



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

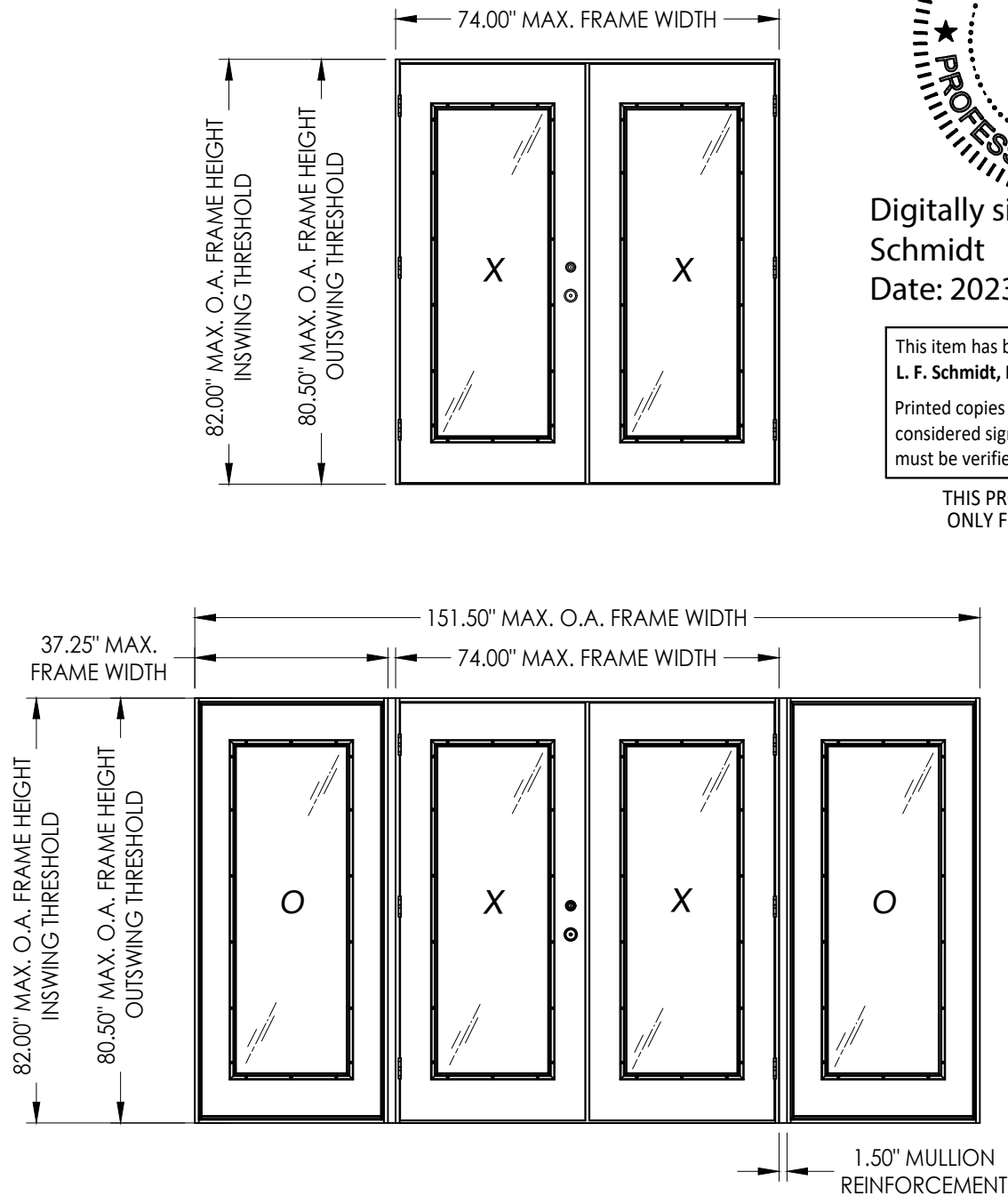
WOOD EDGE GLAZED DOUBLE DOOR with/without SIDELITES INSWING / OUTSWING "NON-IMPACT"

GENERAL NOTES

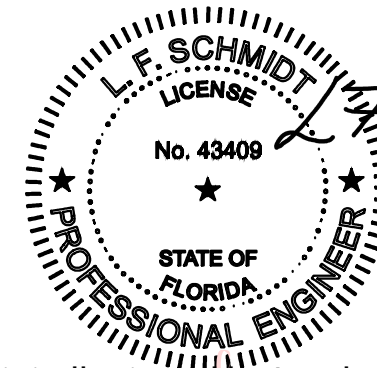
1. This product has been evaluated and is in compliance with the 8th Edition (2023) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be 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	Elevations
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5	Vertical cross sections
6	Buck anchoring
7	Frame anchoring
8	Astragal details
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
74.0" x 82.0"	21.0" x 63.0"	+40.0	-40.0	+40.0	-40.0
151.5" x 82.0"	21.0" x 63.0"	+40.0	-40.0	+40.0	-40.0



Digitally signed by Lyndon F Schmidt
Date: 2023.07.18 07:47:15 -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

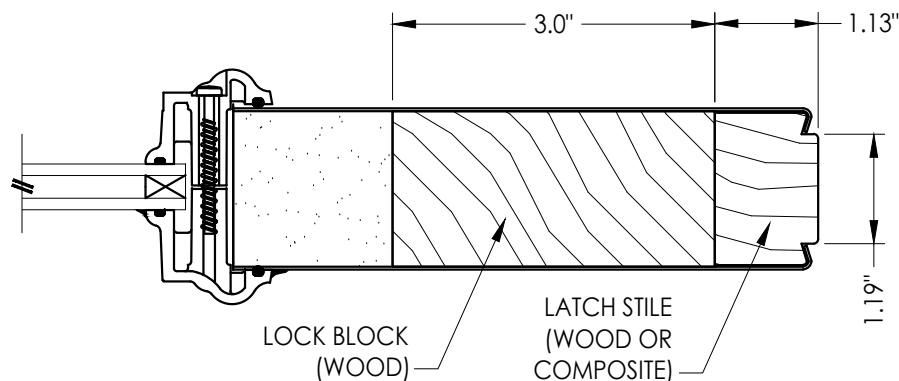
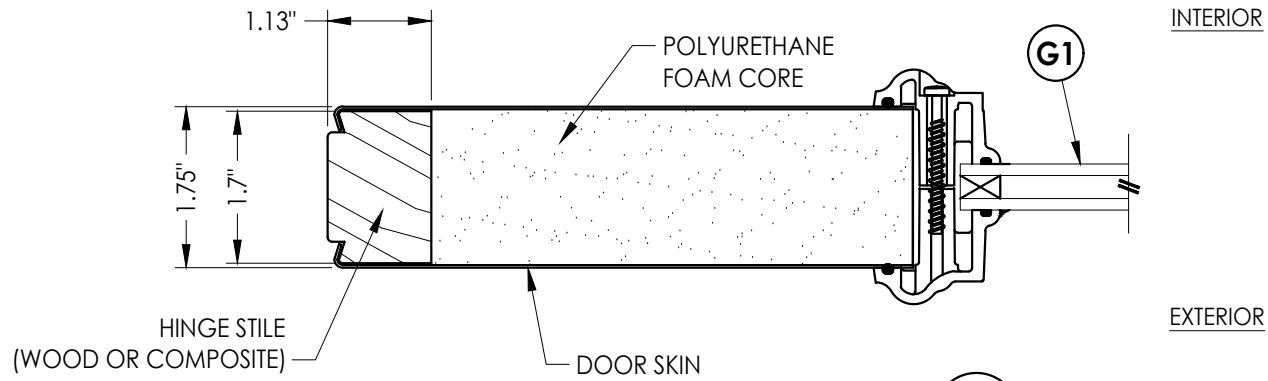
PRODUCT: TAYLOR DOORS

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

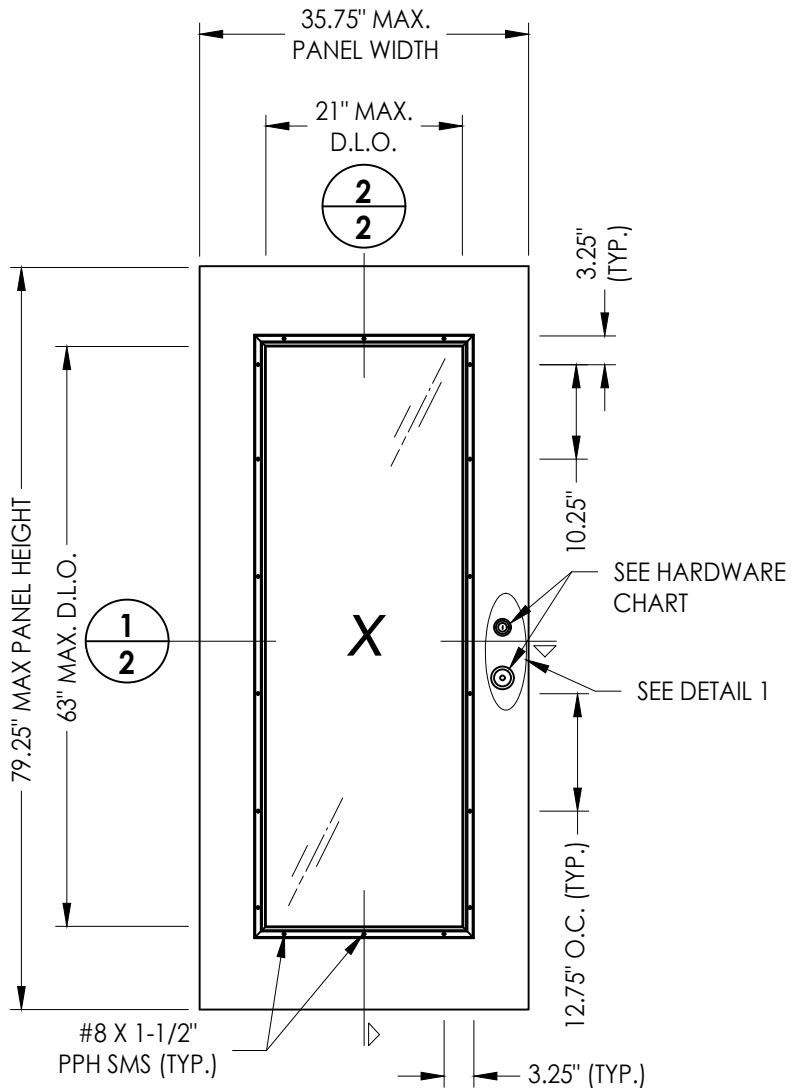
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4	7/06/23	UPDATE TO 8TH ED. (2023) FBC
3	7/20/20	UPDATE TO 7th ED (2020) FBC
2	7/17/17	UPDATE TO 6TH ED. (2017) FBC
1	3/9/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 1/12/12
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-15135.3
SHEET 1 OF 9

Z:\2023 FBC Drawings\Taylor Entrance Systems\FL-15135 R4\FL-15135.1-3.dwg

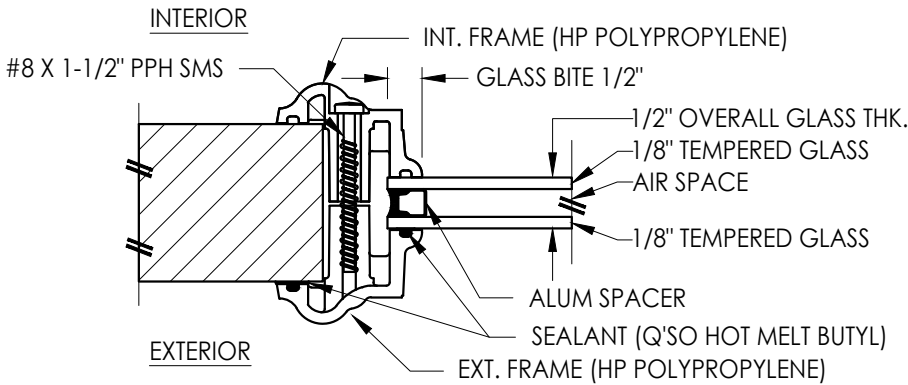
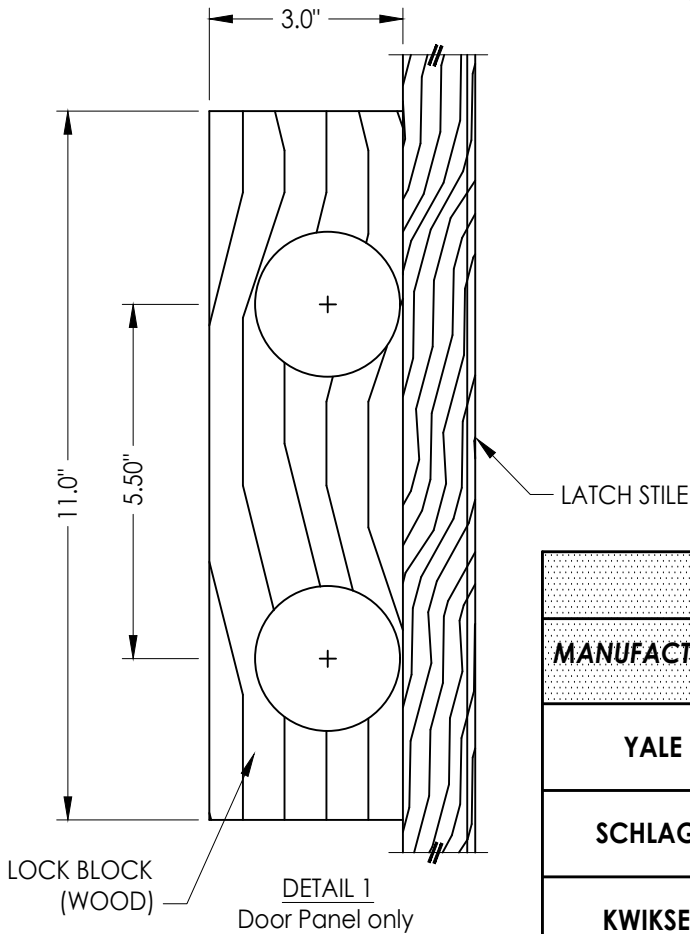


1
2 **HORIZONTAL CROSS SECTION**

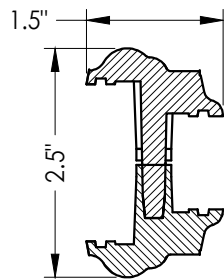


40 41 **DOOR AND SIDELITE PANEL**
#40 - Wood Edge Steel Door
#41 - Wood Edge Sidelite

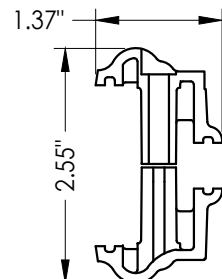
DOOR SKIN: 0.019" MIN. THK. STEEL
CORE MATERIAL: POLYURETHANE FOAM



G1 **GLAZING DETAIL**
ODL Lite frame

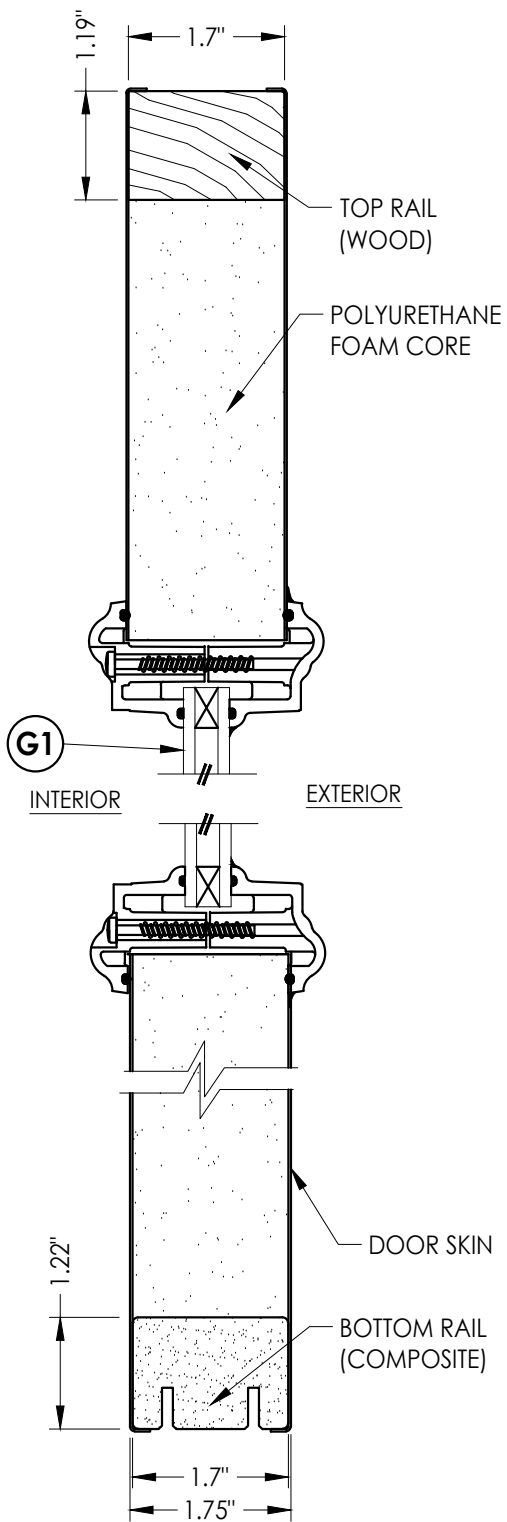


LITE FRAME
Taylor Lite Frame



LITE FRAME
ODL Lite Frame

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**

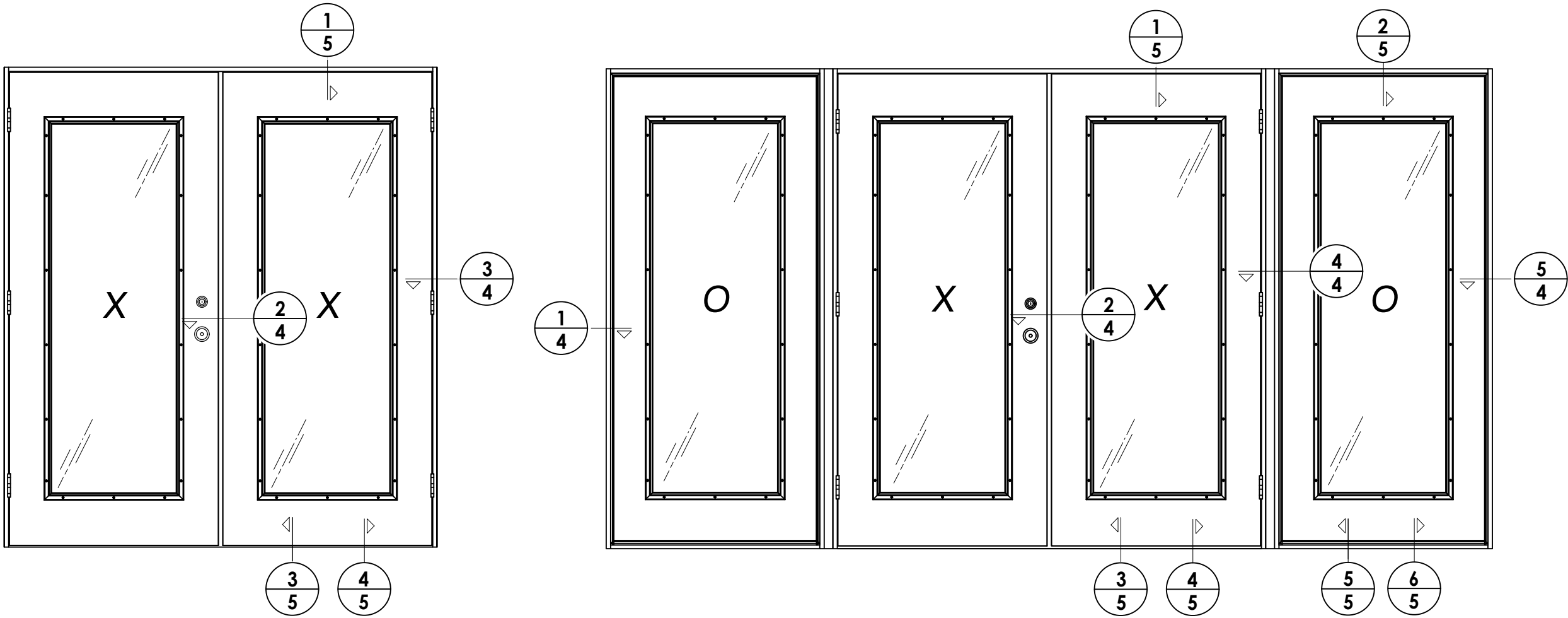
Documents Prepared By:
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RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: TAYLOR DOORS
PART OR ASSEMBLY: DOOR PANEL DETAILS

		REVISIONS			
		NO.	DATE	BY	
4	7/06/23	UPDATE TO 8TH ED. (2023)	FBC	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-15135.3
SHEET 2 OF 9



DATE: 1/12/12
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DWG. BY: JK
CHK. BY: LFS
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SHEET 3 OF 9

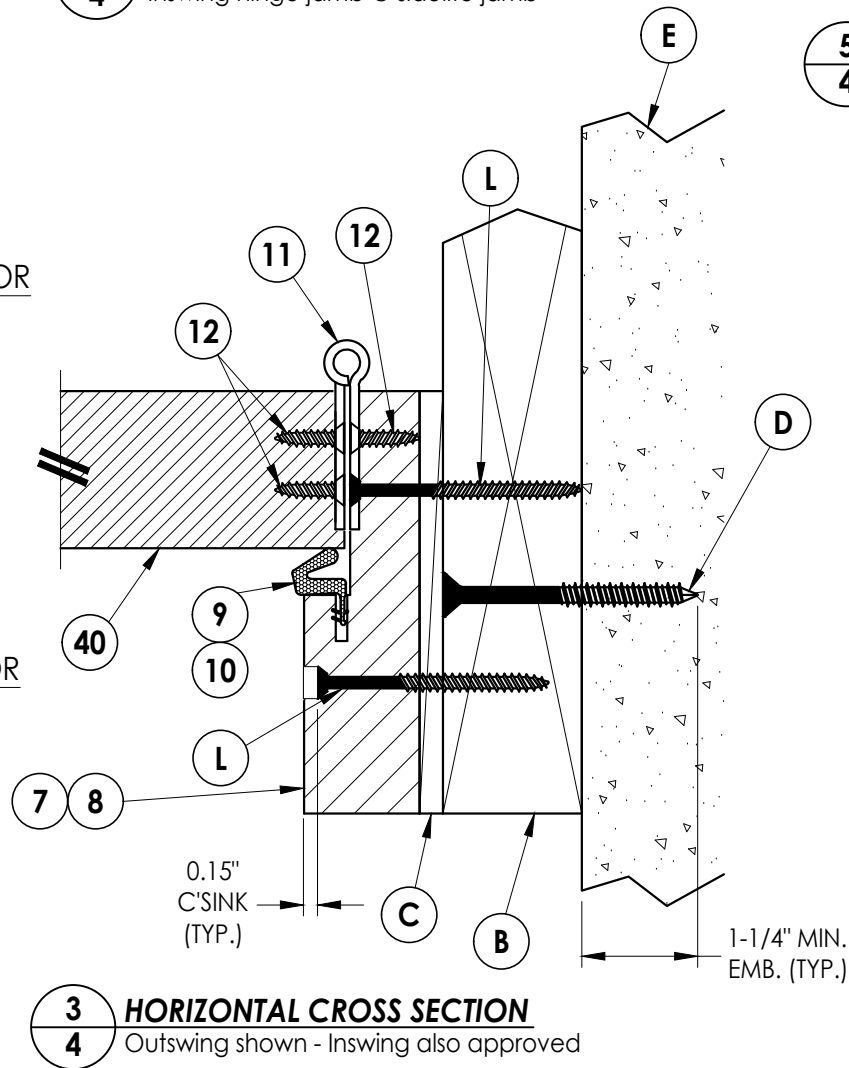
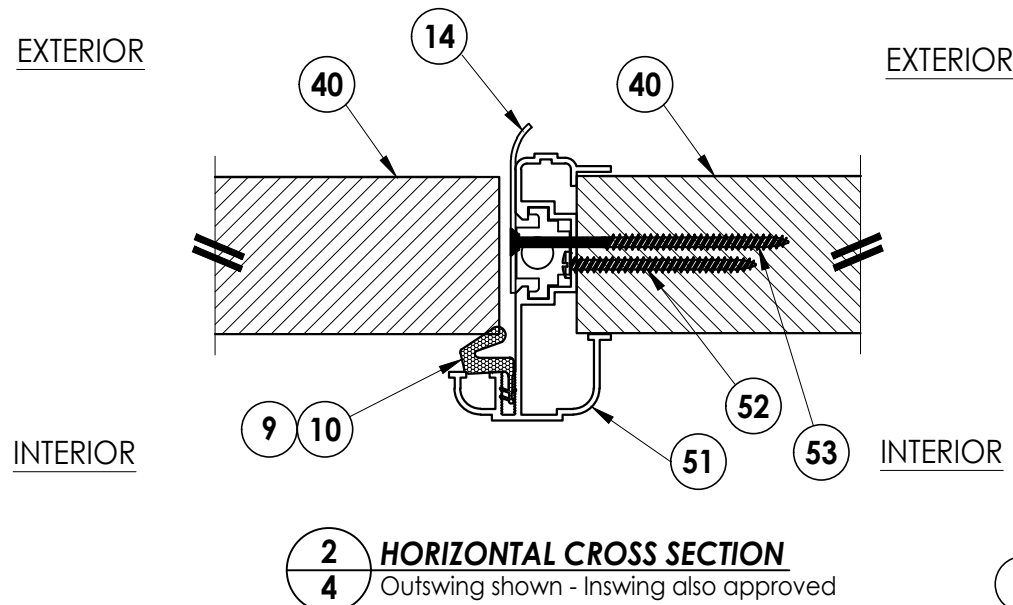
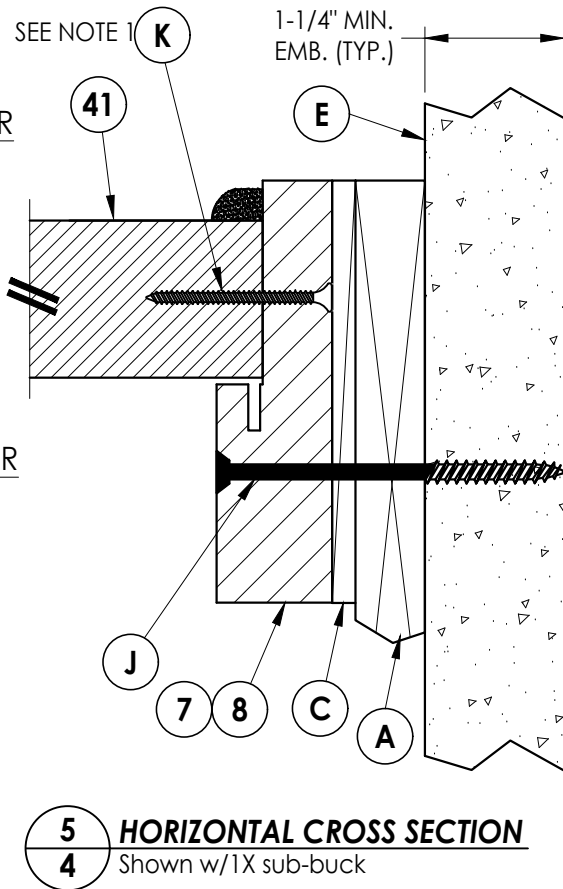
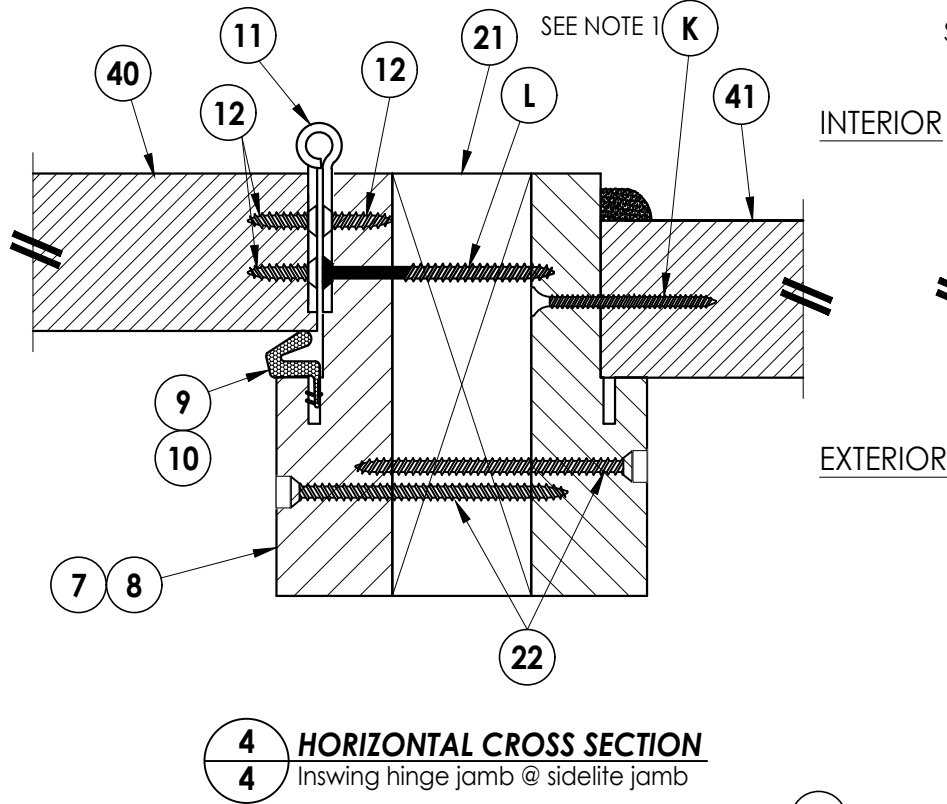
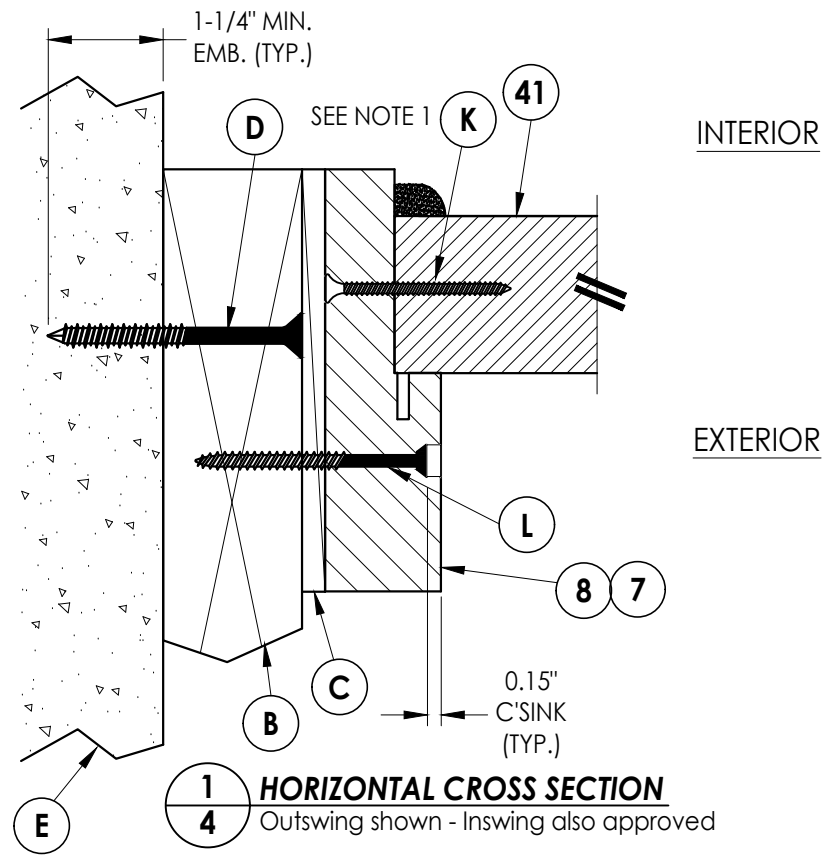
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				BY	
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PRODUCT: TAYLOR DOORS	
PART OR ASSEMBLY: ELEVATIONS	

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

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PRODUCT: TAYLOR DOORS

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

NO.	DATE	REVISIONS			
		DATE	BY	CHK	APP
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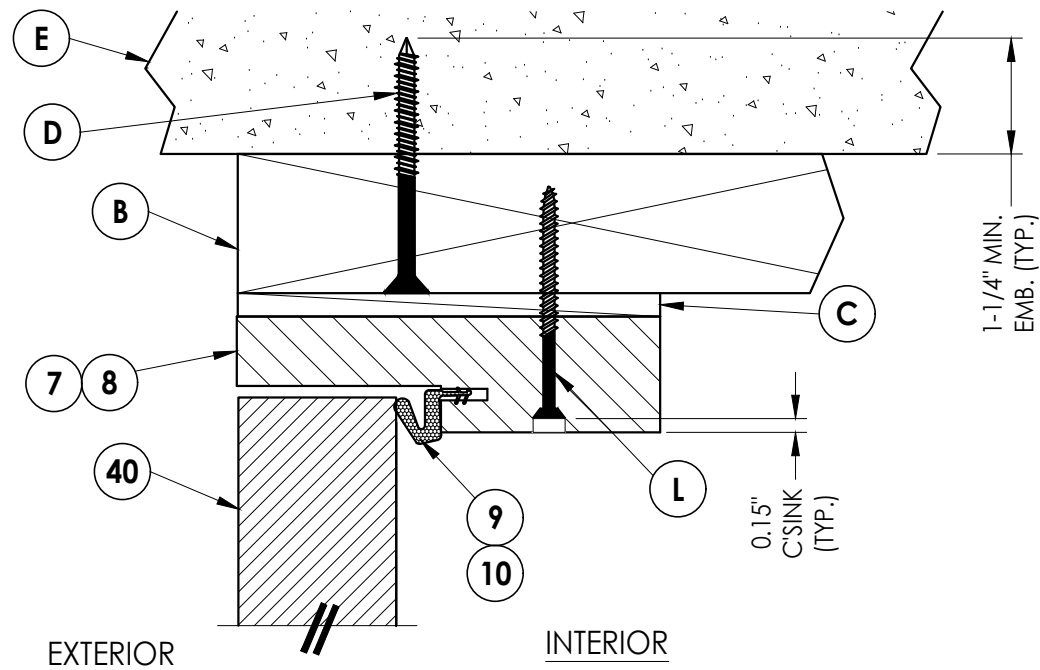
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DWG. BY: JK

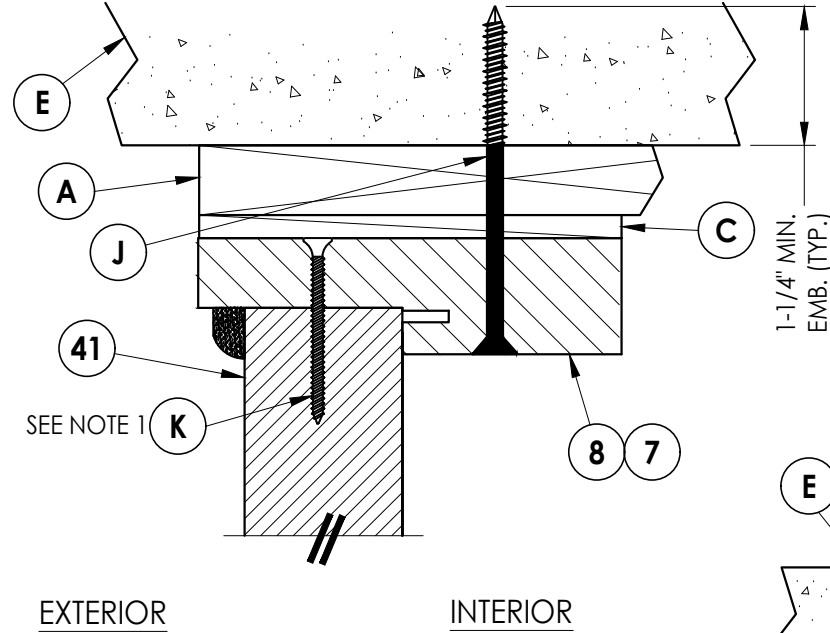
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DRAWING NO.: FL-15135.3

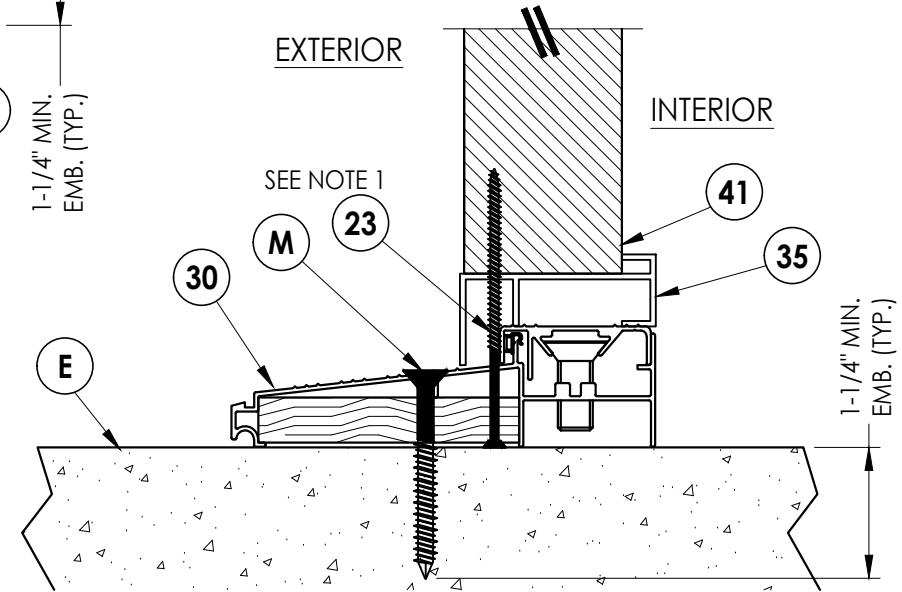
SHEET 4 OF 9



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

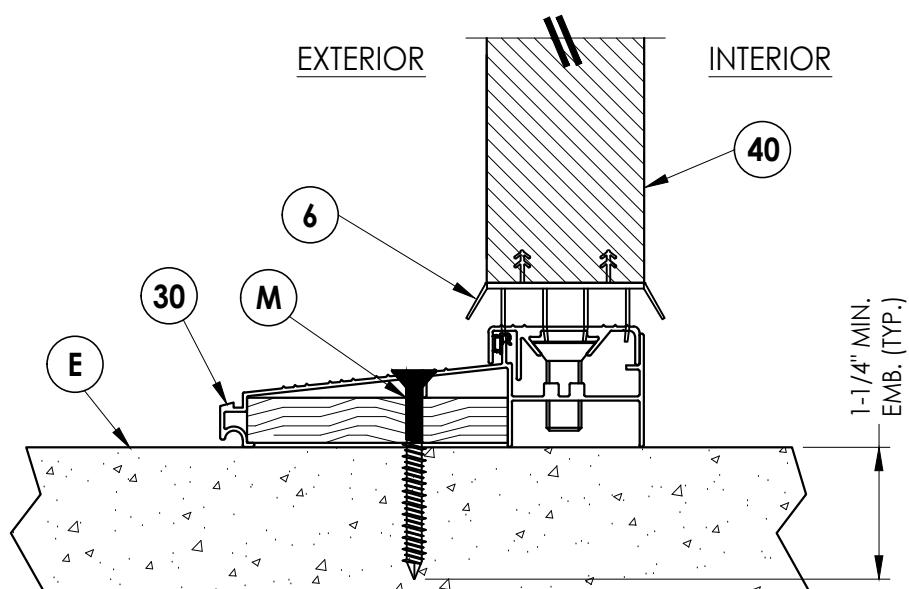


2
5 **VERTICAL CROSS SECTION**
Shown w/1X sub-buck

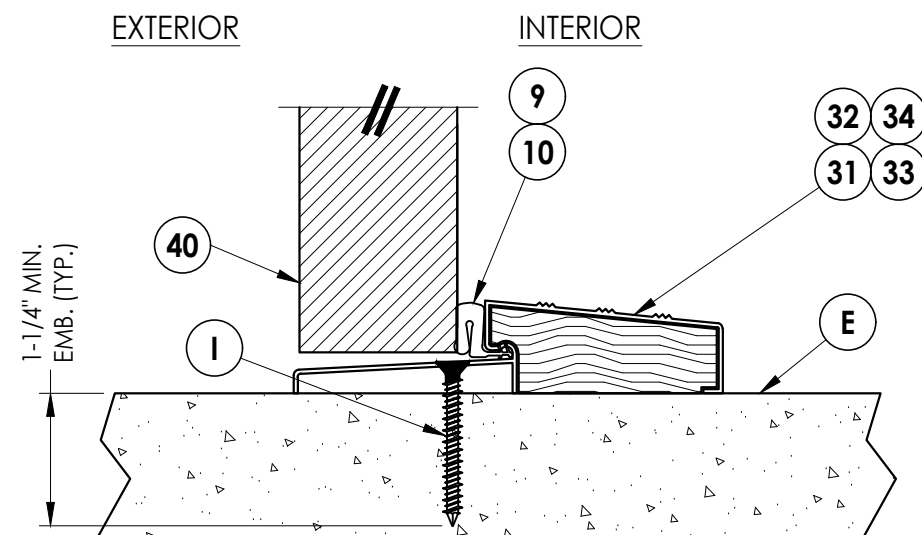


5
5 **VERTICAL CROSS SECTION**
Inswing configuration

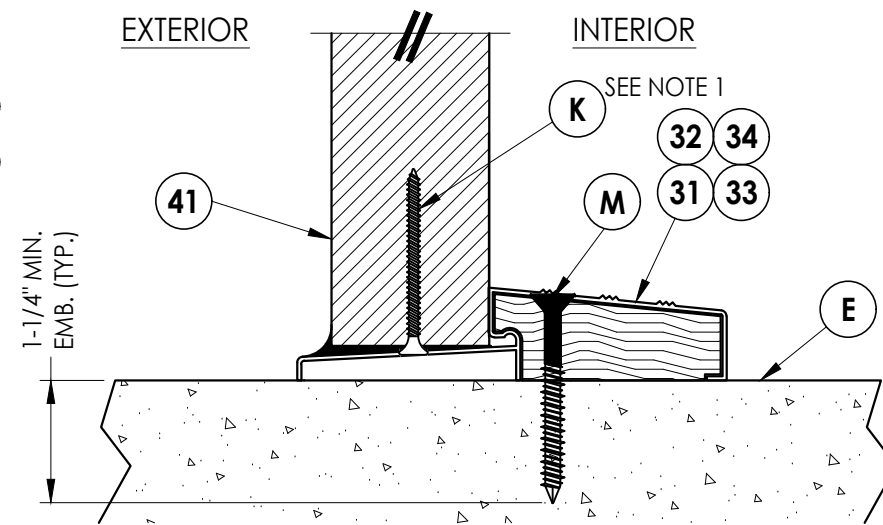
NOTE
1. SCREWS THRU FRAME & THRESHOLD INTO
SIDELITE PANEL LOCATED 6" FROM CORNERS
OF SIDELITE AND @ CENTER LINE OF SIDELITE.



3
5 **VERTICAL CROSS SECTION**
Inswing configuration



4
5 **VERTICAL CROSS SECTION**
Outswing configuration



6
5 **VERTICAL CROSS SECTION**
Outswing configuration

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PRODUCT: TAYLOR DOORS

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

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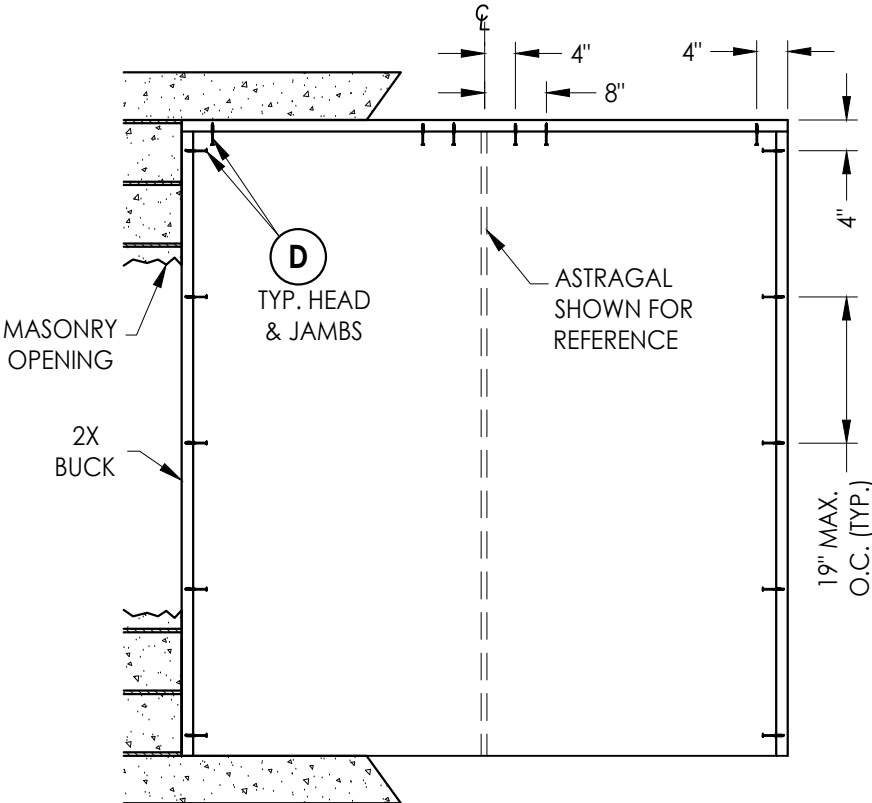
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CHK. BY: LFS

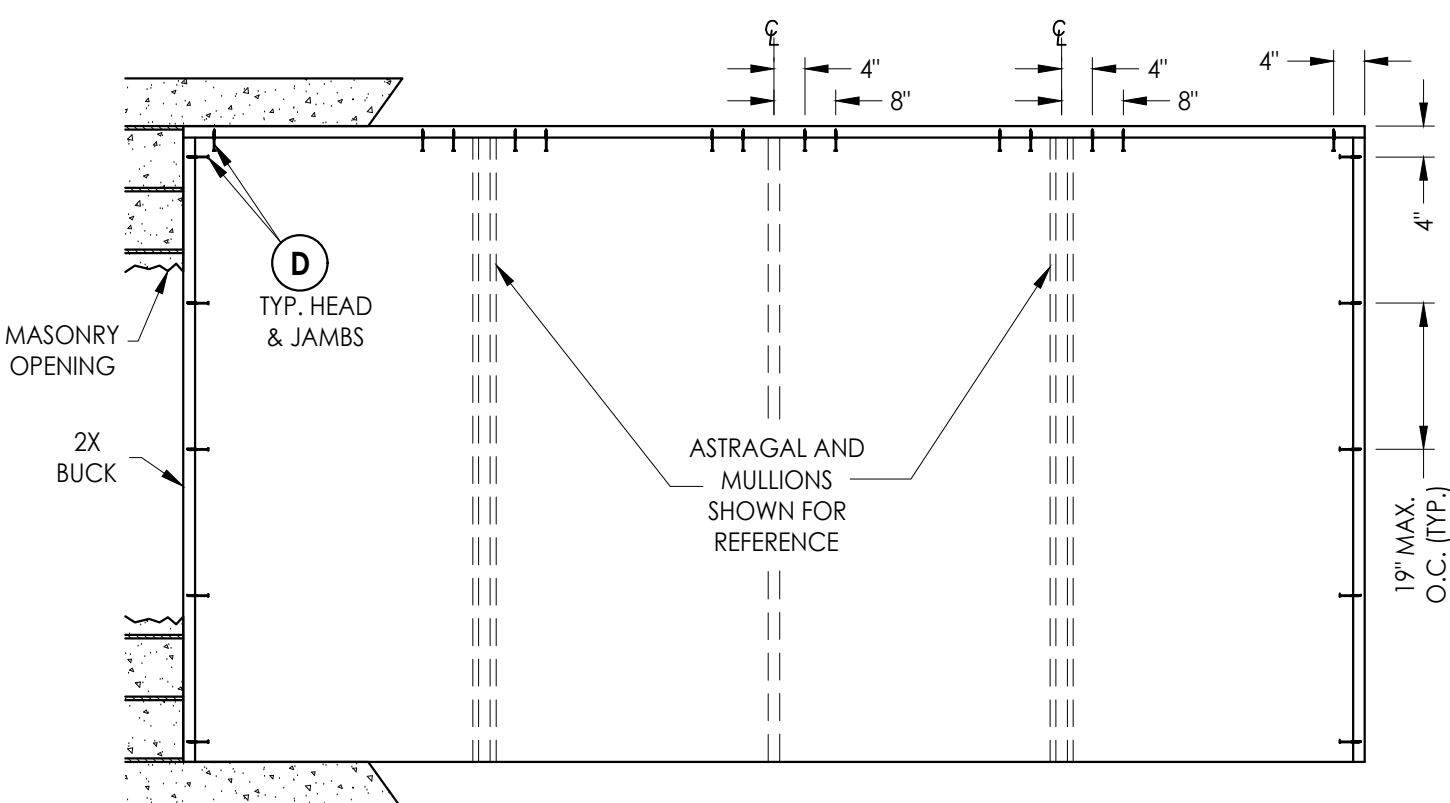
DRAWING NO.: FL-15135.3

SHEET 5 OF 9

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BUCK ANCHORING



BUCK ANCHORING

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"

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TAYLOR DOORS

PART OR ASSEMBLY:
BUCK ANCHORING

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NO.	DATE				BY

REVISIONS

DATE: 1/12/12

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-15135.3

SHEET 6 OF 9

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

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ASTRAGAL STRIKE

FRAME ANCHORING

HINGE JAMB

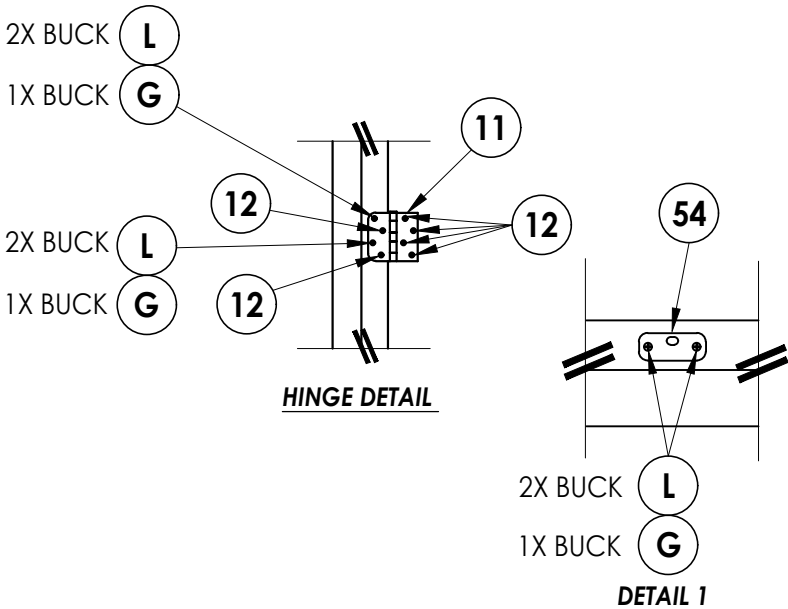
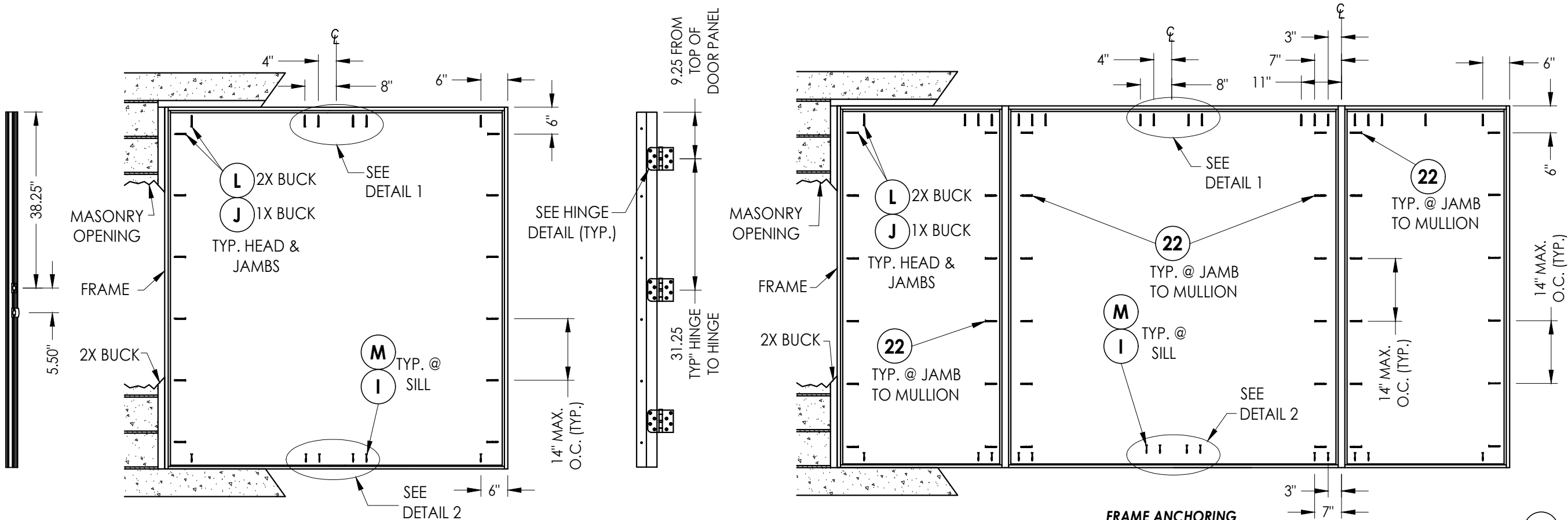
CONCRETE ANCHOR NOTES:

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- 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:

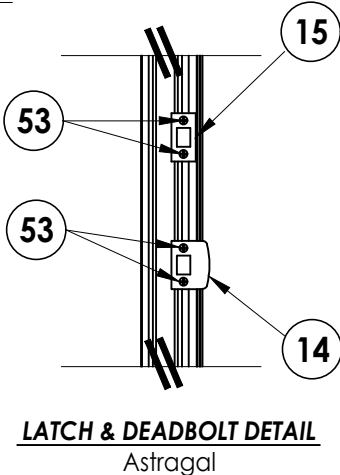
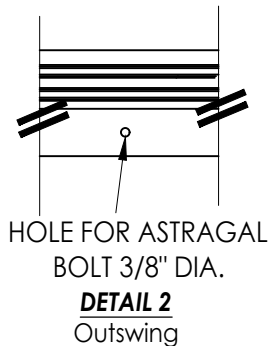
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	1"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

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.



FRAME ANCHORING



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PRODUCT: TAYLOR DOORS

PART OR ASSEMBLY:
FRAME ANCHORING

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DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-15135.3

SHEET 7 OF 9

Technical drawing of a 12' x 12' floor plan showing two sections, 51 and 52, with dimensions in inches. The drawing includes a top section with a series of small circles and a bottom section with a series of small circles. Dimensions are provided for both sections.

Section 51 (Right):

- Top section: 0.5", 2.0", 3.5"
- Bottom section: 0.5", 2.0", 3.5"
- Horizontal dimensions: 11.25", 19", 31.5", 35.25"

Section 52 (Left):

- Top section: 0.5", 2.0", 3.5"
- Bottom section: 0.5", 2.0", 3.5"
- Horizontal dimensions: 11.25", 19.75", 32.25", 35.75", 37.75"

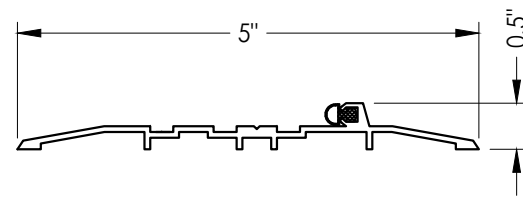
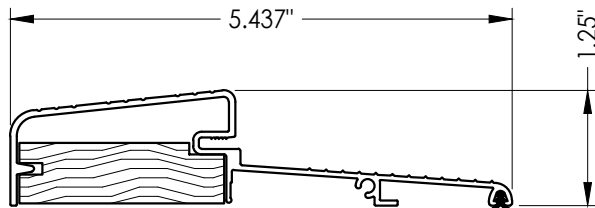
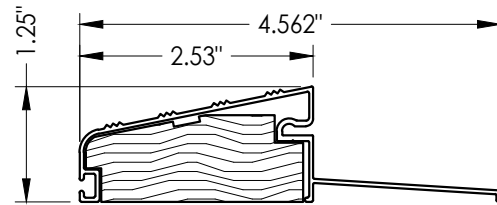
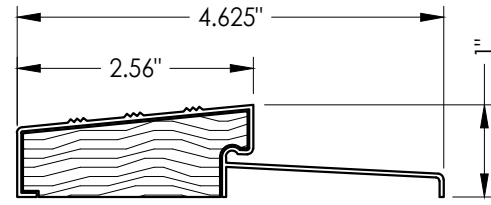
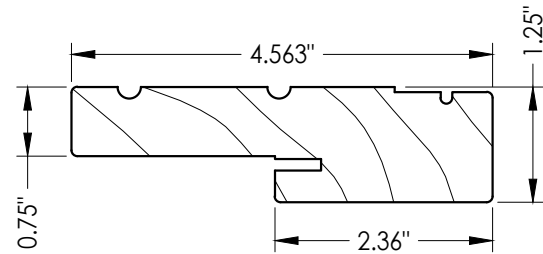
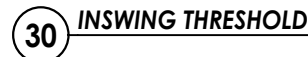
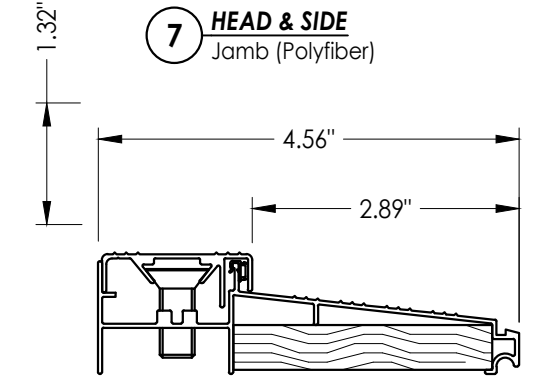
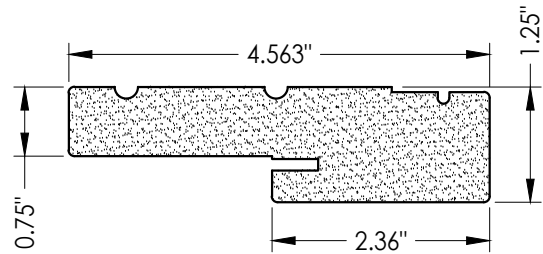
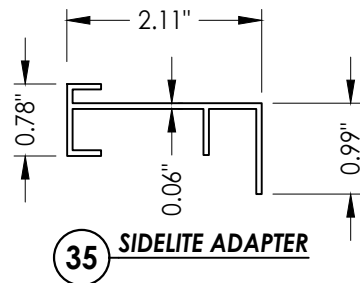
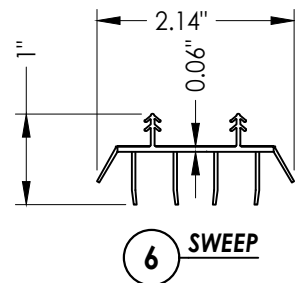
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SHEET 8 OF 9

ASTRAGAL DETAILS

Phone No.: 813.659.9197
FBPE Registry No. 9813

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
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 DOOR PANEL DETAIL SHEET FOR DETAILS	-
51	ASTRAGAL 6063-T5 ALUMINUM BY DLP	ALUMINUM
52	#8 X 2" PPH SCREW	STEEL
53	#8 X 3" PPH SCREW	STEEL
54	ASTRAGAL STRIKE PLATE @ HEAD	STEEL
55	SLIDE BOLT ROD	STEEL
56	CONCEALED STIFFENER 6063-T6 ALUMINUM BY DLP	ALUMINUM



DATE: 1/12/12		DOCUMENTS PREPARED BY:	
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CHK. BY: LFS			
DRAWING NO.: FL-15135.3			
SHEET 9 OF 9			