



DALLAS MILLWORK, Inc.

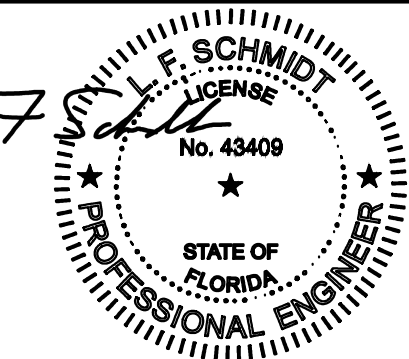
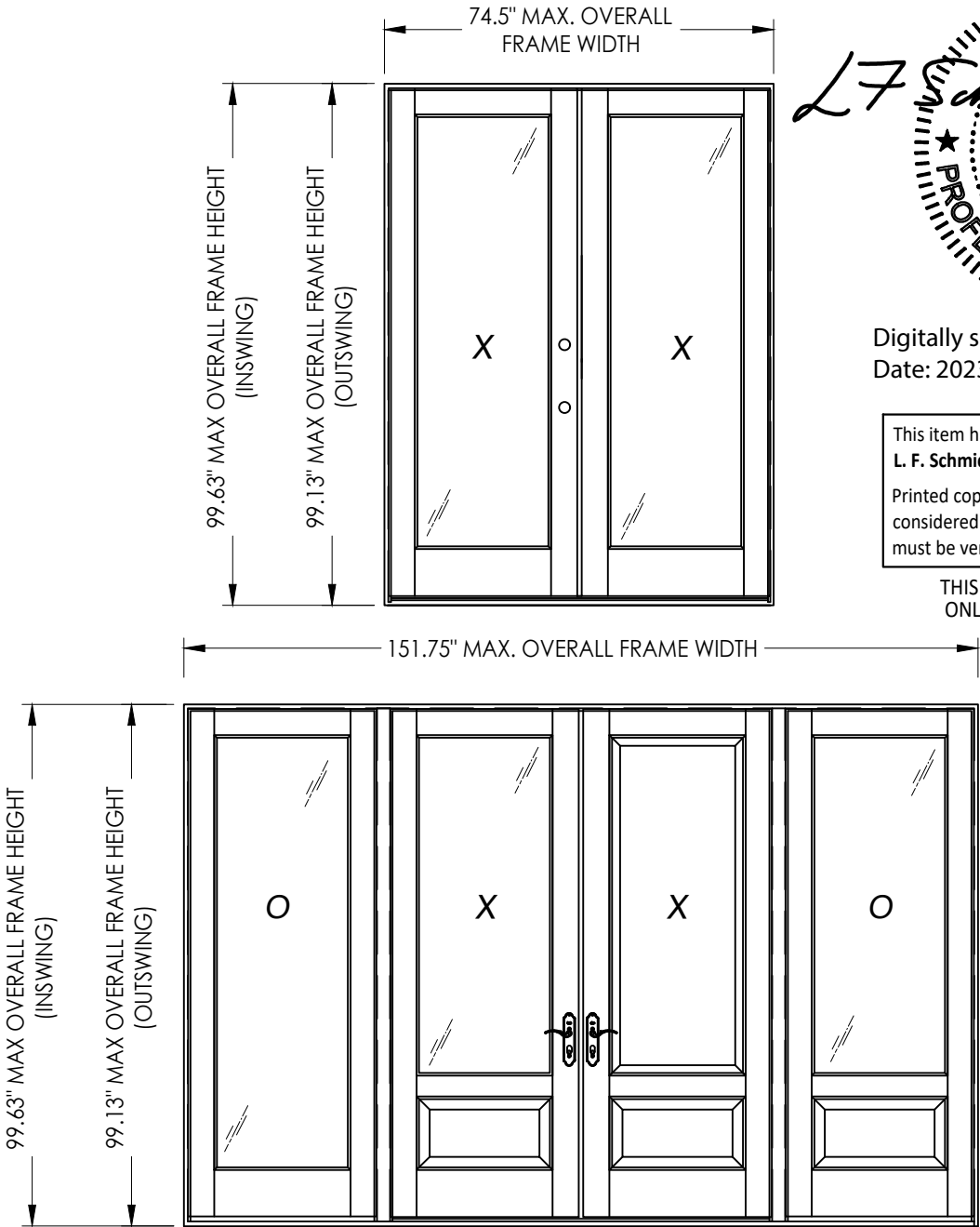
WOOD ENTRY DOOR DOUBLE w/ or w/out SIDELITES INSWING / OUTSWING "NON-IMPACT"

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.

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SHEET#	DESCRIPTION
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7	Frame anchoring
8	Lock hardware details
9	Bill of materials and components

CONFIGURATION (MAX. FRAME DIMENSION)	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING		LOCK HARDWARE	
	POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	ACTIVE DOOR	INACTIVE DOOR
XX (74.5" x 99.63") OXXO (151.75" x 99.63")	+60.0	-65.0	+60.0	-60.0	Hoppe HLS 9000 or Truth Sentry (3 pt. shootbolt)	Hoppe HLS 9000 or Truth Sentry (2 pt. shootbolt)
	+50.0	-55.0	+50.0	-50.0	Schlage or Kwikset Knob & Deadbolt plus Amesbury Tru-Lock Bolt System	Truth Sentry (2 pt. shootbolt)
	+40.0	-45.0	+40.0	-40.0	Schlage Knob & Deadbolt	Truth Sentry (2 pt. shootbolt)



Digitally signed by Lyndon F Schmidt
Date: 2023.10.05 17:19:02 -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:
DALLAS MILLWORK
WOOD DOOR

DATE: 10/5/23
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16185.5
SHEET 1 OF 9

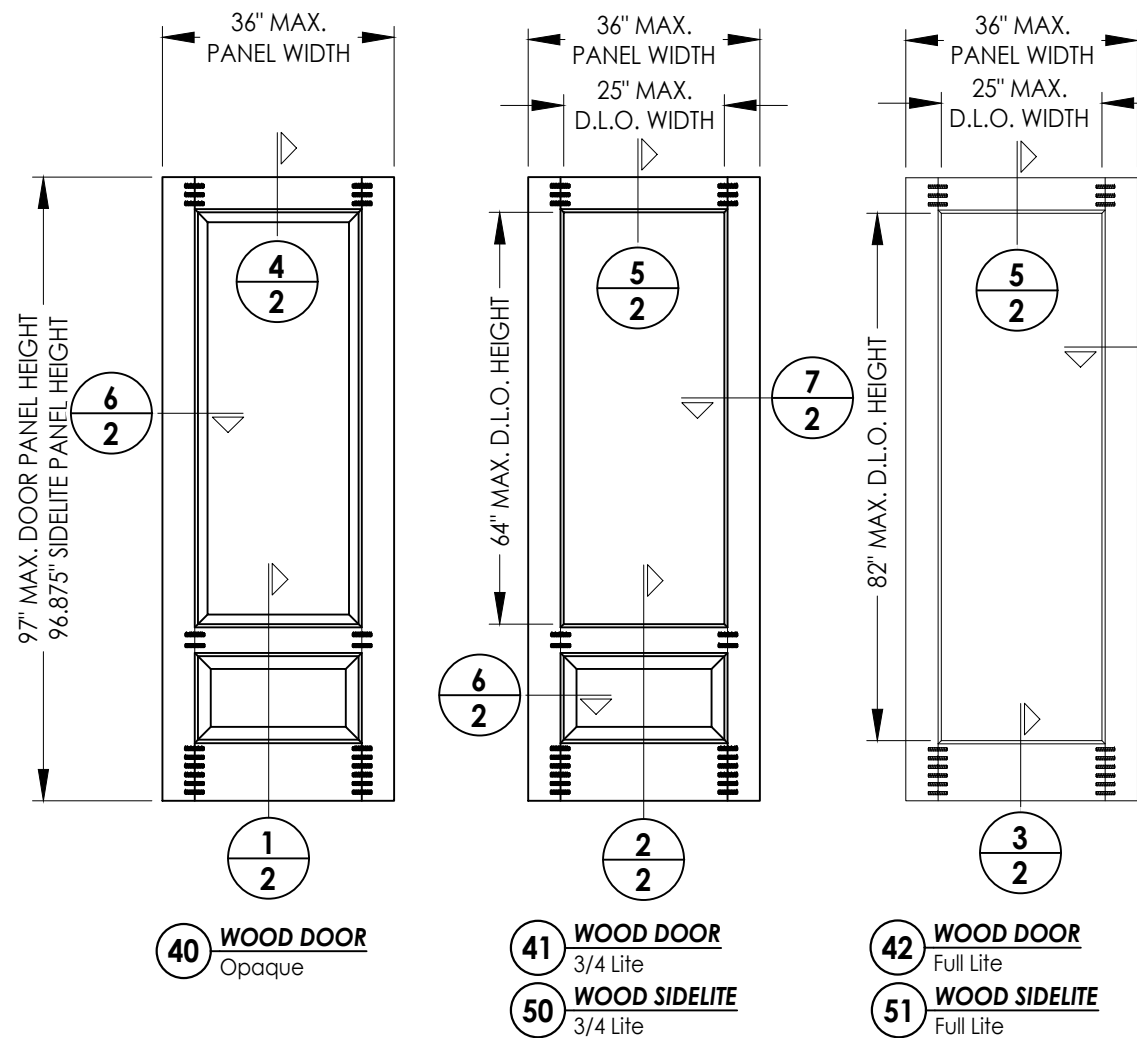
Part or Assembly:
TYPICAL ELEVATIONS, DESIGN
PRESSURES & GENERAL NOTES

REVISIONS

DATE: 1/29/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16185.5
SHEET 1 OF 9

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

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3 **VERTICAL CROSS SECTION**
2

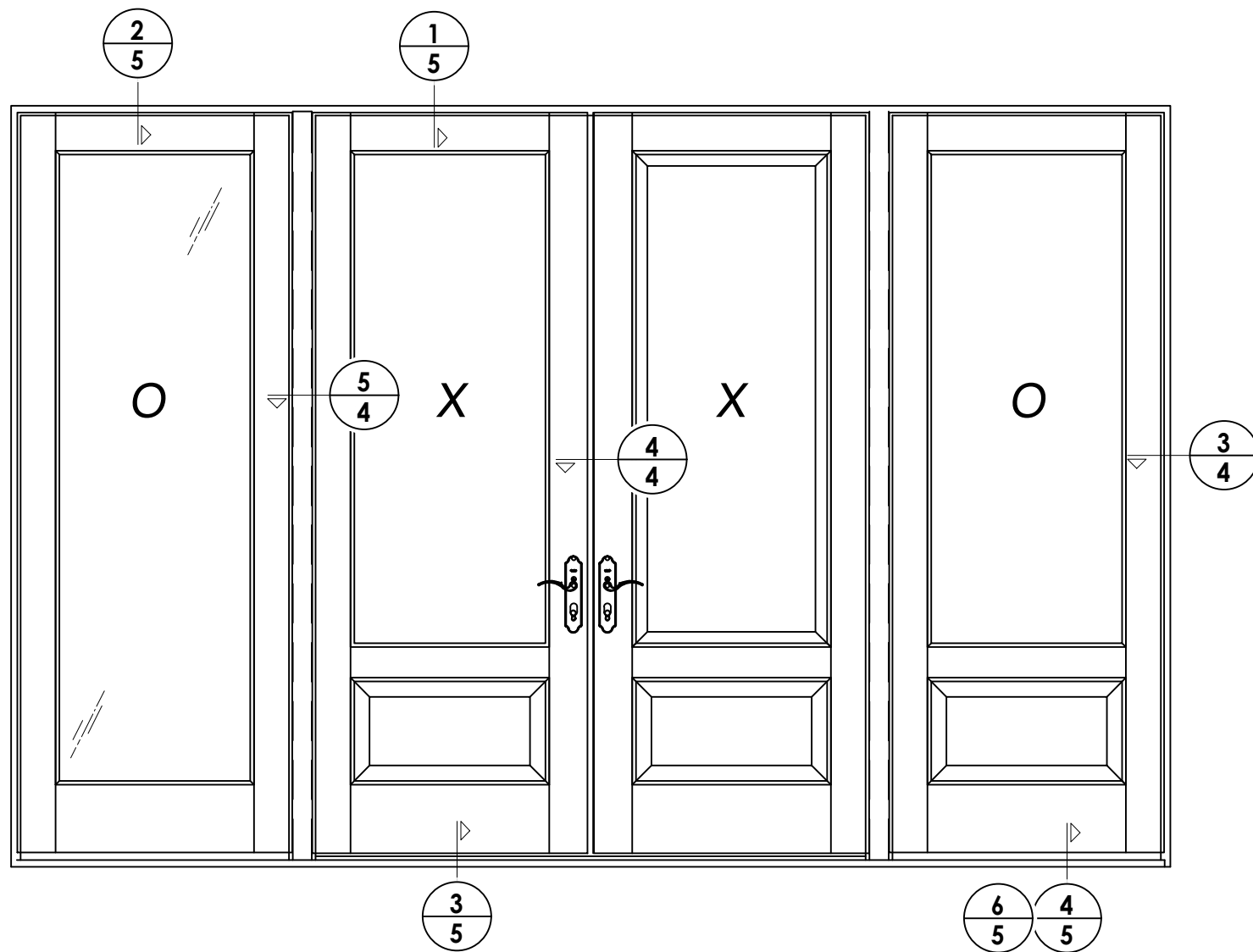
SHEET 2 OF 9

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HARDWARE CHART		
MANUFACTURER	MODEL	DOOR
TRUTH	TRUTH SENTRY (3 pt. Shootbolt)	ACTIVE
TRUTH	TRUTH SENTRY (2 pt. Shootbolt)	INACTIVE

NOTE: Schlage or Kwikset Knob & Deadbolt at 5-1/2" on center.

NOTE: Schlage Knob & Deadbolt at 12" on center.



	4	10/5/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
	3	8/07/20	UPDATE TO 7TH ED. (2020)	FBC	LFS	
	2	7/10/17	UPDATE TO 6TH ED. (2017)	FBC	JK	
	1	7/2/15	UPDATE TO 5TH ED. (2014)	FBC	JK	
	NO.	DATE			BY	
					REVISIONS	
DATE: 1/29/13						
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-16185.5						
SHEET 3 OF 9						

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

PRODUCT: DALLAS MILLWORK
WOOD DOOR

PART OR ASSEMBLY:

ELEVATIONS

R^W BUILDING CONSULTANTS, INC.
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1-1/4" MIN.
EMB. (TYP.)

EXTERIOR

INTERIOR

Labels: A, C, E, J, M, 1, 9, 12, 12, 40, 41, 42

This technical drawing illustrates a cross-section of a window assembly. The exterior side (top) features a rough, triangular-patterned surface. A horizontal line with a jagged, embossed texture is labeled '1-1/4" MIN. EMB. (TYP.)'. The interior side (bottom) shows a smooth, hatched surface. Various components are labeled with letters and numbers: 'A' points to the main window frame; 'C' points to a vertical structural element; 'E' points to the bottom edge of the frame; 'J' points to the top edge of the frame; 'M' points to the bottom edge of the frame; '1' points to a vertical structural element; '9' points to a circular component; '12' points to a horizontal structural element; '12' points to a horizontal structural element; '40', '41', and '42' point to a horizontal structural element. The drawing includes break lines (double parallel lines) on the left and right sides, indicating that the assembly continues beyond the shown section.

1-1/4" MIN.
EMB. (TYP.)

3

C

F

50

51

K

SEE NOTE 1

D

B

E

This technical drawing illustrates a cross-section of a wall assembly. On the left, a vertical section of a wall is shown with a hatched pattern, labeled '50' and '51'. A fastener, labeled 'K' and 'SEE NOTE 1', is shown passing through this section. To the right of this is a vertical section labeled '3' and 'C'. Further right is a vertical section labeled 'F'. A horizontal dimension line at the top indicates a distance of '1-1/4" MIN.' and 'EMB. (TYP.)'. At the bottom, three circular callouts labeled 'D', 'B', and 'E' point to different parts of the assembly. A large, irregular shape on the right side of the drawing represents a concrete or masonry foundation, with a hatched pattern and a label 'E' pointing to it.

SEE NOTE 2

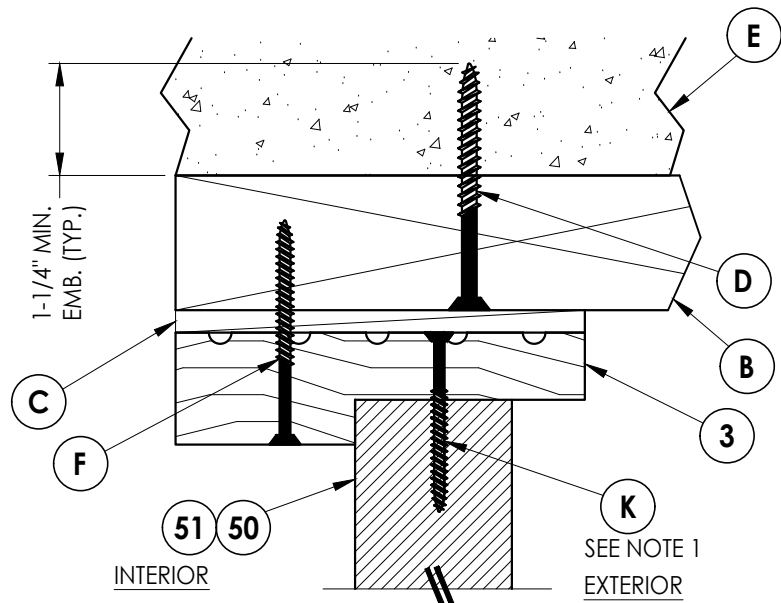
INTERIOR

EXTERIOR

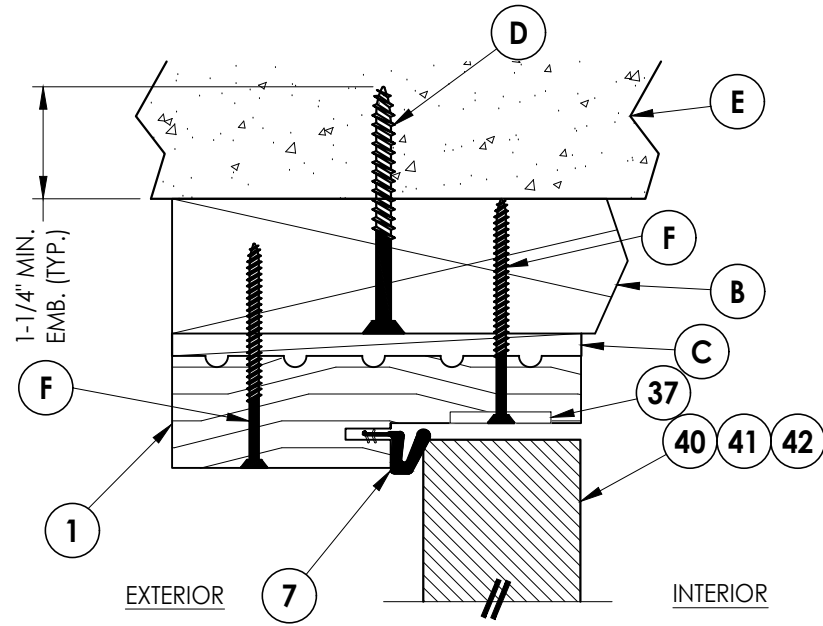
50 51 18 34 35 40 41 42 66 7 21

This technical drawing shows a cross-section of a window frame assembly. The interior side is at the top, and the exterior side is at the bottom. The frame is composed of several parts: a main frame section (50, 51) on the interior, a central sash or pane (18) held in place by a multi-point locking system (34, 35, 40, 41, 42). The exterior side features a weatherstripping or drainage component (7) and a structural reinforcement or support (21). A callout (66) points to the bottom of the frame. The drawing includes hatching to indicate different materials and break lines to show it's a partial view.

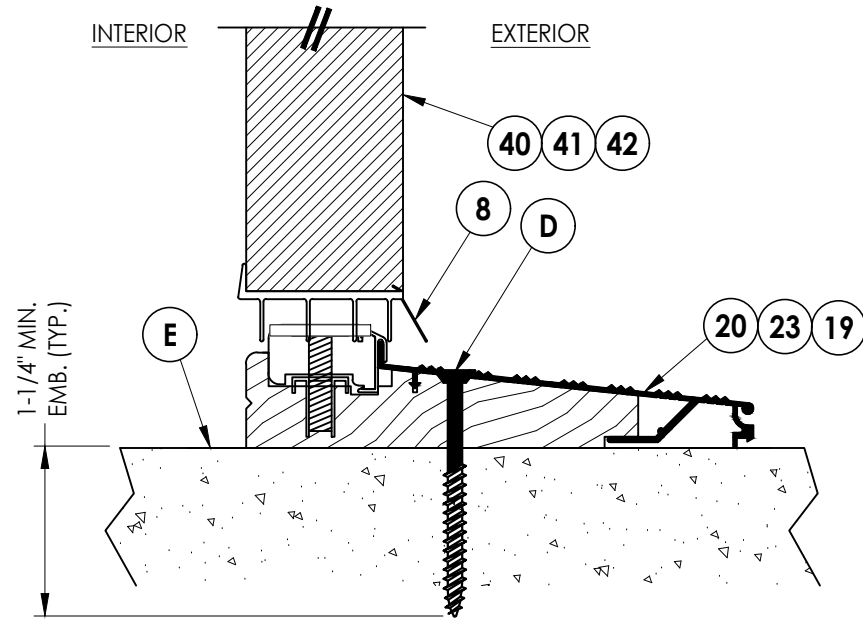
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1
5 **VERTICAL CROSS SECTION**
Inswing shown - outswing also approved

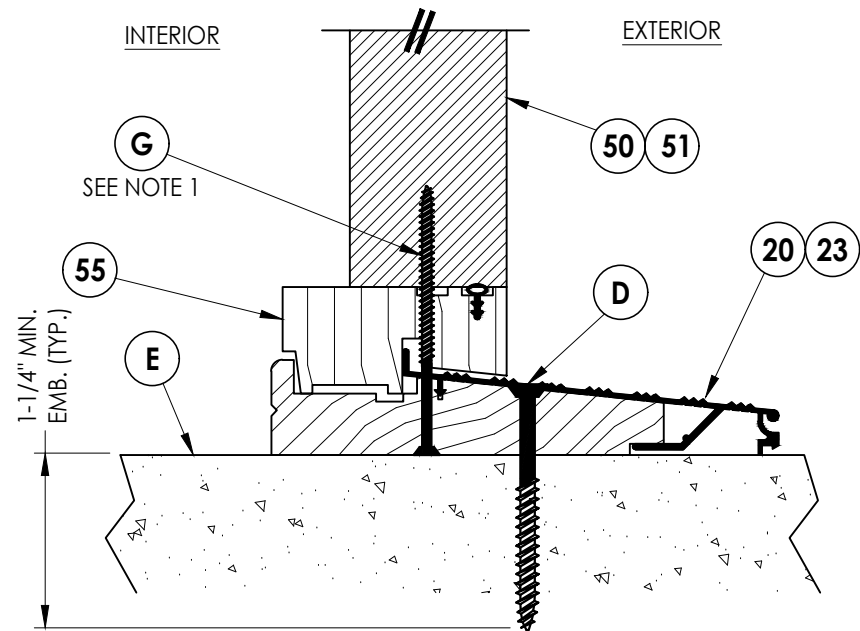


2
5 **VERTICAL CROSS SECTION**
Inswing shown - outswing also approved

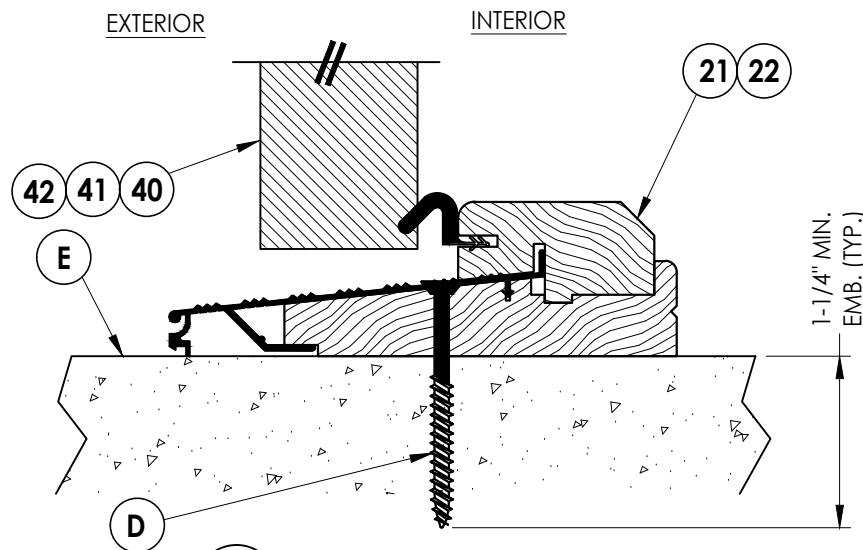


3
5 **VERTICAL CROSS SECTION**
Inswing sill

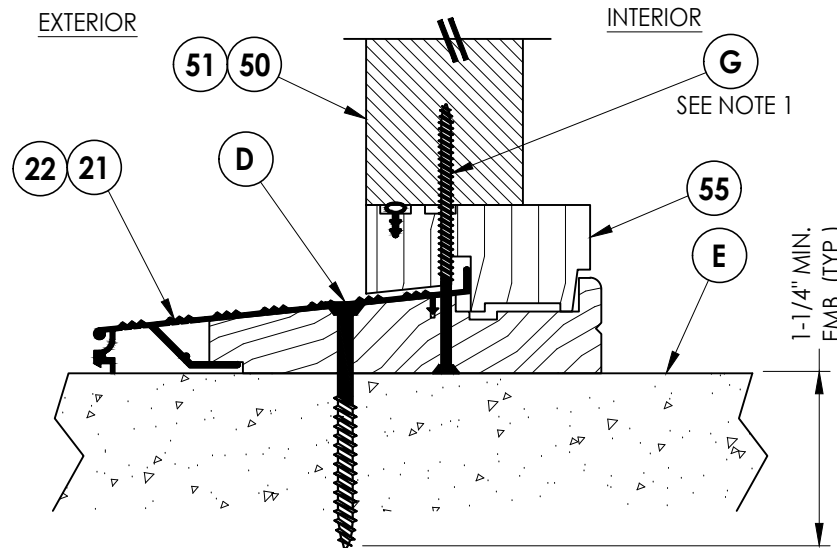
NOTE:
1. Install 2-1/2" from each end plus more equally spaced (4 total).



4
5 **VERTICAL CROSS SECTION**
Inswing sill



5
5 **VERTICAL CROSS SECTION**
Outswing sill



6
5 **VERTICAL CROSS SECTION**
Outswing sill

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

PRODUCT:
DALLAS MILLWORK
WOOD DOOR

PART OR ASSEMBLY:

VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS
4	10/5/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/07/20	UPDATE TO 7TH ED. (2020) FBC LFS
2	7/10/17	UPDATE TO 6TH ED. (2017) FBC JK
1	7/2/15	UPDATE TO 5TH ED. (2014) FBC JK

DATE: 1/29/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

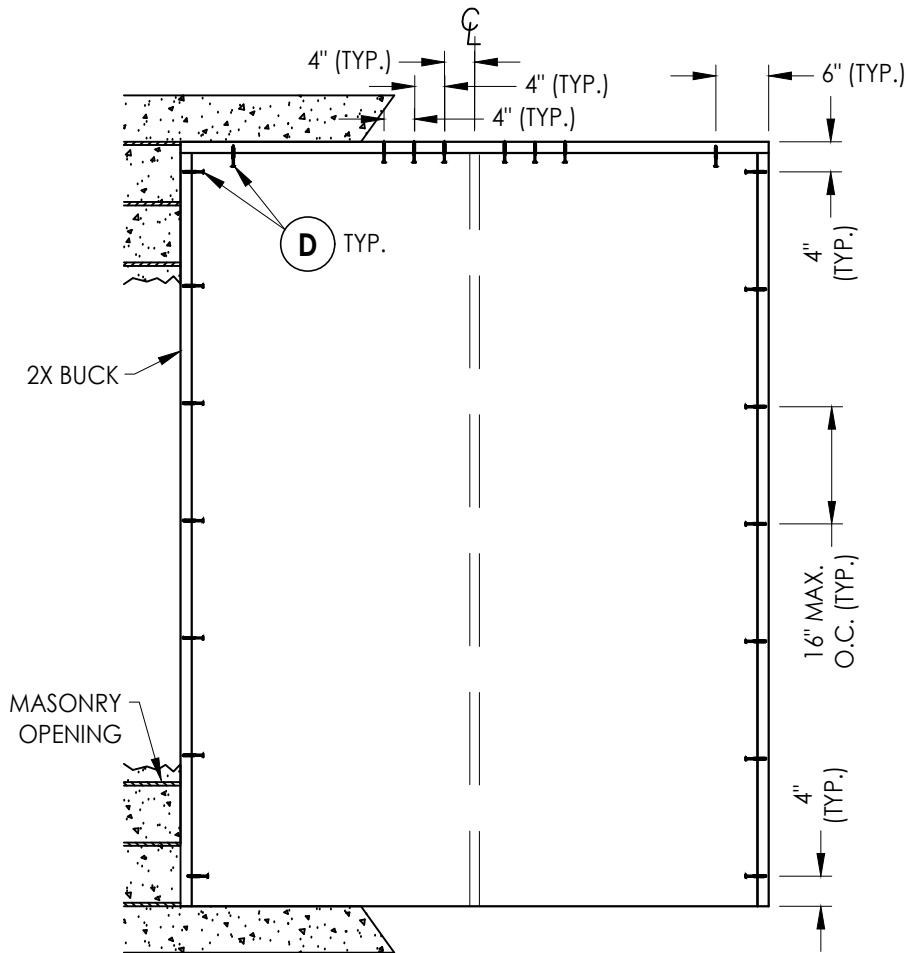
DRAWING NO.:

FL-16185.5

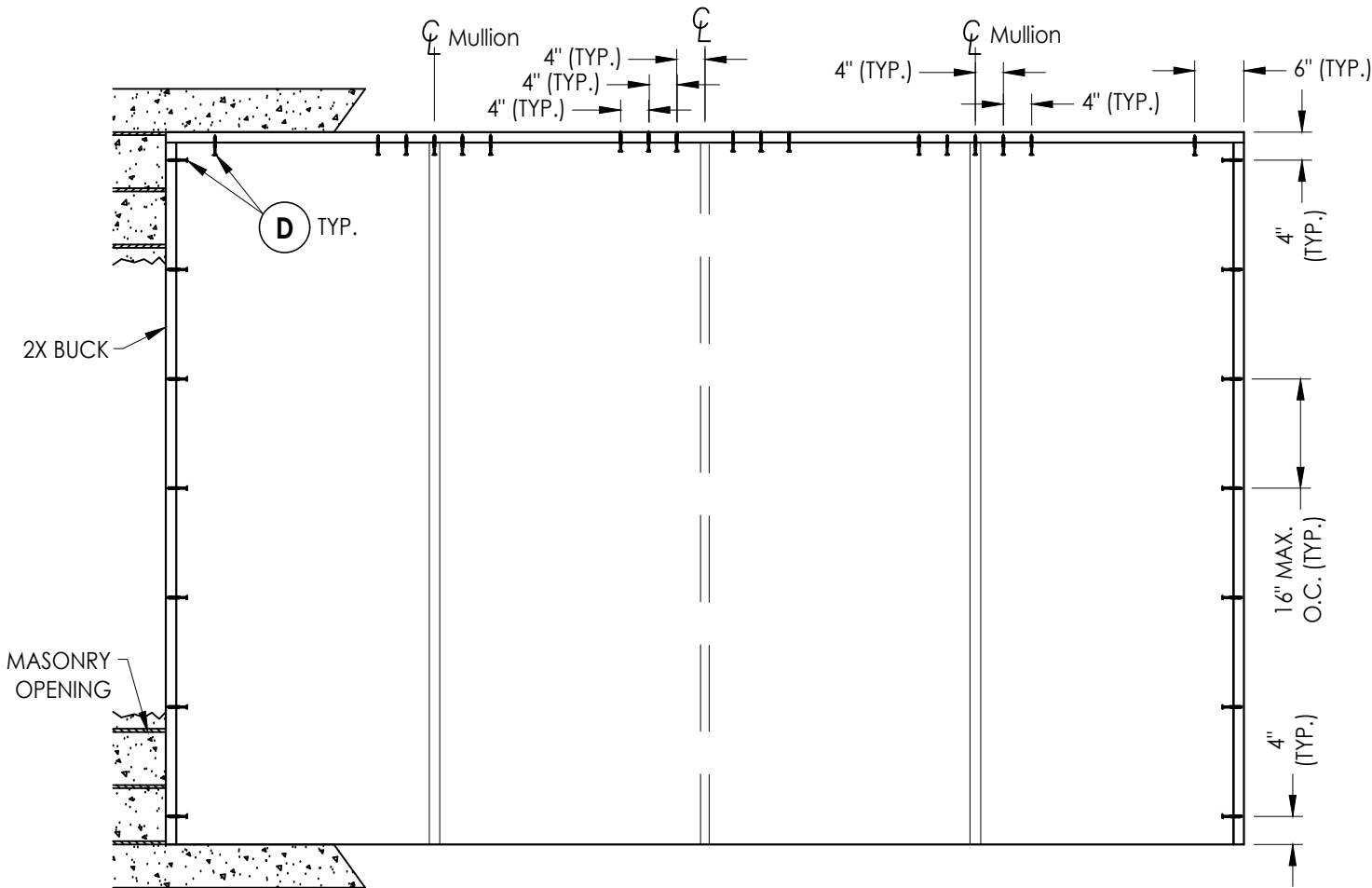
SHEET 5 OF 9

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FBPE Registry No. 9813

Z:\2023 FBC Drawings\Dallas Millwork, Inc\FL-16185 R5 NI Wood Doors\FL-16185.5-.6.dwg



BUCK ANCHORING
XX



BUCK ANCHORING
OXXO

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 ULTRAACON®	1/4"	1-1/4"	1"	4"

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

PRODUCT:
DALLAS MILLWORK
WOOD DOOR

PART OR ASSEMBLY:
BUCK ANCHORING

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

NO.	DATE	REVISIONS
4	10/5/23	UPDATE TO 8TH ED. (2023) FBC
3	8/07/20	UPDATE TO 7TH ED. (2020) FBC
2	7/10/17	UPDATE TO 6TH ED. (2017) FBC
1	7/2/15	UPDATE TO 5TH ED. (2014) FBC
NO.	DATE	BY

DATE: 1/29/13

SCALE: N.T.S.

DWG. BY: JK

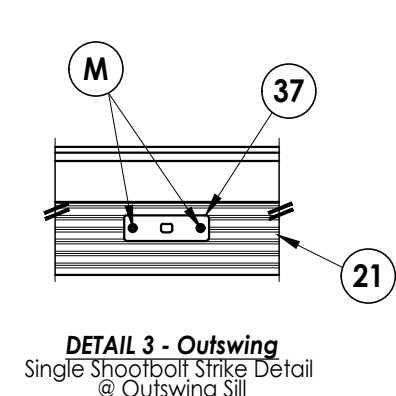
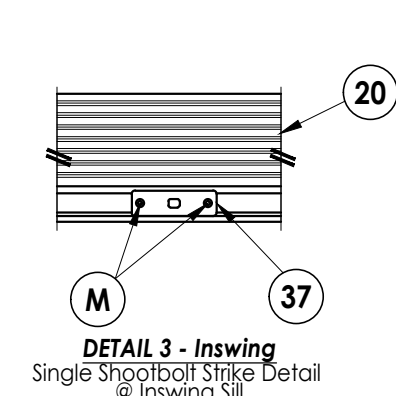
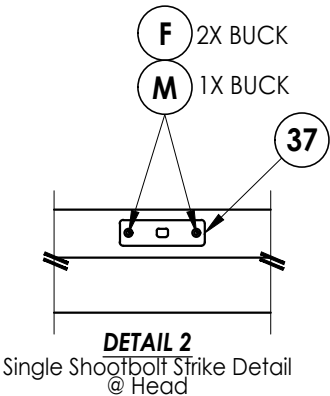
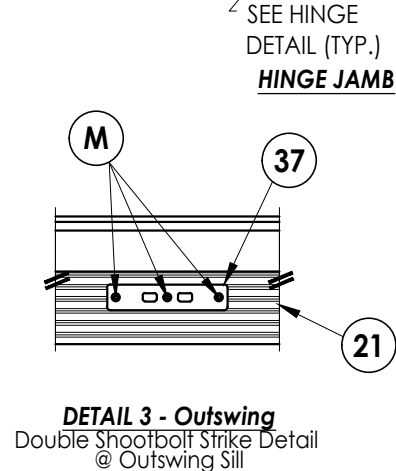
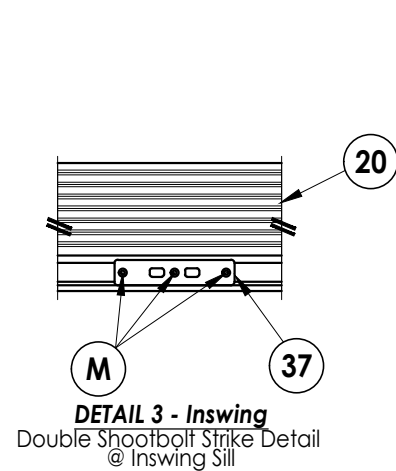
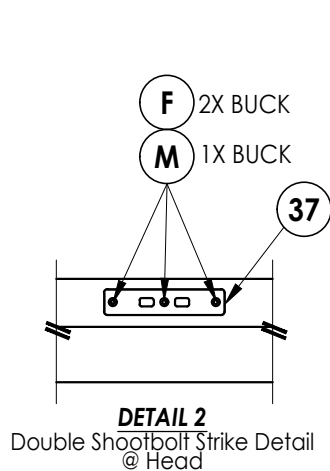
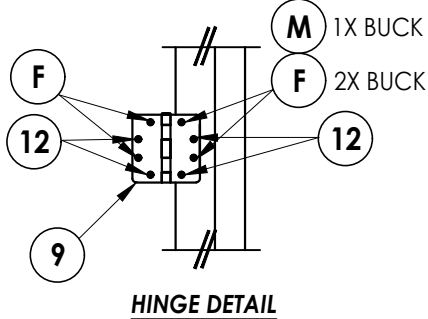
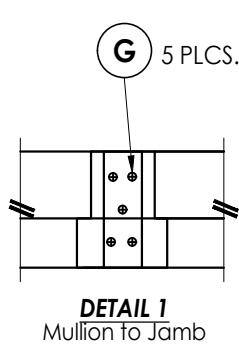
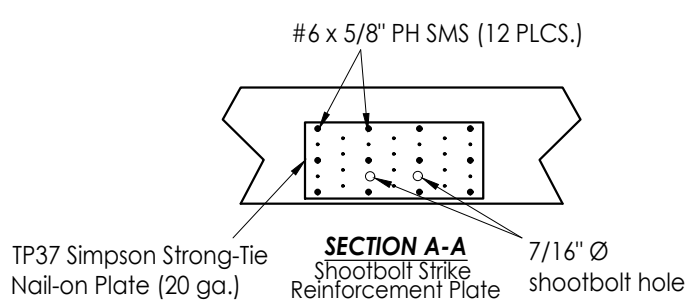
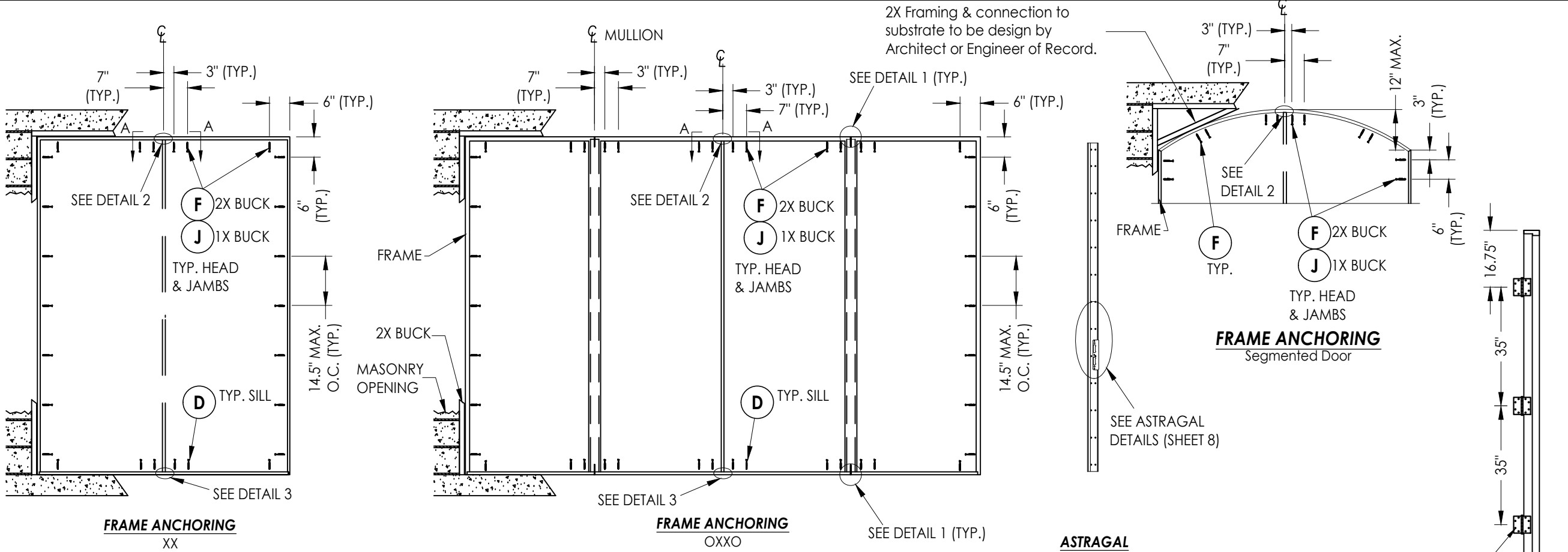
CHK. BY: LFS

DRAWING NO.:

FL-16185.5

SHEET 6 OF 9

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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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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:
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: DALLAS MILLWORK
WOOD DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

NO.	DATE	REVISIONS
4	10/5/23	UPDATE TO 8TH ED. (2023) FBC
3	8/07/20	UPDATE TO 7TH ED. (2020) FBC
2	7/10/17	UPDATE TO 6TH ED. (2017) FBC
1	7/2/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 1/29/13

SCALE: N.T.S.

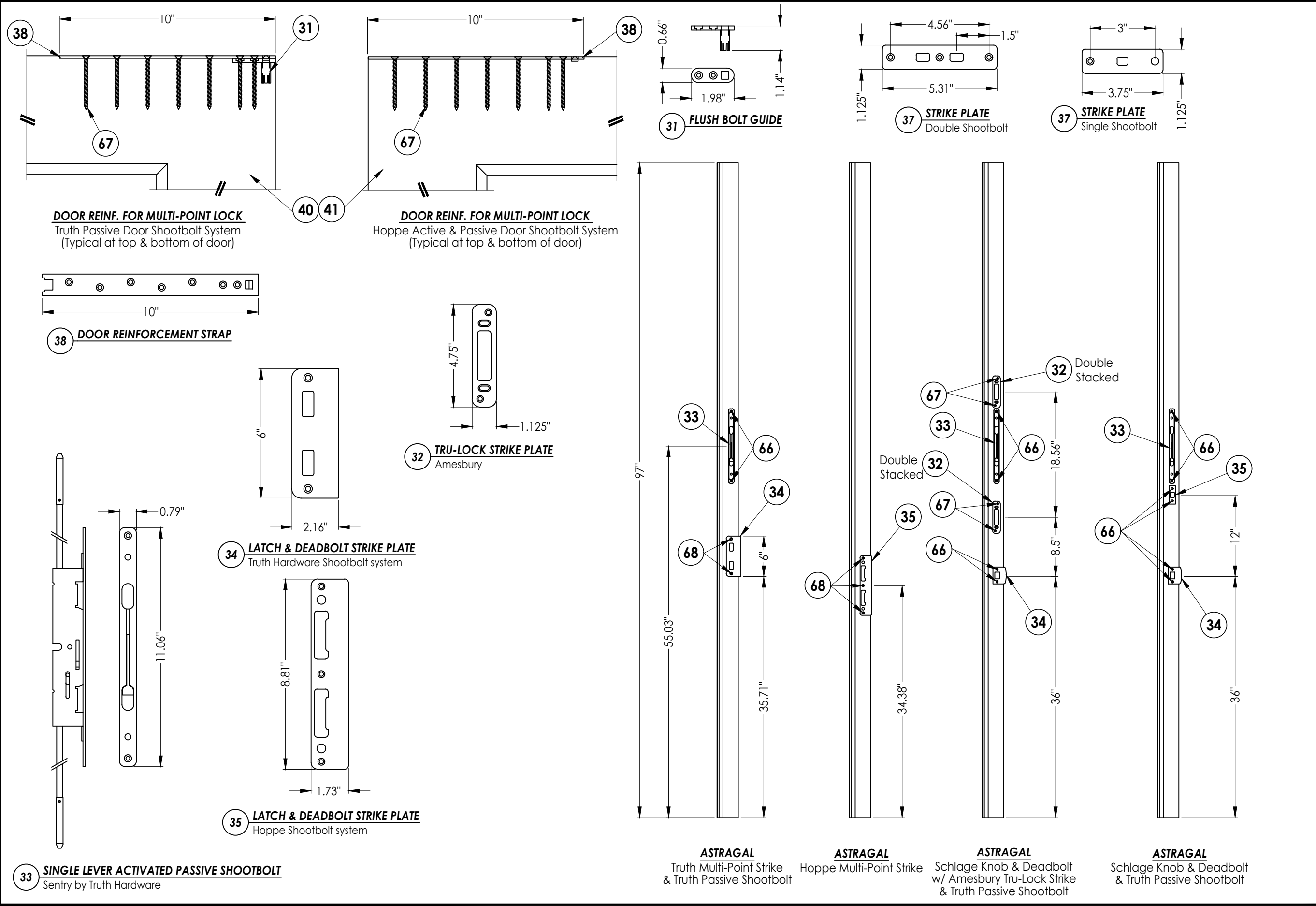
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-16185.5

SHEET 7 OF 9

Z:\2023 FBC Drawings\Dallas Millwork, Inc\FL-16185 R5 NI Wood Doors\FL-16185.5-.6.dwg

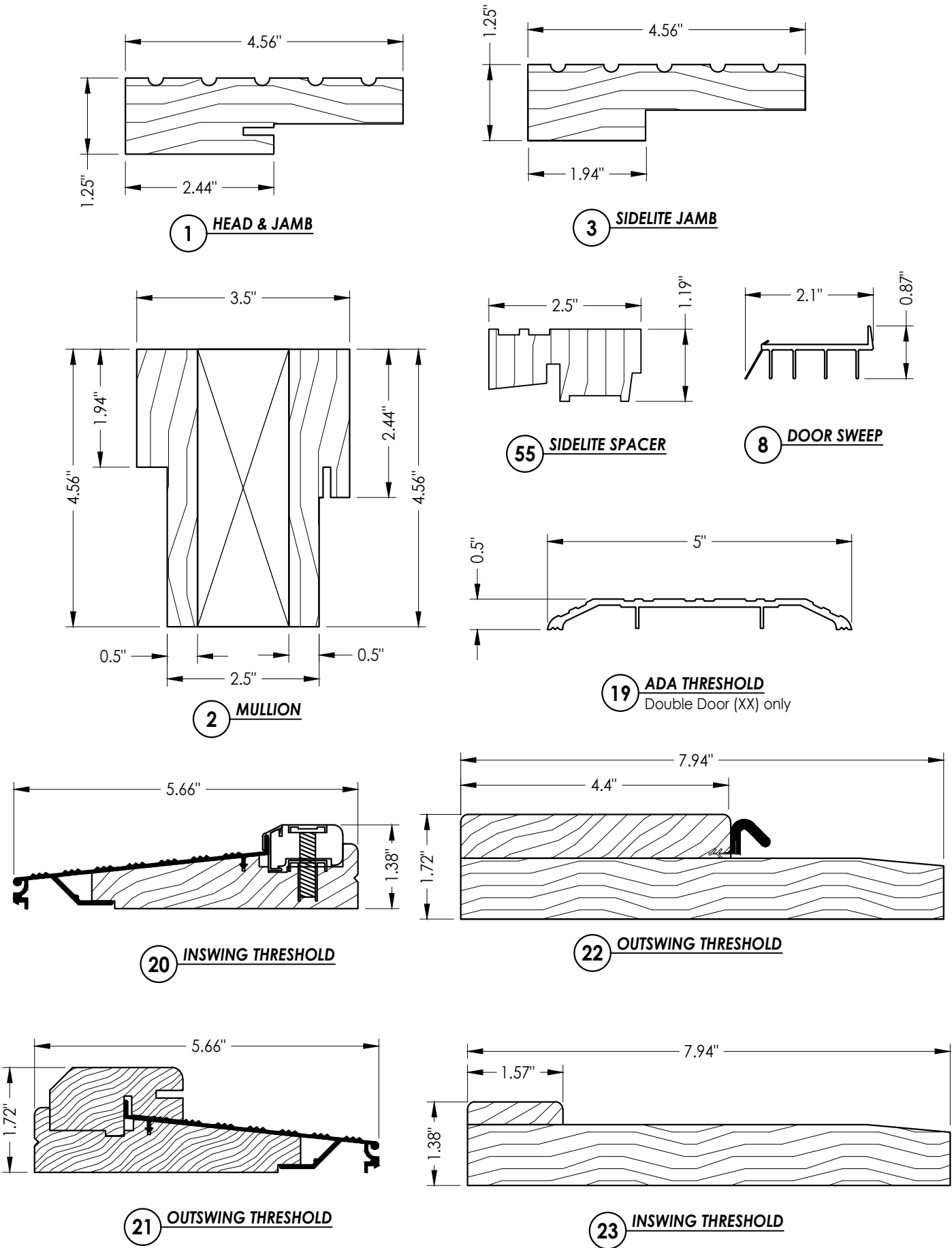


Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: DALLAS MILLWORK WOOD DOOR		PART OR ASSEMBLY: LOCK HARDWARE DETAILS	
4	10/5/23	UPDATE TO 8TH ED. (2023) FBC	LFS
3	8/07/20	UPDATE TO 7TH ED. (2020) FBC	LFS
2	7/10/17	UPDATE TO 6TH ED. (2017) FBC	JK
1	7/2/15	UPDATE TO 5TH ED. (2014) FBC	JK
NO.	DATE	REVISIONS	
DATE: 1/29/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16185.5			
SHEET 8 OF 9			

Z:\2023 FBC Drawings\Dallas Millwork, Inc\FL-16185 R5 NI Wood Doors\FL-16185.5-.6.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK G ≥ 0.42	WOOD
B	2X BUCK G ≥ 0.42	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
F	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT w/ 0.15" C'-SINK)	STEEL
G	#10 X 3" PFH WOOD SCREW	STEEL
H	#10 X 4" PFH WOOD SCREW	STEEL
J	1/4" X 3-3/4" PFH DeWALT OR ITW CONCRETE SCREW	STEEL
K	#10 X 2" PFH WOOD SCREW	STEEL
M	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
1	HEAD AND JAMB	WOOD
2	MULLION	WOOD
3	SIDELITE JAMB	WOOD
7	WEATHERSTRIP (QLON)	FOAM
8	DOOR SWEEP	PVC
9	4" x 4" HINGE	STEEL
12	#12 X 1" PFH WOOD SCREW	STEEL
17	16 GA. X 1" BRAD NAIL	STEEL
18	16 GA. X 2" BRAD NAIL	STEEL
19	ADA SILL	ALUM
20	INSWING THRESHOLD	ALUM/WOOD
21	OUTSWING THRESHOLD	ALUM/WOOD
22	OUTSWING THRESHOLD	WOOD
23	INSWING THRESHOLD	WOOD
31	FLUSH BOLT GUIDE	STEEL
32	TRU-LOCK STRIKE PLATE	STEEL
33	SINGLE LEVER ACTIVATED PASSIVE SHOOTBOLT (Truth)	-
34	LATCH & DEADBOLT STRIKE PLATE (Truth)	STEEL
35	LATCH & DEADBOLT STRIKE PLATE (Hoppe)	STEEL
37	STRIKE PLATE (SINGLE OR DOUBLE SHOOTBOLT)	STEEL
38	DOOR REINFORCEMENT STRAP	STEEL
40	WOOD DOOR PANEL (OPAQUE)	WOOD
41	WOOD DOOR PANEL (GLAZED 3/4 LITE)	WOOD
42	WOOD DOOR PANEL (GLAZED FULL LITE)	WOOD
50	WOOD SIDELITE PANEL (GLAZED 3/4 LITE)	WOOD
51	WOOD SIDELITE PANEL (GLAZED FULL LITE)	WOOD
55	SIDELITE SPACER	WOOD
66	#8 X 3/4" PFH WOOD SCREW	STEEL
67	#8 X 2-1/2" PFH WOOD SCREW	STEEL
68	#8 X 1" PFH WOOD SCREW	STEEL

NOTE: WOOD DOOR/SIDELITE PANEL MATERIAL: SAPELE (S.G. ≥ 0.54)
WOOD JAMB MATERIAL: RADIATA PINE (S.G. ≥ 0.44)



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P.E. No. 43409

PRODUCT:
DALLAS MILLWORK, INC.
WOOD DOOR

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		DATE	BY	JK	LFS
4	10/5/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
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1	7/2/15	UPDATE TO 5TH ED. (2014)	FBC	JK	

DATE: 1/29/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-16185.5

SHEET 9 OF 9

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