



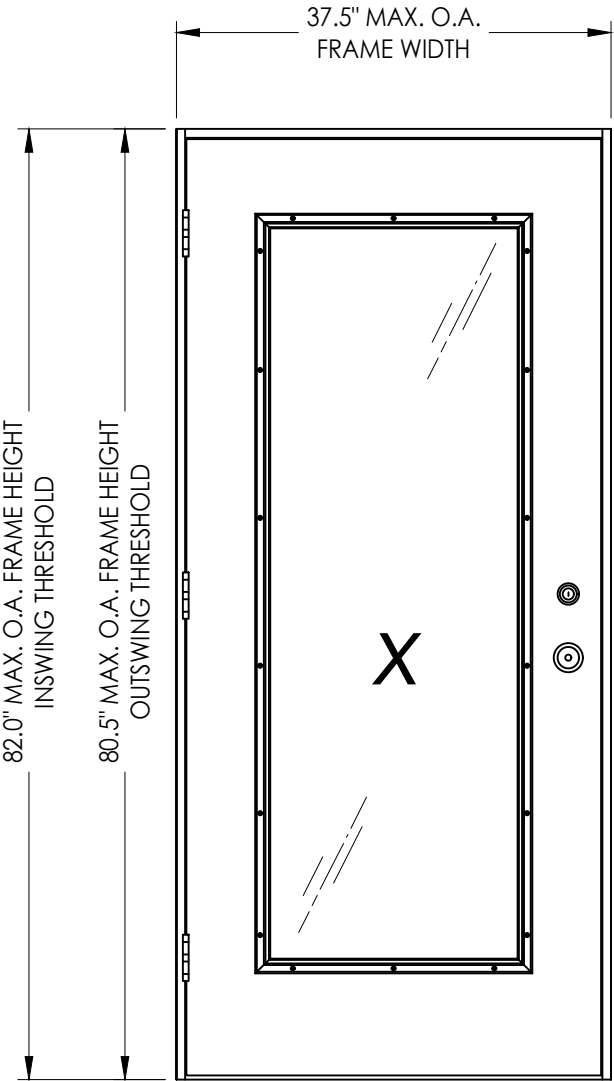
AMERICA'S DOORMAKER
631 N. FIRST ST. WEST BRANCH, MI 48661

STEEL EDGE GLAZED SINGLE DOOR
INSWING / OUTSWING
"NON-IMPACT"

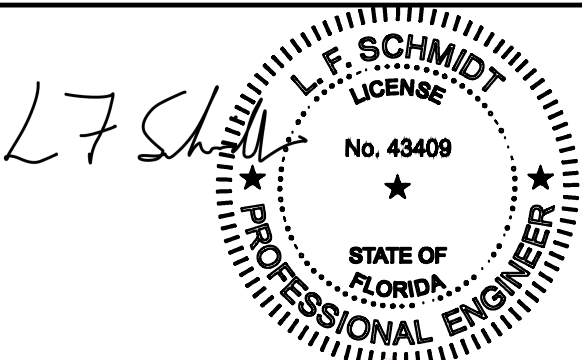
GENERAL NOTES

- 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



MAX. FRAME DIMENSION	MAX. D.L.O. DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
37.5" x 82.0"	21.0" x 63.0"	+40.0	-40.0	+40.0	-40.0



Digitally signed by Lyndon F Schmidt
Date: 2023.07.06 16:38:35 -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

PRODUCT: TAYLOR DOORS

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

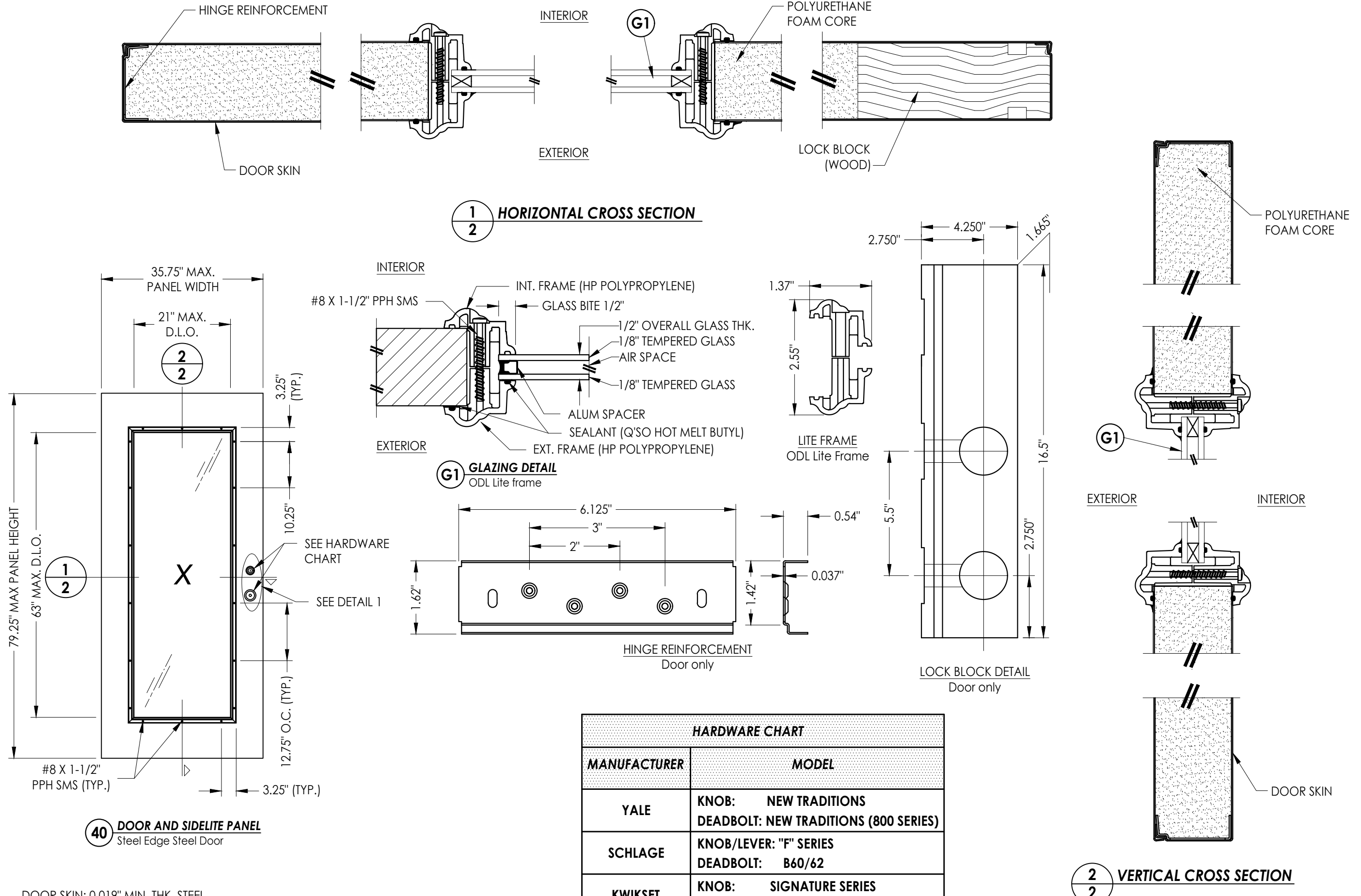
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4	7/20/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
3	7/20/17	UPDATE TO 6TH ED. (2017)	FBC	JK
2	3/03/15	UPDATE TO 5TH ED. (2014)	FBC	LFS
1	1/17/12	UPDATE TO 2010	FBC	JK
NO.	DATE	REVISIONS		

DATE: 6/17/08
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-9542.1
SHEET 1 OF 6

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

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HARDWARE CHART	
MANUFACTURER	MODEL
YALE	Knob: NEW TRADITIONS Deadbolt: NEW TRADITIONS (800 SERIES)
SCHLAGE	Knob/Lever: "F" SERIES Deadbolt: B60/62
KWIKSET	Knob: SIGNATURE SERIES Deadbolt: SIGNATURE SERIES (980)

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PRODUCT: TAYLOR DOORS

PART OR ASSEMBLY: DOOR PANEL DETAILS

NO.	DATE	REVISIONS			
		DATE	BY	DESCRIPTION	
5	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
4	7/20/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
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SHEET 2 OF 6

A diagram of a rectangular room with a central 'X' and six circular callouts with numbers. The callouts are arranged as follows: top-left (1/4), top-right (2/4), middle-left (1/3), middle-right (2/3 and 3/3), bottom-left (3/4), and bottom-right (4/4). The room has a double-line border and a central rectangle with a dashed line and an 'X' inside. Arrows point from the callouts to the room's perimeter.

EXTERIOR

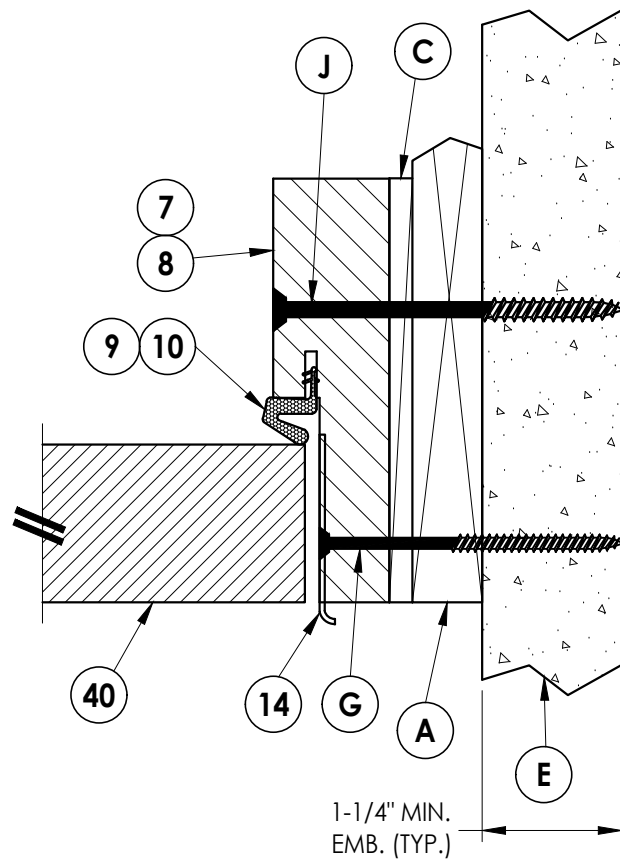
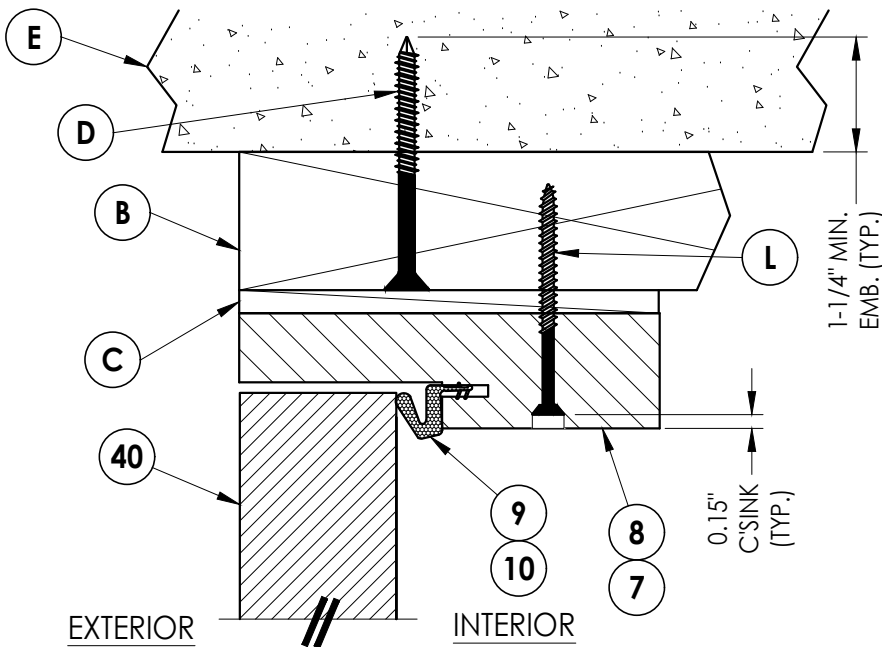


Diagram illustrating a horizontal cross section of a wall assembly. The assembly includes a concrete foundation (40), a vertical wall section (7, 8), and an exterior finish (9, 10). A 0.15" C'SINK (TYP.) is indicated. The wall is anchored into the foundation with a bolt (14) and a nut (16). A vertical reinforcement bar (C) is shown. The exterior finish is labeled D. A detail E shows a 1-1/4" MIN. EMB. (TYP.) at the base of the exterior finish.

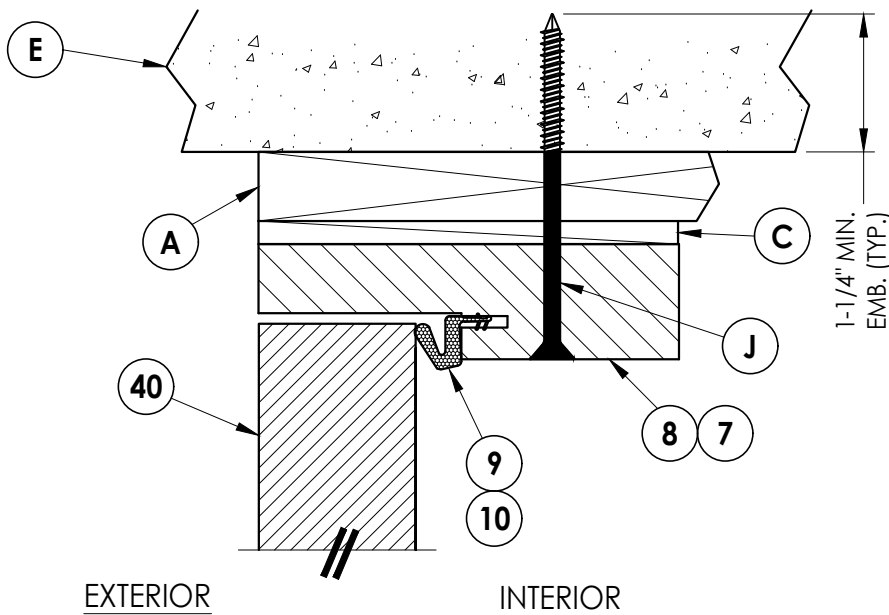
2 HORIZONTAL CROSS SECTION

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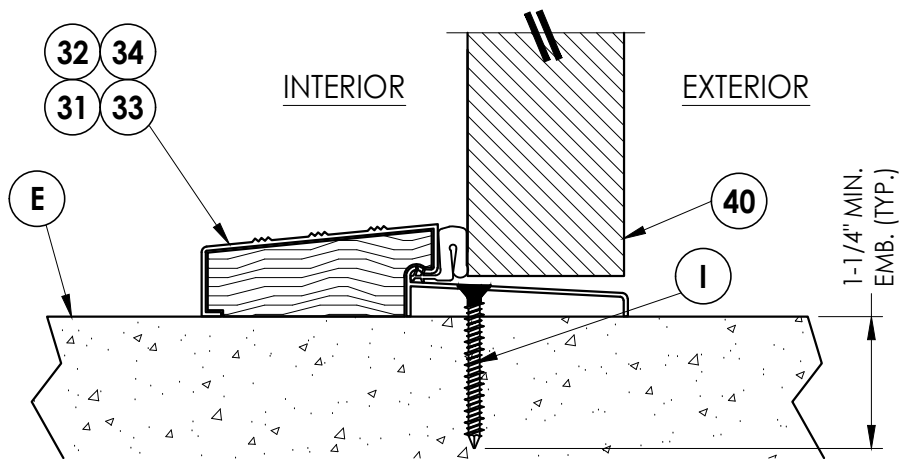
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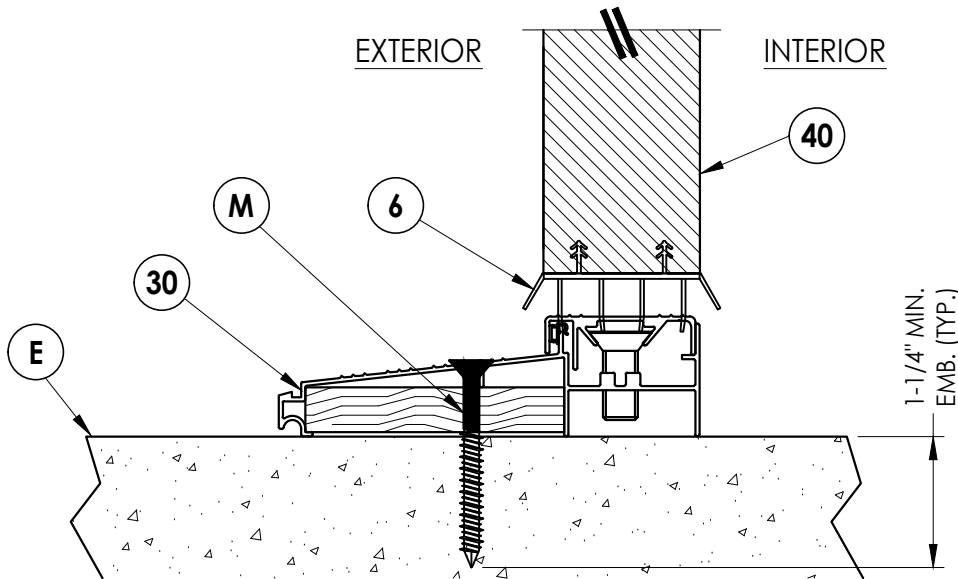
1
4 **VERTICAL CROSS SECTION**
Outswing shown - inswing
also approved



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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PRODUCT: TAYLOR DOORS

PART OR ASSEMBLY:

VERTICAL CROSS SECTIONS

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5	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
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DWG. BY: JK

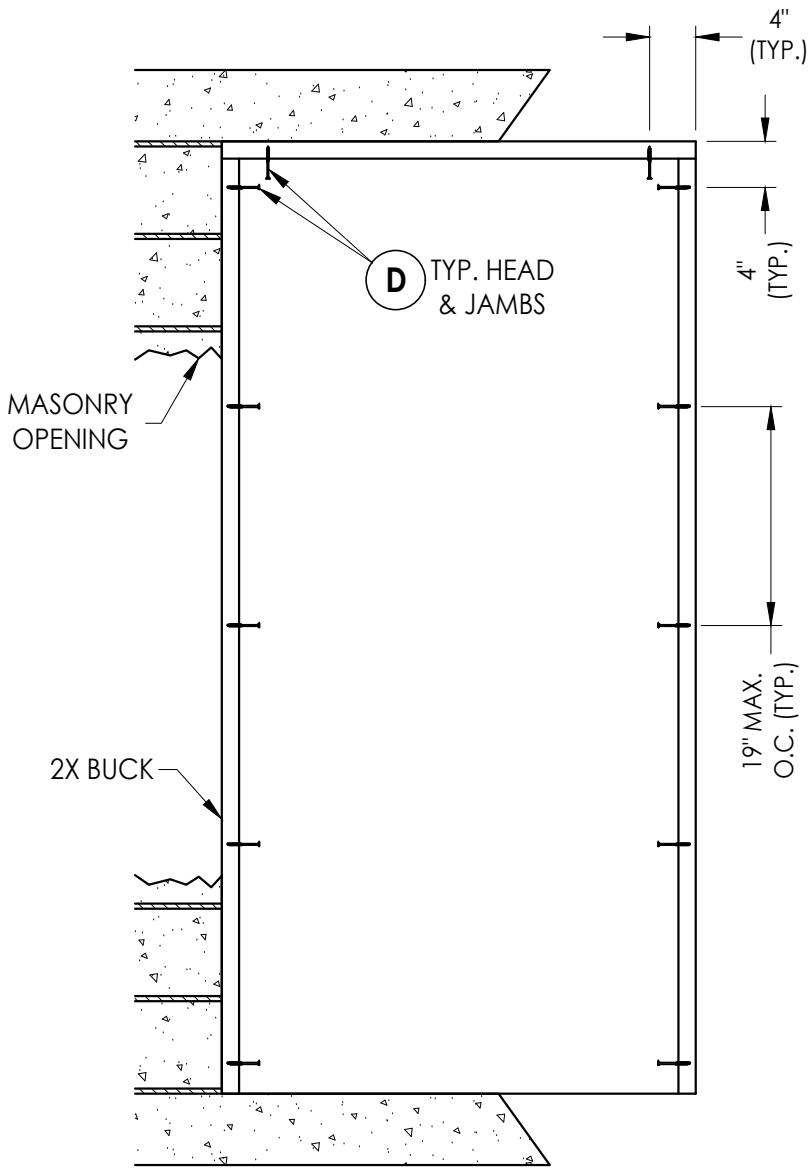
CHK. BY: LFS

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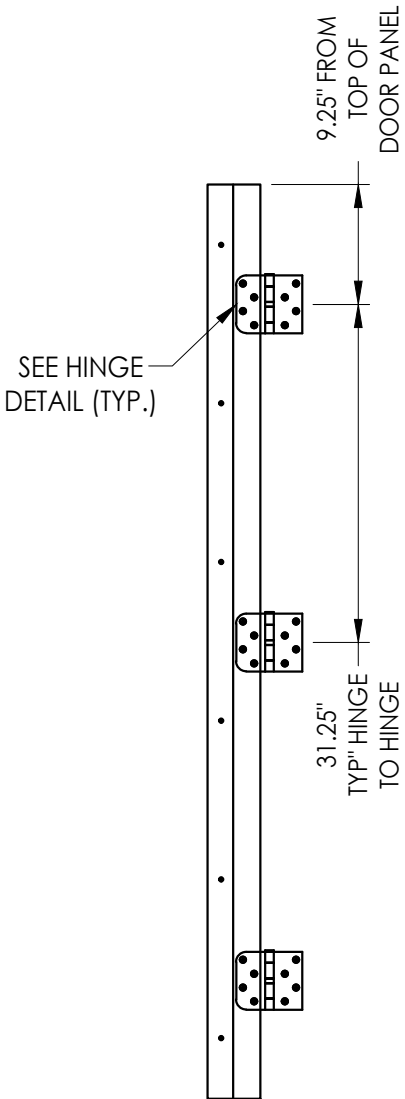
FL-9542.1

SHEET 4 OF 6

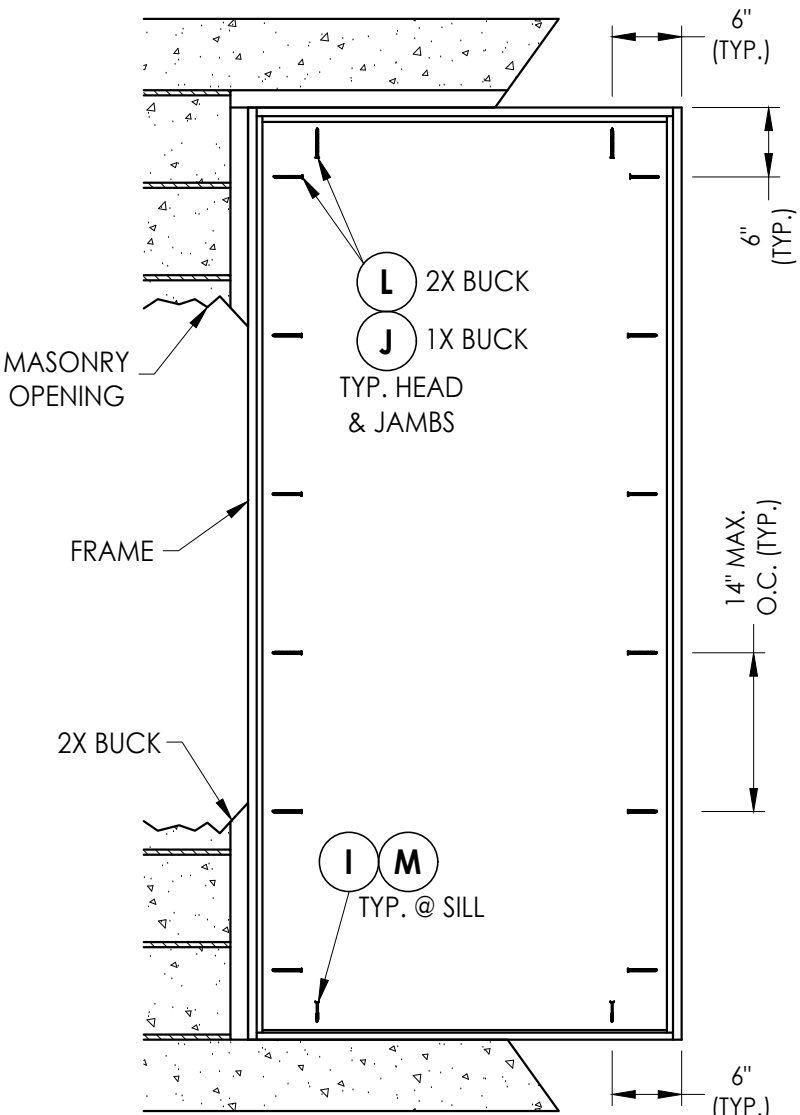
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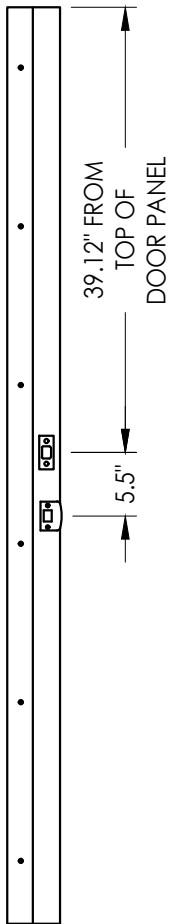
BUCK ANCHORING



HINGE JAMB



FRAME ANCHORING



STRIKE JAMB

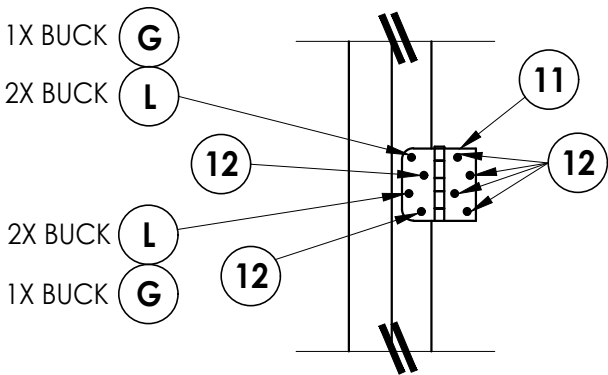
CONCRETE ANCHOR NOTES:

- 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:

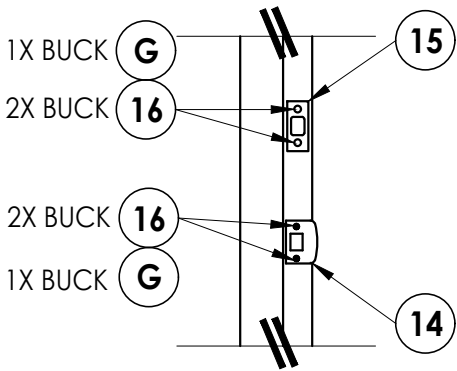
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

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



HINGE DETAIL



LATCH & DEADBOLT DETAIL

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PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING

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	NO.	DATE			

REVISIONS

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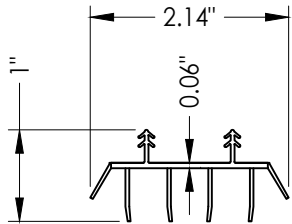
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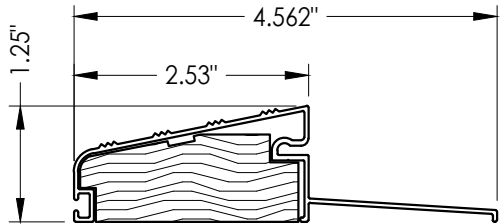
SHEET 5 OF 6

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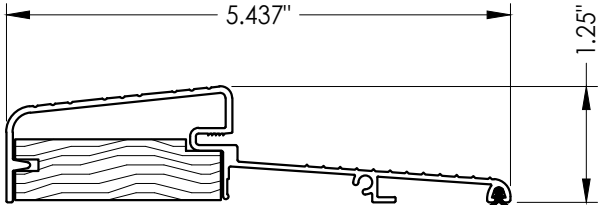
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (G >= 0.55)	WOOD
B	2X BUCK (G >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" 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	-



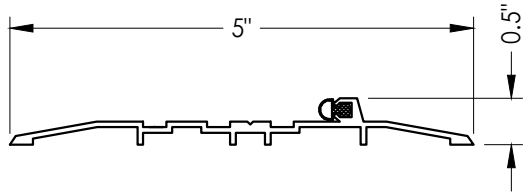
6 SWEEP



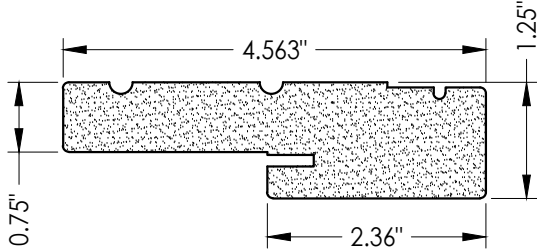
32 OUTSWING THRESHOLD
QOSH



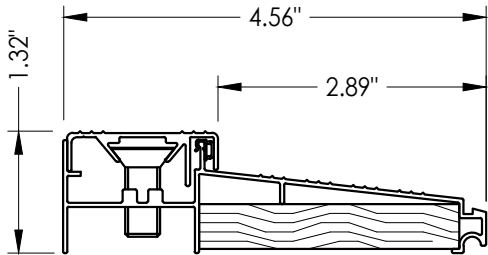
33 OUTSWING THRESHOLD
By Combo



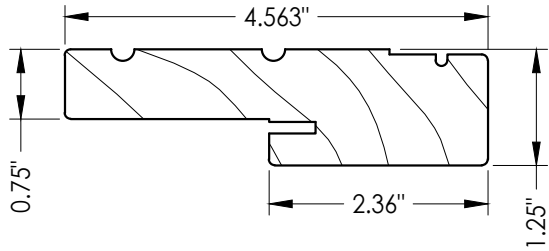
34 OUTSWING THRESHOLD
OSHC



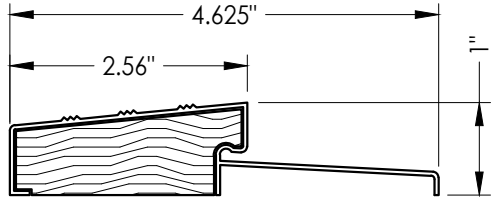
7 HEAD & SIDE
Jamb (Polyfiber)



30 INSWING THRESHOLD



8 HEAD & SIDE
Jamb (wood)



31 OUTSWING THRESHOLD
QOS

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SHEET 6 OF 6							