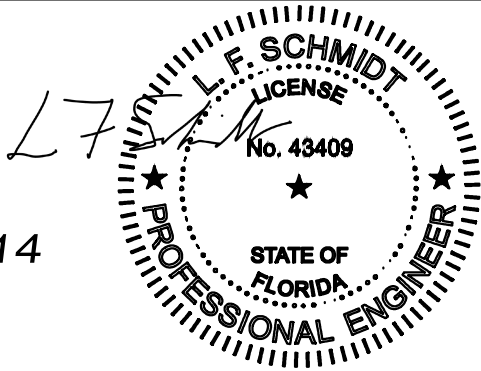




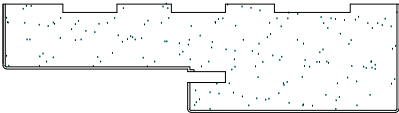
JM Eagle
15661 Delano Road
Cochranton PA, 16314



Digitally signed by Lyndon F Schmidt
Date: 2023.07.03 07:32:53 -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



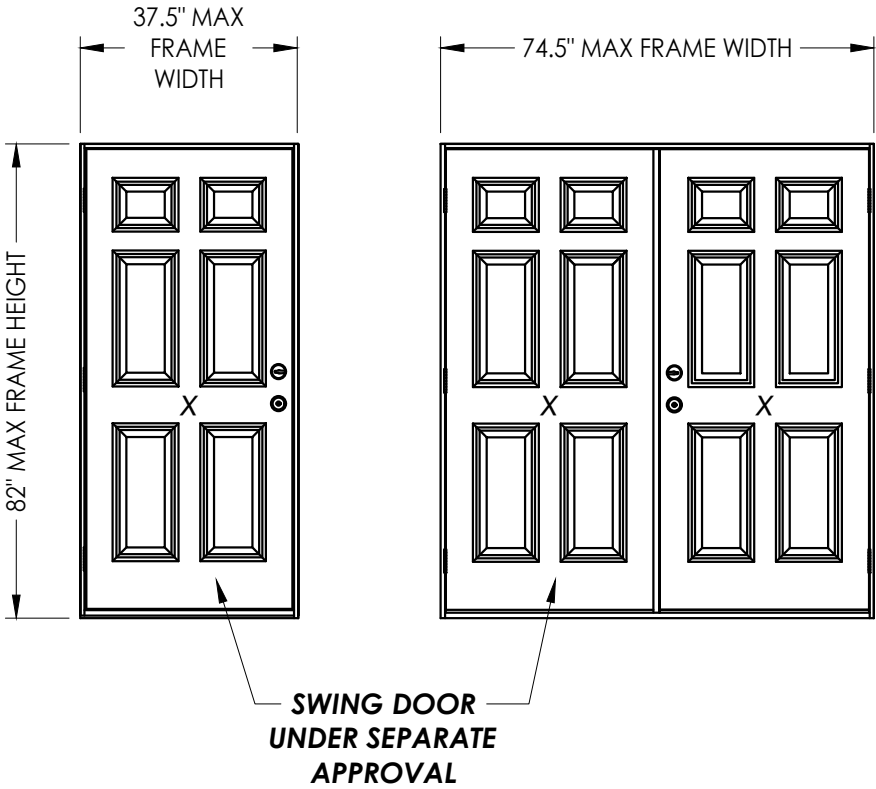
PF™ COMPOSITE DOOR JAMB
INSWING / OUTSWING
"IMPACT"

PF™ COMPOSITE JAMB

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 complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
4. This "IMPACT" door jamb, as a component, is to be used as a substitute to a similar door jamb in an impact approval (complies with FBC Sections 1609.1.2 & R301.2.1.2) door system possessing a current Florida Statewide Product Approval.
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 door assembly approval used in conjunction with this approval.
7. 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	Elevations
3	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring (X)
6	Buck and frame anchoring (XX)
7	Bill of materials and components



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
X	37.50" x 82.00"	+75.0	-75.0	+75.0	-75.0
XX	74.50" x 82.00"	+60.0	-60.0	+60.0	-60.0

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

PRODUCT: JM Eagle COMPONENTS

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

DATE: 5/28/14

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17055.1

SHEET 1 OF 7

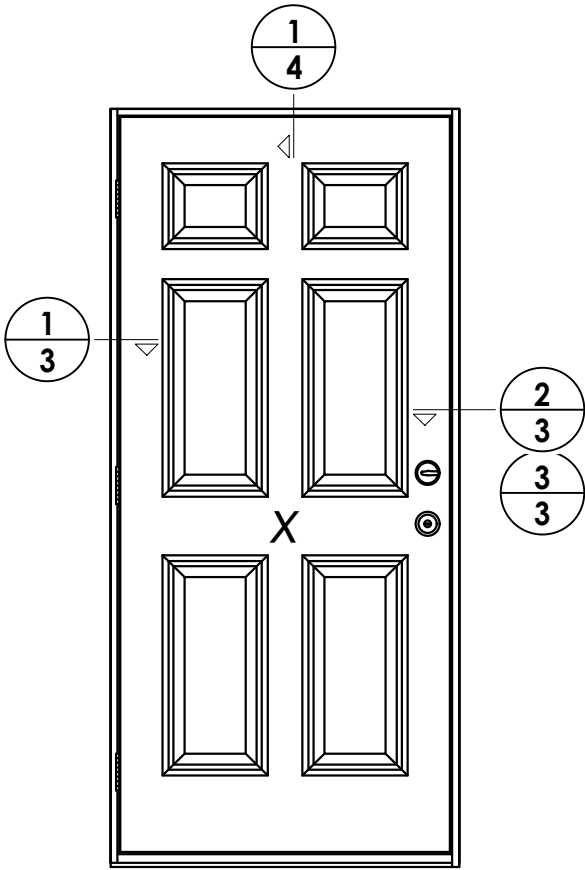
REVISIONS

NO.	DATE	Rev. Per Public Comments
5	7/01/23	UPDATE TO 8TH ED. (2023) FBC
4	8/07/20	UPDATE TO 7TH ED. (2020) FBC
3	10/03/17	UPDATE TO 6TH ED. (2017) FBC
2	2/27/15	UPDATE TO 5TH ED. (2014) FBC
1	8/27/14	Rev. Per Public Comments

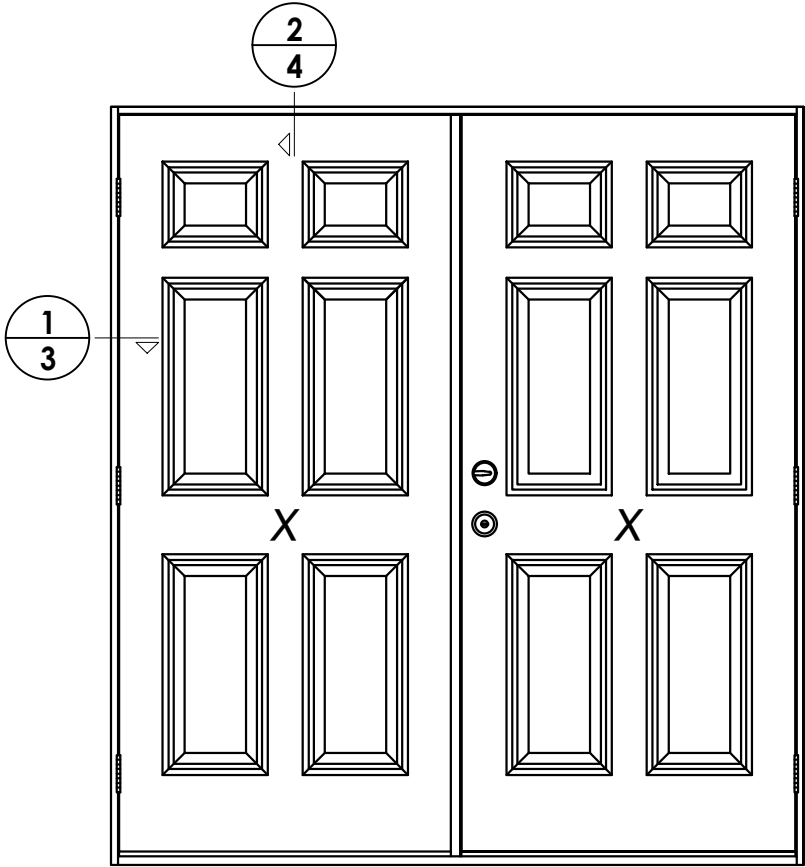
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Building Consultants, Inc.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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SINGLE DOOR ELEVATION



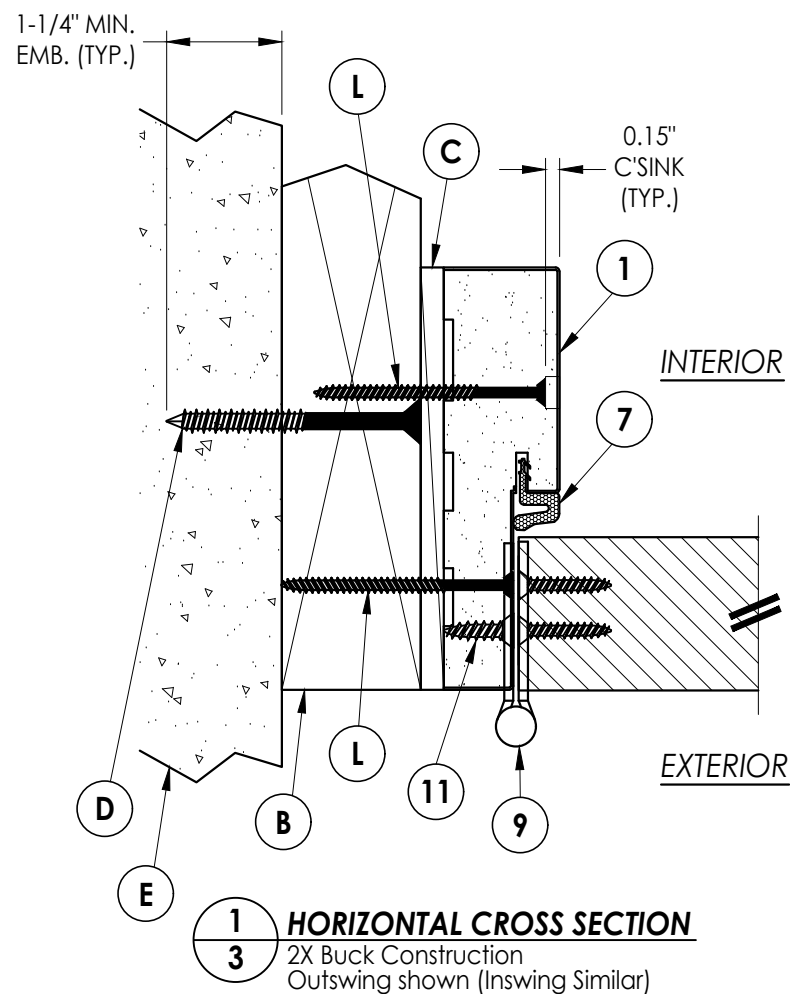
DOUBLE DOOR ELEVATION

DATE: 5/28/14	
SCALE: N.T.S.	
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.: FL-17055.1	
SHEET	2 OF 7

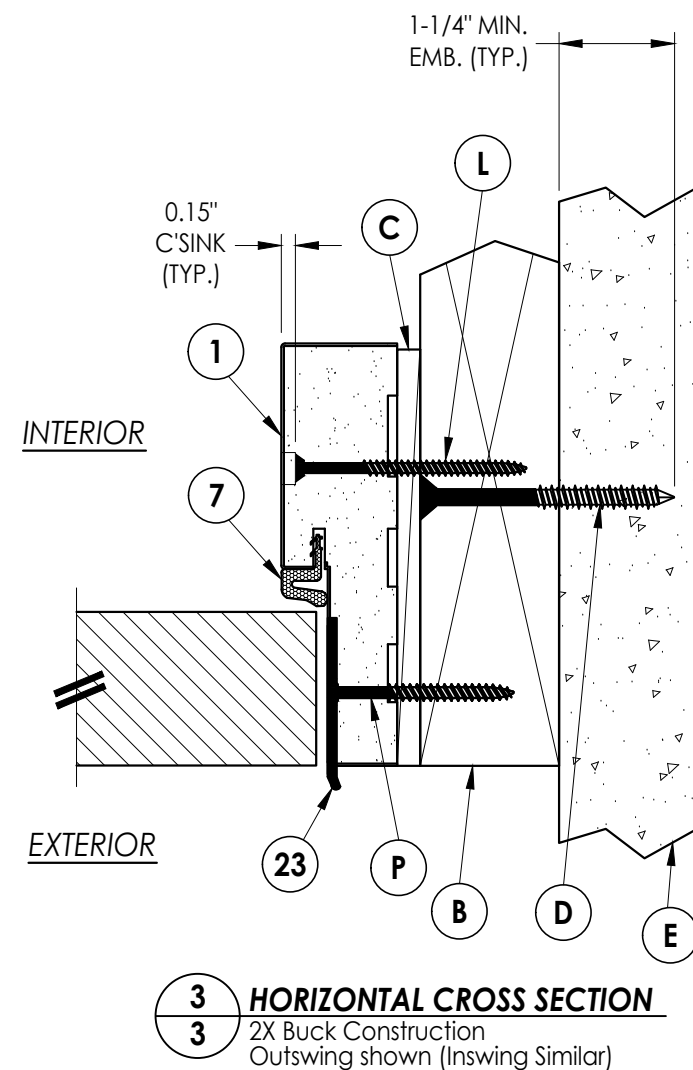
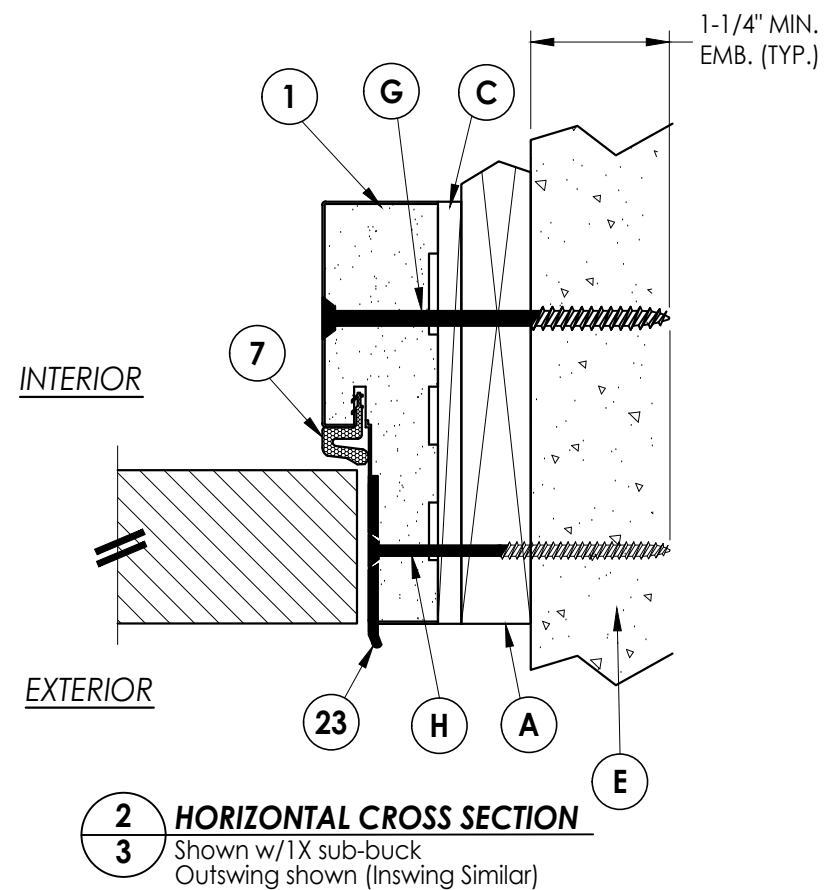
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4	8/07/20	UPDATE TO 7TH ED. (2020) FBC LFS
3	10/03/17	UPDATE TO 6TH ED. (2017) FBC JK
2	2/27/15	UPDATE TO 5TH ED. (2014) FBC JK
1	8/27/14	Rev. Per Public Comments JK

PRODUCT: JM Eagle COMPONENTS	
PART OR ASSEMBLY: ELEVATIONS	

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



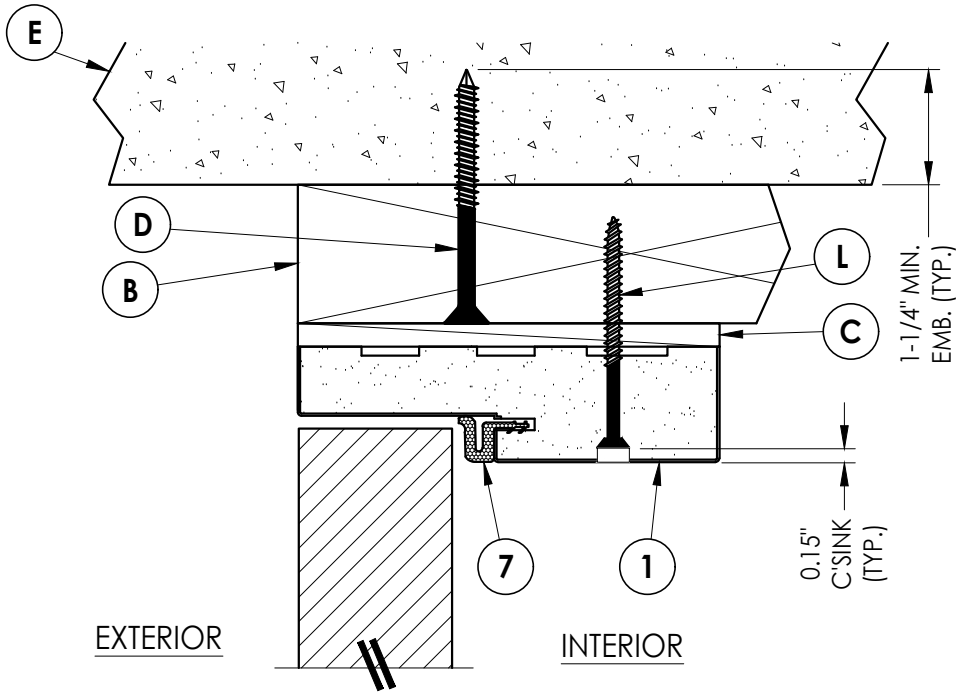
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3	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	2/27/15	UPDATE TO 5TH ED. (2014)	FBC	JK
1	8/27/14	Rev. Per Public Comments		JK
NO.	DATE			BY
REVISIONS				

PRODUCT: JM Eagle COMPONENTS	PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS
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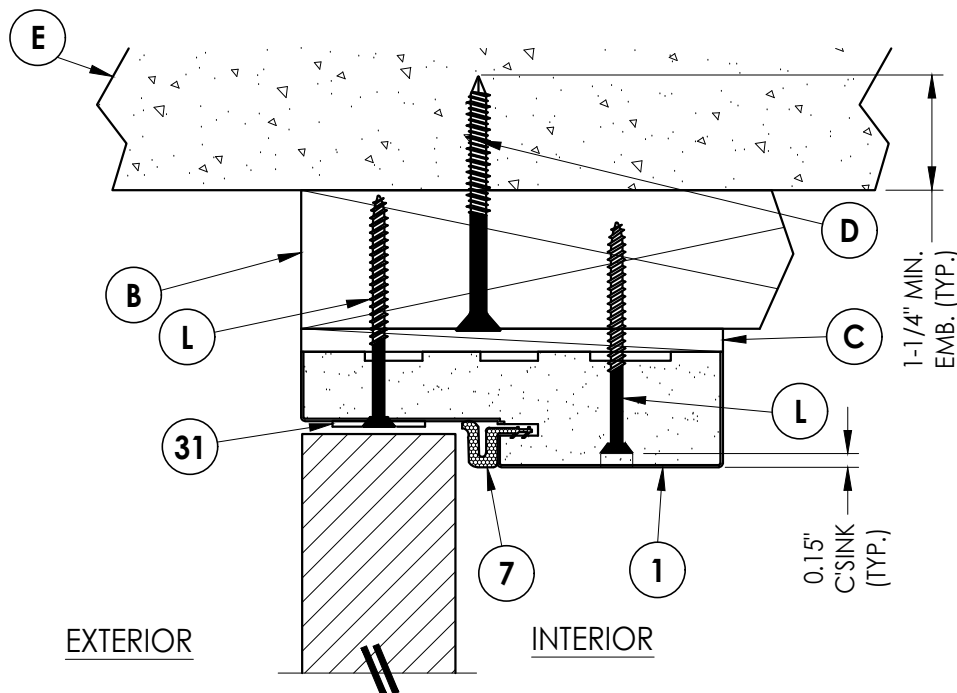
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

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

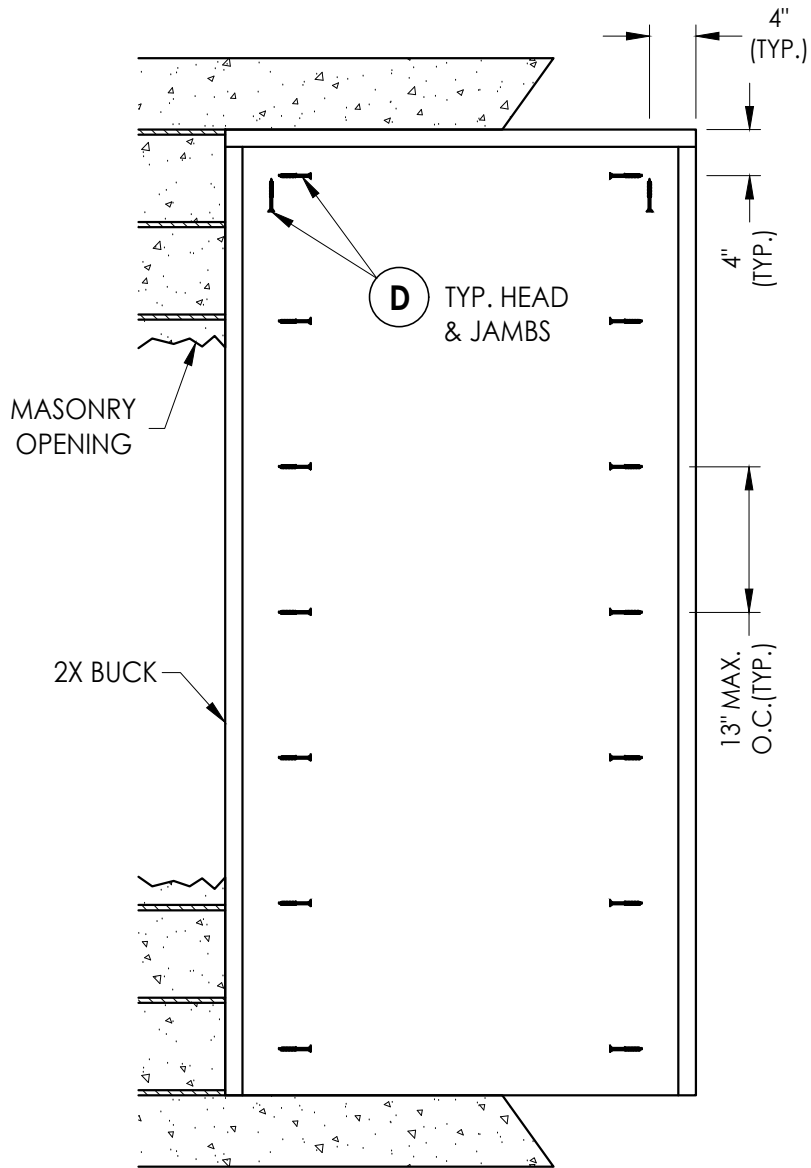


2
4 **VERTICAL CROSS SECTION**
2X Buck Construction- Double door
Outswing shown (Inswing Similar)

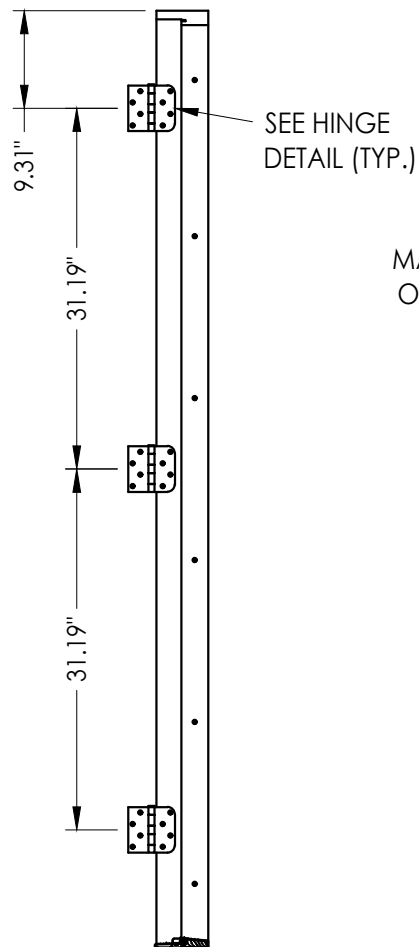
Note:
See separate Side-hinged door
Product Approval for door construction details
not shown, including lock hardware, astragal, hinge
and threshold connections.

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: JM Eagle COMPONENTS				PART OR ASSEMBLY: VERTICAL CROSS SECTIONS			
5	7/01/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
4	8/07/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
3	10/03/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
2	2/27/15	UPDATE TO 5TH ED. (2014)	FBC	JK			
1	8/27/14	Rev. Per Public Comments		JK			
NO. DATE					REVISIONS		
DATE: 5/28/14							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-17055.1							
SHEET 4 OF 7							

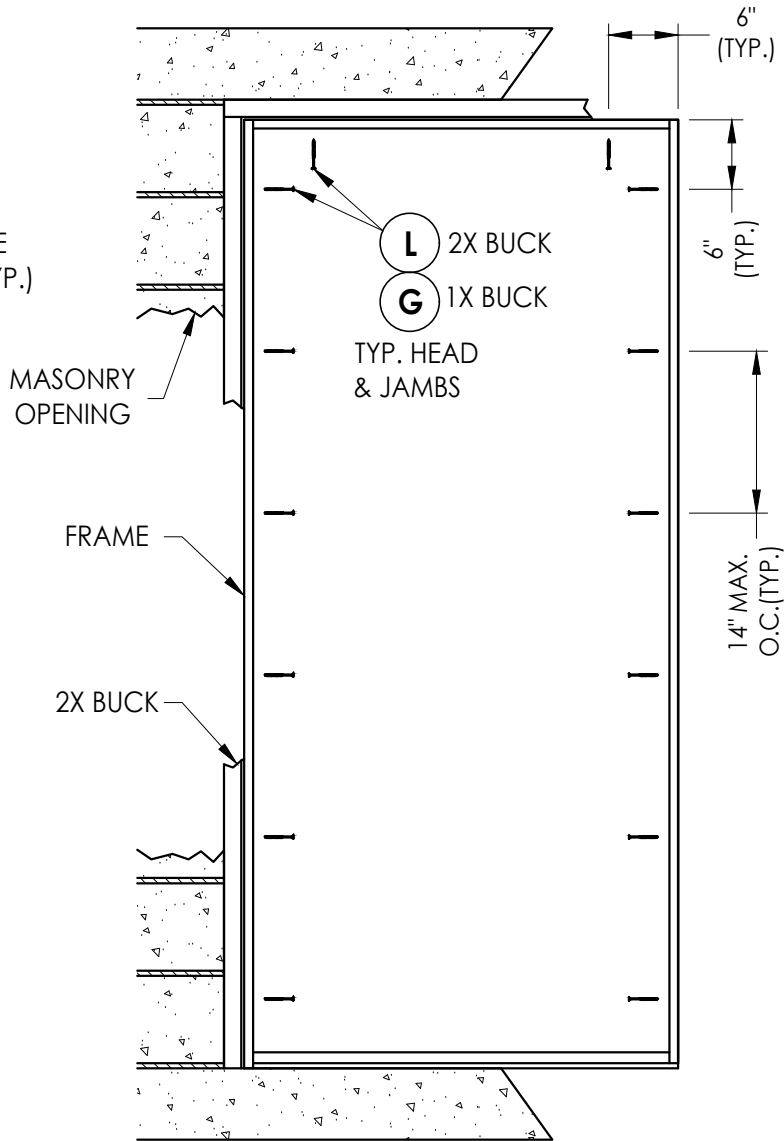
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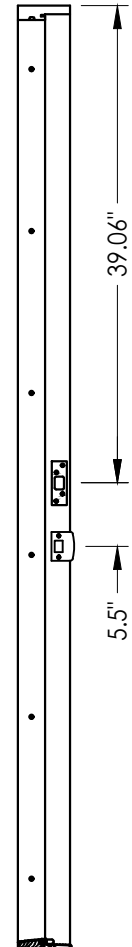
BUCK ANCHORING



STRIKE JAMB



FRAME ANCHORING
Masonry construction



HINGE JAMB

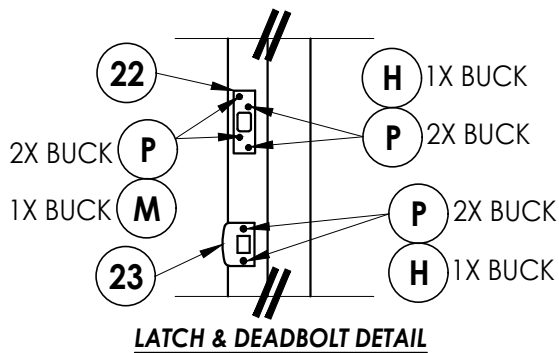
CONCRETE ANCHOR NOTES:

- 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®	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"

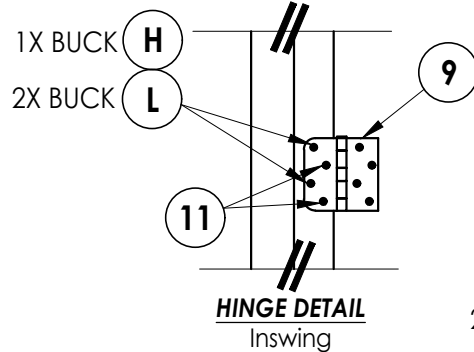
WOOD SCREW INSTALLATION NOTES:

- Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.

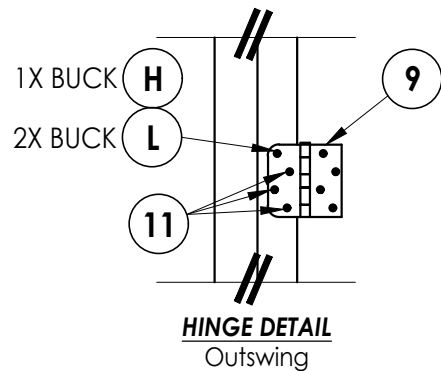


LATCH & DEADBOLT DETAIL

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



HINGE DETAIL
Inswing



HINGE DETAIL
Outswing

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

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

PRODUCT: JM Eagle
COMPONENTS
PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING
(X)

NO.	DATE	REVISIONS
5	7/01/23	UPDATE TO 8TH ED. (2023) FBC LFS
4	8/07/20	UPDATE TO 7TH ED. (2020) FBC LFS
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DATE: 5/28/14

SCALE: N.T.S.

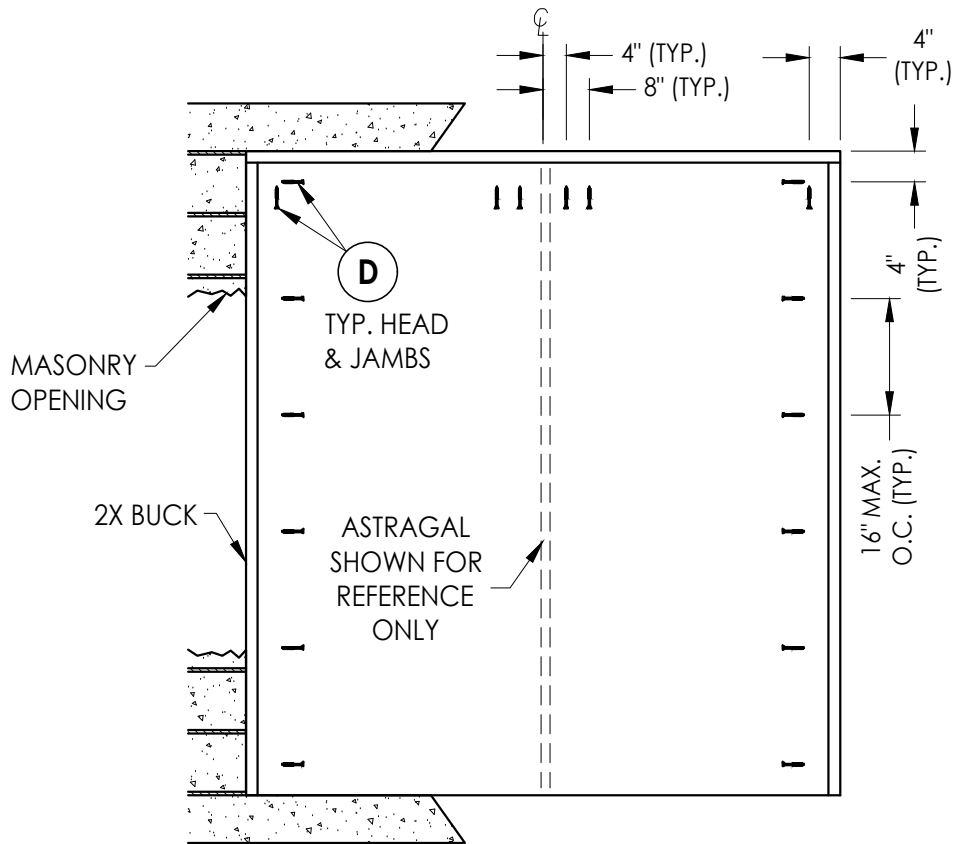
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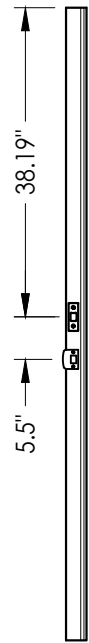
DRAWING NO.: FL-17055.1

SHEET 5 OF 7

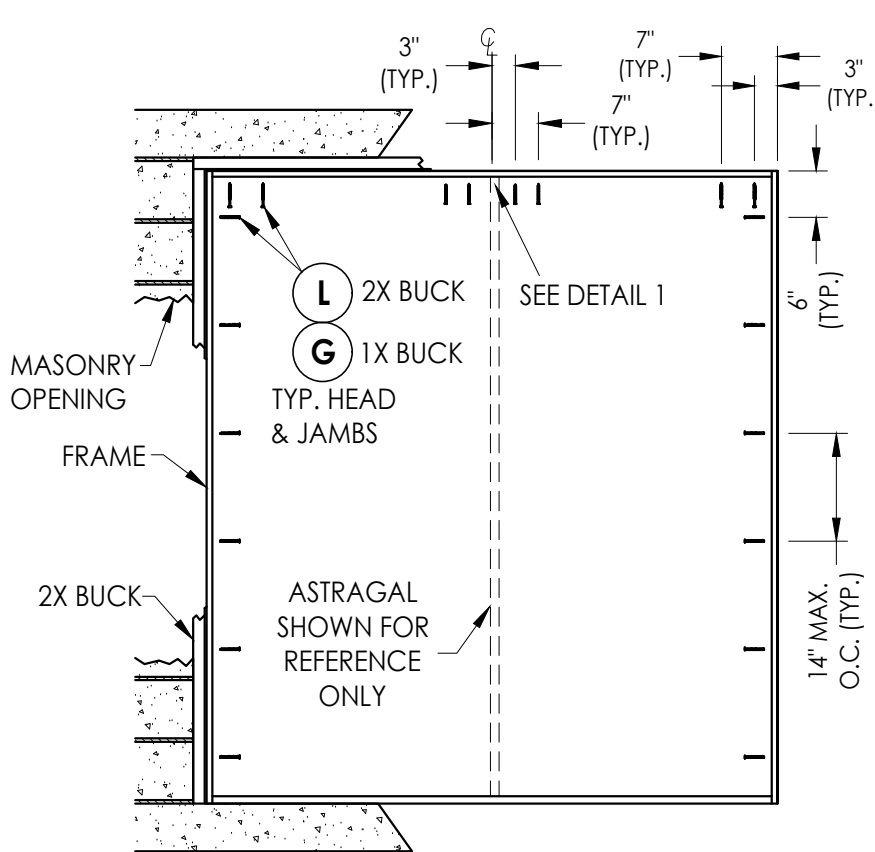
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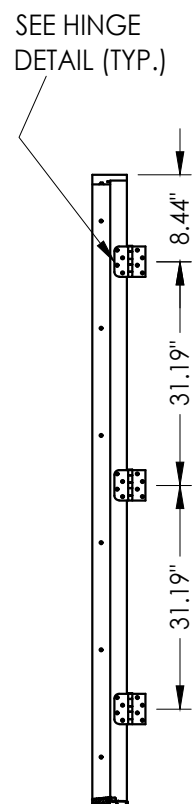
BUCK ANCHORING
XX



ASTRAGAL STRIKE JAMB



FRAME ANCHORING
XX



HINGE JAMB

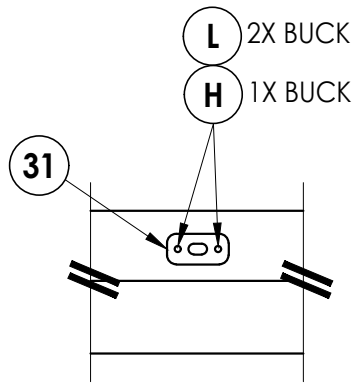
CONCRETE ANCHOR NOTES:

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:

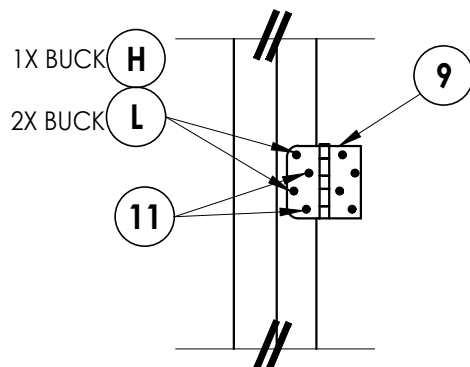
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"

WOOD SCREW INSTALLATION NOTES:

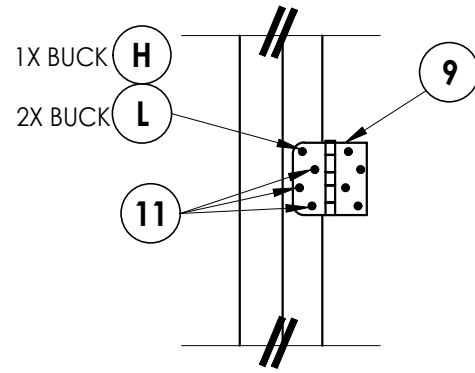
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



DETAIL 1
Attach astragal throw bolt strike plate to frame as shown



HINGE DETAIL
Inswing



HINGE DETAIL
Outswing

Note:

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

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

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

JM Eagle
COMPONENTS

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING
(XX)

NO.	DATE	REVISIONS
5	7/01/23	UPDATE TO 8TH ED. (2023) FBC LFS
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1	8/27/14	Rev. Per Public Comments JK

DATE: 5/28/14

SCALE: N.T.S.

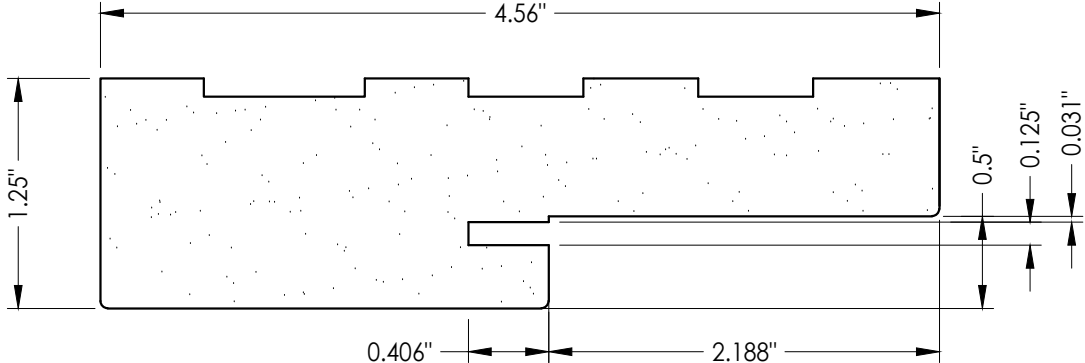
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-17055.1

SHEET 6 OF 7

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
G	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
H	3/16" x 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" 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	#8 X 1-1/2" PFH WOOD SCREW	STEEL
N	3/16" X 2-3/4" PFH ITW CONCRETE SCREW	STEEL
P	#8 X 2" PFH WOOD SCREW	STEEL
1	HEAD AND JAMB	Wood Flour/PVC
7	WEATHERSTRIP (QEBD650 Q-LON)	FOAM
9	HINGE	STEEL
11	#9 X 3/4" PFH WOOD SCREW	STEEL
22	DEADBOLT STRIKE PLATE	STEEL
23	LATCH STRIKE PLATE	STEEL
24	#10 X 3/4" PFH SMS	STEEL
31	ASTRAGAL STRIKE PLATE	STEEL



1 HEAD & SIDE JAMB

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		R.W. BUILDING CONSULTANTS, INC. P.O. Box 230, Vairico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: JM Eagle COMPONENTS		PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	
5	7/01/23	UPDATE TO 8TH ED. (2023)	FBC LFS
4	8/07/20	UPDATE TO 7TH ED. (2020)	FBC LFS
3	10/03/17	UPDATE TO 6TH ED. (2017)	FBC JK
2	2/27/15	UPDATE TO 5TH ED. (2014)	FBC JK
1	8/27/14	Rev. Per Public Comments	JK
NO. DATE		REVISIONS	
DATE: 5/28/14			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-17055.1			
SHEET 7 OF 7			