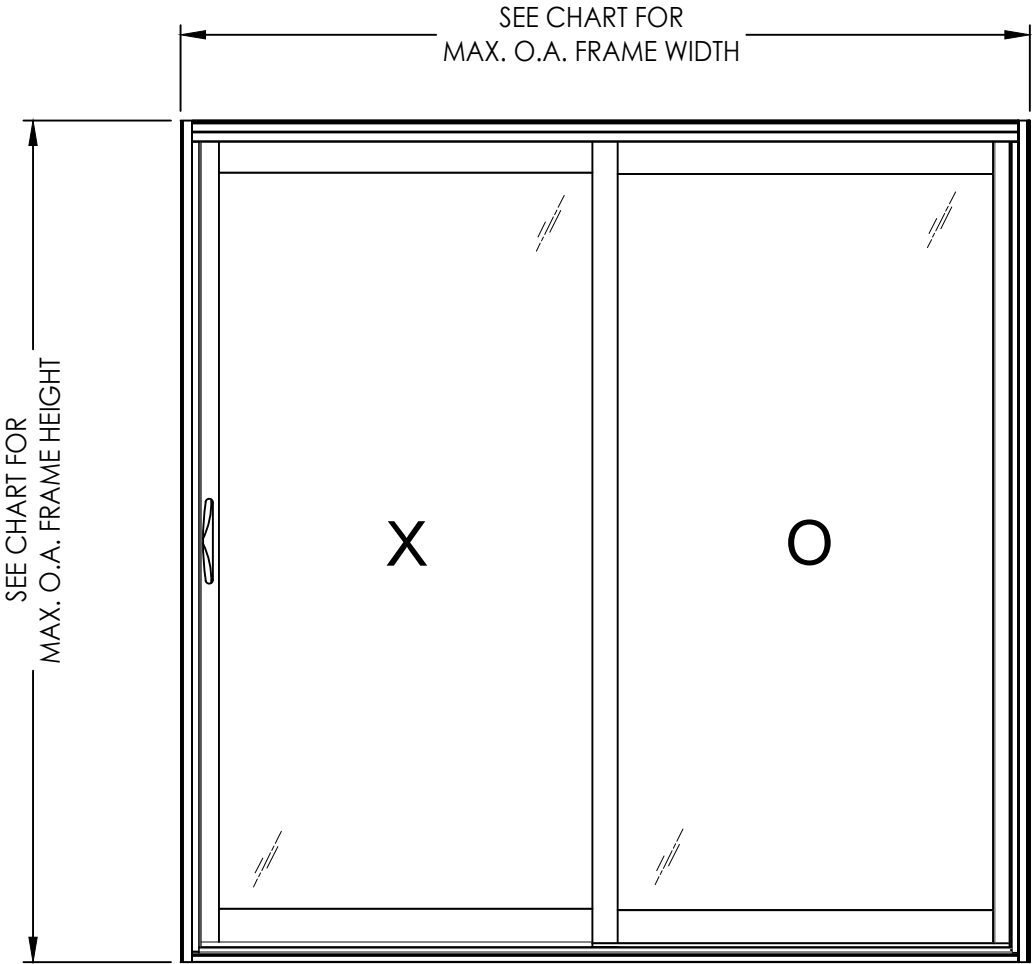


VICTORIAN
SLIDING PATIO DOOR
XO/OX
"NON-IMPACT"

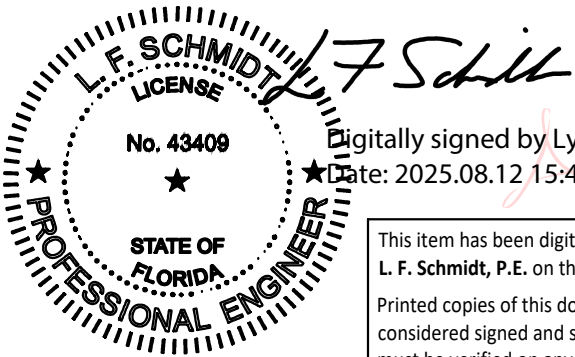
GENERAL NOTES

1. This product anchoring drawing is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifcations and ratings.
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. 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 & general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Buck & frame anchoring
5	Bill of materials, glazing details & components



MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
95.5" X 95.5"	42.88" x 85.5"	G1	+35.0	-35.0



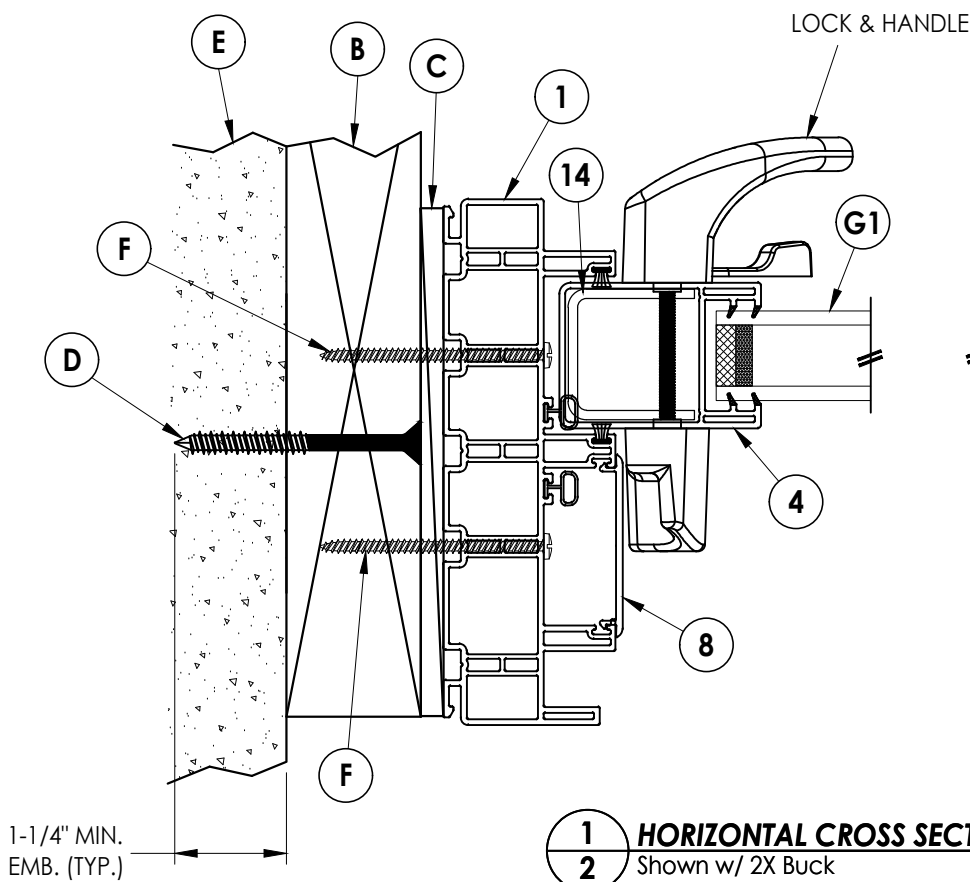
Digitally signed by Lyndon F Schmidt
Date: 2025.08.12 15:49:55 -04'00'

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.

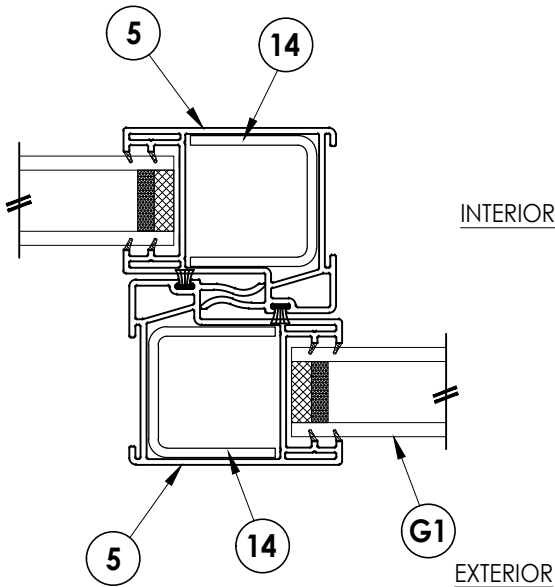
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		Building Consultants, Inc. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT:	NOVATECH PATIO DOOR	PART OR ASSEMBLY:	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
		NO. DATE	BY
			REVISIONS
DATE: 8/07/25			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-47697.1			
SHEET 1 OF 5			

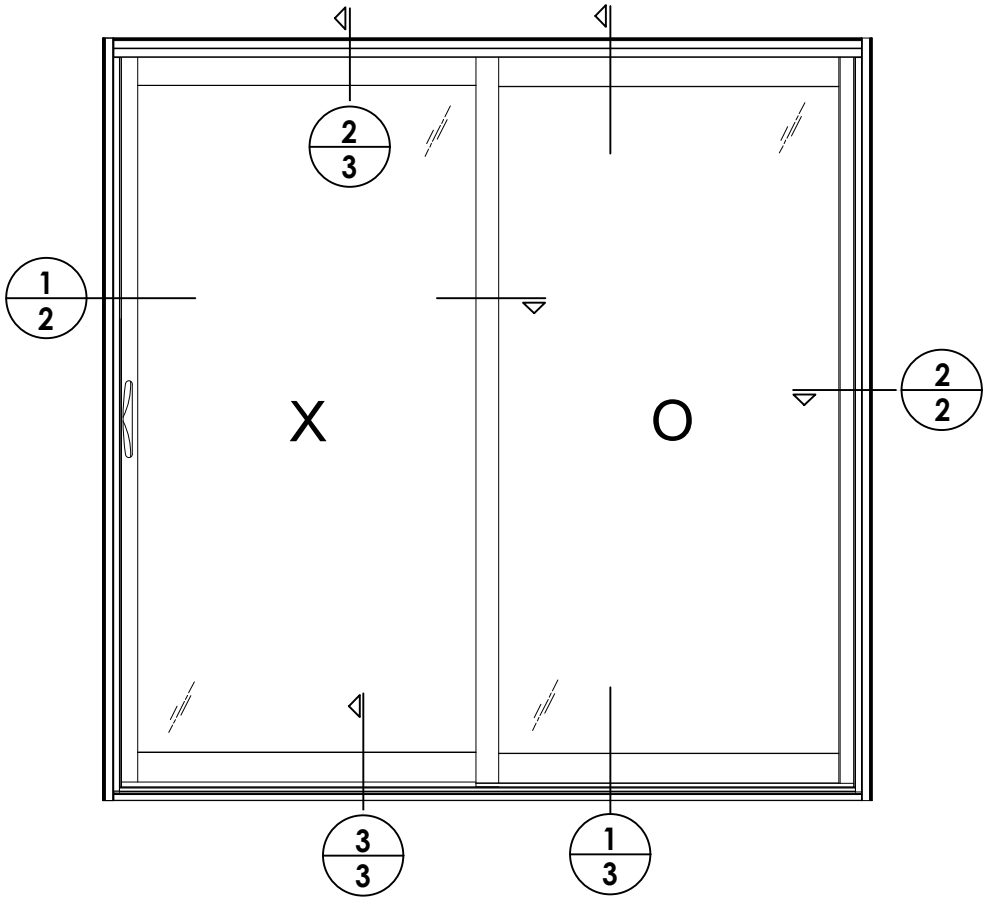
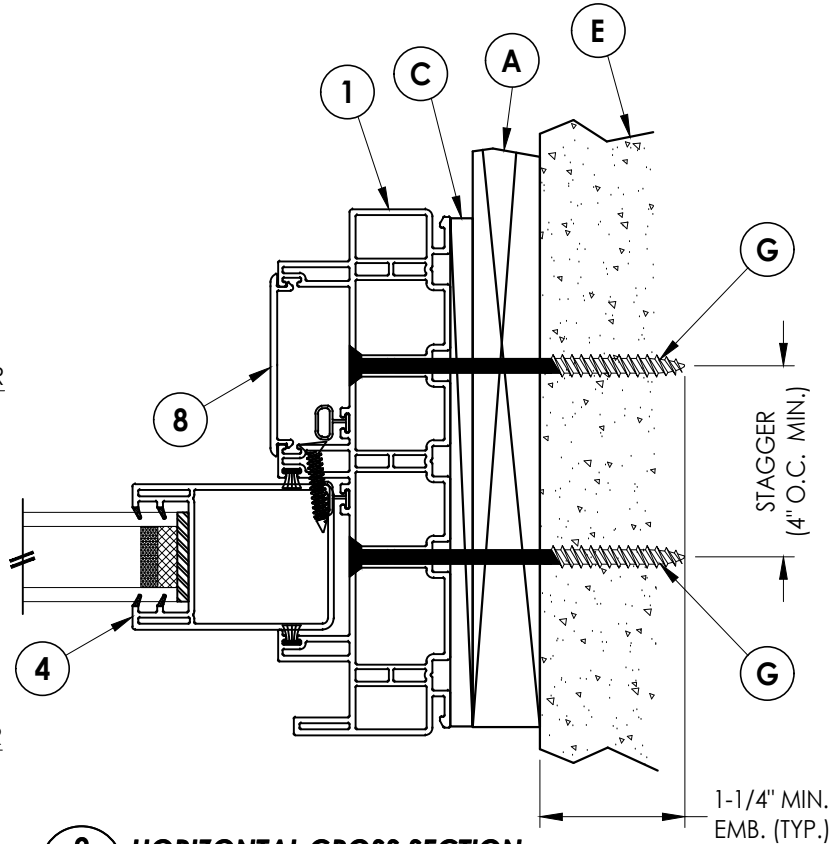
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1 HORIZONTAL CROSS SECTION
2 Shown w/ 2X Buck



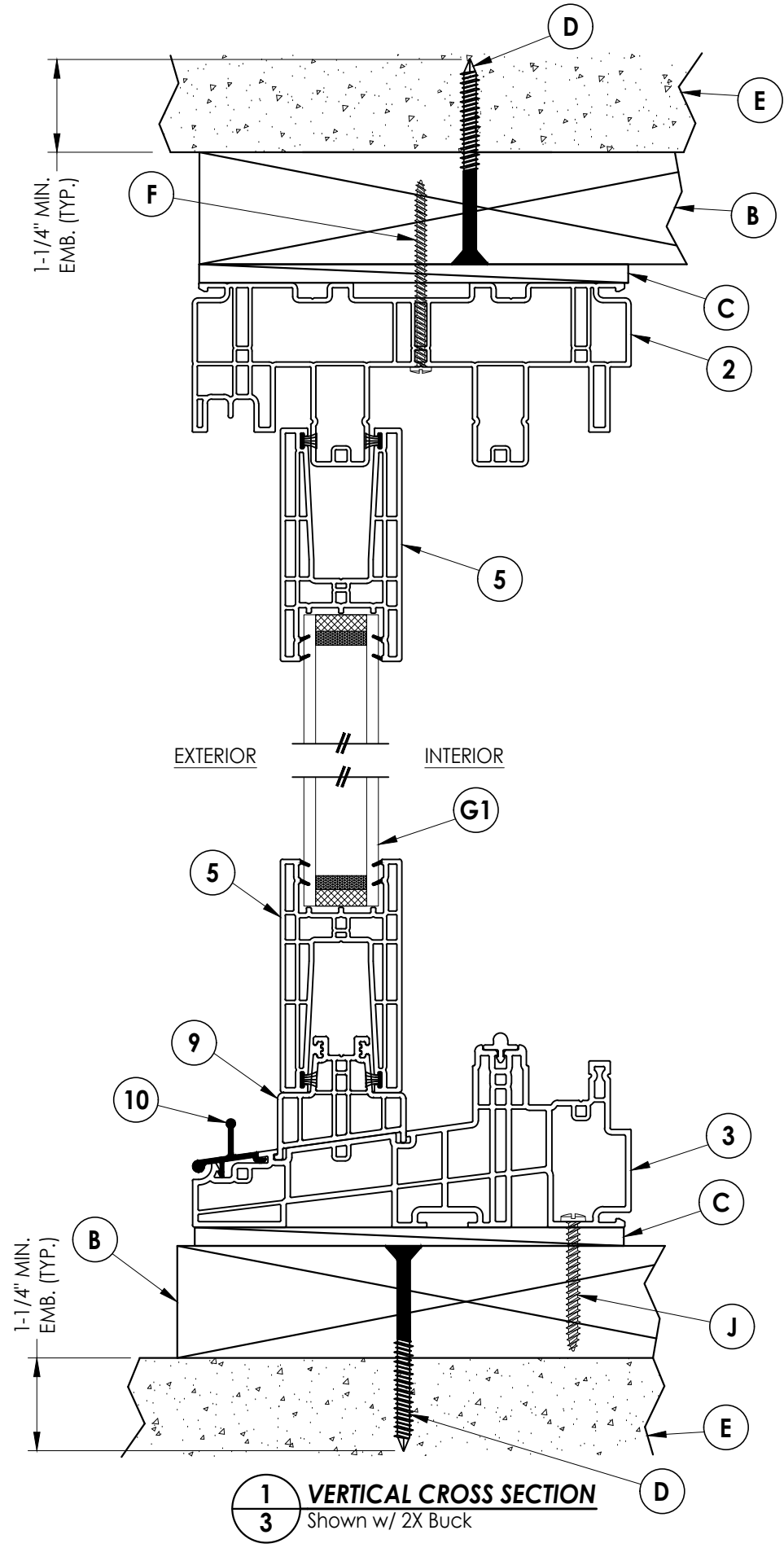
2 HORIZONTAL CROSS SECTION
2 Shown w/ 1X Buck Construction



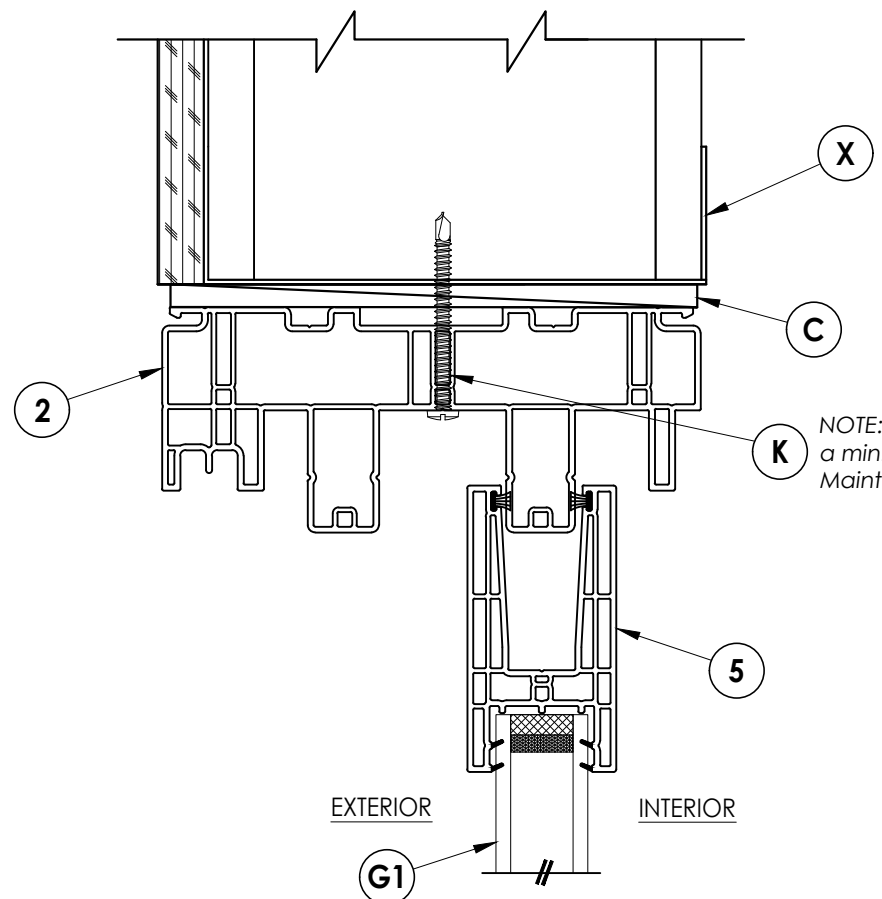
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CHK. BY: RW
DRAWING NO.: FL-47697.1
SHEET 2 OF 5

PRODUCT: NOVATECH PATIO DOOR
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409
RWB BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

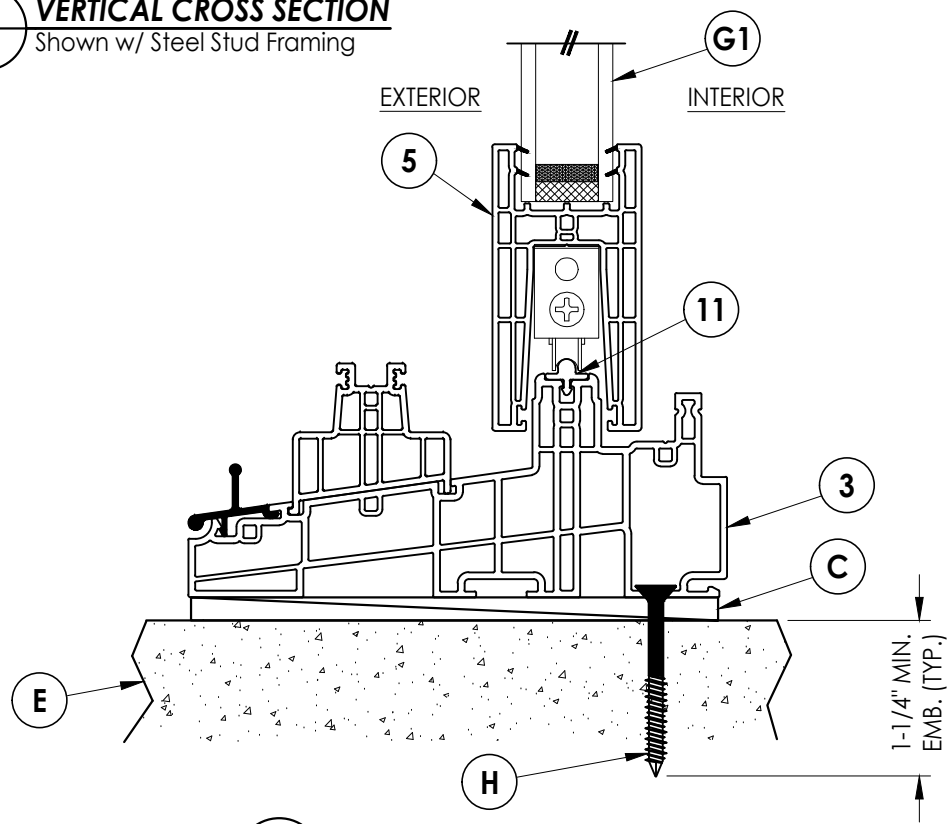


1 **VERTICAL CROSS SECTION**
3 Shown w/ 2X Buck



NOTE: Sheet Metal Screws must penetrate a min. of 3 threads through metal stud. Maintain a minimum 5/8" edge distance.

2 VERTICAL CROSS SECTION
3 Shown w/ Steel Stud Framing



3 VERTICAL CROSS SECTION
3 Shown Direct to Masonry

[illegible]

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

NOVATECH
PATIO DOOR

PART OR ASSEMBLY:

VERTICAL CROSS SECTIONS

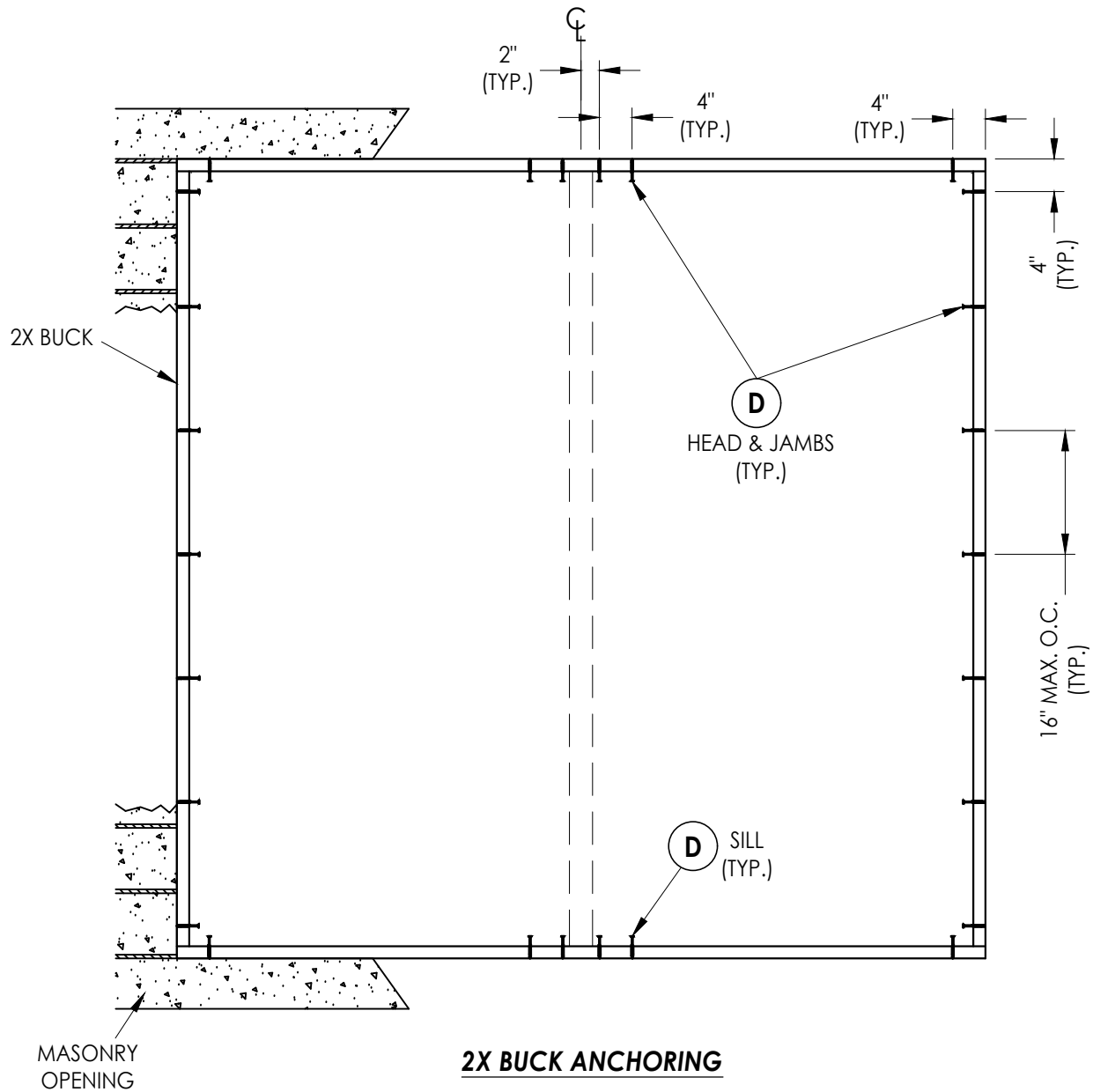
DRACON BUILDING CONSULTANTS, INC.

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595

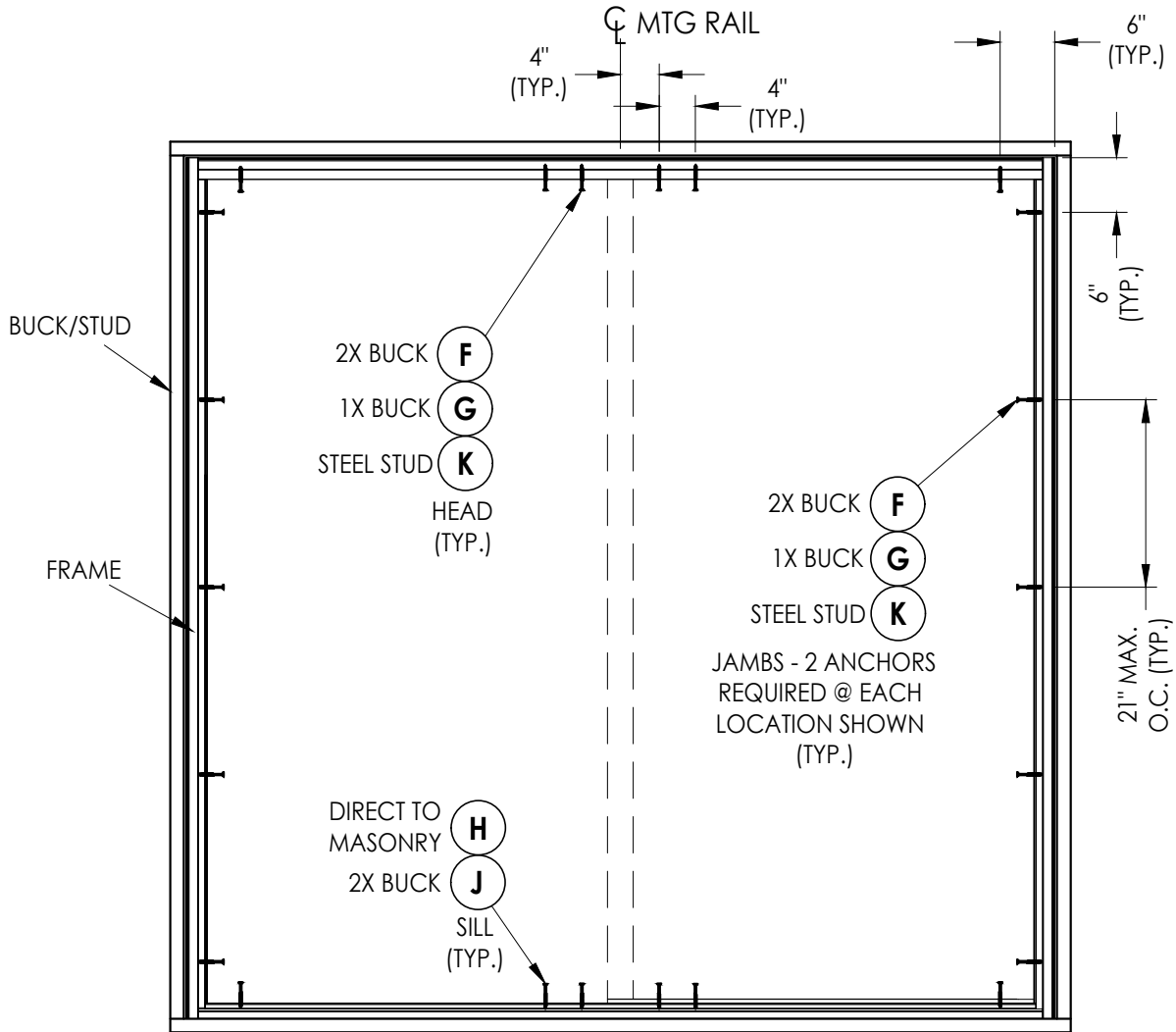
Phone No.: 813.659.9197

FBPE Registry No. 9813

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2X 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 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.

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: NOVATECH PATIO DOOR		PART OR ASSEMBLY: BUCK & FRAME ANCHORING	
NO.		BY	
DATE		REVISIONS	
DATE: 8/07/25			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-47697.1			
SHEET 4 OF 5			

