

WORLDWIDE Door Components

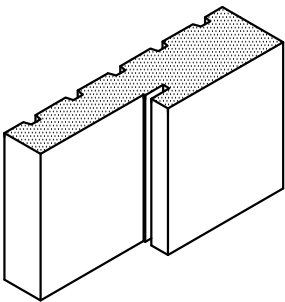
5017 N. Coolidge
Tampa, FL 33614

"4Ever Frame" COMPOSITE DOOR JAMB INSWING / OUTSWING "IMPACT"

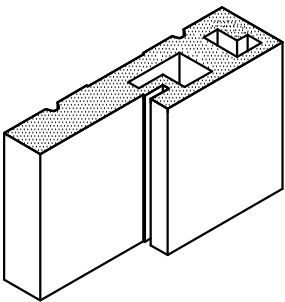
GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements including 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. This "IMPACT" door jamb, as a component, is to be used as a substitute to a similar door jamb in an impact approved (complies with Section 1626 of the FBC) door system possessing a current Florida Statewide Product Approval (Including the "HVHZ").
5. The design pressure of the assembly shall be the lesser of the design pressure for the door jamb 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. Refer to the separate Florida Product Approval for the swing door used in conjunction with this component approval to determine the ability of the system to meet the water infiltration requirements for the "HVHZ".
8. Air and water infiltration qualifications to be reviewed by the Building Official.
9. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
10. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

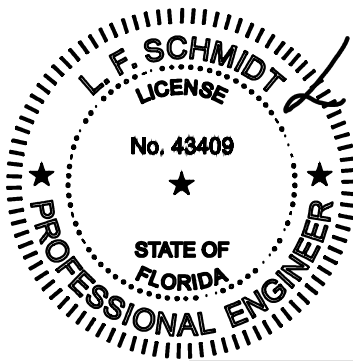
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1	Typical elevations, design pressures & general notes
2	Elevations
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring
6	Buck and frame anchoring
7	Bill of materials and components



4Ever Frame



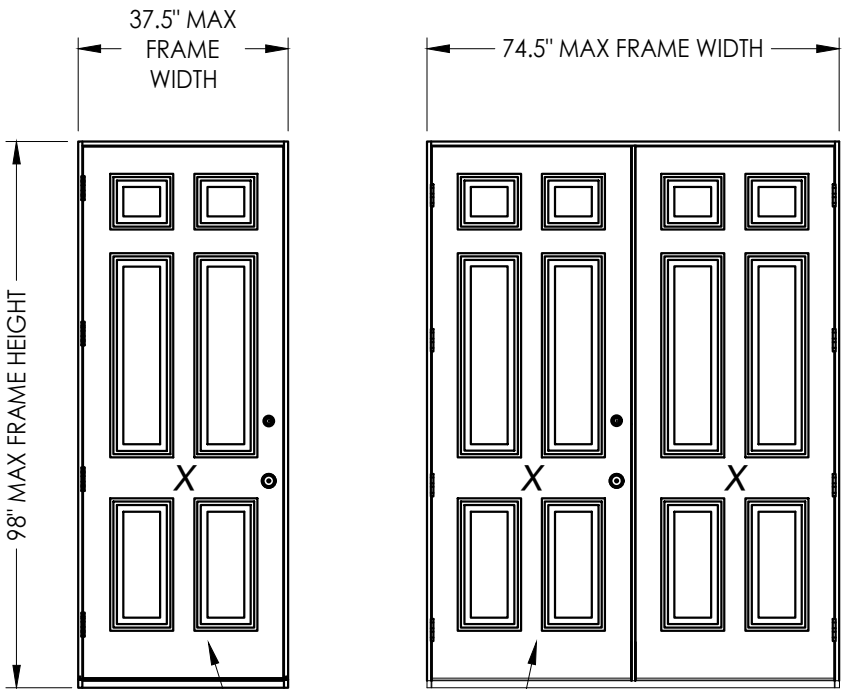
4Ever Frame
"Composite Builders Edition"



Digitally signed
by Lyndon F
Schmidt
Date: 2023.08.08
12:02:56 -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



SWING DOOR
UNDER SEPARATE
APPROVAL

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)		DESIGN PRESSURE (PSF)	
		INSWING		OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.5" x 98.0"	+60.0	-65.0	+60.0	-60.0
XX	74.5" x 98.0"	+50.0	-55.0	+50.0	-50.0

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

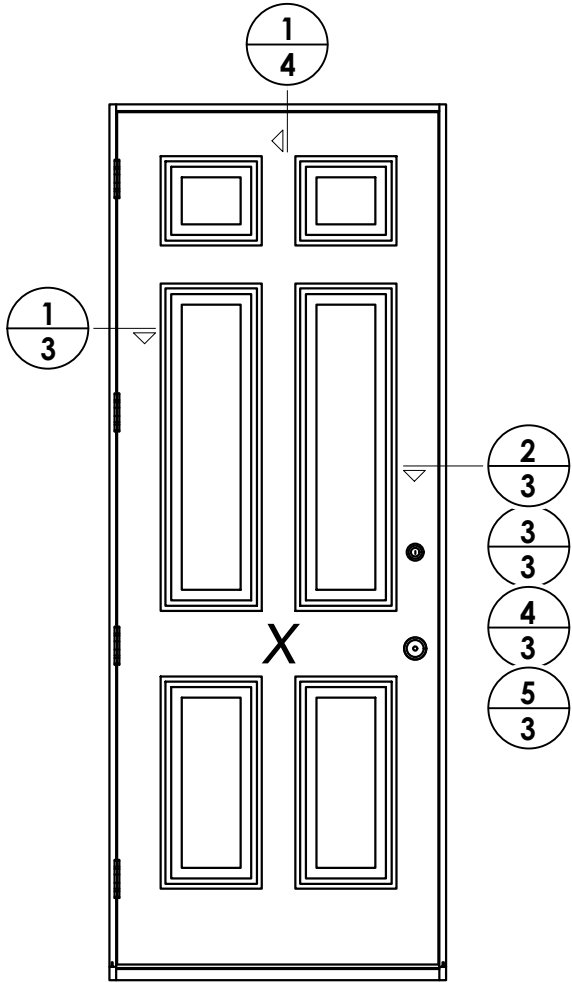
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

RW

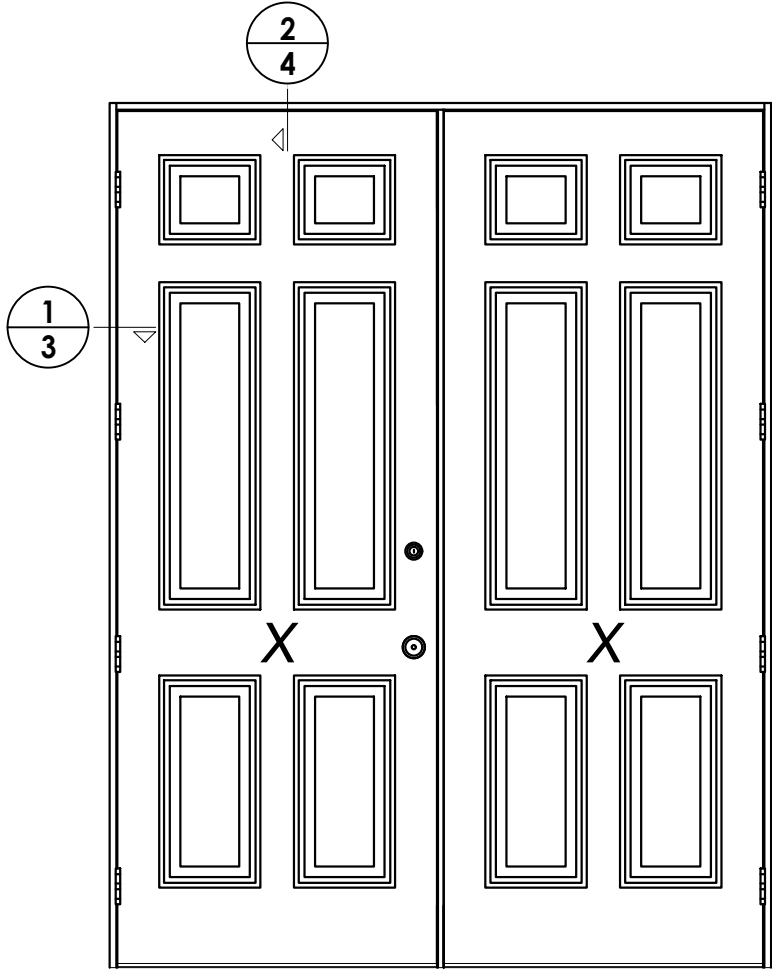
PRODUCT: WORLDWIDE DOOR
COMPONENTS
PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

NO.	DATE	REV.	DESCRIPTION	BY
7	8/08/23	1	UPDATE TO 8TH ED. (2023) FBC	LFS
6	7/01/20	1	REV. COMP. BLDERS ED. FRAME & LFS	LFS
5	7/24/19	1	UPDATE TO 7TH ED. (2020) FBC	LFS
4	7/24/19	1	ADD COMP. BUILDERS ED. FRAME	LFS
3	7/24/19	1	ADD COMP. BUILDERS ED. FRAME	LFS
2	7/24/19	1	ADD COMP. BUILDERS ED. FRAME	LFS
1	7/24/19	1	ADD COMP. BUILDERS ED. FRAME	LFS

DATE: 4/28/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14969.2
SHEET 1 OF 7



SINGLE DOOR ELEVATION



DOUBLE DOOR ELEVATION

DATE: 4/28/14	
SCALE: N.T.S.	
DWG. BY: JK	
CHK. BY: LFS	
DRAWING NO.: FL-14969.2	
SHEET 2	OF 7

7	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
6	7/01/20	REV. COMP. BLDERS ED. FRAME &	LFS	
		UPDATE TO 7TH ED. (2020)	FBC	
5	7/24/19	ADD COMP. BUILDERS ED. FRAME	LFS	
NO.	DATE			BY
REVISIONS				

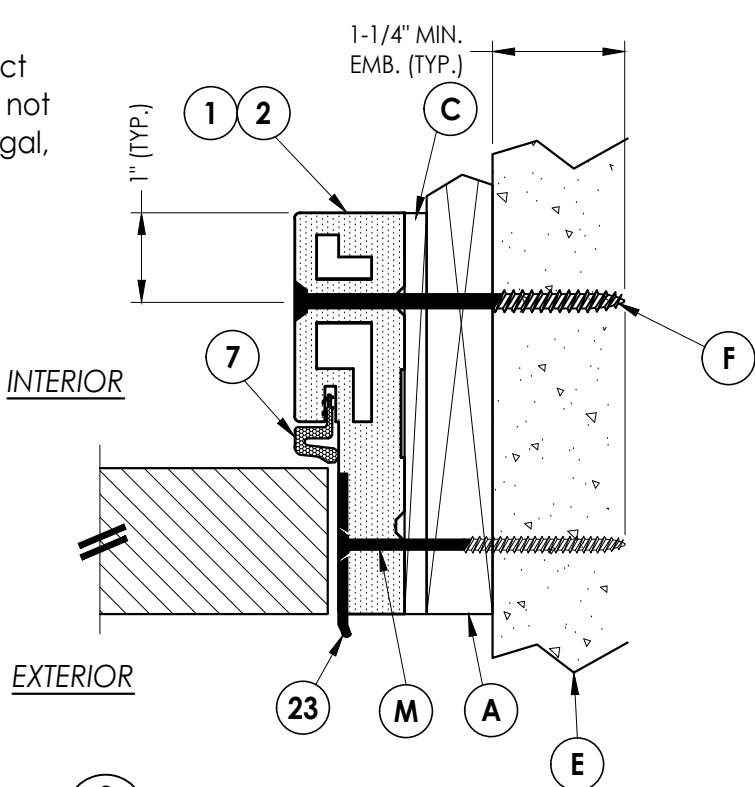
PRODUCT:	WORLDWIDE DOOR COMPONENTS
	PART OR ASSEMBLY: ELEVATIONS

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P.E. No. 43409

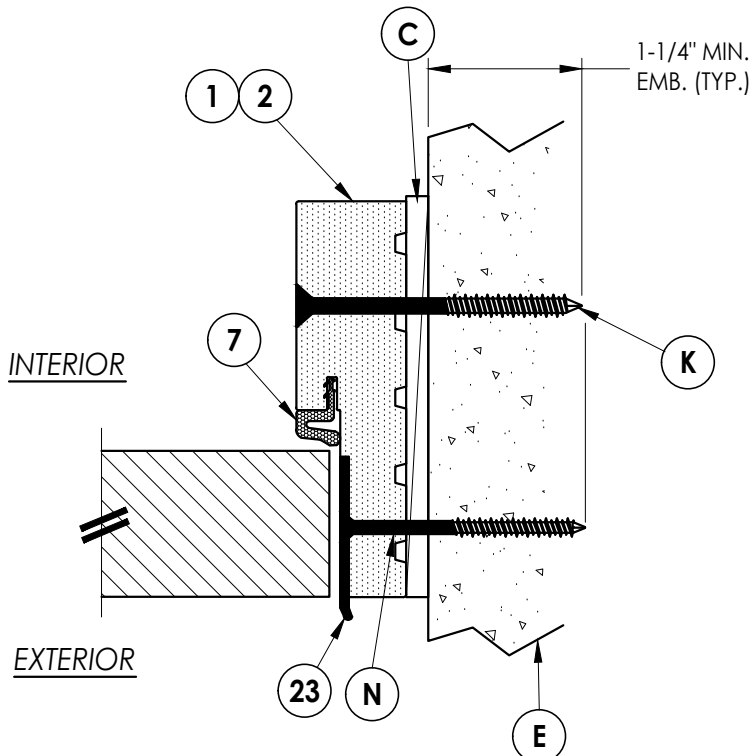
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Phone No.: 813.659.9197
FBPE Registry No. 9813

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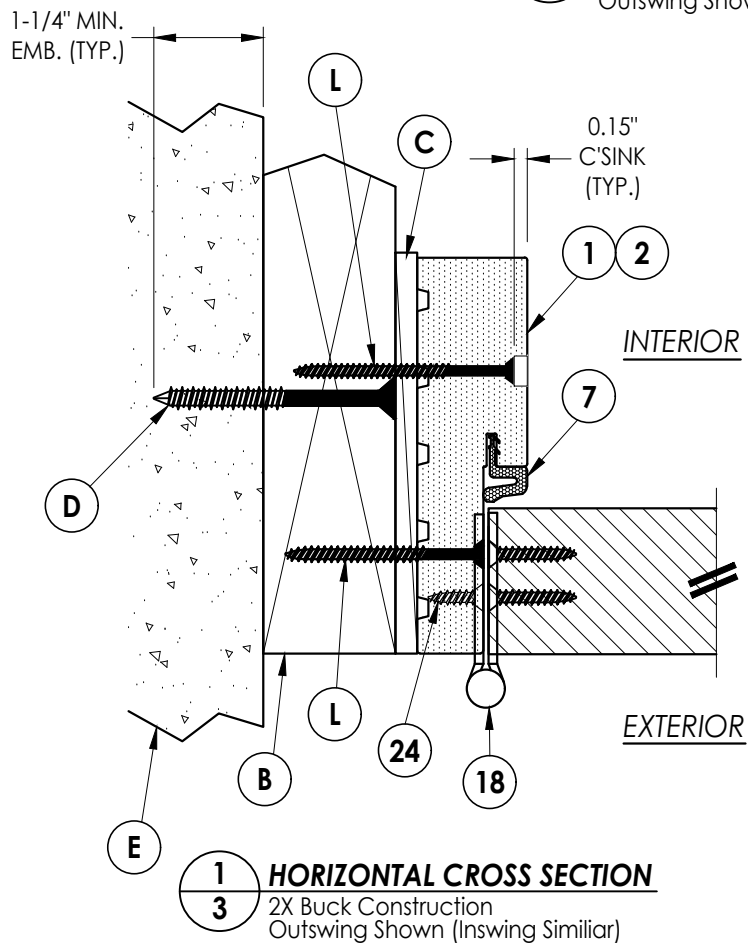
Note:
See separate Side-Hinged Door Product Approval for door construction details not shown, including lock hardware, astragal, hinge and threshold connections.



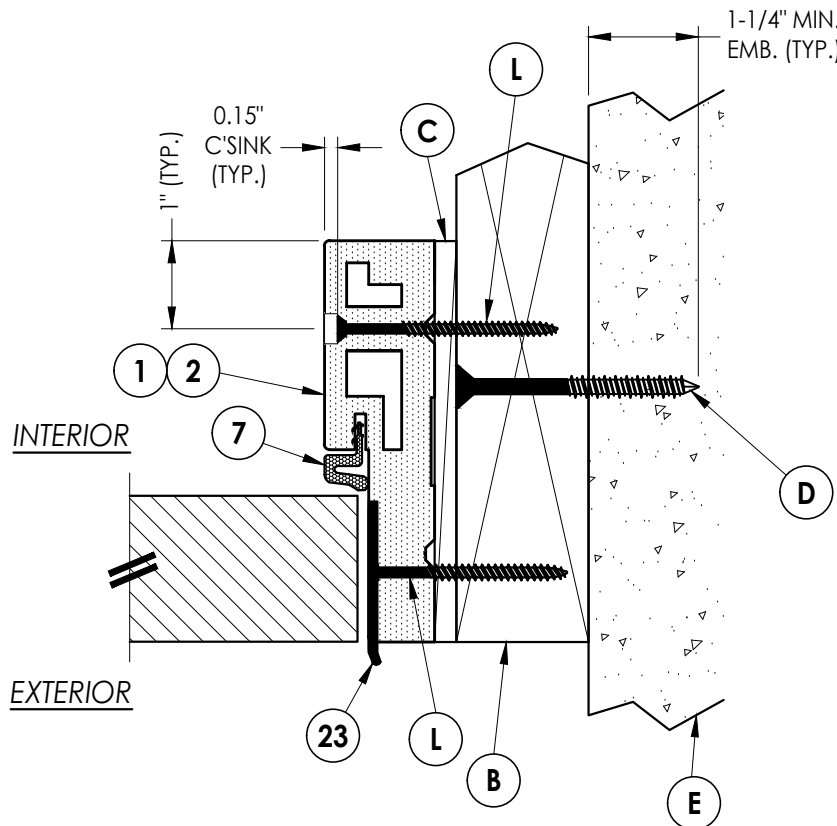
2 HORIZONTAL CROSS SECTION
3 Shown w/1X sub-buck
Outswing Shown (Inswing Similar)



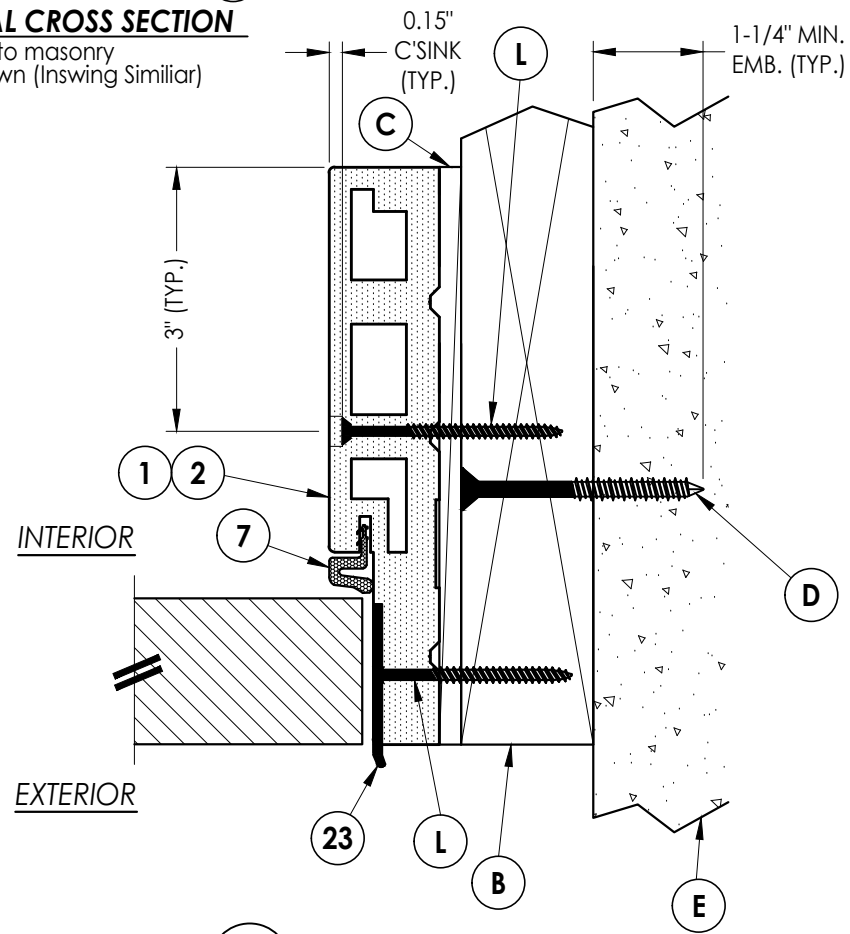
3 HORIZONTAL CROSS SECTION
3 Shown Direct to masonry
Outswing Shown (Inswing Similar)



1 HORIZONTAL CROSS SECTION
3 2X Buck Construction
Outswing Shown (Inswing Similar)



4 HORIZONTAL CROSS SECTION
3 2X Buck Construction
Outswing Shown (Inswing Similar)



5 HORIZONTAL CROSS SECTION
3 2X Buck Construction
Outswing Shown (Inswing Similar)
Shown w/ alternate 6-9/16" Jamb

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FBPE Registry No. 9813

PRODUCT: WORLDWIDE DOOR COMPONENTS
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS	
		BY	LFS
7	8/08/23	UPDATE TO 8TH ED. (2023)	FBC
6	7/01/20	REV. COMP. BLDRS ED. FRAME & LFS	
5	7/24/19	UPDATE TO 7TH ED. (2020)	FBC
4		ADD COMP. BUILDERS ED. FRAME	

DATE: 4/28/14
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14969.2
SHEET 3 of 7



1 4 **VERTICAL CROSS SECTION** 2X Buck Construction- Single door Inswing Shown (Outswing Similar)

Note:
See separate Side-Hinged Door Product Approval for door construction details not shown, including lock hardware, astragal, hinge and threshold connections.



2 **VERTICAL CROSS SECTION**
4 2X Buck Construction- Double door
Inswing Shown (Outswing Similar)

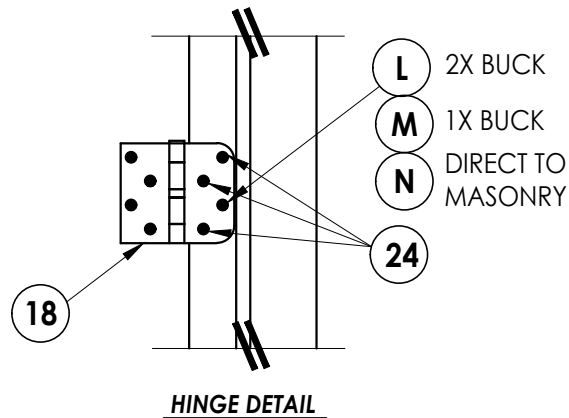
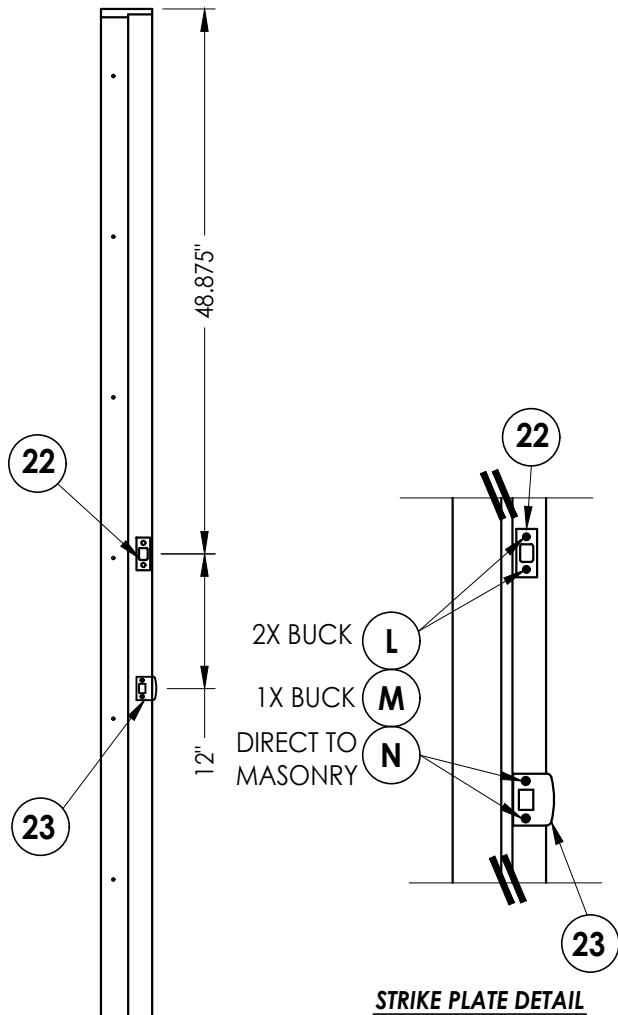
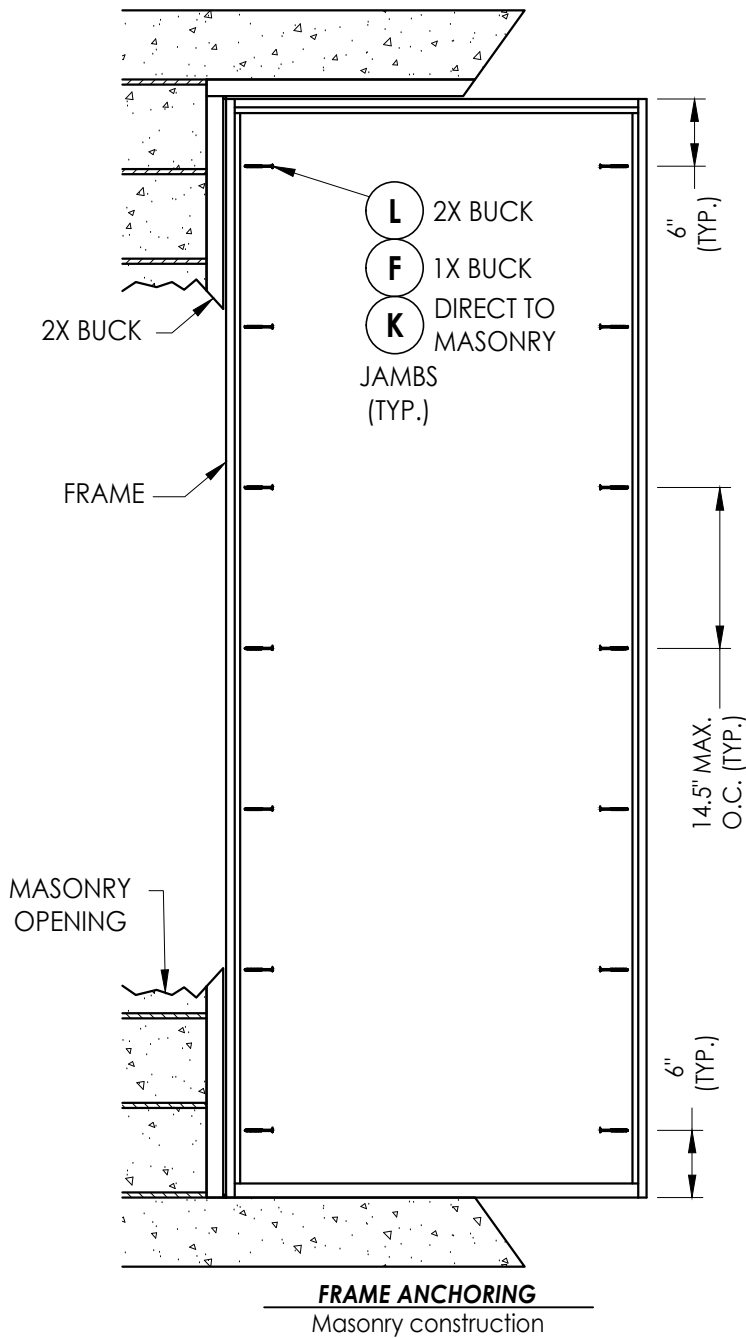
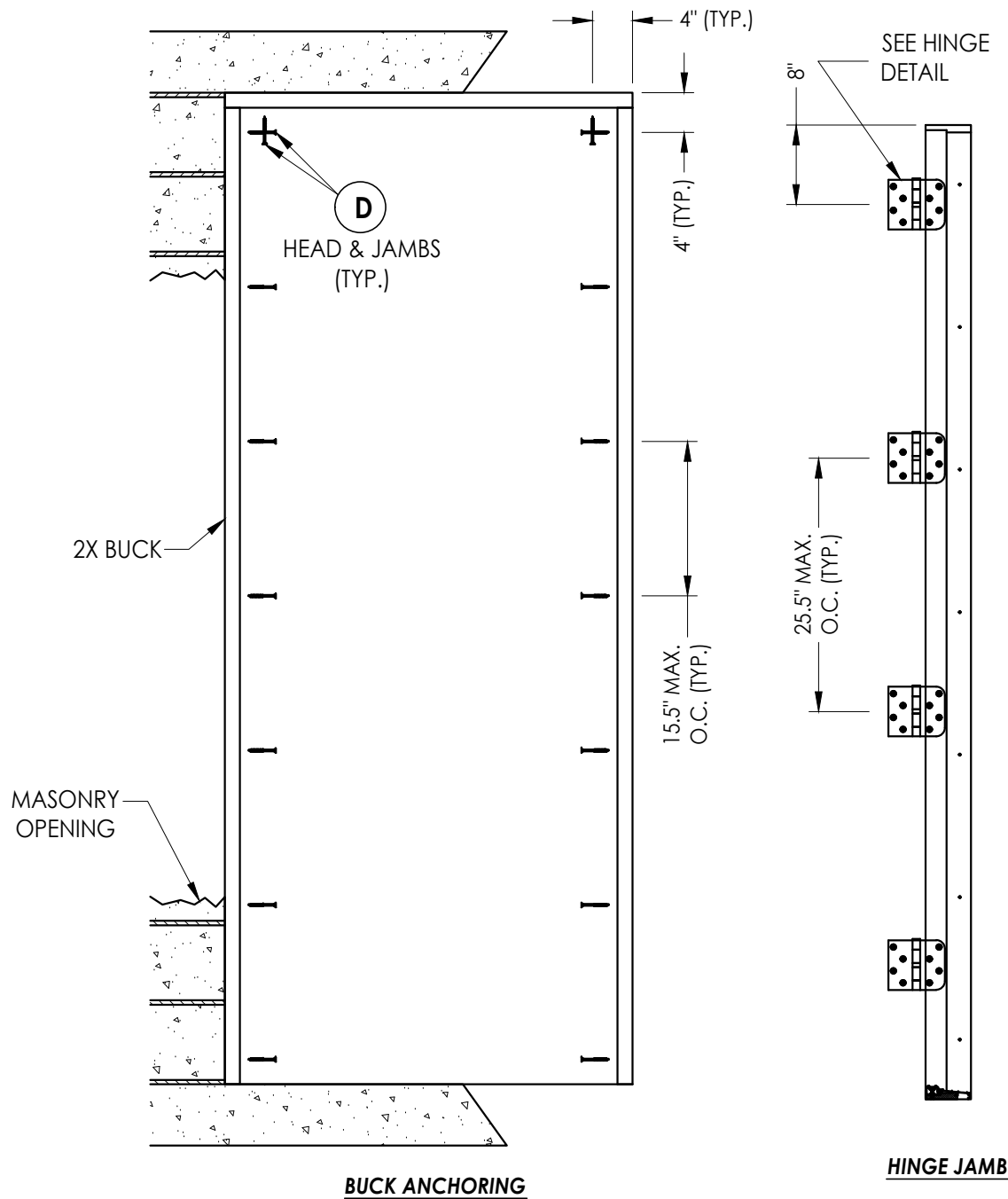
DATE:	4/28/14
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14969.2
SHEET	4 OF 7

PRODUCT: WORLDWIDE DOOR COMPONENTS

PART OR ASSEMBLY: VERTICAL CROSS SECTION

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FBPE Registry No. 9813



Note:
See separate Side-Hinged Door Product Approval for door construction details not shown, including lock hardware, astragal, hinge and threshold connections.

CONCRETE ANCHOR NOTES:

1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
2. 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.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

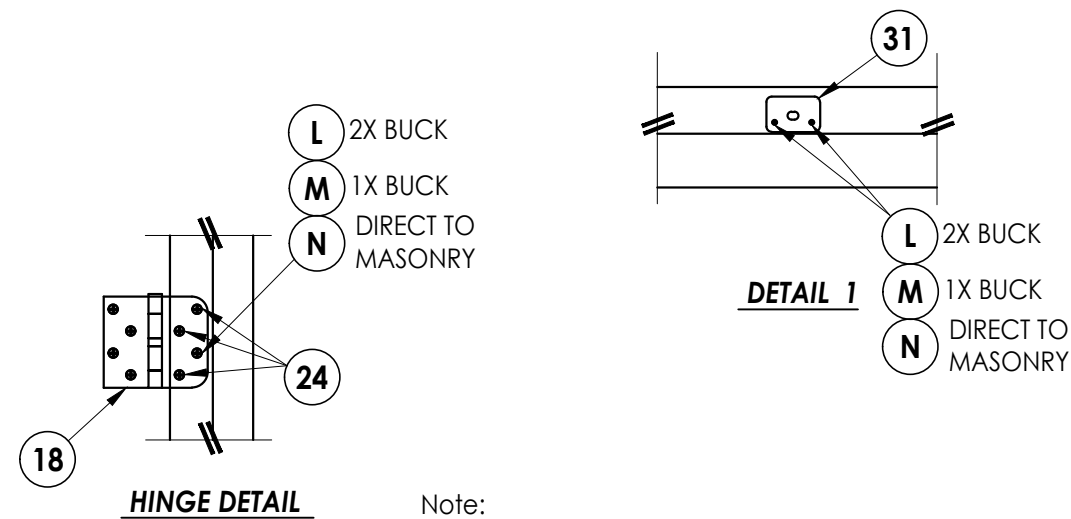
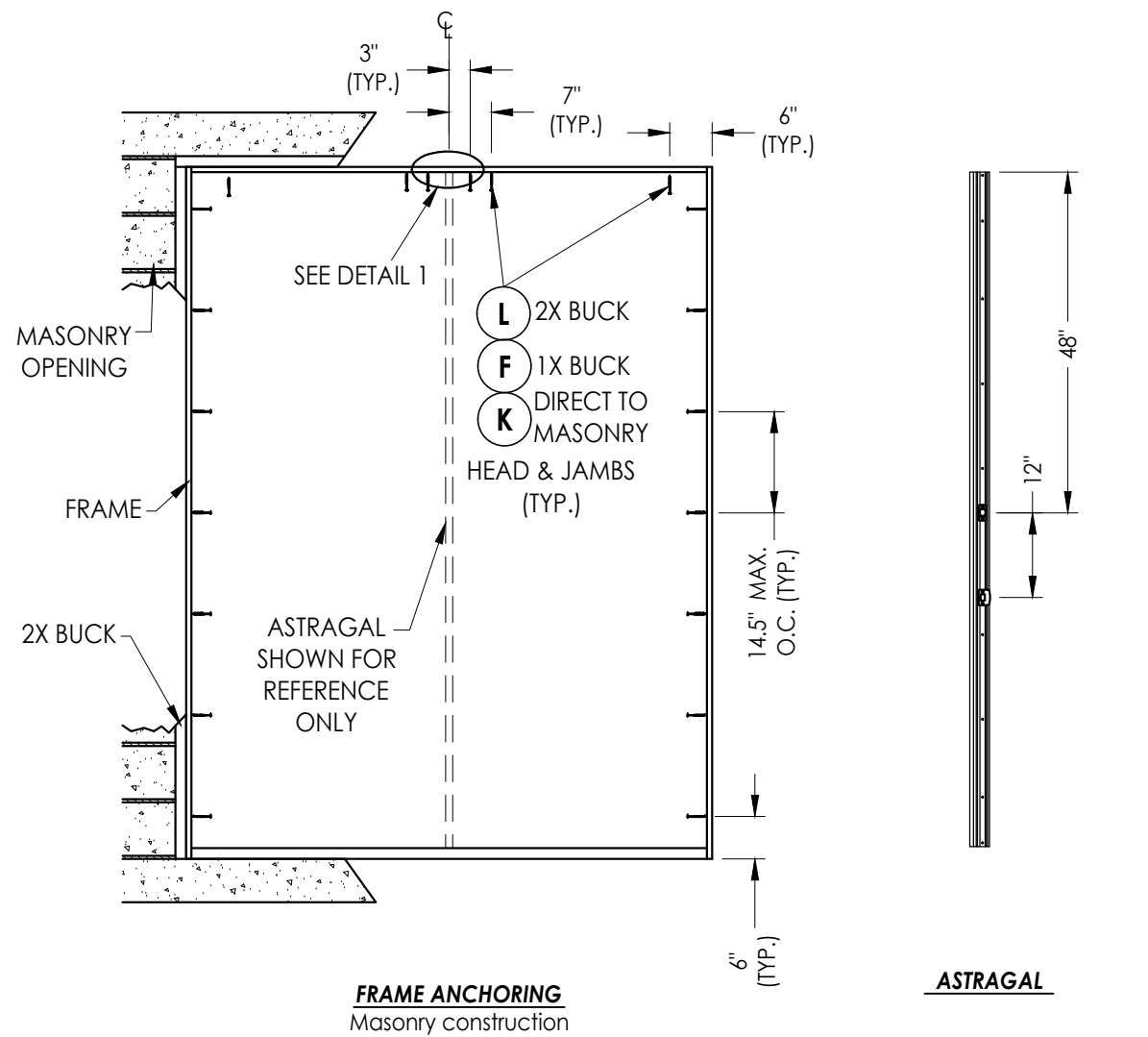
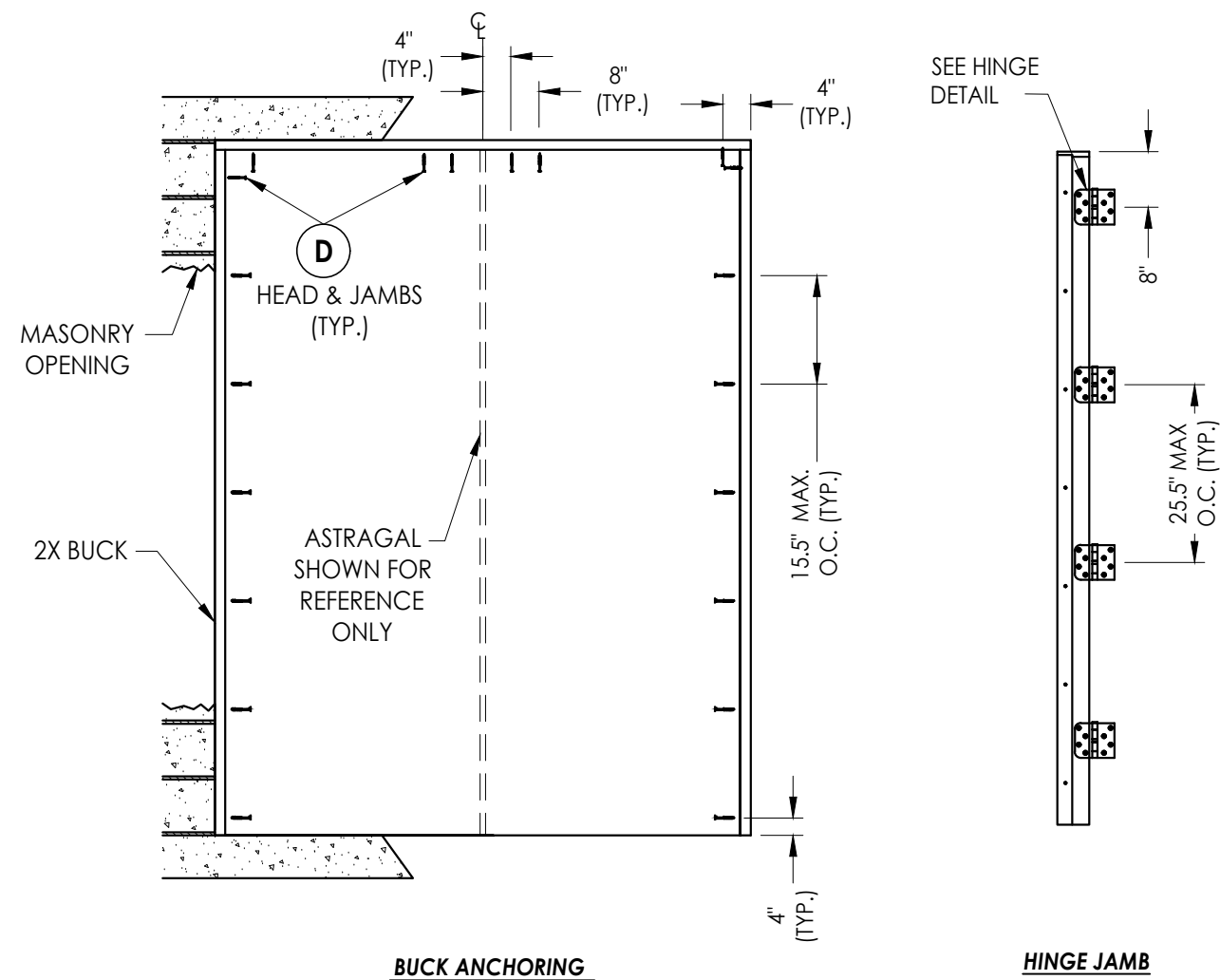
WOOD SCREW INSTALLATION NOTES:

1. 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:
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FBPE Registry No. 9813

PRODUCT:		WORLDWIDE DOOR COMPONENTS	
PART OR ASSEMBLY:		BUCK AND FRAME ANCHORING	
REVISIONS		NO.	DATE
7	8/08/23	UPDATE TO 8TH ED. (2023) FBC	LFS
6	7/01/20	REV. COMP. BLDERS ED. FRAME & LFS	LFS
5	7/24/19	ADD COMP. BUILDERS ED. FRAME	LFS
4	7/24/19	ADD COMP. BUILDERS ED. FRAME	LFS
3	7/24/19	ADD COMP. BUILDERS ED. FRAME	LFS
2	7/24/19	ADD COMP. BUILDERS ED. FRAME	LFS
1	7/24/19	ADD COMP. BUILDERS ED. FRAME	LFS
DATE:		4/28/14	
SCALE:		N.T.S.	
DWG. BY:		JK	
CHK. BY:		LFS	
DRAWING NO.:		FL-14969.2	
SHEET		5 OF 7	



CONCRETE ANCHOR NOTES:

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Note:

See separate Side-Hinged Door Product Approval for door construction details not shown, including lock hardware, astragal, hinge and threshold connections.

[illegible]

Documents Prepared By:
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Phone No.: 813.659.9197
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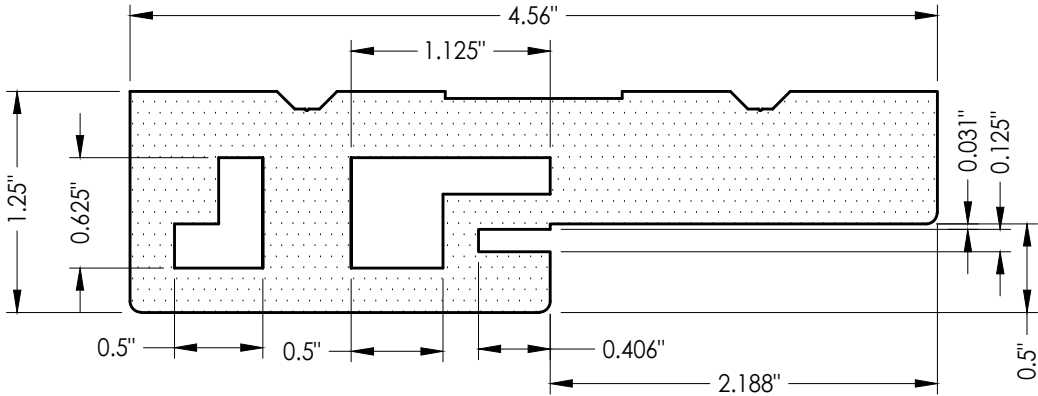
PRODUCT: WORLDWIDE DOOR COMPONENTS

PART OR ASSEMBLY: BUCK AND FRAME ANCHORING

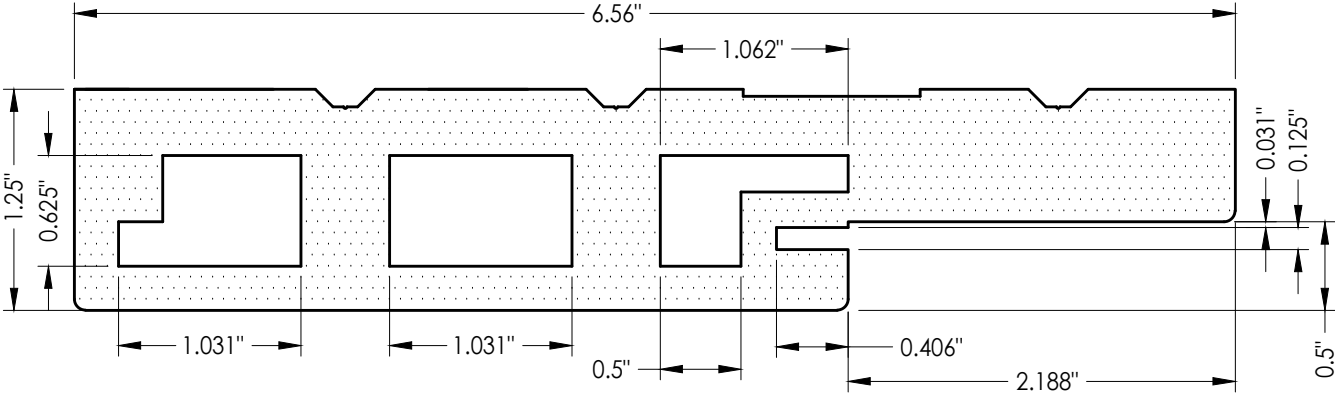
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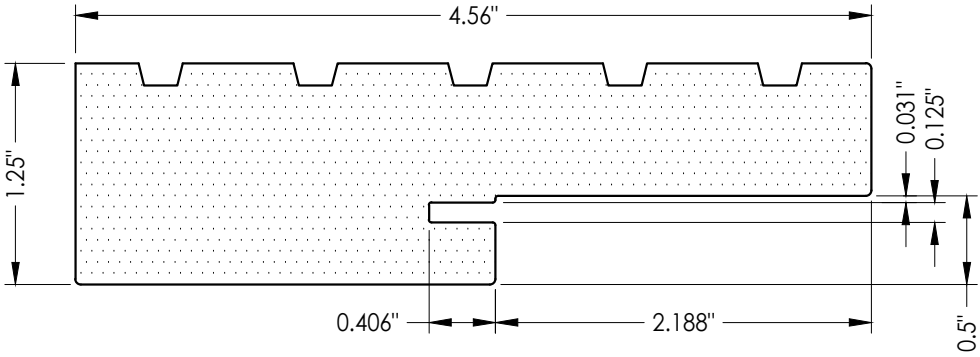
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.55)	WOOD
B	2X BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	1/4" X 3-1/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
N	3/16" X 2-3/4" PFH TW CONCRETE SCREW	STEEL
1	HEAD & SIDE JAMB (4Ever Frame: 4-9/16" or 6-9/16")	COMPOSITE
2	SIDE JAMB (4Ever Frame - Composite Builders Edition: 4-9/16" or 6-9/16")	COMPOSITE
7	WEATHERSTRIP (WORLDWIDE)	FOAM
22	DEADBOLT STRIKE PLATE	STEEL
23	LATCH STRIKE PLATE	STEEL
24	#9 X 3/4" PFH SMS	STEEL
31	ASTRAGAL SHOOTBOLT STRIKE PLATE	STEEL



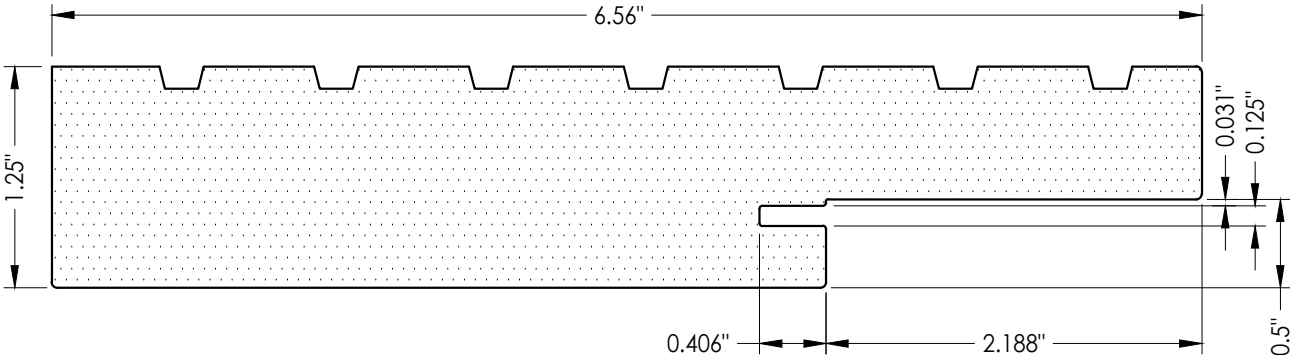
2 **SIDE JAMB**
4Ever Frame (4-9/16")
Composite Builders Edition



2 **SIDE JAMB**
4Ever Frame (6-9/16")
Composite Builders Edition



1 **HEAD & SIDE JAMB**
4Ever Frame (4-9/16")



1 **HEAD & SIDE JAMB**
4Ever Frame (6-9/16")

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

PRODUCT:

WORLDWIDE DOOR
COMPONENTS

PART OR ASSEMBLY:

BILL OF MATERIALS
& COMPONENTS

NO.	DATE	REVISIONS		
		DATE	BY	REVISIONS
7	8/08/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
6	7/01/20	REV. COMP. BLDERS ED. FRAME & LFS	FRAME & LFS	LFS
5	7/24/19	UPDATE TO 7TH ED. (2020)	FBC	LFS
4	7/24/19	ADD COMP. BUILDERS ED. FRAME	FRAME	LFS
3	7/24/19	ADD COMP. BUILDERS ED. FRAME	FRAME	LFS
2	7/24/19	ADD COMP. BUILDERS ED. FRAME	FRAME	LFS
1	7/24/19	ADD COMP. BUILDERS ED. FRAME	FRAME	LFS

DATE: 4/28/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14969.2

SHEET 7 OF 7