

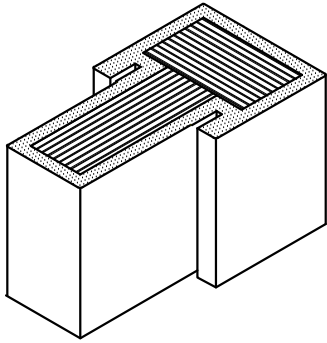


"BMI Frame"
Continuous Head & Sill System
(Utilizing Composite Components)
INSWING / OUTSWING
"NON-IMPACT"

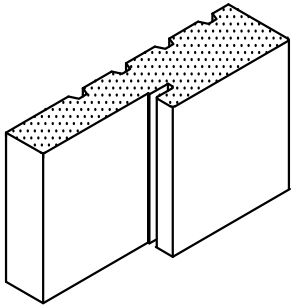
GENERAL NOTES

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. This "NON-IMPACT" door jamb & mullion, as components, are to be used in combination as a substitute for a similar door jamb & mullion in a non-impact approved door system possessing a current Florida Statewide Product Approval (excluding the "HVHZ").
5. The design pressure of the assembly shall be the lesser of the design pressure for the door assembly shown in this approval or the design pressure of the door assembly used in conjunction with this approval.
6. The maximum frame size of the door assembly shall be lesser of the maximum frame size stated in this approval or the maximum frame size of the door assembly approval used in conjunction with this approval.
7. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
8. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

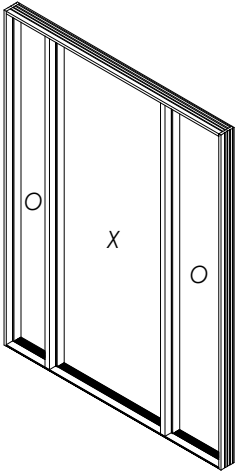
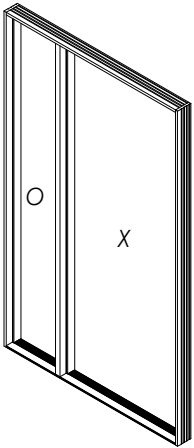
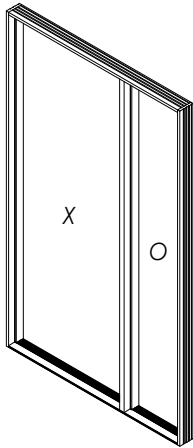
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5	Horizontal & Vertical Cross Sections (Dir. to Masonry)	10	Bill of Materials & Components



BMI Frame
Mullion

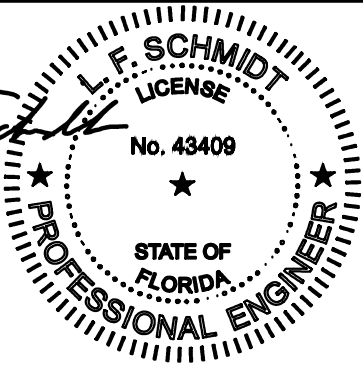


BMI Frame
Head & Side Jamb



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
OX, XO	53.0" x 81.5"	+60.0	-65.0	+60.0	-60.0
OXO	68.5" x 81.5"	+60.0	-65.0	+60.0	-60.0

Digitally signed
by Lyndon F
Schmidt
Date: 2023.09.26
14:03:29 -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

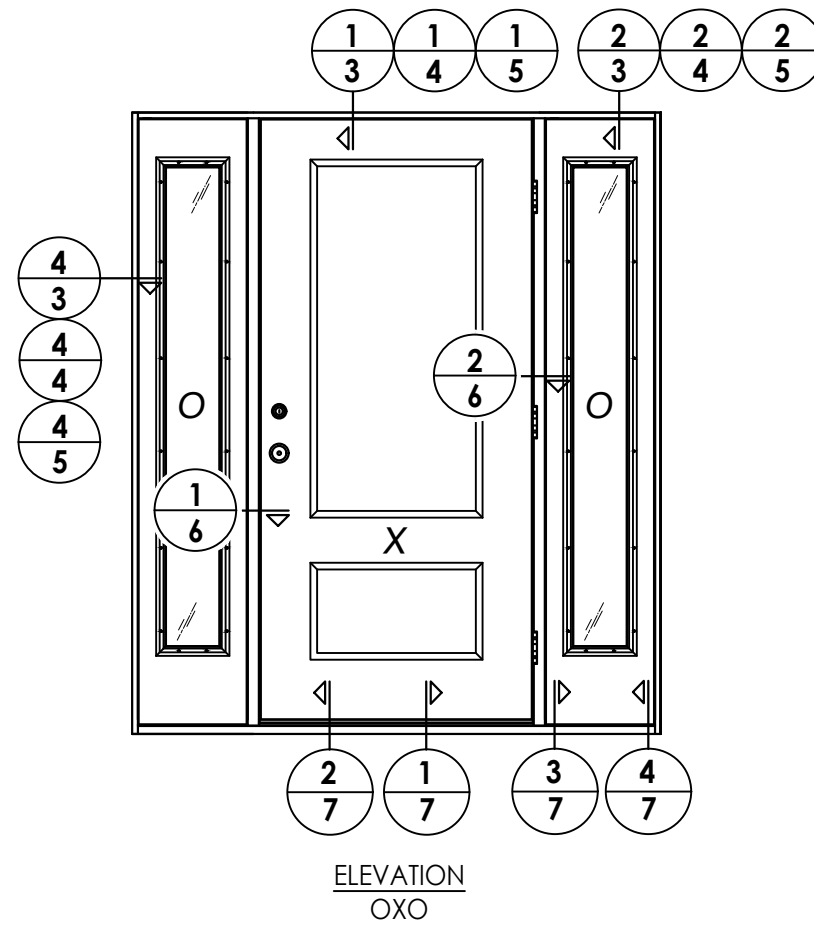
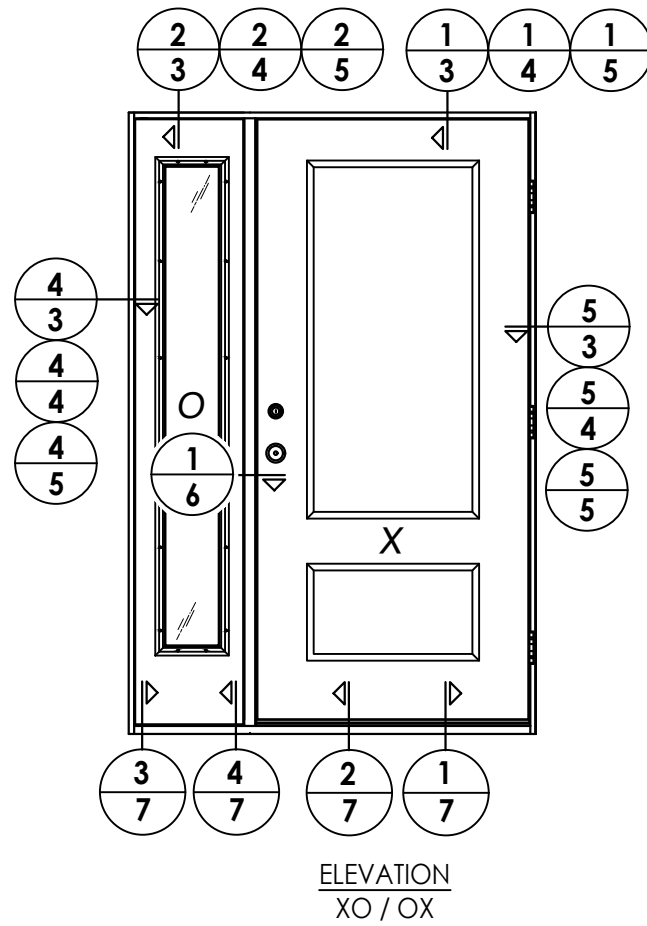
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

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

NO.	DATE	UPDATE TO 8TH ED. (2023) FBC	LFS BY
1	9/26/23		

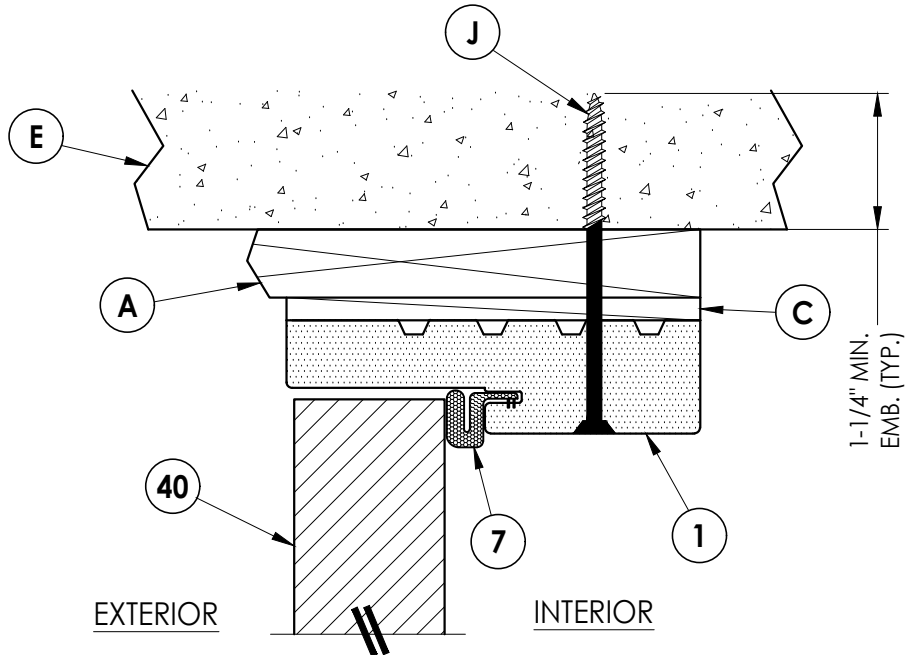
DATE: 7/05/22
SCALE: N.T.S.
DWG. BY: LFS
CHK. BY: RW
DRAWING NO.: FL-41560.2
SHEET 1 OF 10



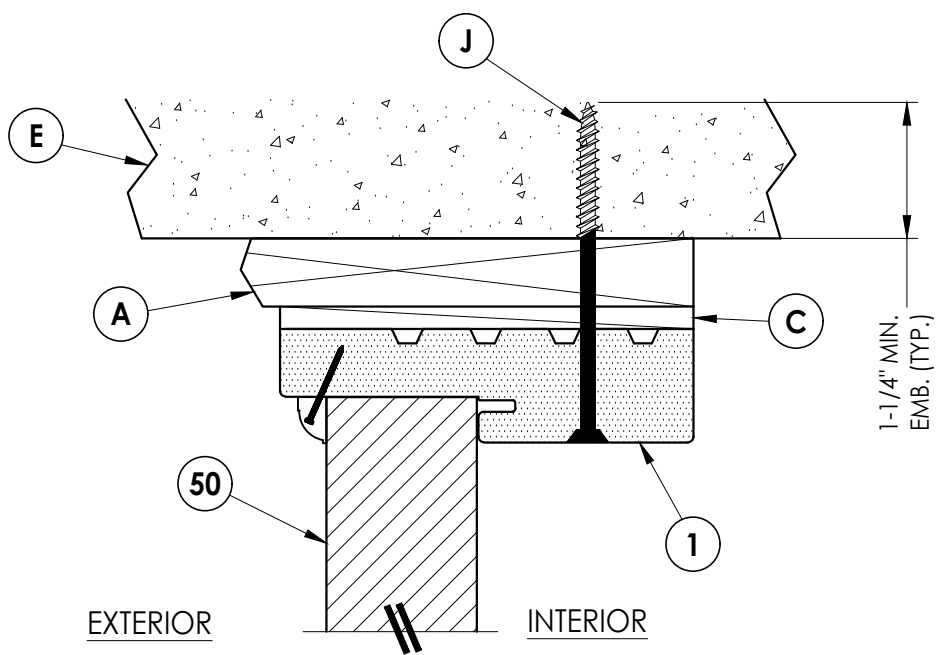
NOTE:
SEE SEPARATE SIDE-HINGED DOOR & SIDELITE
FLORIDA PRODUCT APPROVAL FOR DOOR & SIDELITE
CONSTRUCTION DETAILS NOT SHOWN, INCLUDING
LOCK HARDWARE, HINGE & THRESHOLD CONNECTIONS.

<u>PRODUCT:</u> BMI COMPONENTS		<u>PART OR ASSEMBLY:</u> ELEVATIONS		R^W BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
<u>DATE:</u> 7/05/22		<u>SCALE:</u> N.T.S.		<u>DWG. BY:</u> LFS	
<u>CHK. BY:</u> RW		<u>DRAWING NO.:</u> FL-41560.2		<u>SHEET</u> 2 <u>OF</u> 10	
<u>NO.</u>		<u>DATE</u>		<u>REVISIONS</u>	
1		9/26/23		UPDATE TO 8TH ED. (2023)	
LFS		FBC		BY	

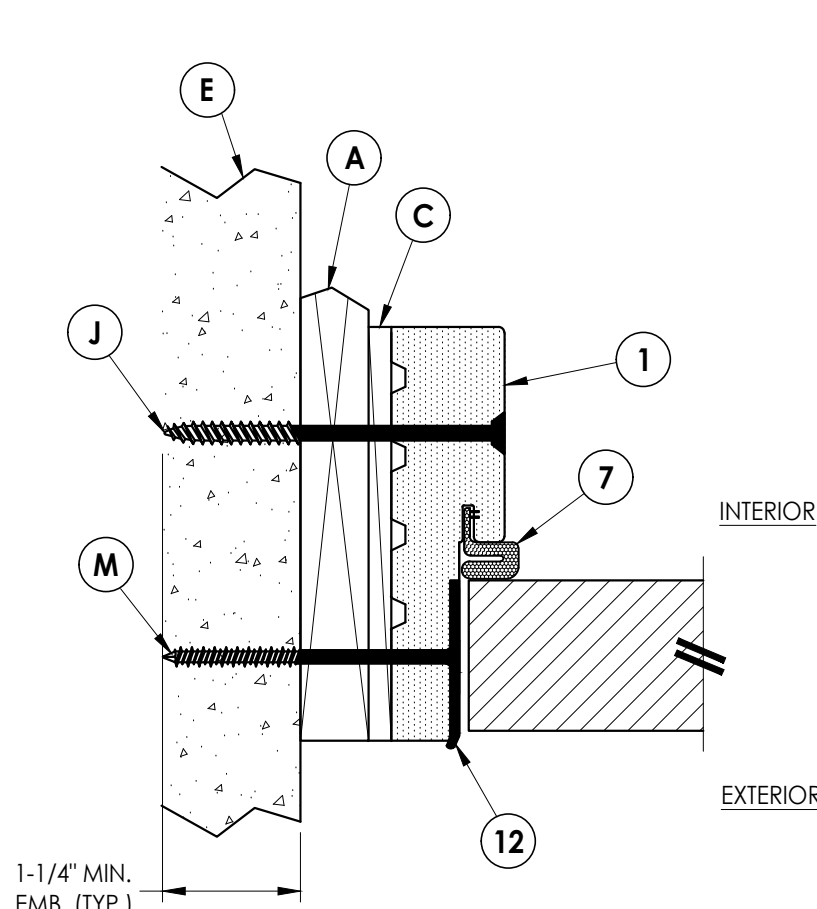
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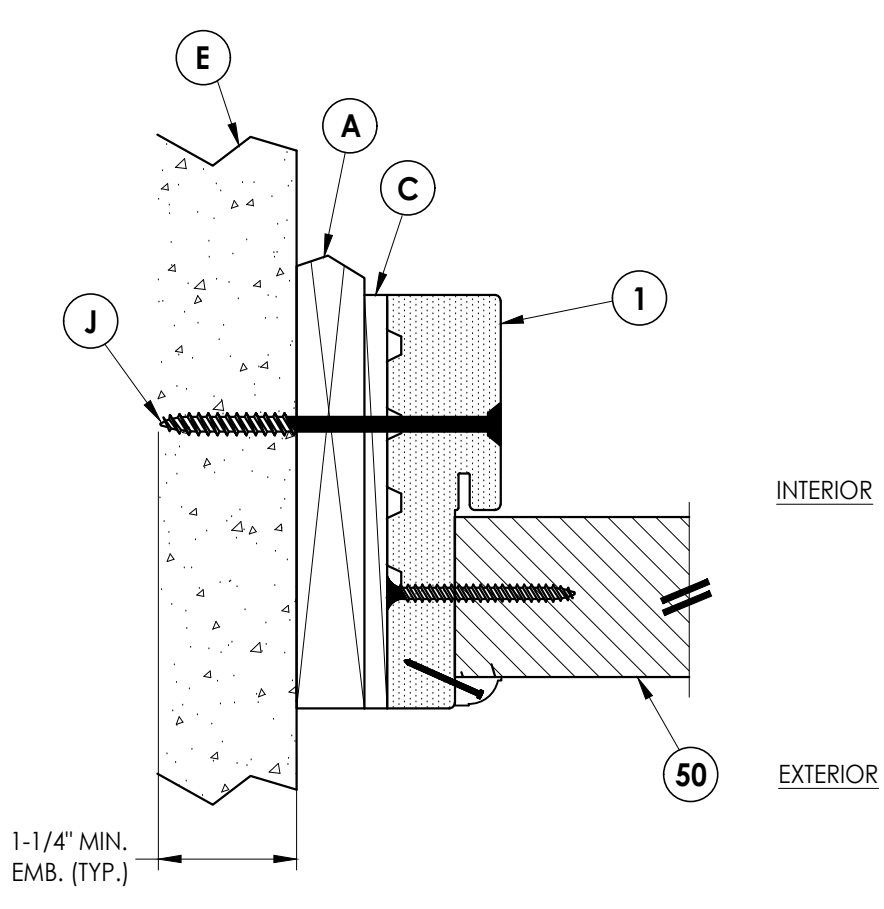
1
4 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



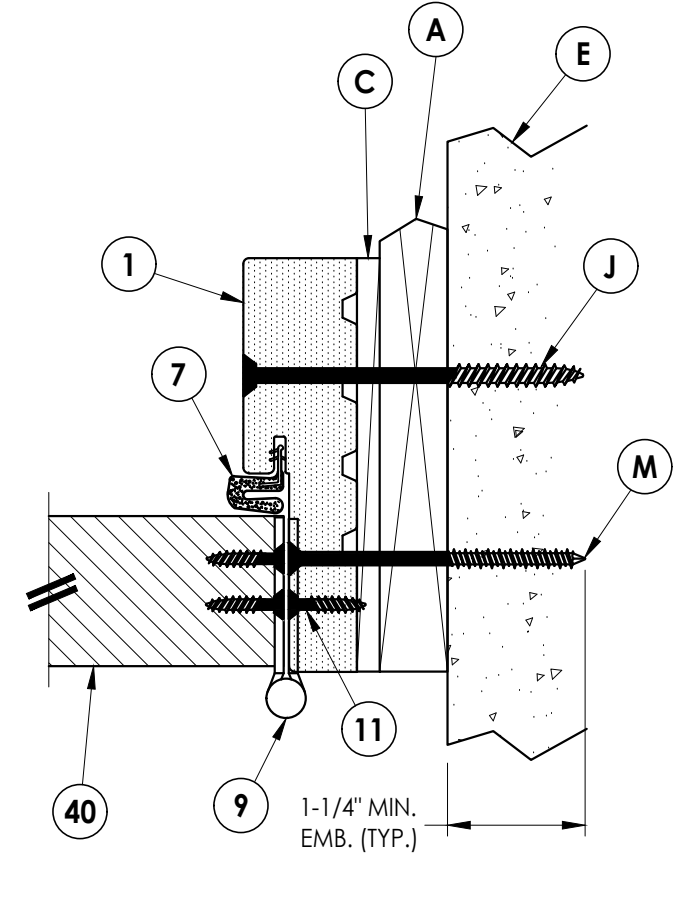
2
4 **VERTICAL CROSS SECTION**
Outswing shown (Inswing similar)



3
4 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



4
4 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)



5
4 **HORIZONTAL CROSS SECTION**
Outswing shown (Inswing similar)

Documents Prepared By:
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Phone No.: 813.659.9197
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PRODUCT:	
BMI COMPONENTS	
PART OR ASSEMBLY:	
HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	

REVISIONS	
NO.	DATE
1	9/26/23
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DATE:	7/05/22
SCALE:	N.T.S.
DWG. BY:	LFS
CHK. BY:	RW
DRAWING NO.:	FL-41560.2
SHEET	4 OF 10

A detailed cross-section diagram of a parapet wall assembly. The diagram is divided into two main sections: 'EXTERIOR' on the left and 'INTERIOR' on the right. The exterior side shows a sloped concrete or masonry wall (labeled '50') with a hatched pattern. The interior side shows a vertical concrete or masonry wall (labeled '1') with a stippled pattern. A horizontal concrete or masonry slab (labeled 'D') sits on top of the interior wall. A vertical reinforcement bar (labeled 'C') passes through the slab and the interior wall. A horizontal reinforcement bar (labeled 'E') is shown in the exterior wall. A vertical dimension line on the right indicates a height of '1-1/4" MIN. EMB. (TYP.)'.

1-1/4" MIN.
EMB. (TYP.)

INTERIOR

EXTERIOR

E

C

D

1

50

INTERIOR

EXTERIOR

1-1/4" MIN.
EMB. (TYP.)

Technical drawing of a wall anchor assembly showing a cross-section of a wall with various components labeled with circled numbers and letters. The assembly includes a base plate (40), a wall anchor (7), a nut (11), a washer (9), and a sleeve (1). The wall is shown with a break line (E) and a section line (D). A dimension line indicates a minimum distance of 1-1/4 inches from the edge of the wall to the center of the anchor. The text "EMB. (TYP.)" is present, indicating the anchor is embedded in the wall.

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1. Sidelite assembly screws located @ 3" & 19" from each end of mullion (4 total).



DATE: 7/05/22

SCALE: N.T.S.

DWG. BY: LFS

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DRAWING NO.:
FL-41560.2

SHEET 6 of 10

BMI COMPONENTS

PART OR ASSEMBLY:

HORIZONTAL CROSS SECTIONS

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EXTERIOR

INTERIOR

1-1/4" MIN.
EMB. (TYP.)

50

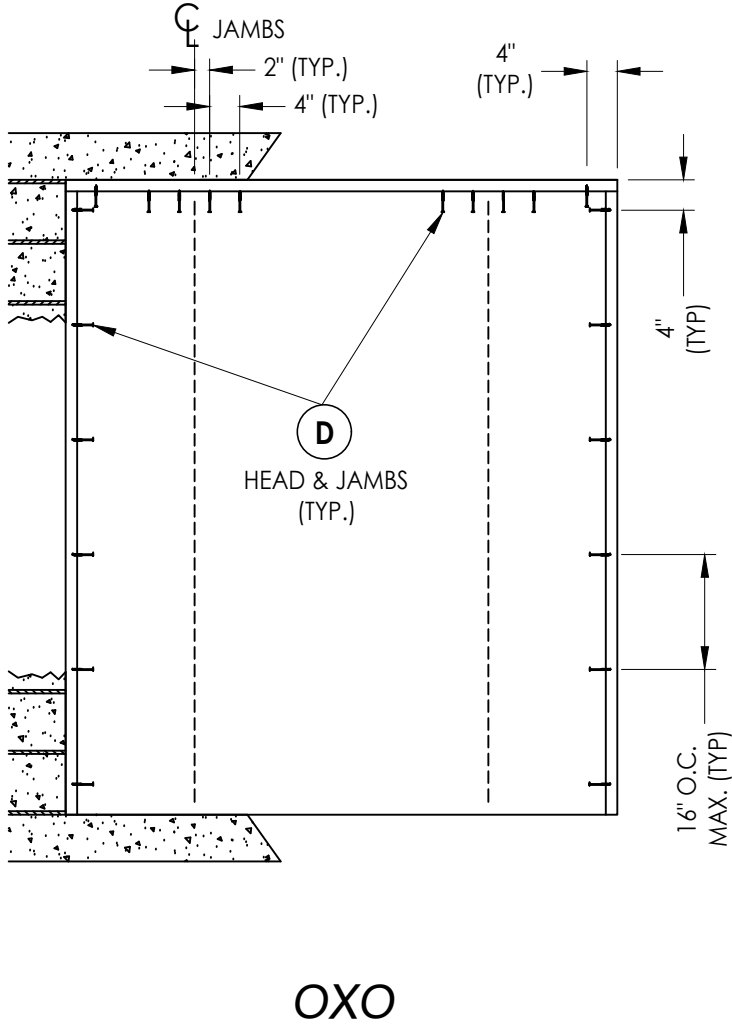
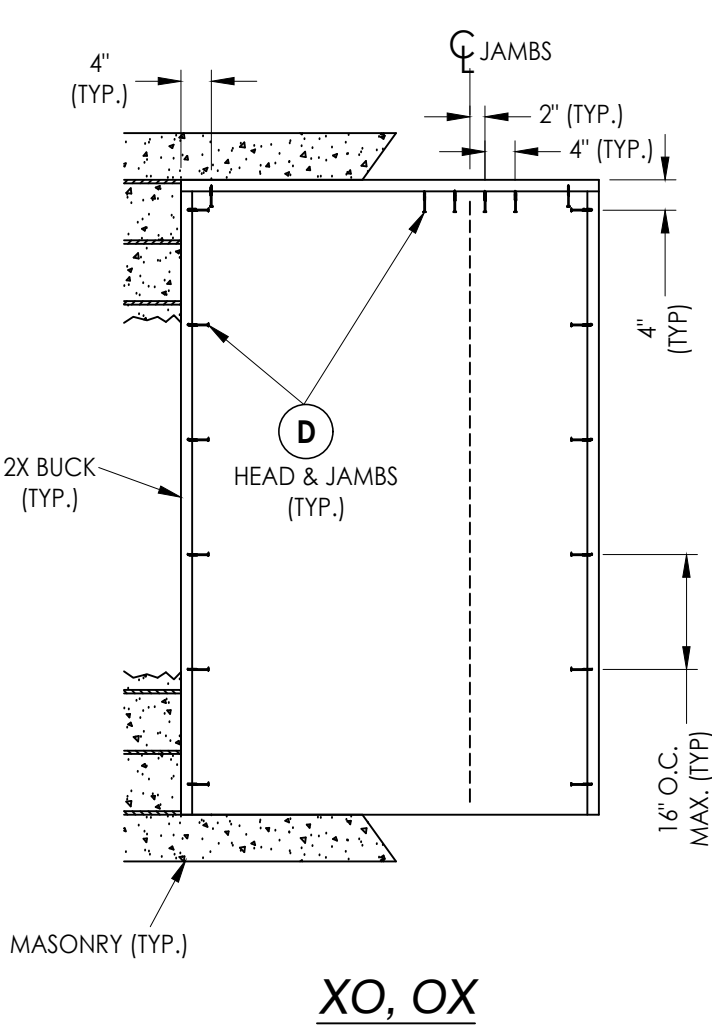
15

D

E

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2X BUCK ANCHORING

DATE: 7/05/22				DOCUMENTS PREPARED BY:	
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DRAWING NO.: FL-41560.2					
SHEET 8 OF 10					
				PRODUCT:	BMI COMPONENTS
				PART OR ASSEMBLY:	2X BUCK ANCHORING (O/X, X/O, OXO)
				REVISIONS	
				NO.	DATE
				1	9/26/23
				UPDATE TO 8TH ED. (2023) FBC	
				LFS	BY

