

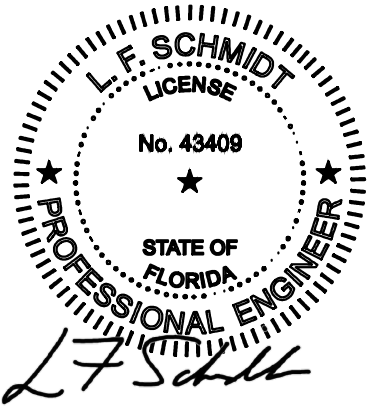
Vision Hollow Metal Limited

400 Zenway Blvd. Unit #1
Woodbridge, ON L4H OS7

LS18 STEEL SINGLE &
DOUBLE DOORS
GLAZED
OUTSWING
"IMPACT"

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



Digitally signed by
Lyndon F Schmidt
Date: 2026.04.29
16:32:06 -04'00'

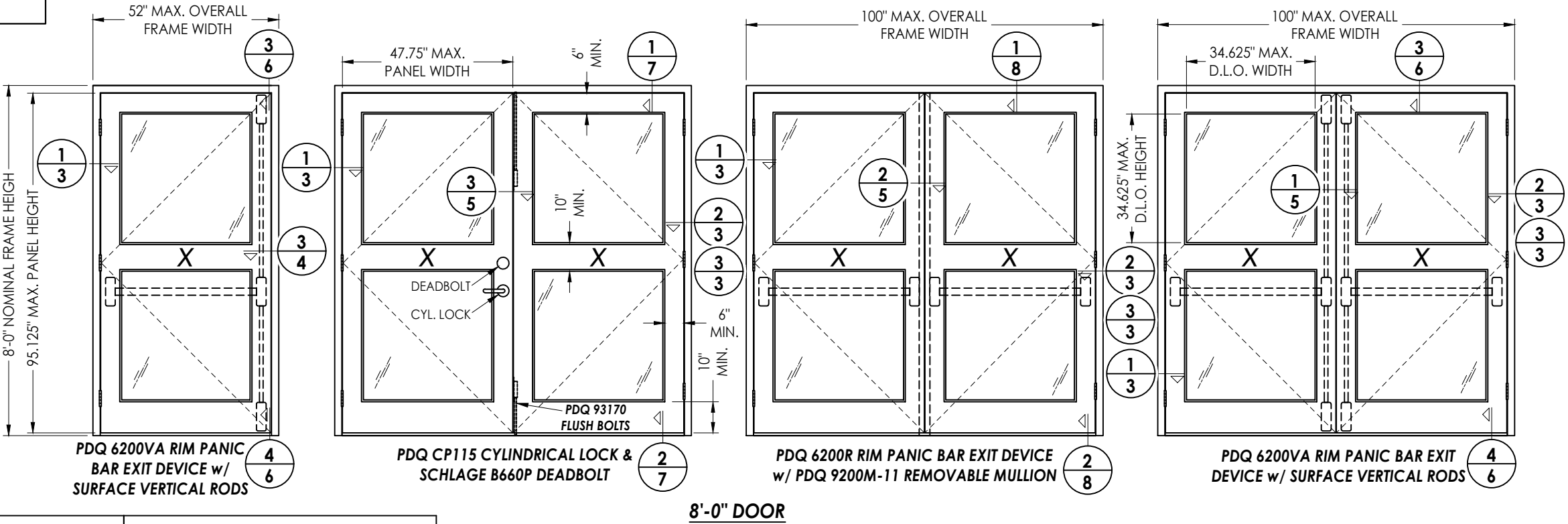
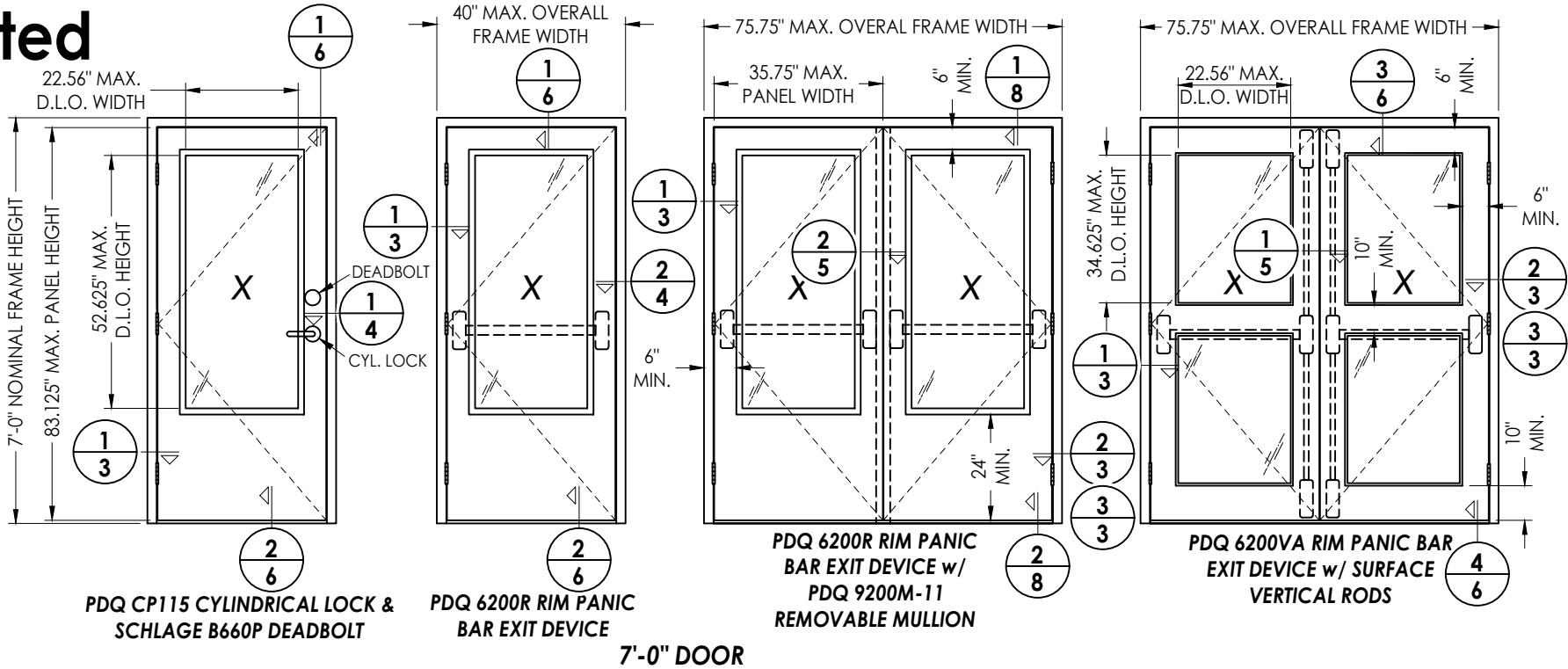


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8	Vertical cross sections		

CONFIG.	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
X	52.0" x 97.75"	+65.0	-65.0
XX	100.0" x 97.75"	+65.0	-65.0

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

PRODUCT:
LS18 STEEL DOOR

PART OR ASSEMBLY:
TYPICAL ELEVATIONS &
DESIGN PRESSURES

DATE: 4/29/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

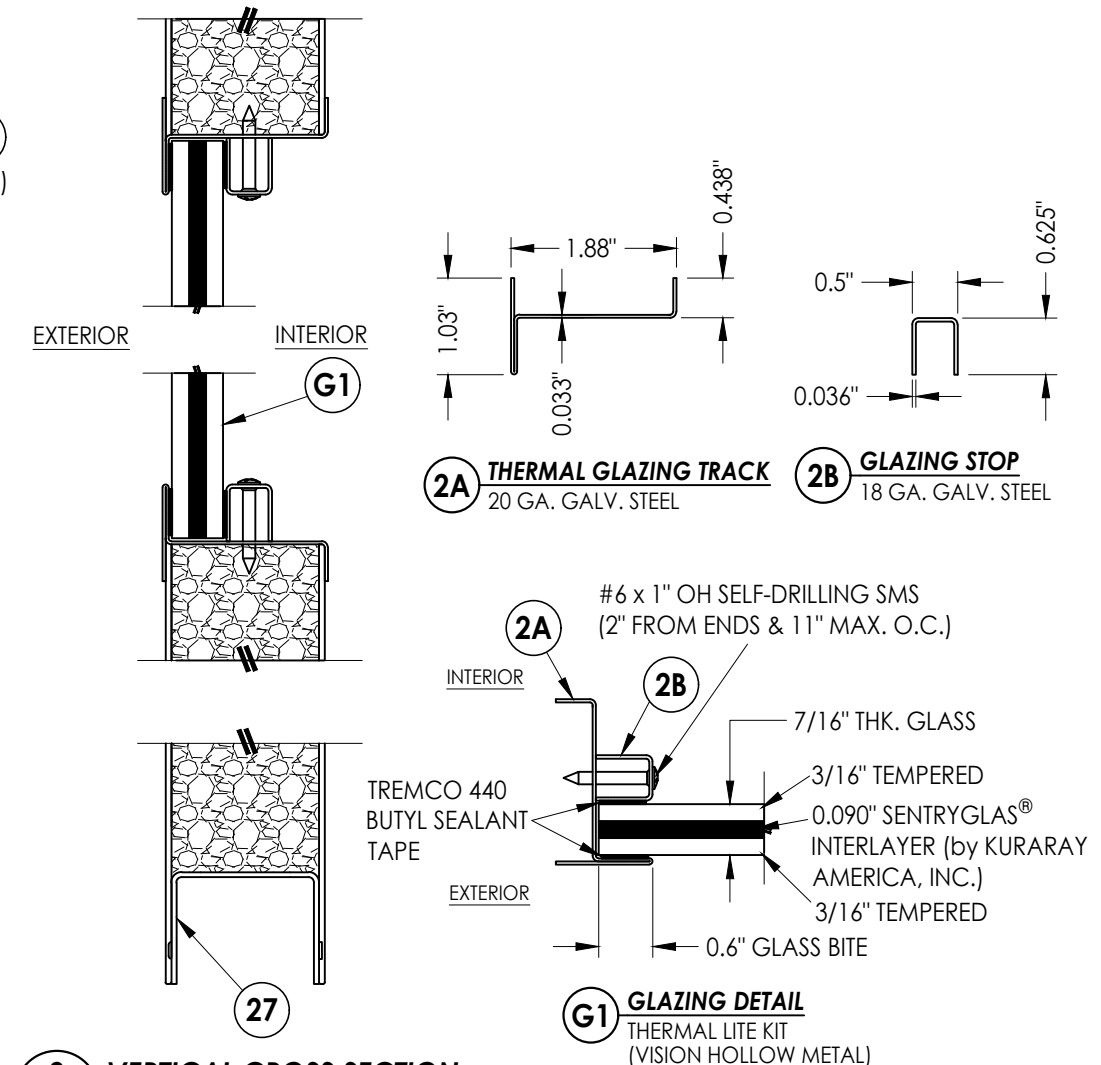
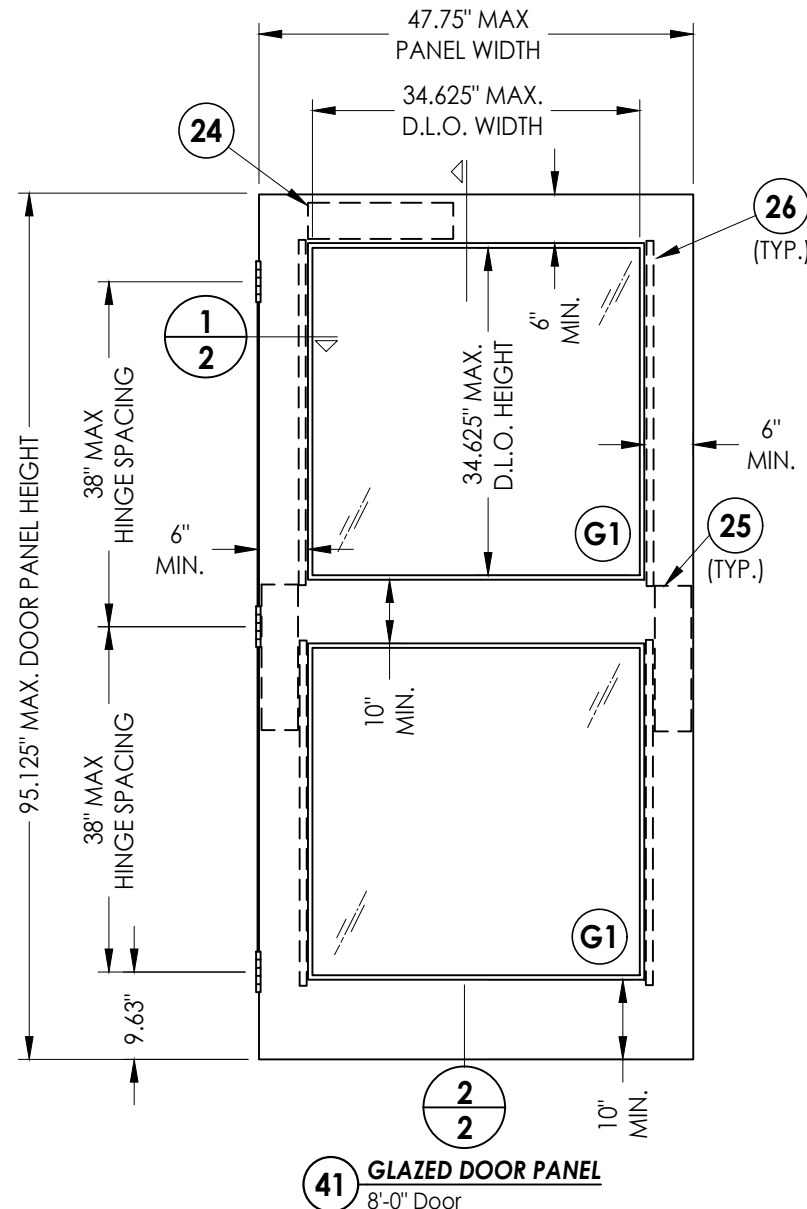
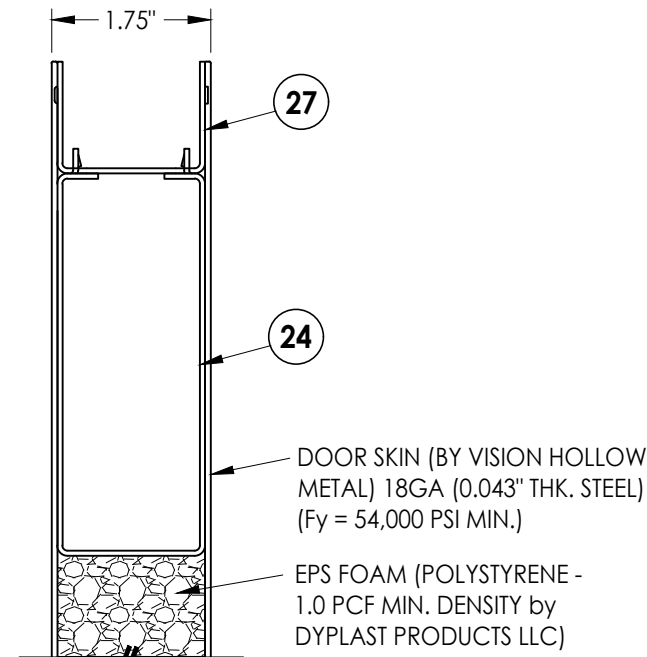
DRAWING NO.: FL-48188.1

SHEET 1 OF 15

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

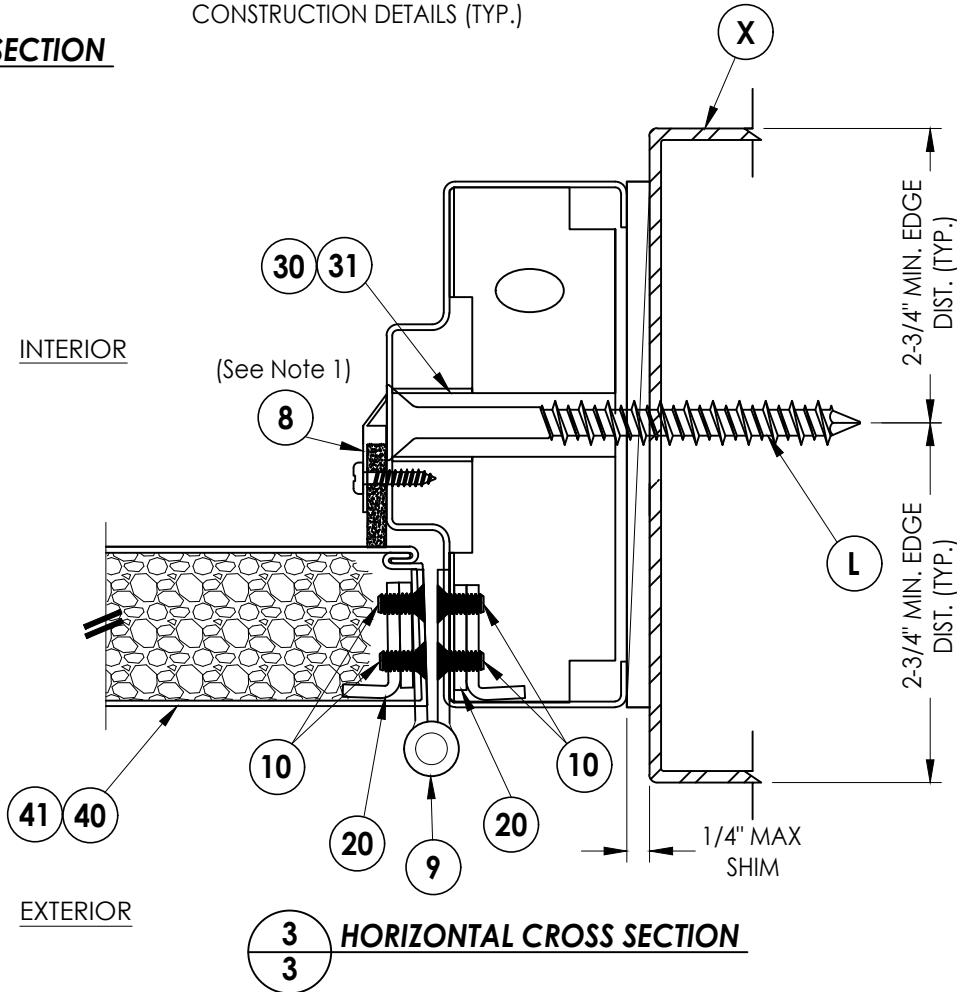
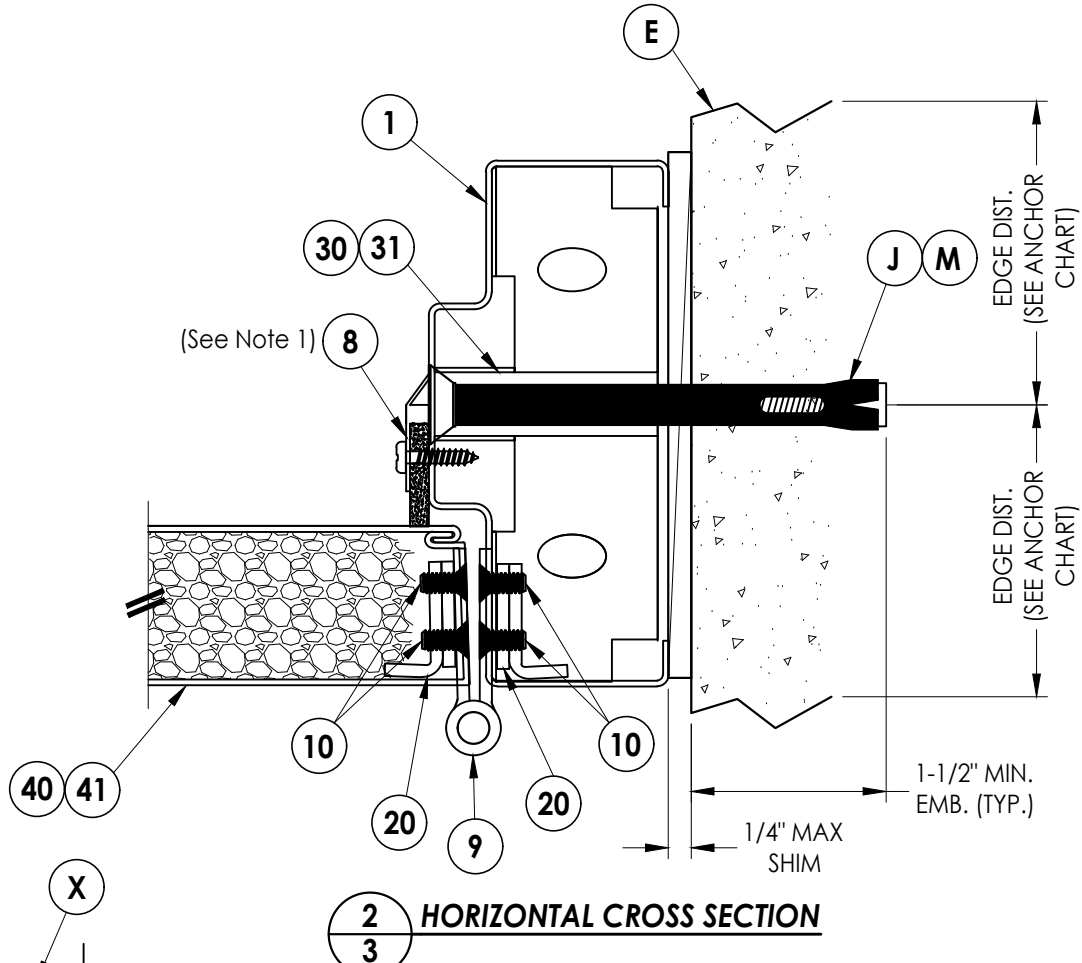
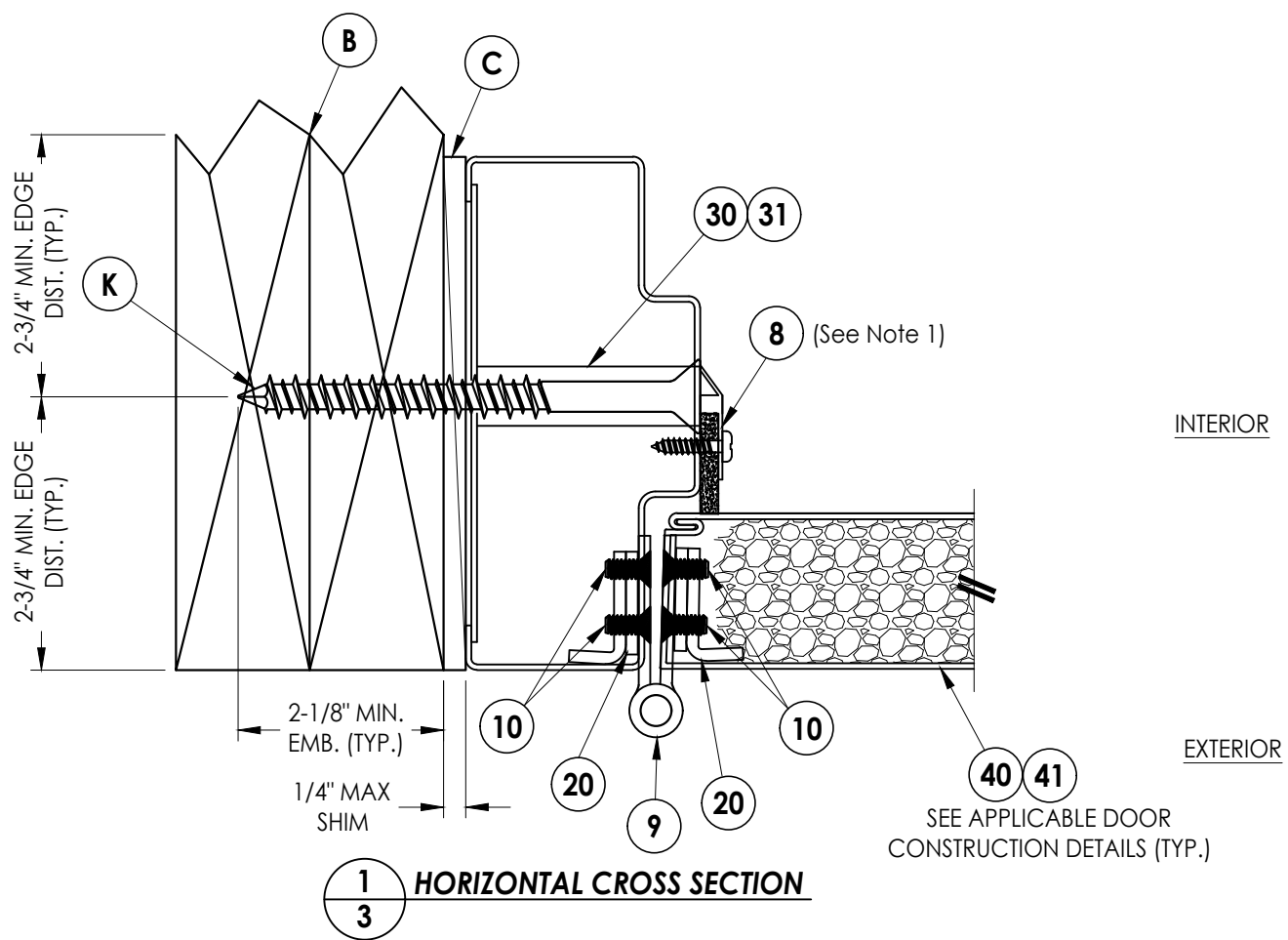
REVISIONS

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements for 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 FBC and does not require an impact resistant covering.
4. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
5. This product meets water infiltration requirements for the "HVHZ".
6. All steel shall be protected as specified in Section 2222.6 of the FBC.



DATE: 4/29/26													
SCALE: N.T.S.													
DWG. BY: LFS													
CHK. BY: RW													
DRAWING NO.: FL-48188.1													
SHEET 2 OF 15													

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Note:
1. Frame weatherstrip attached w/ #6 X 5/8" PH SMS located 2" from ends & 8" max. o.c. thereafter.

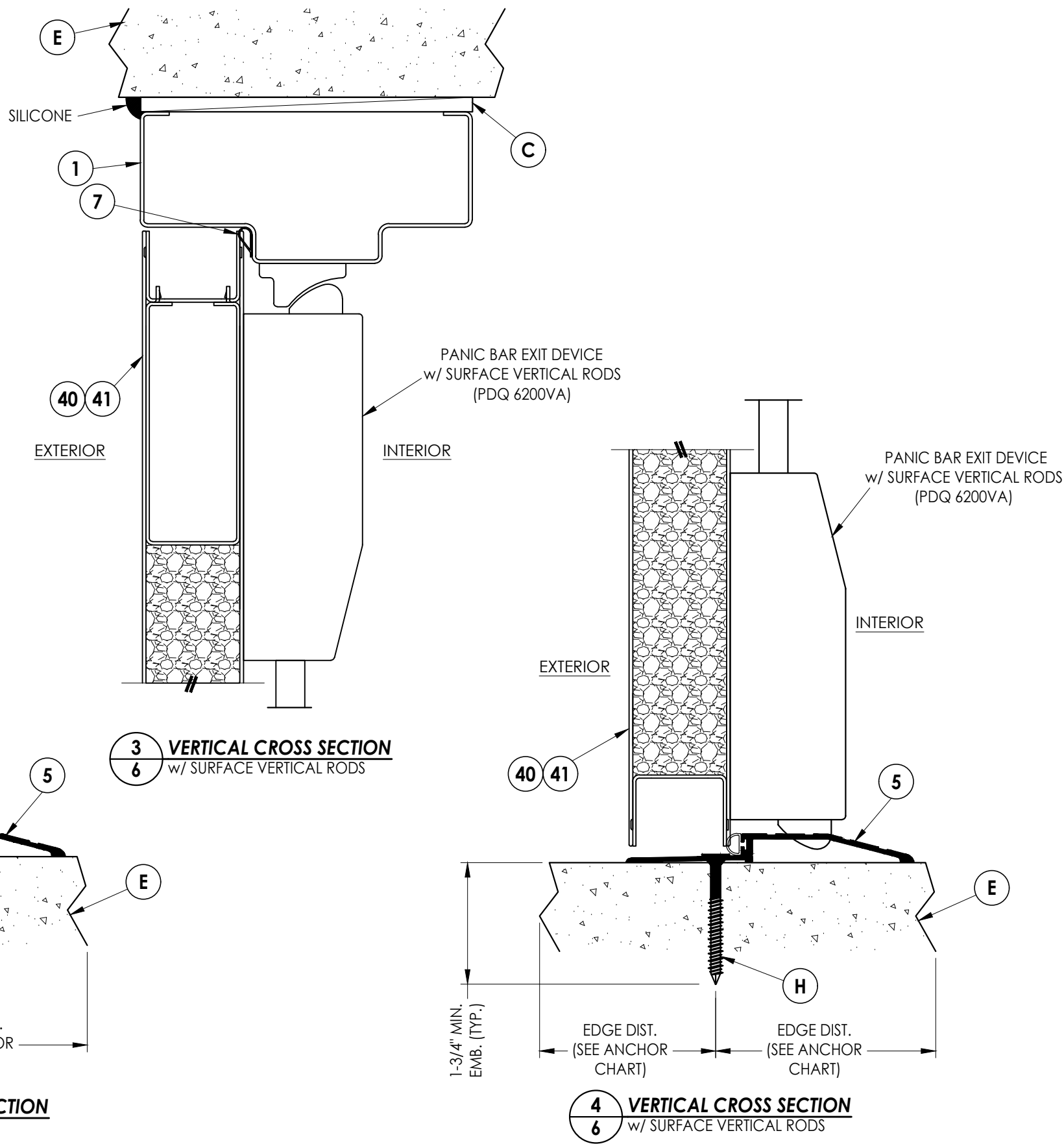
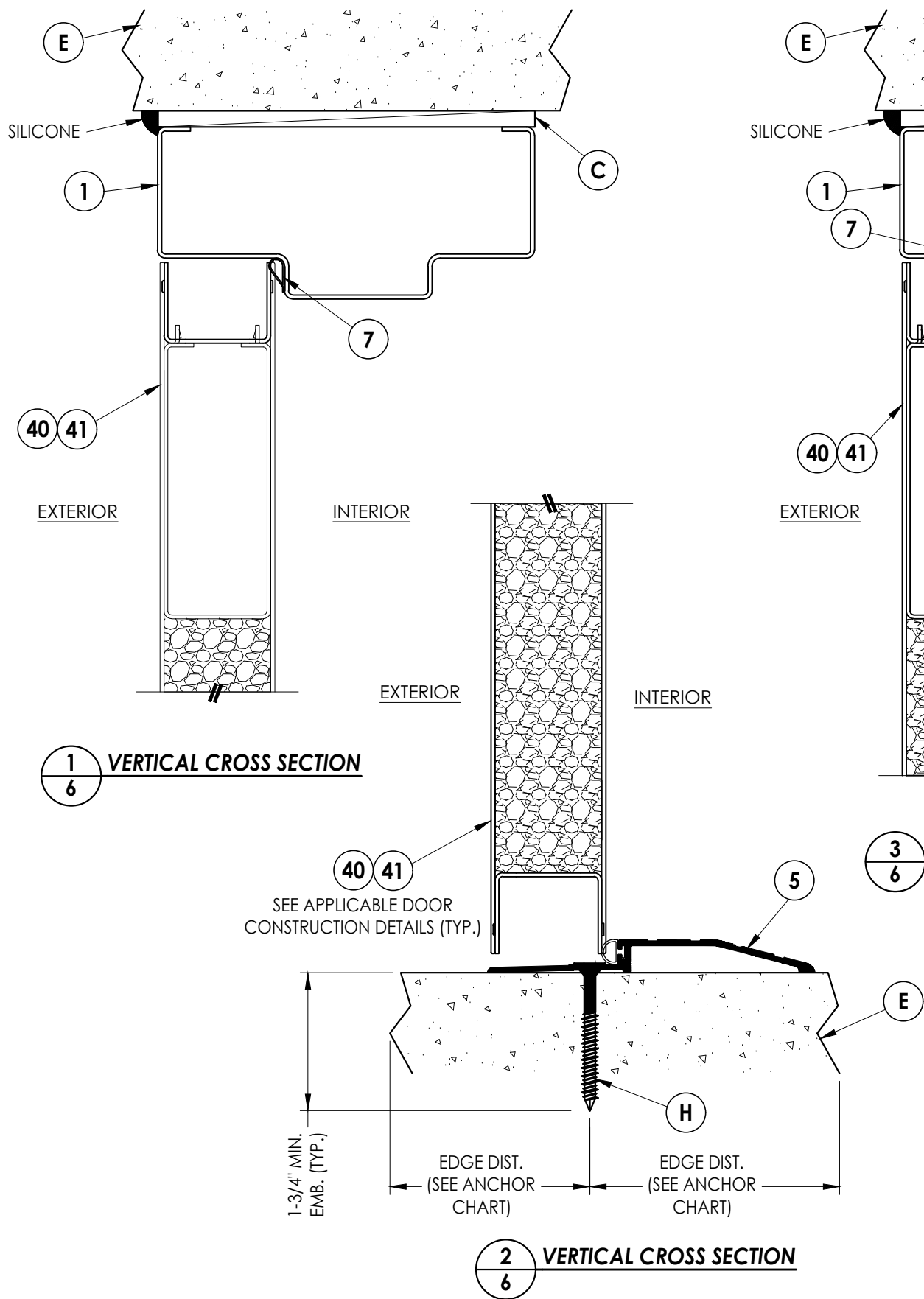
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
PRODUCT: LS18 STEEL DOOR		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
DATE: 4/29/26		REVISIONS	
SCALE: N.T.S.		BY	
DWG. BY: LFS		NO.	
CHK. BY: RW		DATE	
DRAWING NO.: FL-48188.1			
SHEET 3 OF 15			

1. Frame weatherstrip attached w/ #6 X 5/8" PH SMS located 2" from ends & 8" max. o.c. thereafter.

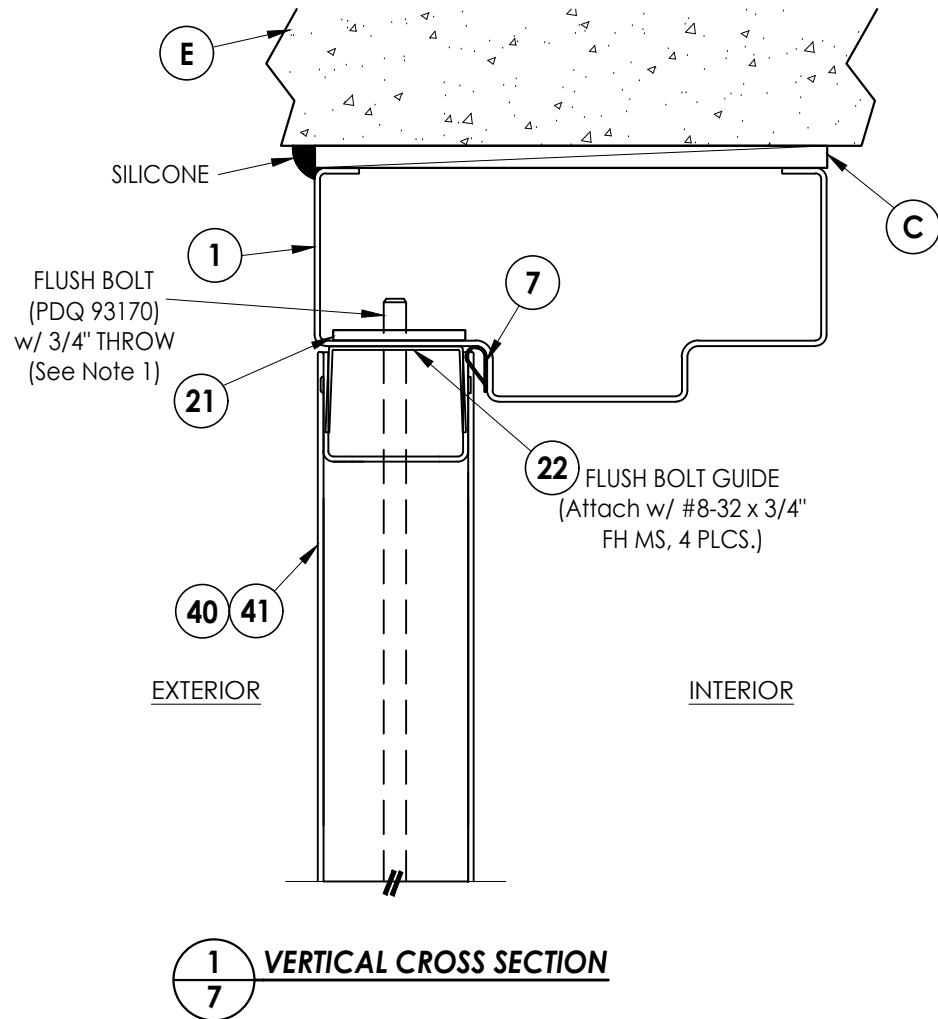
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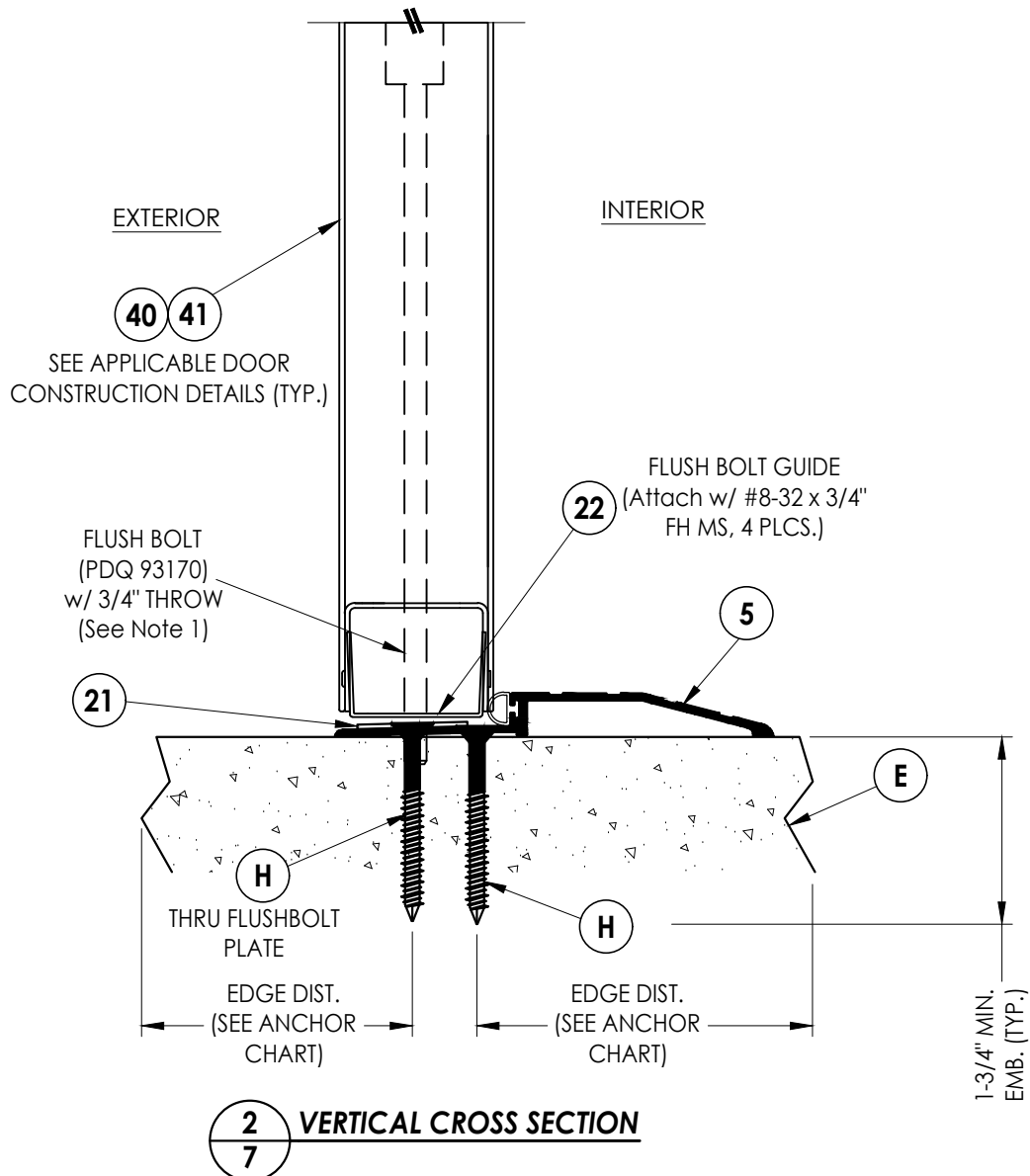
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Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409				BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813			
PRODUCT: LS18 STEEL DOOR				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS			
DATE: 4/29/26							
SCALE: N.T.S.							
DWG. BY: LFS							
CHK. BY: RW							
DRAWING NO.: FL-48188.1							
SHEET 6 OF 15				REVISIONS			

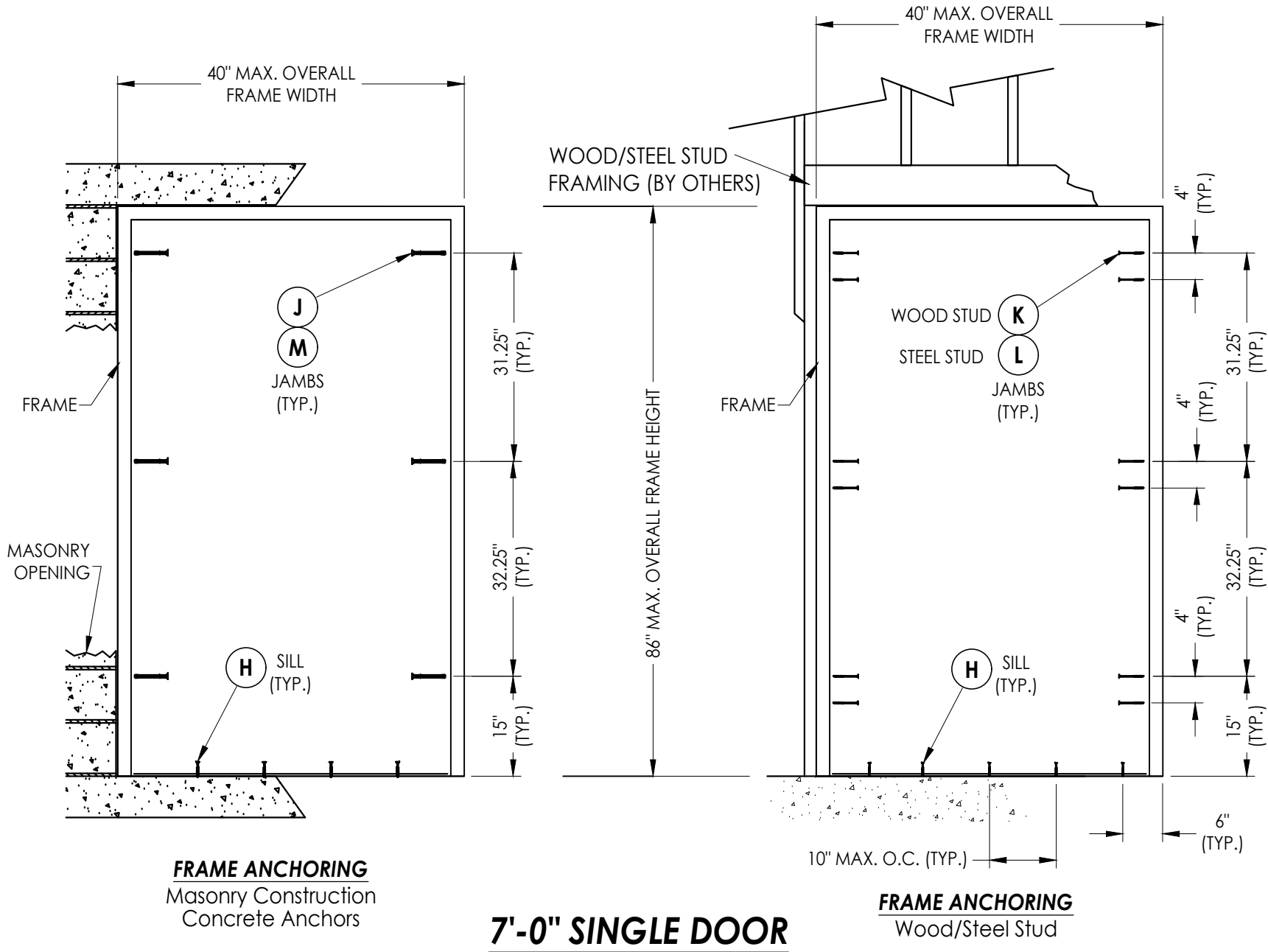


Note:
1. Flush Bolt required w/ Cylindrical Lock & Deadbolt only.



DATE: 4/29/26		PRODUCT: LS18 STEEL DOOR		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS		<i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry License No. 9813	
DWG. BY: LFS					
CHK. BY: RW					
DRAWING NO.: FL-48188.1					
SHEET 7 OF 15					
NO. DATE		BY		REVISIONS	

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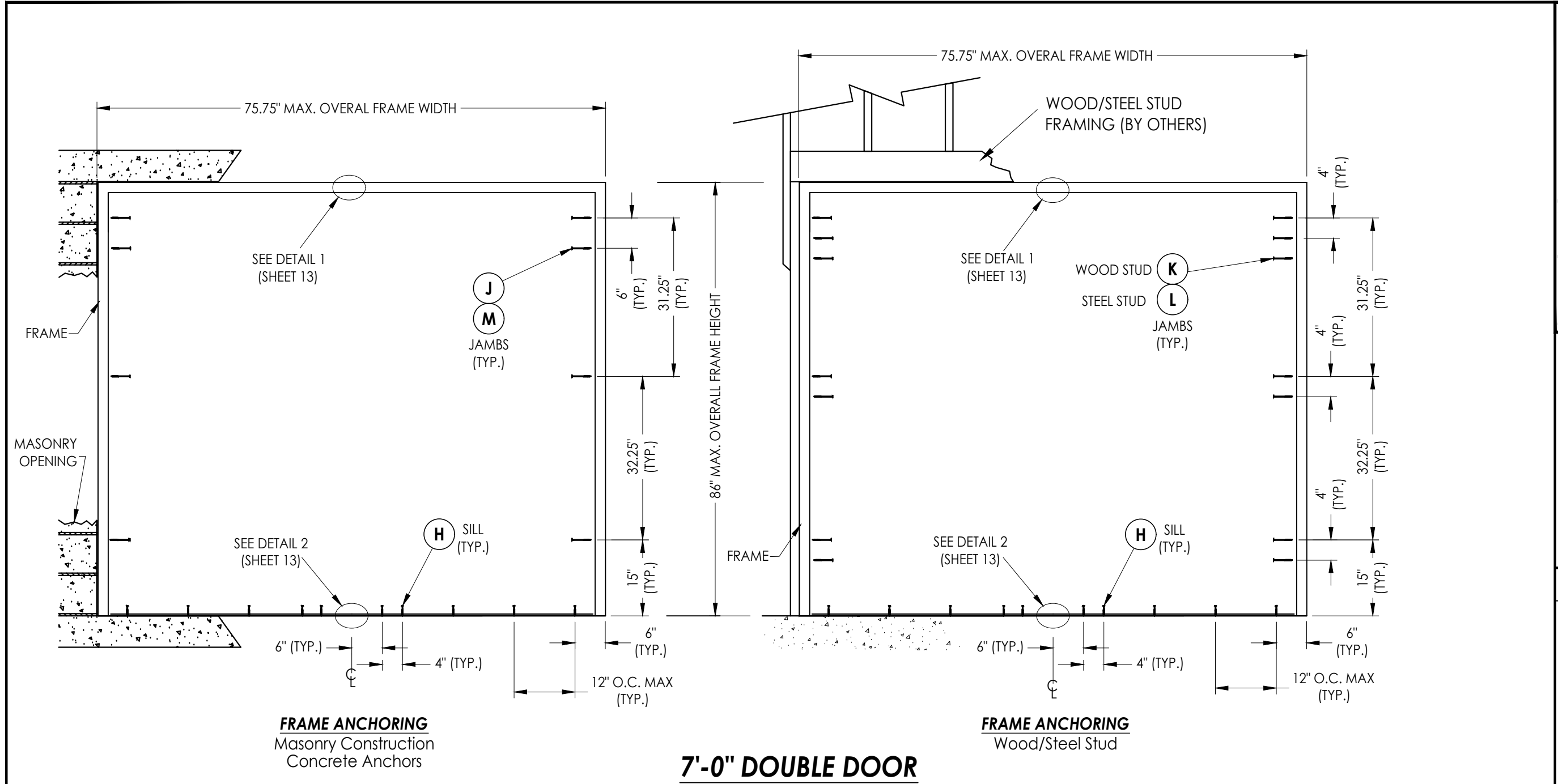
CONCRETE ANCHOR NOTES:

- 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	JAMBS	3/8"	LDT TAPCON® (ITW BUILDEX)	3"	1-1/2"
	SILL	1/4"	ULTRACON+® (DeWALT)	2-1/2"	1-3/4"
CONCRETE SLEEVE ANCHOR	JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR® (ITW REDHEAD)	2-1/4"	1-1/2"

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PRODUCT: LS18 STEEL DOOR		PART OR ASSEMBLY: FRAME ANCHORING X (7'-0" DOOR)	
NO.		DATE	BY
REVISIONS			
DATE: 4/29/26			
SCALE: N.T.S.			
DWG. BY: LFS			
CHK. BY: RW			
DRAWING NO.: FL-48188.1			
SHEET 9 OF 15			

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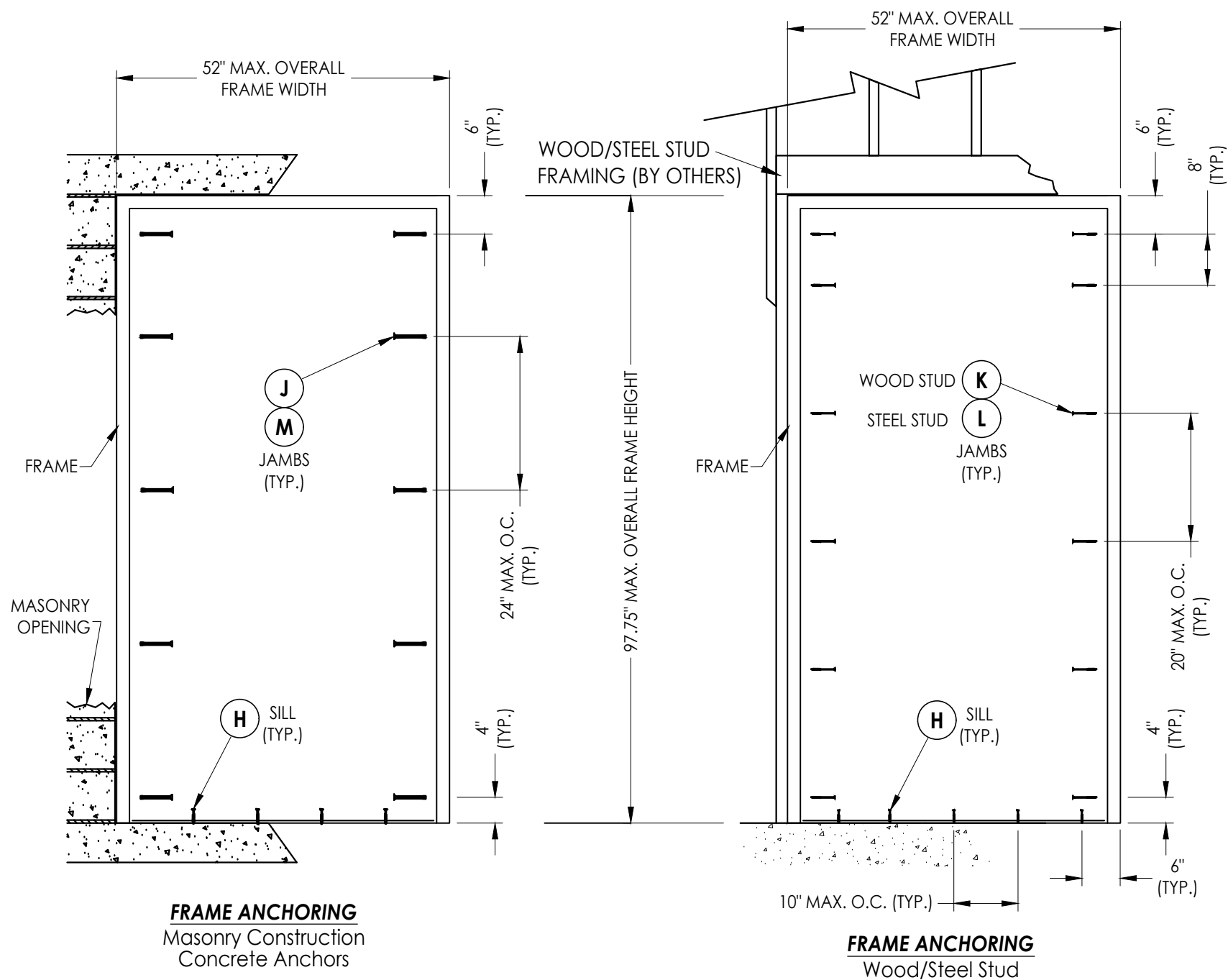


CONCRETE ANCHOR NOTES:

- 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.
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ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT
CONCRETE ANCHOR SCREW	JAMBS	3/8"	LDT TAPCON® (ITW BUILDEX)	3"	1-1/2"
	SILL	1/4"	ULTRACON+® (DeWALT)	2-1/2"	1-3/4"
CONCRETE SLEEVE ANCHOR	JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR® (ITW REDHEAD)	2-1/4"	1-1/2"

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PRODUCT: LS18 STEEL DOOR		PART OR ASSEMBLY: FRAME ANCHORING XX (7'-0" DOOR)	
</			



8'-0" SINGLE DOOR

CONCRETE ANCHOR NOTES:

1. 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.
2. Concrete anchor table:

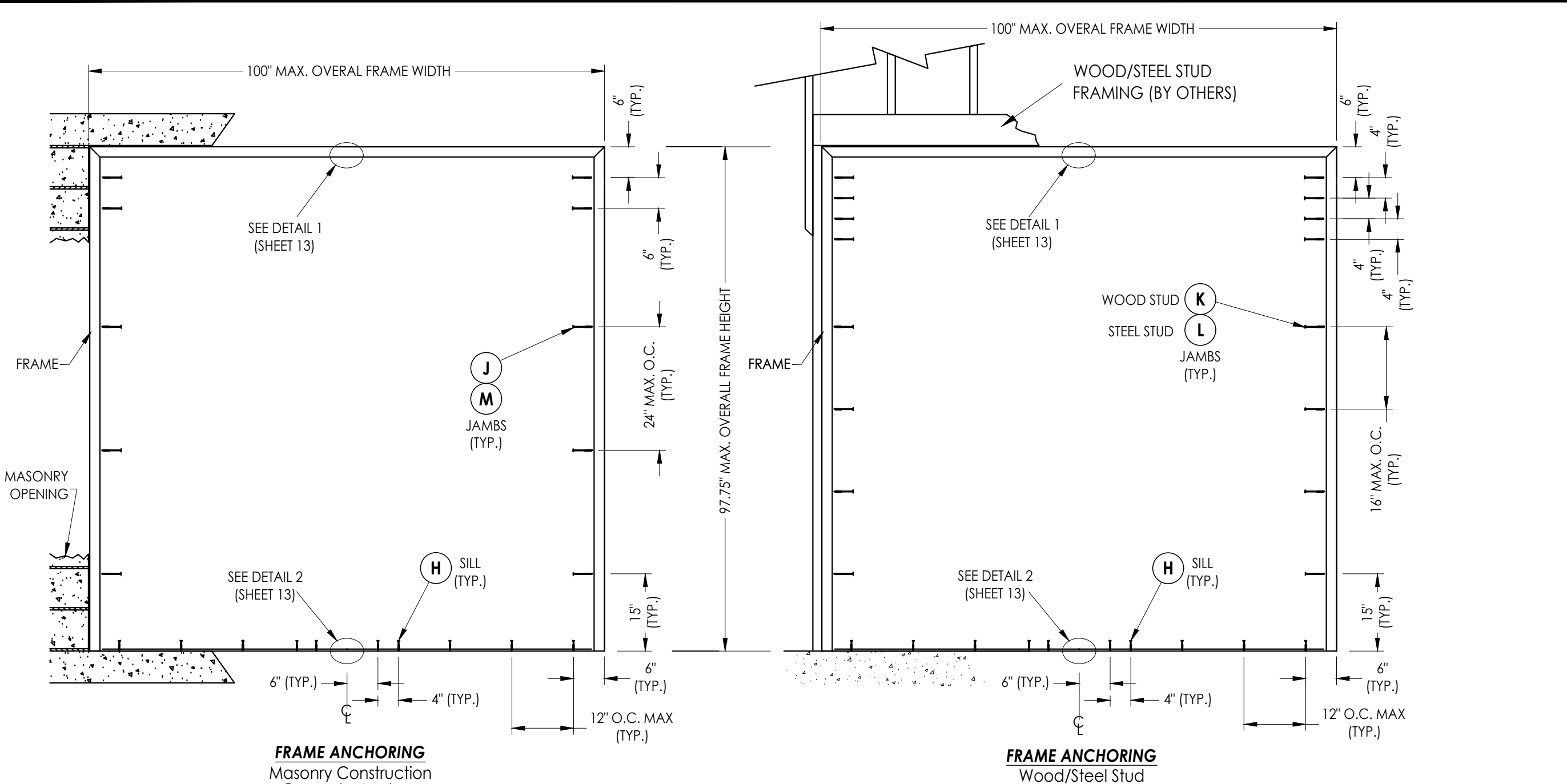
ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT
CONCRETE ANCHOR SCREW	JAMBS	3/8"	LDT TAPCON® (ITW BUILDEX)	3"	1-1/2"
	SILL	1/4"	ULTRACON+® (DeWALT)	2-1/2"	1-3/4"
CONCRETE SLEEVE ANCHOR	JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR® (ITW REDHEAD)	2-1/4"	1-1/2"

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Documents Prepared By:
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P.E. No. 43409

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8'-0" DOUBLE DOOR

CONCRETE ANCHOR NOTES:

- 1. 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.
- 2. Concrete anchor table:

ANCHOR TYPE	ANCHOR LOCATION	ANCHOR SIZE	MANUFACTURER	MIN. EDGE DISTANCE	MIN. EMBEDMENT
CONCRETE ANCHOR SCREW	JAMBS	3/8"	LDT TAPCON® (ITW BUILDEX)	3"	1-1/2"
	SILL	1/4"	ULTRACON+® (DeWALT)	2-1/2"	1-3/4"
CONCRETE SLEEVE ANCHOR	JAMBS	3/8"	DYNABOLT SLEEVE ANCHOR® (ITW REDHEAD)	2-1/4"	1-1/2"

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

LS18 STEEL DOOR

DATE: 4/29/26

SCALE: N.T.S.

DWG. BY: LFS

CHK. BY: RW

DRAWING NO.: FL-48188.1

SHEET 12 OF 15

Part or Assembly:
FRAME ANCHORING
XX (8'-0" DOOR)

NO. DATE

REVISIONS

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A diagram showing a rectangular box resting on a horizontal surface. Callout 16 points to the left side of the box. Callout 21 points to the right side of the box. A dashed vertical line with a 'C' at the top is positioned behind the box. The box has a small square on its top surface and two small circles on its bottom surface. The surface is represented by several horizontal lines, with break symbols (double parallel lines) on the left and right sides.

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

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