



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

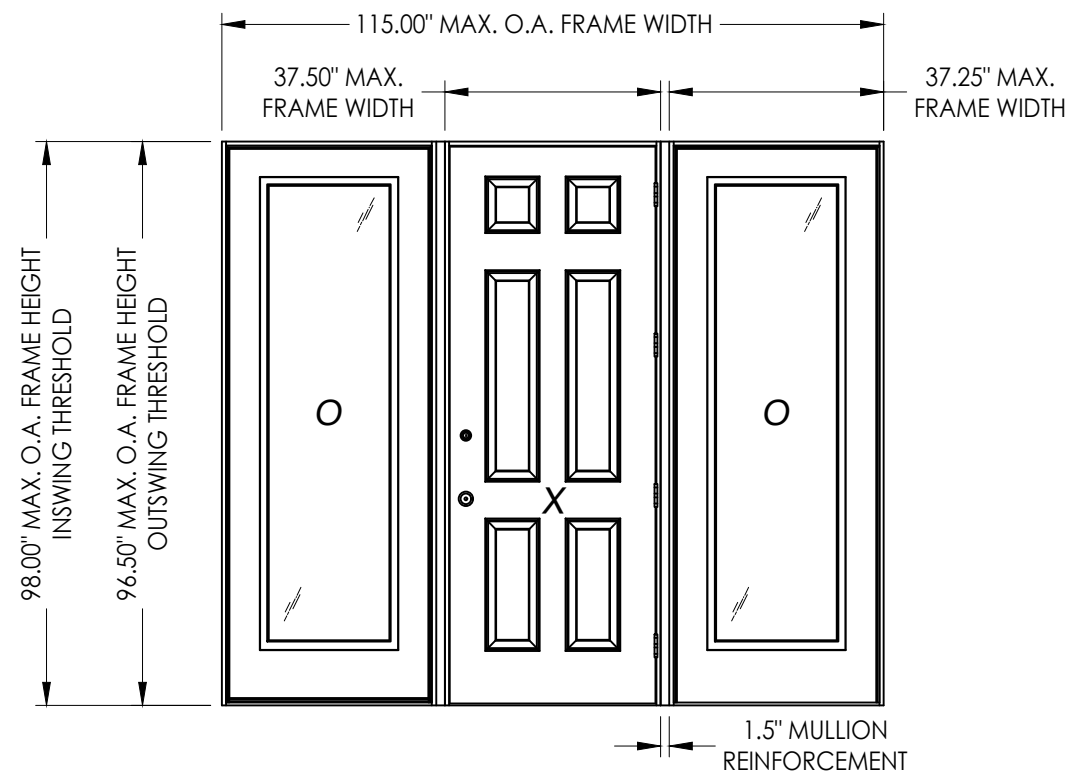
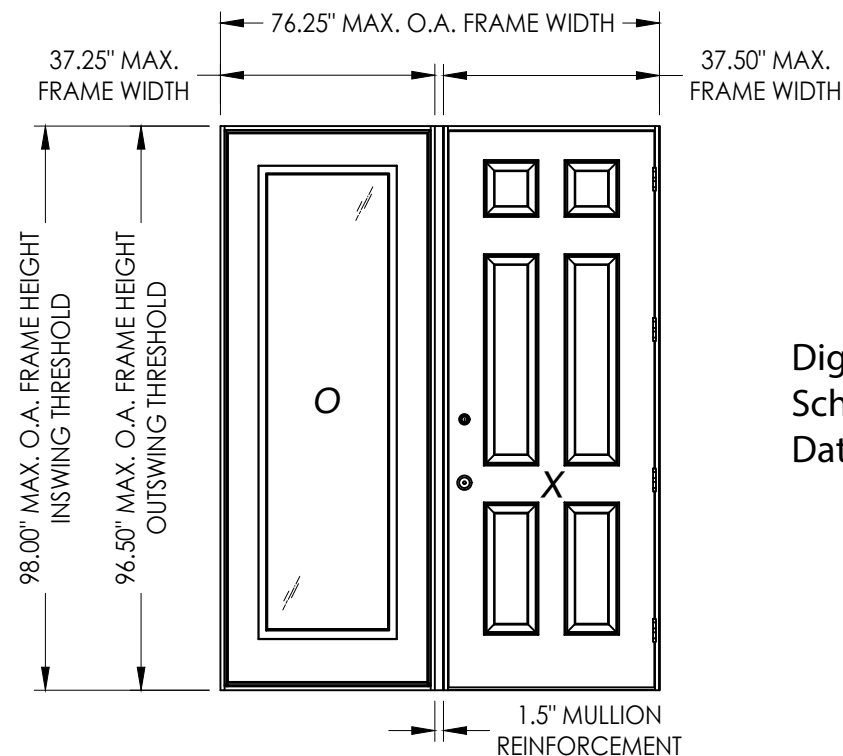
WOOD EDGE OPAQUE SINGLE DOOR with SIDELITE(S) INSWING / OUTSWING "IMPACT"

GENERAL NOTES

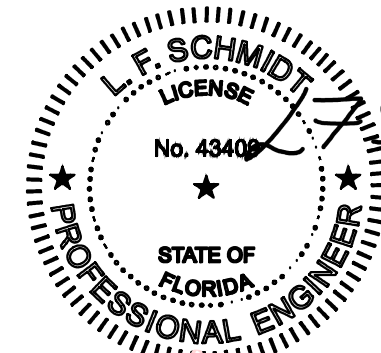
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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. 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	Sidelite panel details
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5	Horizontal cross sections
6	Vertical cross sections
7	Buck anchoring
8	Frame anchoring
9	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
76.25" x 98.0"	20.5" x 62.5"	+50.0	-50.0	+50.0	-50.0
115.0" x 98.0"	20.5" x 62.5"	+50.0	-50.0	+50.0	-50.0



Digitally signed by Lyndon F Schmidt
Date: 2023.07.18 10:58:01 -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

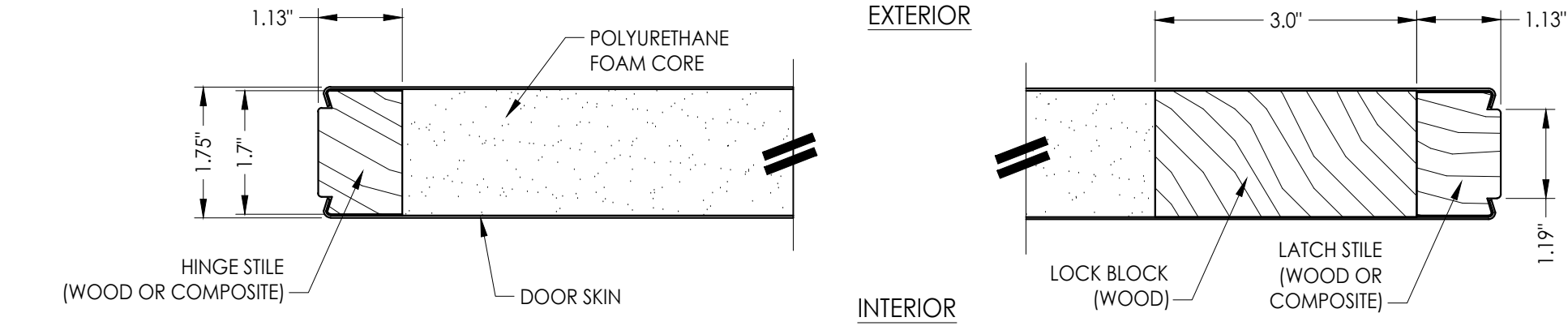
PRODUCT: TAYLOR DOORS

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

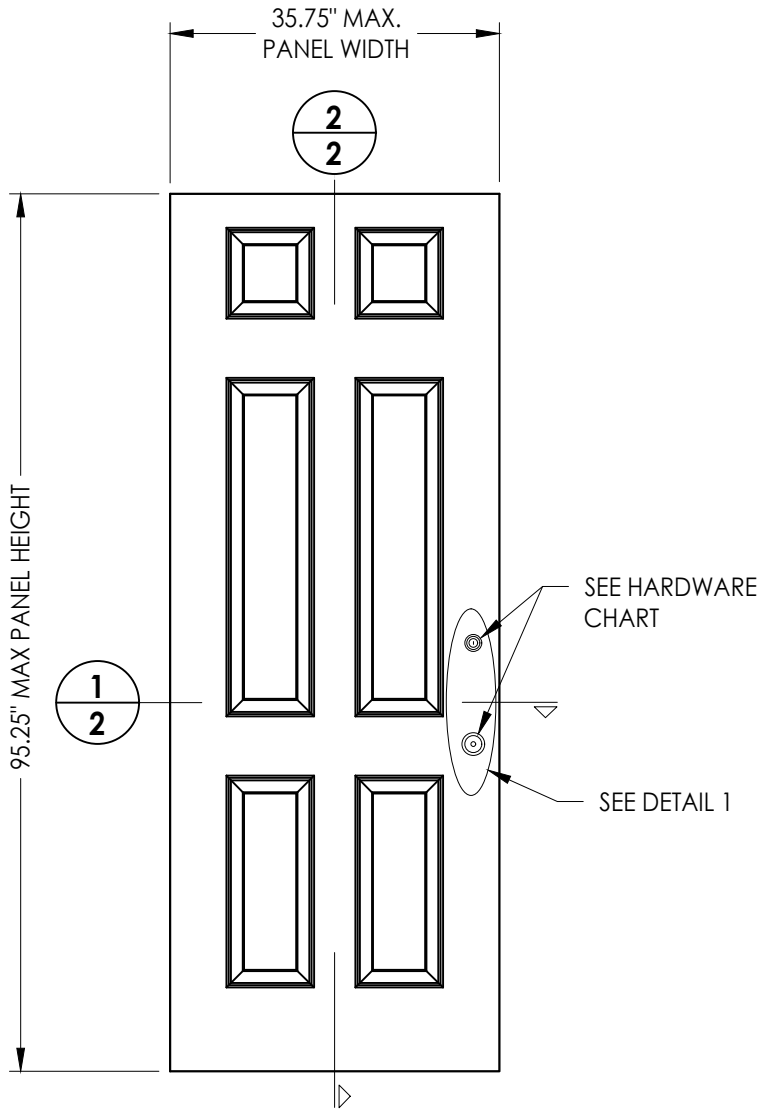
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3	7/20/20	UPDATE TO 7th ED (2020) FBC
2	7/17/17	UPDATE TO 6TH ED. (2017) FBC
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 1/12/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15135.15
SHEET 1 OF 9

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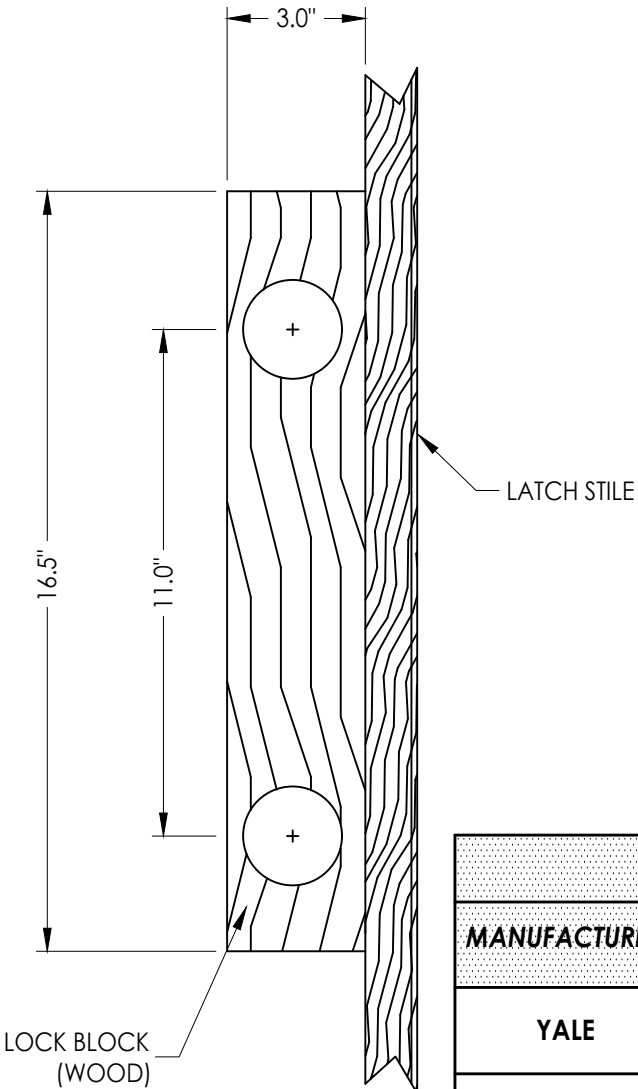


1
2 HORIZONTAL CROSS SECTION



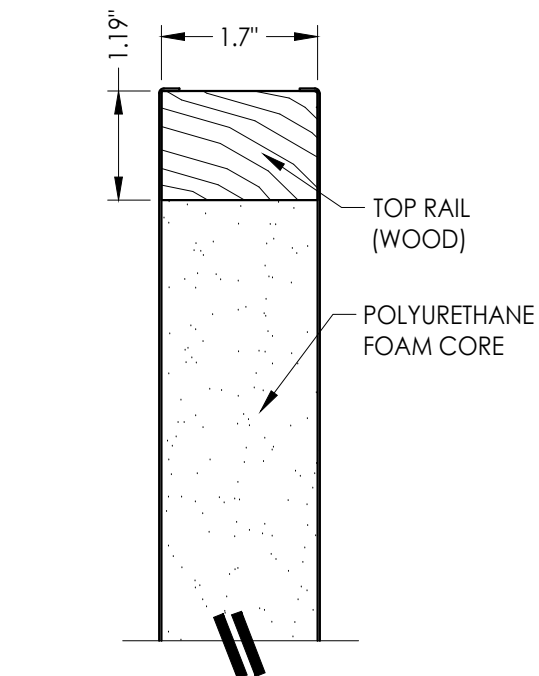
40 DOOR PANEL
Wood Edge
Steel Door

DOOR SKIN: 0.019" MIN. THK. STEEL
CORE MATERIAL: POLYURETHANE FOAM



DETAIL 1

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)



2
2 VERTICAL CROSS SECTION

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TAYLOR DOORS

DOOR PANEL DETAILS

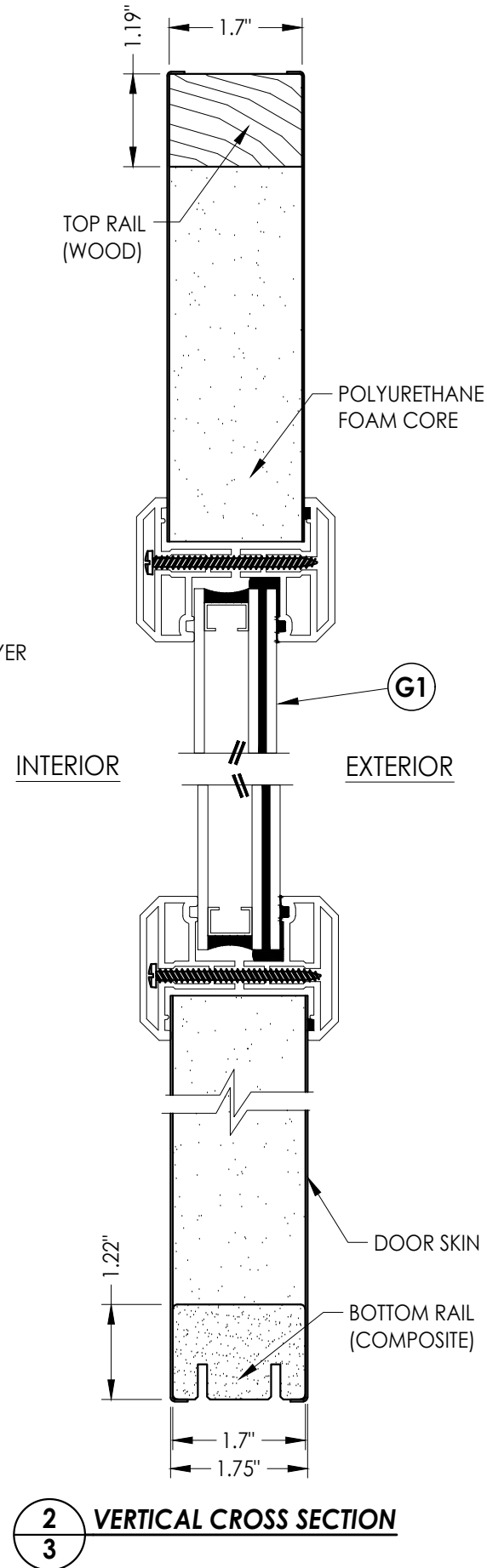
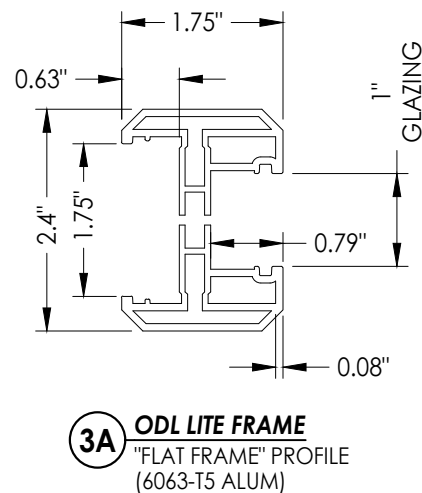
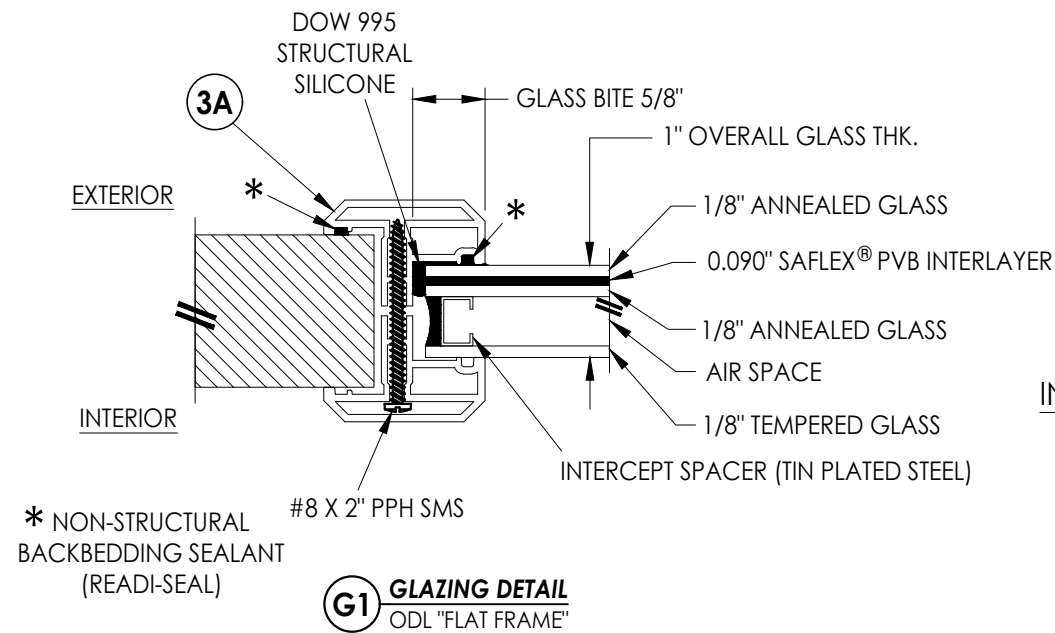
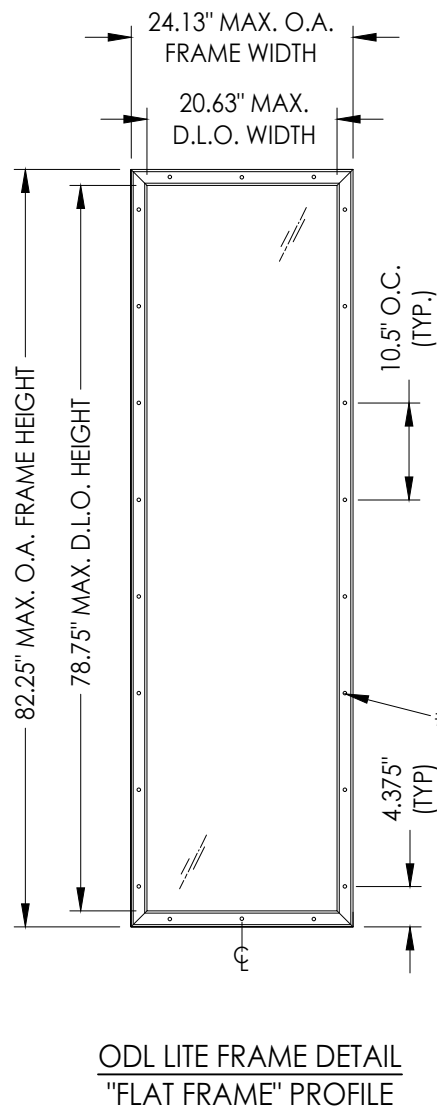
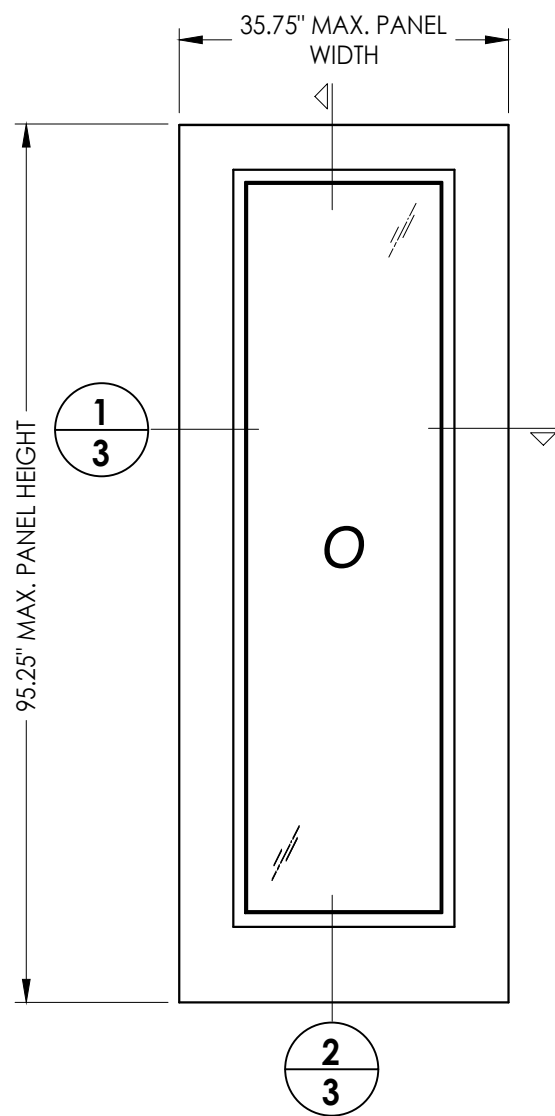
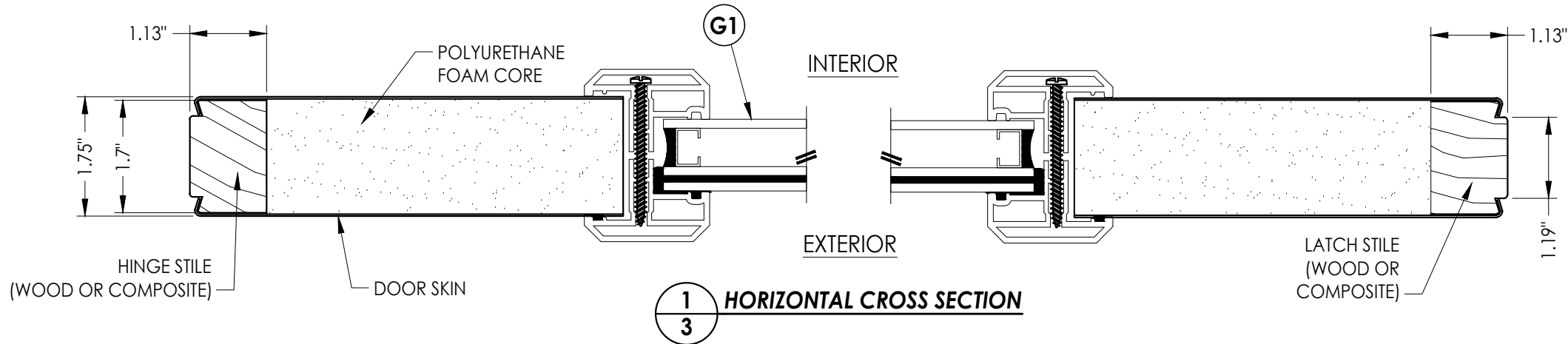
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3	7/20/20	UPDATE TO 7TH ED (2020) FBC	LFS
2	7/17/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO.	DATE		BY

DATE: 1/12/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15135.15
SHEET 2 OF 9

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

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DOOR SKIN: 0.019" MIN. THK. STEEL
CORE MATERIAL: POLYURETHANE FOAM

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PRODUCT: TAYLOR DOORS

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS

NO.	DATE	REVISIONS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC & REVISE ALUMINUM LITE FRAME
3	7/20/20	UPDATE TO 7th ED (2020) FBC
2	7/17/17	UPDATE TO 6TH ED. (2017) FBC
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC
		BY

DATE: 1/12/12

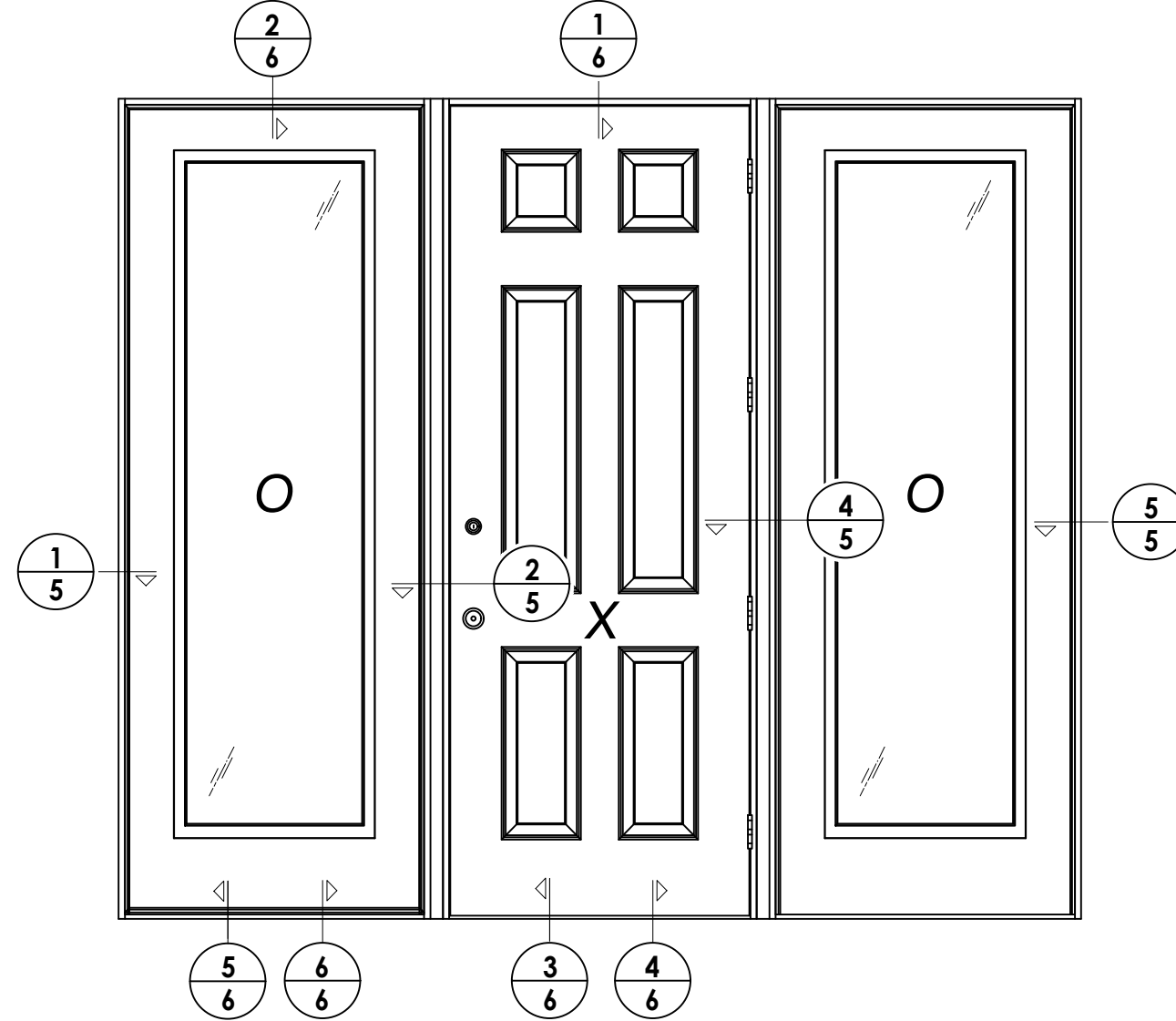
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DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-15135.15

SHEET 3 OF 9



4	7/06/23	UPDATE TO 8TH ED. (2023) FBC & REVISE ALUMINUM LITE FRAME	LFS
3	7/20/20	UPDATE TO 7th ED (2020) FBC	LFS
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1	3/9/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO.	DATE		BY
			REVISIONS

DATE: 1/12/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15135.15

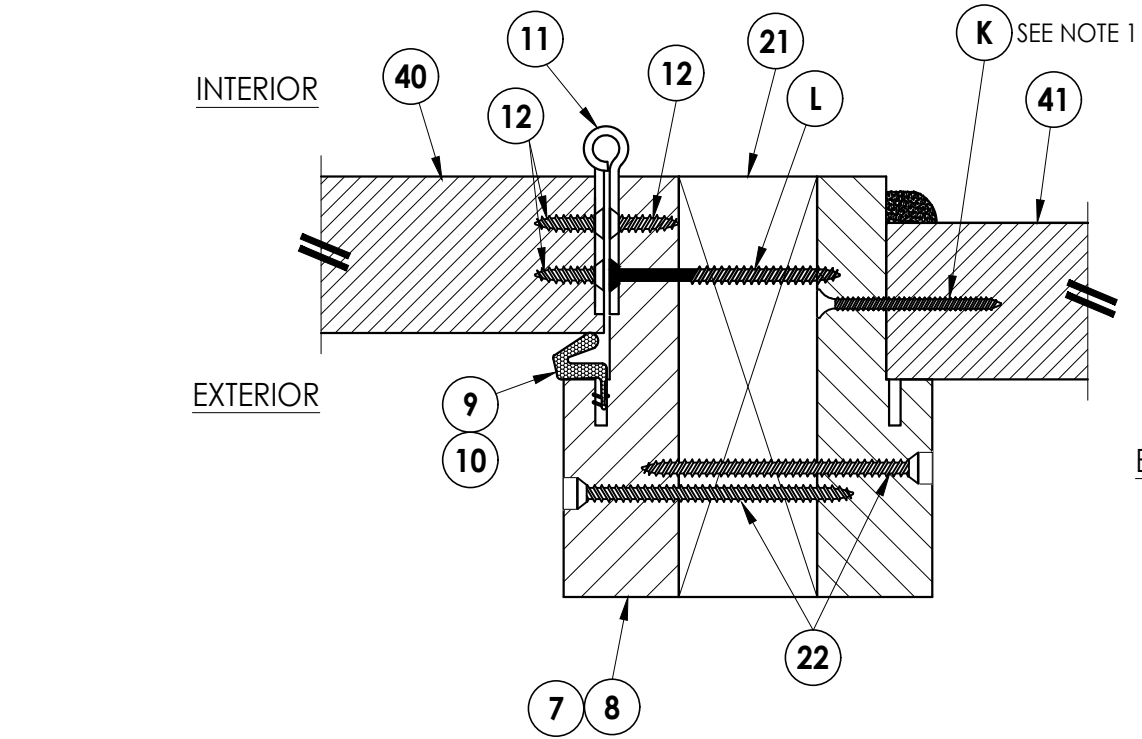
SHEET 4 OF 9

<u>PRODUCT:</u> TAYLOR DOORS	<u>PART OR ASSEMBLY:</u> ELEVATIONS
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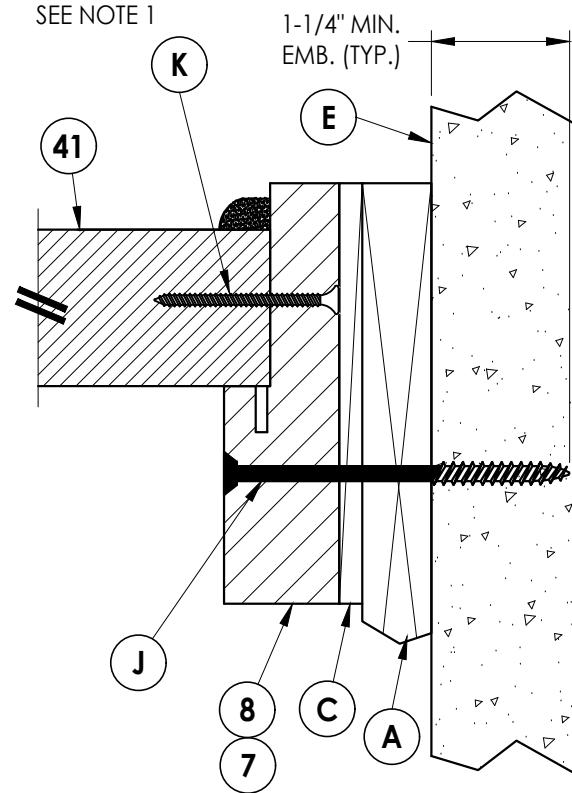
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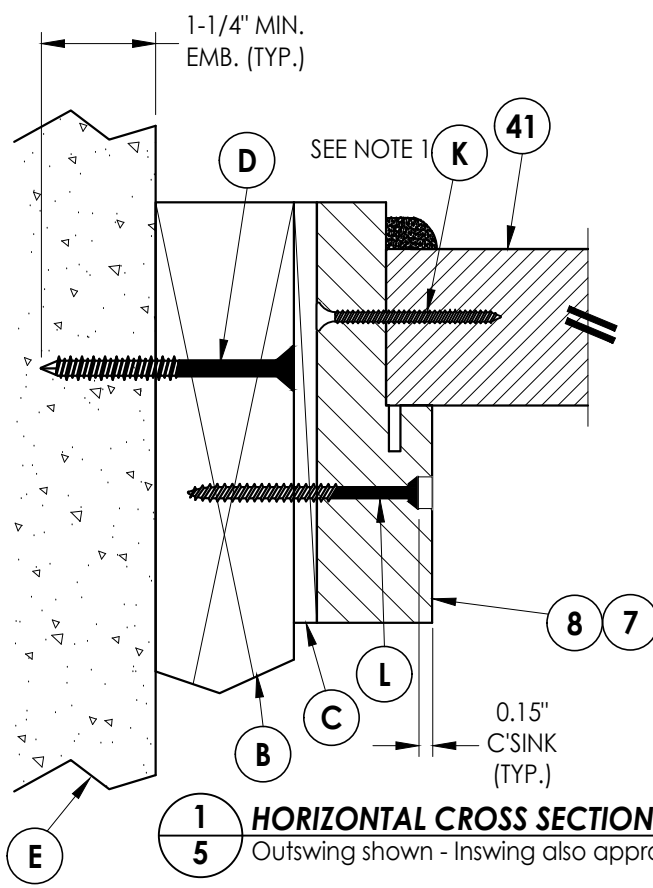


4 HORIZONTAL CROSS SECTION
5 Inswing hinge jamb @ sidelite jamb

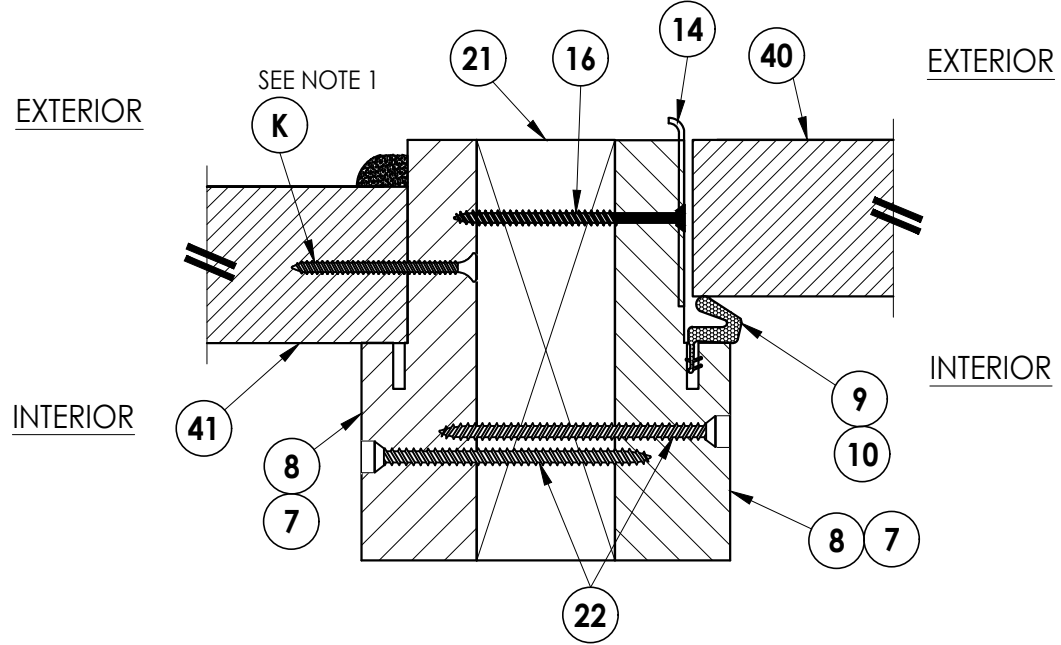


5 HORIZONTAL CROSS SECTION
5 Shown w/1X sub-buck

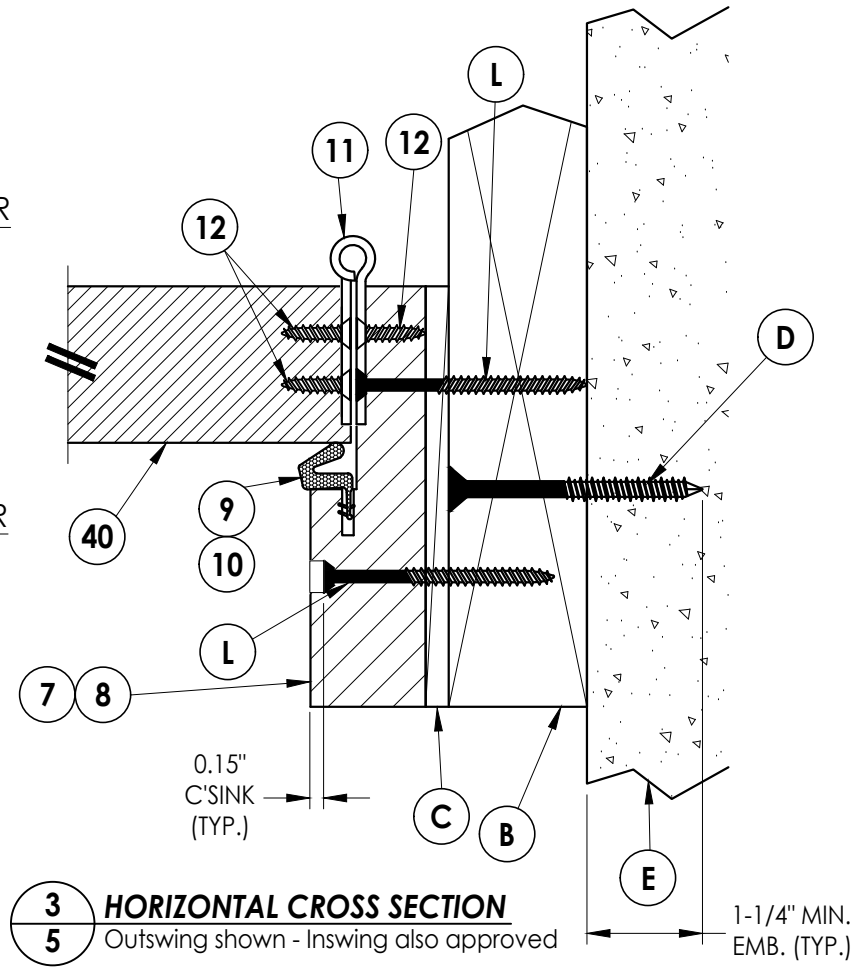
NOTE:
1. SIDELITE PANELS ANCHORED TO FRAME 6" FROM TOP OF FRAME THEN 10" O.C. (TYP.), 8 SCREWS TOTAL EACH JAMB.



1 HORIZONTAL CROSS SECTION
5 Outswing shown - Inswing also approved



2 HORIZONTAL CROSS SECTION
5 Outswing shown - Inswing also approved



3 HORIZONTAL CROSS SECTION
5 Outswing shown - Inswing also approved

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

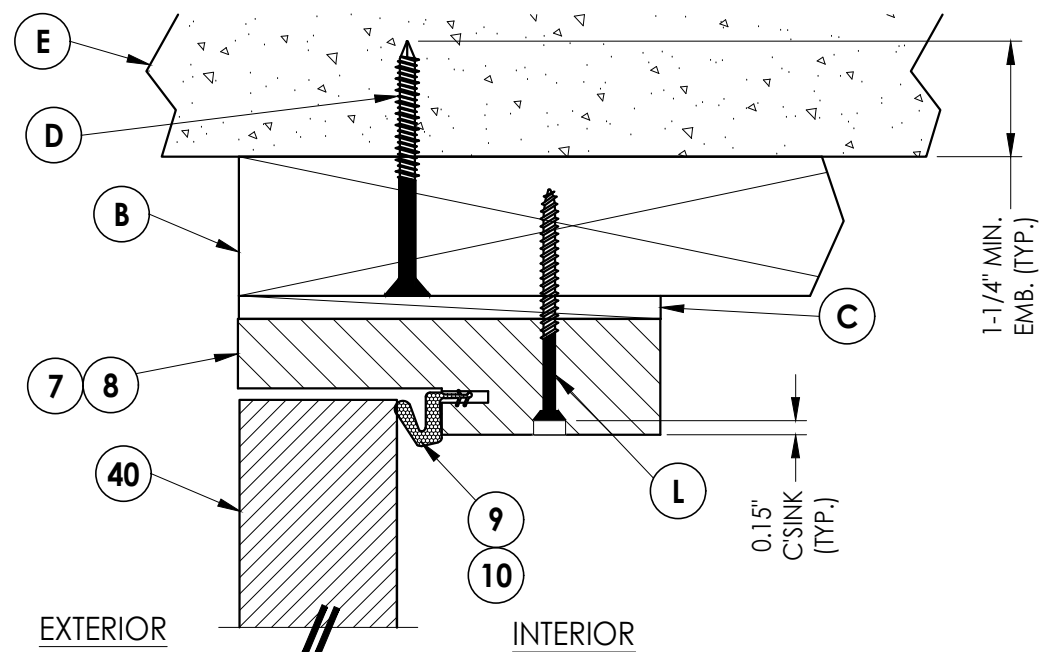
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P.O. Box 230, Valrico, FL 33595
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PRODUCT: TAYLOR DOORS

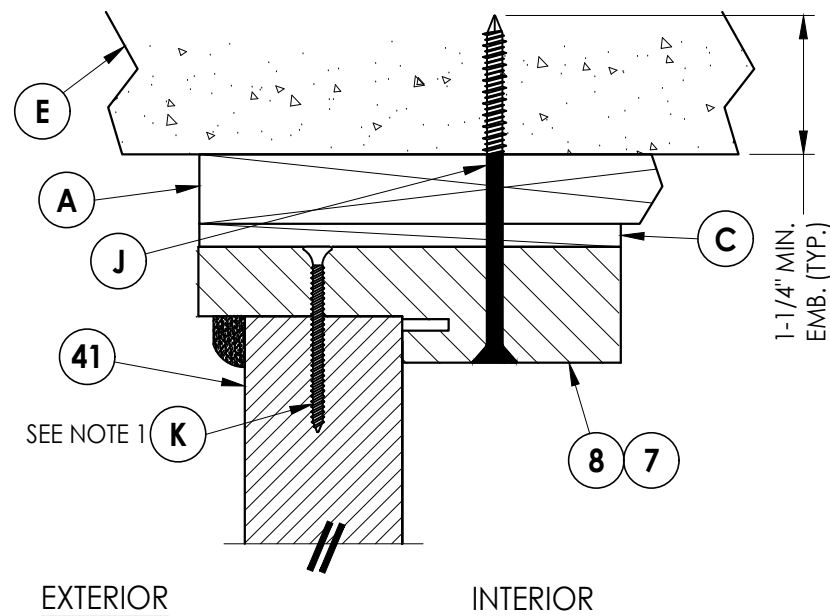
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS

NO.	DATE	REVISIONS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC & REVISE ALUMINUM LITE FRAME
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DATE: 1/12/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15135.15
SHEET 5 OF 9

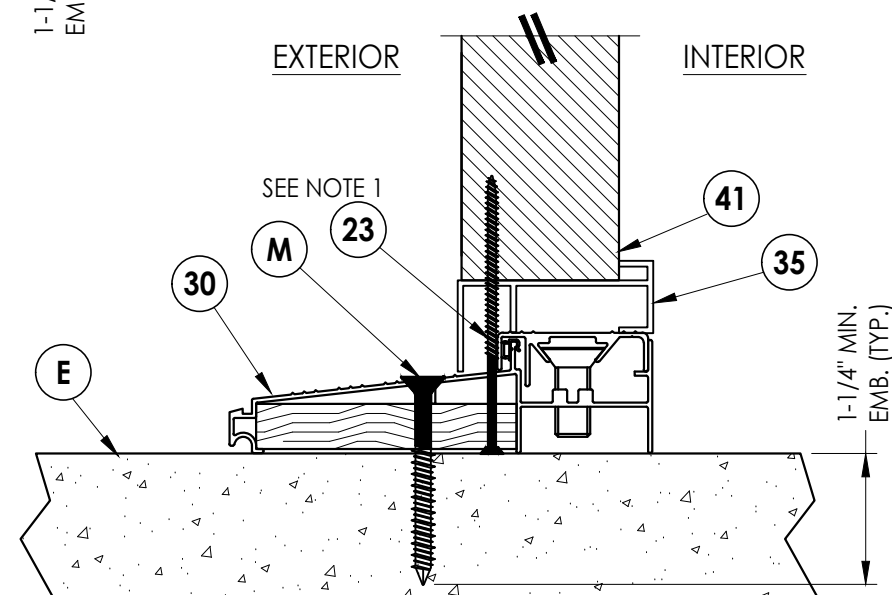


1 **VERTICAL CROSS SECTION**
6 Outswing shown - Inswing also approved

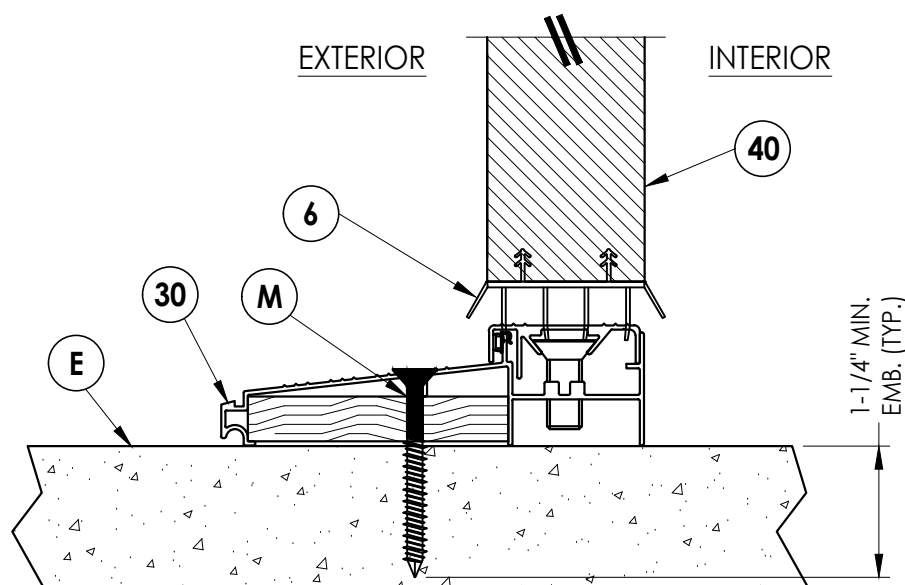


2 VERTICAL CROSS SECTION
6 Shown w/1X sub-buck

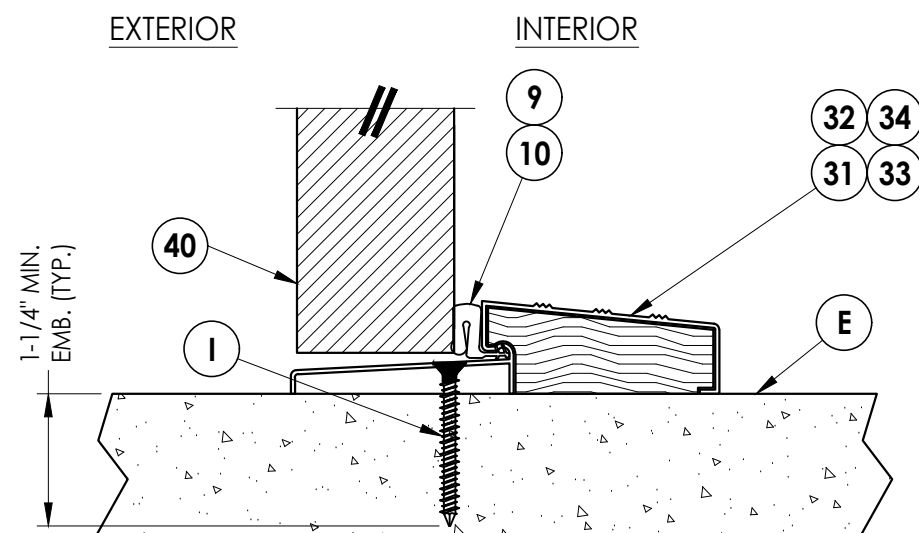
NOTE
1. SCREWS THRU FRAME & THRESHOLD INTO
SIDELITE PANEL LOCATED 6" FROM CORNERS
OF SIDELITE AND @ CENTER LINE OF SIDELITE.



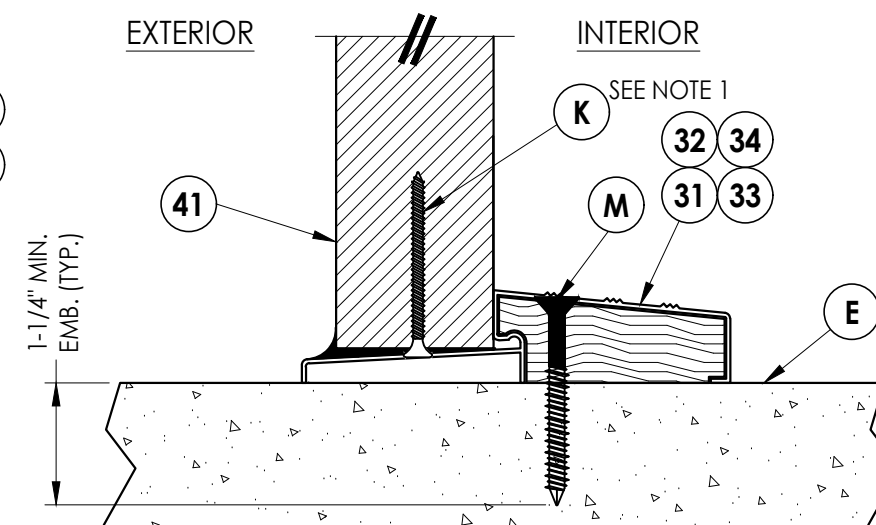
5 VERTICAL CROSS SECTION



3 **VERTICAL CROSS SECTION**
6 Inswing configuration



4 VERTICAL CROSS SECTION
6 Outswing configuration



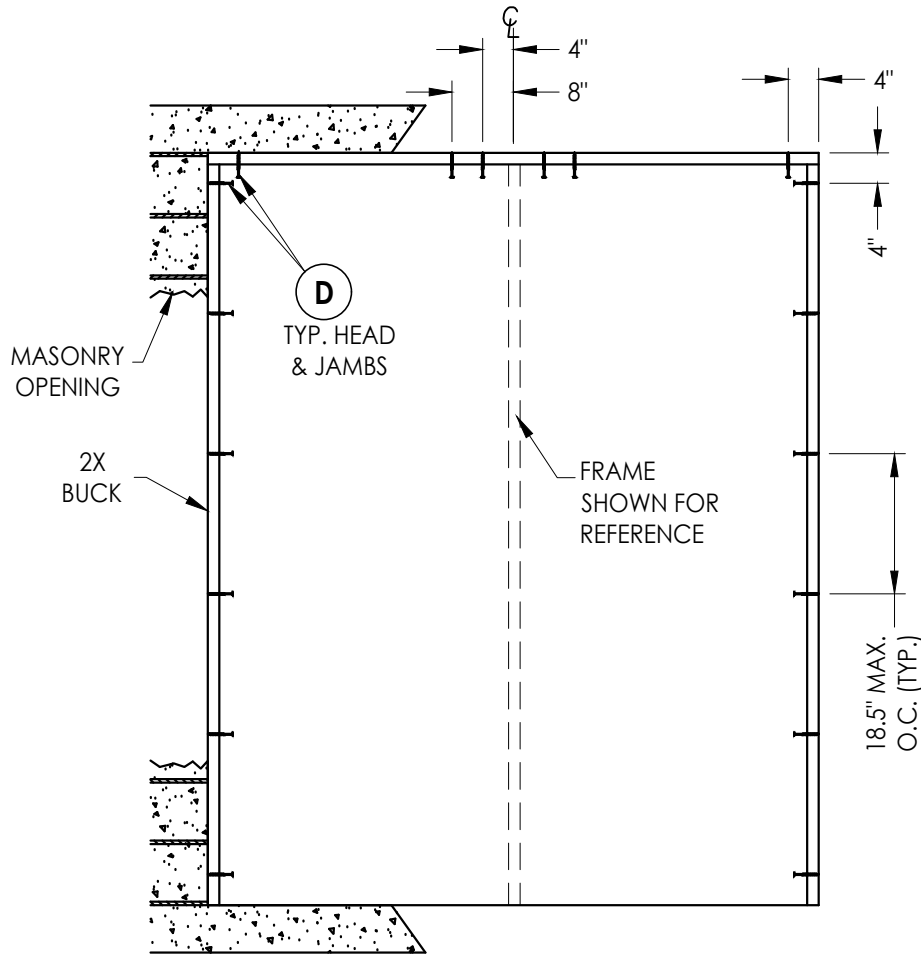
6 VERTICAL CROSS SECTION
6 Outswing configuration

DATE: 1/12/12		SHEET 6 OF 9	
DRAWING NO.: FL-15135.15		DWG. BY: JK	
CHK. BY: LFS		SCALE: N.T.S.	
NO. DATE		REVISONS	
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC & REVISE ALUMINUM LITE FRAME	LFS
3	7/20/20	UPDATE TO 7th ED (2020) FBC	LFS
2	7/17/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC	JK
PART OR ASSEMBLY:		VERTICAL CROSS SECTIONS	
PRODUCT: TAYLOR DOORS		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
Documents Prepared By:		Lyndon F. Schmidt P.E. No. 43409	

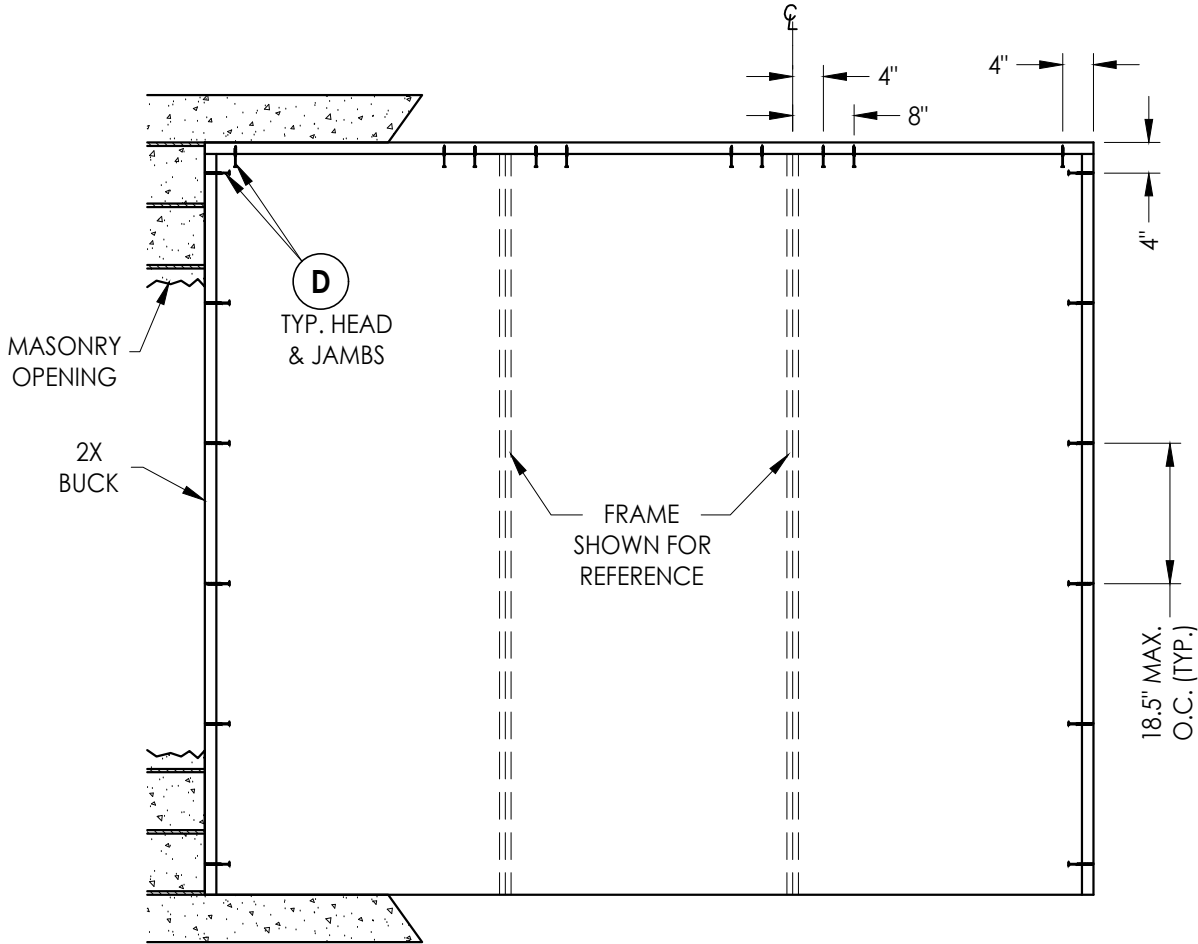
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- CONCRETE ANCHOR NOTES:
- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
 - Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar 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"



BUCK ANCHORING



BUCK ANCHORING

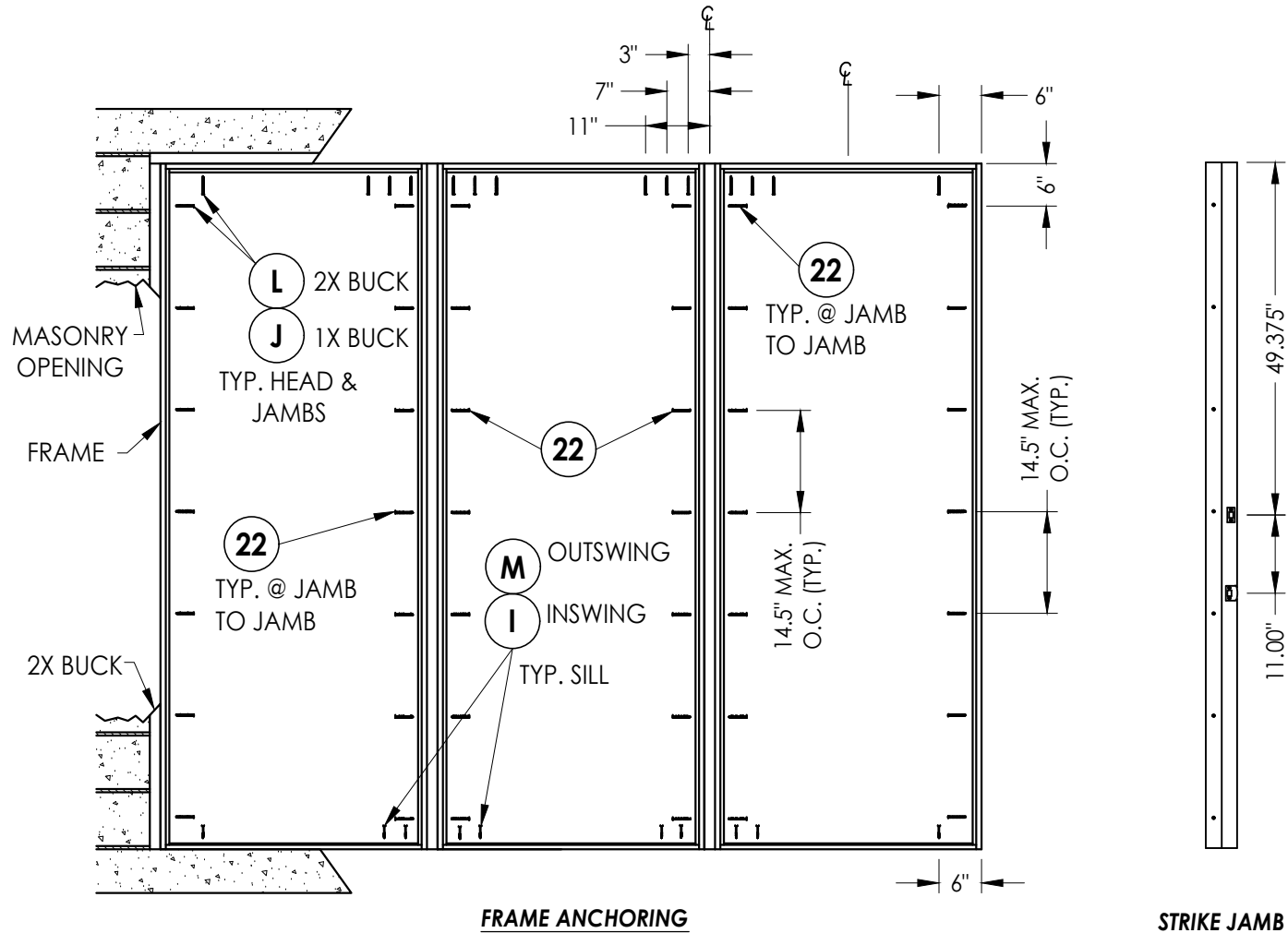
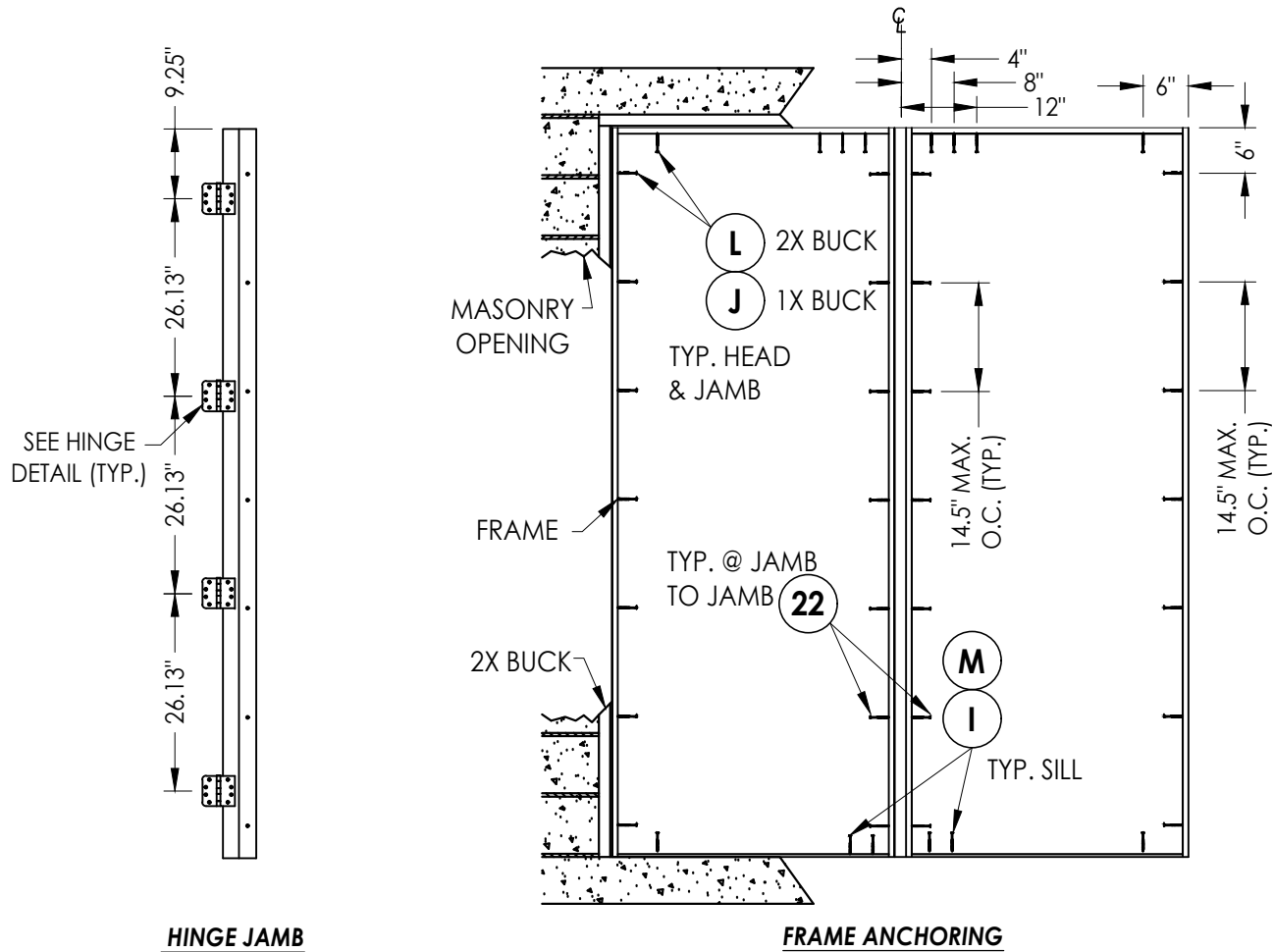
NO.	DATE	REVISIONS		
		DATE	BY	JK
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC & REVISE ALUMINUM LITE FRAME	LFS	
3	7/20/20	UPDATE TO 7th ED (2020) FBC	LFS	
2	7/17/17	UPDATE TO 6TH ED. (2017) FBC	JK	
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC	JK	

DATE: 1/12/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15135.15
SHEET 7 OF 9

PRODUCT: TAYLOR DOORS
PART OR ASSEMBLY: BUCK ANCHORING

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
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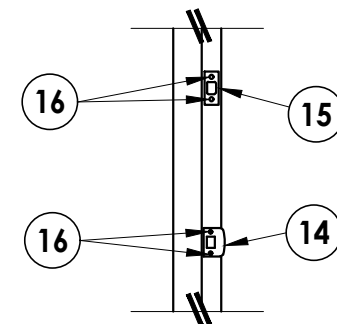
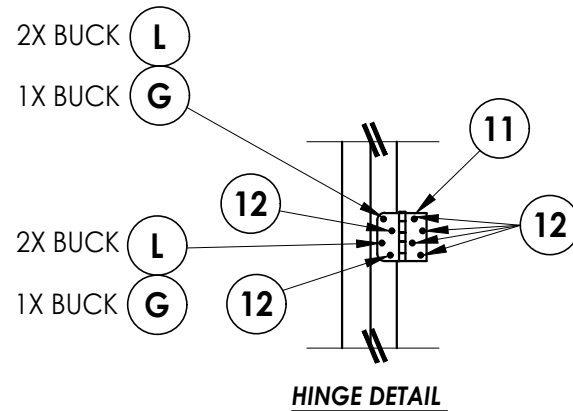
CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
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- 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.



Documents Prepared By:
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P.E. No. 43409

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P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
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PRODUCT: TAYLOR DOORS

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC & REVISE ALUMINUM LITE FRAME
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SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

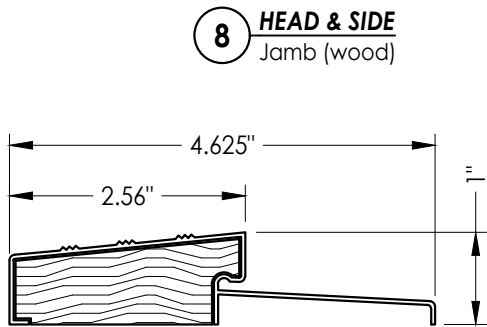
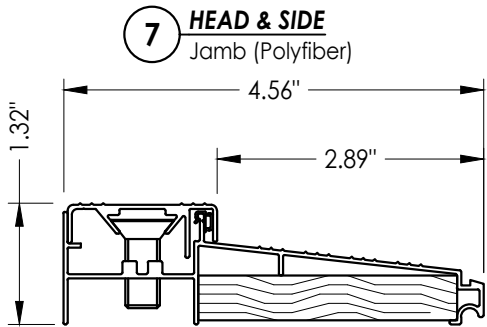
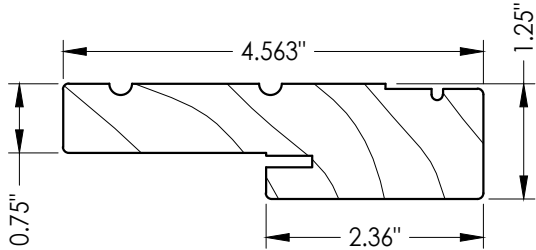
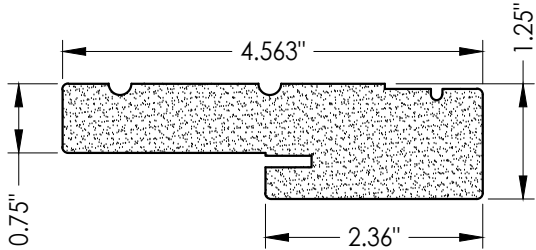
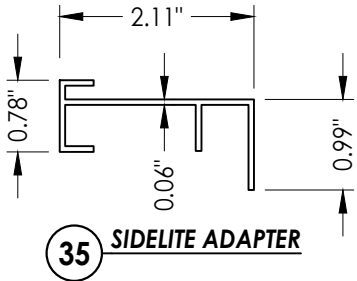
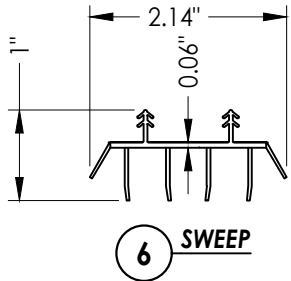
DRAWING NO.:

FL-15135.15

SHEET 8 OF 9

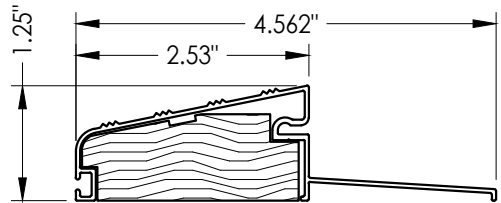
G:\2023 FBC DRAWINGS\Taylor Entrance Systems\FL-15135 R4\FL-15135.15 - 16.dwg

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" 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
K	#7 X 2" PFH DRYWALL 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
21	2X MULLION REINFORCEMENT SG >= 0.42	WOOD
22	#10 X 3" PFH WOOD SCREW	STEEL
23	#6 X 3" 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
35	INSWING SIDELITE ADAPTER	PVC
40	DOOR - SEE DOOR PANEL DETAIL SHEET FOR DETAILS	-
41	SIDELITE - SEE SIDELITE PANEL DETAIL SHEET FOR DETAILS	-

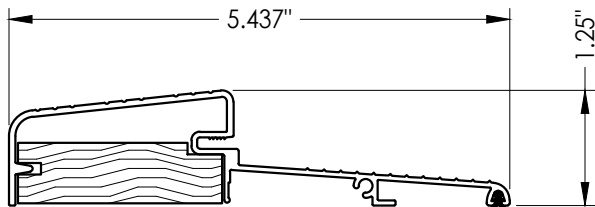


30 INSWING THRESHOLD

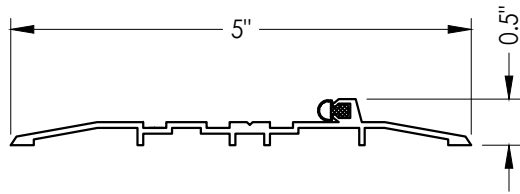
31 OUTSWING THRESHOLD
QOS



32 OUTSWING THRESHOLD
QOSH



33 OUTSWING THRESHOLD
By Combo



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	
4	7/06/23	UPDATE TO 8TH ED. (2023) FBC & REVISE ALUMINUM LITE FRAME	LFS
3	7/20/20	UPDATE TO 7th ED (2020) FBC	LFS
2	7/17/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO. DATE		REVISIONS	
DATE: 1/12/12			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-15135.15			
SHEET 9 OF 9			