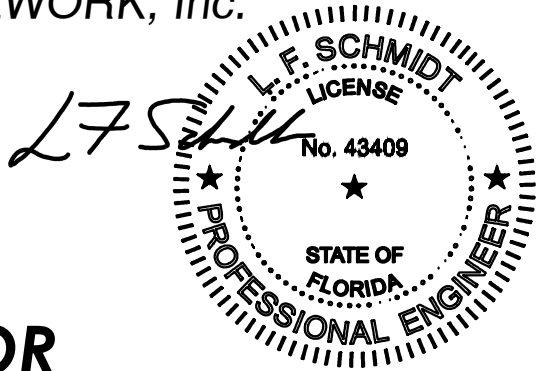




DALLAS MILLWORK, Inc.



WOOD ENTRY DOOR
SINGLE w/ TRANSOM
w/ or w/out SIDELITE(S)
INSWING / OUTSWING
"NON-IMPACT"

Digitally signed by Lyndon F Schmidt
Date: 2023.10.05 17:18:47 -04'00'

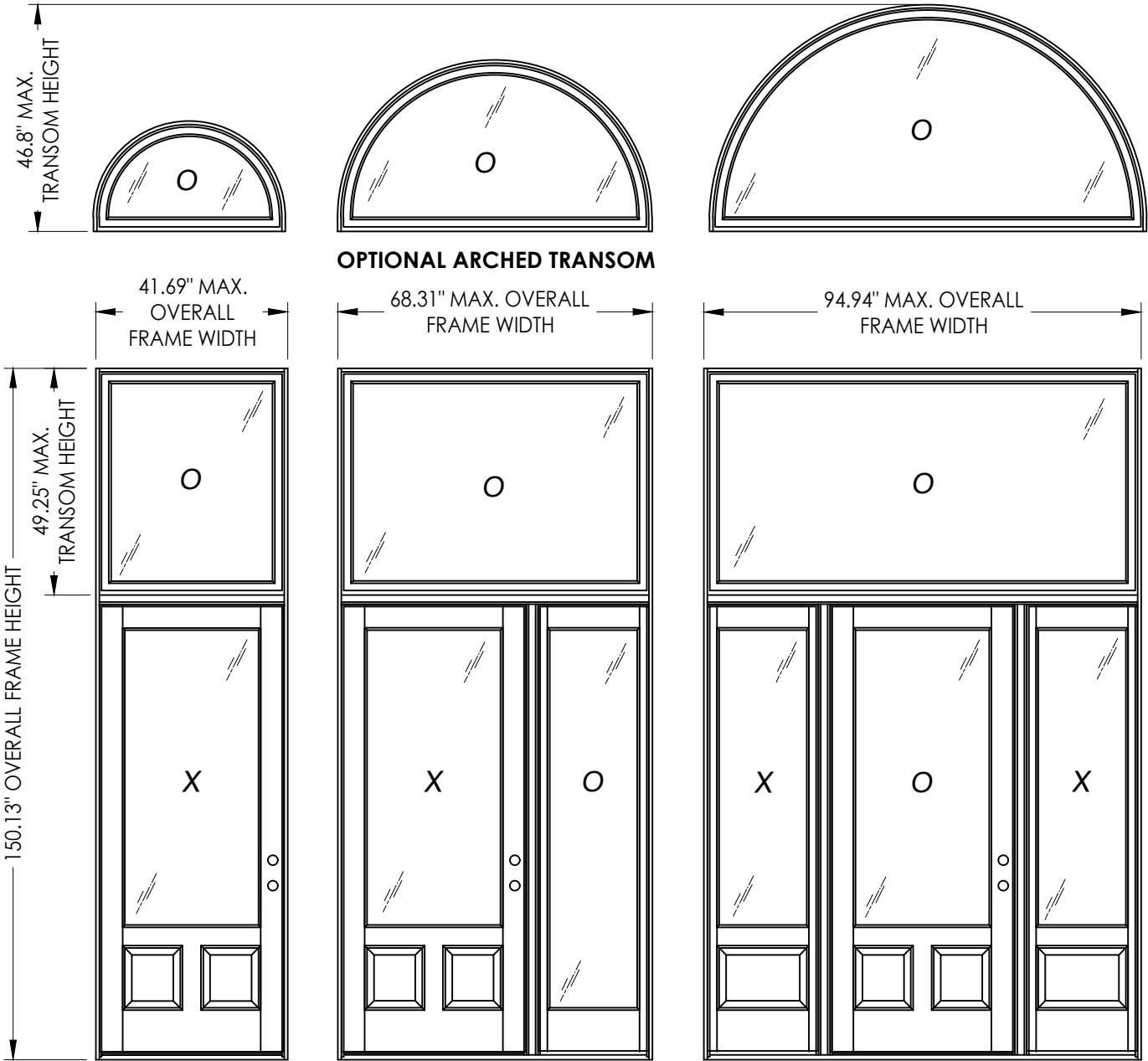
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.
Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA

GENERAL NOTES

- 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).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- 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.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 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	Transom panel details
5	Elevations
6	Horizontal cross sections
7	Vertical cross sections
8	Buck anchoring
9	Frame anchoring
10	Bill of materials and components



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING		LOCK HARDWARE
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE	
$\frac{O}{X}$	41.69" x 150.13"	+55.0	-60.0	+55.0	-55.0	Schlage Knob & Deadbolt plus Amesbury Tru-Lock Bolt System
$\frac{O}{XO}$ or $\frac{O}{OX}$	68.31" x 150.13"	+55.0	-60.0	+55.0	-55.0	
$\frac{O}{OXO}$	94.94" x 150.13"	+55.0	-60.0	+55.0	-55.0	

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

PRODUCT:
DALLAS MILLWORK INC.
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
NO.	DATE		BY

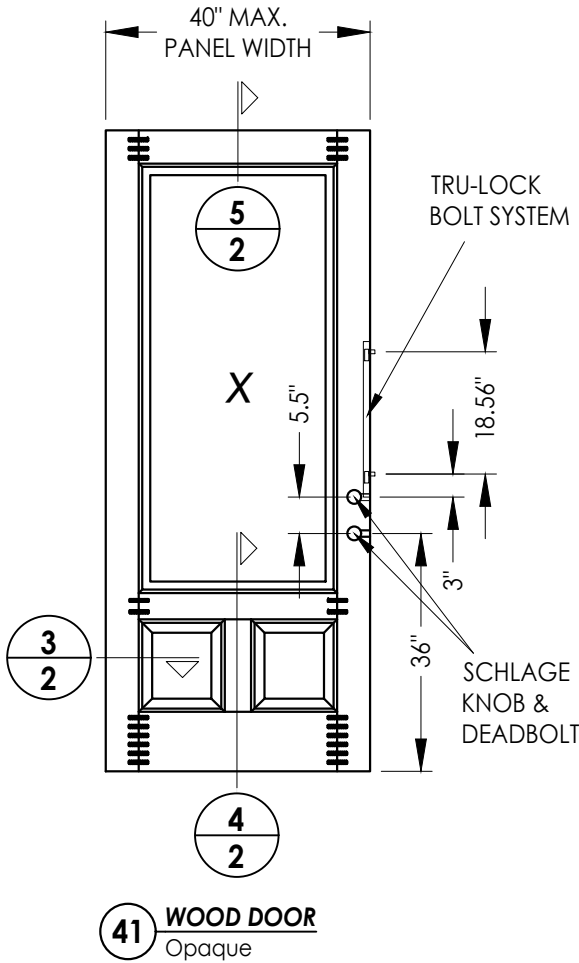
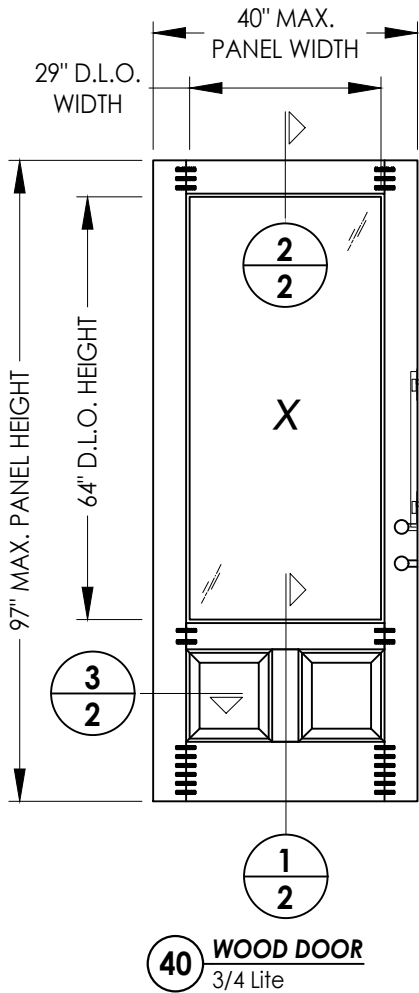
DATE: 1/29/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16185.4
SHEET 1 OF 10

REVISIONS

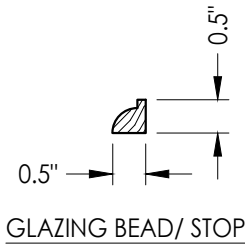
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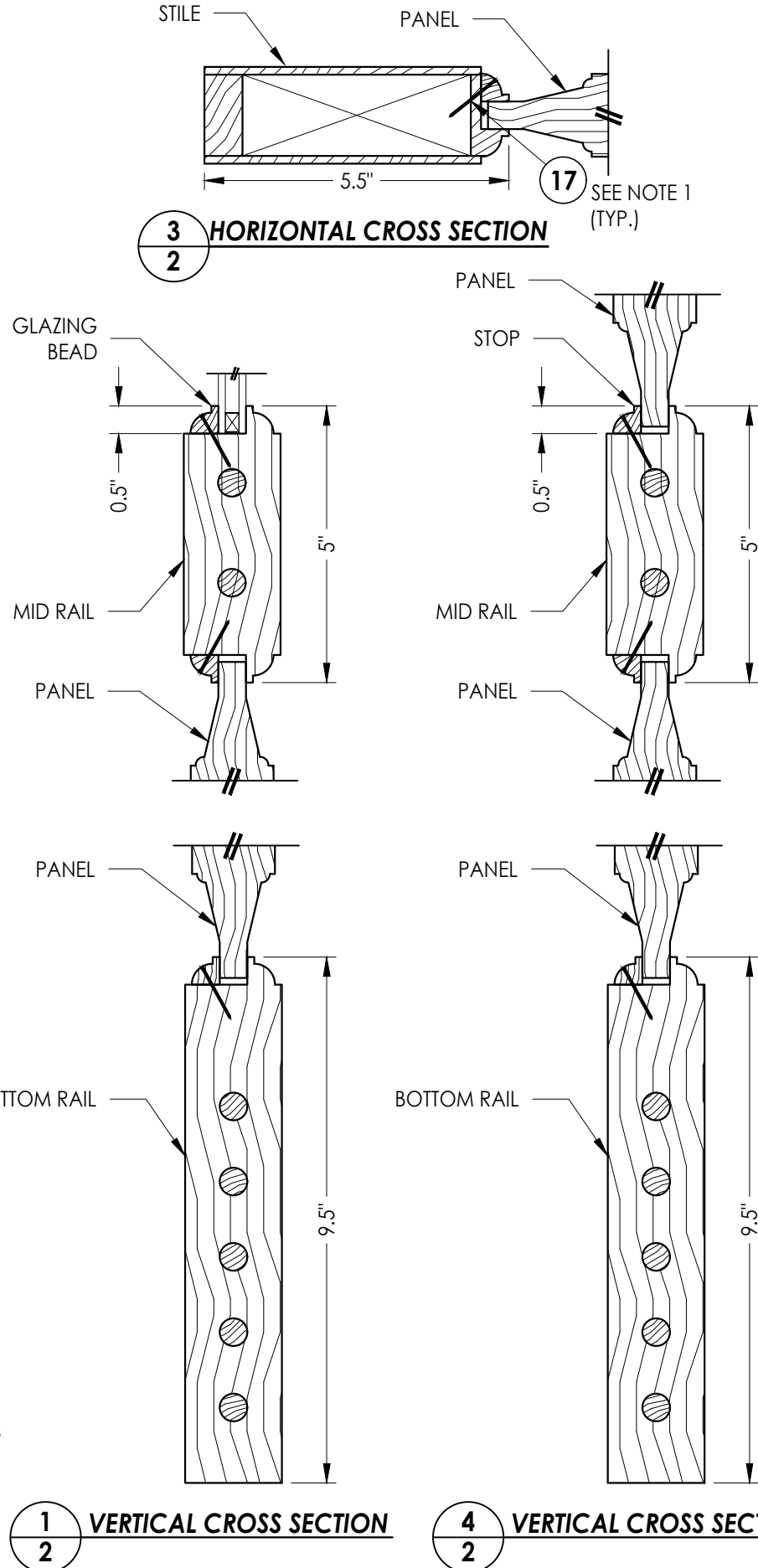
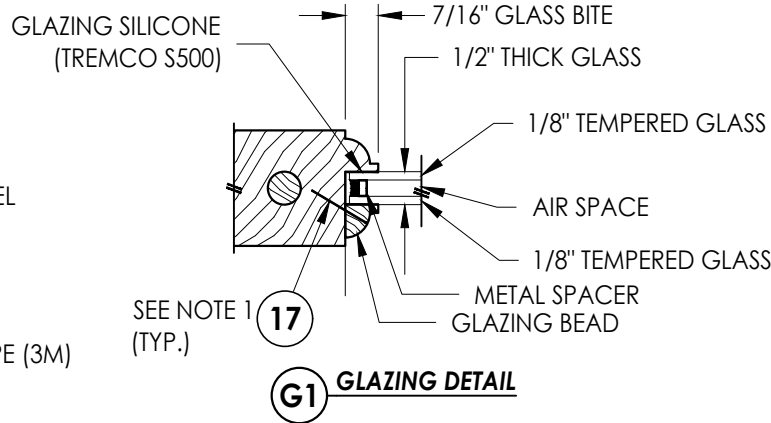
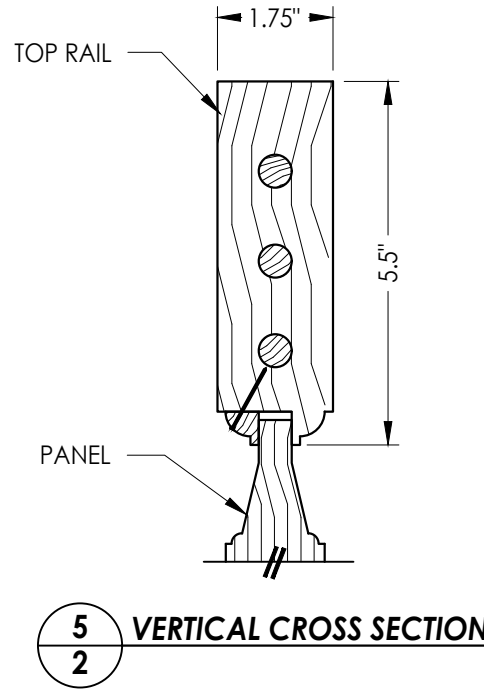
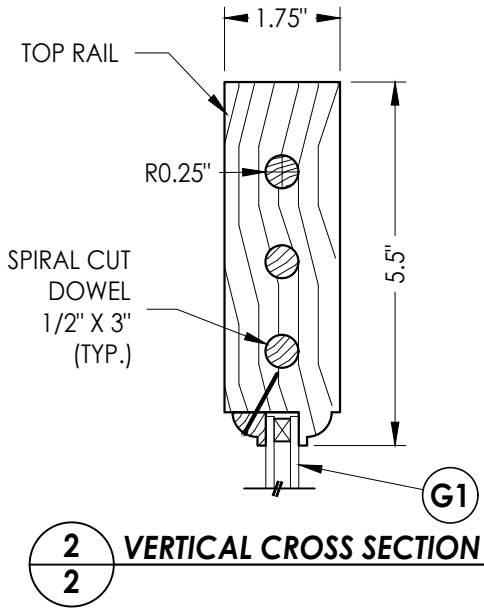
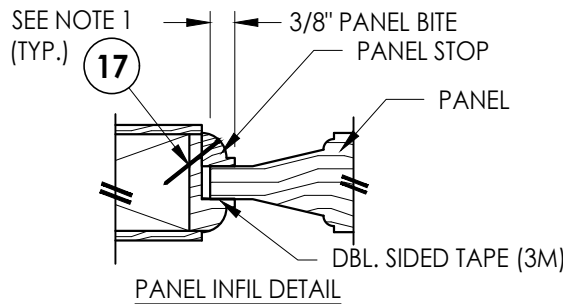
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HARDWARE CHART	
MANUFACTURER	MODEL
SCHLAGE	KNOB: "F" SERIES DEADBOLT: B60/62
AMESBURY	TRU-LOCK BOLT SYSTEM: 3205 SERIES



- NOTES :
- Spaced 1" from ends and 5.25" O.C.
 - Door height may be reduced as long as hinge centerline distances (35") are not exceeded.



Documents Prepared By:
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P.E. No. 43409

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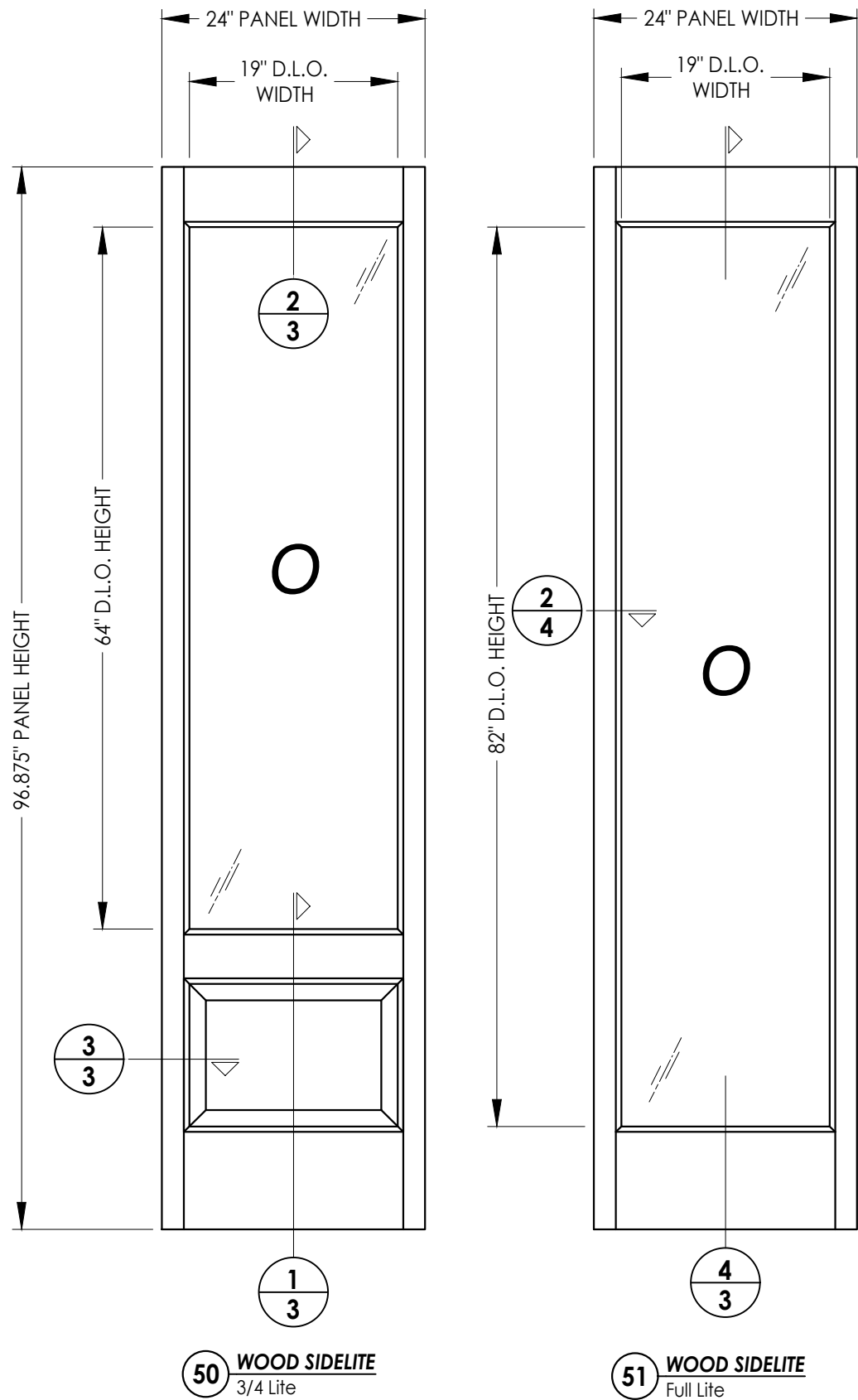
PRODUCT: DALLAS MILLWORK INC.
WOOD DOOR

PART OR ASSEMBLY:
DOOR PANEL DETAILS

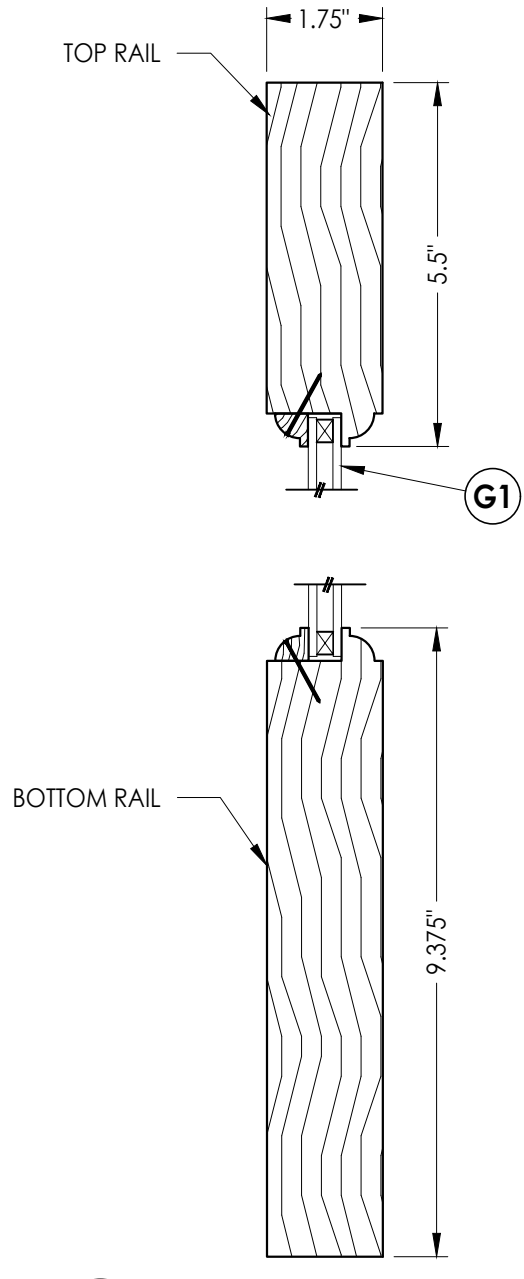
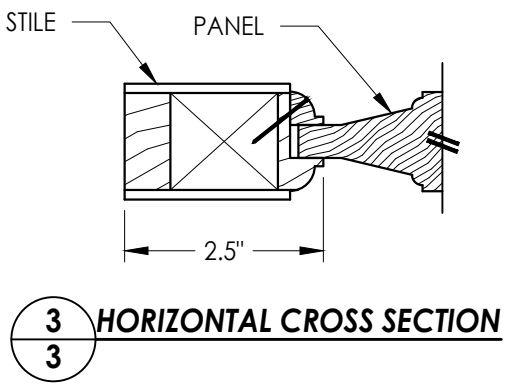
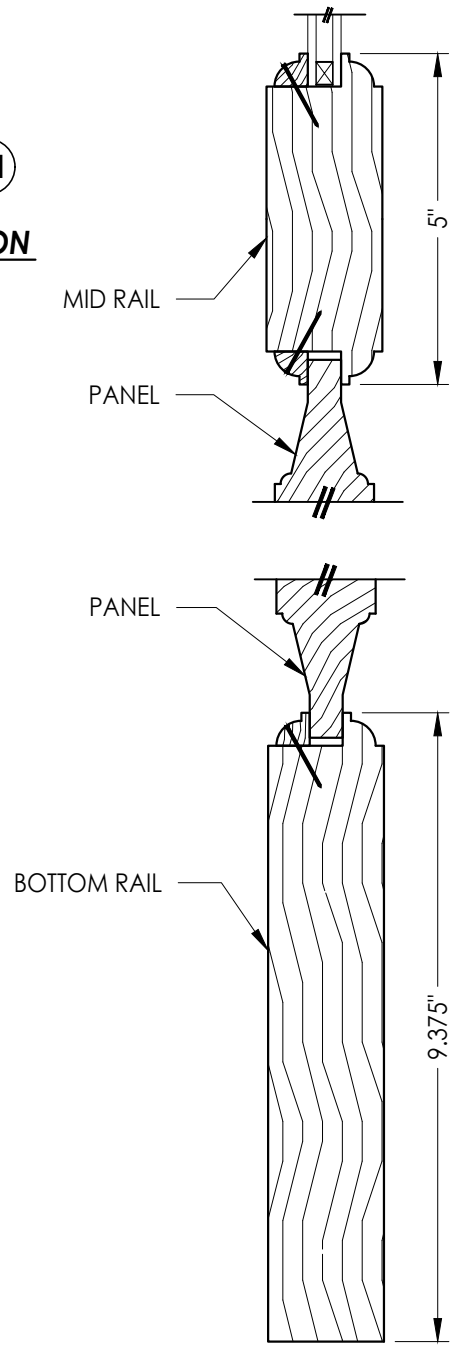
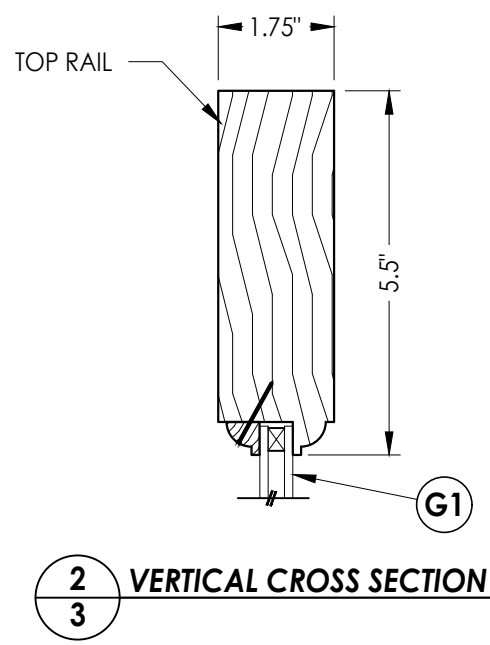
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3	8/07/20	UPDATE TO 7TH ED. (2020) FBC
2	7/10/17	UPDATE TO 6TH ED. (2017) FBC
1	7/2/15	UPDATE TO 5TH ED. (2014) FBC

DATE: 1/29/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16185.4
SHEET 2 OF 10

Z:\2023 FBC Drawings\Dallas Millwork, Inc\FL-16185 R5 NI Wood Doors\FL-16185.3-4.dwg



NOTE:
1. 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



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P.E. No. 43409

DALLAS MILLWORK INC.
WOOD DOOR

PART OR ASSEMBLY:
SIDELITE PANEL DETAILS

410/5/23UPDATE TO 8TH ED. (2023) FBC

38/07/20UPDATE TO 7TH ED. (2020) FBC

27/10/17UPDATE TO 6TH ED. (2017) FBC

17/2/15UPDATE TO 5TH ED. (2014) FBC

NO. DATE

REVISIONS

DATE: 1/29/13

SCALE: N.T.S.

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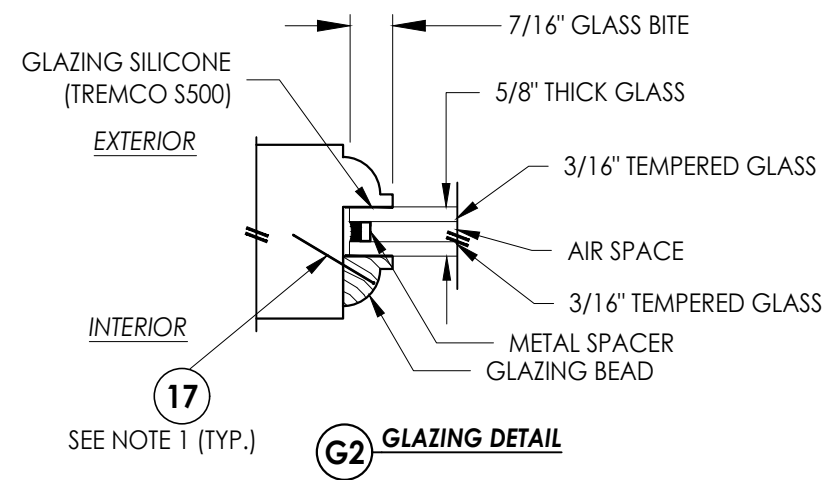
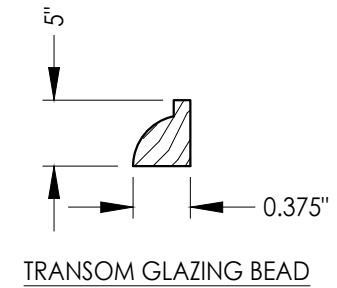
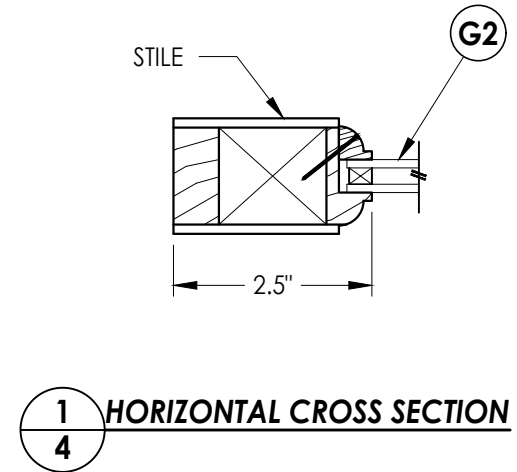
CHK. BY: LFS

DRAWING NO.: FL-16185.4

SHEET 3 OF 10

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NOTE :
1. Spaced 1" from ends and 5.25" O.C.

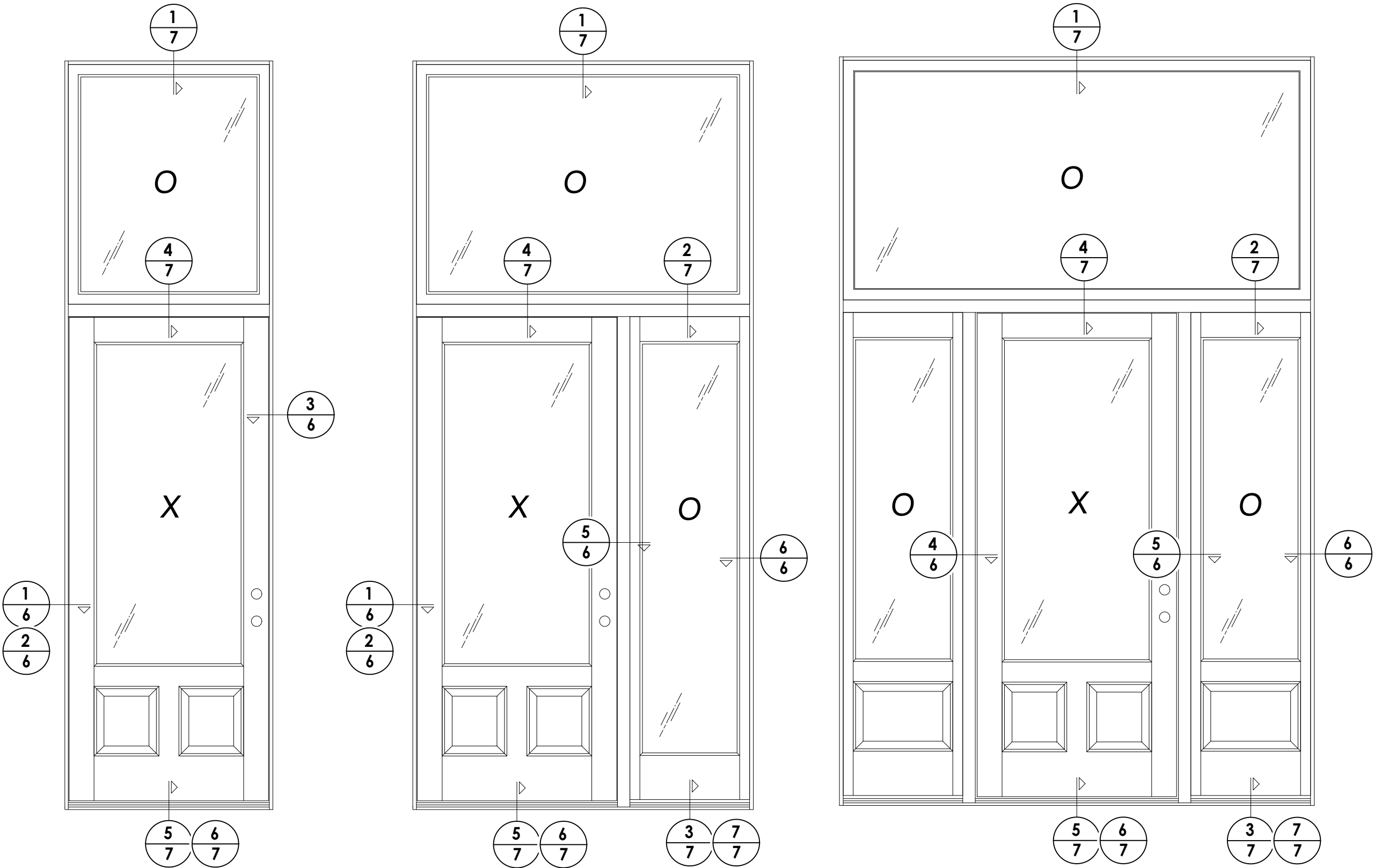
NOTE:
1. Transom corners are connected with one #9 x 3" Grip Rite screw each.

[illegible]

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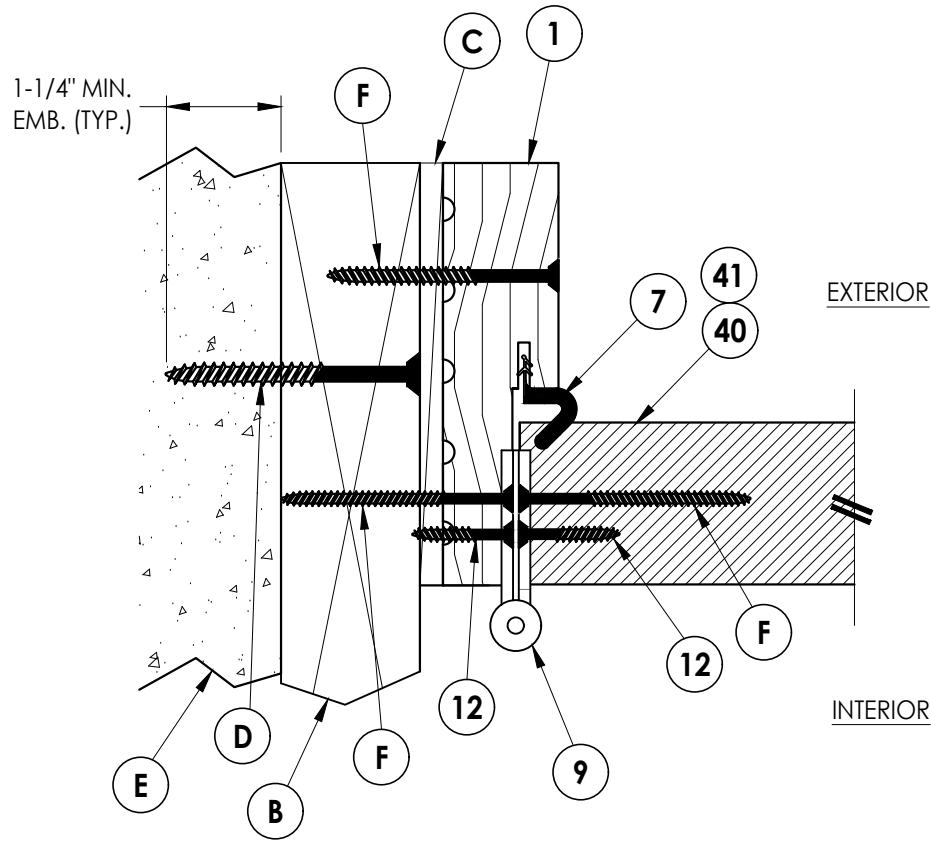
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2	7/10/17	UPDATE TO 6TH ED. (2017)	FBC	JK		
1	7/2/15	UPDATE TO 5TH ED. (2014)	FBC	JK		
				BY		

DATE: 1/29/13
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-16185.4
SHEET 5 OF 10

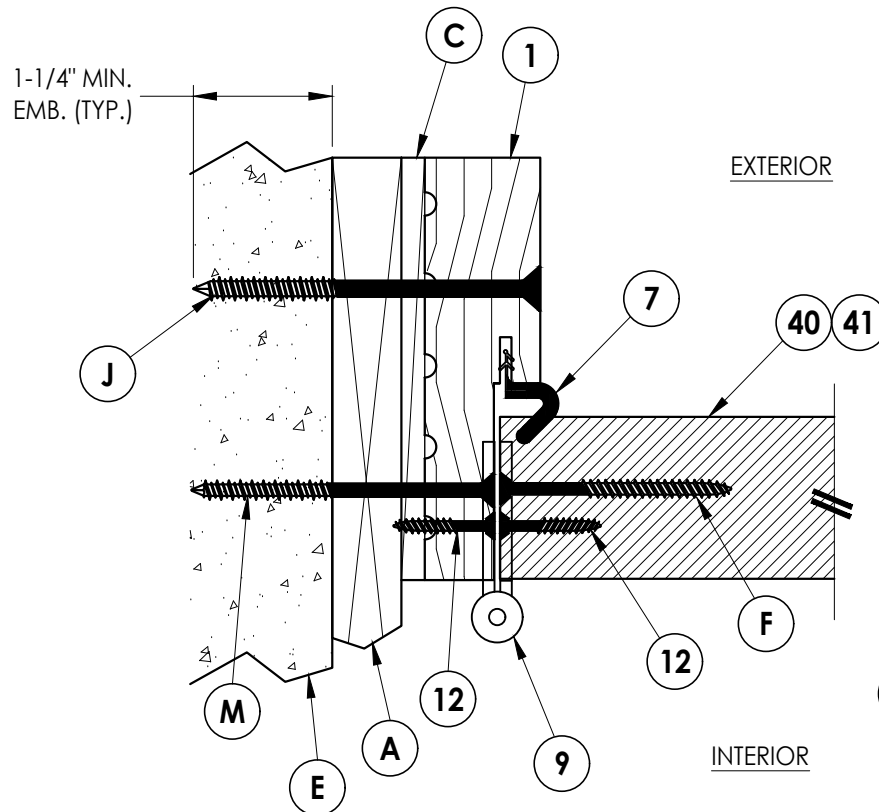
PRODUCT: DALLAS MILLWORK INC. WOOD DOOR
PART OR ASSEMBLY: ELEVATIONS

Documents Prepared By:
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P.E. No. 43409
RWBUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

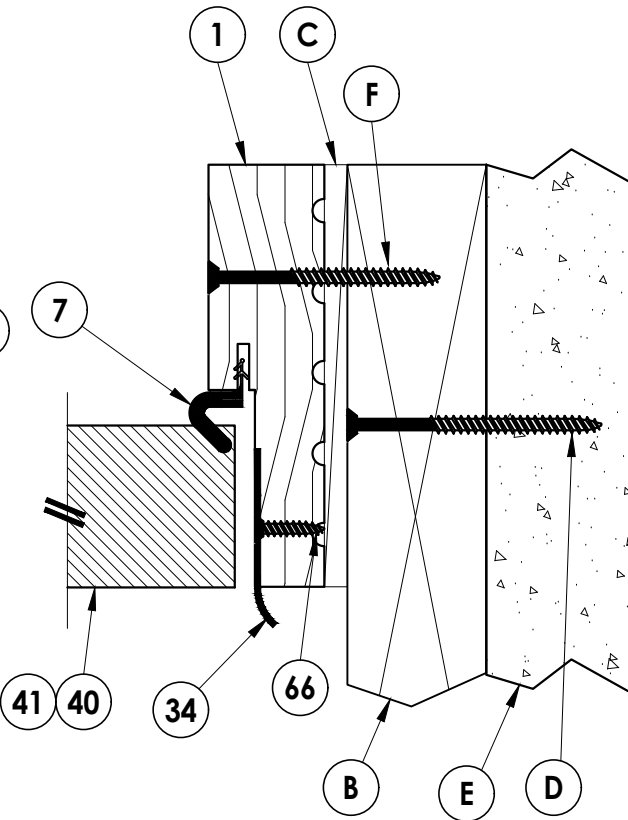
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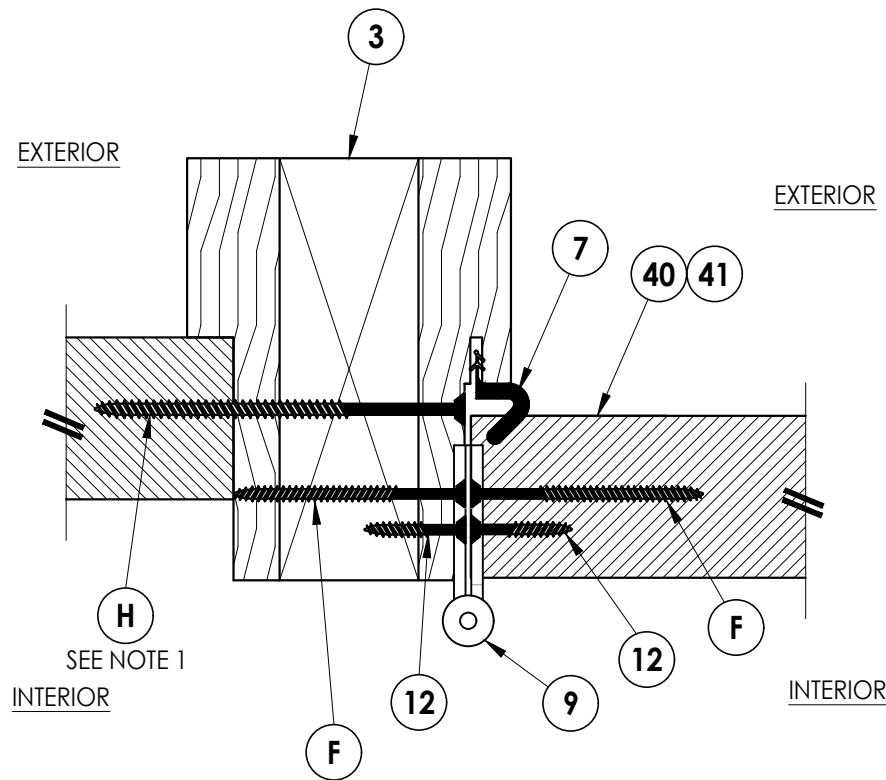
1
6 **HORIZONTAL CROSS SECTION**



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

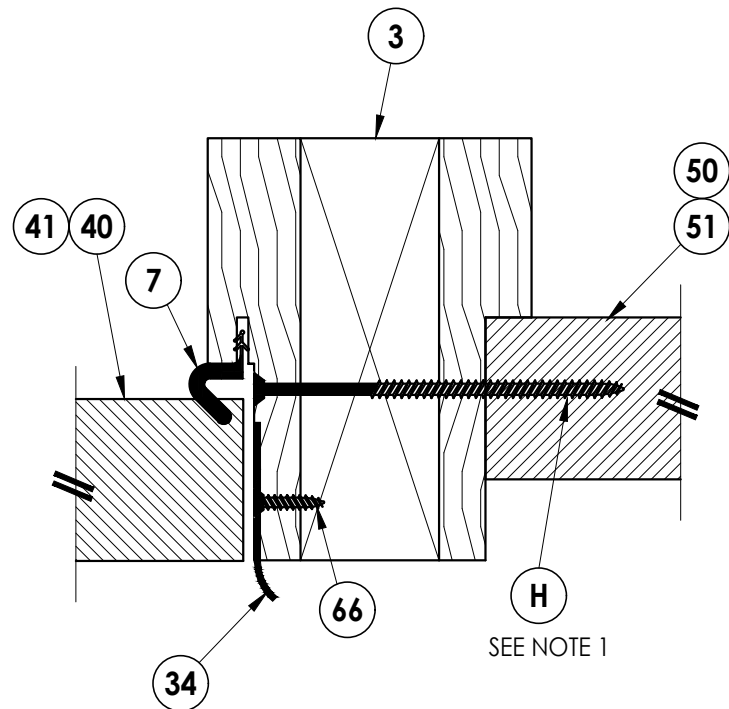


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6 **HORIZONTAL CROSS SECTION**

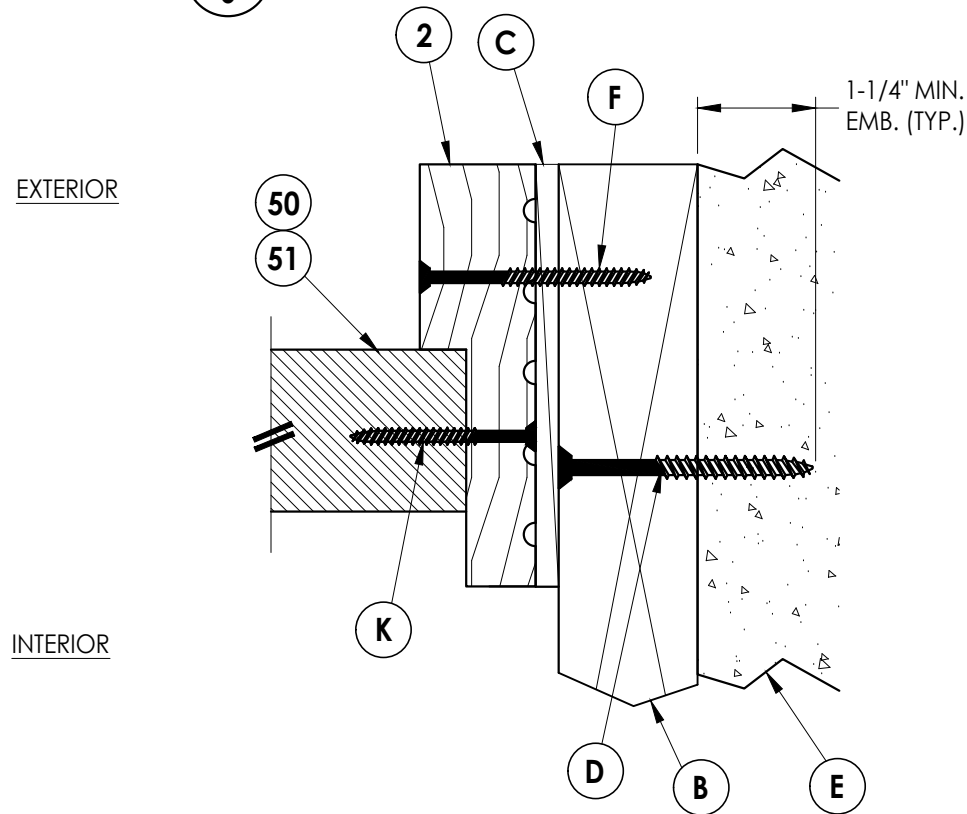


4
6 **HORIZONTAL CROSS SECTION**

NOTE:
1. Install 6" from each end plus 5 more
equally spaced (7 total).



5
6 **HORIZONTAL CROSS SECTION**



6
6 **HORIZONTAL CROSS SECTION**

Documents Prepared By:
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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 INC.
WOOD DOOR

PART OR ASSEMBLY:
HORIZONTAL
CROSS SECTIONS

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.

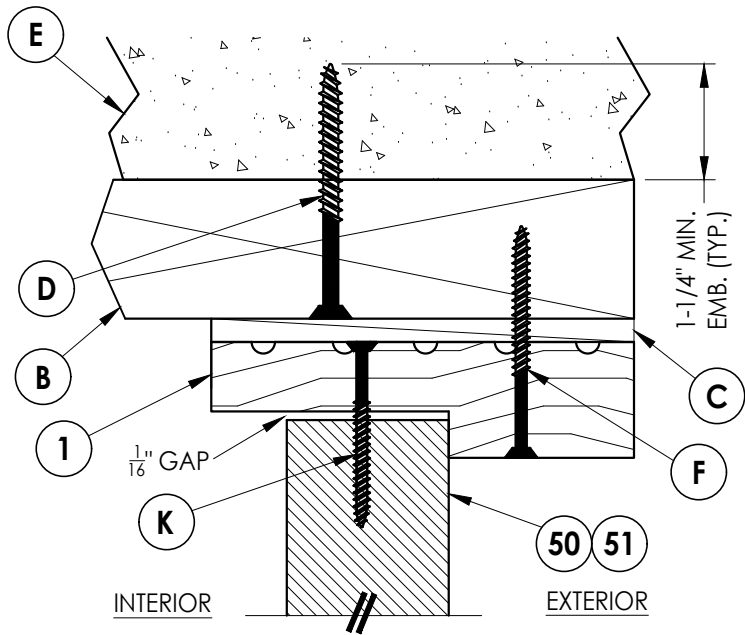
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-16185.4

SHEET 6 OF 10

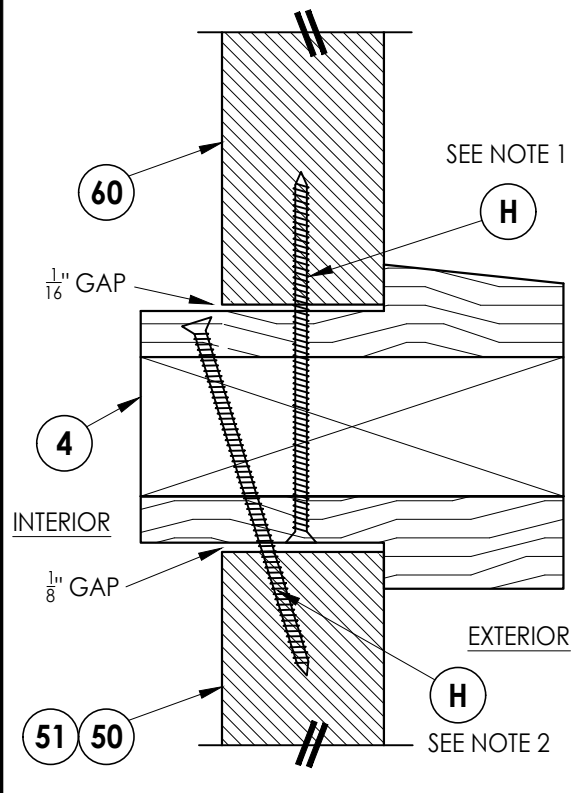
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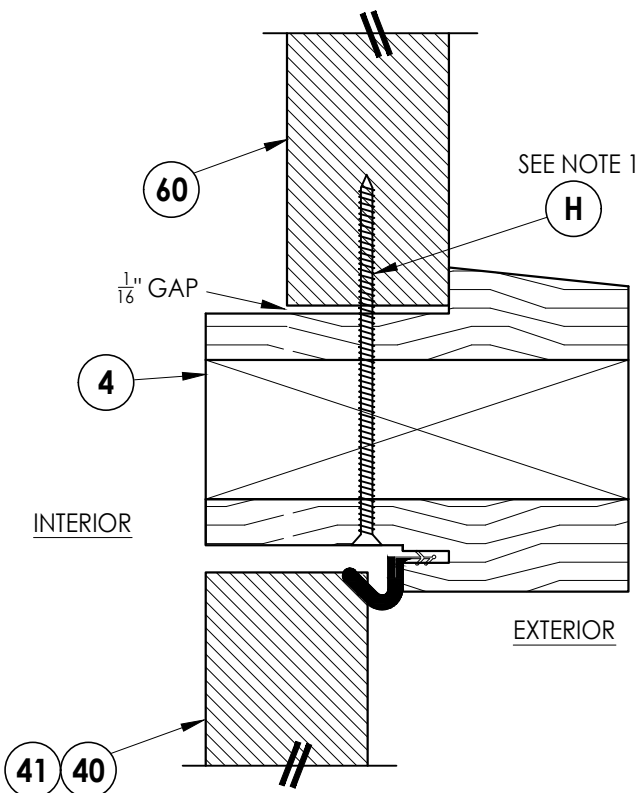
1 **VERTICAL CROSS SECTION**
7 Inswing shown - outswing also approved

NOTE:

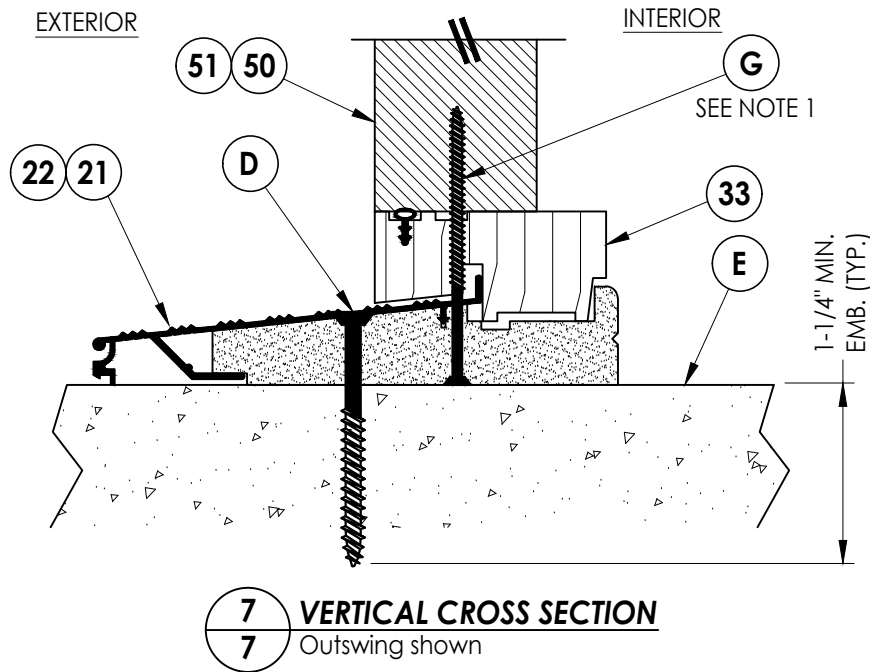
1. 6" from each end plus 5 more equally spaced (7 total).
2. Insert at 20° angle and center over sidelite at 10" O.C. (2 total).



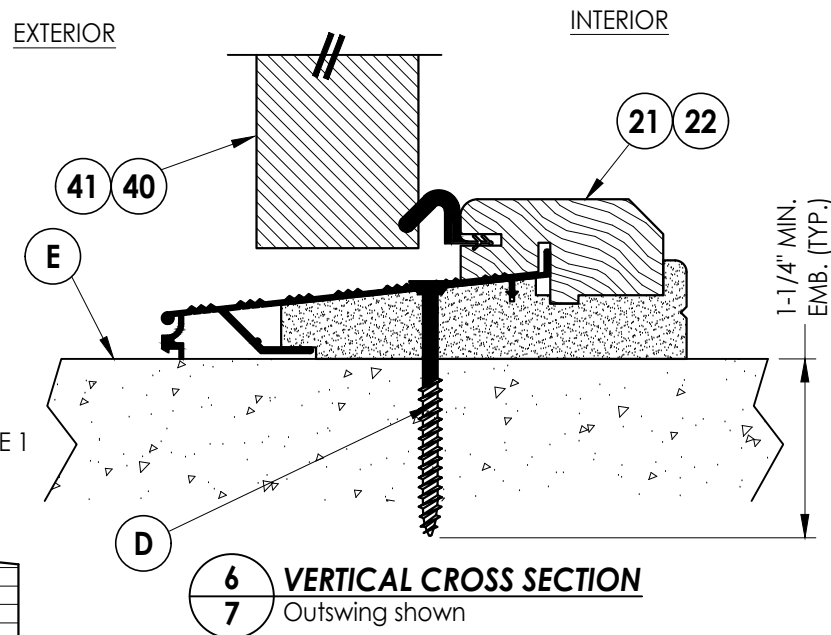
2 **VERTICAL CROSS SECTION**
7 Inswing shown - outswing also approved



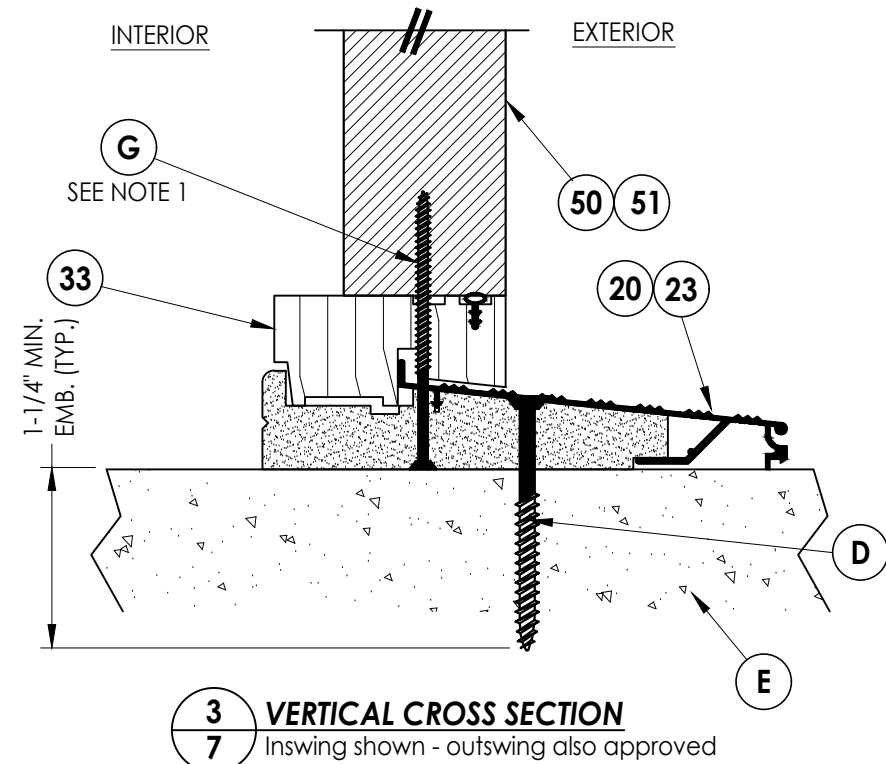
4 **VERTICAL CROSS SECTION**
7 Inswing shown - outswing also approved



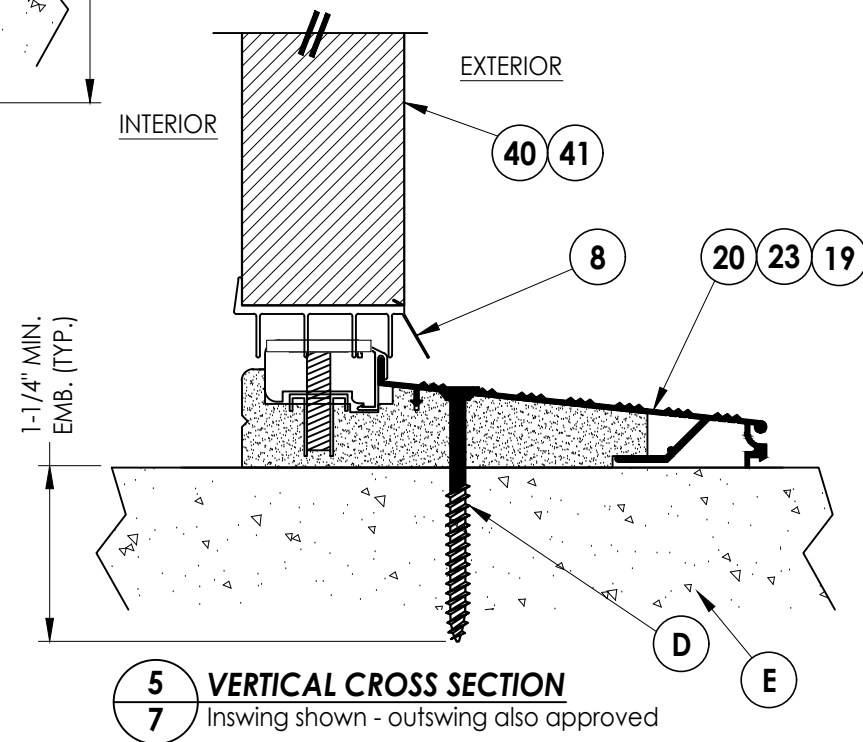
7 **VERTICAL CROSS SECTION**
7 Outswing shown



6 **VERTICAL CROSS SECTION**
7 Outswing shown



3 **VERTICAL CROSS SECTION**
7 Inswing shown - outswing also approved



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

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P.E. No. 43409

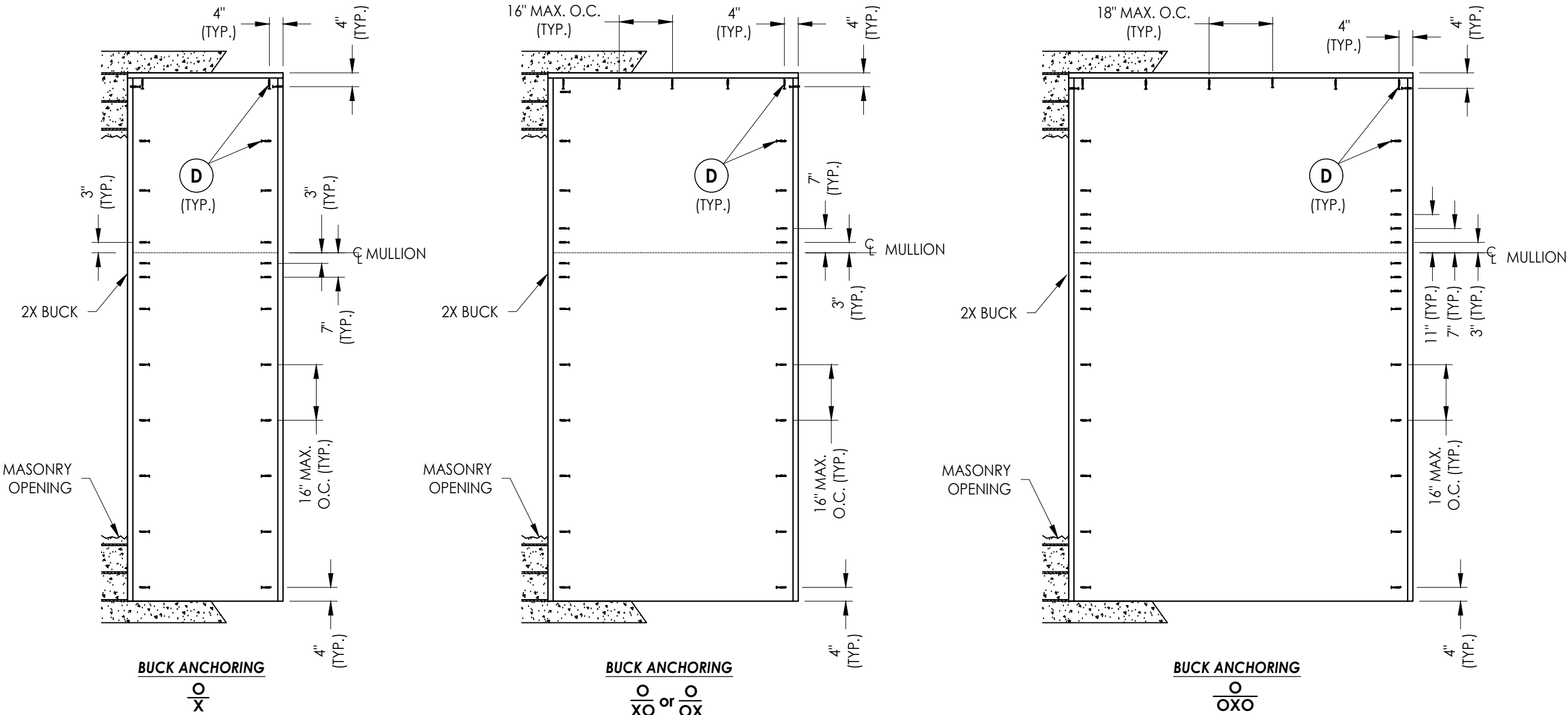
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PRODUCT: DALLAS MILLWORK INC.
WOOD DOOR

PART OR ASSEMBLY:
VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS			
		BY	JK	JK	LFS
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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-16185.4					
SHEET 7 OF 10					

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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"

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

PRODUCT: DALLAS MILLWORK INC.
WOOD DOOR

PART OR ASSEMBLY:
BUCK ANCHORING

REVISIONS

NO.	DATE	DESCRIPTION
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

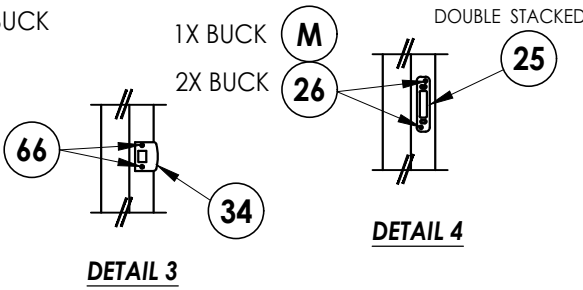
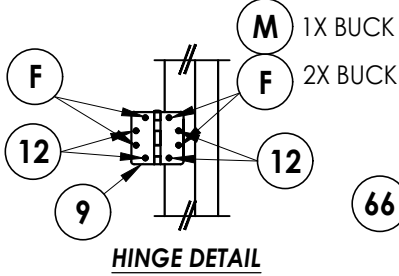
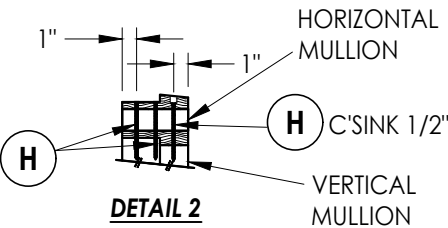
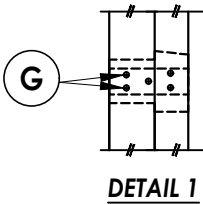
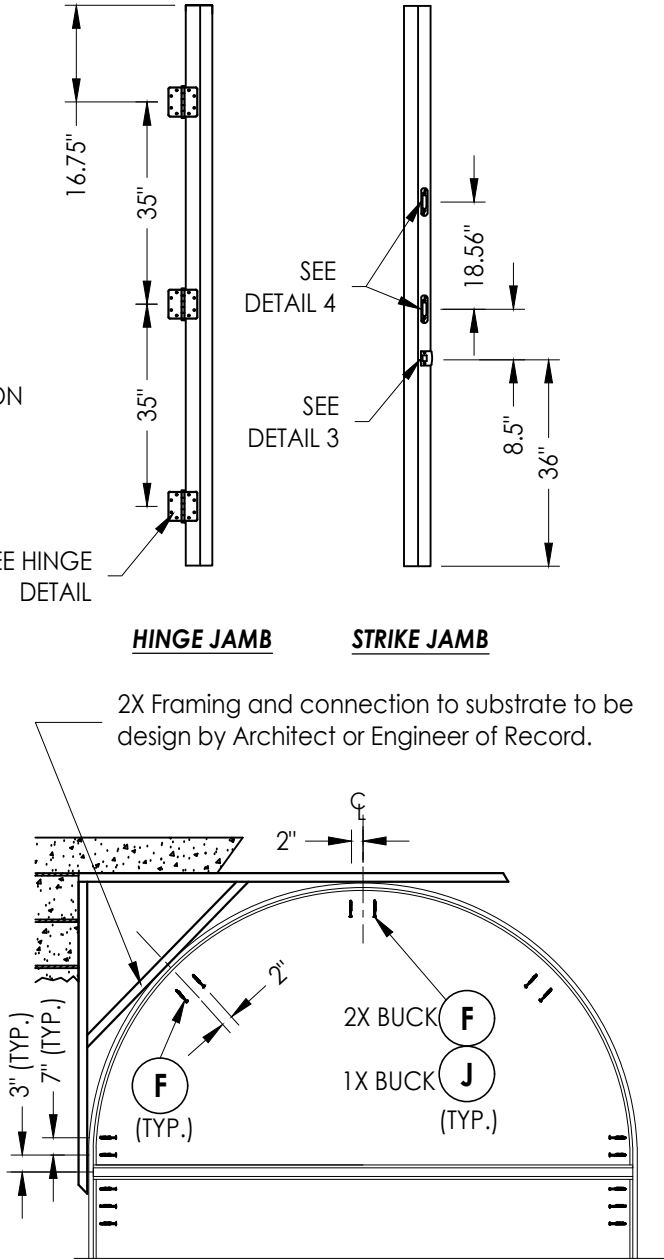
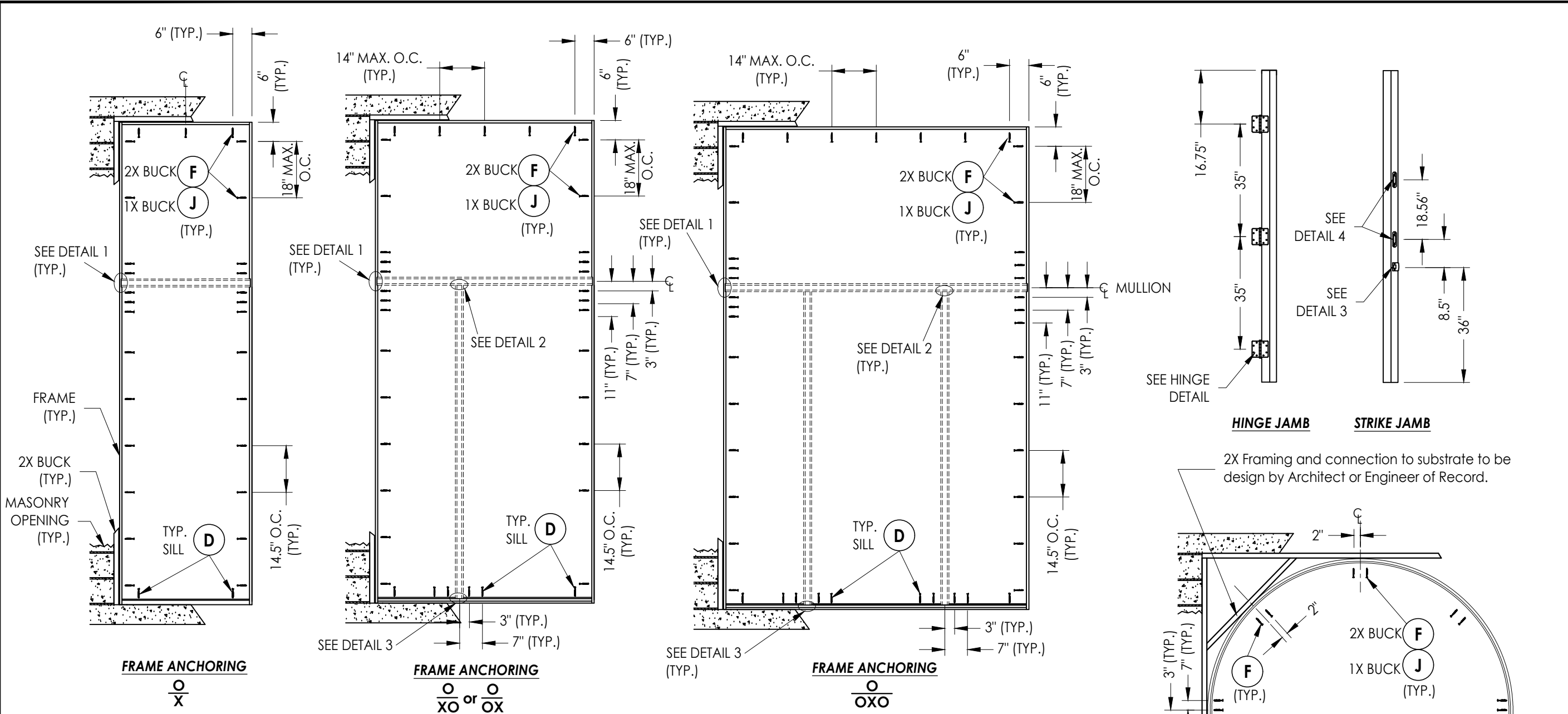
DRAWING NO.: FL-16185.4

SHEET 8 OF 10

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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.
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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 ULTRA-CON®	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

DALLAS MILLWORK INC.
WOOD DOOR

PART OR ASSEMBLY:
FRAME ANCHORING

REVISIONS

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

DATE: 1/29/13

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-16185.4

SHEET 9 OF 10

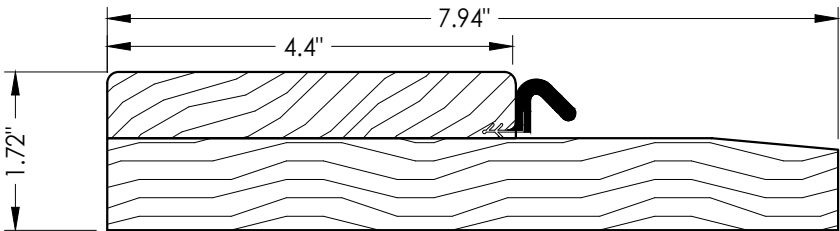
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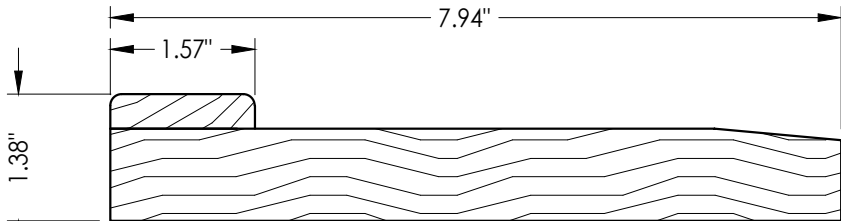
Z:\2023 FBC Drawings\Dallas Millwork, Inc\FL-16185 R5 NI Wood Doors\FL-16185.3-4.dwg

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 & JAMB	WOOD
2	SIDELITE JAMB	WOOD
3	MULLION	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 SILL	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
26	#8 X 2-1/2" PFH WS	STEEL
33	SIDELITE SPACER	WOOD
34	LATCH STRIKE PLATE	STEEL
40	WOOD DOOR PANEL (GLAZED 3/4 LITE)	WOOD
41	WOOD DOOR PANEL (OPAQUE)	WOOD
50	3/4 LITE WOOD SIDELITE PANEL	WOOD
51	FULL LITE WOOD SIDELITE PANEL	WOOD
60	TRANSOM PANEL (RECTANGULAR)	WOOD
61	TRANSOM PANEL (ARCHED)	WOOD
66	#8 X 3/4" PFH WOOD SCREW	STEEL

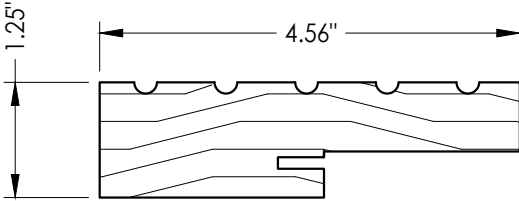
NOTE: WOOD DOOR/SIDELITE PANEL MATERIAL: SAPELE (S.G. >= 0.54)
WOOD JAMB MATERIAL: RADIATA PINE (S.G. >= 0.44)



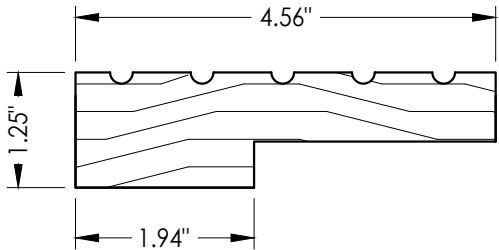
22 OUTSWING THRESHOLD



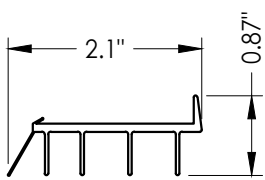
23 INSWING THRESHOLD



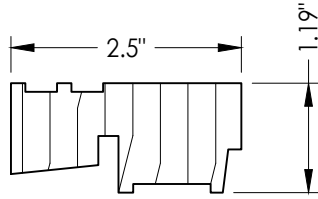
1 HEAD & JAMB



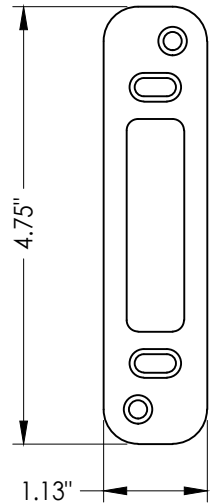
2 SIDELITE JAMB



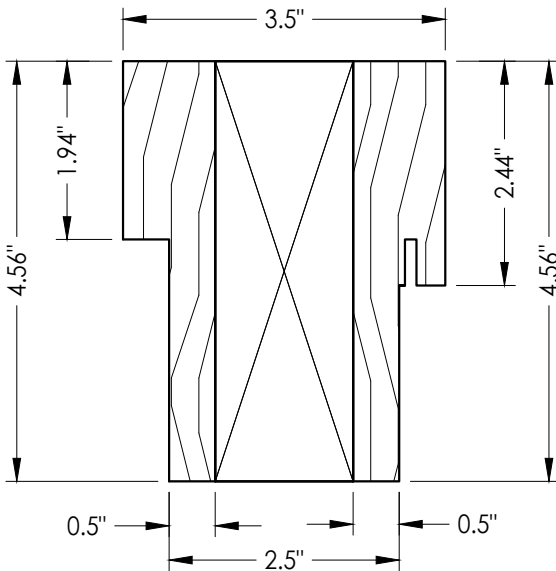
8 DOOR SWEEP



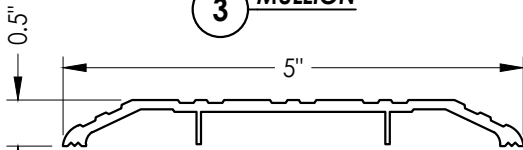
33 SIDELITE SPACER



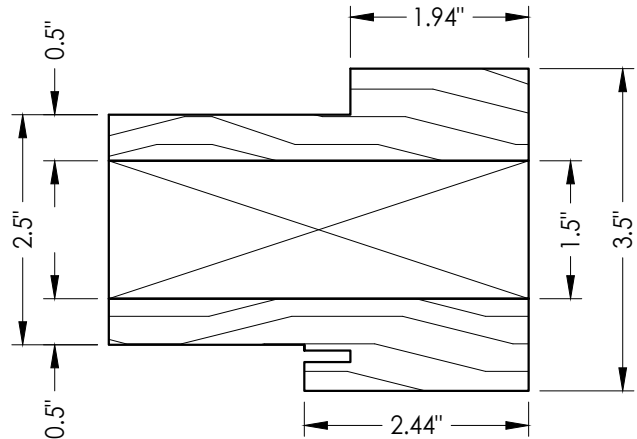
25 TRU-LOCK STRIKE PLATE
Amesbury



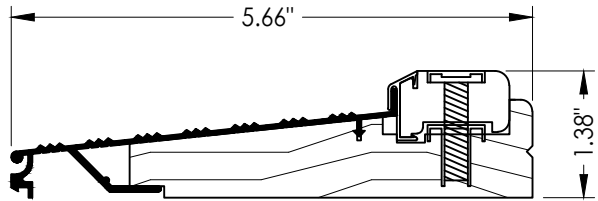
3 MULLION



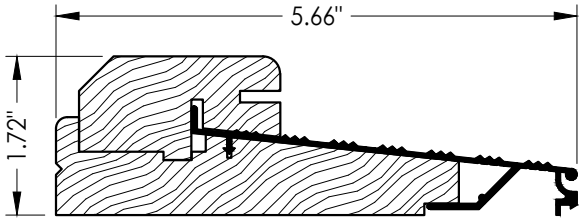
19 ADA THRESHOLD
Single Door only



4 MULLION



20 INSWING THRESHOLD



21 OUTSWING THRESHOLD

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 INC.
WOOD DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

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-16185.4

SHEET 10 OF 10