



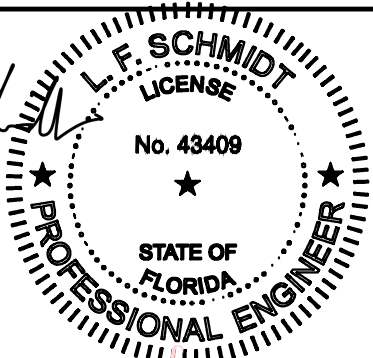
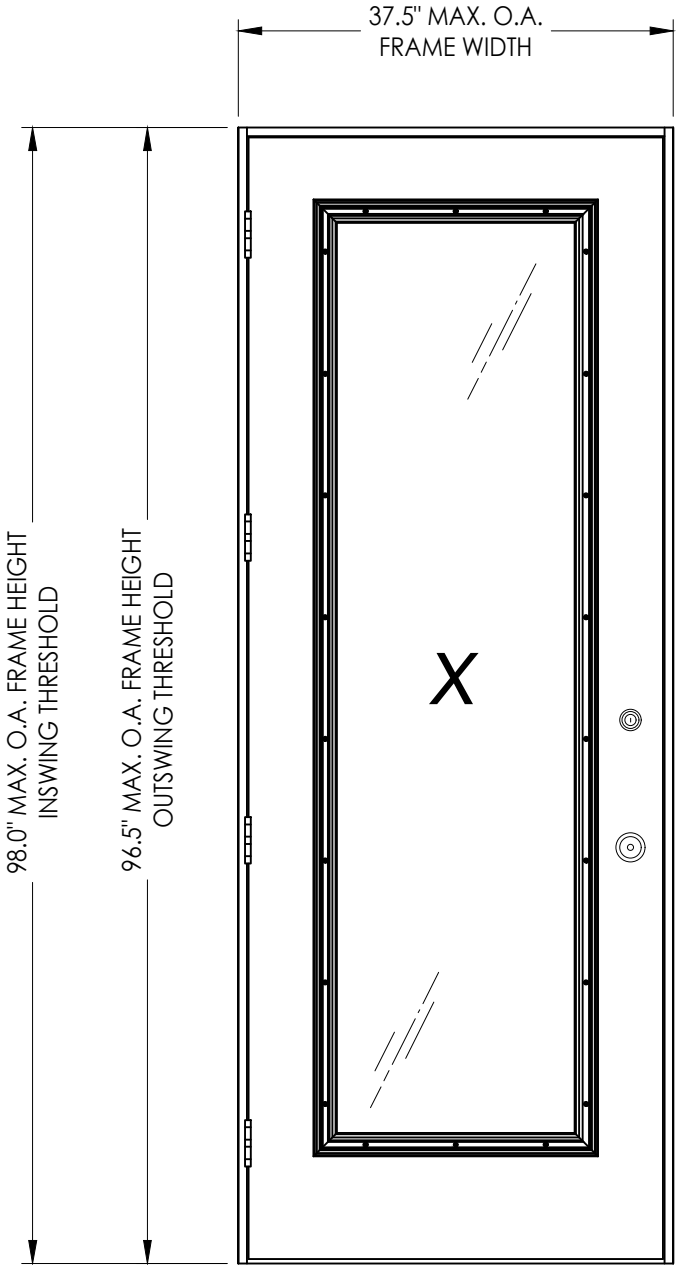
AMERICA'S DOORMAKER
631 N. FIRST ST. WEST BRANCH, MI 48661

STEEL EDGE GLAZED SINGLE DOOR
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. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 5. 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	Horizontal cross sections
4	Vertical cross sections
5	Buck and frame anchoring
6	Bill of materials and components



Digitally signed by Lyndon F Schmidt
Date: 2023.07.06 16:39:49 -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

MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
37.5" x 98.0"	21.0" x 79.0"	+40.0	-45.0	+40.0	-40.0

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

PRODUCT: TAYLOR DOORS

DATE: 6/17/08

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-9542.4

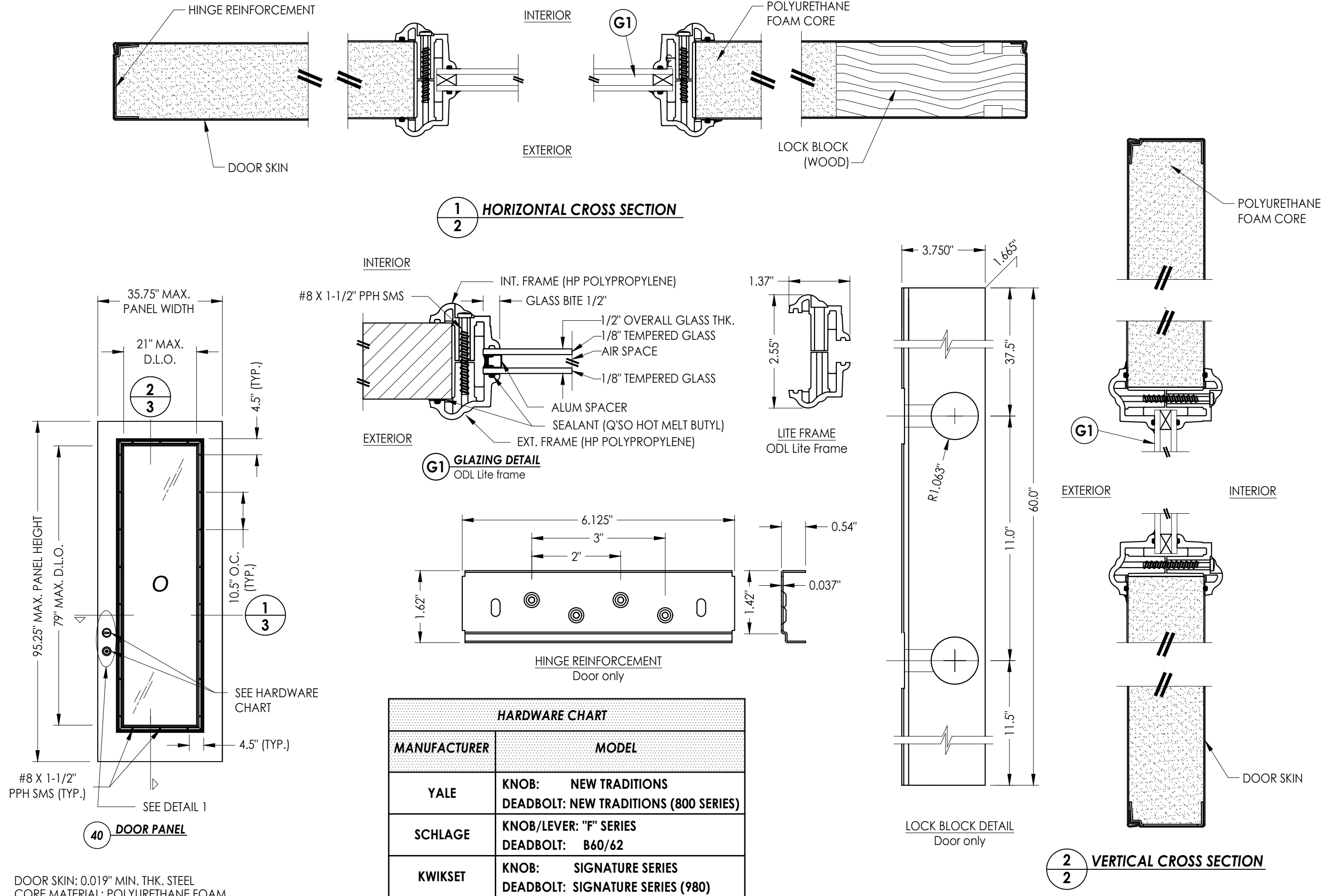
SHEET 1 OF 6

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

REVISIONS

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

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Documents Prepared By:
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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: TAYLOR DOORS

PART OR ASSEMBLY:
DOOR PANEL DETAILS

	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
5				
4	7/20/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
3	7/20/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
1	1/17/12	UPDATE TO 2010 FBC		JK
NO.	DATE			BY

DATE: 6/17/08

SCALE: N.T.S.

DWG. BY: JK

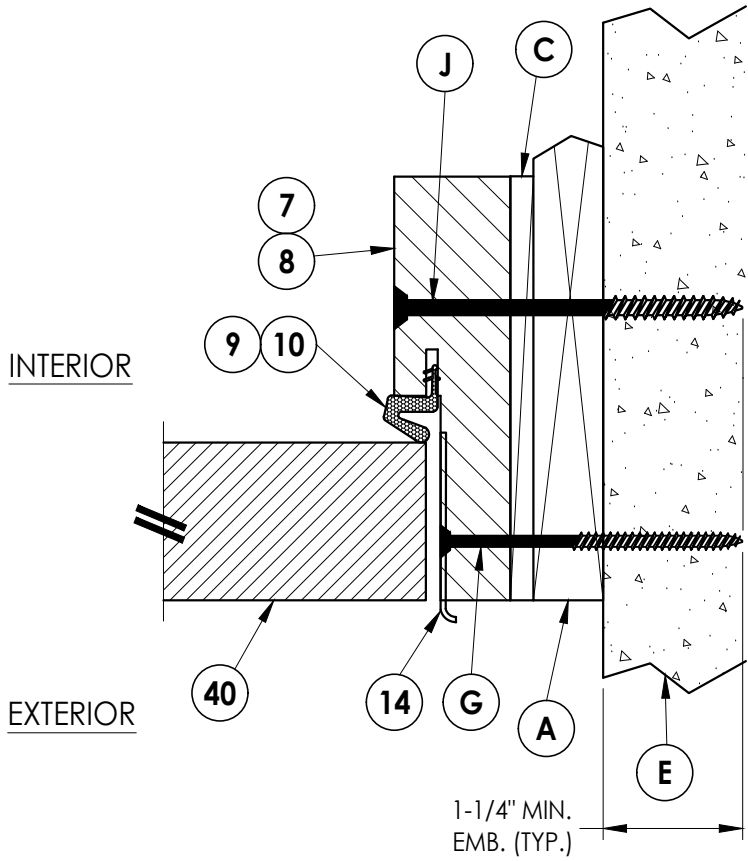
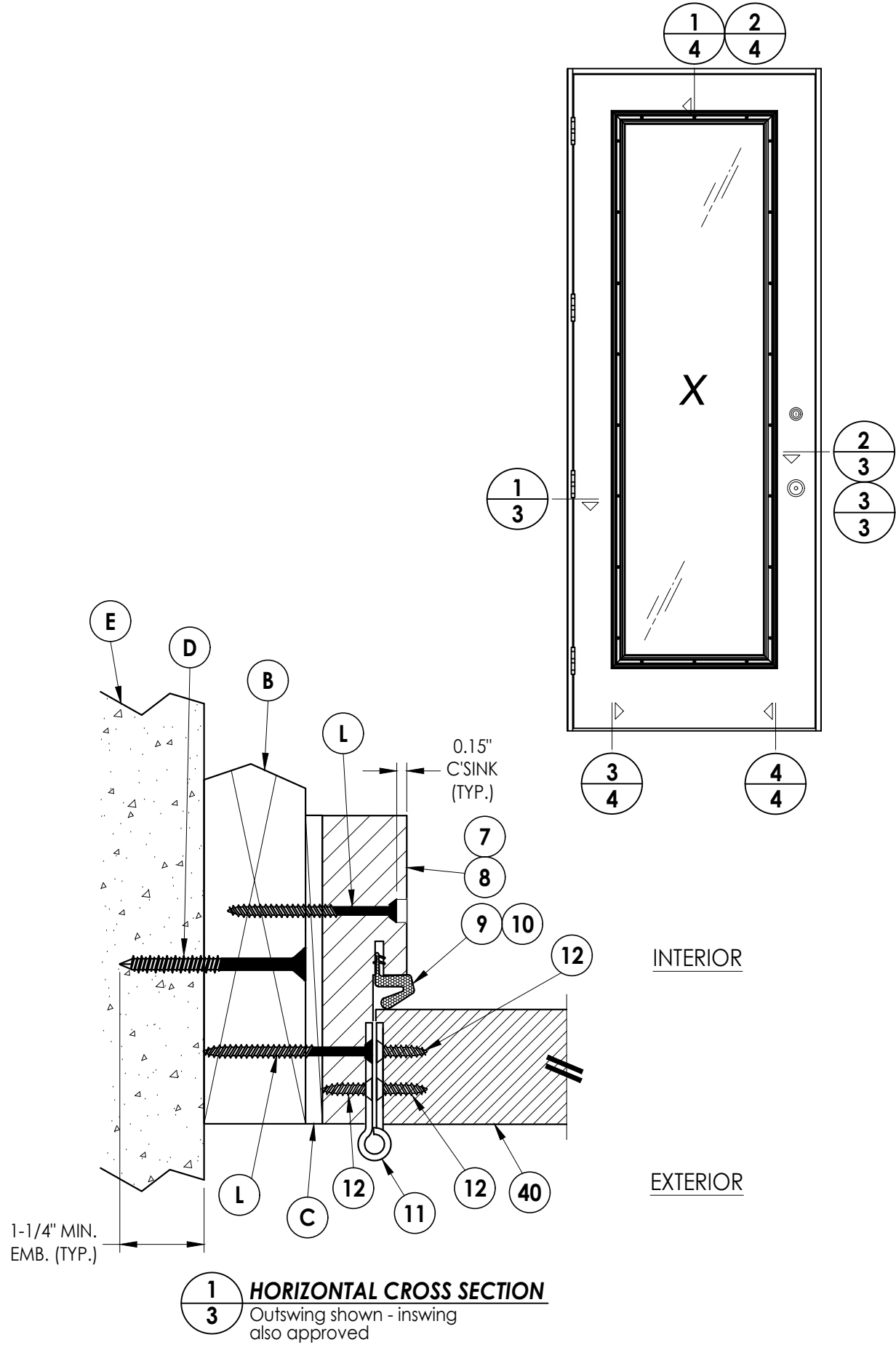
CHK. BY: LFS

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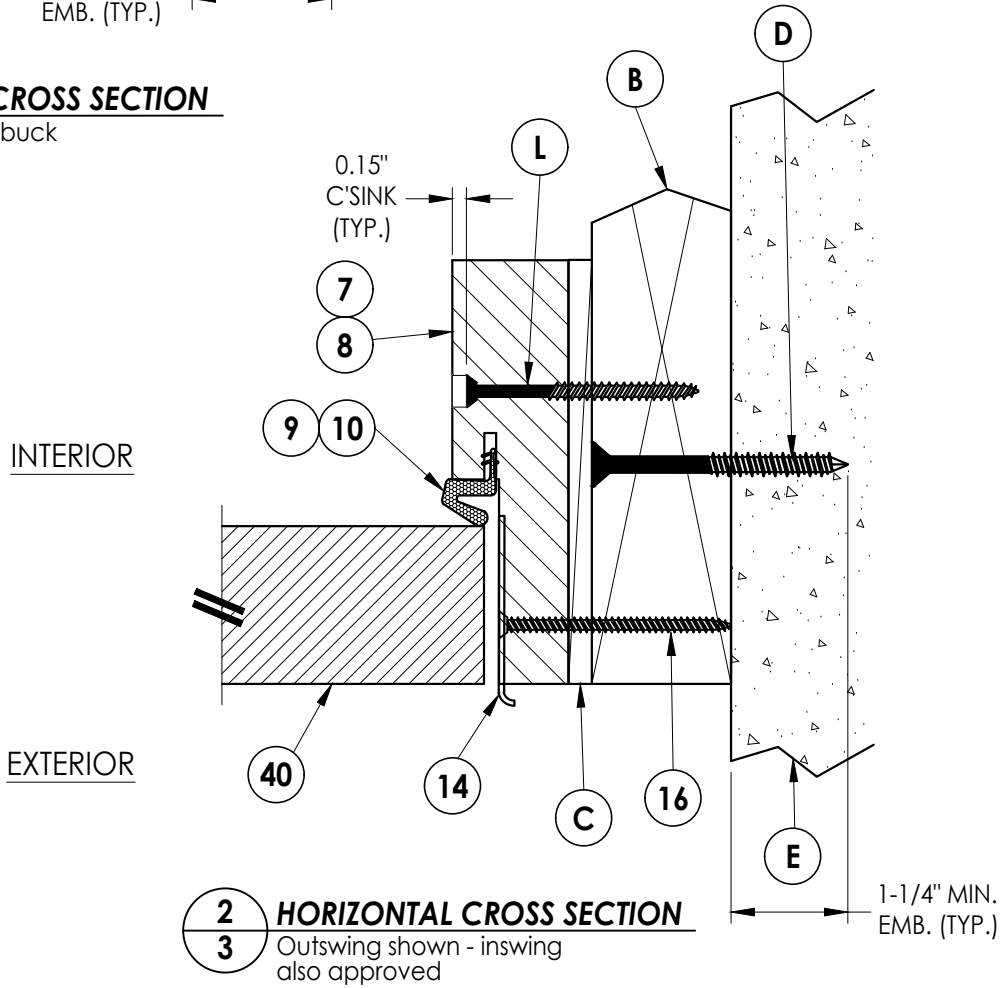
FL-9542.4

SHEET 2 OF 6

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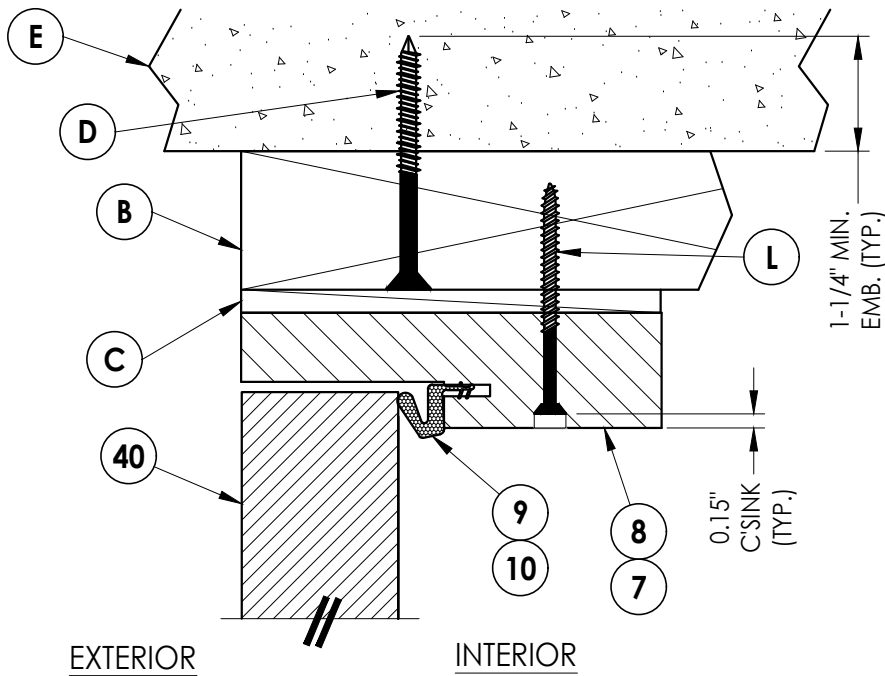
3 HORIZONTAL CROSS SECTION
Shown w/ 1X sub-buck



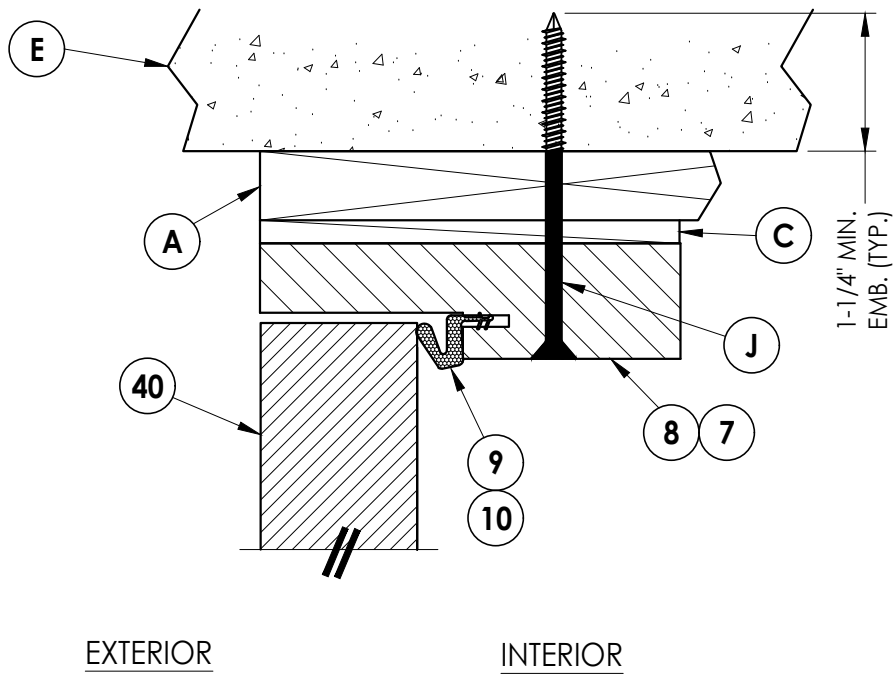
2 HORIZONTAL CROSS SECTION
Outswing shown - inswing also approved

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: TAYLOR DOORS		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS		
5	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
4	7/20/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
3	7/20/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
1	1/17/12	UPDATE TO 2010 FBC	JK	
NO.	DATE		BY	
REVISIONS				
DATE: 6/17/08				
SCALE: N.T.S.				
DWG. BY: JK				
CHK. BY: LFS				
DRAWING NO.: FL-9542.4				
SHEET 3 OF 6				

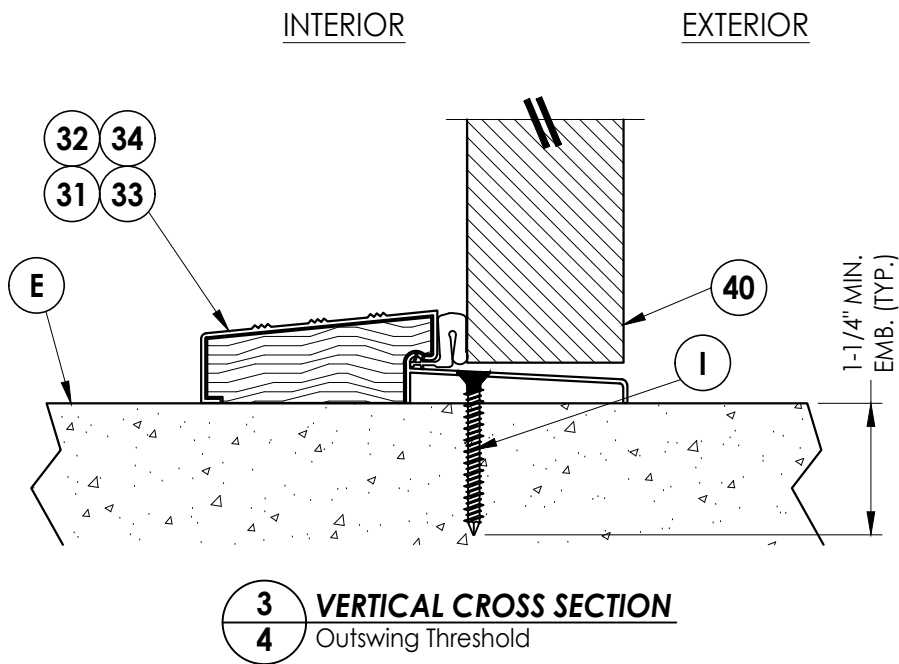
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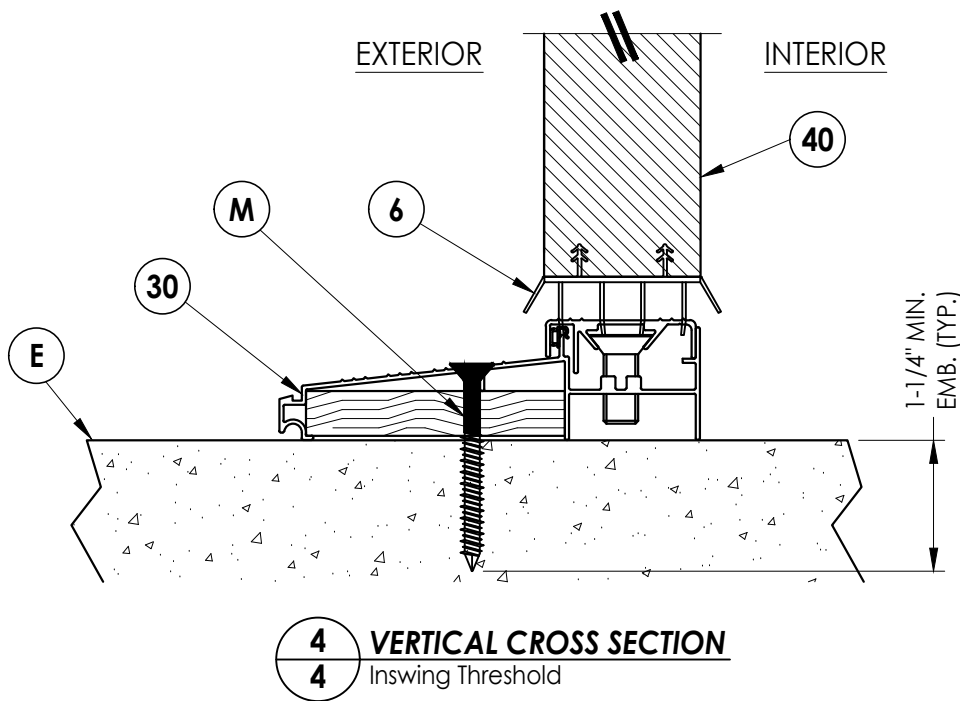
1
4 VERTICAL CROSS SECTION
Outswing shown - inswing
also approved



2
4 VERTICAL CROSS SECTION
Shown w/ 1X sub-buck



3
4 VERTICAL CROSS SECTION
Outswing Threshold



4
4 VERTICAL CROSS SECTION
Inswing Threshold

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FBPE Registry No. 9813

PRODUCT: TAYLOR DOORS

PART OR ASSEMBLY:

VERTICAL CROSS SECTIONS

NO.	DATE	REVISIONS			
		DATE	BY	CHK	APP
5	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	7/20/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
3	7/20/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
2	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	LFS	
1	1/17/12	UPDATE TO 2010 FBC	JK		

DATE: 6/17/08

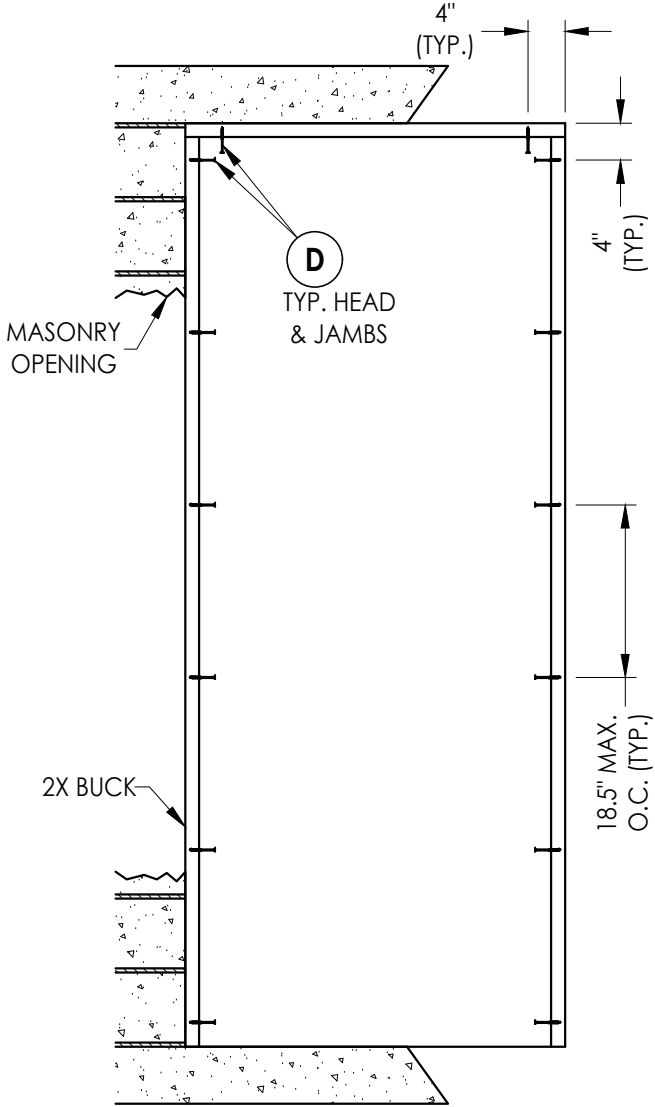
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DWG. BY: JK

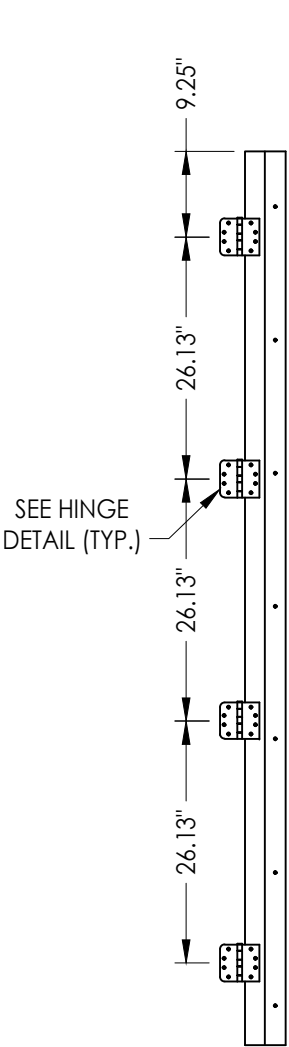
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DRAWING NO.: FL-9542.4

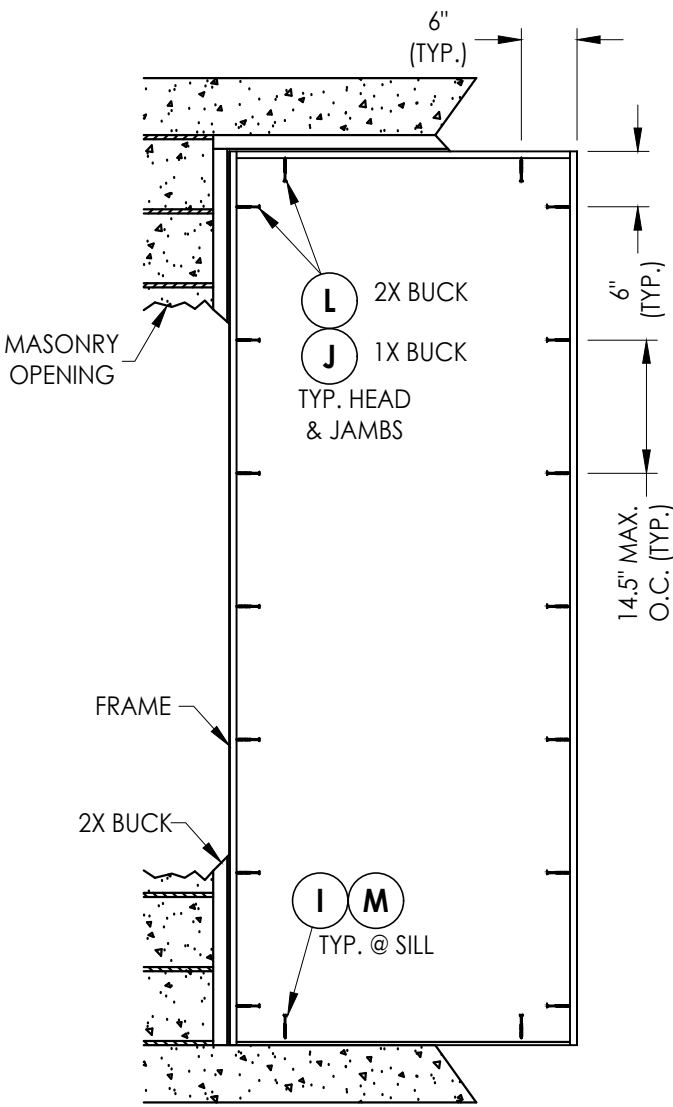
SHEET 4 OF 6



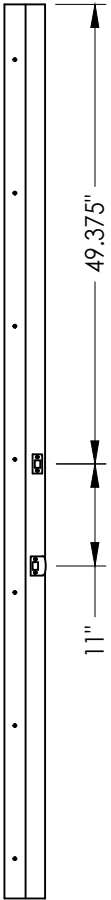
BUCK ANCHORING



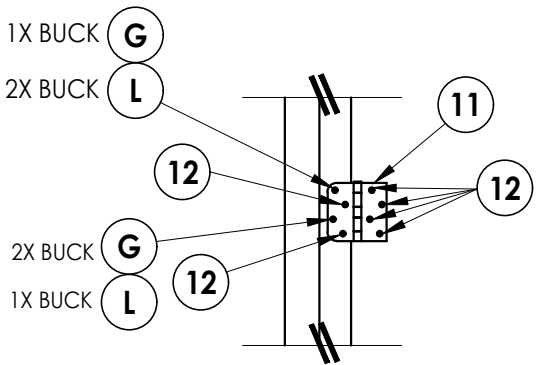
HINGE JAMB



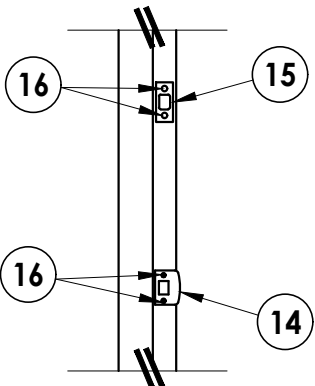
FRAME ANCHORING



STRIKE JAMB



HINGE DETAIL



LATCH & DEADBOLT DETAIL

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®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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.

5	7/06/23	UPDATE TO 8TH ED.	(2023) FBC LFS
4	7/20/20	UPDATE TO 7TH ED.	(2020) FBC LFS
3	7/20/17	UPDATE TO 6TH ED.	(2017) FBC JK
2	3/03/15	UPDATE TO 5TH ED.	(2014) FBC LFS
1	1/17/12	UPDATE TO 2010	FBC JK
NO.	DATE		BY
			REVISIONS

DATE: 6/17/08

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-9542.4

SHEET 5 OF 6

Documents Prepared By:
Lyndon F. Schmidt
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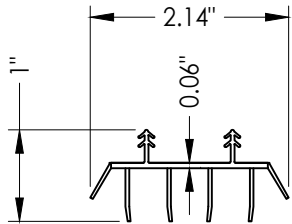
R²N
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33486
Phone No.: 813.659.9197
FBPE Registry No. 9813

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

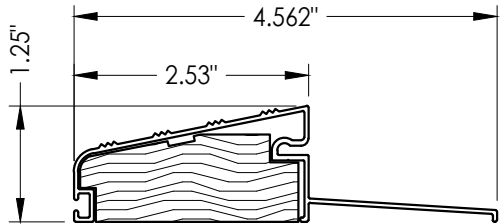
BUCK AND FRAME ANCHORING

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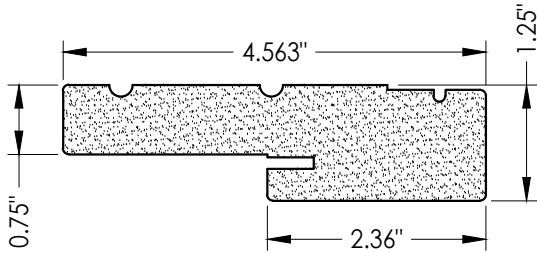
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.55)	WOOD
B	2X BUCK (G >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
I	1/4" X 1-3/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	1/4" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
6	DOOR BOTTOM SWEEP	VINYL
7	JAMB (POLYFIBER)	COMP.
8	JAMB (PINE)	WOOD
9	MEDIUM REACH COMPRESSION WEATHERSTRIP (TAYLOR DOORS)	FOAM
10	LONG REACH COMPRESSION WEATHERSTRIP (TAYLOR DOORS)	FOAM
11	HINGE	STEEL
12	#10 X 3/4" PFH WOOD SCREW	STEEL
14	LATCH STRIKE PLATE	STEEL
15	DEADBOLT STRIKE PLATE	STEEL
16	#8 X 2-1/2" PFH WOOD SCREW	STEEL
30	INSWING THRESHOLD (BY DLP)	ALUM./WOOD
31	OUTSWING THRESHOLD (QOS BY DLP)	ALUM./WOOD
32	OUTSWING THRESHOLD (QOSH BY DLP)	ALUM./WOOD
33	OUTSWING THRESHOLD (BY COMBO)	ALUM./WOOD
34	OUTSWING THRESHOLD (OSHC BY DLP)	ALUMINUM
40	DOOR - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-



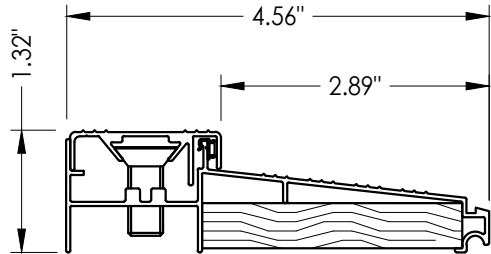
6 SWEEP



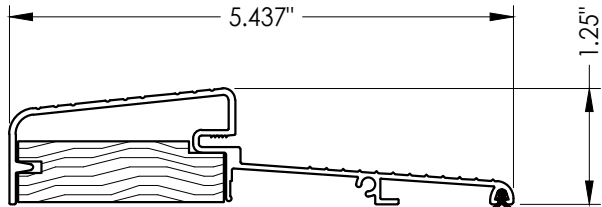
32 OUTSWING THRESHOLD
QOSH



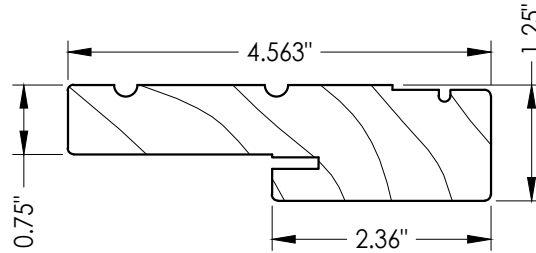
7 HEAD & SIDE
Jamb (Polyfiber)



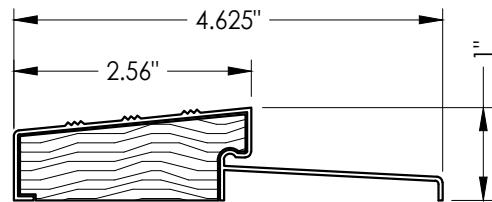
30 INSWING THRESHOLD



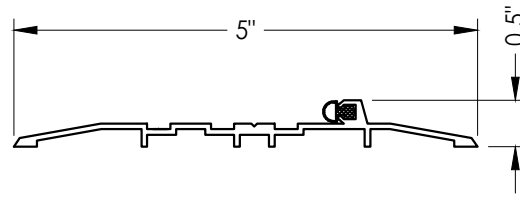
33 OUTSWING THRESHOLD
By Combo



8 HEAD & SIDE
Jamb (wood)



31 OUTSWING THRESHOLD
QOS



34 OUTSWING THRESHOLD
OSHC

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: TAYLOR DOORS				PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS			
5	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS			
4	7/20/20	UPDATE TO 7TH ED. (2020)	FBC	LFS			
3	7/20/17	UPDATE TO 6TH ED. (2017)	FBC	JK			
2	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	LFS			
1	1/17/12	UPDATE TO 2010 FBC		JK			
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DATE: 6/17/08							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-9542.4							
SHEET 6 OF 6							