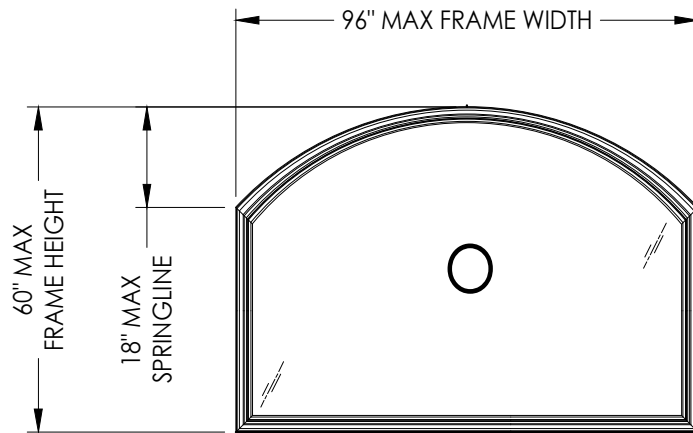
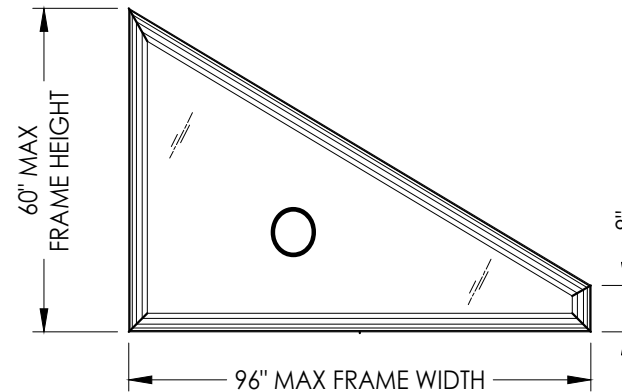


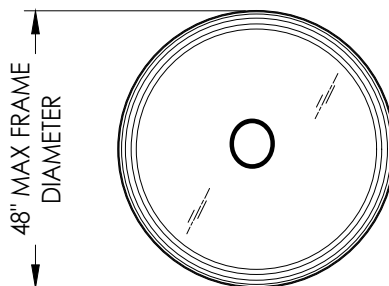
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Model "PW30I"
PICTURE WINDOW
"IMPACT"



EYEBROW



TRIANGULAR

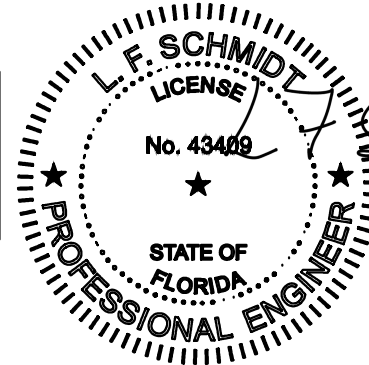


ROUND

Digitally signed by Lyndon F Schmidt
Date: 2023.07.03 14:21:11 -04'00'

This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



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:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

GENERAL NOTES

- This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in areas 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 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 elevations, design pressures and general notes
2	Horizontal cross sections
3	Buck anchoring
4	Frame anchoring
5	Bill of materials, components and glazing detail

GEOMETRIC SHAPE	MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
ROUND	48.0" Ø	41.5" Ø	G1	+60.0	-65.0
TRIANGULAR	73.0" X 48.0"	67.5" x 41.5"	G2	+55.0	-60.0
TRIANGULAR	80.0" X 56.0"	73.5" x 49.5"	G3	+60.0	-65.0
TRIANGULAR	78.0" X 72.0"	71.5" x 65.5"	G4	+50.0	-50.0
TRIANGULAR	96.0" X 60.0"	89.5" x 53.5"	G4	+60.0	-65.0
EYEBROW	73.0" X 48.0"	67.5" x 41.5"	G2	+50.0	-55.0
EYEBROW	80.0" X 56.0"	73.5" x 49.5"	G3	+60.0	-65.0
EYEBROW	78.0" X 72.0"	71.5" x 65.5"	G4	+50.0	-50.0
EYEBROW	96.0" X 60.0"	89.5" x 53.5"	G4	+60.0	-65.0

DATE: 10/08/17

SCALE: N.T.S.

DWG. BY: JK

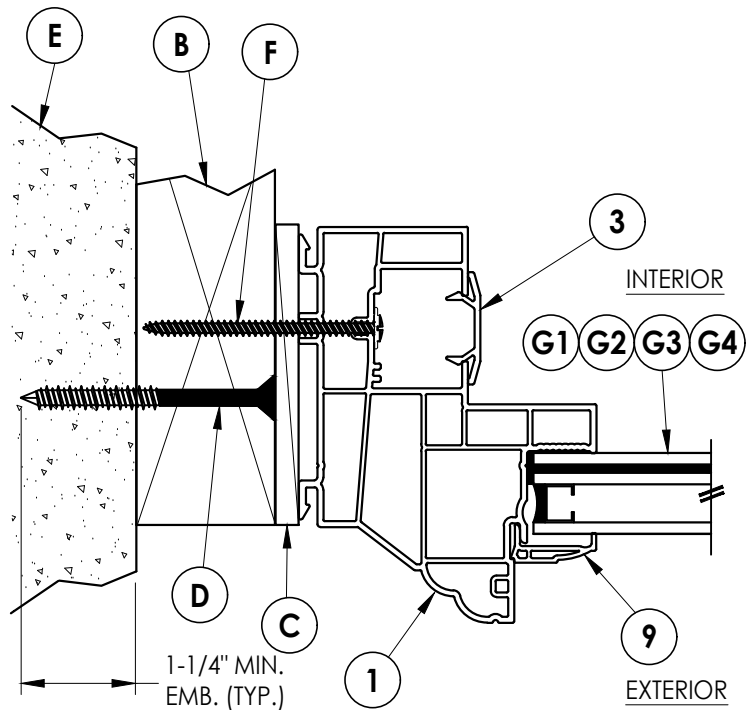
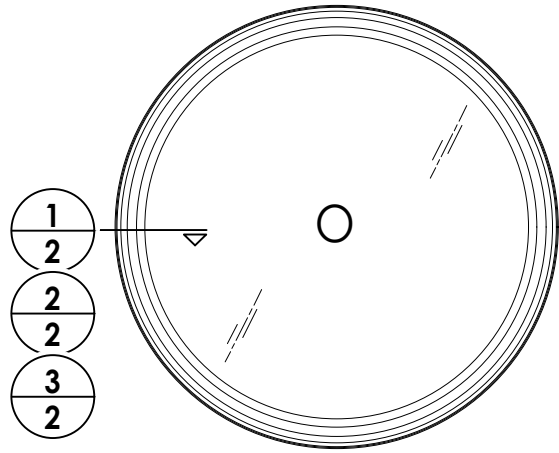
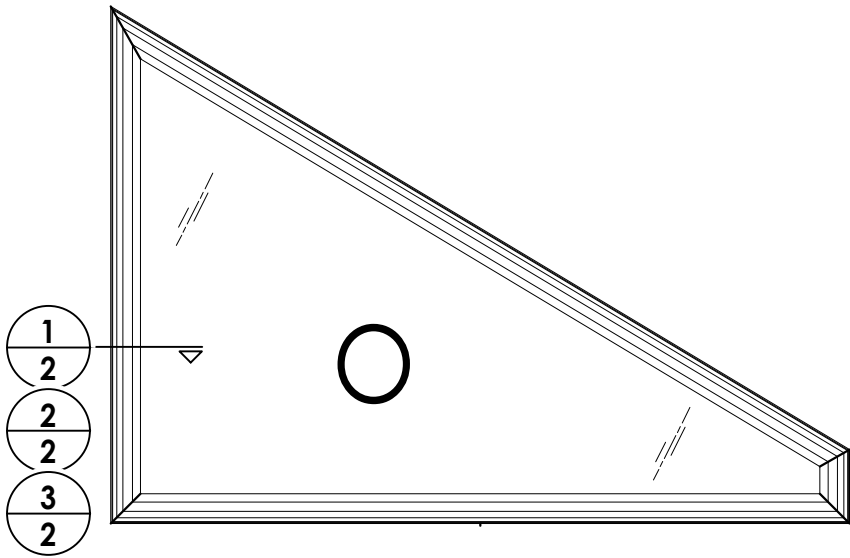
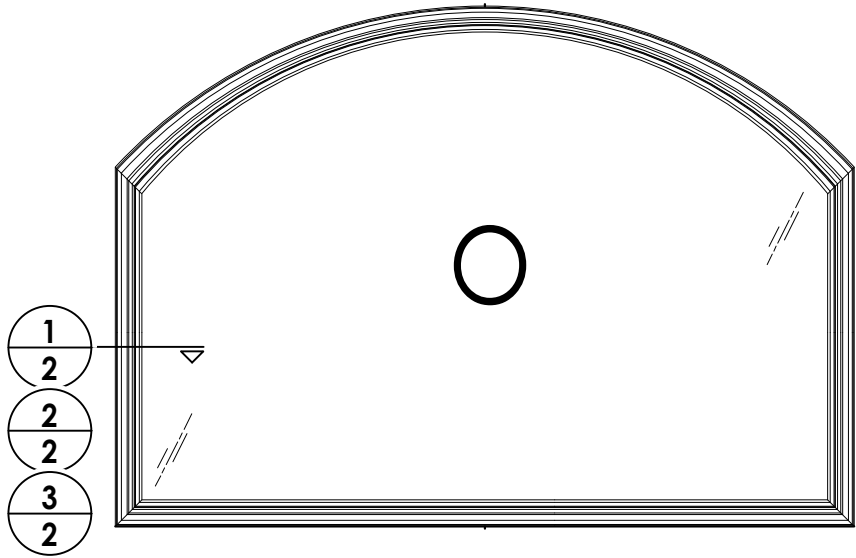
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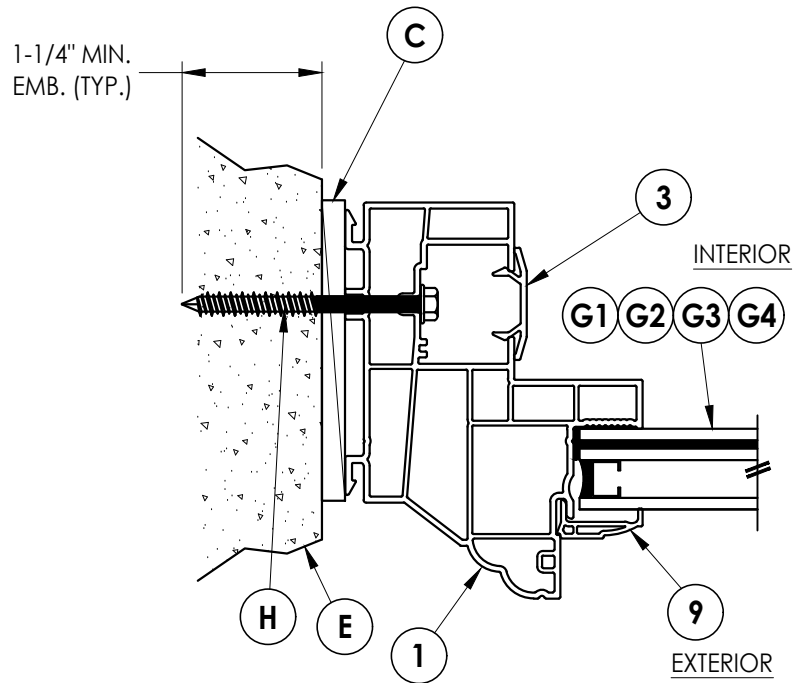
FL-15768.10

SHEET 1 OF 5

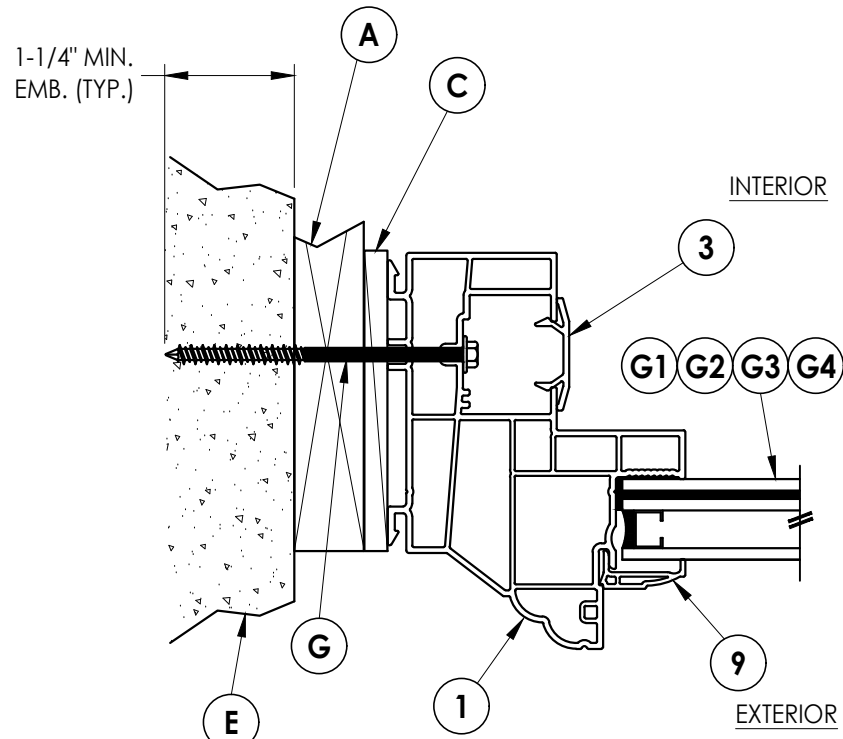
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1 **HORIZONTAL CROSS SECTION**
2 2X Buck Construction



2 **HORIZONTAL CROSS SECTION**
2 Shown Direct to Masonry



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

Documents Prepared By:
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P.E. No. 43409

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

PRODUCT:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

4	7/03/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	1/31/22	ADD FRAMES/REV. GLAZING DETAILS		LFS	
2	7/13/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
1	6/11/18	REVISE GLAZING DETAILS		LFS	
NO.	DATE			BY	

REVISIONS

DATE: 10/08/17

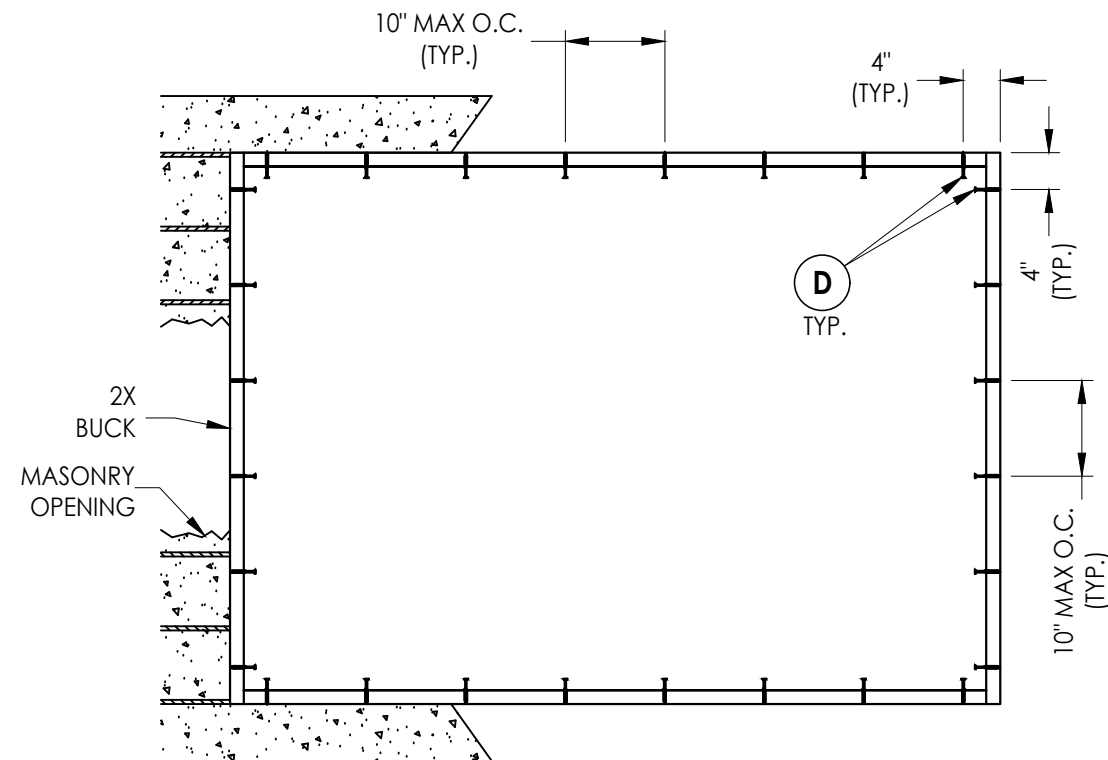
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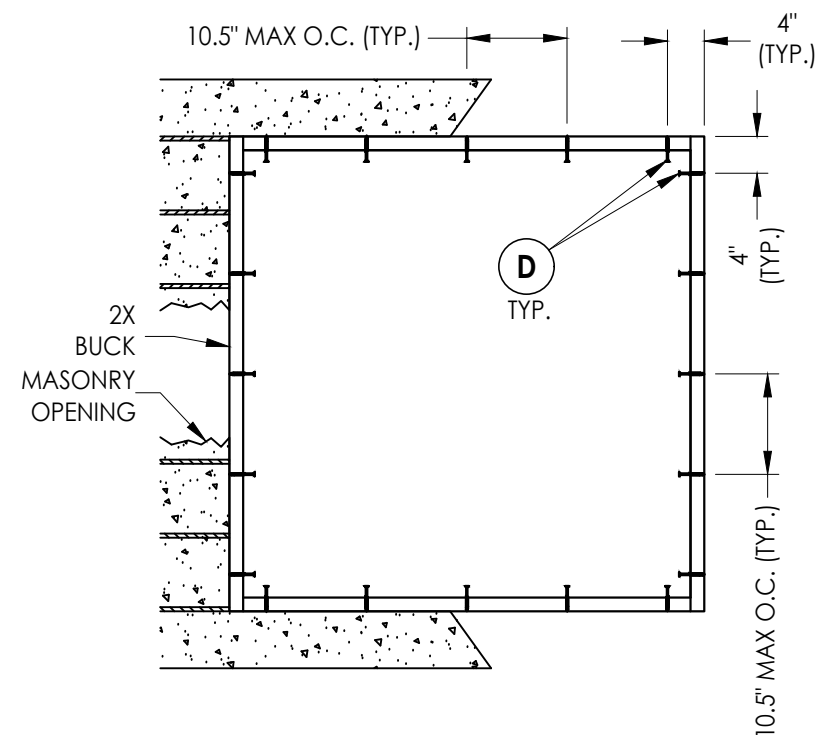
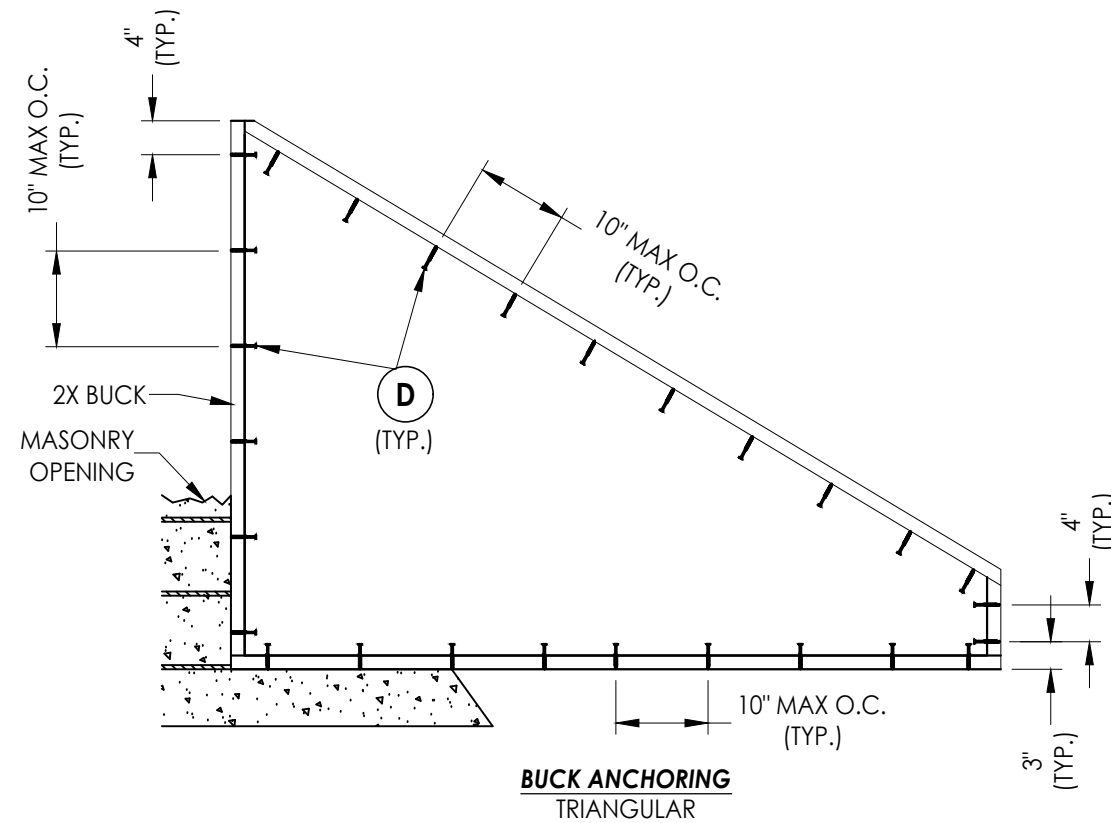
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DRAWING NO.: FL-15768.10

SHEET 2 OF 5



BUCK ANCHORING EYEBROW



BUCK ANCHORING

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:

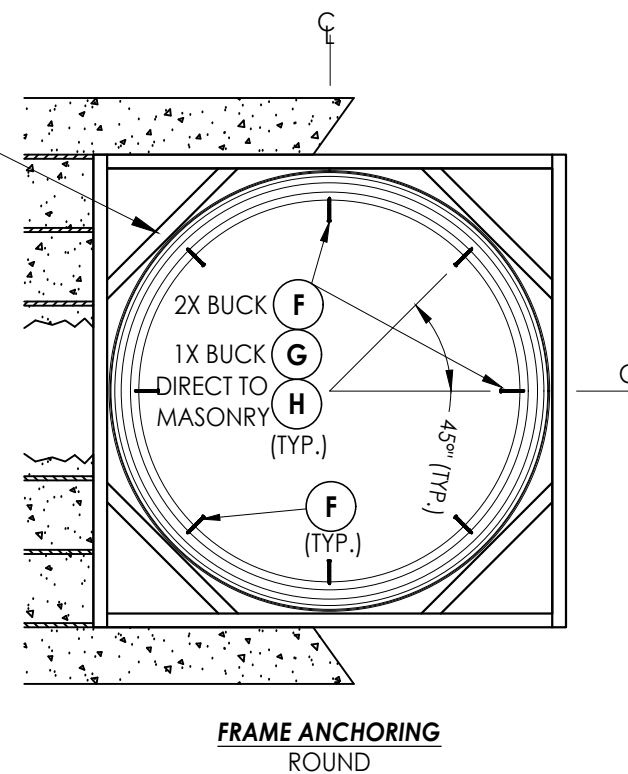
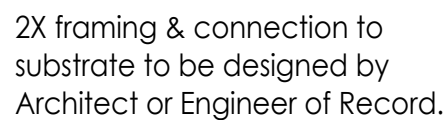
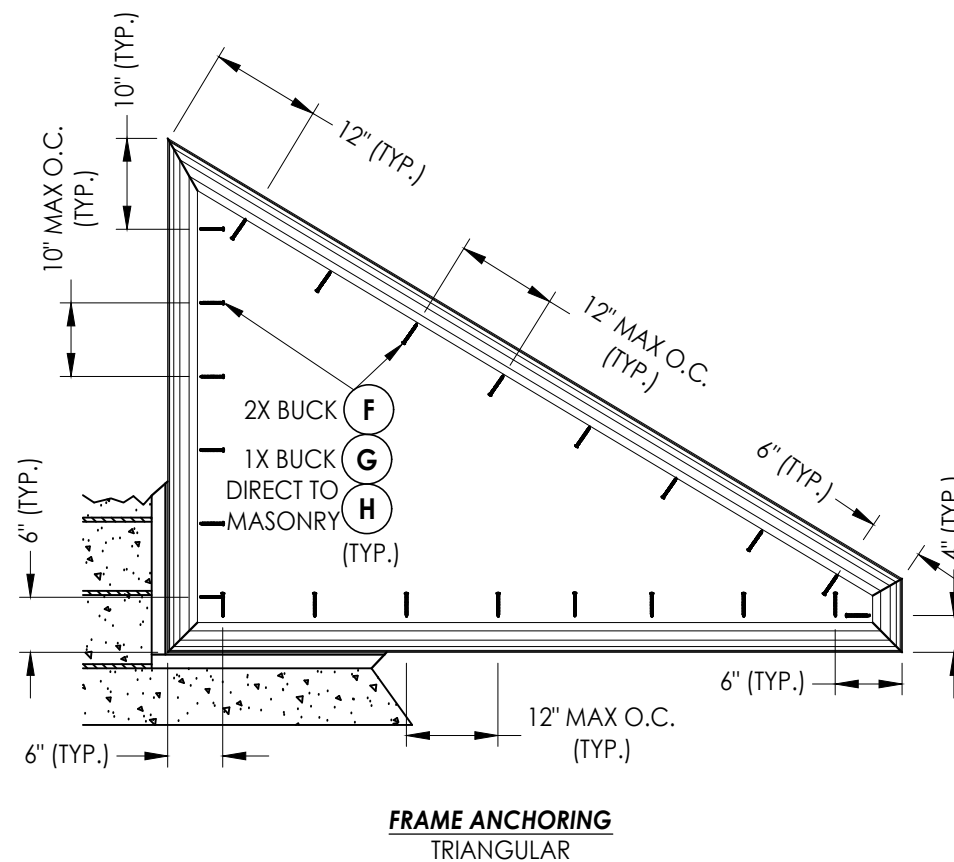
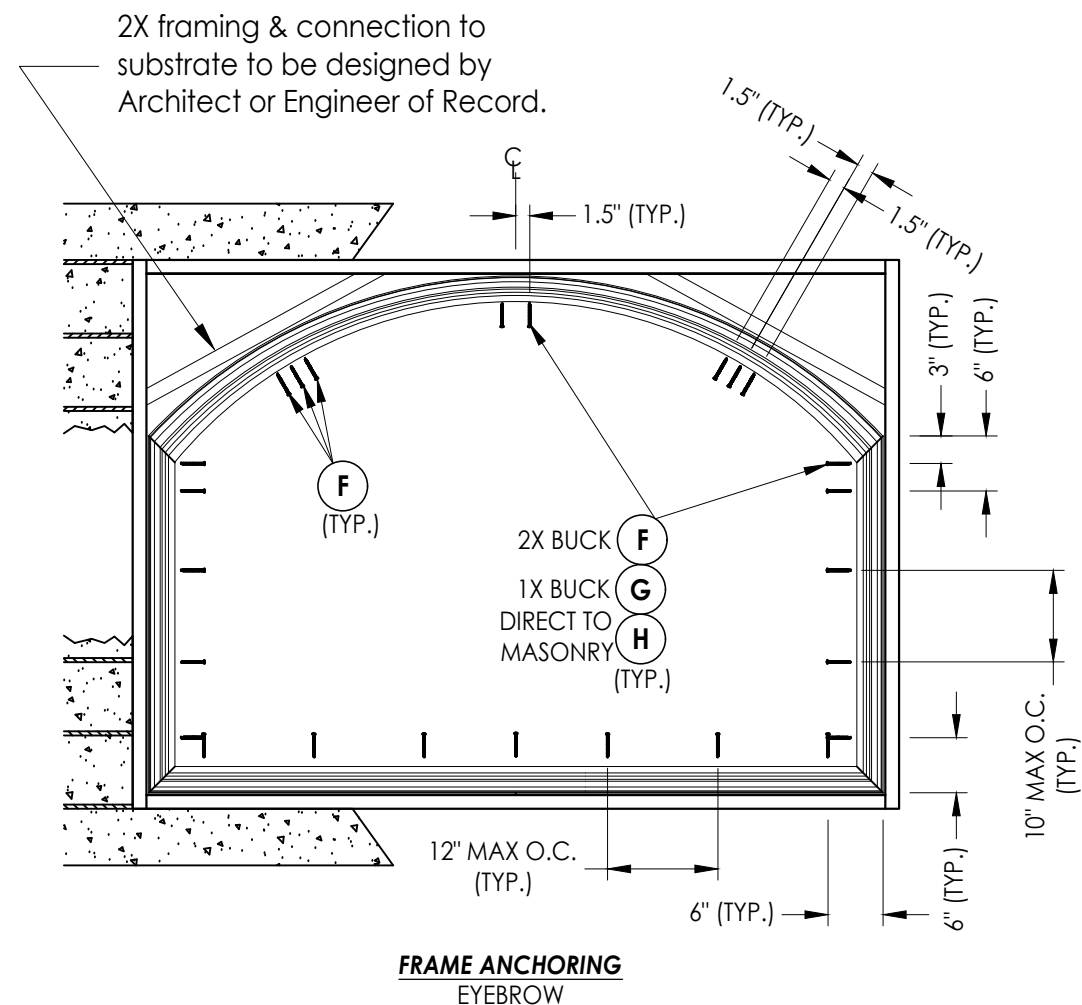
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

[illegible]

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DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	3"

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.

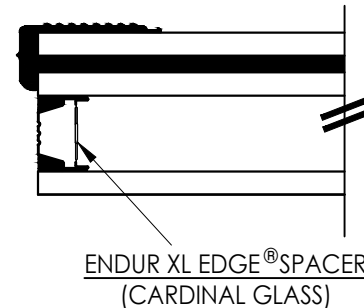
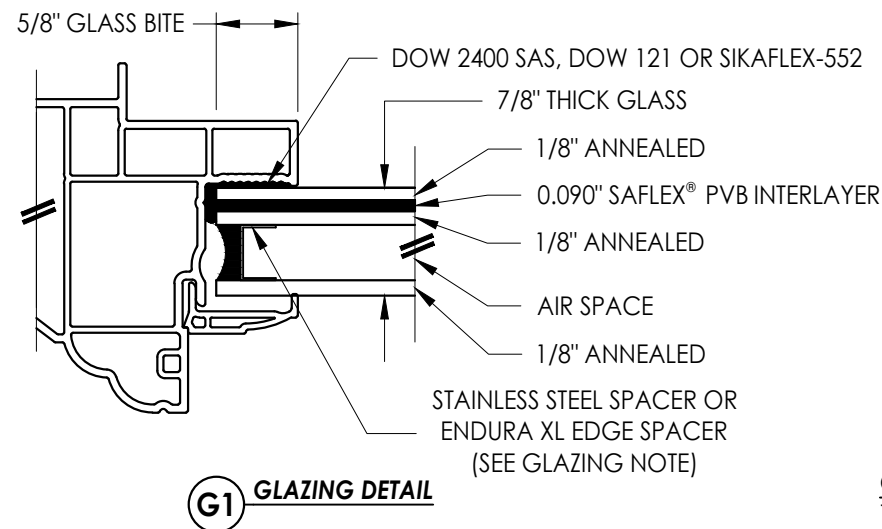
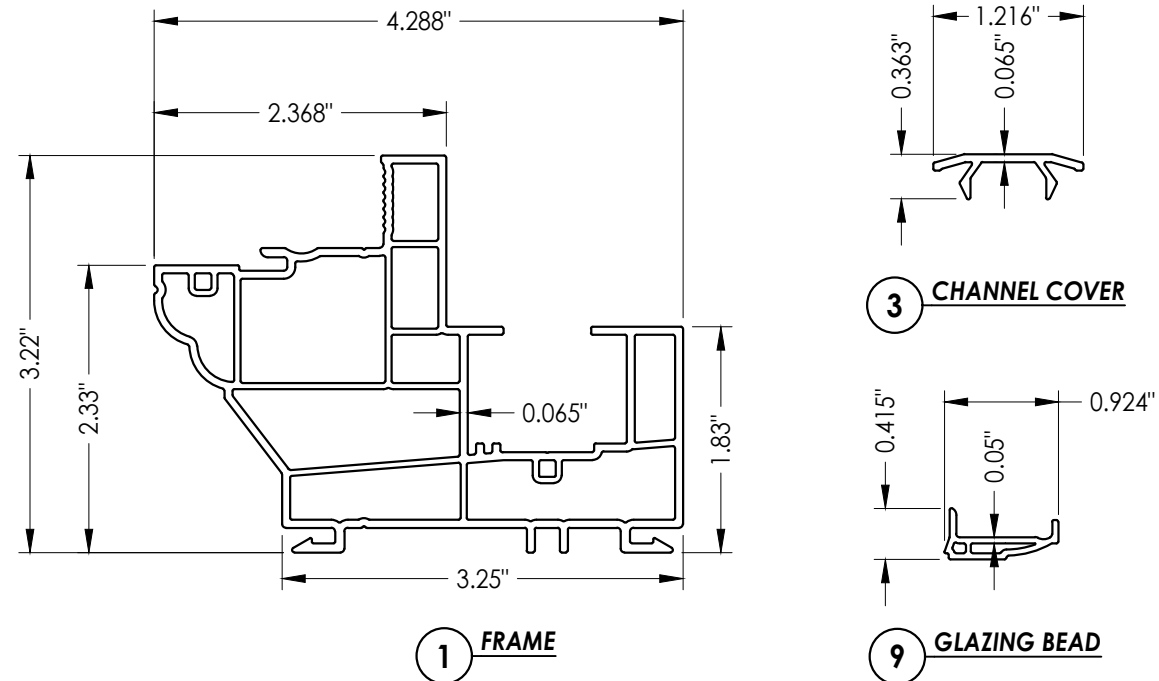
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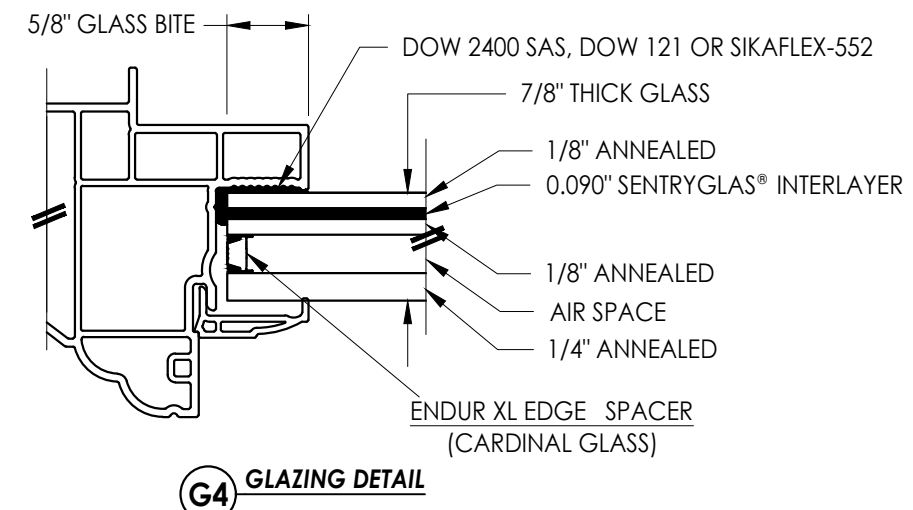
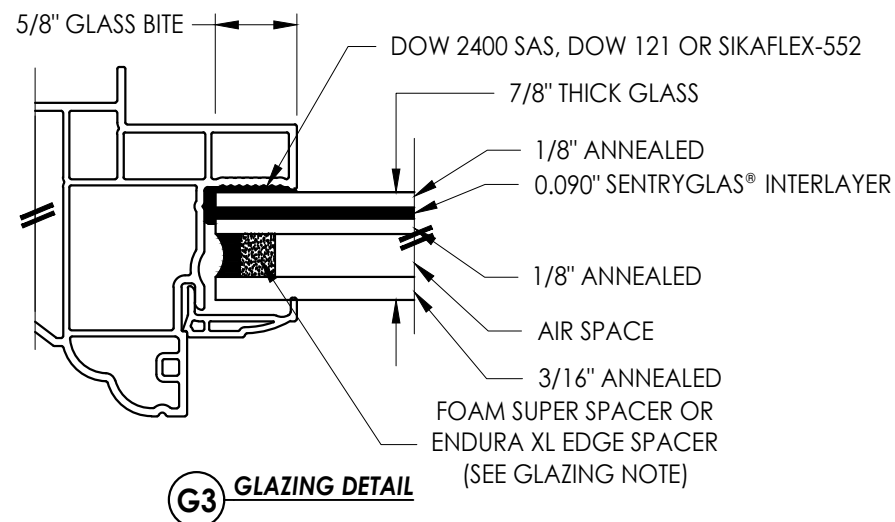
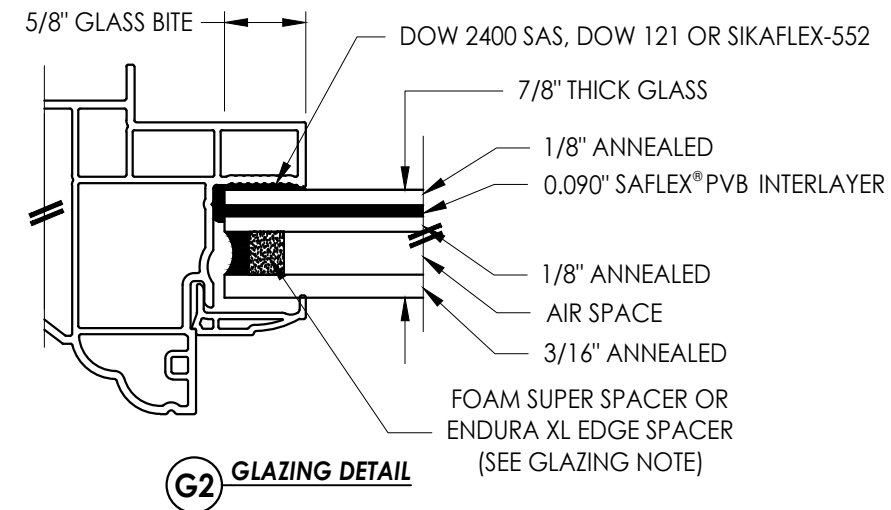
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BILL OF MATERIALS		
ITEM #		MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING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

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



GLAZING NOTE:
THE ENDUR STAINLESS STEEL XL EDGE® SPACER MAY BE USED
AS A SUBSTITUTE SPACER IN GLAZING DETAILS G1, G2 & G3.

[illegible]