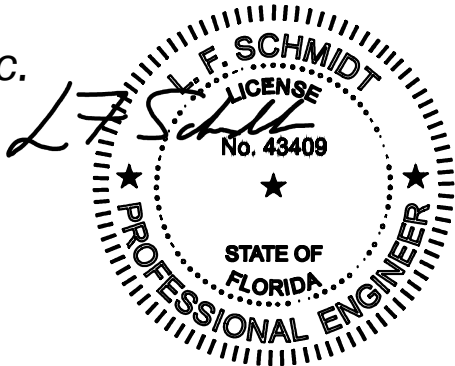




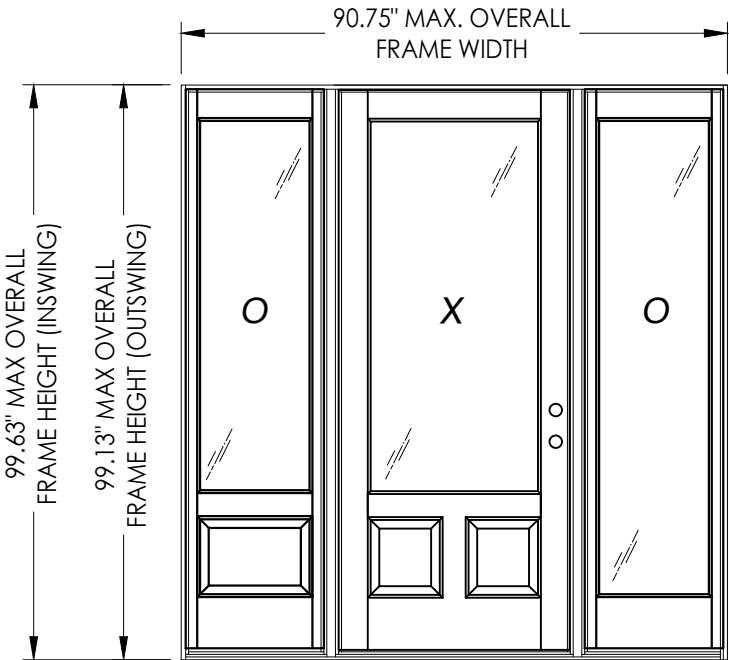
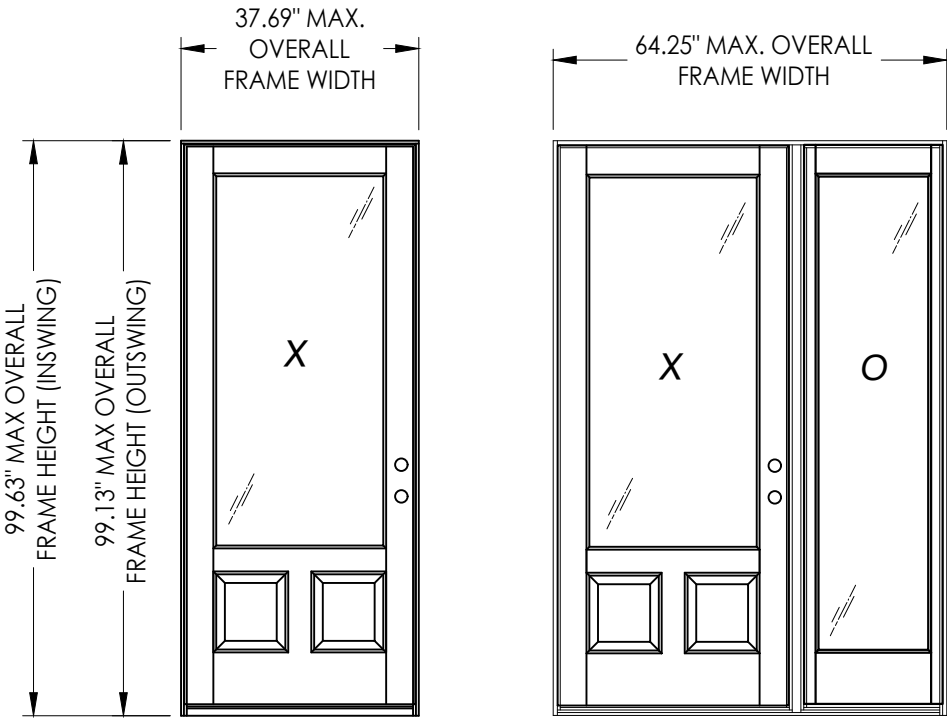
DALLAS MILLWORK, Inc.



Digitally signed by Lyndon F Schmidt
Date: 2023.10.05 17:16:43 -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



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	Sidelite panel details
4	Elevations
5	Horizontal cross sections
6	Vertical cross sections
7	Buck anchoring
8	Frame anchoring
9	Bill of materials and components

CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING		LOCK HARDWARE
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	
X	37.69" x 99.63"	+55.0	-60.0	+55.0	-55.0	See Sheet 4 for Design Pressure Limitations
XO / OX	64.25" x 99.63"	+55.0	-60.0	+55.0	-55.0	
OXO	90.75" x 99.63"	+55.0	-60.0	+55.0	-55.0	

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

PRODUCT: DALLAS MILLWORK WOOD DOOR

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

10/5/23	UPDATE TO 8TH ED. (2023) FBC	LFS
8/07/20	UPDATE TO 7TH ED. (2020) FBC	LFS
7/10/17	UPDATE TO 6TH ED. (2017) FBC	JK
7/2/15	UPDATE TO 5TH ED. (2014) FBC	JK
DATE		BY

REVISIONS

DATE: 1/29/13

SCALE: N.T.S.

DWG. BY: JK

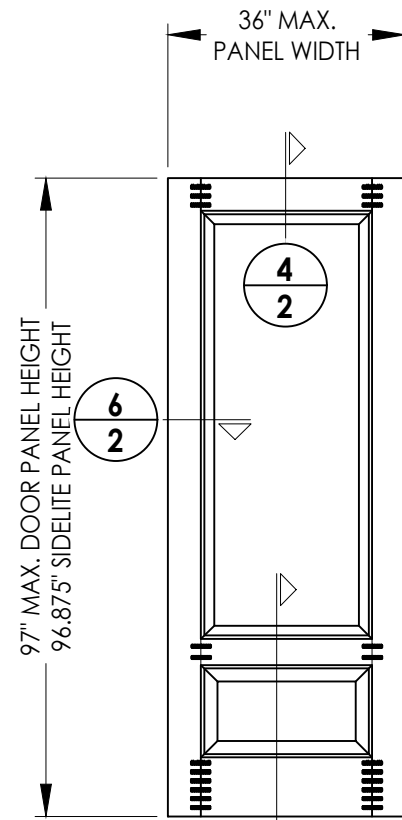
CHK. BY: LFS

DRAWING NO.: FL-16185.1

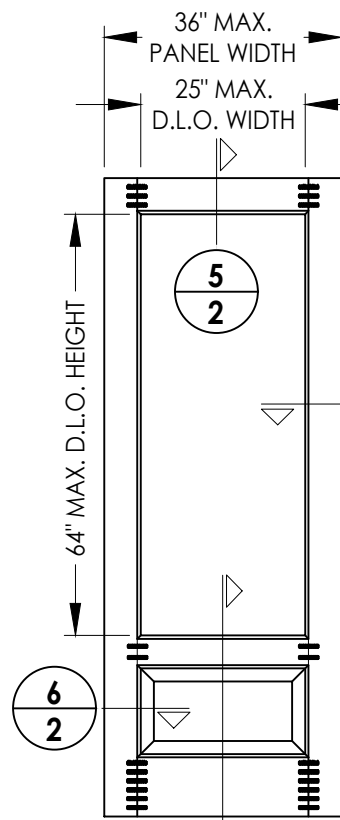
SHEET 1 OF 9

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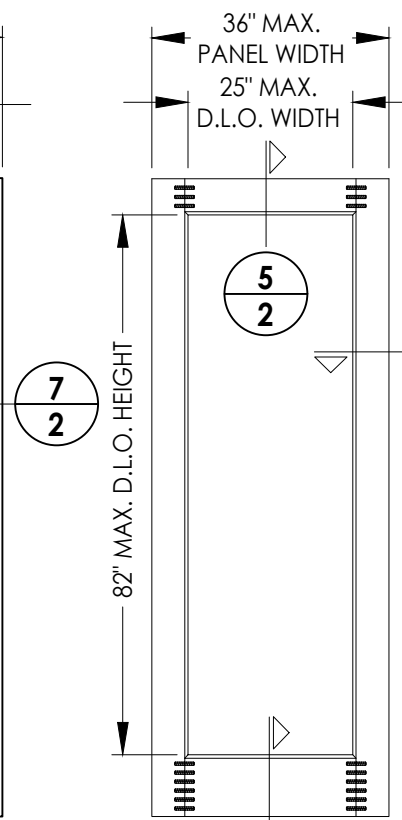
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813



40 WOOD DOOR
Opaque

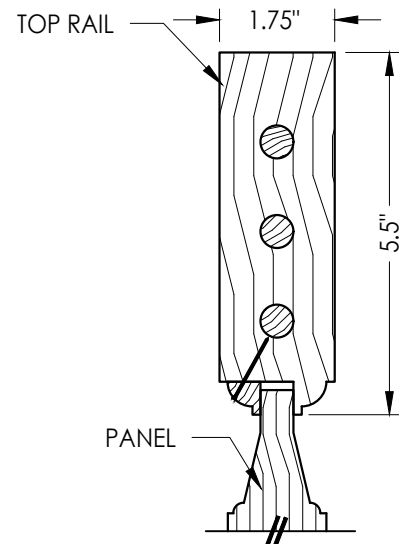


41 WOOD DOOR
3/4 Lite

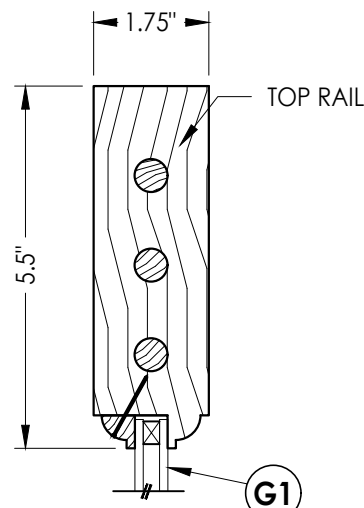


42 WOOD DOOR
Full Lite

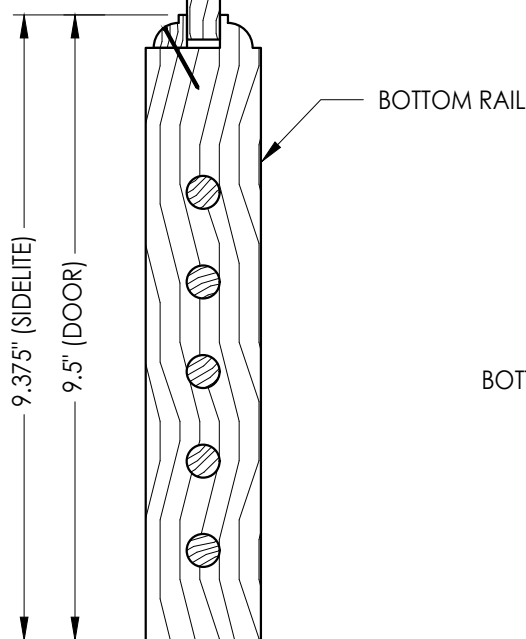
- NOTES :
1. Spaced 1" from ends and 5.25" O.C.
 2. Lock & deadbolt centerline may be reduced to 5.5" (max. overall door height = 90.5").
 3. Door height may be reduced as long as hinge centerline distances (35") are not exceeded.



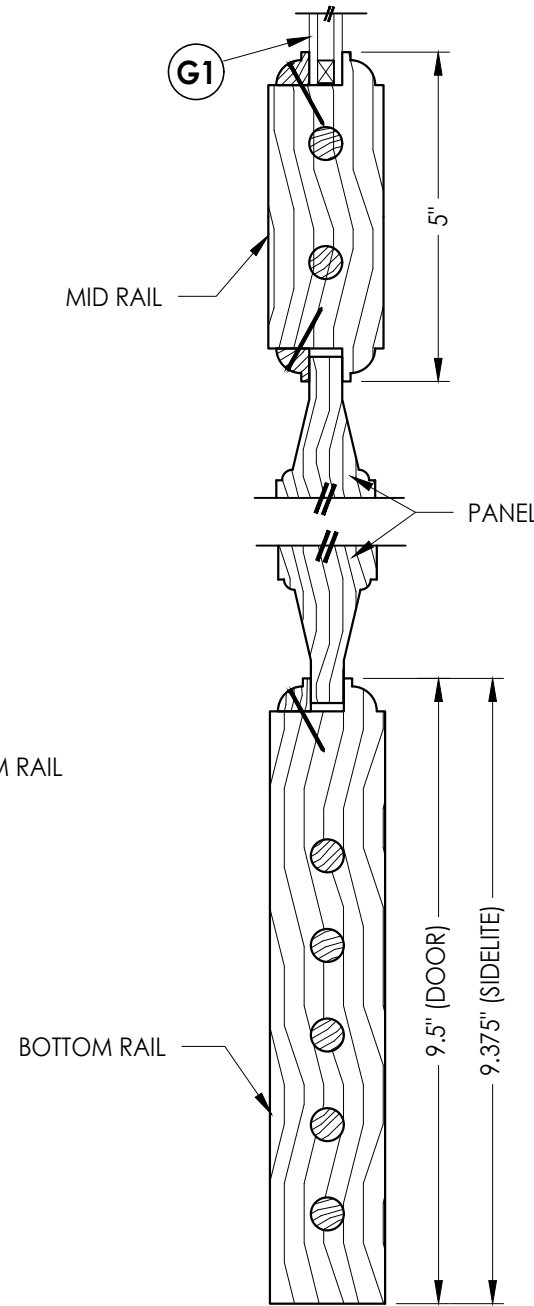
4/2 VERTICAL CROSS SECTION



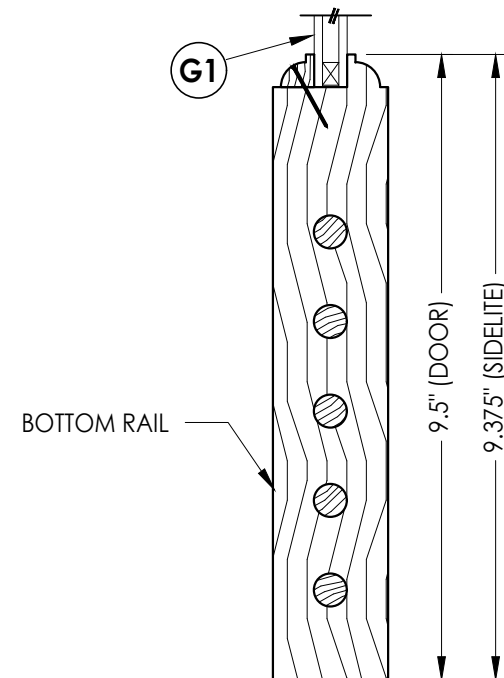
5/2 VERTICAL CROSS SECTION



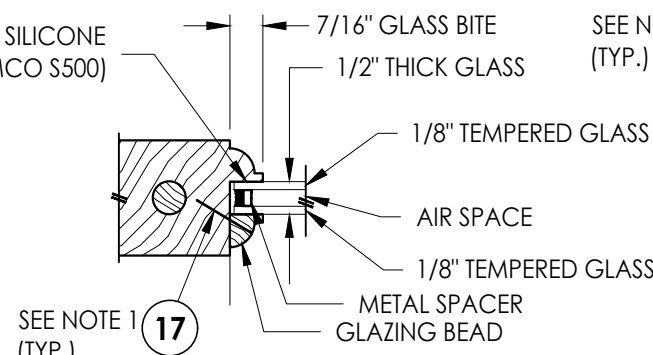
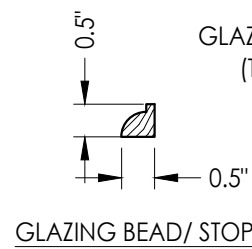
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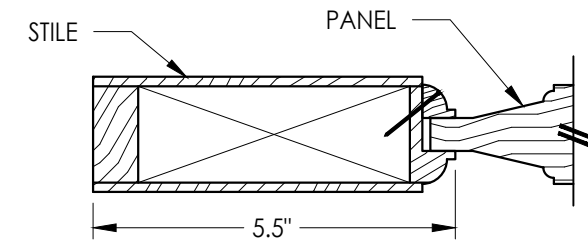
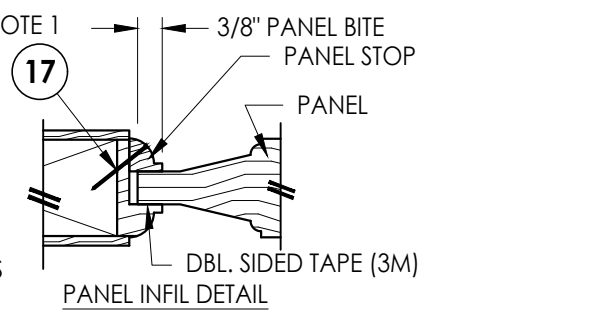
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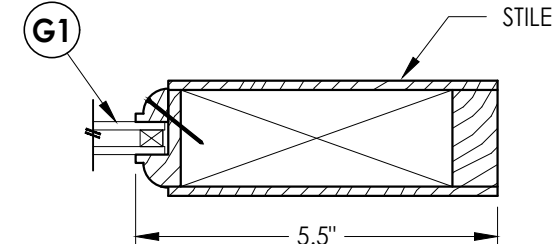
3/2 VERTICAL CROSS SECTION



G1 GLAZING DETAIL



6/2 HORIZONTAL CROSS SECTION



7/2 HORIZONTAL CROSS SECTION

Documents Prepared By:		Lyndon F. Schmidt		P.E. No. 43409	
PRODUCT:		DALLAS MILLWORK		WOOD DOOR	
PART OR ASSEMBLY:		DOOR PANEL DETAILS			
DATE:		10/5/23	UPDATE TO 8TH ED. (2023)	FBC	LFS
SCALE:		8/07/20	UPDATE TO 7TH ED. (2020)	FBC	LFS
DWG. BY:		7/10/17	UPDATE TO 6TH ED. (2017)	FBC	JK
CHK. BY:		7/2/15	UPDATE TO 5TH ED. (2014)	FBC	JK
DRAWING NO.:		NO.	DATE		
SHEET		2	OF	9	

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REVISIONS

DATE: 1/29/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-16185.1

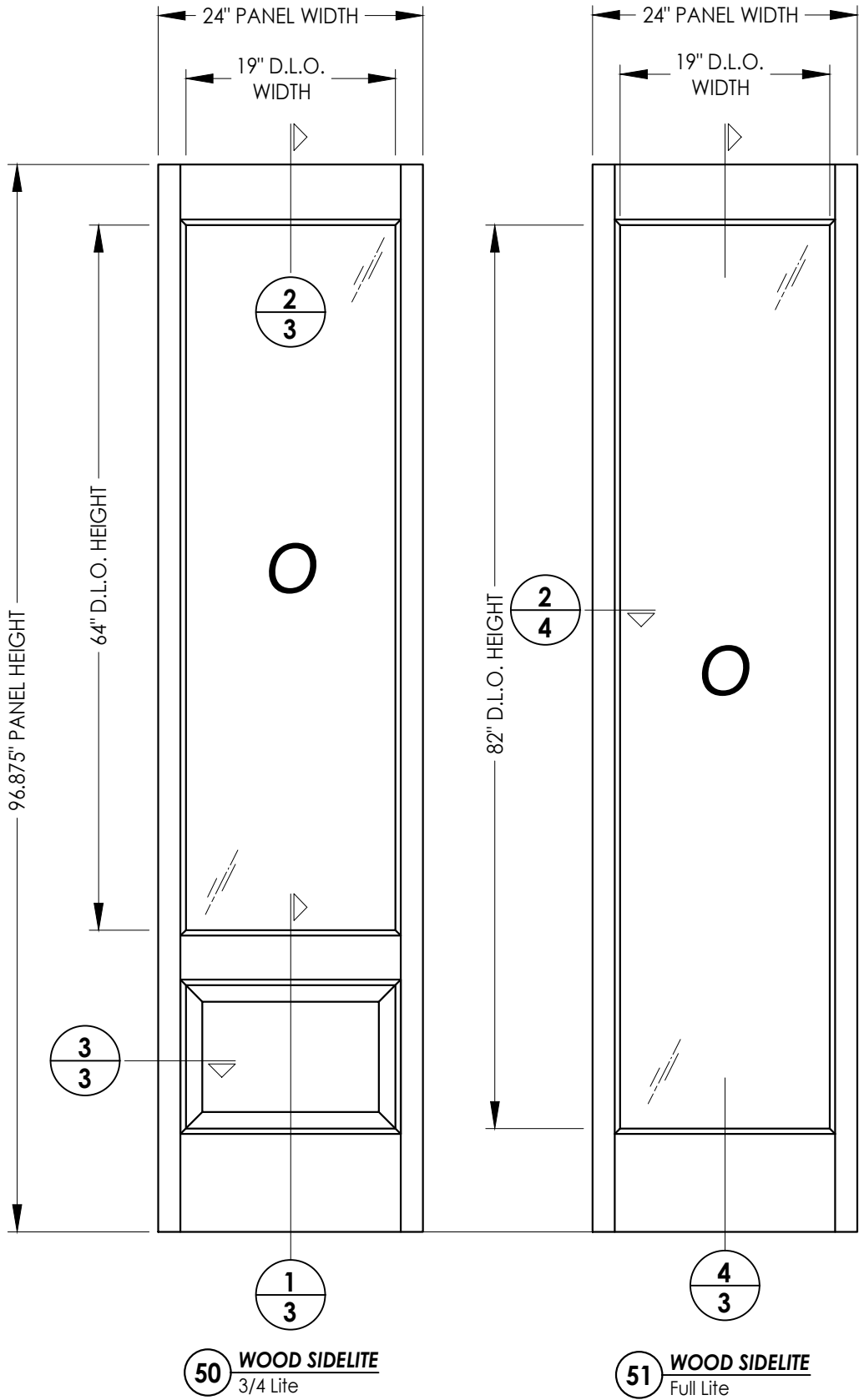
Building Consultants, Inc.

P.O. Box 230, Valrico, FL 33595

Phone No.: 813.659.9197

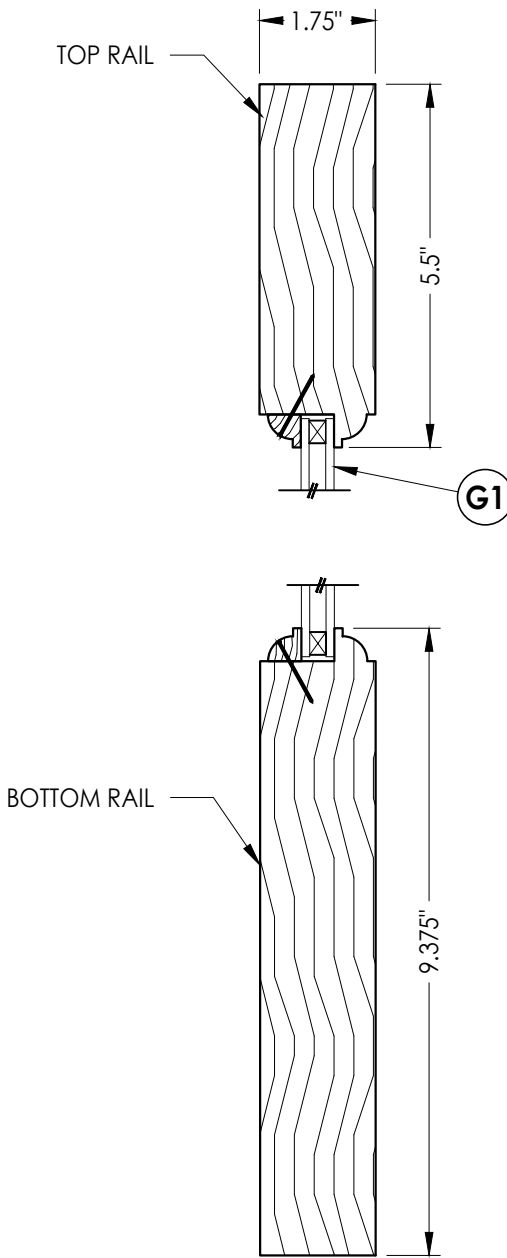
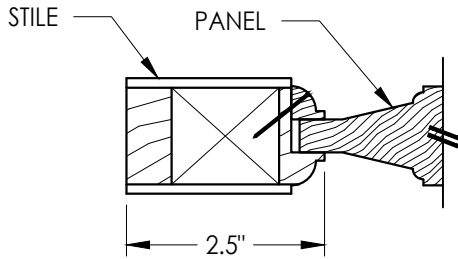
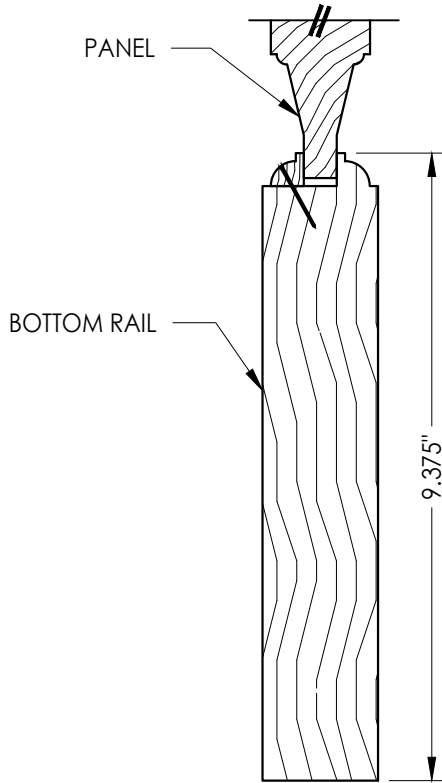
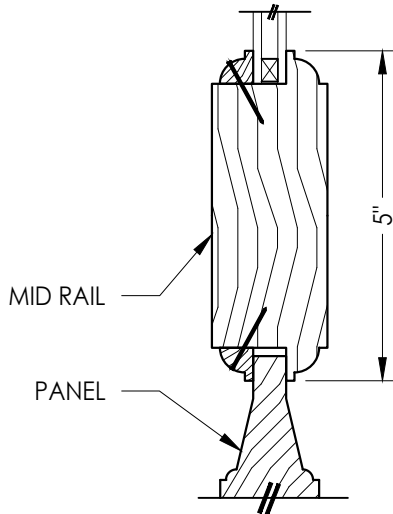
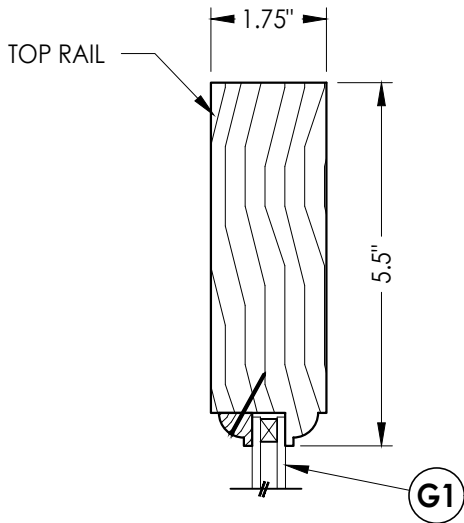
FBPE Registry No. 9813

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NOTE:

- Sidelite stiles are connected to each rail as follows:
Top & Mid Rails: (2) #9 x 3" Grip Rite screws each
Bottom Rail: (3) #9 x 3" Grip Rite screws each



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-16185.1

SHEET 3 OF 9

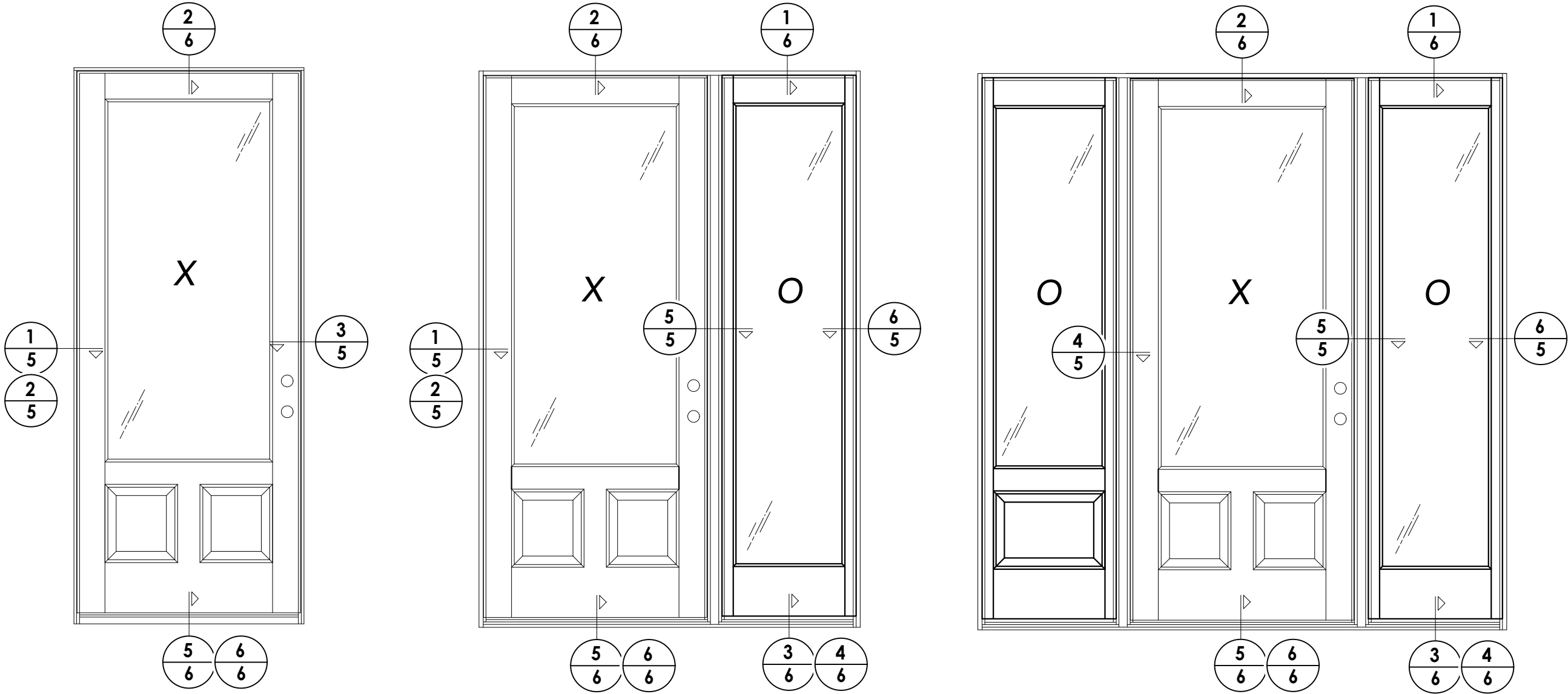
PRODUCT: DALLAS MILLWORK WOOD DOOR

PART OR ASSEMBLY: SIDELITE PANEL DETAILS

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

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

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HARDWARE CHART		
MANUFACTURER	MODEL	MAX. DESIGN PRESSURE
SCHLAGE	Knob: "F" Series Deadbolt: B60/62	INSWING (+55/-60 PSF)
AMESBURY	TRU-LOCK BOLT SYSTEM (3205 Series)	OUTSWING (+55/-55 PSF)

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

HARDWARE CHART		
MANUFACTURER	MODEL	MAX. DESIGN PRESSURE
KWIKSET	Knob: Signature Series Deadbolt: 980	INSWING (+50/-55 PSF)
AMESBURY	TRU-LOCK BOLT SYSTEM (3205 Series)	OUTSWING (+50/-50 PSF)

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

HARDWARE CHART		
MANUFACTURER	MODEL	MAX. DESIGN PRESSURE
SCHLAGE	Knob: "F" Series Deadbolt: B60/62	INSWING (+40/-45 PSF) OUTSWING (+40/-40 PSF)

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

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

DATE: 1/29/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-16185.1

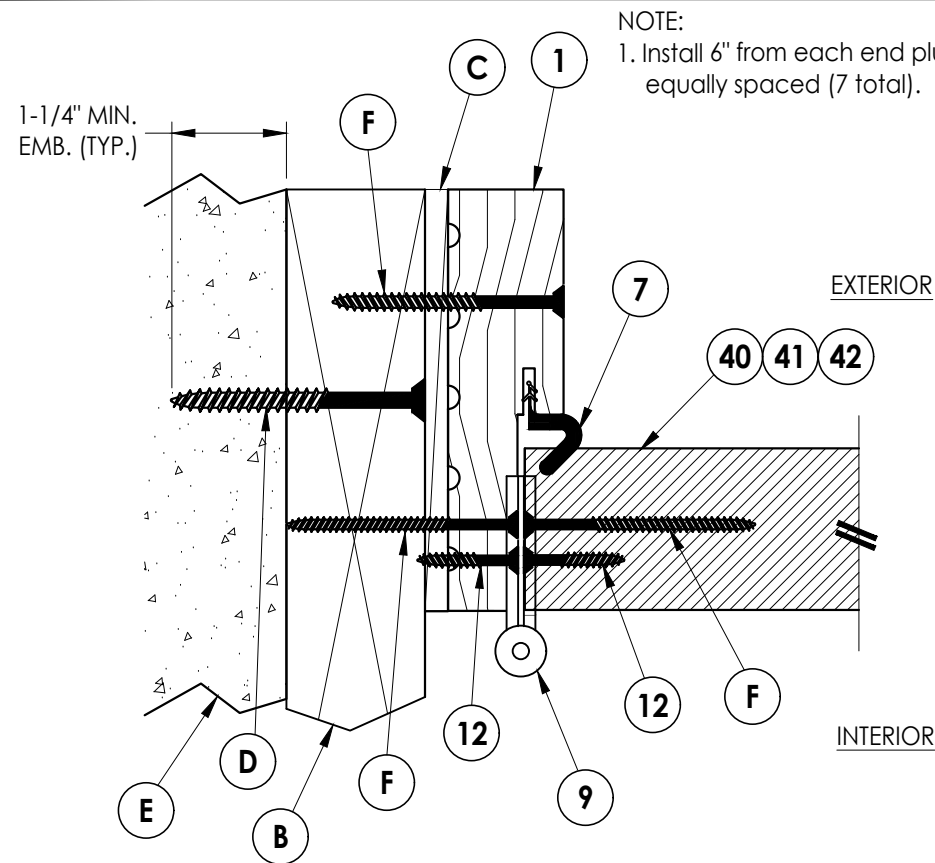
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PRODUCT:	DALLAS MILLWORK WOOD DOOR
	PART OR ASSEMBLY: ELEVATIONS

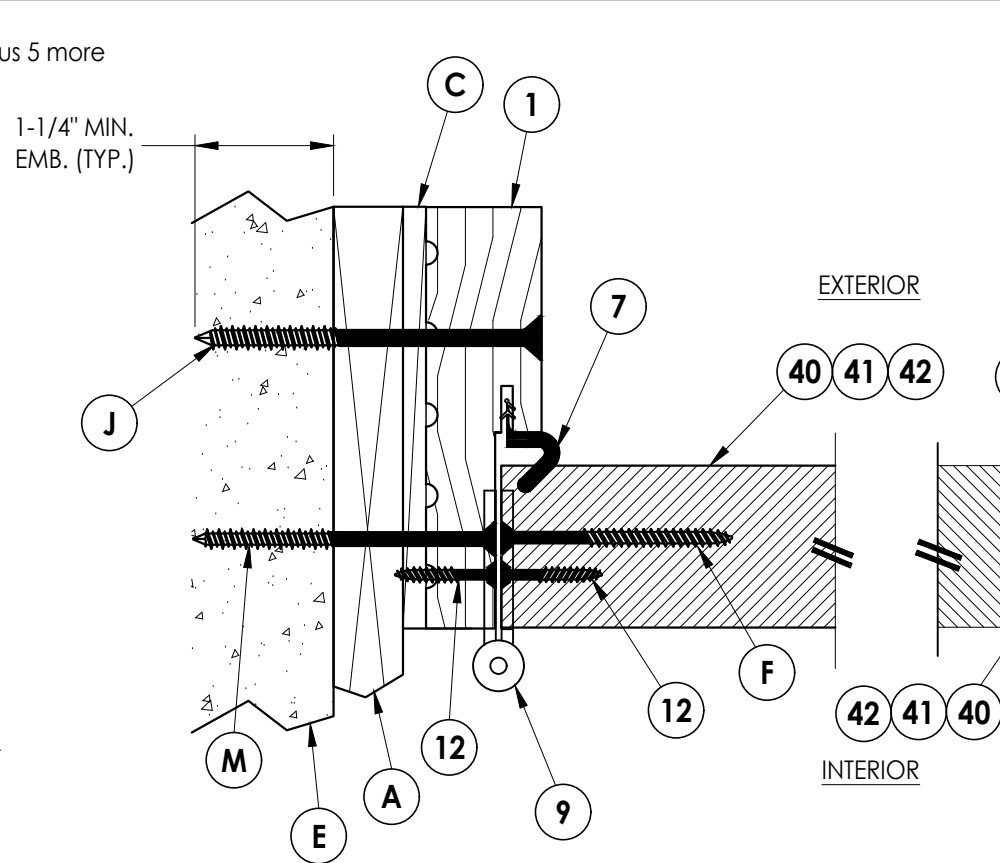
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

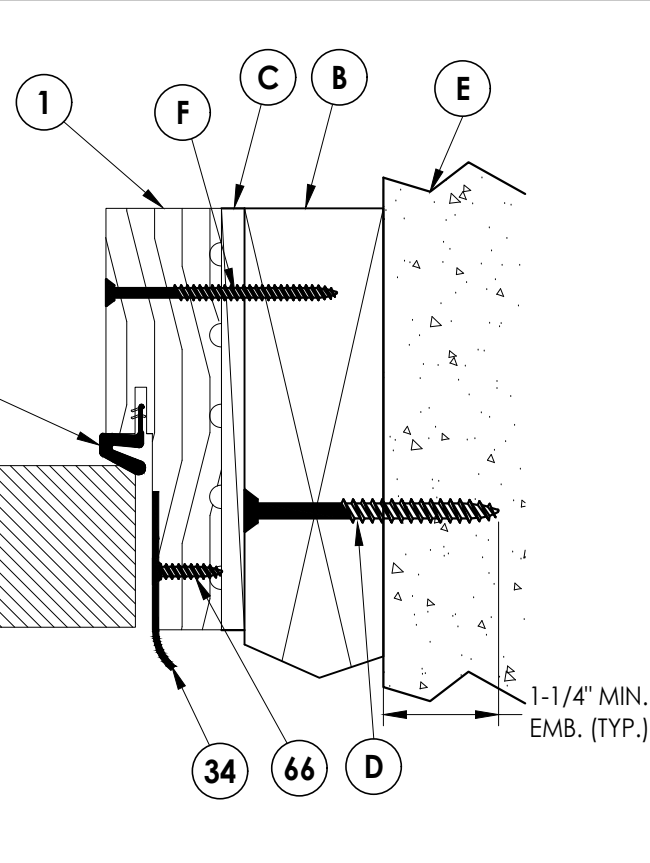
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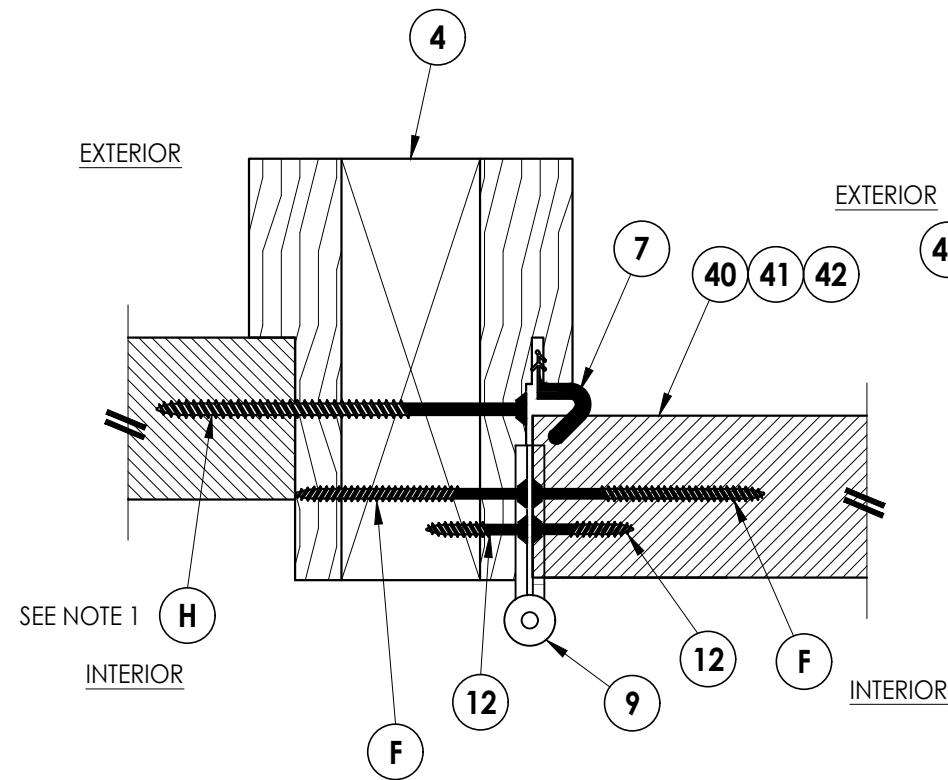
1 **HORIZONTAL CROSS SECTION**
5 Inswing shown - outswing also approved



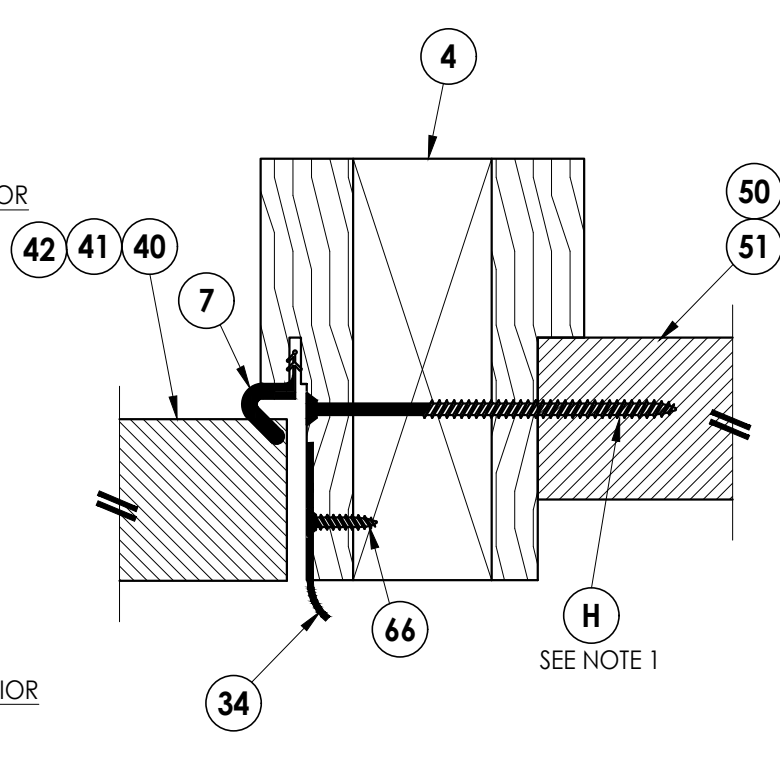
2 **HORIZONTAL CROSS SECTION**
5 Shown w/ 1X sub-buck



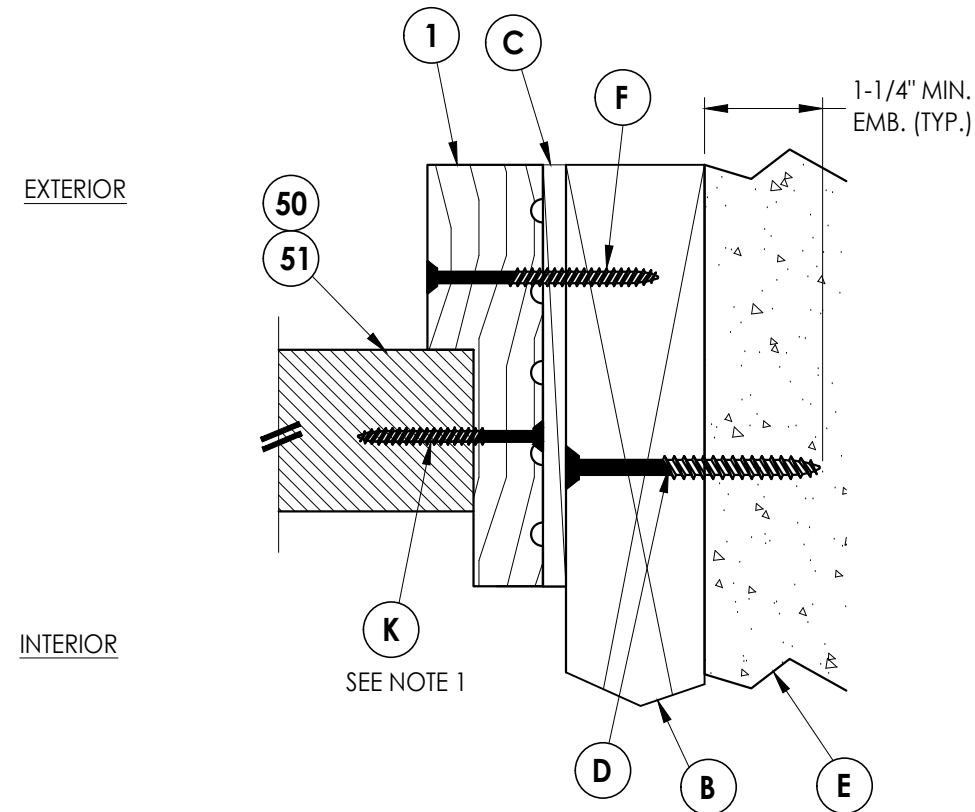
3 **HORIZONTAL CROSS SECTION**
5 Inswing shown - outswing also approved



4 **HORIZONTAL CROSS SECTION**
5 Inswing shown - outswing also approved

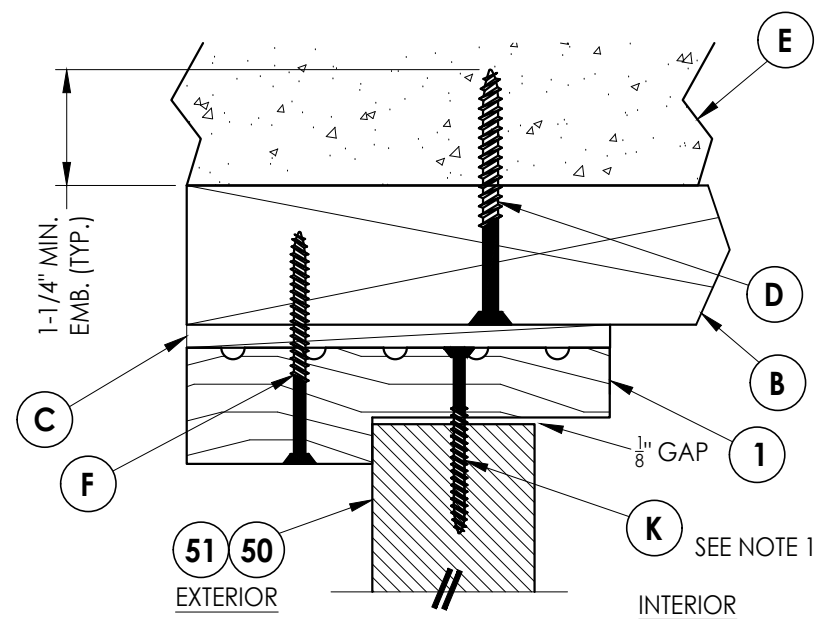


5 **HORIZONTAL CROSS SECTION**
5 Inswing shown - outswing also approved

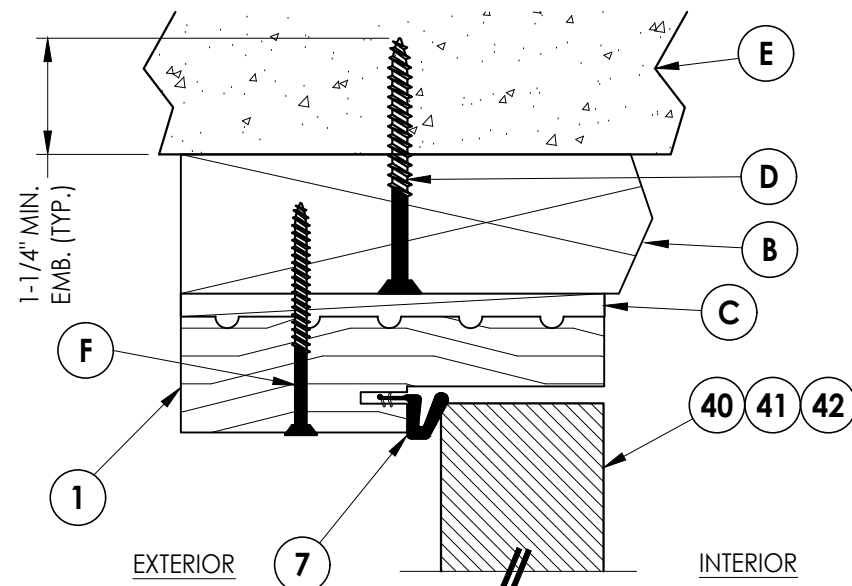


6 **HORIZONTAL CROSS SECTION**
5 Inswing shown - outswing also approved

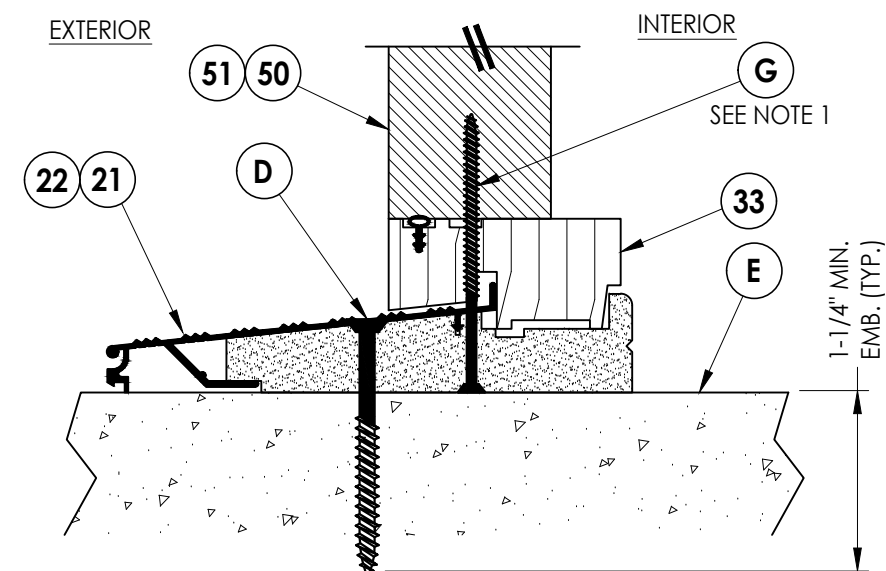
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT: DALLAS MILLWORK WOOD DOOR		PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS	
4	10/5/23	UPDATE TO 8TH ED. (2023)	FBC
3	8/07/20	UPDATE 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	REVISIONS	
DATE: 1/29/13			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-16185.1			
SHEET 5 OF 9			



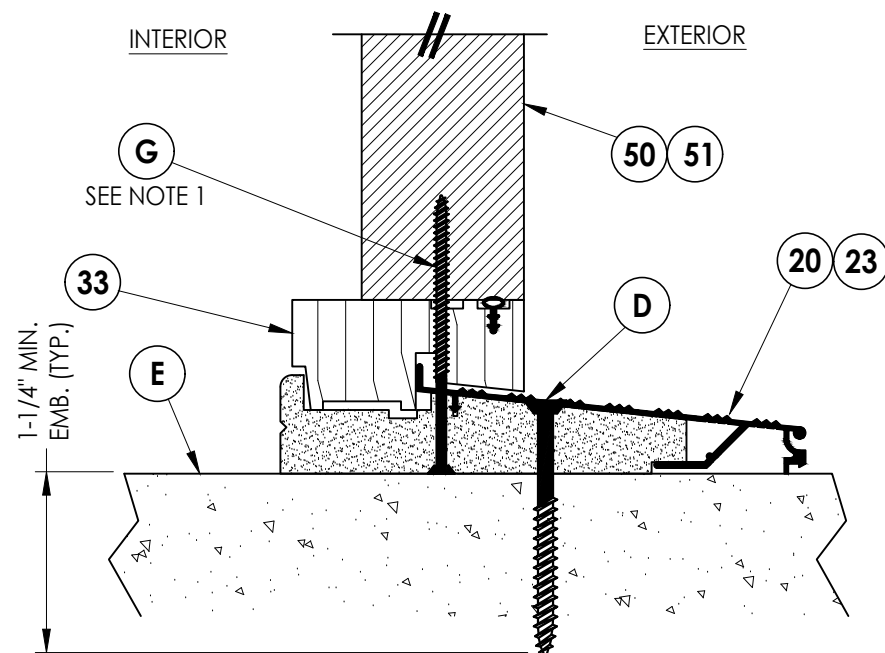
1 **VERTICAL CROSS SECTION**
6 Inswing shown - outswing also approved



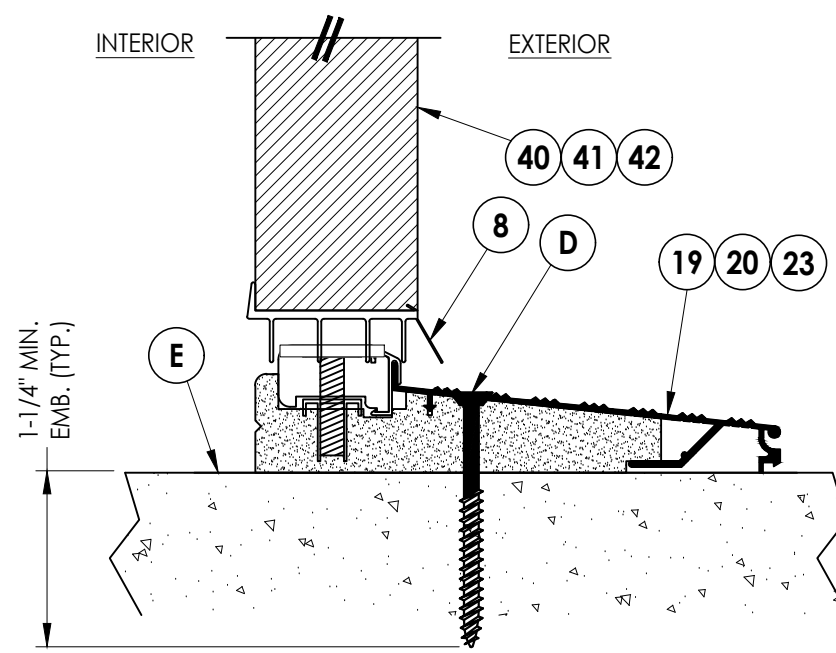
2 **VERTICAL CROSS SECTION**
6 Inswing shown - outswing also approved



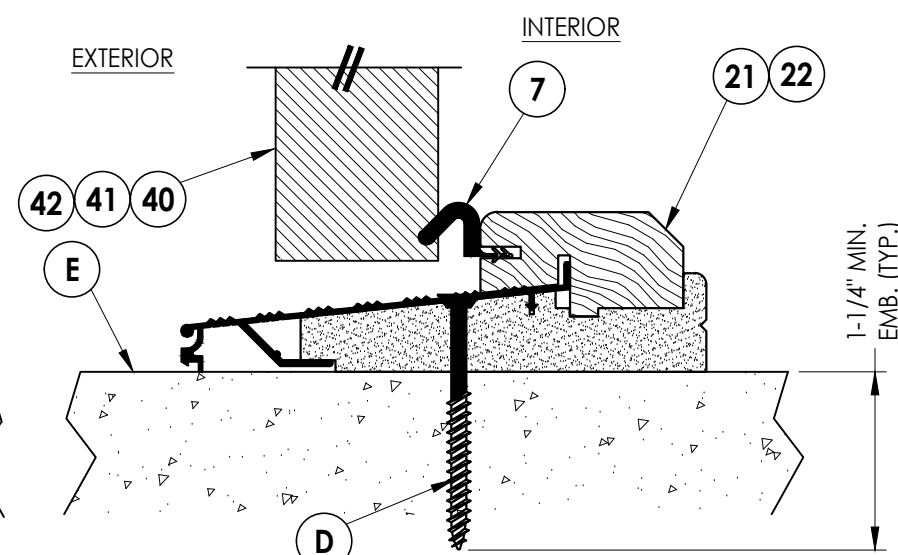
3 **VERTICAL CROSS SECTION**
6 Outswing shown



4 **VERTICAL CROSS SECTION**
6 Inswing shown



5 VERTICAL CROSS SECTION
6 Inswing shown

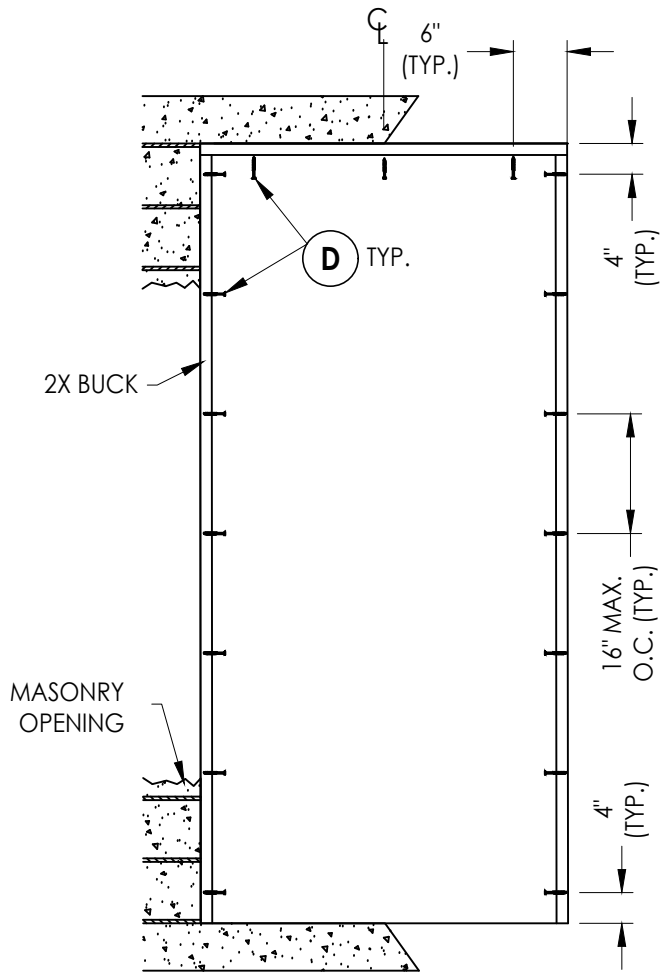


6 VERTICAL CROSS SECTION
 6 Outswing shown

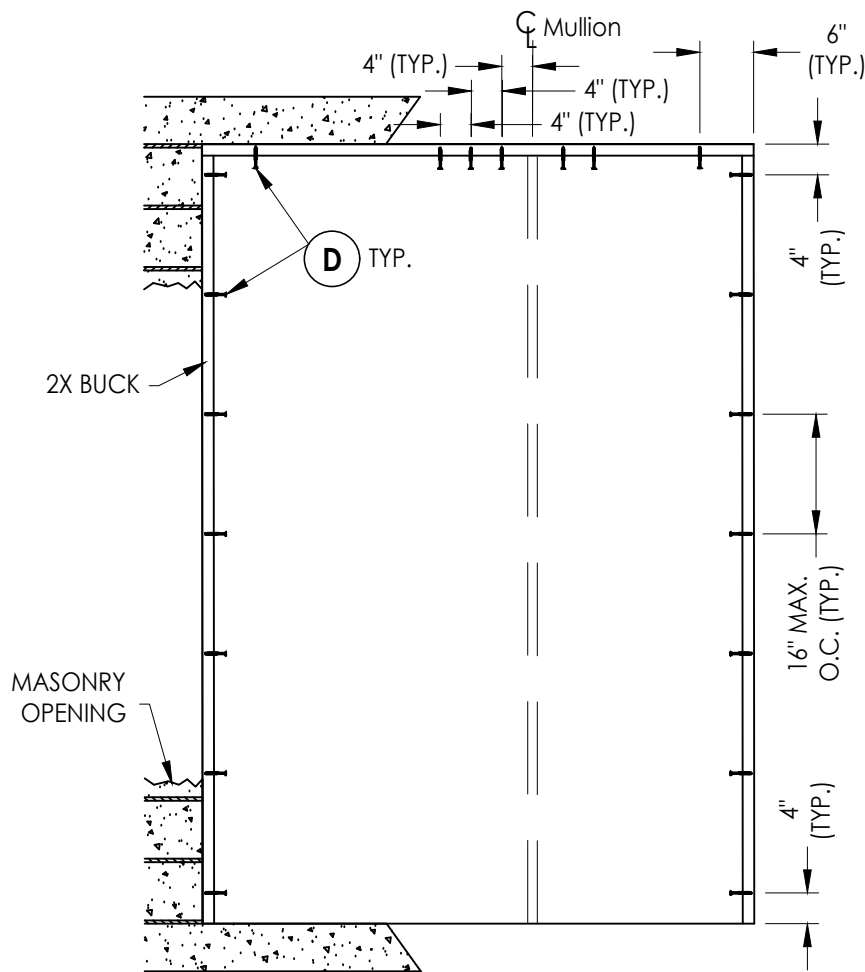
NOTE:
1. Center over sidelite at 10" O.C. (2 total).

[illegible]

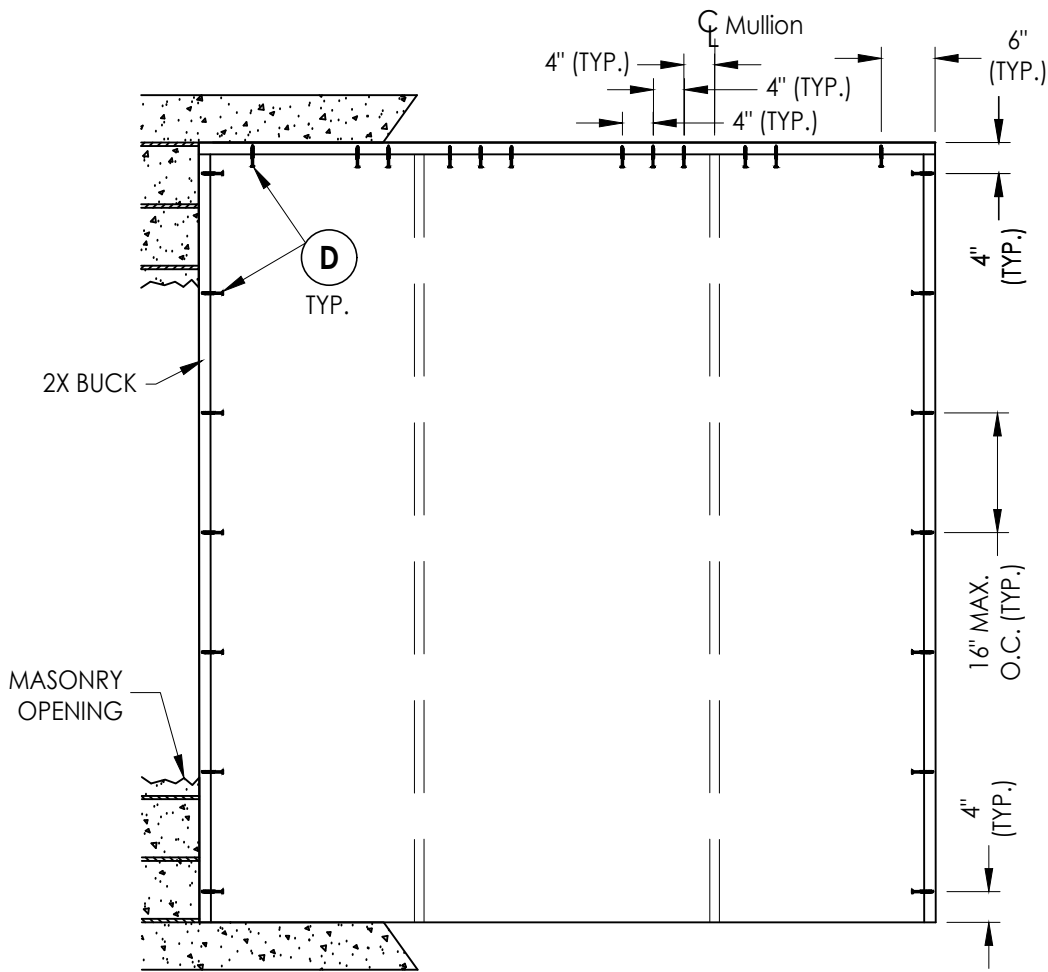
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BUCK ANCHORING
X



BUCK ANCHORING
XO / OX



BUCK ANCHORING
OXO

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"

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

DATE: 1/29/13

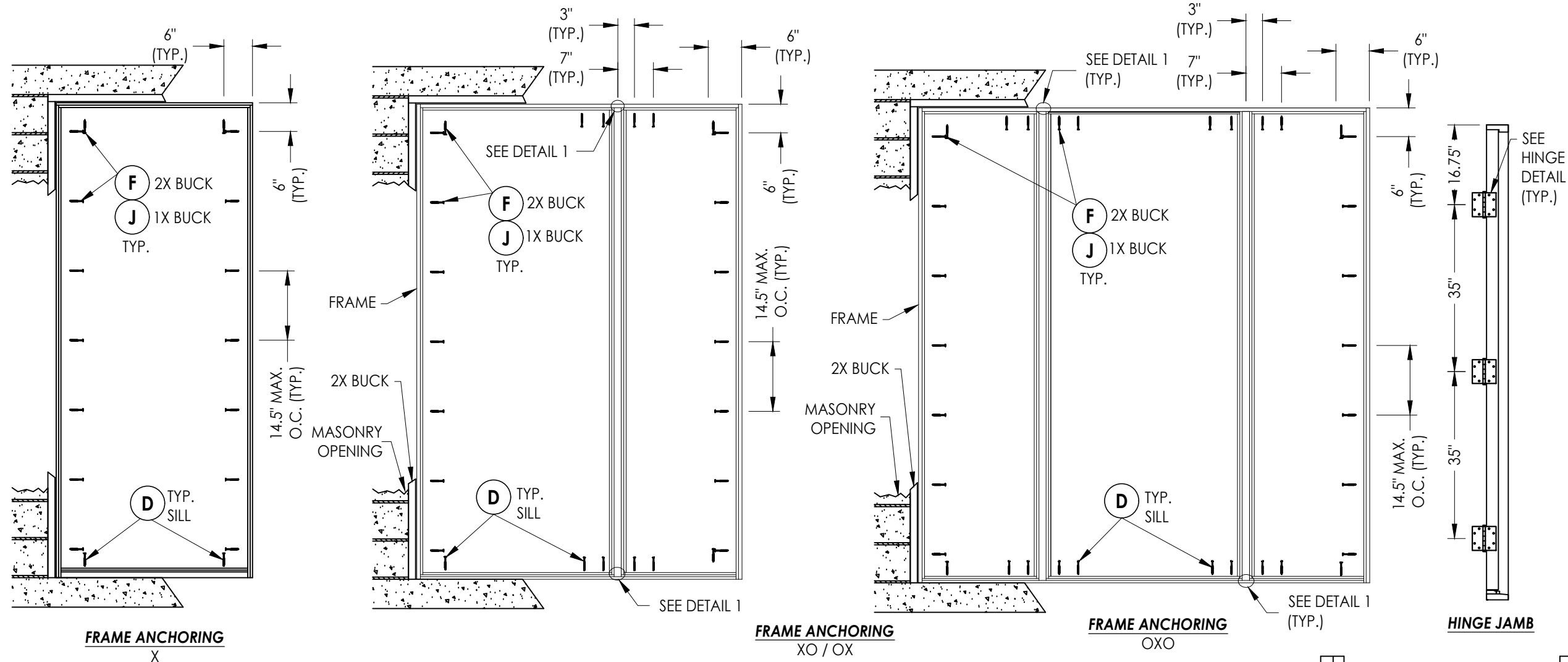
SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:
FL-16185.1

SHEET 7 OF 9



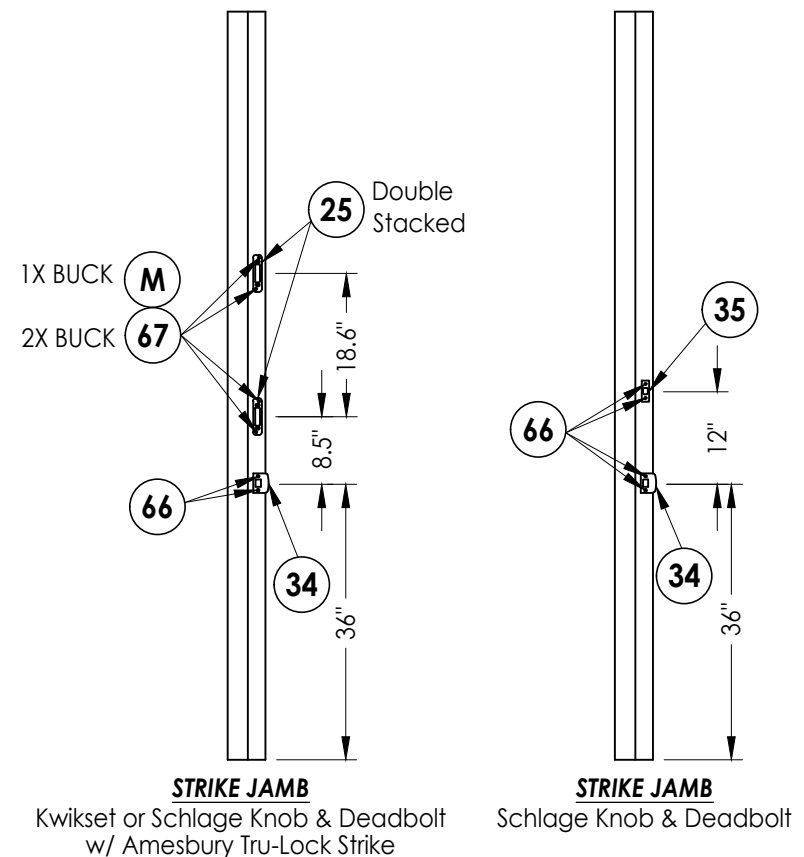
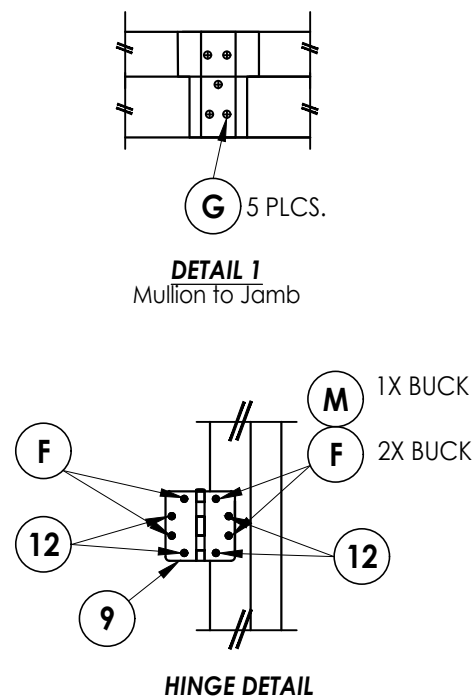
CONCRETE ANCHOR NOTES:

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.



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

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33486
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: DALLAS MILLWORK
WOOD DOOR

ASSEMBLY:
FRAME ANCHORING

[illegible]

DATE: 1/29/13

SCALE: *N.T.S.*

DWG. BY: JK

CHK. BY: *LFS*

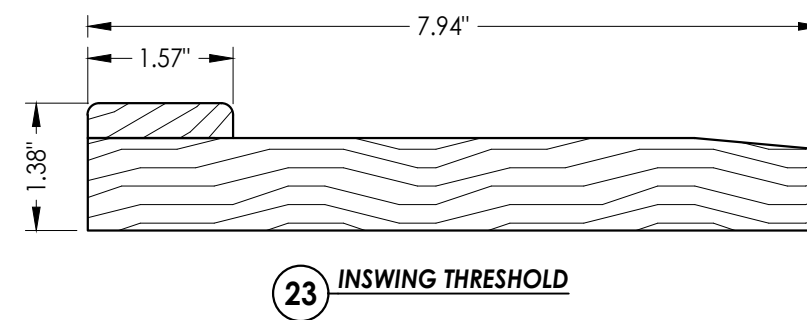
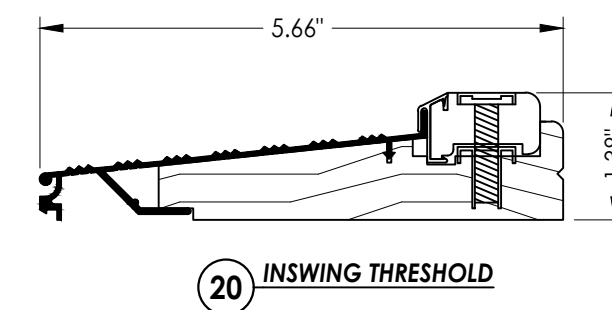
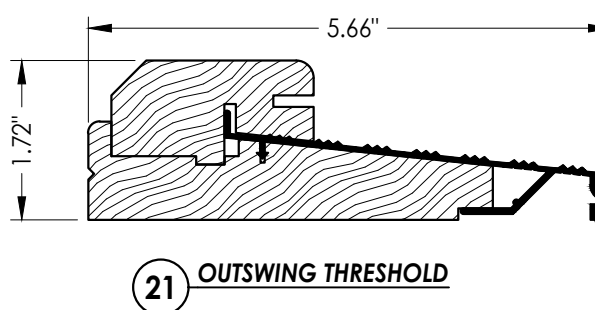
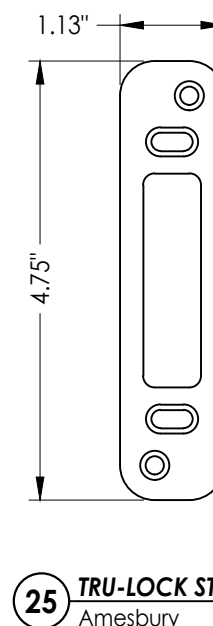
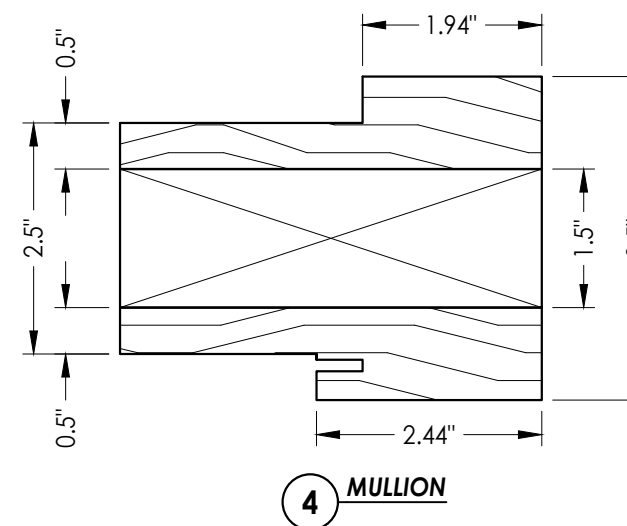
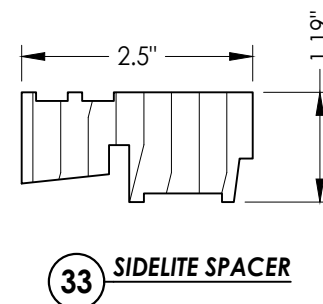
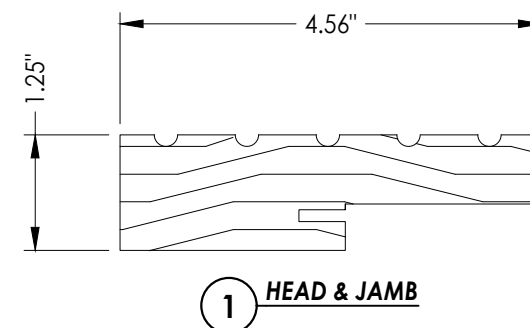
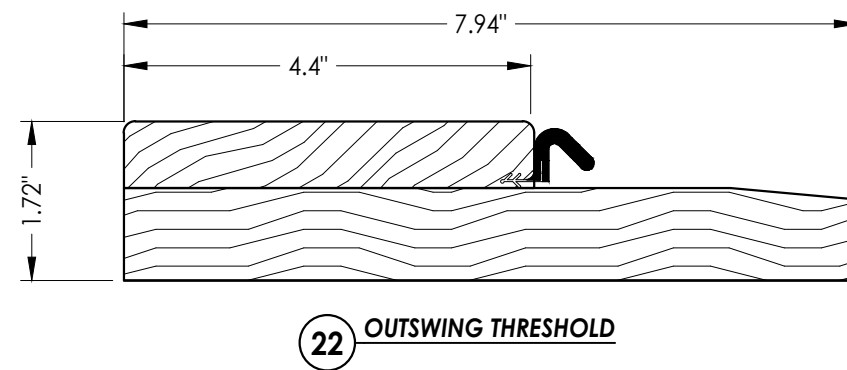
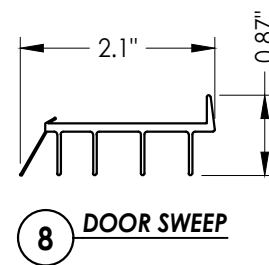
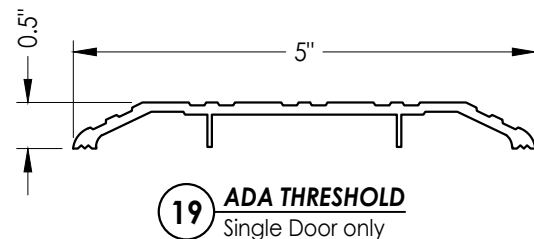
DRAWING NO.:

FL-16185.1

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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 & JAMB	WOOD
4	MULLION	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
19	ADA THRESHOLD	ALUM
20	INSWING THRESHOLD	ALUM/WOOD
21	OUTSWING THRESHOLD	ALUM/WOOD
22	OUTSWING THRESHOLD	WOOD
23	INSWING THRESHOLD	WOOD
25	TRU-LOCK STRIKE PLATE (Amesbury)	STEEL
33	SIDELITE SPACER	WOOD
34	LATCH STRIKE PLATE	STEEL
35	DEADBOLT STRIKE PLATE	STEEL
40	WOOD DOOR PANEL (GLAZED 3/4 LITE)	WOOD
41	WOOD DOOR PANEL (OPAQUE)	WOOD
42	WOOD DOOR PANEL (GLAZED FULL LITE)	WOOD
50	3/4 LITE WOOD SIDELITE PANEL	WOOD
51	FULL LITE WOOD SIDELITE PANEL	WOOD
66	#8 X 3/4" PFH WOOD SCREW	STEEL
67	#8 X 2-1/2" PFH WS	STEEL

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

[illegible]