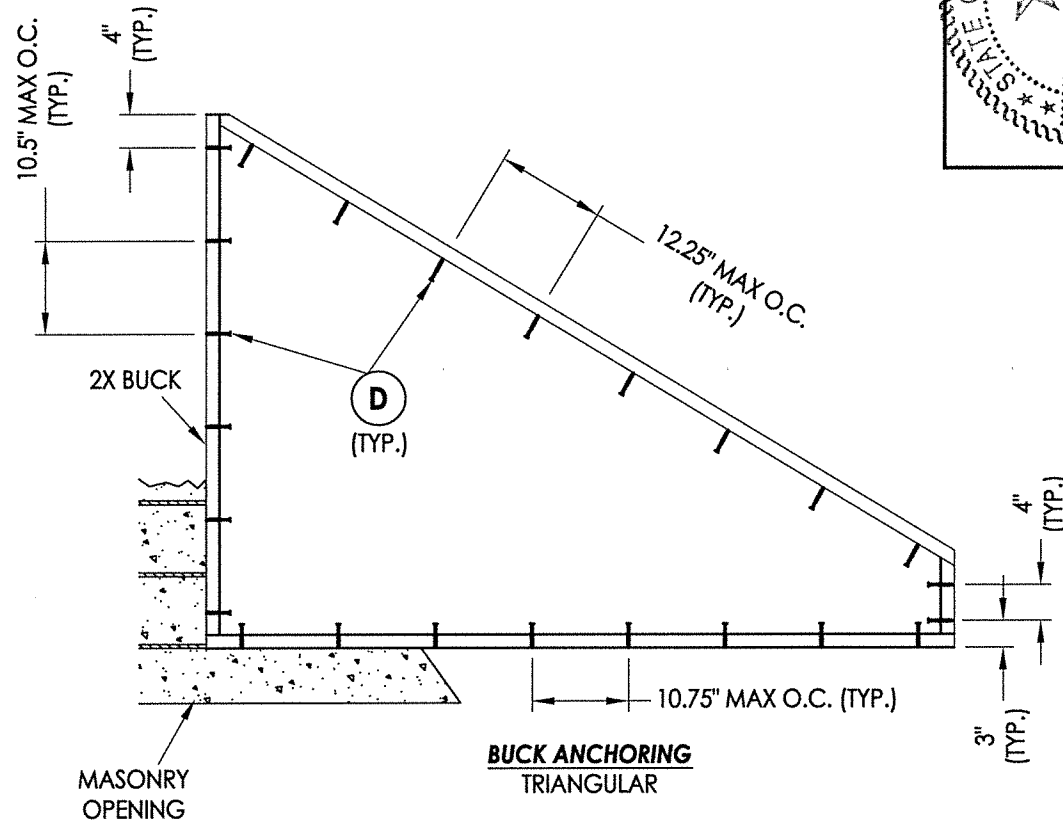
NO.	DATE	BY

DATE: 6/25/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4851
SHEET 2 OF 5

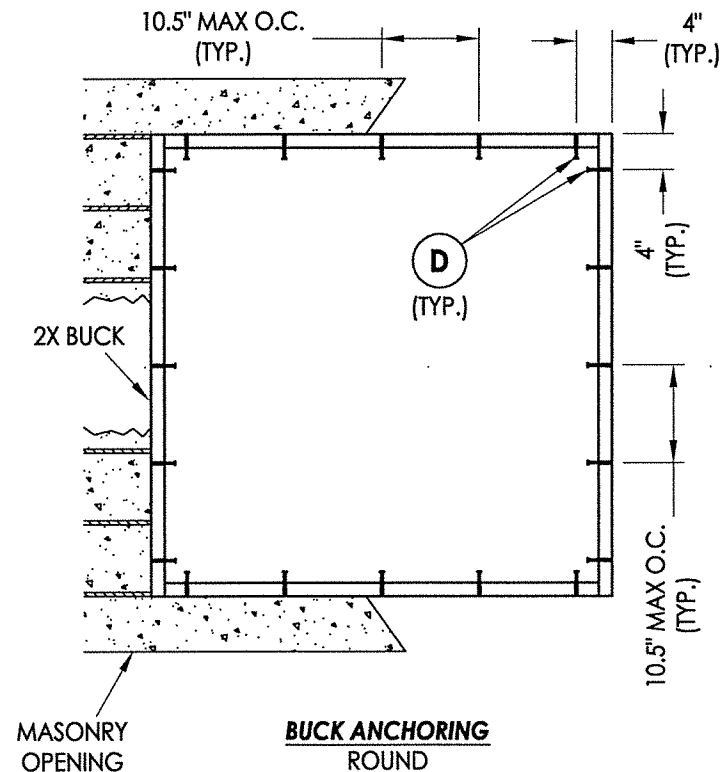
R:\Clients\Soft-Lite Permanent\B - Texas Dept of Ins\WIN-XXXX Barcelona PW301 Picture Window Impact Drawings\TX-4851.dwg, 3.1



BUCK ANCHORING EYEBROW



BUCK ANCHORING TRIANGULAR



BUCK ANCHORING ROUND

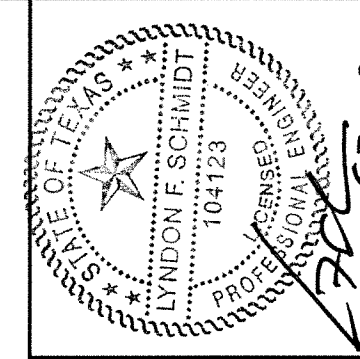
CONCRETE ANCHOR NOTES:

- 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"

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.



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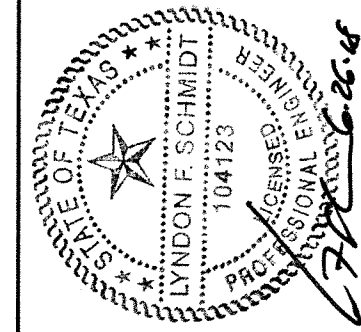
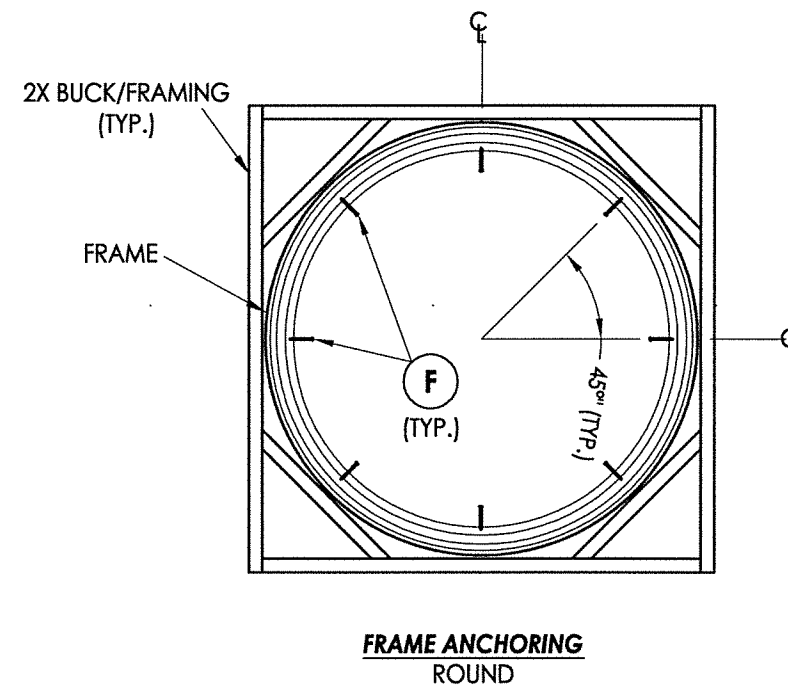
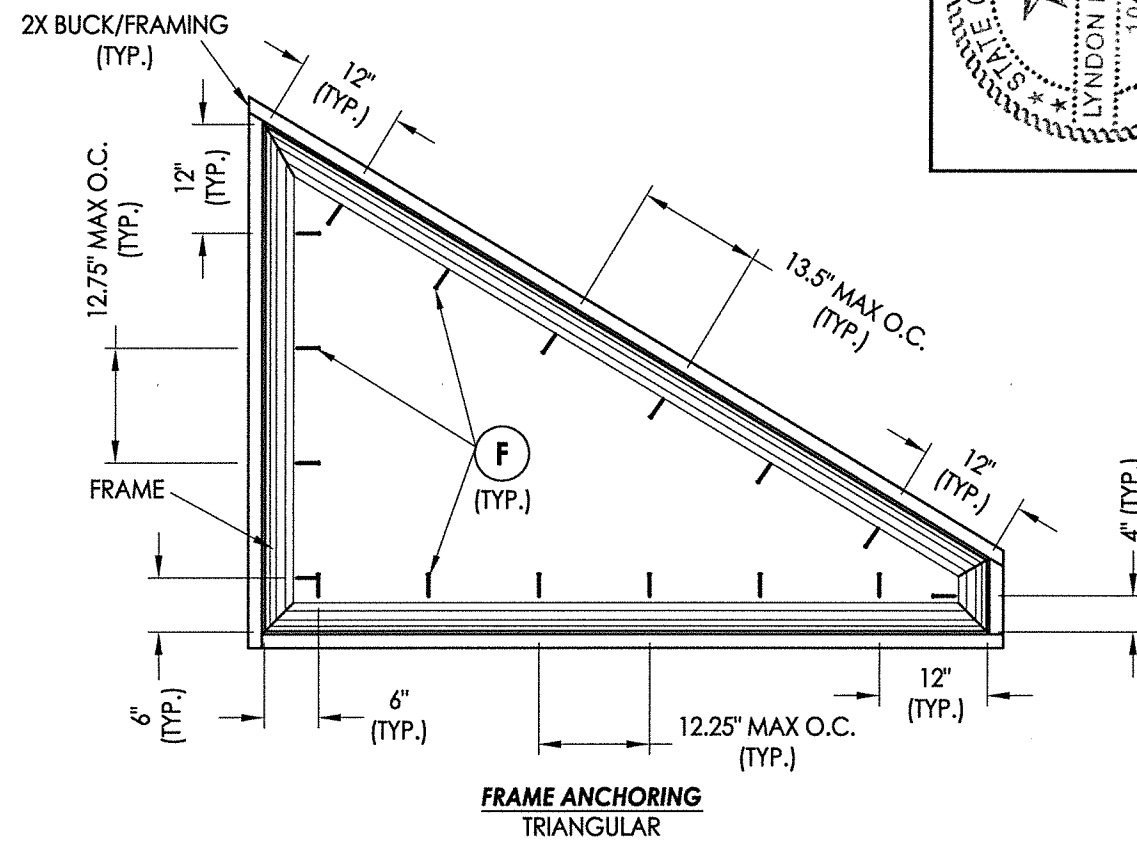
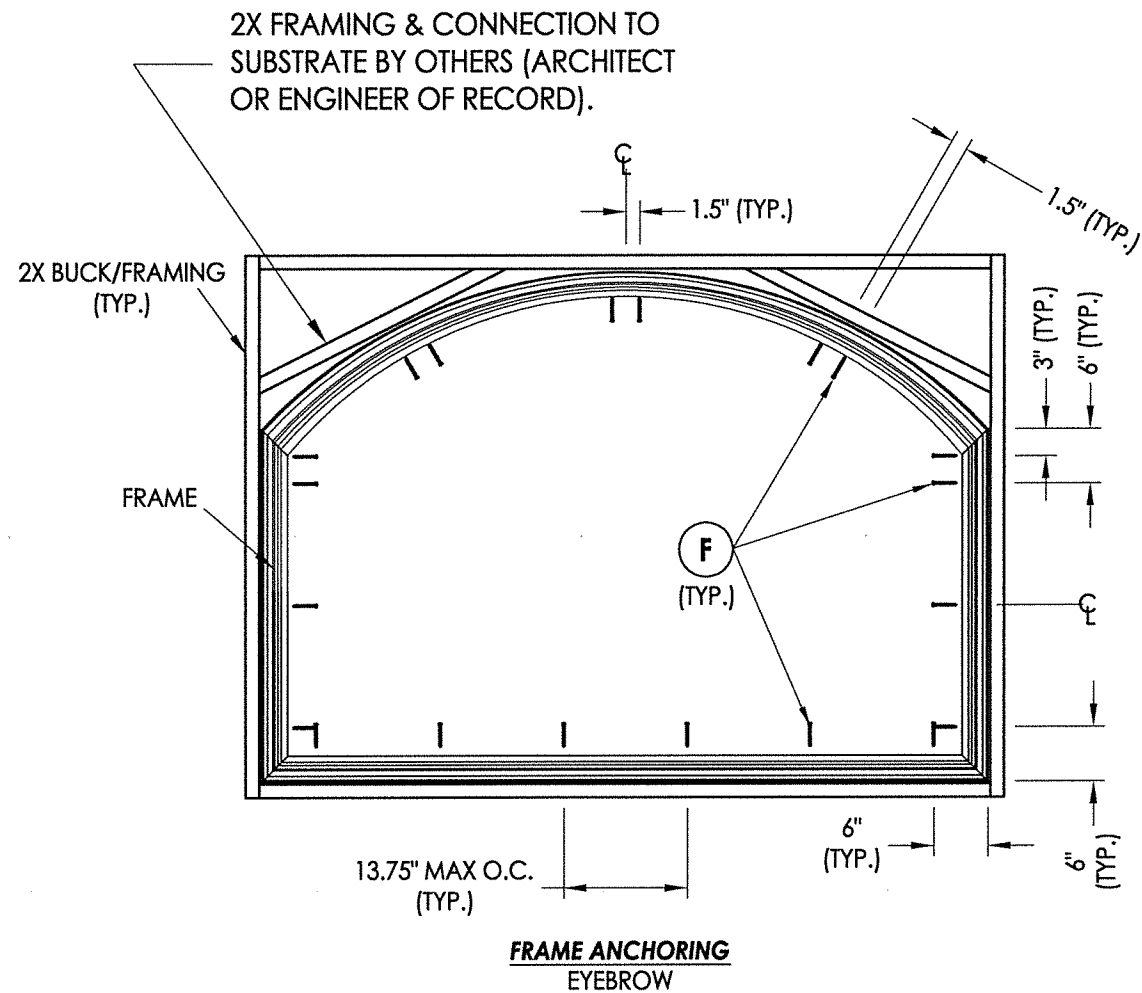
TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT: SOFT-LITE WINDOWS

PART OR ASSEMBLY: BUCK ANCHORING

NO.	DATE	BY

DATE: 6/25/18
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: TX-4851
SHEET 3 OF 5



Documents Prepared By: Lyndon F. Schmidt, P.E.
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P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197

TEXAS BOARD OF PROFESSIONAL ENGINEERS
CERTIFICATE OF REGISTRATION # F-11852

PRODUCT:	SOFT-LITE WINDOWS
PART OR ASSEMBLY:	FRAME ANCHORING

NO.	DATE	BY	REVISIONS

DATE:	6/25/18
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	TX-4851
SHEET	4 OF 5

CONCRETE ANCHOR NOTES:

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- 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"

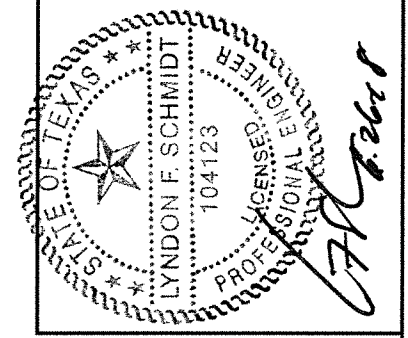
WOOD SCREW INSTALLATION NOTES:

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

BILL OF MATERIALS

ITEM #		MATERIAL
B	2X FRAMING (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#8-15 X 2-1/2" TRUSS HEAD SMS (1-3/8" MIN. EMBEDMENT)	STEEL
1	FRAME*	PVC
2	CHANNEL COVER*	PVC
3	GLAZING BEAD*	PVC

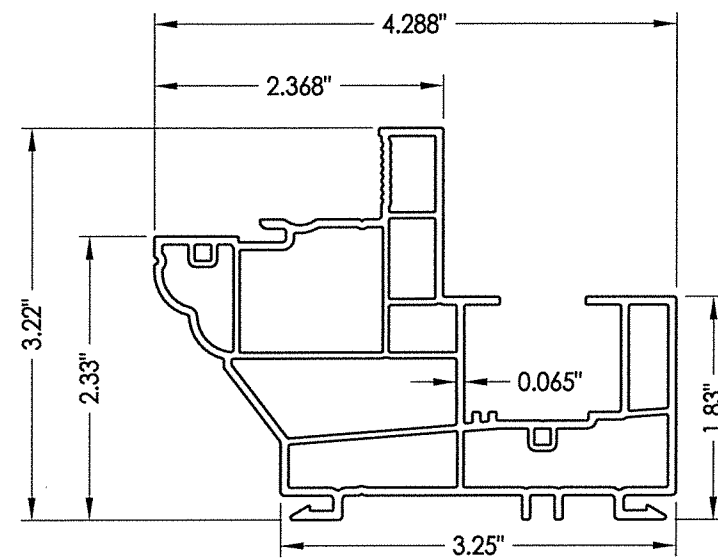
* THE APPROVED WHITE RIGID PVC EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATIONS PROGRAMS FOR RIGID PVC EXTRUSIONS".



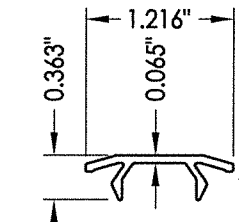
Documents Prepared By: Lyndon F. Schmidt, P.E.
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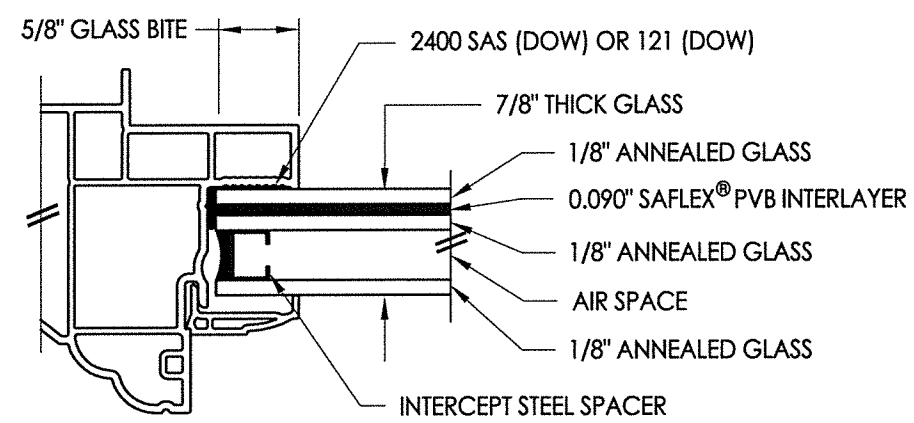
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CERTIFICATE OF REGISTRATION # F-11852



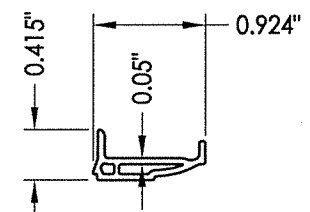
1 FRAME



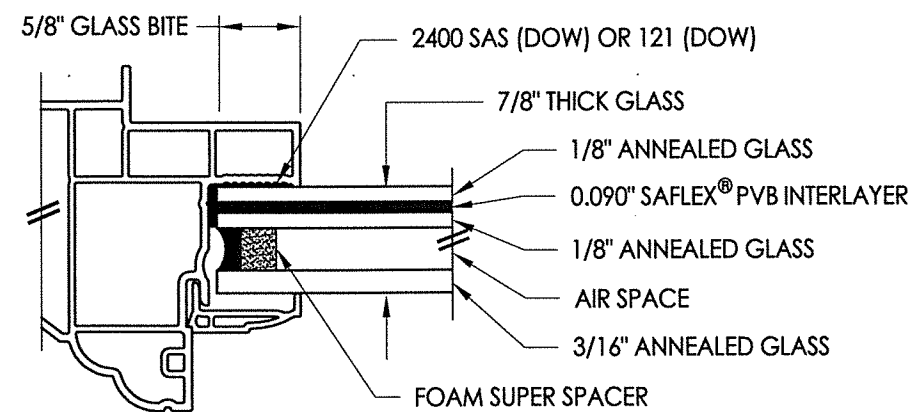
2 CHANNEL COVER



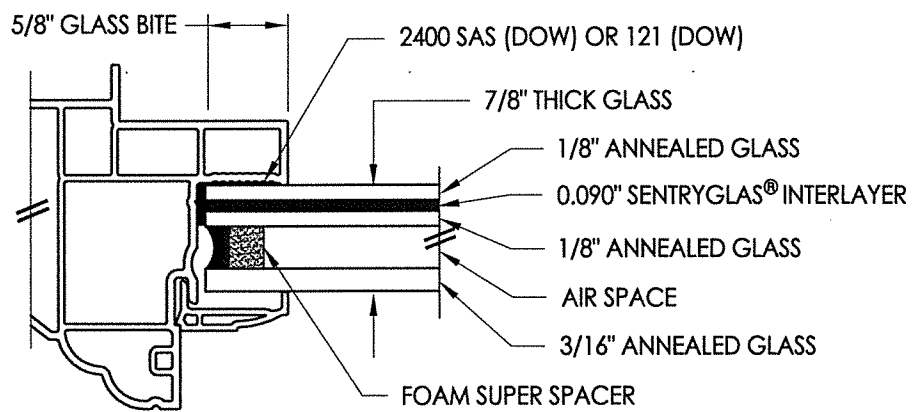
G1 GLAZING DETAIL



3 GLAZING BEAD



G2 GLAZING DETAIL



G3 GLAZING DETAIL

PRODUCT:	SOFT-LITE WINDOWS	
PART OR ASSEMBLY:	BILL OF MATERIALS, COMPONENTS AND GLAZING DETAIL	
NO.	DATE	BY
		REVISIONS
DATE:	6/13/18	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	TX-4851	
SHEET	5 OF 5	