



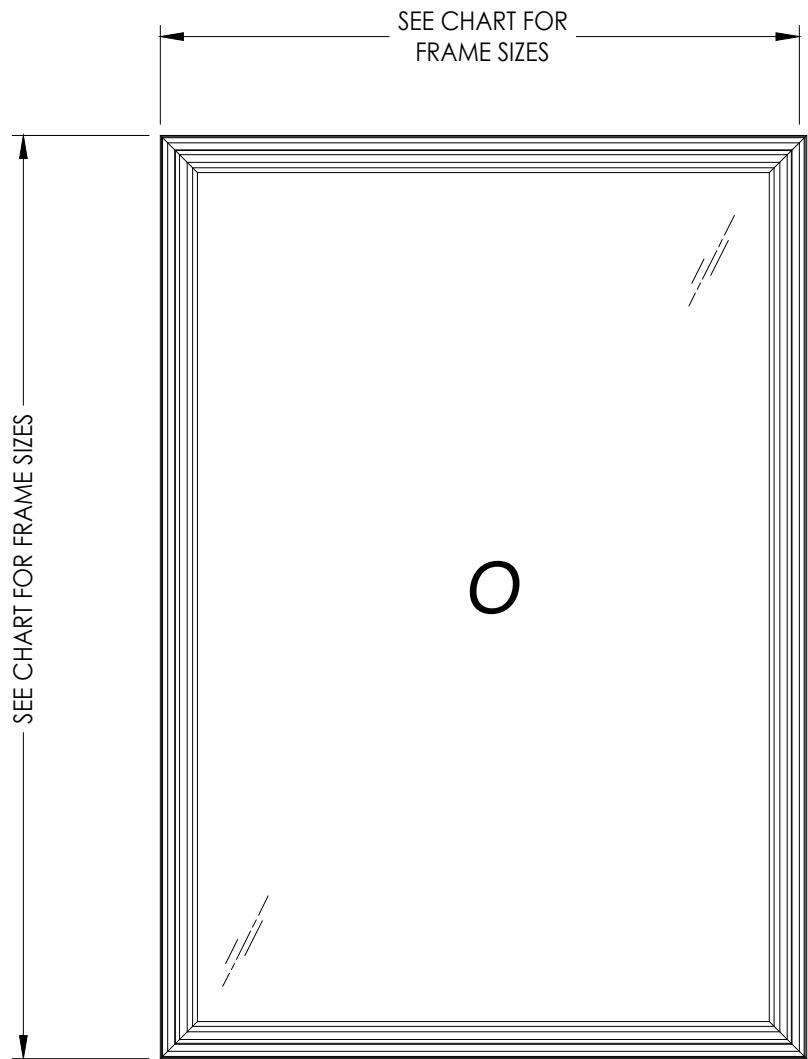
10250 Philipp Parkway
Streetsboro, Ohio 44241

"BARCELONA" Model "PW30I" PICTURE WINDOW "IMPACT"

GENERAL NOTES

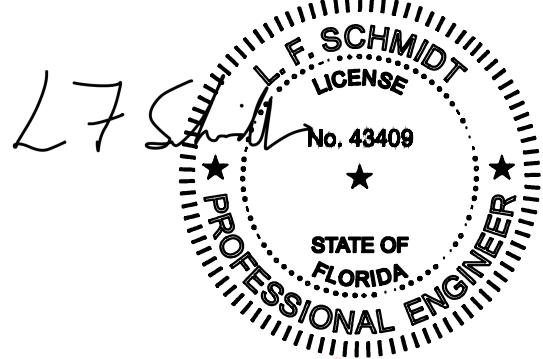
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
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 and general notes
2	Horizontal cross sections
3	Buck and frame anchoring
4	Glazing details
5	Bill of materials & components



NOTE: VERTICAL OR HORIZONTAL ORIENTATION IS ALLOWED

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
48.0" X 63.0"	41.56" x 56.56"	G1	+60.0	-65.0
48.0" X 73.0"	41.56" x 66.56"	G2	+55.0	-60.0
56.0" X 80.0"	49.56" x 73.56"	G3	+60.0	-65.0
78.0" X 72.0"	71.56" x 65.56"	G4	+50.0	-50.0
90.0" X 52.0"	83.56" x 45.56"	G4	+60.0	-65.0
96.0" X 60.0"	89.56" x 53.56"	G4	+57.5	-57.5



Digitally signed by Lyndon F Schmidt
Date: 2023.07.03 14:18:48 -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

PRODUCT:
SOFT-LITE WINDOWS

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

6	7/03/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	1/31/22	REVISE GLAZING DETAILS		LFS
4	6/08/21	ADD NEW FRAME SIZES		LFS
3	7/13/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	11/12/18	ADD ALTERNATE ENDUR SPACER		LFS
1	6/11/18	REVISE GLAZING DETAILS		JK
NO.	DATE			BY

REVISIONS

DATE: 4/26/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

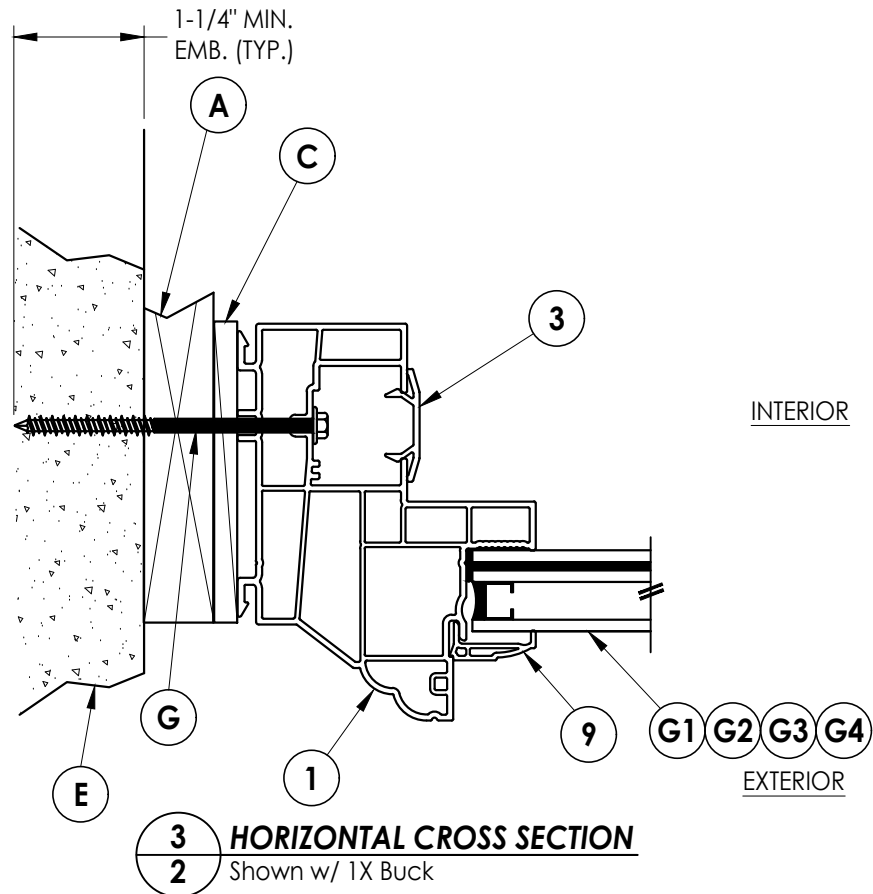
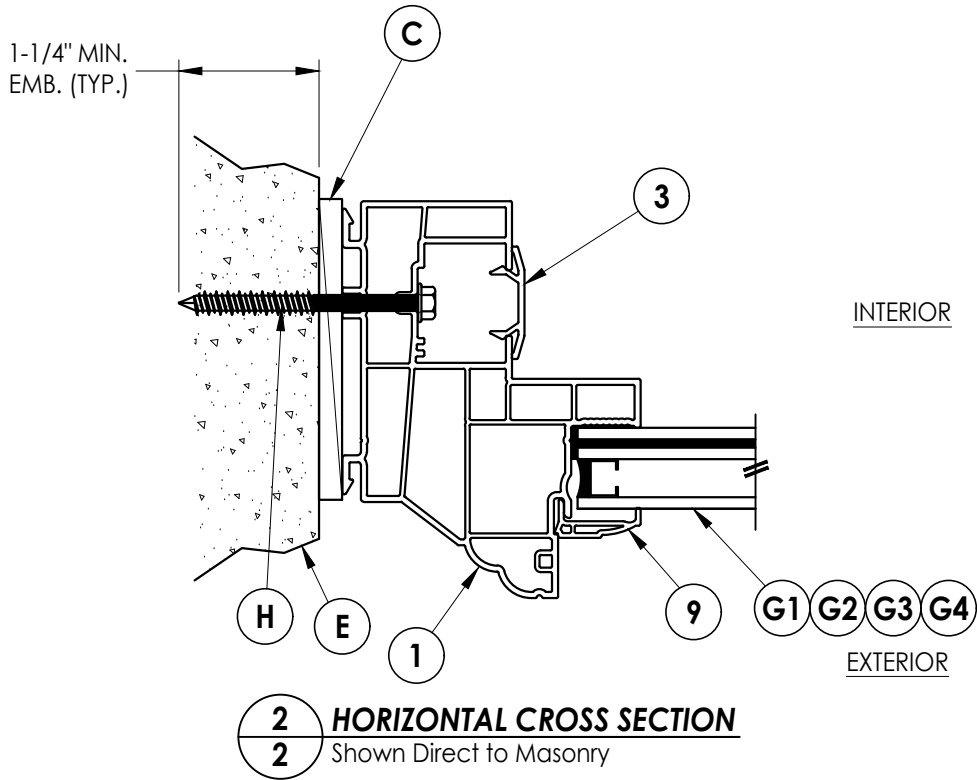
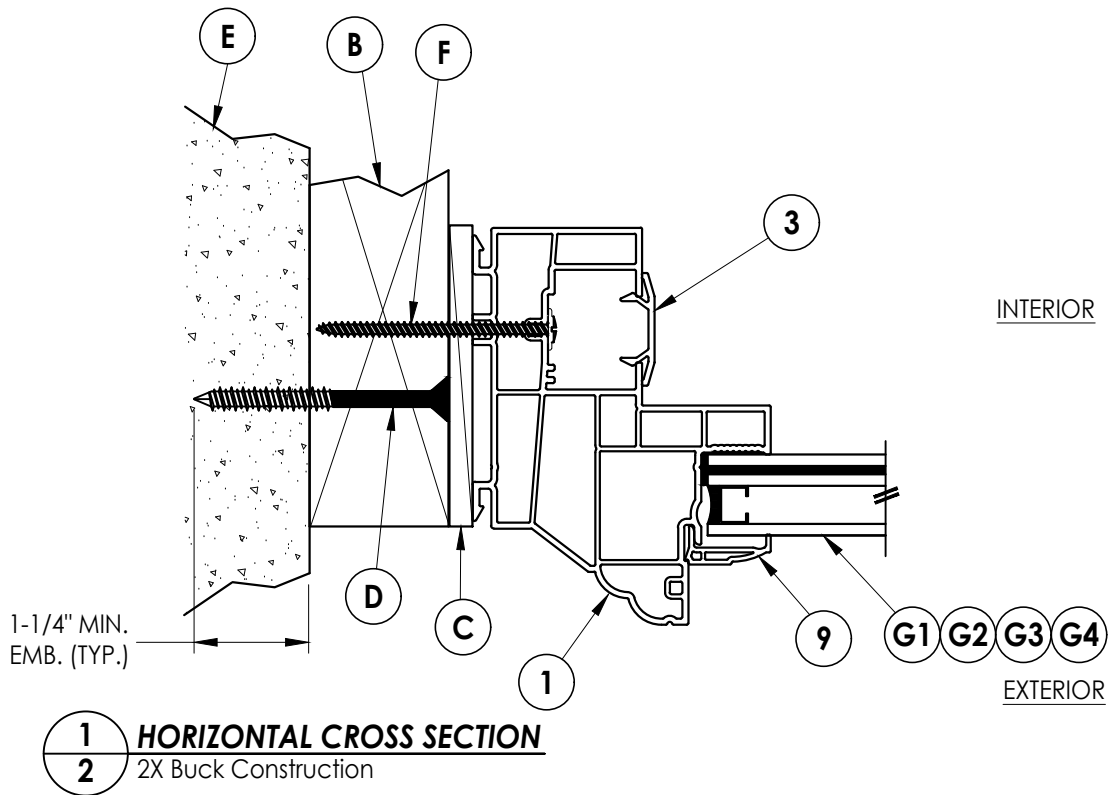
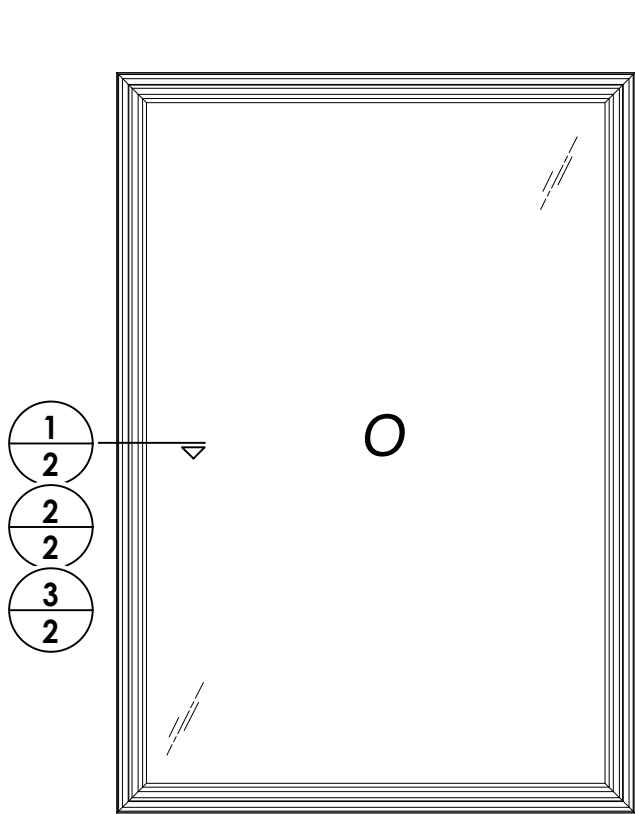
DRAWING NO.: FL-15768.9

SHEET 1 OF 5

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

© 2017 R.W. BUILDING CONSULTANTS INC.

G:\2023 FBC Drawings\Soft-Lite\FL-15768 R12\FL-15768.8-9.dwg



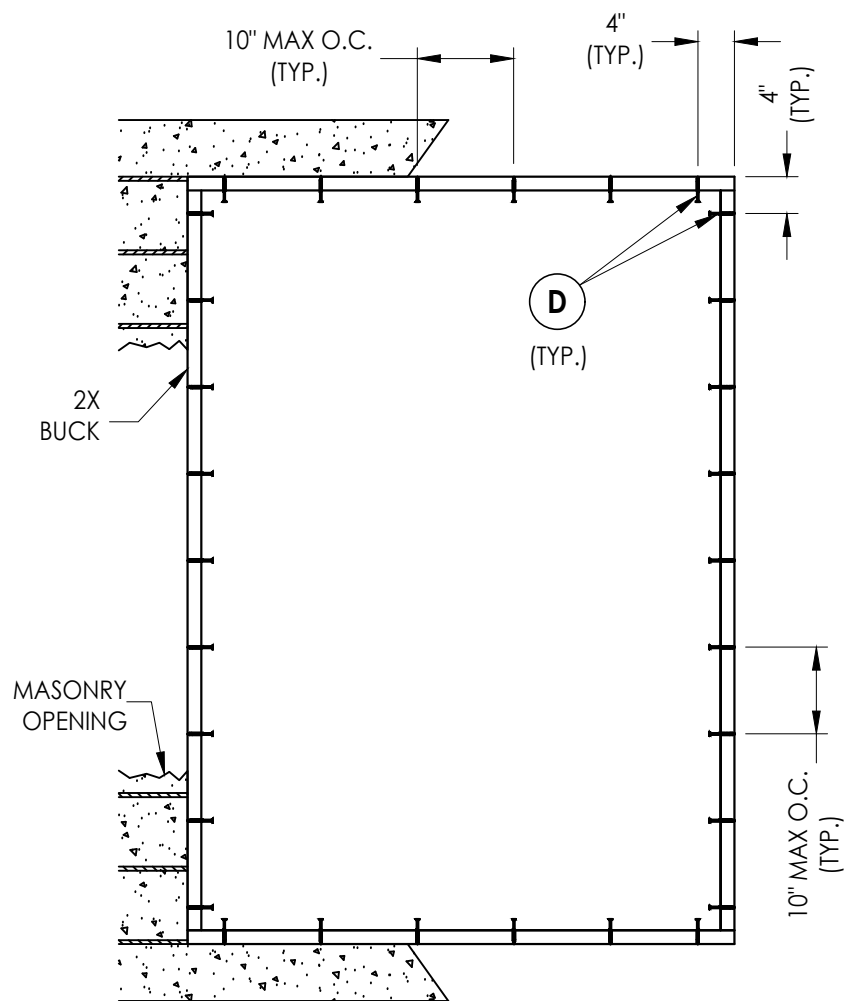
DATE:		4/26/17
SCALE:		N.T.S.
DWG. BY:		JK
CHK. BY:		LFS
DRAWING NO.:		FL-15768.9
SHEET		2 OF 5

PRODUCT:		SOFT-LITE WINDOWS
PART OR ASSEMBLY:		HORIZONTAL CROSS SECTIONS

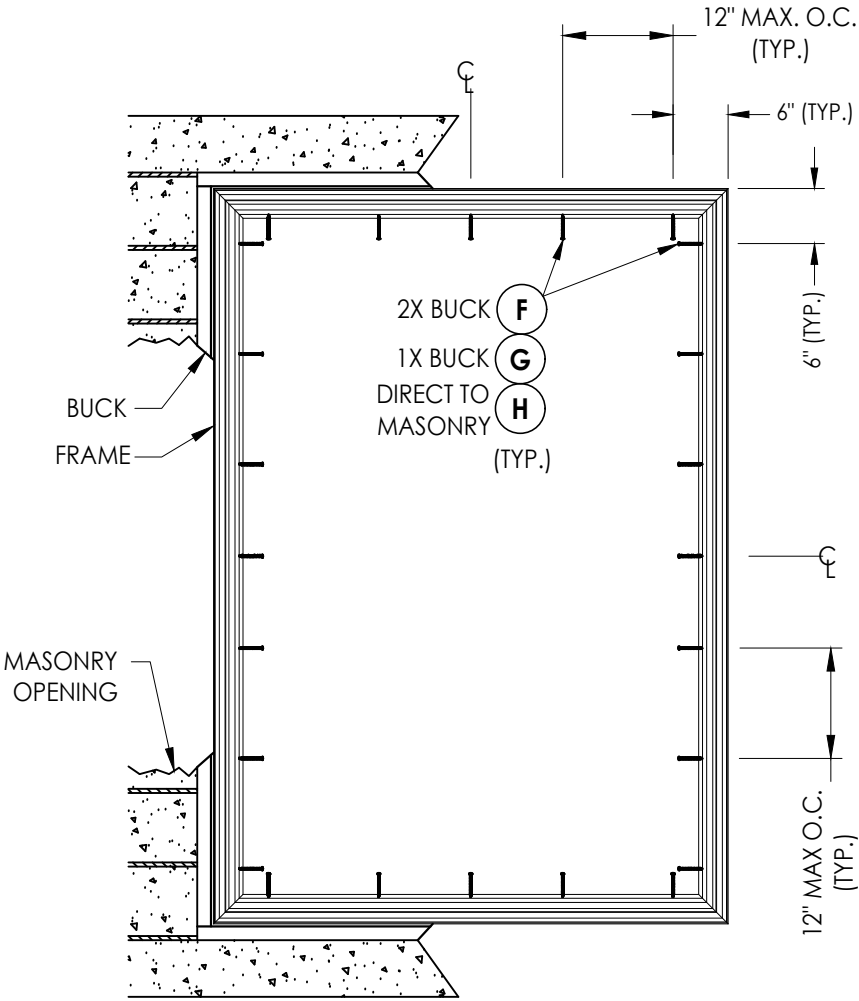
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

RW

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



BUCK ANCHORING



FRAME ANCHORING

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 ULTRA-CON®	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.

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

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

PRODUCT:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

6	7/03/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	1/31/22	REVISE GLAZING DETAILS		LFS
4	6/08/21	ADD NEW FRAME SIZES		LFS
3	7/13/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
2	11/12/18	ADD ALTERNATE ENDUR SPACER		LFS
1	6/11/18	REVISE GLAZING DETAILS		JK
NO.	DATE			BY

REVISIONS

DATE: 4/26/17

SCALE: N.T.S.

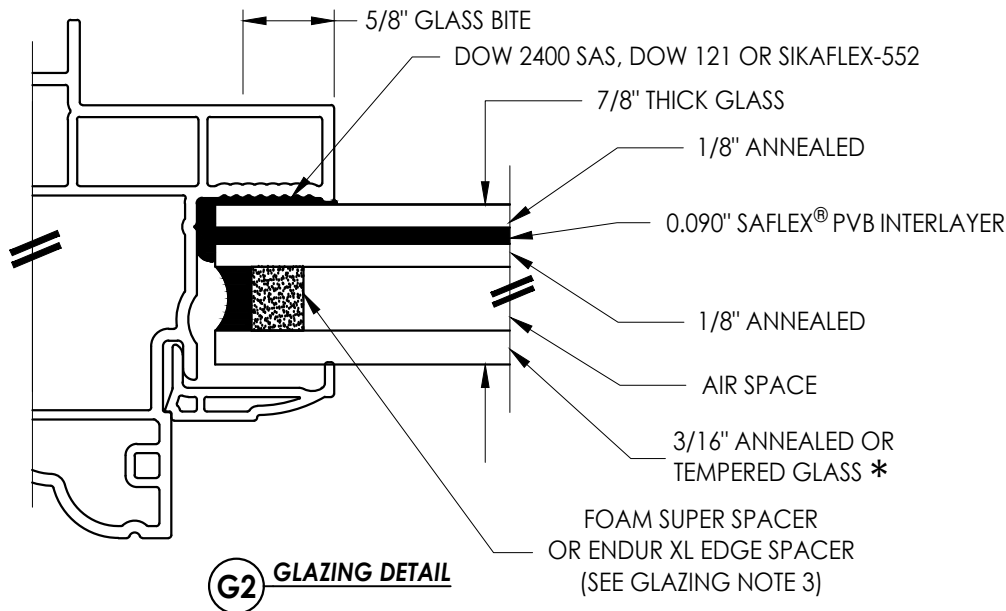
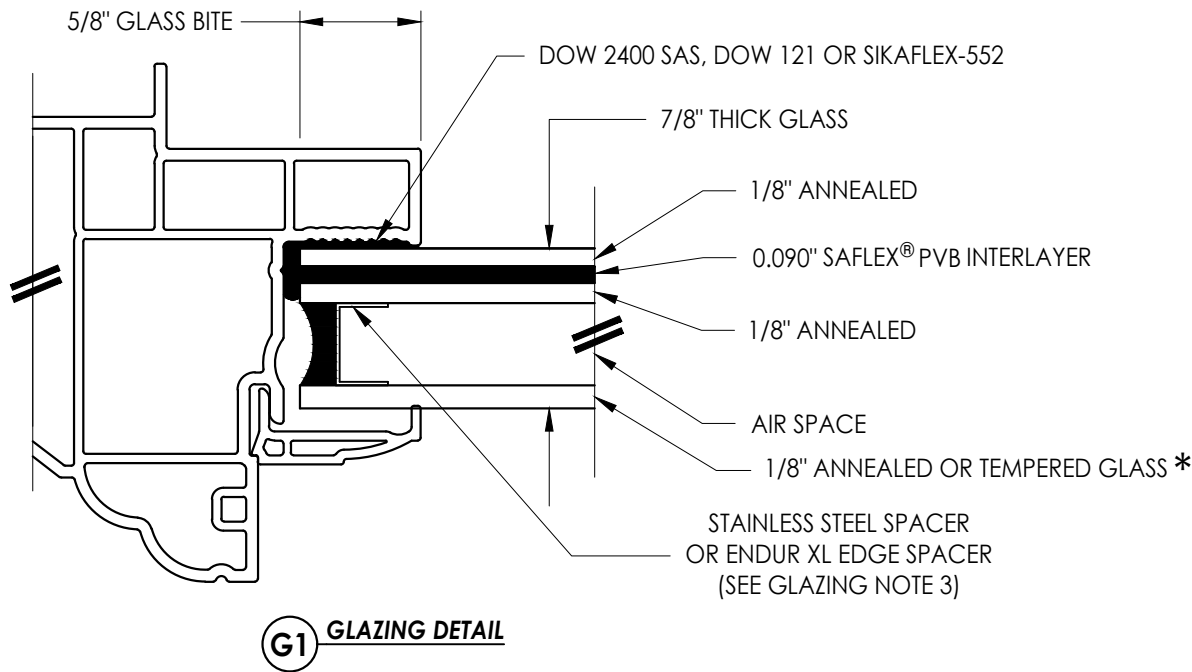
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15768.9

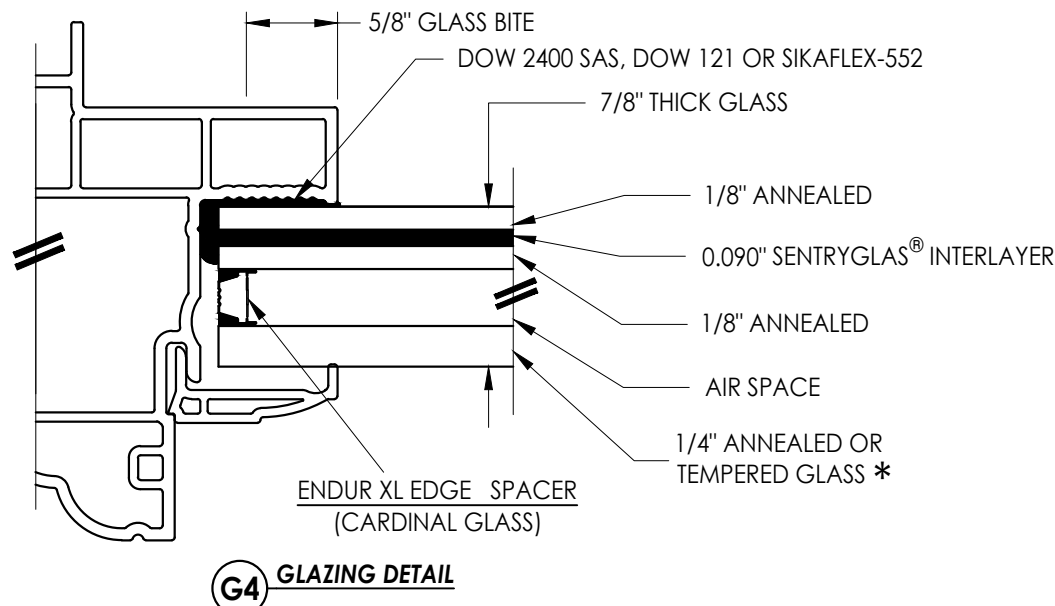
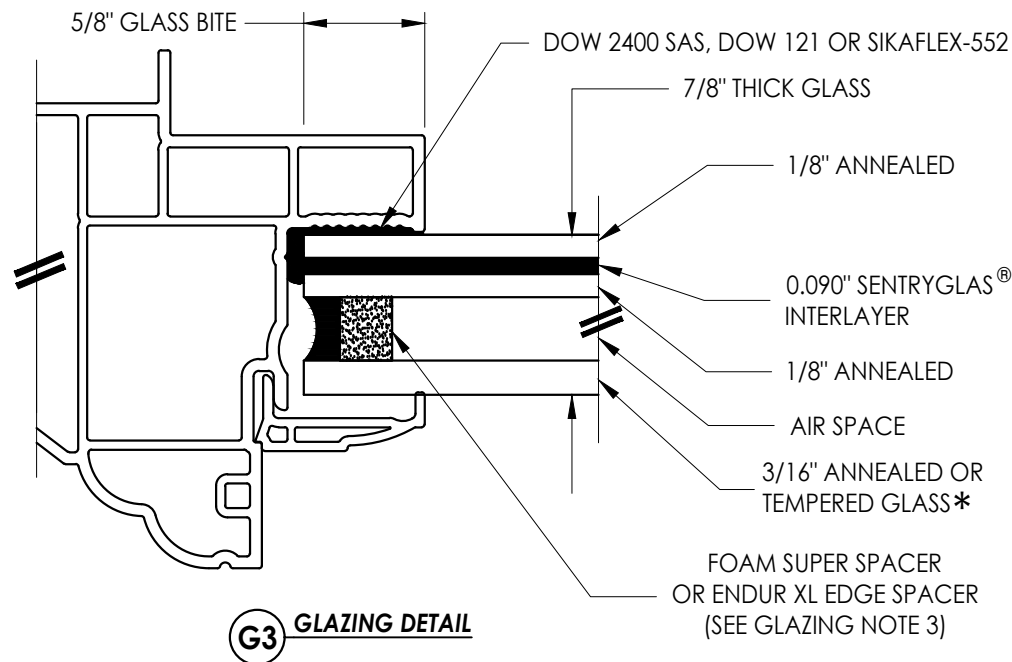
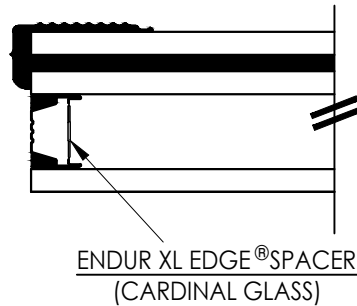
SHEET 3 OF 5

G:\2023 FBC DRAWINGS\Soft-Lite\FL-15768 R12\FL-15768.8-9.dwg



"HVHZ" GLAZING NOTES:

1. GLAZING > 36" WIDE REQUIRES TWO (2) SETTING BLOCKS CONFORMING TO FBC SECTION 2411.3.3.1.
2. TEMPERED GLASS IS REQUIRED FOR EXTERIOR GLASS GREATER THAN 30 FEET ABOVE GROUND.
3. *THE ENDUR STAINLESS STEEL XL EDGE® SPACER MAY BE USED AS A SUBSTITUTE SPACER IN GLAZING DETAILS G1, G2 & G3.



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:
GLAZING DETAILS

NO.	DATE	REVISIONS
6	7/03/23	UPDATE TO 8TH ED. (2023) FBC
5	1/31/22	REVISE GLAZING DETAILS
4	6/08/21	ADD NEW FRAME SIZES
3	7/13/20	UPDATE TO 7TH ED. (2020) FBC
2	11/12/18	ADD ALTERNATE ENDUR SPACER
1	6/11/18	REVISE GLAZING DETAILS
NO.	DATE	

DATE: 4/26/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

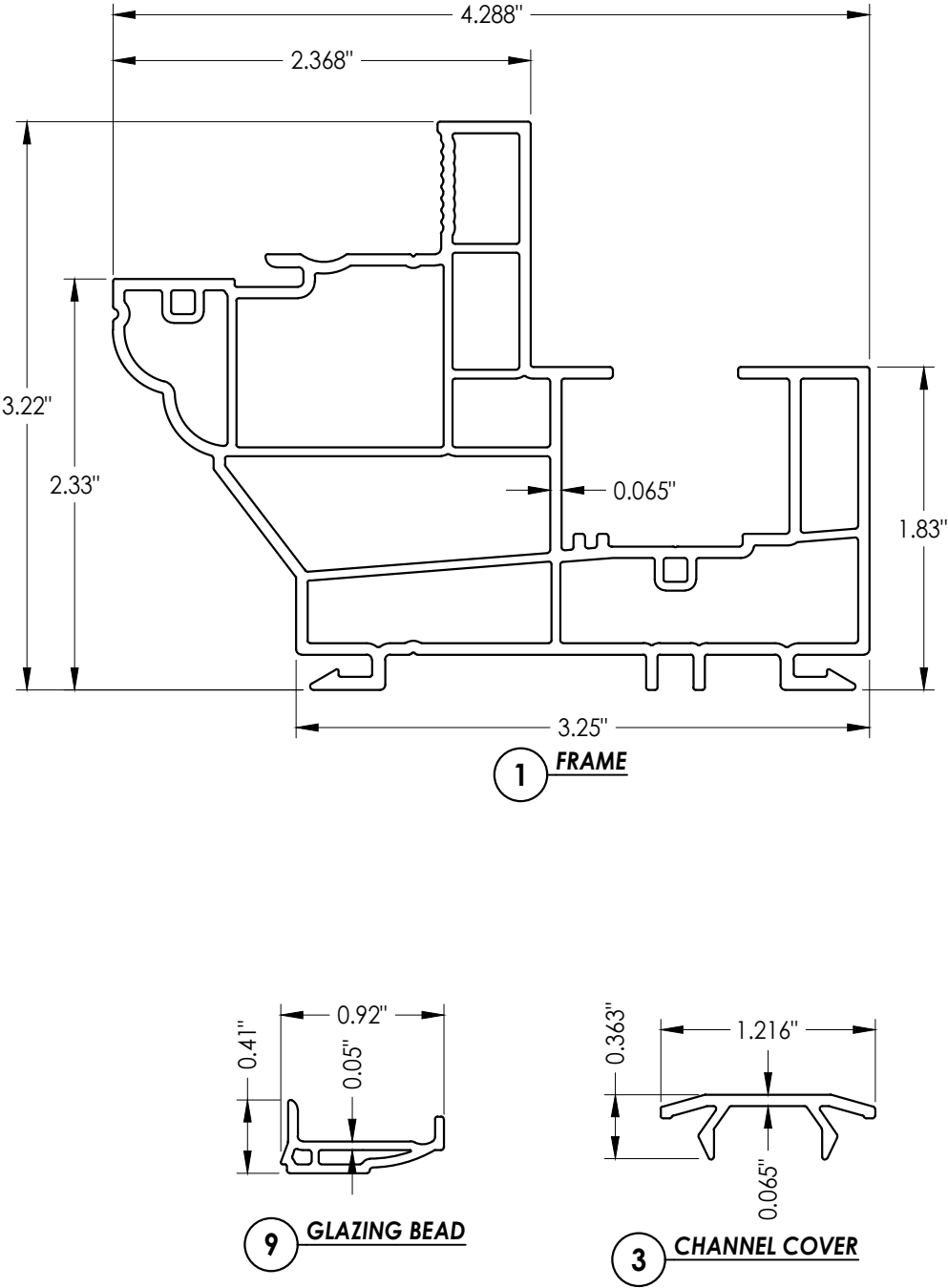
DRAWING NO.: FL-15768.9

SHEET 4 OF 5

G:\2023 FBC DRAWINGS\Soft-Lite\FL-15768 R12\FL-15768.8-9.dwg

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".



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