



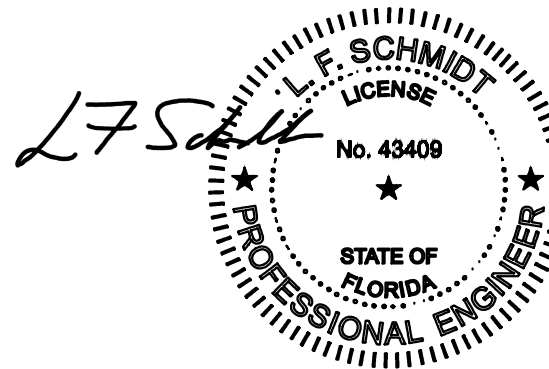
10250 Philipp Parkway
Streetsboro, Ohio 44241

"TSL12" / "TSL12E" Triple Slider Window "NON-IMPACT"

GENERAL NOTES

1. 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).
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 areas requiring wind borne debris protection, this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
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.

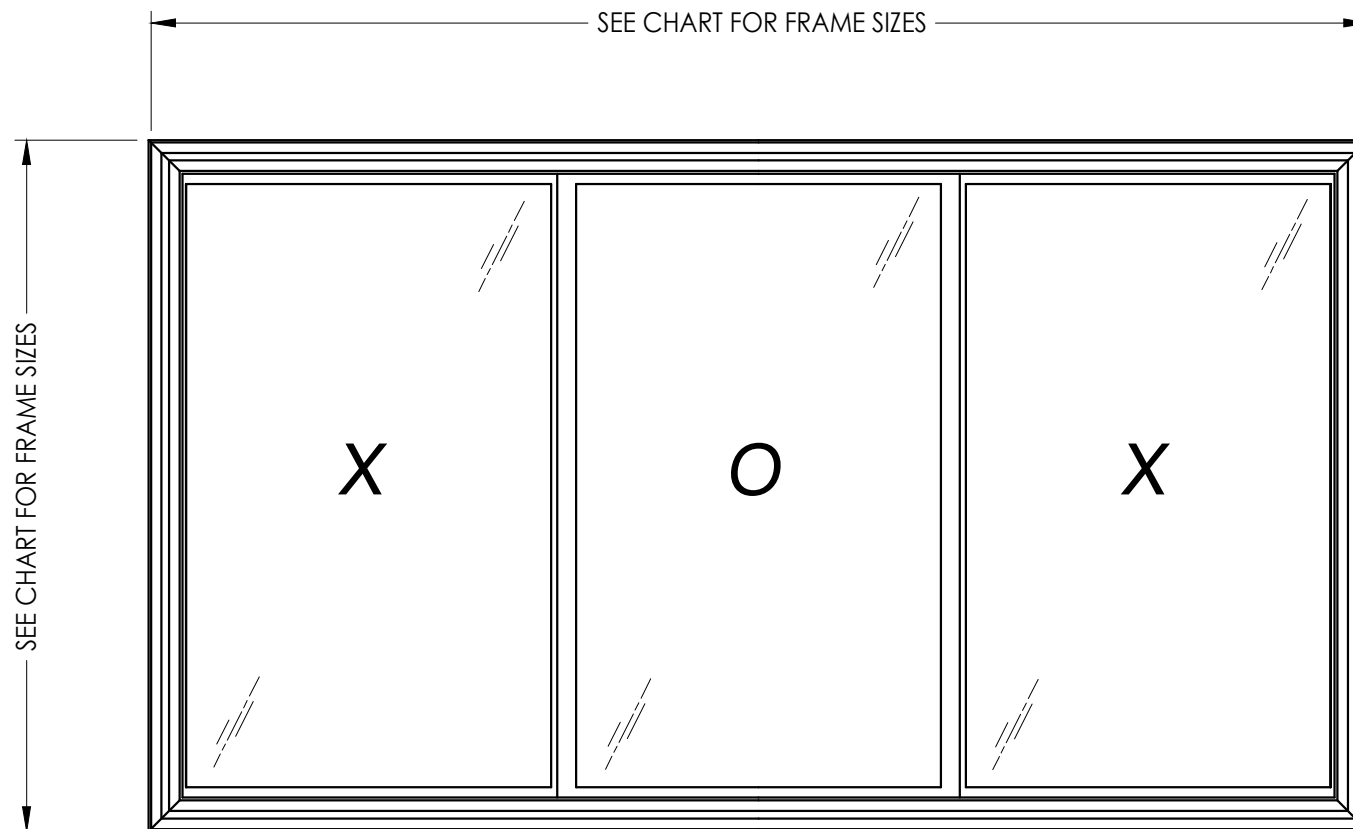
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4	Buck and frame anchoring (1/3 - 1/3 - 1/3)
5	Buck and frame anchoring (1/4 - 1/2 - 1/4)
6	Bill of materials, components and glazing details



Digitally signed by Lyndon F Schmidt
Date: 2023.07.05 12:01:43 -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



MAX. FRAME DIMENSION	MAX. D.I.O. DIMENSION FIXED (O)	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
110.0" X 63.0"	33.13" x 55.13" (1/3 - 1/3 - 1/3)	G1	+30.0	-30.0
110.0" X 63.0"	51.25" x 55.13" (1/4 - 1/2 - 1/4)	G1	+20.0	-20.0

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

6	7/05/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5	7/13/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
4	3/11/20	ADD OPTIONAL FRAMES		LFS
3	8/25/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	JK
1	12/15/14	REVISED DRAWING NO.		JK
NO.	DATE			BY
REVISIONS				

DATE: 3/03/14

SCALE: N.T.S.

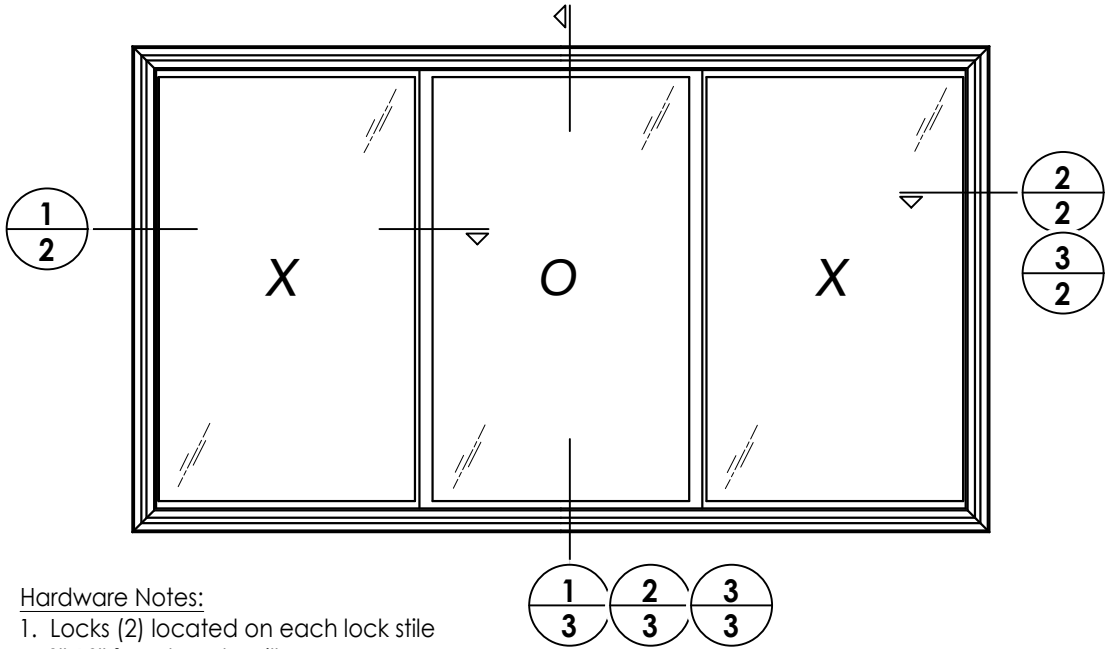
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15781.2

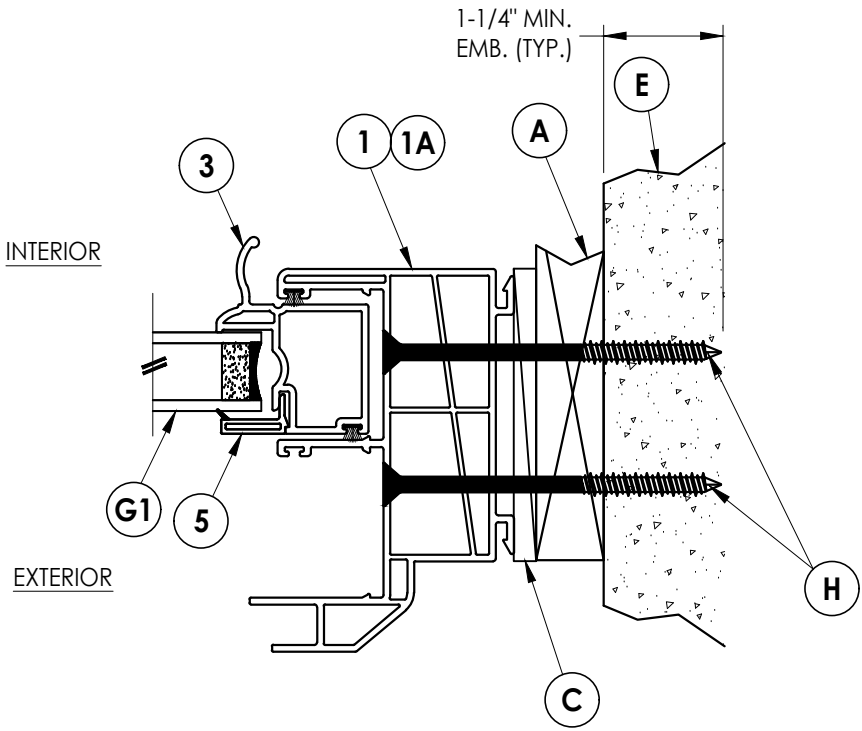
SHEET 1 OF 6

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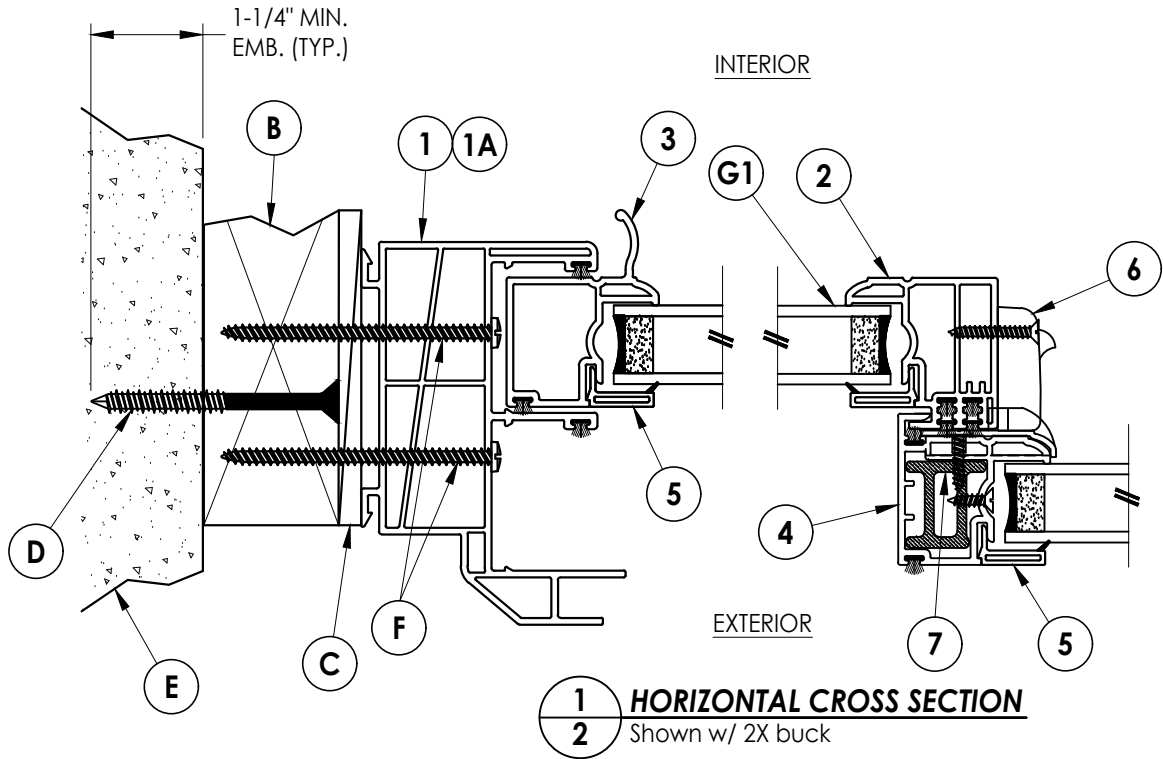


Hardware Notes:

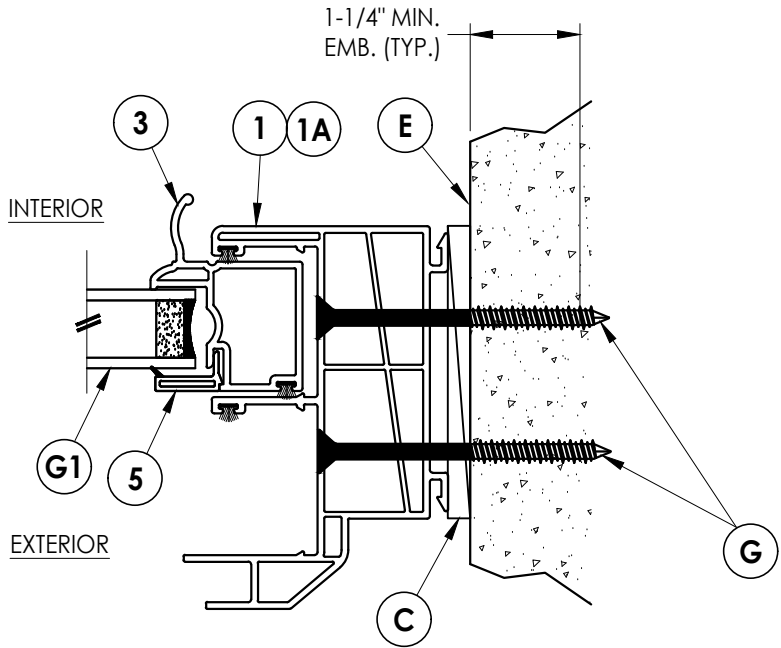
1. Locks (2) located on each lock stile
8"-10" from head & sill.



3 **VERTICAL CROSS SECTION**
2 Shown w/ 1X buck



1 **HORIZONTAL CROSS SECTION**
2 Shown w/ 2X buck



2 **HORIZONTAL CROSS SECTION**
2 Shown direct to masonry

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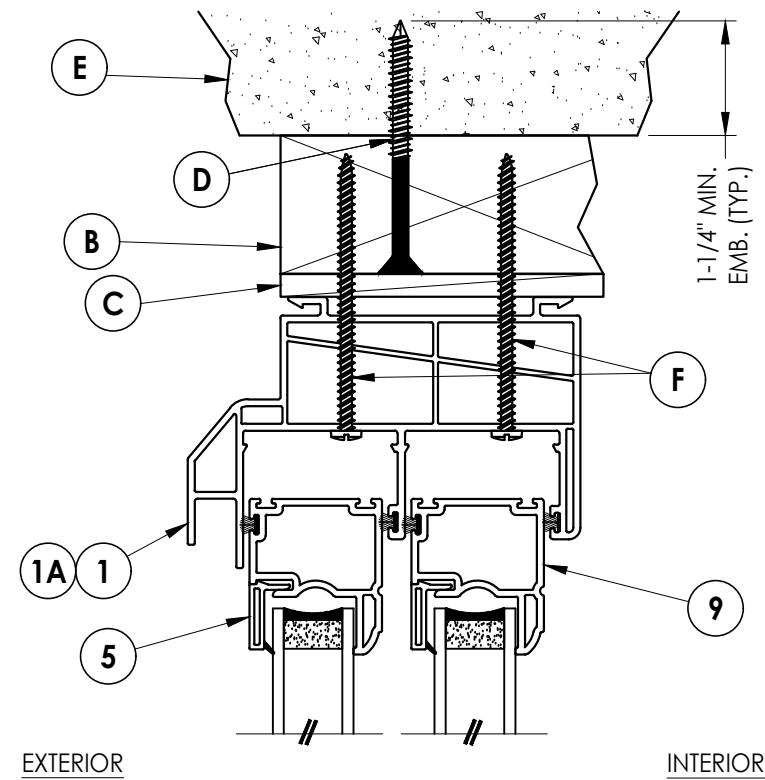
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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SOFT-LITE WINDOWS

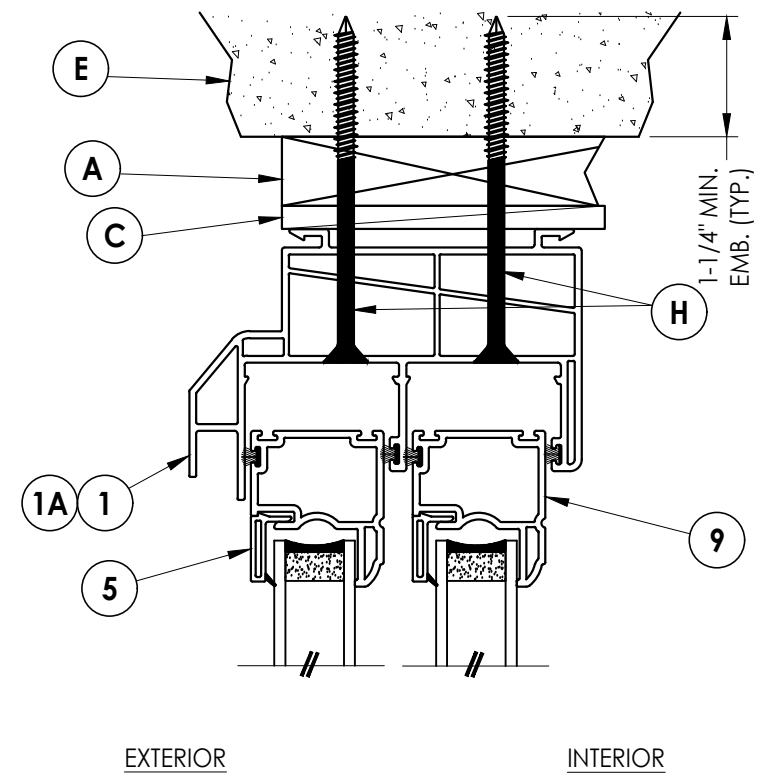
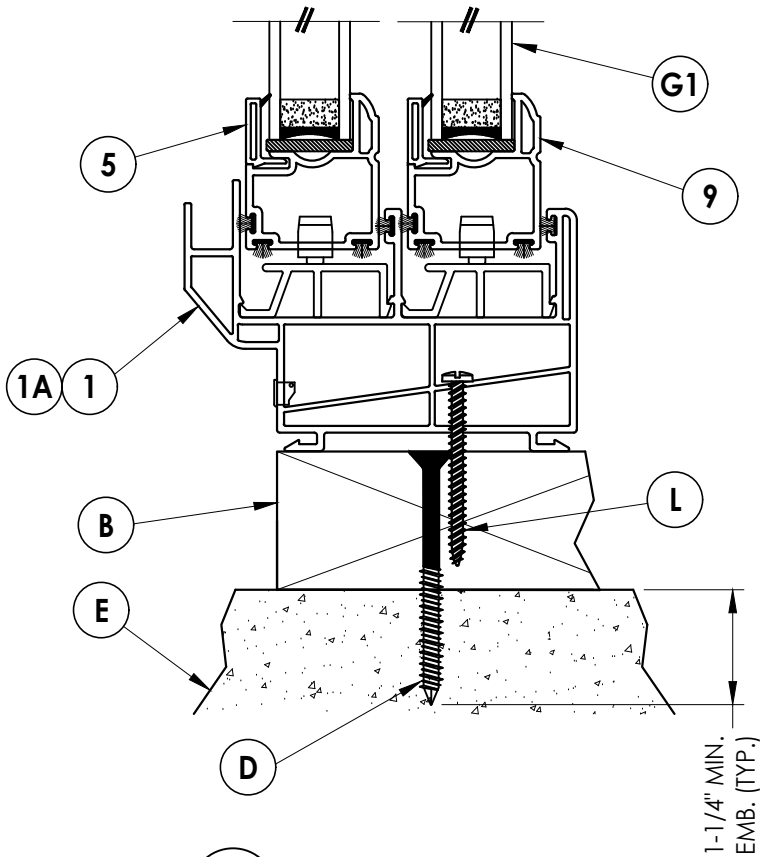
PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS
6	7/05/23	UPDATE TO 8TH ED. (2023)
5	7/13/20	UPDATE TO 7TH ED. (2020)
4	3/11/20	ADD OPTIONAL FRAMES
3	8/25/17	UPDATE TO 6TH ED. (2017)
2	3/03/15	UPDATE TO 5TH ED. (2014)
1	12/15/14	REVISED DRAWING NO.
NO.	DATE	BY
DATE:	3/03/14	
SCALE:	N.T.S.	
DWG. BY:	JK	
CHK. BY:	LFS	
DRAWING NO.:	FL-15781.2	
SHEET	2	OF 6

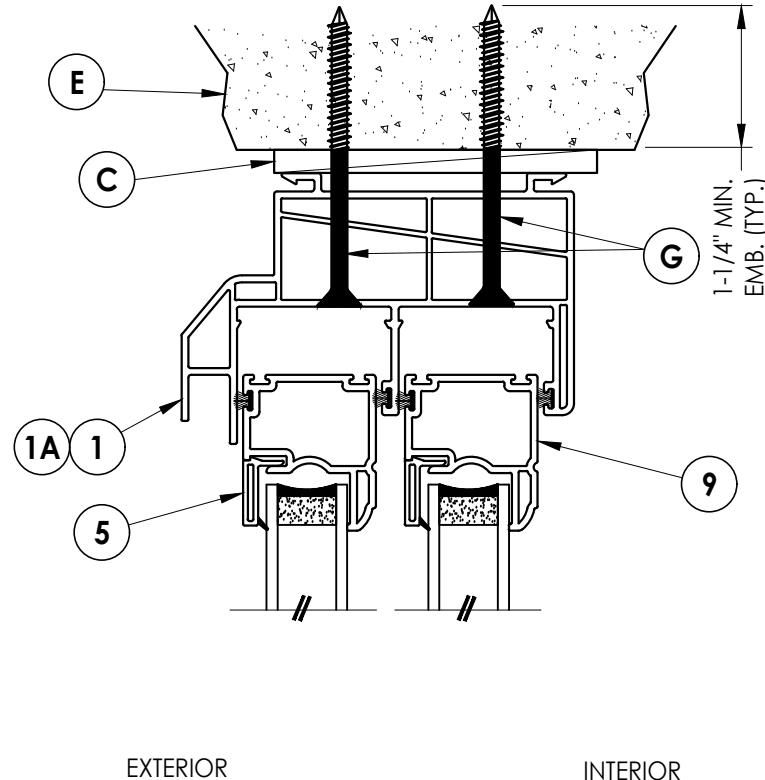
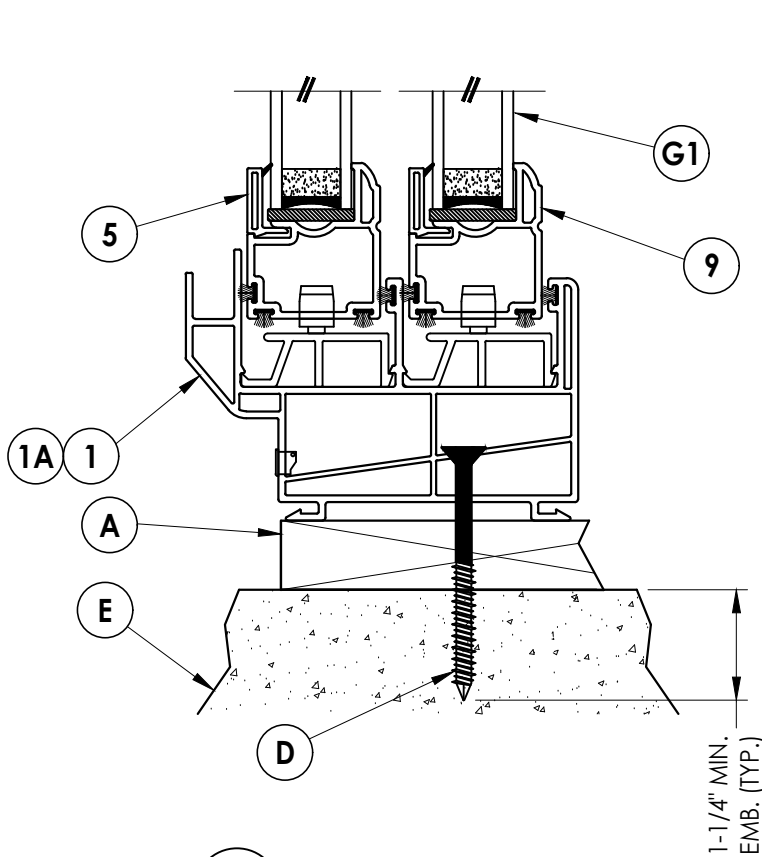
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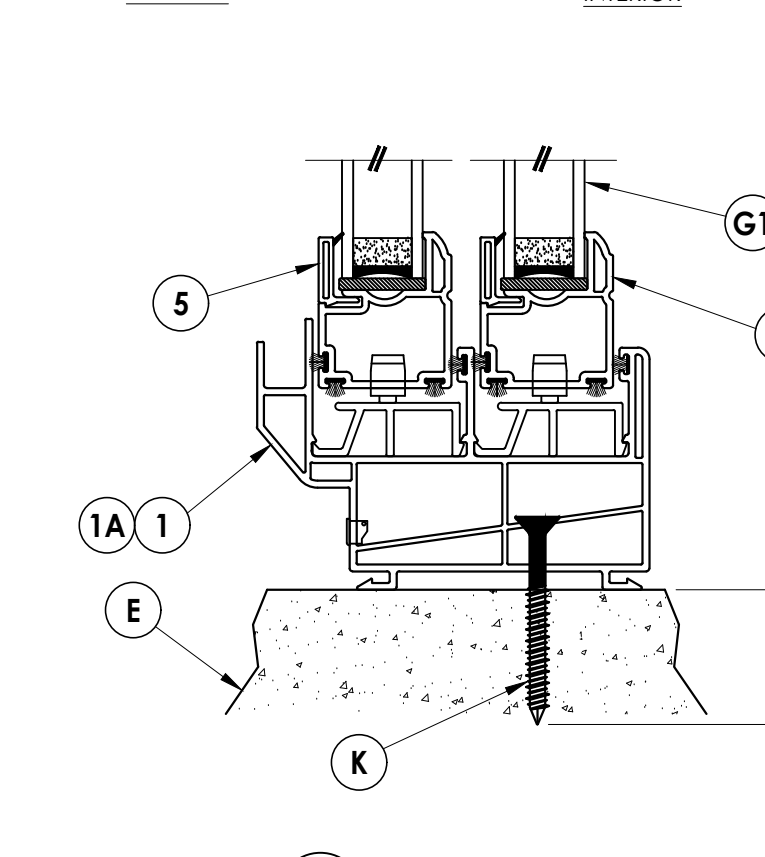
1 **VERTICAL CROSS SECTION**
3 Shown w/ 2X buck



2 **VERTICAL CROSS SECTION**
3 Shown w/ 1X buck



3 **VERTICAL CROSS SECTION**
3 Shown direct to masonry



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PRODUCT:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
6	7/05/23	UPDATE TO 8TH ED. (2023) FBC
5	7/13/20	UPDATE TO 7TH ED. (2020) FBC
4	3/11/20	ADD OPTIONAL FRAMES
3	8/25/17	UPDATE TO 6TH ED. (2017) FBC
2	3/03/15	UPDATE TO 5TH ED. (2014) FBC
1	12/15/14	REVISED DRAWING NO.
NO.	DATE	BY

DATE: 3/03/14

SCALE: N.T.S.

DWG. BY: JK

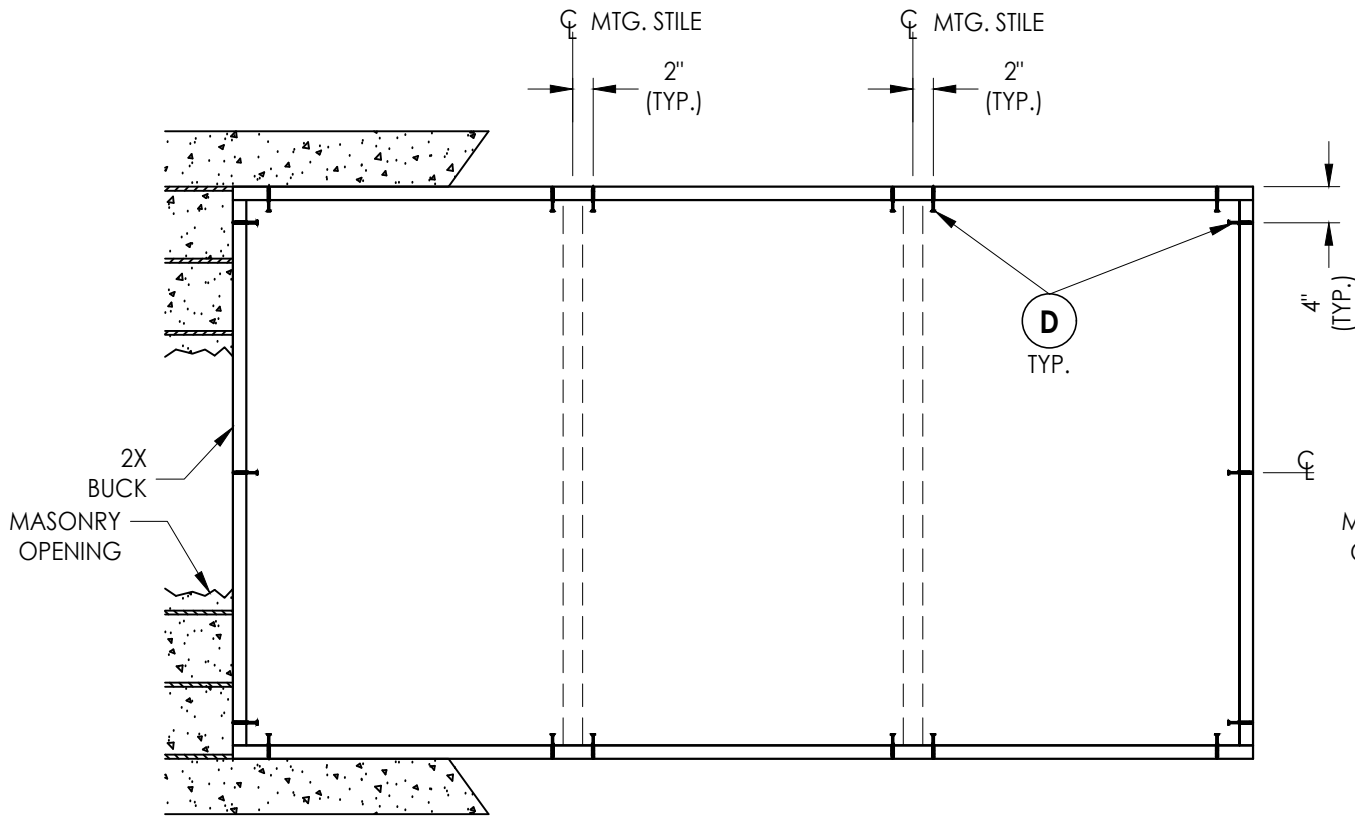
CHK. BY: LFS

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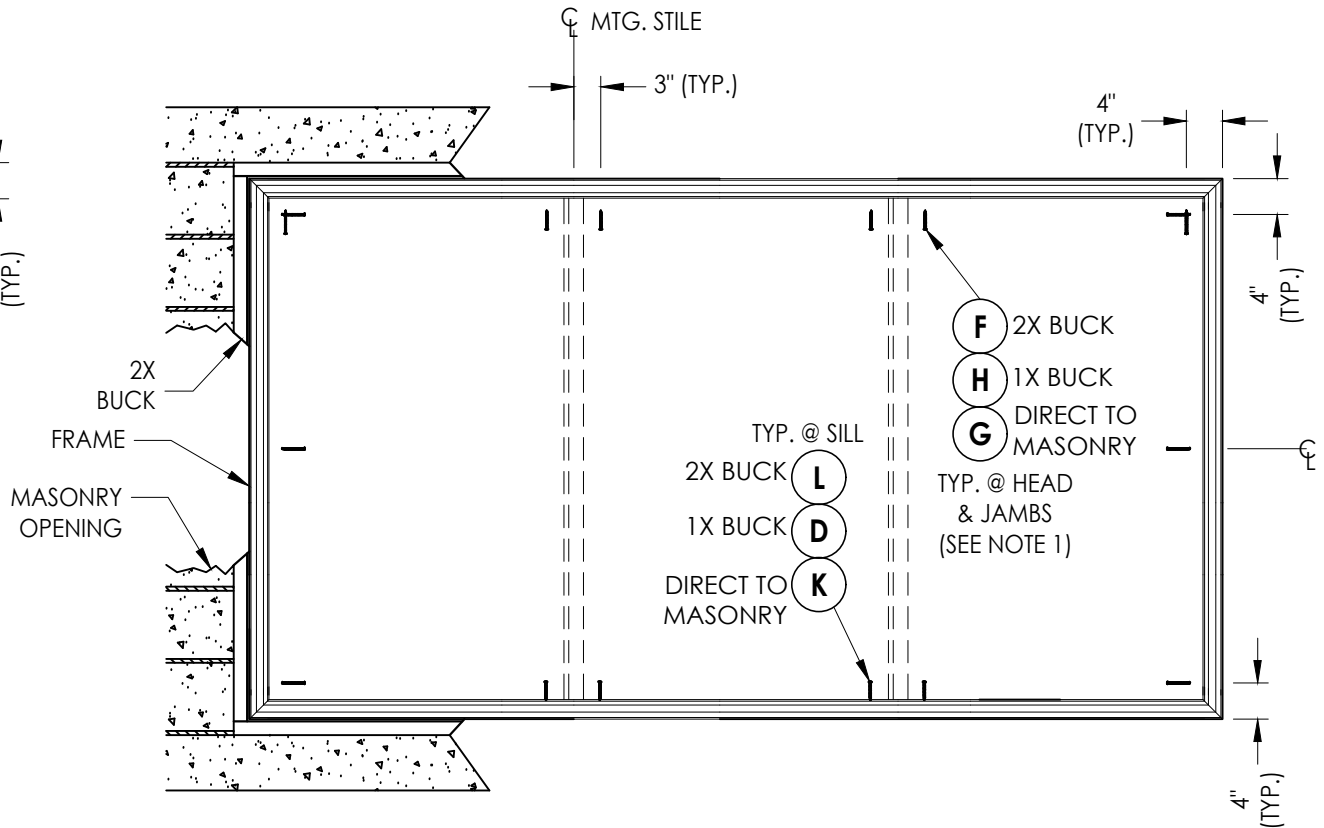
FL-15781.2

SHEET 3 OF 6

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BUCK ANCHORING
1/3 - 1/3 - 1/3



FRAME ANCHORING
1/3 - 1/3 - 1/3

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"

NOTE:

1. Anchors shown at the head & jambs are for a pair (2) of anchors. Stagger anchors as necessary to maintain the following spacing between pairs of anchors:
Wood: 1" min. between anchors
Concrete: 4" min. between anchors

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Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT:

SOFT-LITE WINDOWS

PART OR ASSEMBLY:

BUCK AND FRAME ANCHORING
(1/3 - 1/3 - 1/3)

NO.	DATE	REVISIONS
6	7/05/23	UPDATE TO 8TH ED. (2023)
5	7/13/20	UPDATE TO 7TH ED. (2020)
4	3/11/20	ADD OPTIONAL FRAMES
3	8/25/17	UPDATE TO 6TH ED. (2017)
2	3/03/15	UPDATE TO 5TH ED. (2014)
1	12/15/14	REVISED DRAWING NO.
NO.	DATE	BY

DATE: 3/03/14

SCALE: N.T.S.

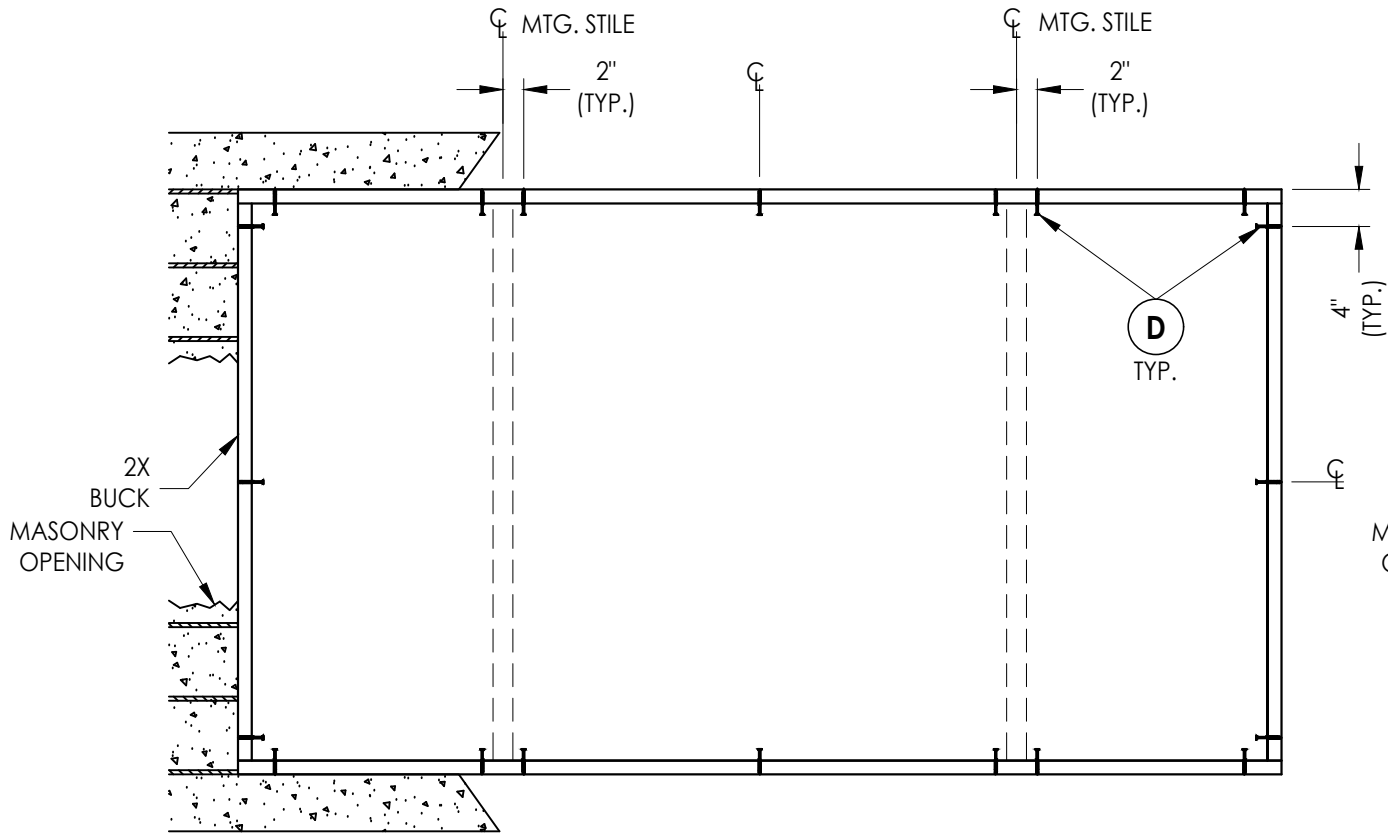
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CHK. BY: LFS

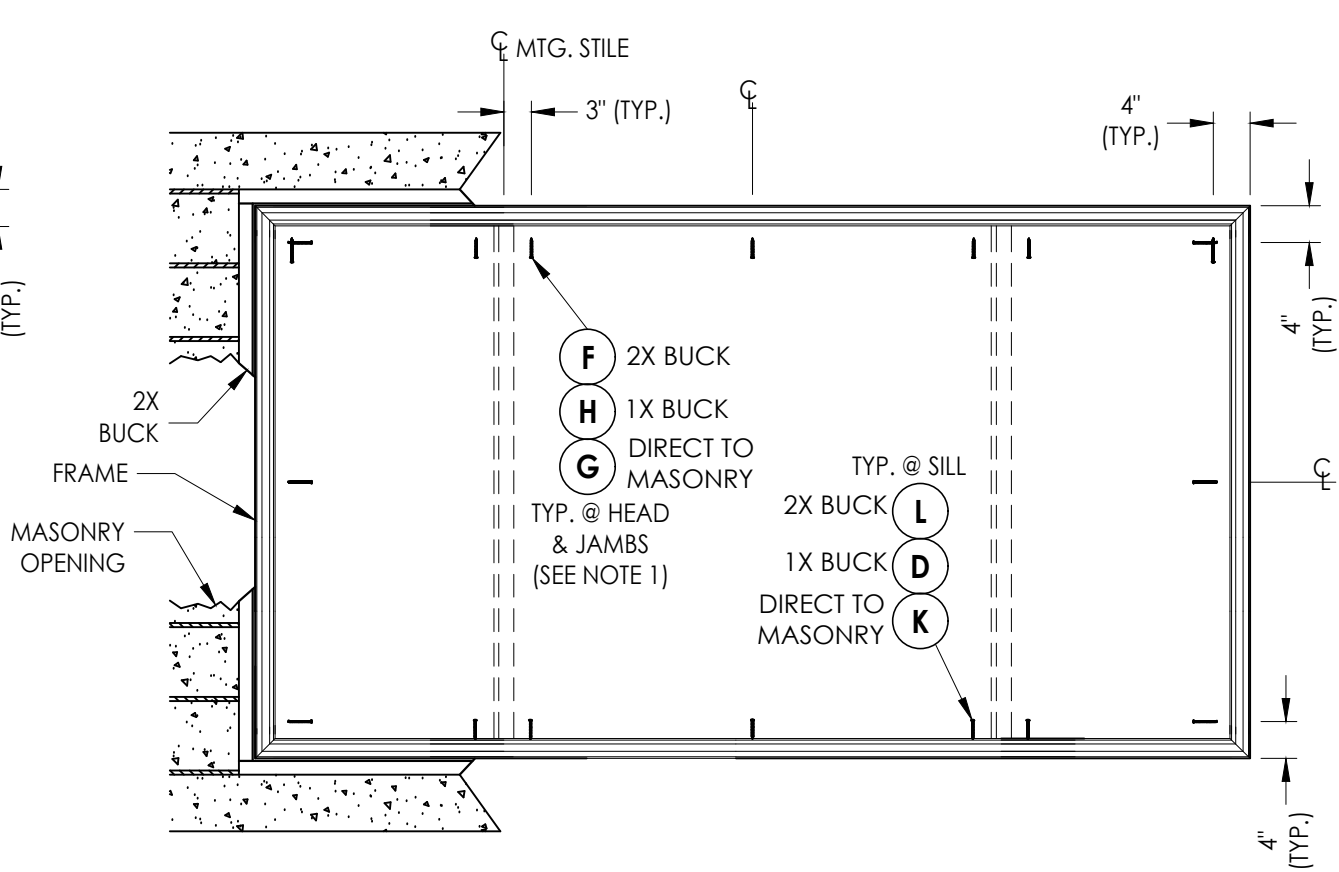
DRAWING NO.:
FL-15781.2

SHEET 4 OF 6

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BUCK ANCHORING
1/4 - 1/2 - 1/4



FRAME ANCHORING
1/4 - 1/2 - 1/4

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.

NOTE:

- Anchors shown at the head & jambs are for a pair (2) of anchors. Stagger anchors as necessary to maintain the following spacing between pairs of anchors:
Wood: 1" min. between anchors
Concrete: 4" min. between anchors

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FBPE Registry No. 9813

PRODUCT:
SOFT-LITE WINDOWS

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING
(1/4 - 1/2 - 1/4)

NO.	DATE	REVISIONS
6	7/05/23	UPDATE TO 8TH ED. (2023) FBC
5	7/13/20	UPDATE TO 7TH ED. (2020) FBC
4	3/11/20	ADD OPTIONAL FRAMES
3	8/25/17	UPDATE TO 6TH ED. (2017) FBC
2	3/03/15	UPDATE TO 5TH ED. (2014) FBC
1	12/15/14	REVISED DRAWING NO.
NO.	DATE	BY

DATE: 3/03/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

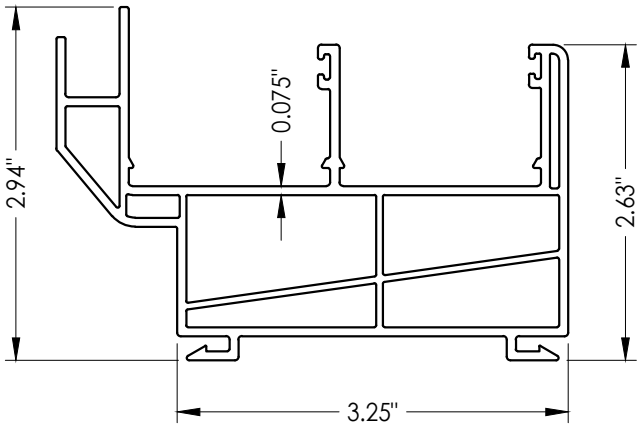
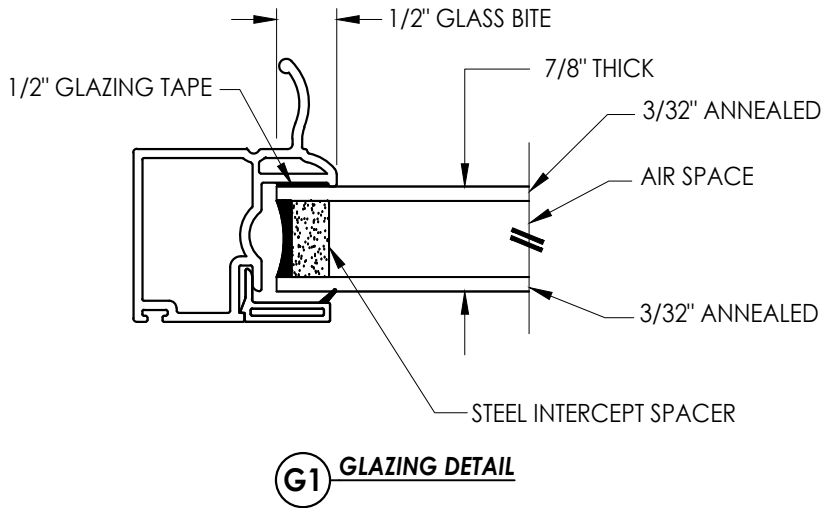
FL-15781.2

SHEET 5 OF 6

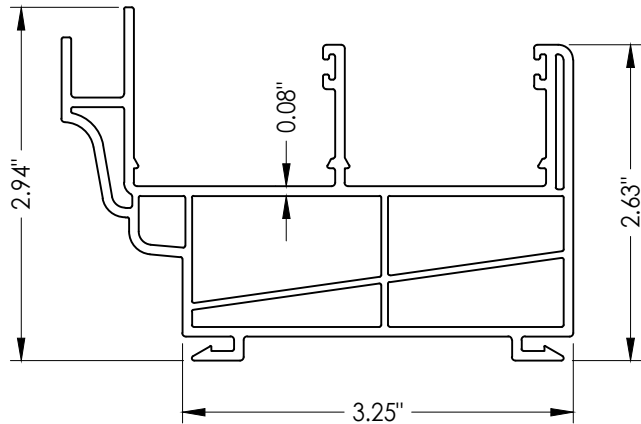
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BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.42	WOOD
B	2X BUCK SG >= 0.42	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 3" PPH SMS (1-3/8" MIN. EMBEDMENT)	STEEL
G	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
H	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 2-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2" PPH SMS (1-1/8" MIN. EMBEDMENT)	STEEL
1	MAIN FRAME*	PVC
2	LOCK STILE*	PVC
3	PULL STILE*	PVC
4	MEETING STILE*	PVC
5	GLAZING BEAD*	PVC
6	CAM LOCK	-
7	SASH STIFFENER	COMP
9	RAIL*	PVC

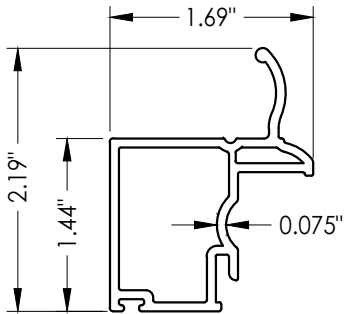
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATIONS PROGRAMS FOR RIGID PVC EXTRUSIONS".



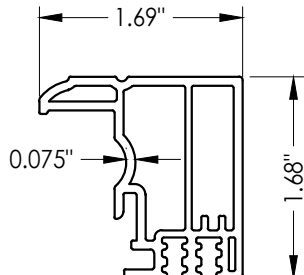
1 MAIN FRAME
"TSL12"



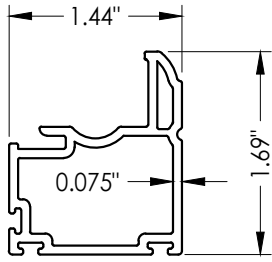
1A MAIN FRAME
"TSL12E"



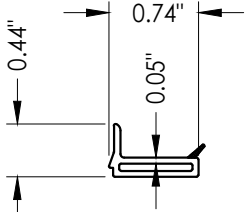
3 PULL STILE



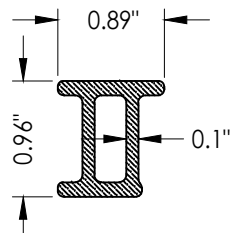
2 LOCK STILE



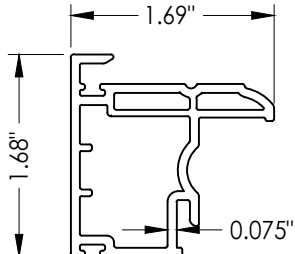
9 RAIL



5 GLAZING BEAD



7 SASH STIFFENER



4 MEETING STILE

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FBPE Registry No. 9813

PRODUCT: SOFT-LITE WINDOWS

PART OR ASSEMBLY:
BILL OF MATERIALS, COMPONENTS
AND GLAZING DETAIL

LFS	FBC	(2023)	UPDATE TO 8TH ED.	7/05/23
LFS	FBC	(2020)	UPDATE TO 7TH ED.	7/13/20
LFS	FBC	(2017)	ADD OPTIONAL FRAMES	3/11/20
JK	FBC	(2017)	UPDATE TO 6TH ED.	8/25/17
JK	FBC	(2014)	UPDATE TO 5TH ED.	3/03/15
JK	FBC	(2014)	REVISED DRAWING NO.	12/15/14
BY			DATE	NO.

REVISIONS

DATE: 3/03/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15781.2

SHEET 6 OF 6