

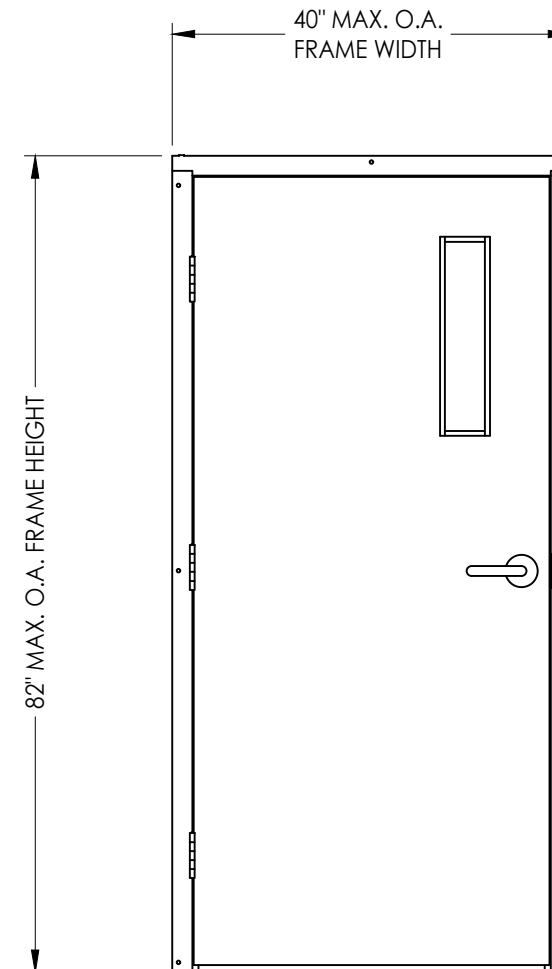
400 Zenway Blvd. Unit #1
Woodbridge, ON L4H 0S7

**LS20 STEEL DOOR w/ VISION LITE
w/ MODULAR FRAME ADAPTION
OUTSWING
"NON-IMPACT"**

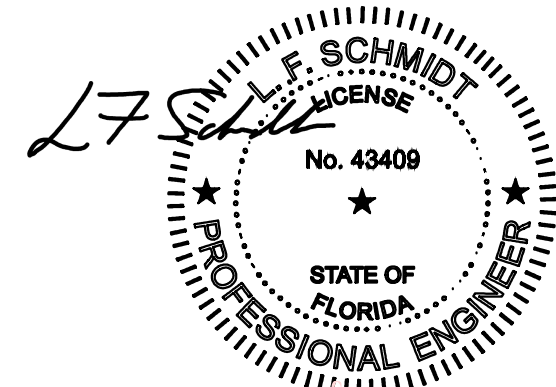
GENERAL NOTES

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. 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	Door panel details
3	Elevation & Horizontal cross sections
4	Vertical cross sections
5	Frame anchoring
6	Bill of materials & components



MAX. OVERALL DIMENSION	DESIGN PRESSURE (PSF)	
	POSITIVE	NEGATIVE
40.0" X 82.0"	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2023.07.05 15:50:20 -04'00'

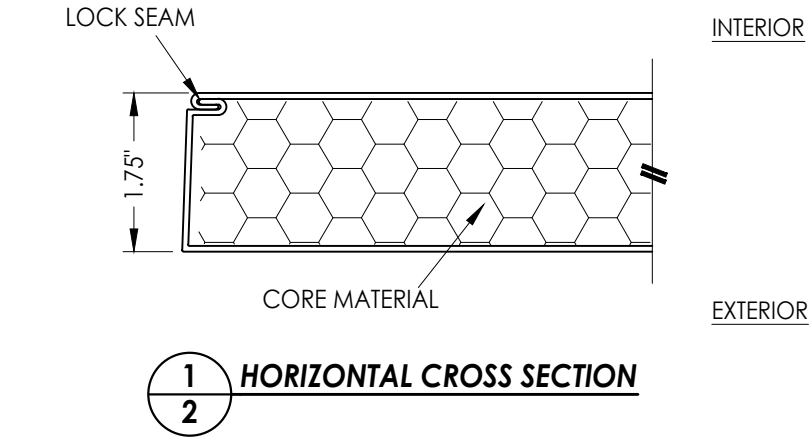
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

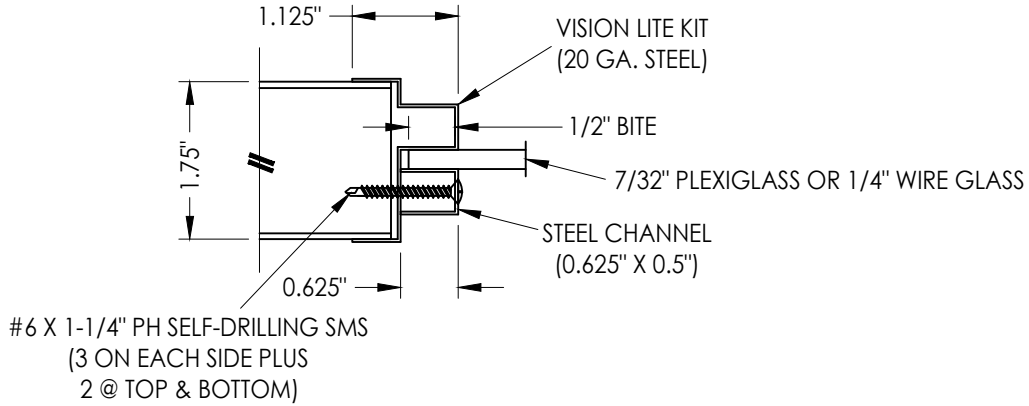
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

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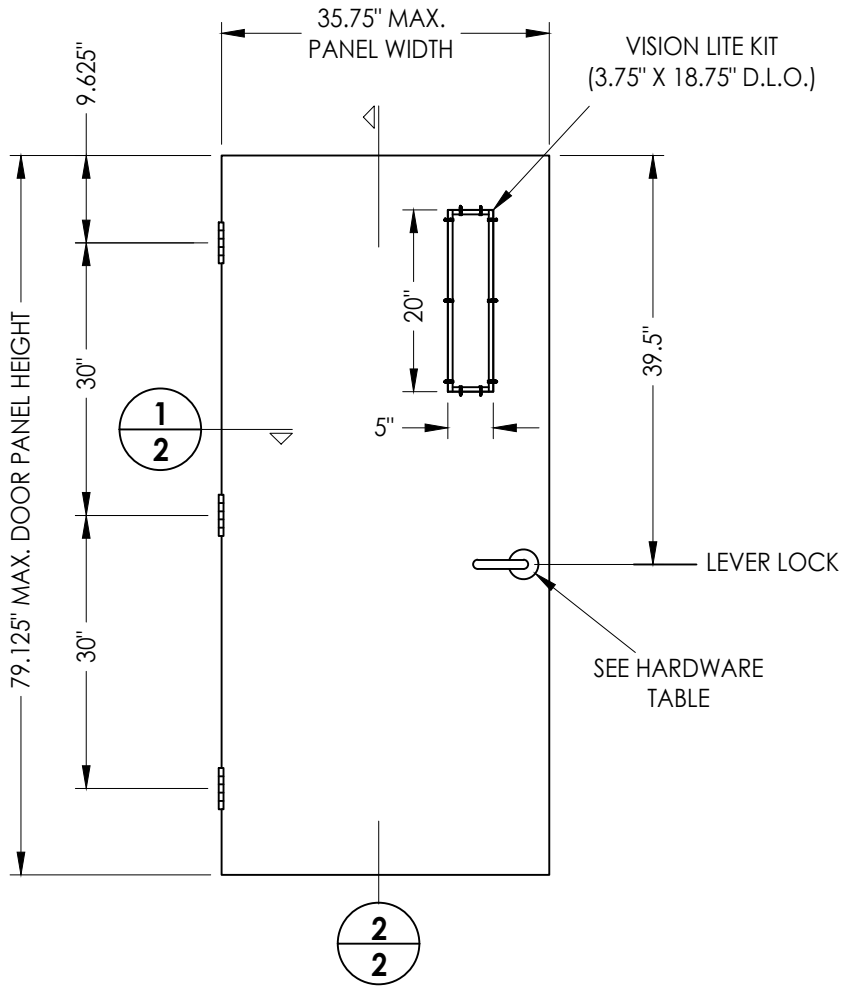
R:\2023 FBC Drawings\Vision Hollow Metal\FL-19036 R9\FL-19036.10.dwg



1
2 **HORIZONTAL CROSS SECTION**

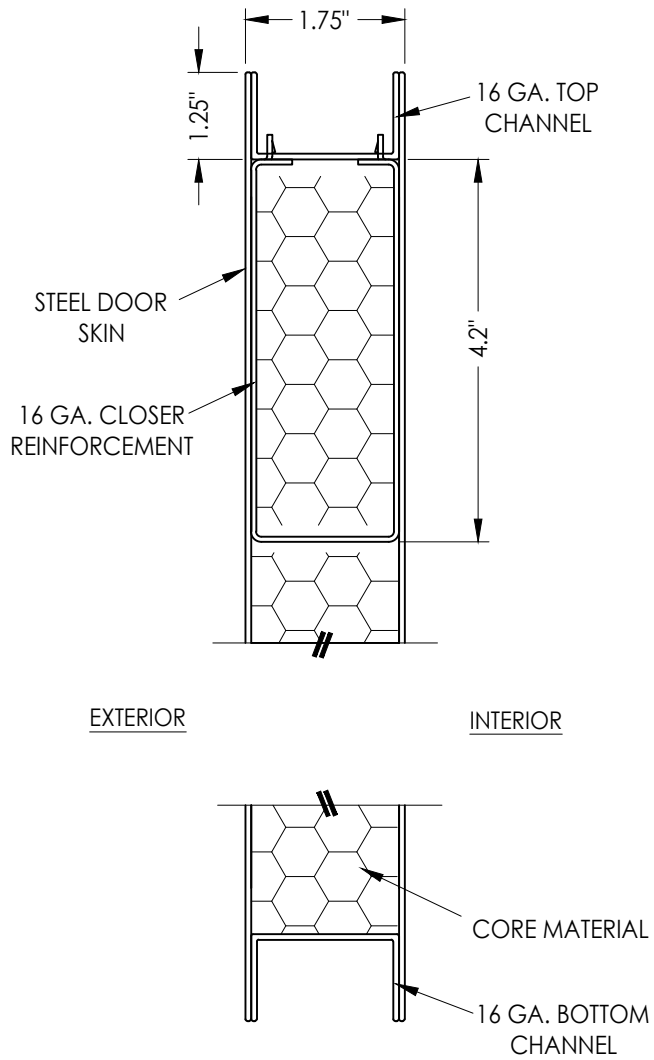


P1 **VISION LITE KIT w/ PLEXIGLASS DETAIL**



40 **VISION HOLLOW METAL DOOR PANEL**
6'-8" Door w/ Lever Lock

HARDWARE TABLE	
MANUFACTURER	MODEL
DOREX	LEVER LOCK: GX1 SERIES - GRADE 1



2
2 **VERTICAL CROSS SECTION**

STEEL DOOR SKIN: 20 GA. (MIN. 0.032" THK.) GALV. STEEL)
CORE MATERIAL: EPS FOAM (HONEYCOMB)

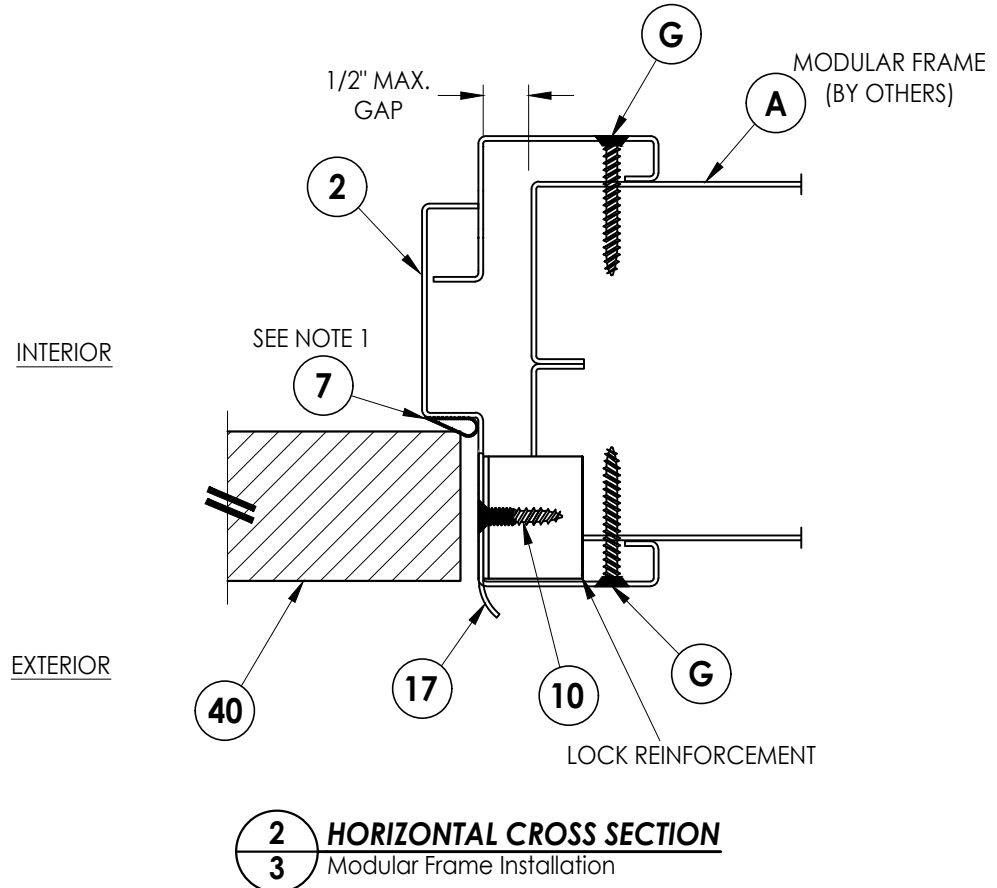
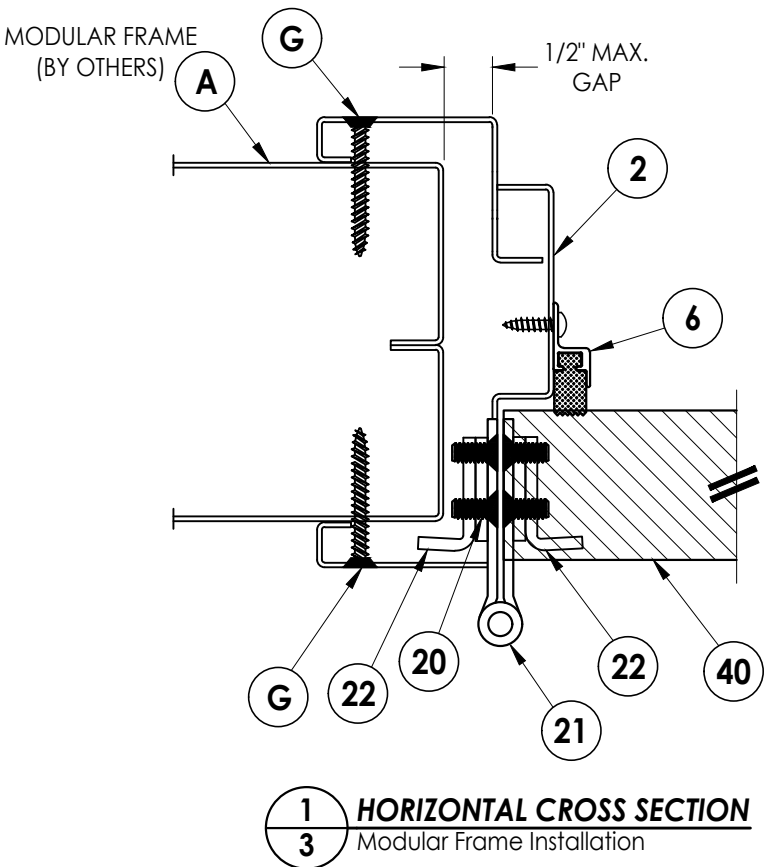
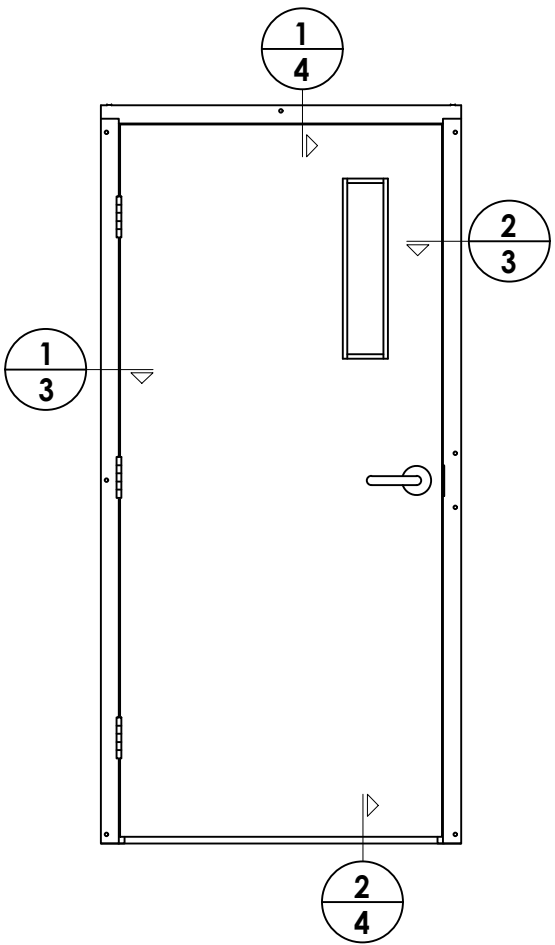
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT:	VISION HOLLOW METAL
PART OR ASSEMBLY:	DOOR PANEL DETAILS

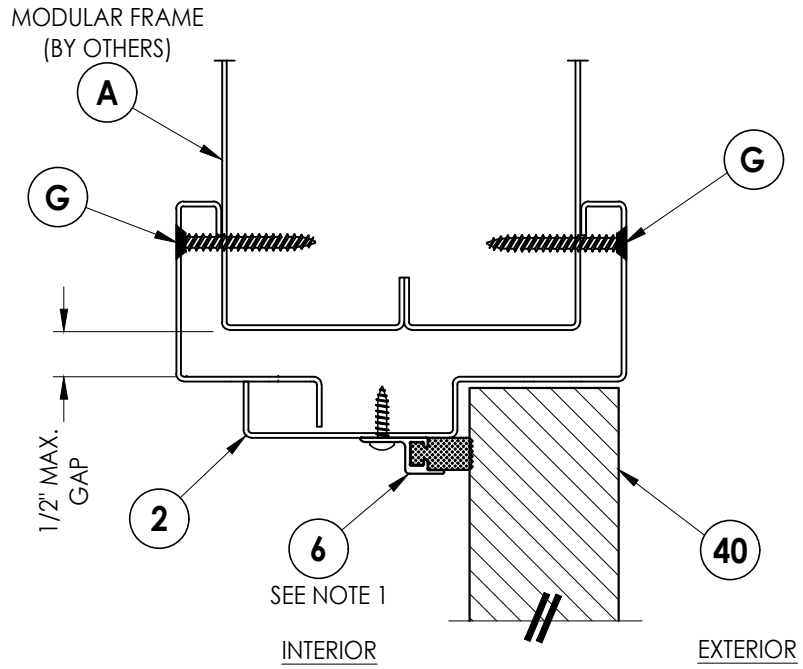
NO.	DATE	REVISIONS
1	7/05/23	UPDATE TO 8TH ED. (2023) FBC
		LFS
		BY

DATE: 10/11/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-19036.10
SHEET 2 OF 6



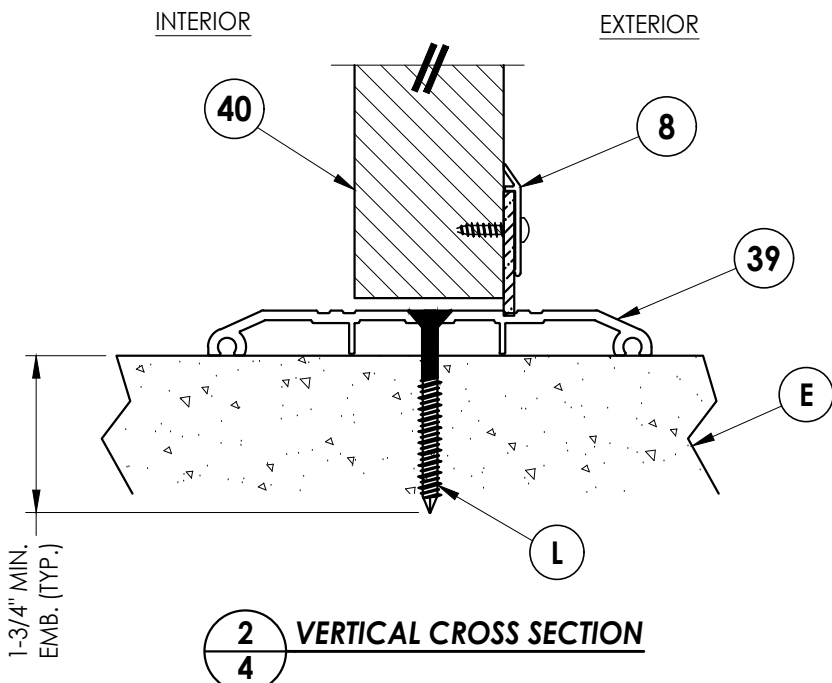
NOTE:
1. OPTIONAL PERIMETER SEAL OR WEATHERSTRIP

[illegible]



1 VERTICAL CROSS SECTION

4 Modular Frame Installation



2 VERTICAL CROSS SECTION
4

NOTE:

- ## 1. OPTIONAL PERIMETER SEAL OR WEATHERSTRIP

[illegible]

DATE: 10/11/22

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.:

FL-19036.1C

SHEET 4 OF 6

PRODUCT:

VISION HOLLOW METAL

PART OR ASSEMBLY:

VERTICAL CROSS SECTIONS

Documents Prepared By:

P.E. No. 43409

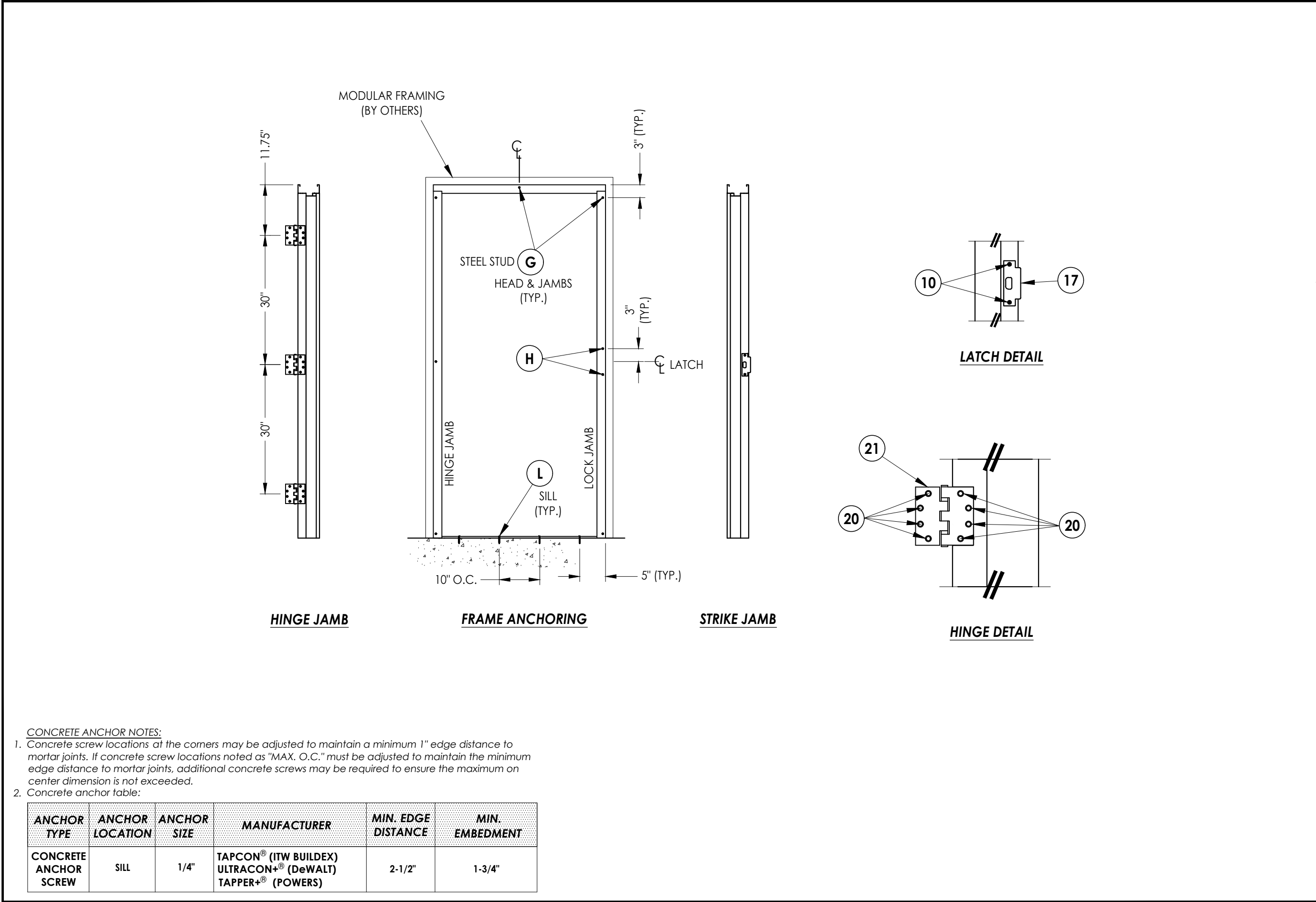
Building Consultants, Inc.

Phone No.: 813.659.9197

Phone No.: 813.659.9197

Phone No.: 813.659.9191

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CONCRETE ANCHOR NOTES:

- Concrete screw locations at the corners may be adjusted to maintain a minimum 1" edge distance to mortar joints. If concrete screw locations noted as "MAX. O.C." must be adjusted to maintain the minimum edge distance to mortar joints, additional concrete screws may be required to ensure the maximum on center dimension is not exceeded.
- Concrete anchor table:

ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT
CONCRETE ANCHOR SCREW	SILL	1/4"	TAPCON® (ITW BUILDEX) ULTRACON+® (DeWALT) TAPPER+® (POWERS)	2-1/2"	1-3/4"

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: VISION HOLLOW METAL		PART OR ASSEMBLY: FRAME ANCHORING	
		REVISIONS	
		1 7/05/23 UPDATE TO 8TH ED. (2023) FBC	
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		BY	
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SHEET 5 OF 6			

