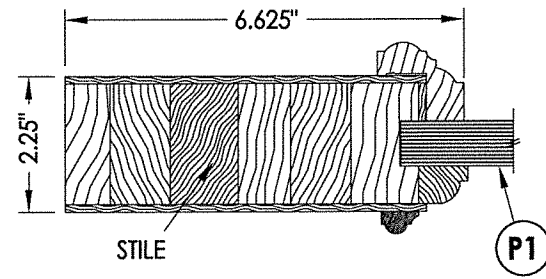
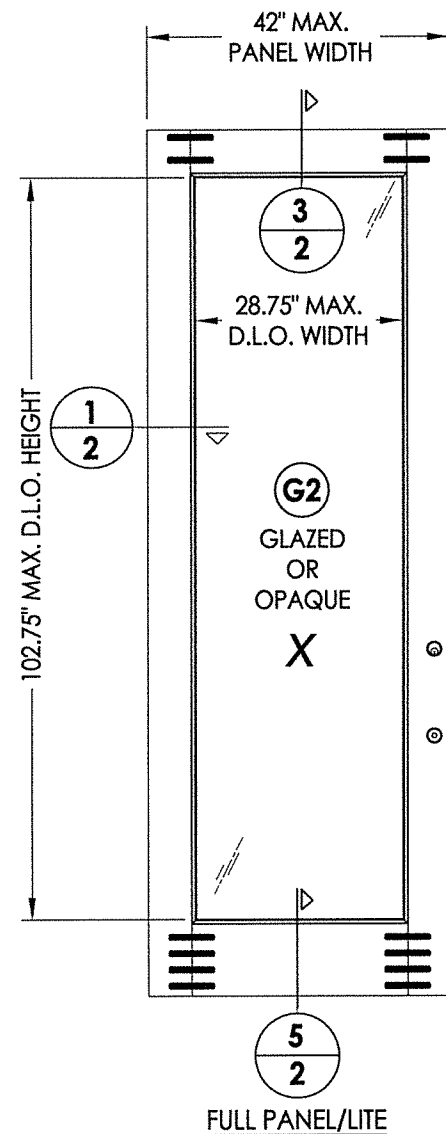
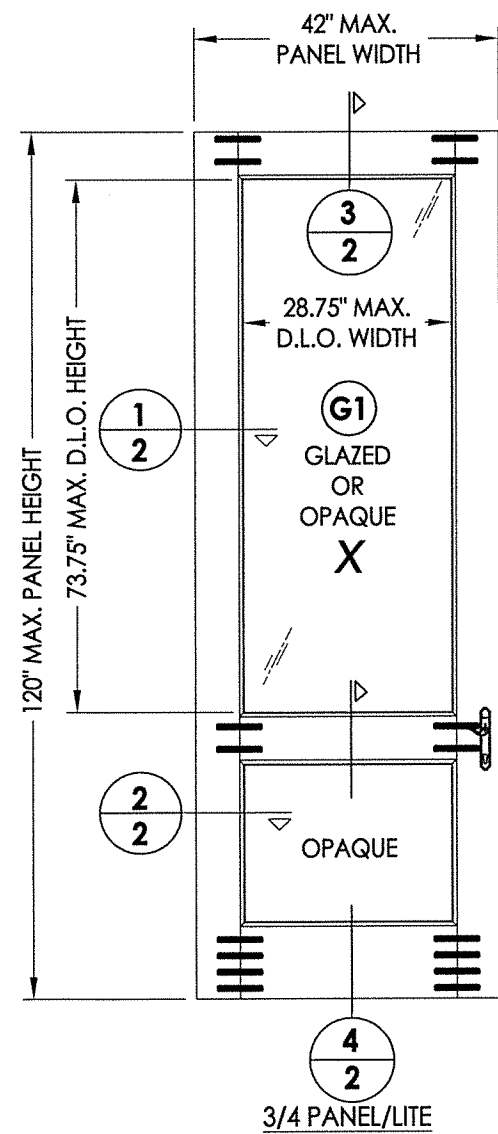


1 HORIZONTAL CROSS SECTION



2 HORIZONTAL CROSS SECTION



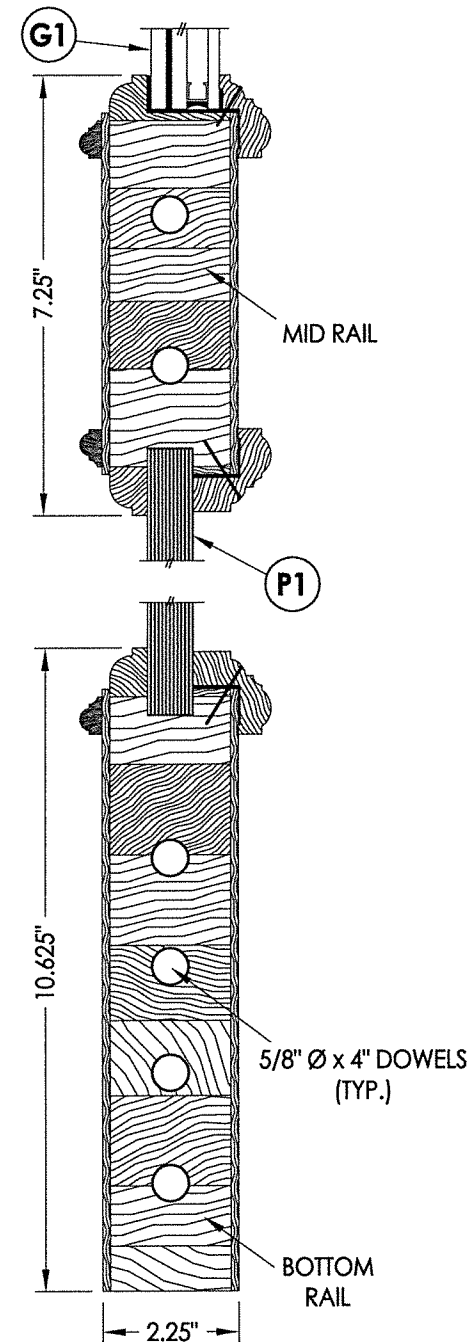
40 WOOD DOOR PANEL (3'-6")
Glazed or Opaque

WOOD DOOR COMPONENTS:

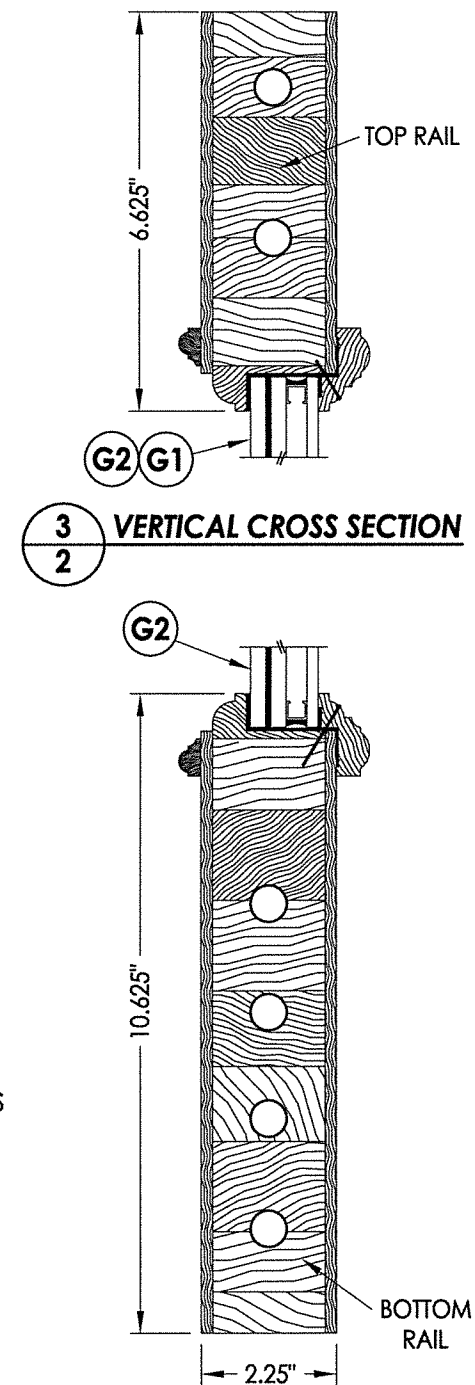
ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)

VENEER/EDGES: CYPRESS (G = 0.42)

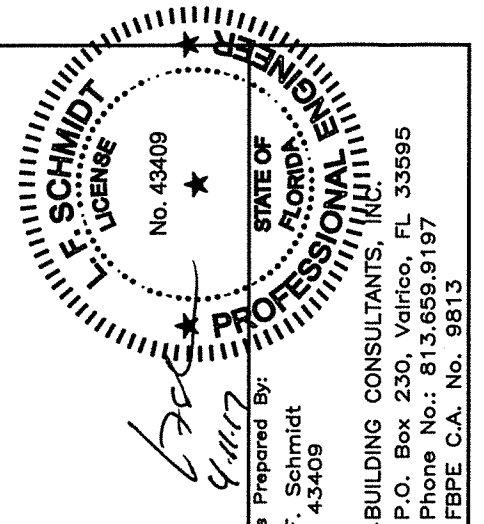
NOTE: VENEER/EDGE MAY INCLUDE OAK, CHERRY, WALNUT OR OTHER OPTIONAL HARDWOOD SPECIES w/ $G \geq 0.42$.



4 VERTICAL CROSS SECTION
2



5 **VERTICAL CROSS SECTION**
2



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 C.A. No. 9813

PRODUCT: MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:

[illegible]

DATE: 3/27/17

SCALE: N.T.S.

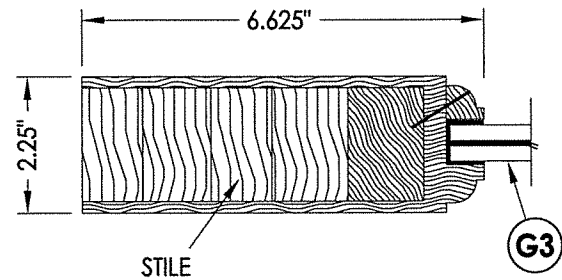
DWG. BY: JK

CHK. BY: LFS

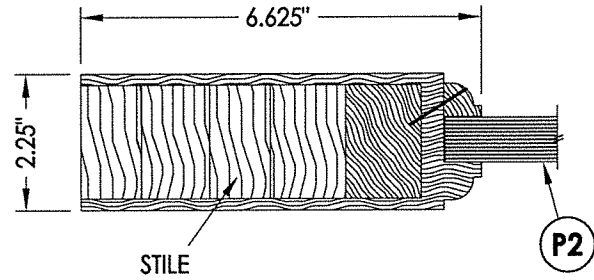
DRAWING NO.:

FL-21891.8

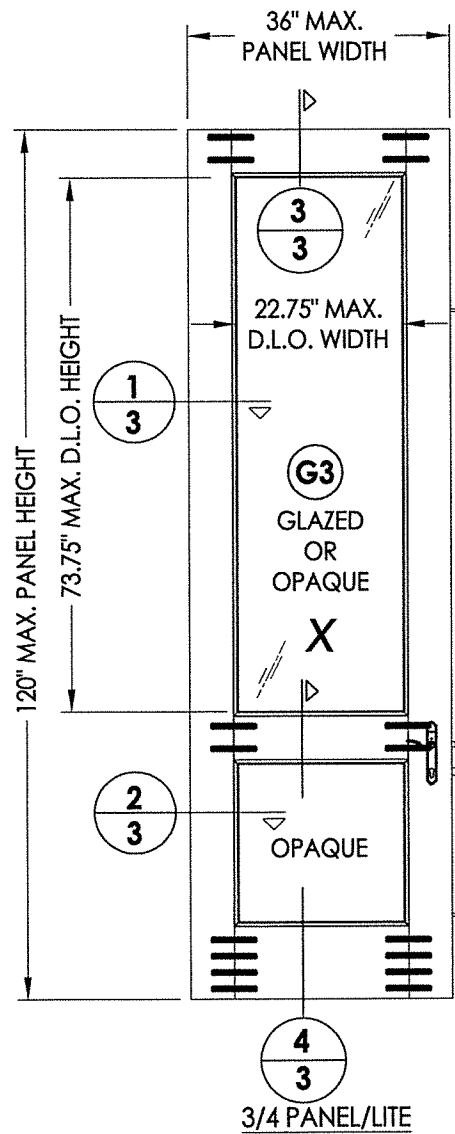
SHEET 2 OF 16



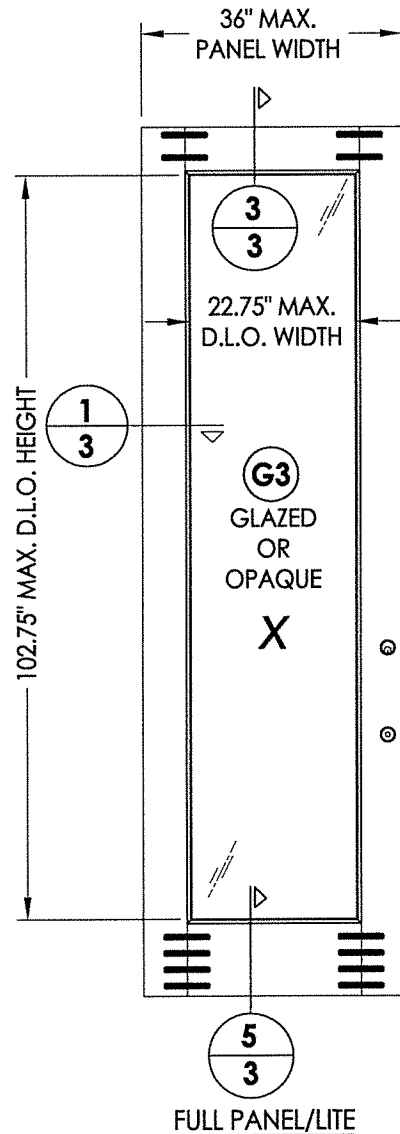
1
3 HORIZONTAL CROSS SECTION



2
3 HORIZONTAL CROSS SECTION



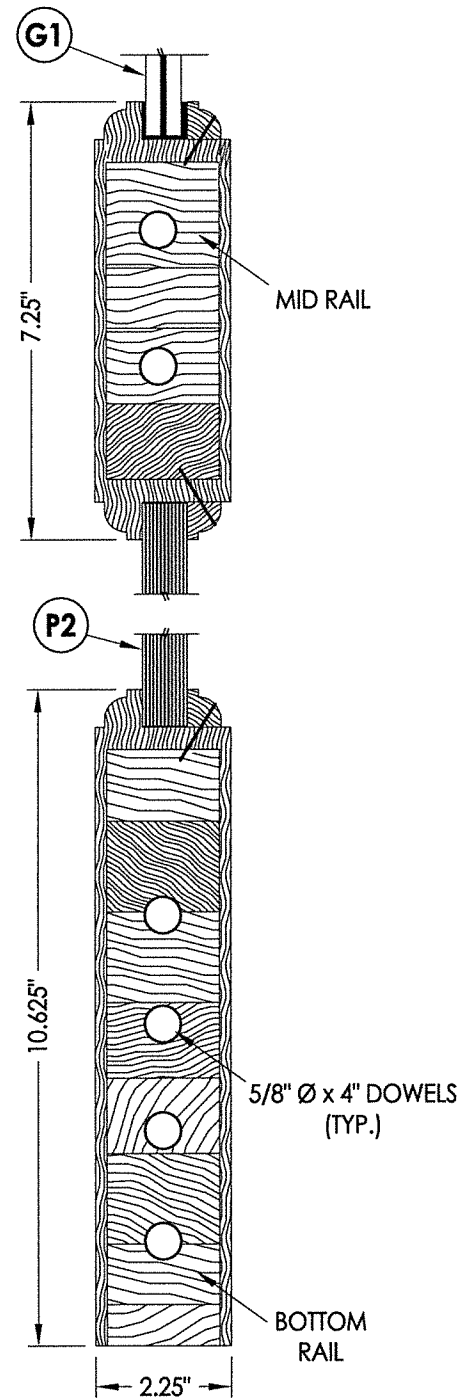
3/4 PANEL/LITE



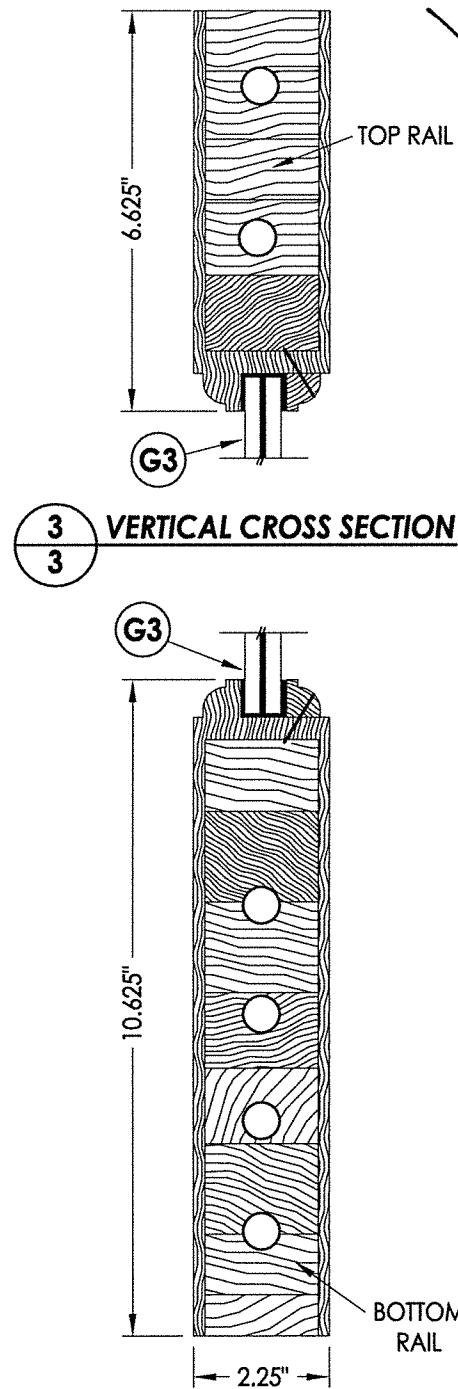
FULL PANEL/LITE

41 WOOD DOOR PANEL (3'-0")
Glazed or Opaque

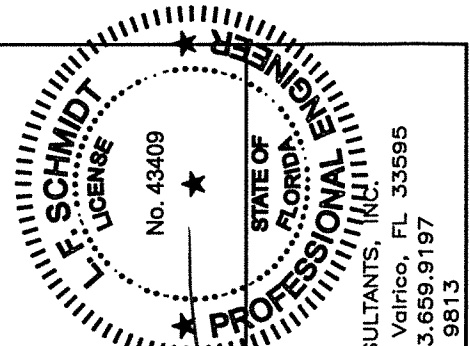
WOOD DOOR COMPONENTS:
ENGINEERED STAVE CORE: SIPO (UTILE) (G = 0.53)
VENEER/EDGES: CYPRESS (G = 0.42)
NOTE: VENEER/EDGE MAY INCLUDE OAK, CHERRY, WALNUT OR
OTHER OPTIONAL HARDWOOD SPECIES w/ G >= 0.42.



4
3 VERTICAL CROSS SECTION



5
3 VERTICAL CROSS SECTION



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 C.A. No. 9813

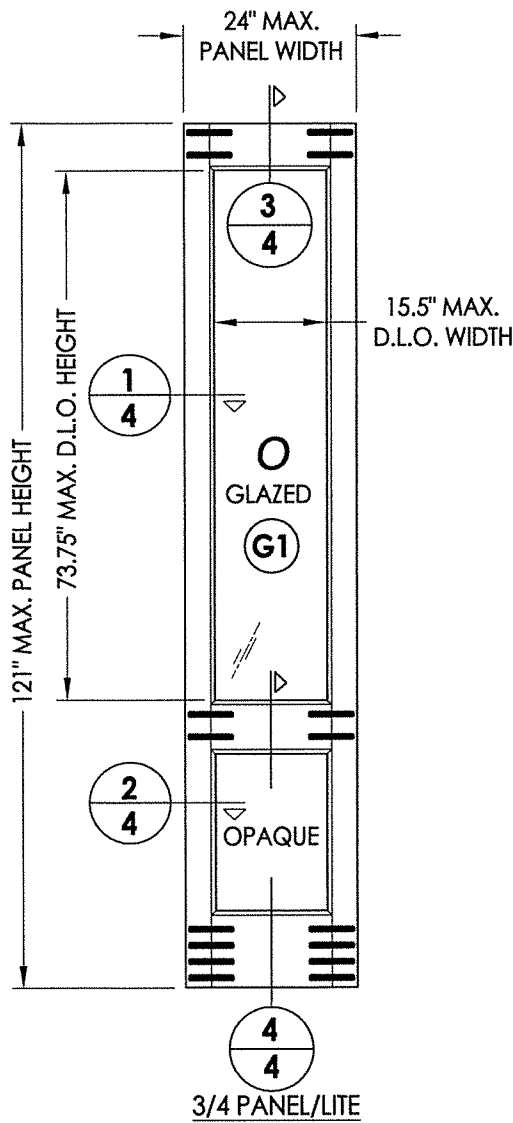
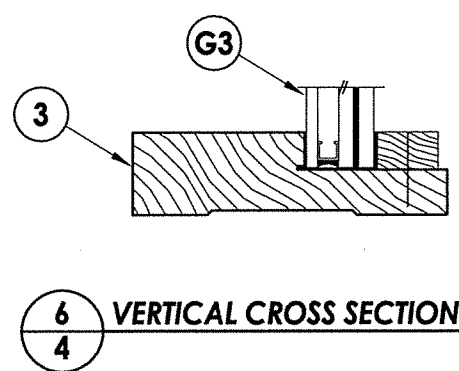
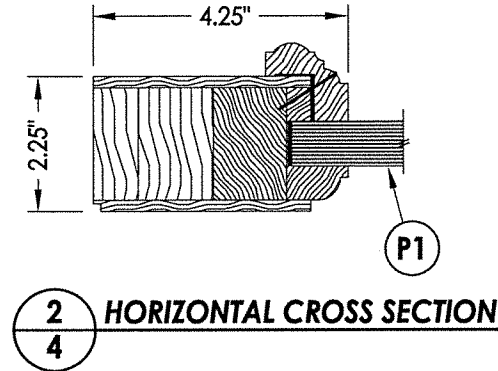
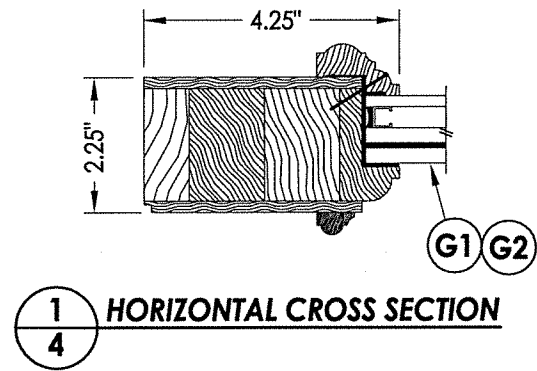
PRODUCT: MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY: DOOR PANEL
DETAILS

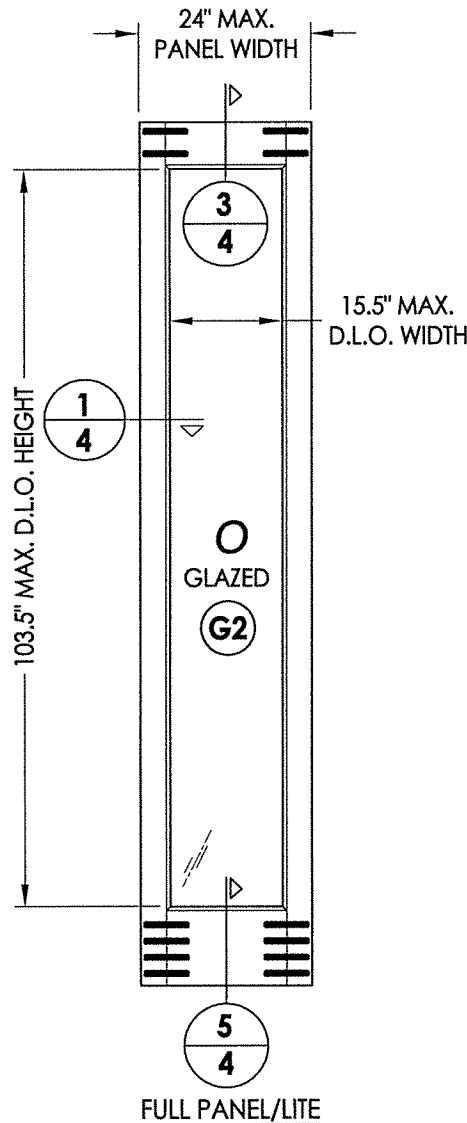
NO.	DATE	REVISIONS	BY

DATE: 3/09/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21891.8
SHEET 3 OF 16

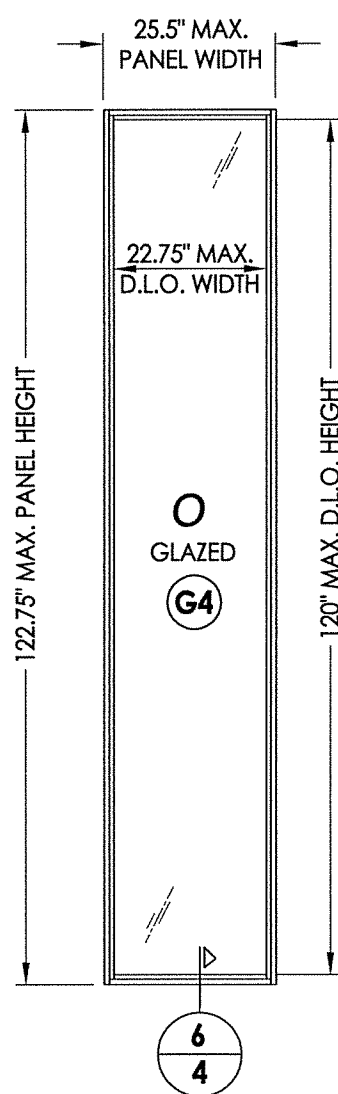
R:\Clients\Millwork 360\A - Florida Product Approvals\FL-21891 Wood Doors\C - Drawings\FL-21891 (2014)\FL-21891.6-8.dwg, 4.8



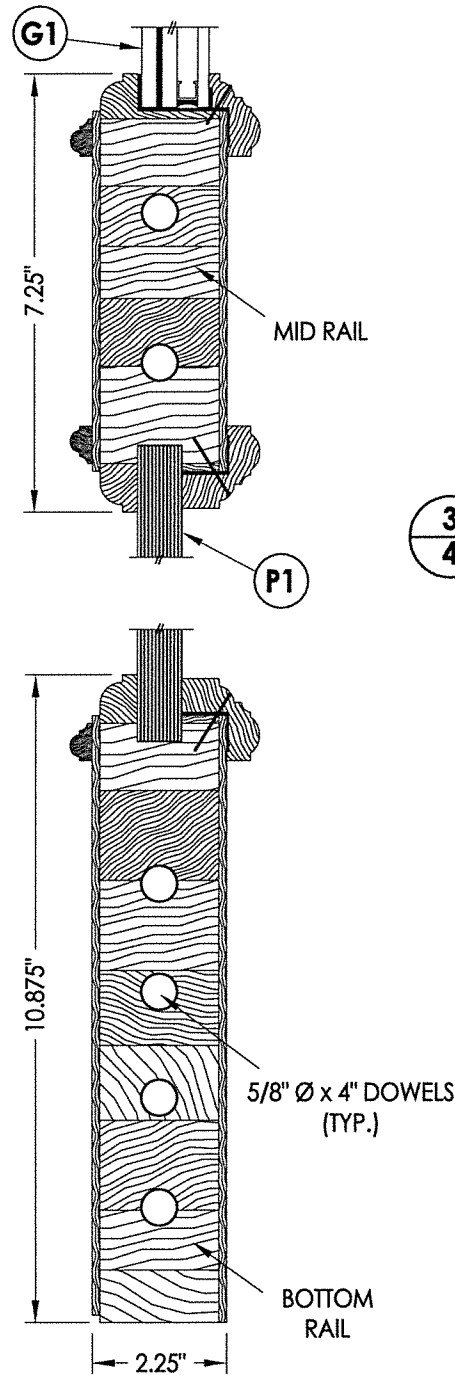
50 WOOD SIDELITE PANEL (2'-0")



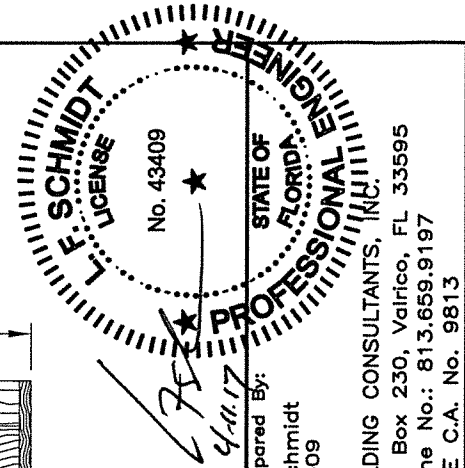
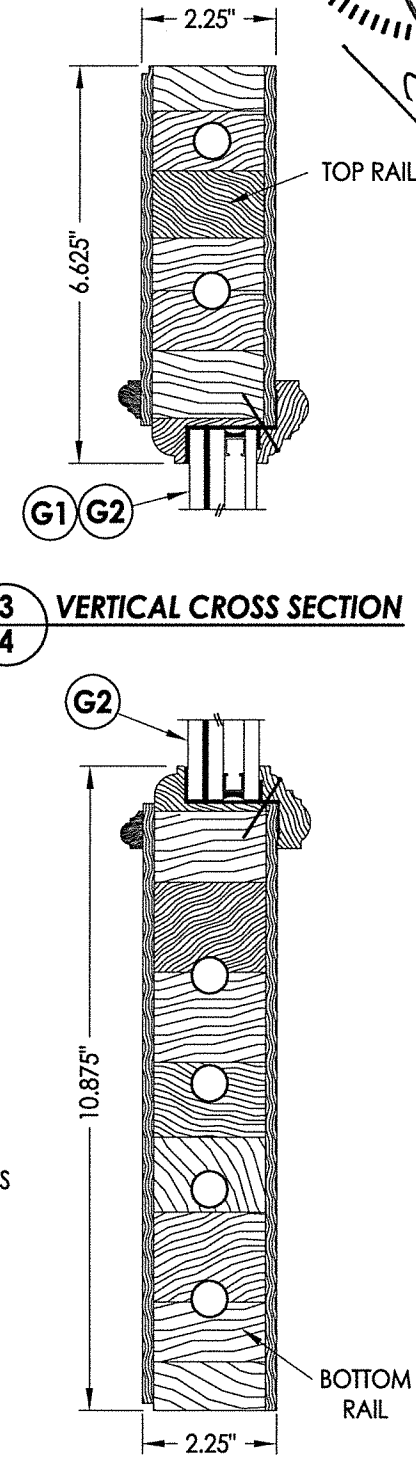
**51 WOOD SIDELITE PANEL (2'-0")
DIRECT SET**



4/4 VERTICAL CROSS SECTION



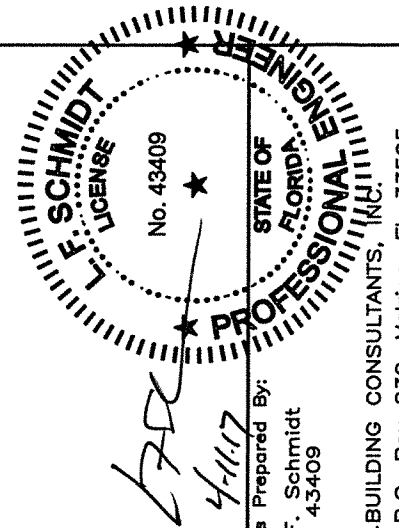
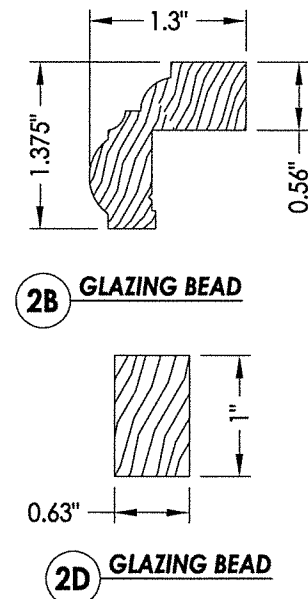
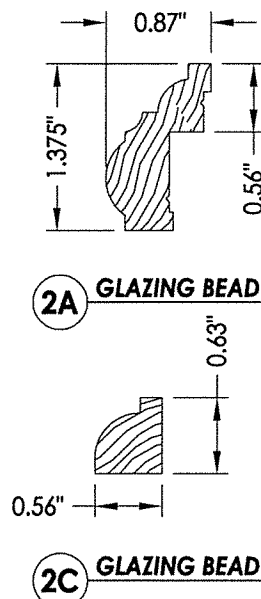
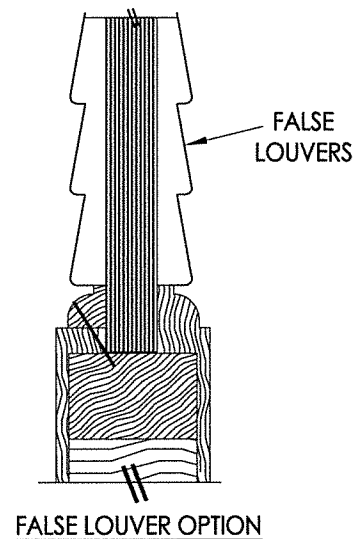
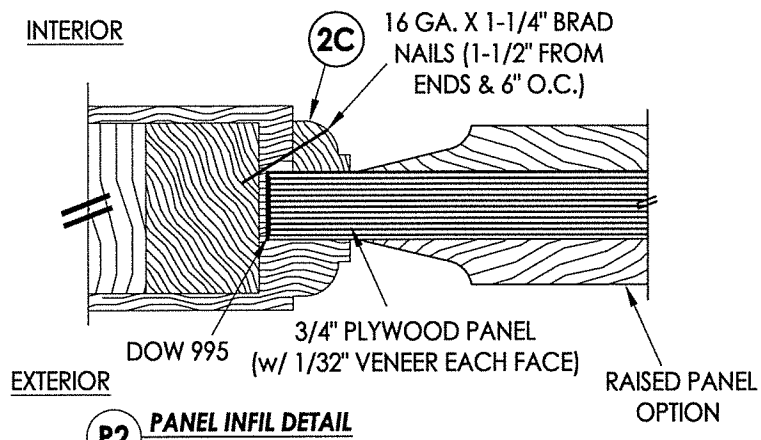
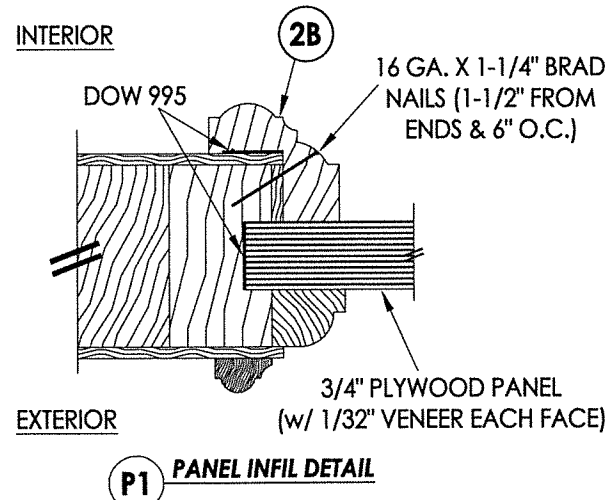
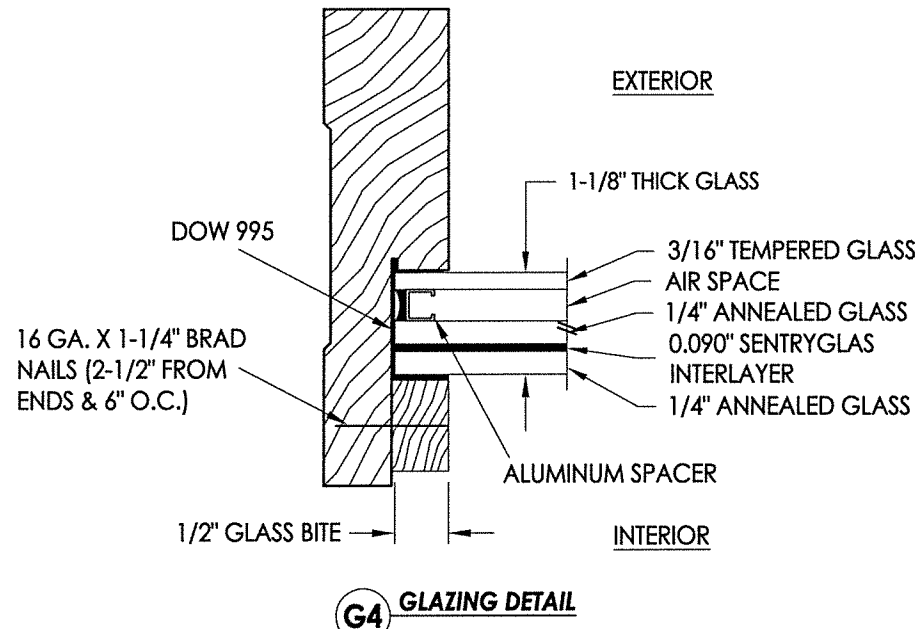
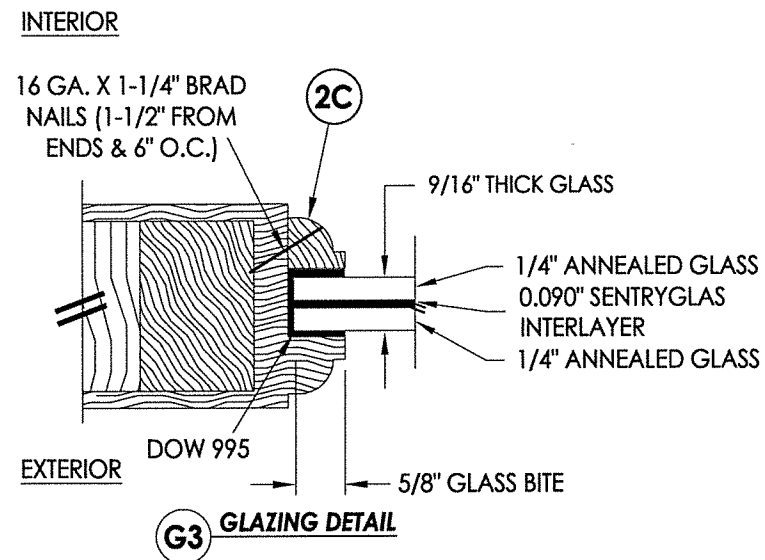
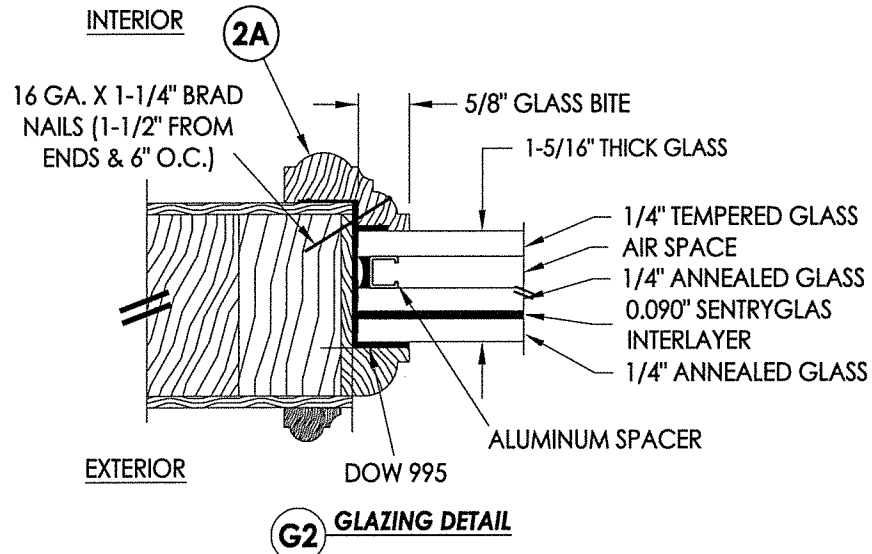
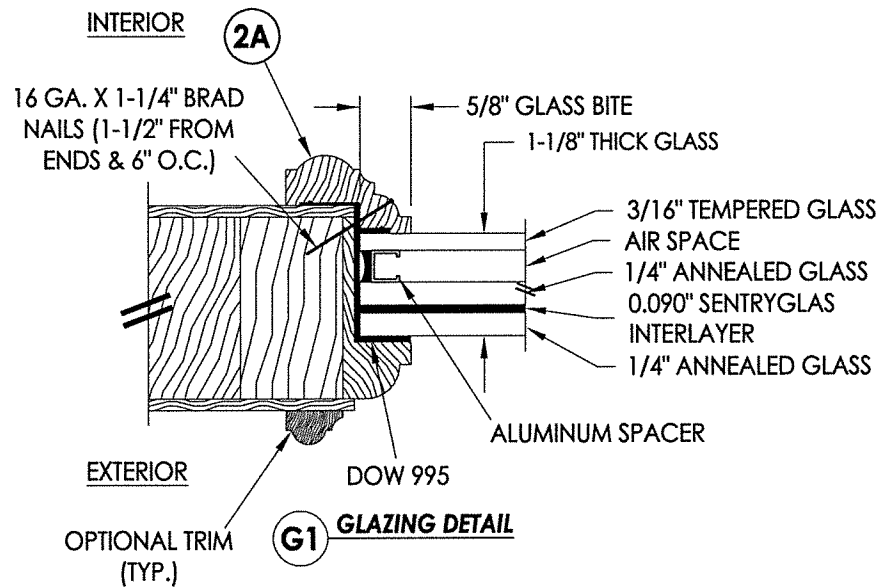
3/4 VERTICAL CROSS SECTION



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 C.A. No. 9813

PRODUCT: MILLWORK 360 WOOD DOOR				PART OR ASSEMBLY: DOOR PANEL DETAILS			
					</		



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 C.A. No. 9813

PRODUCT: MILLWORK 360 WOOD DOOR

PART OR ASSEMBLY: GLAZING & PANEL INFIL DETAILS

NO.	DATE	REVISIONS	BY

DATE: 03/27/17

SCALE: N.T.S.

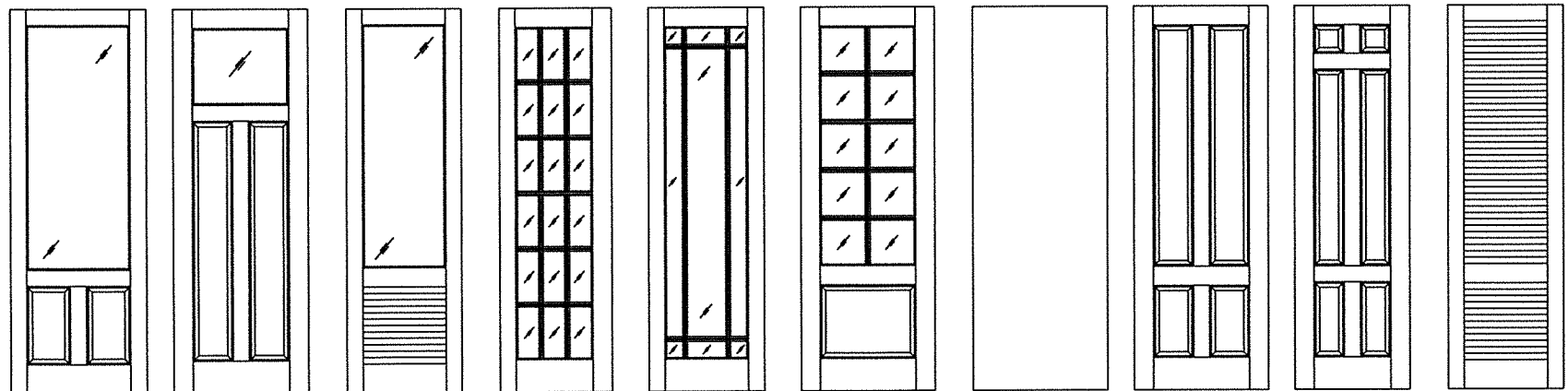
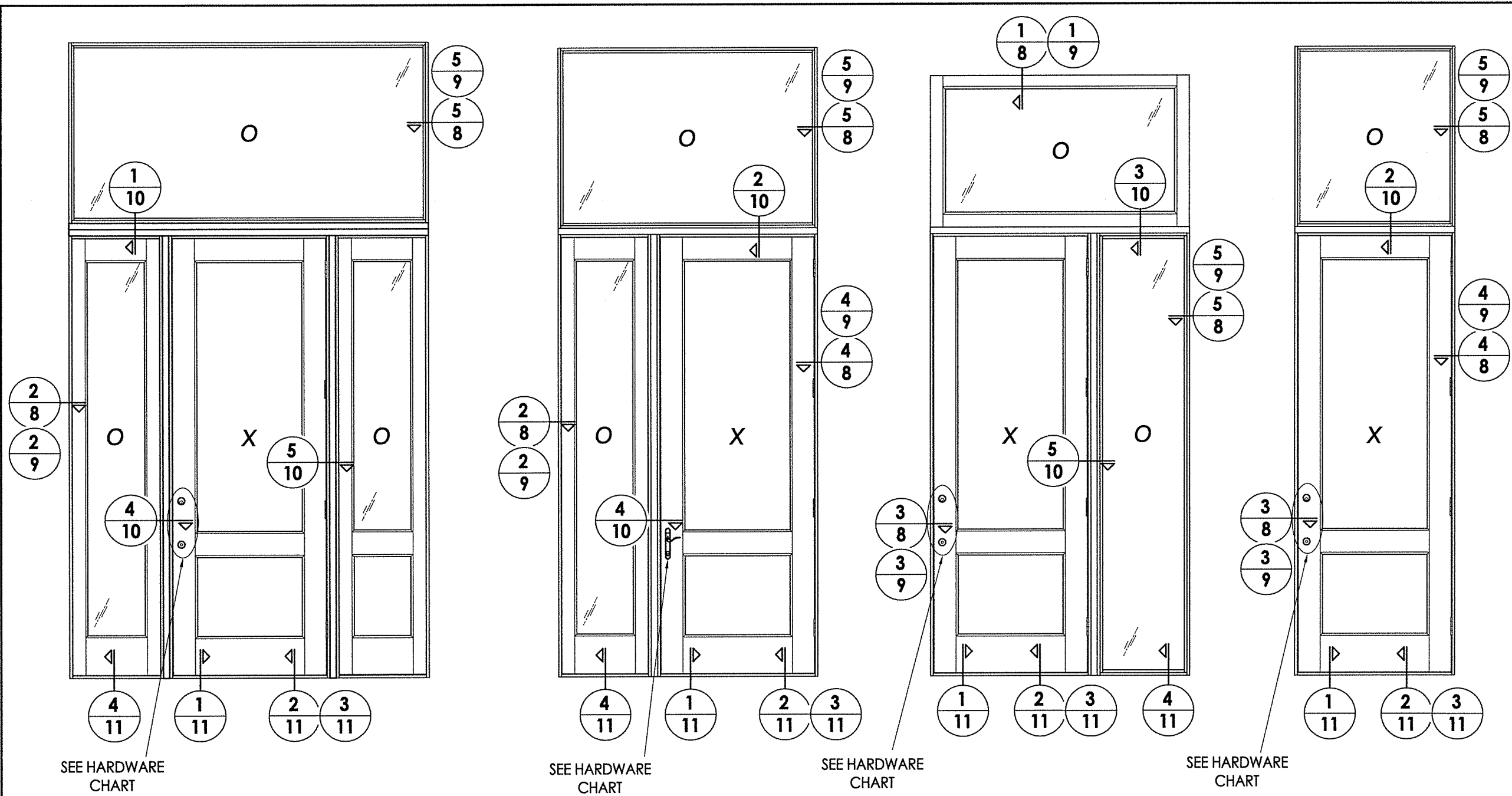
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.: FL-21891.8

SHEET 6 OF 16

R:\Clients\Millwork 360\A - Florida Product Approvals\FL-21891 Wood Doors\C - Drawings\FL-21891 (2014)\FL-21891.6-8.dwg, 7.8



Millwork 360 Door Panel Options

Panel options shown are for illustration and are representative only.
Surface applied muntins are used for simulated divided lites shown.

HARDWARE TABLE	
MANUFACTURER	MODEL
HOPPE	MULTIPOINT HARDWARE: HLS 9000 SERIES MULTIPOINT LOCK ROUNDBOLT/SHOOTBOLT (5-PT.)
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)

STATE OF FLORIDA
PROFESSIONAL ENGINEER
F. SCHMIDT
LICENSE
No. 43409

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 C.A. No. 9813

PRODUCT: MILLWORK 360
WOOD DOOR

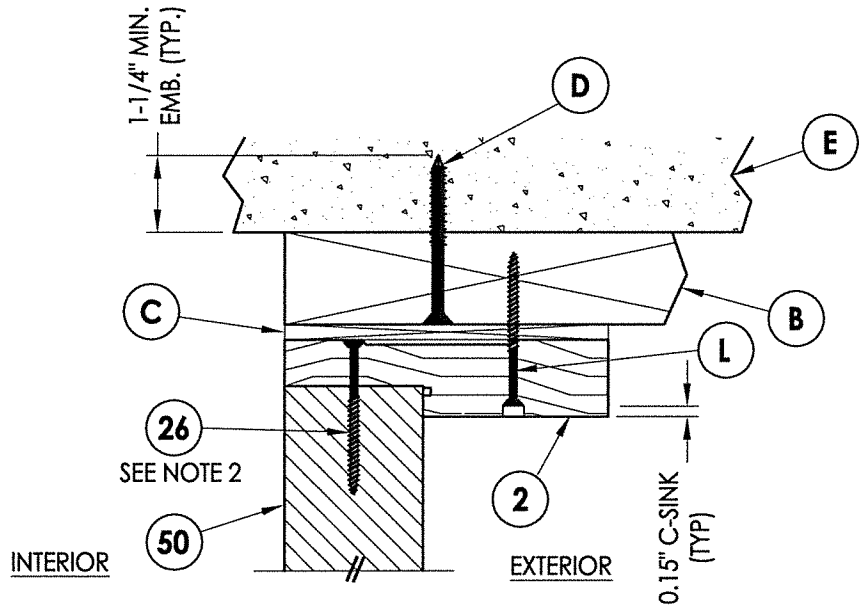
PART OR ASSEMBLY: ELEVATIONS

NO.	DATE	BY	REVISIONS

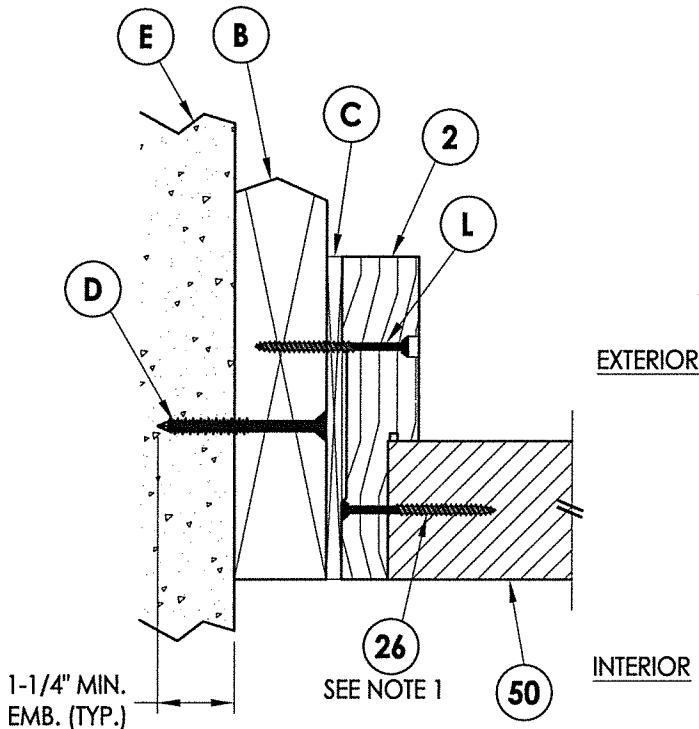
DATE: 2/14/17
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-21891.8
SHEET 7 OF 16

R:\Clients\Millwork 360\A - Florida Product Approvals\FL-21891 Wood Doors\C - Drawings\FL-21891 (2014)\FL-21891.6-8.dwg, 8.8

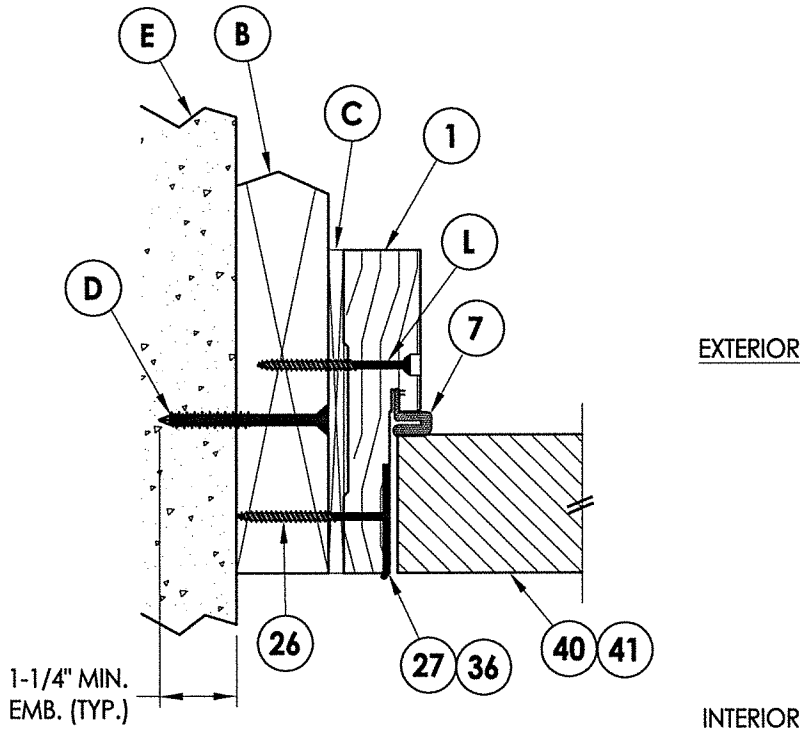
- NOTES:
- Item #22 located 4" from each end & 9 more equally spaced (11 total).
 - Item #22 located 4" from each end & 1 at the center line (3 total).



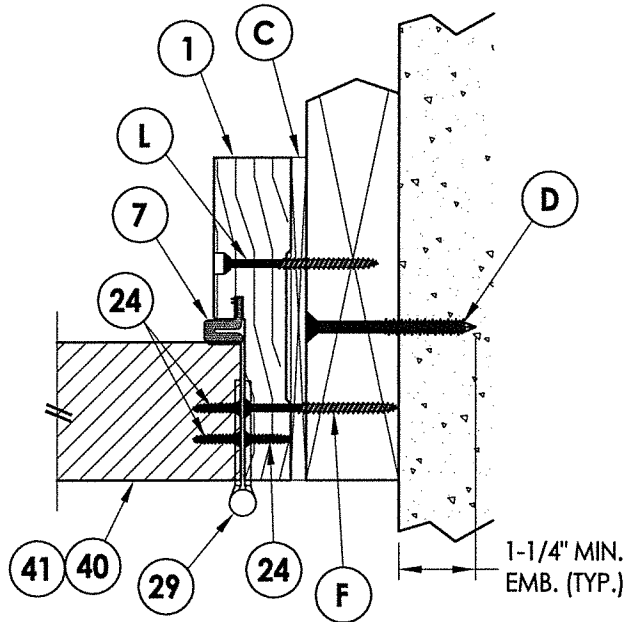
1
8 **VERTICAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



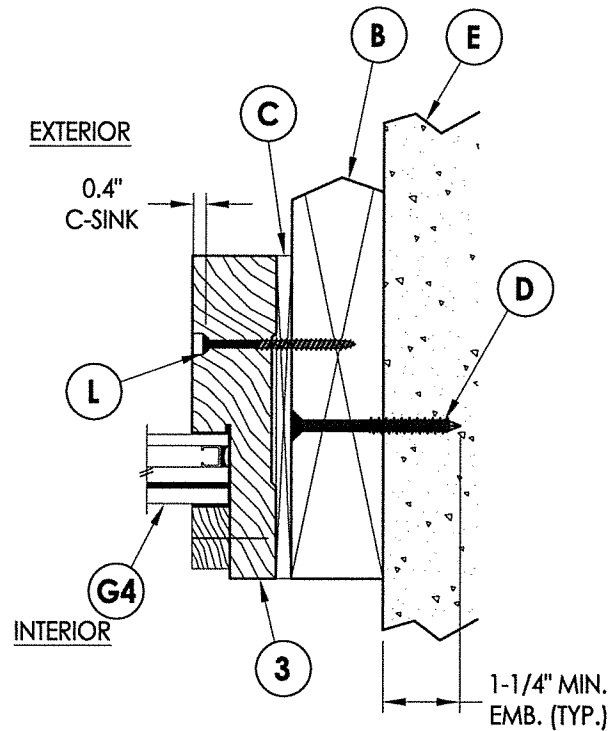
2
8 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



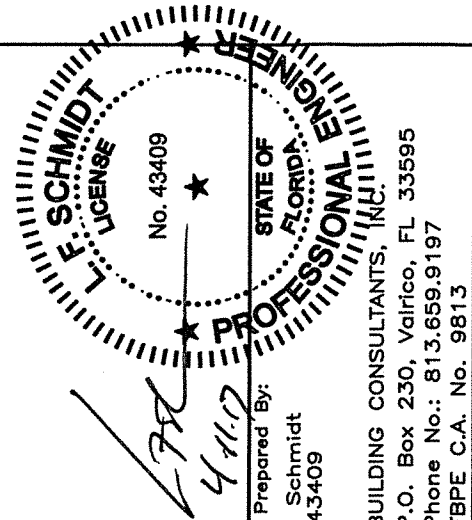
3
8 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



4
8 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



5
8 **HORIZONTAL CROSS SECTION**
Shown w/ 2X Buck
Inswing shown (Outswing similar)



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 C.A. No. 9813

PRODUCT: MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (2X BUCK)

REVISIONS		NO.	DATE	BY

DATE: 2/14/17

SCALE: N.T.S.

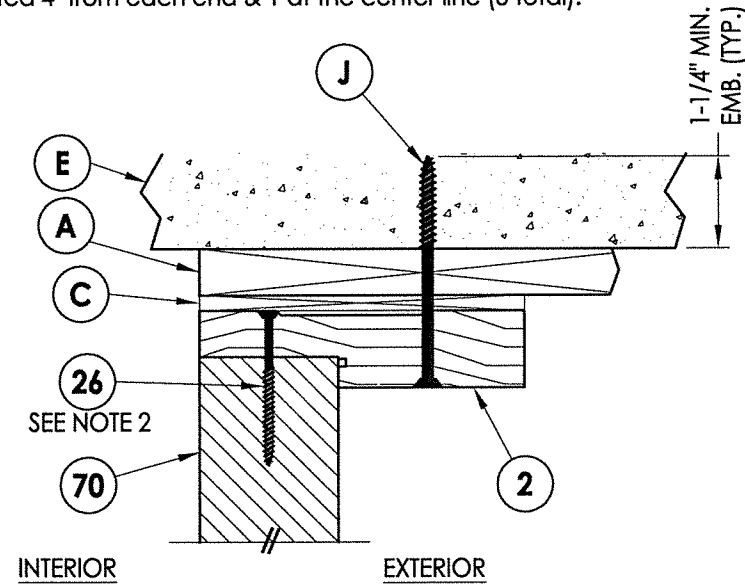
DWG. BY: JK

CHK. BY: LFS

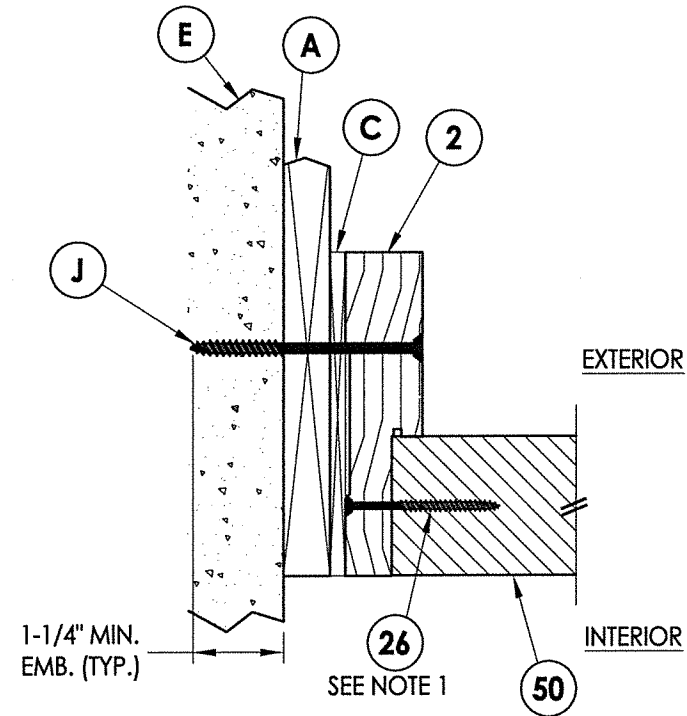
DRAWING NO.: FL-21891.8

SHEET 8 OF 16

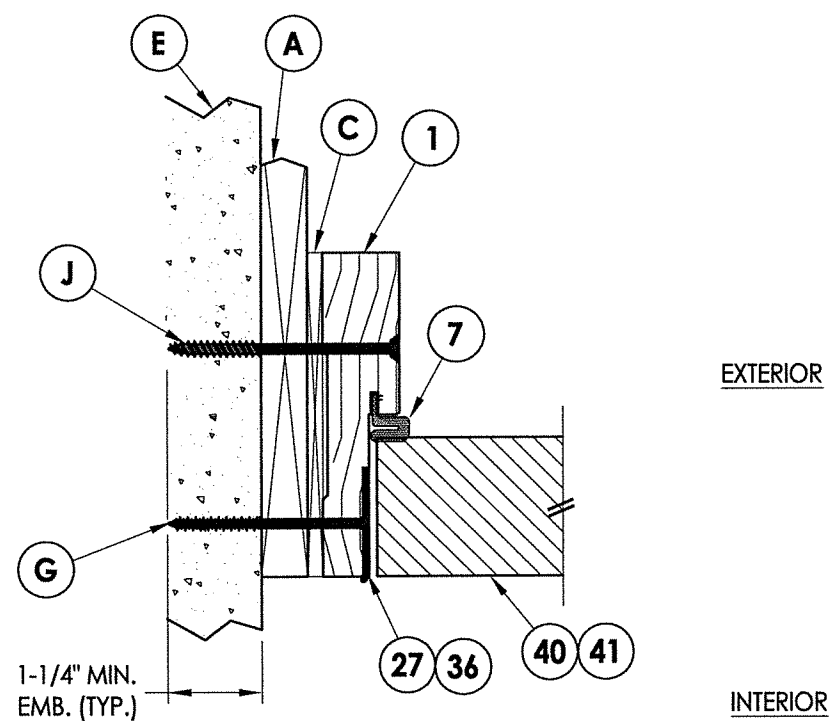
1. Item #26 located 4" from each end & 9 more equally spaced (11 total).
2. Item #26 located 4" from each end & 1 at the center line (3 total).



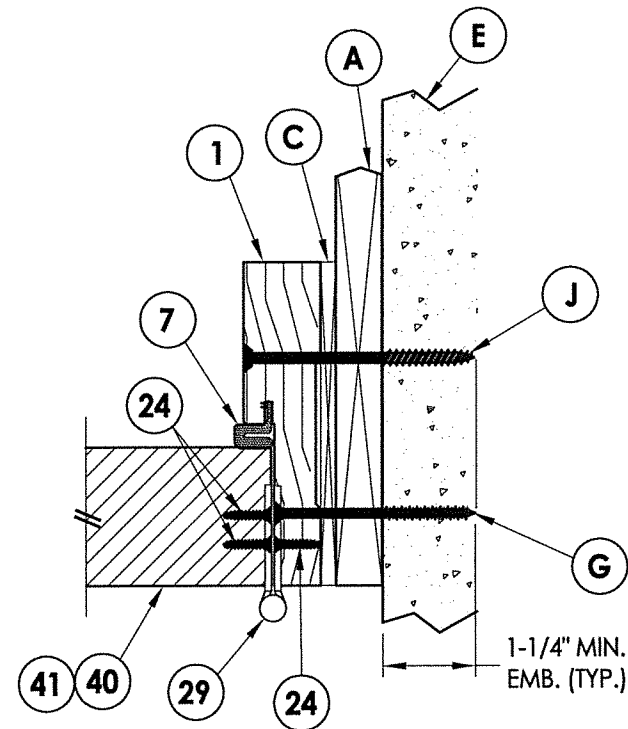
1 **VERTICAL CROSS SECTION**
9 Shown w/ 1X Buck
 Inswing shown (Outswing similar)



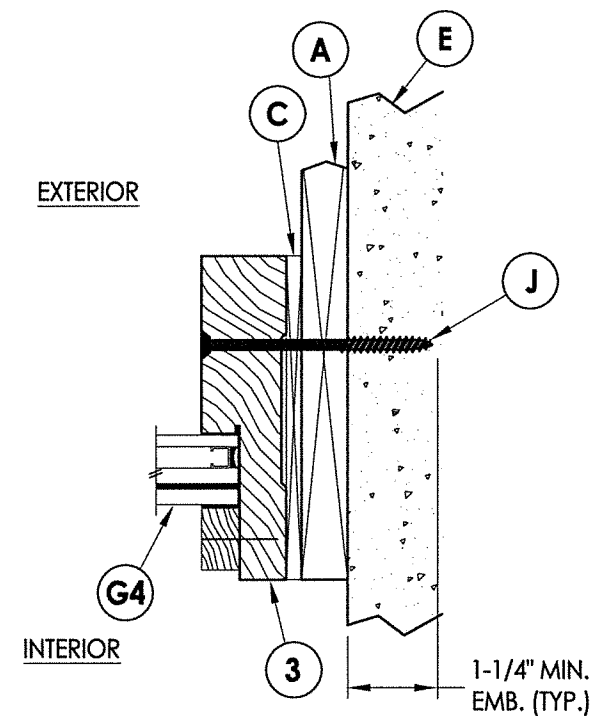
2 HORIZONTAL CROSS SECTION
9 Shown w/ 1X Buck
 Inswing shown (Outswing similar)



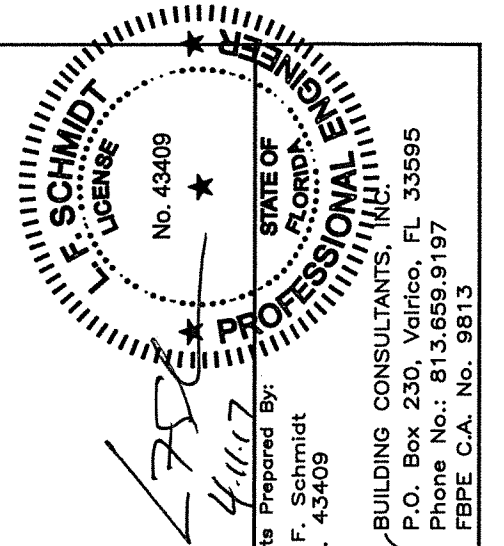
3 HORIZONTAL CROSS SECTION
9 Shown w/ 1X Buck
Inswing shown (Outswing similar)



4 **HORIZONTAL CROSS SECTION**
9 Shown w/ 1X Buck
 Inswing shown (Outswing similar)



5 HORIZONTAL CROSS SECTION
9 Shown w/ 1X Buck
 Inswing shown (Outswing similar)



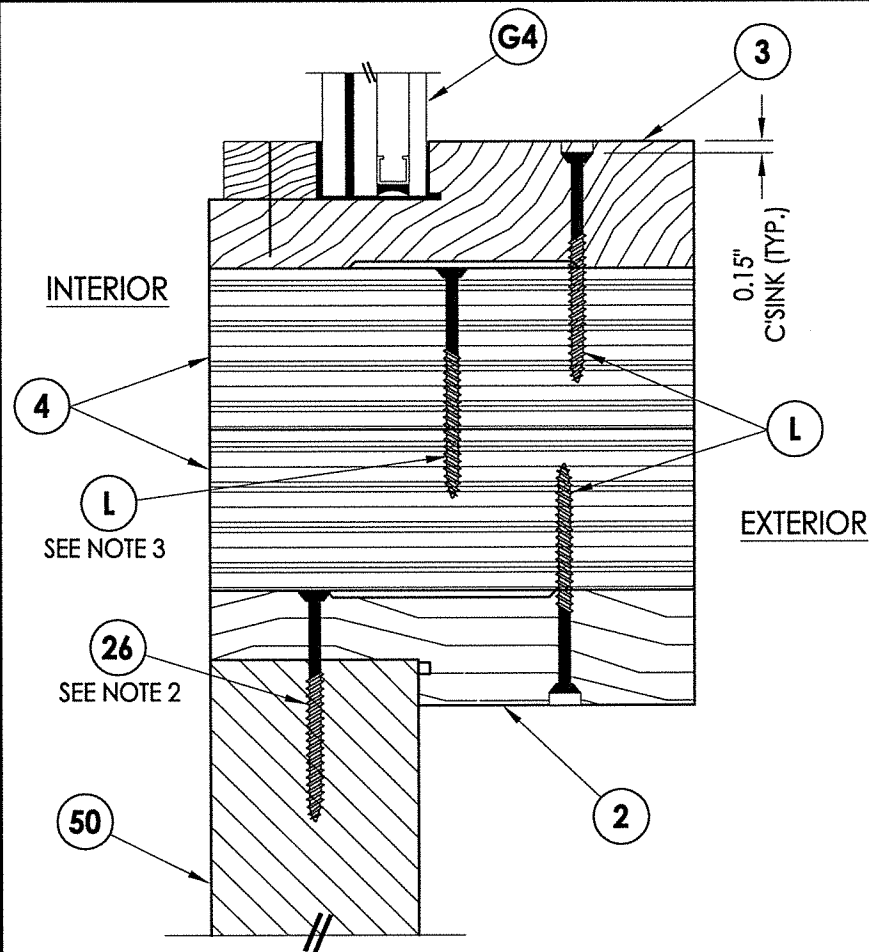
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

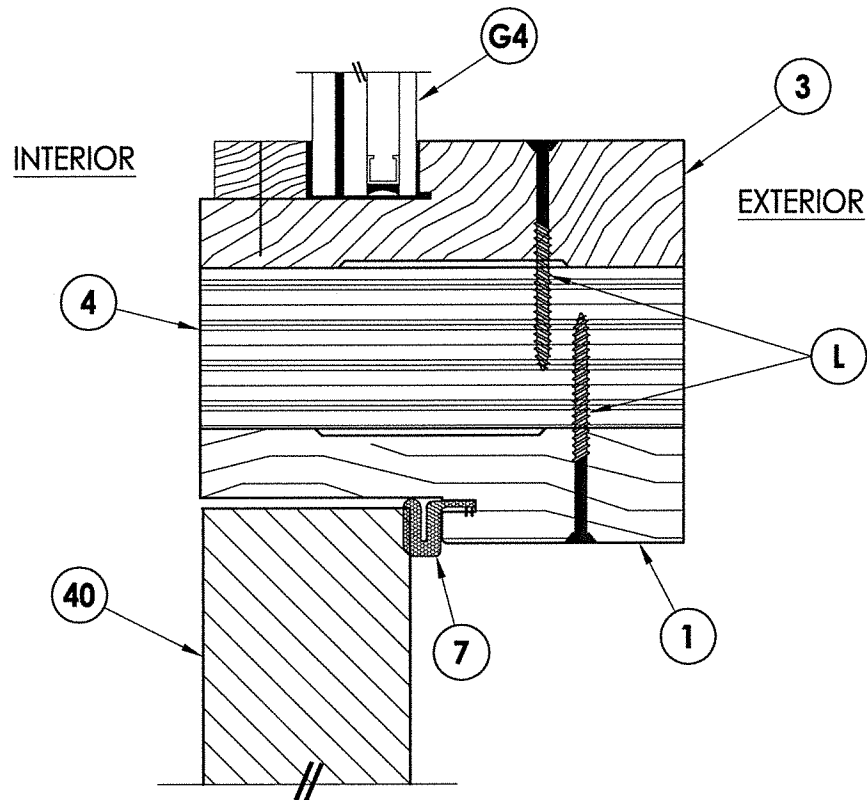
PRODUCT: MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:
HORIZONTAL & VERTICAL
CROSS SECTIONS (1X BUCK)

[illegible]

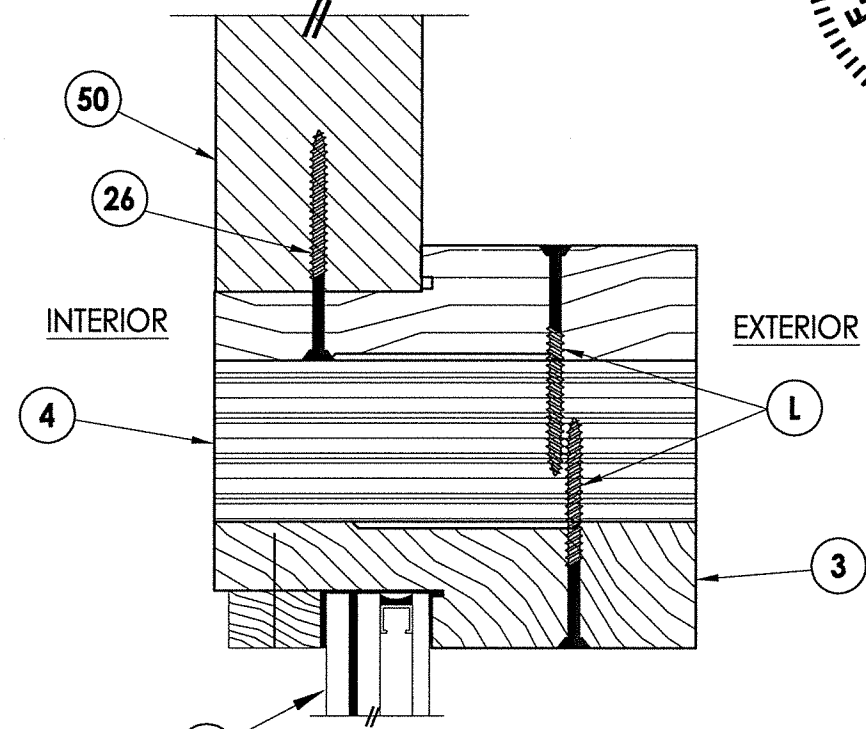


1 VERTICAL CROSS SECTION
10 Inswing shown (Outswing similar)

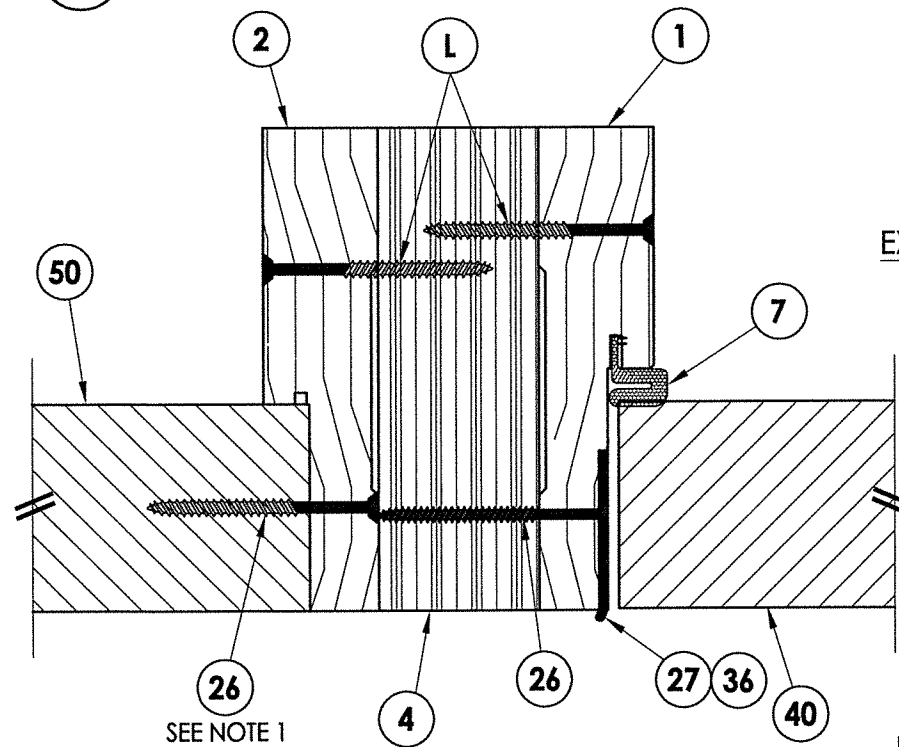


2 VERTICAL CROSS SECTION
10 Inswing shown (Outswing similar)

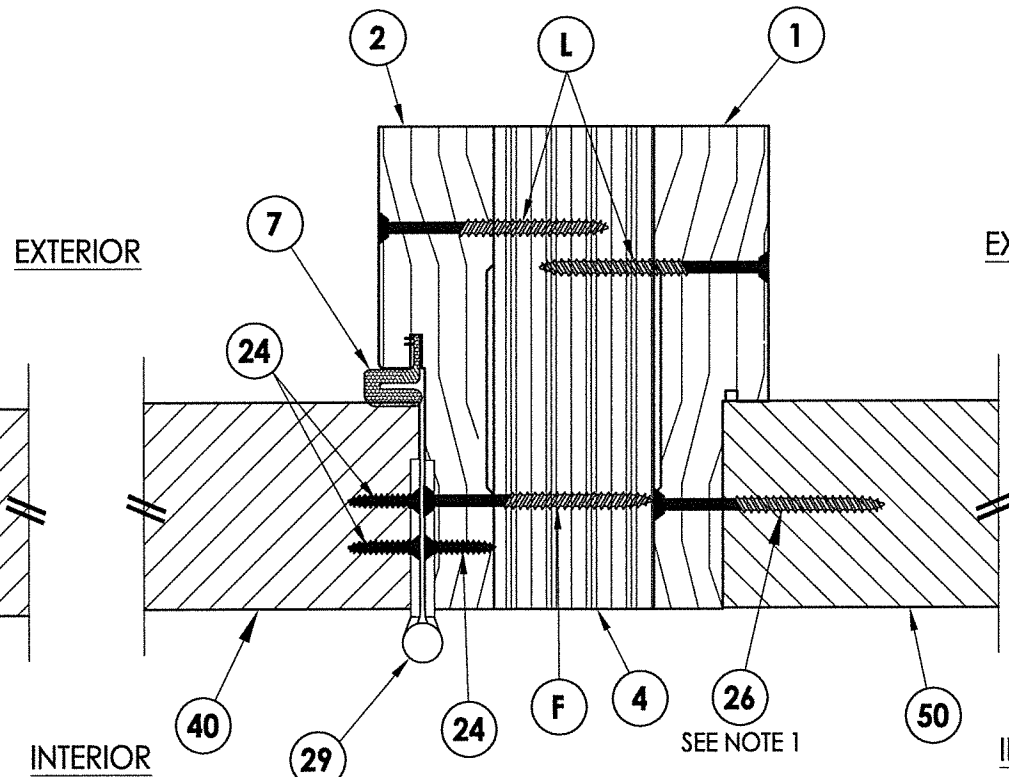
- NOTES:
- Item #26 located 4" from each end & 9 more equally spaced (11 total).
 - Item #26 located 4" from each end & 1 at the center line (3 total).
 - Item #L located 24" from each (2 total).
 - Item #26 located 4" from each end & at 10" o.c. throughout.



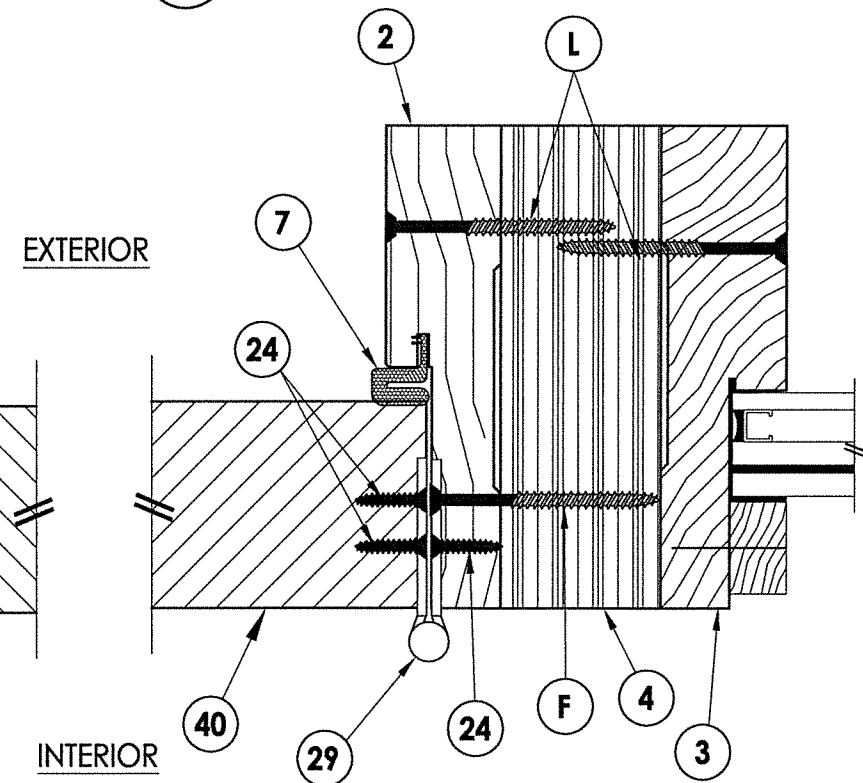
3 VERTICAL CROSS SECTION
10 Inswing shown (Outswing similar)



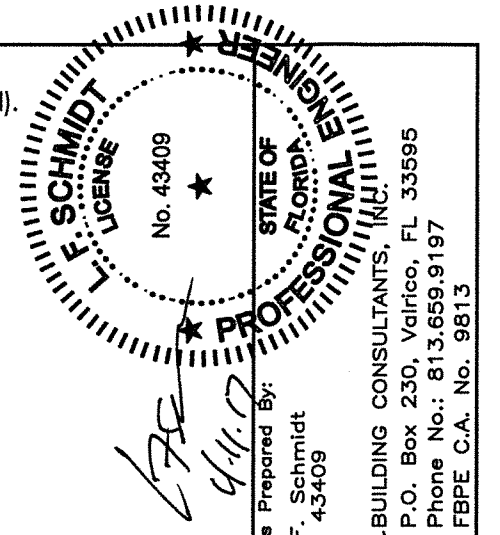
4 HORIZONTAL CROSS SECTION
10 Inswing shown (Outswing similar)



5 HORIZONTAL CROSS SECTION
10 Inswing shown (Outswing similar)

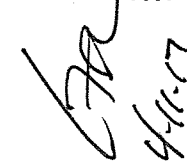


6 HORIZONTAL CROSS SECTION
10 Inswing shown (Outswing similar)



PRODUCT: MILLWORK 360 WOOD DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS	
DATE: 2/14/17	SCALE: N.T.S.	NO.	DATE
DWG. BY: JK	CHK. BY: LFS	REVISIONS	
DRAWING NO.: FL-21891.8		BY	
SHEET 10 OF 16			

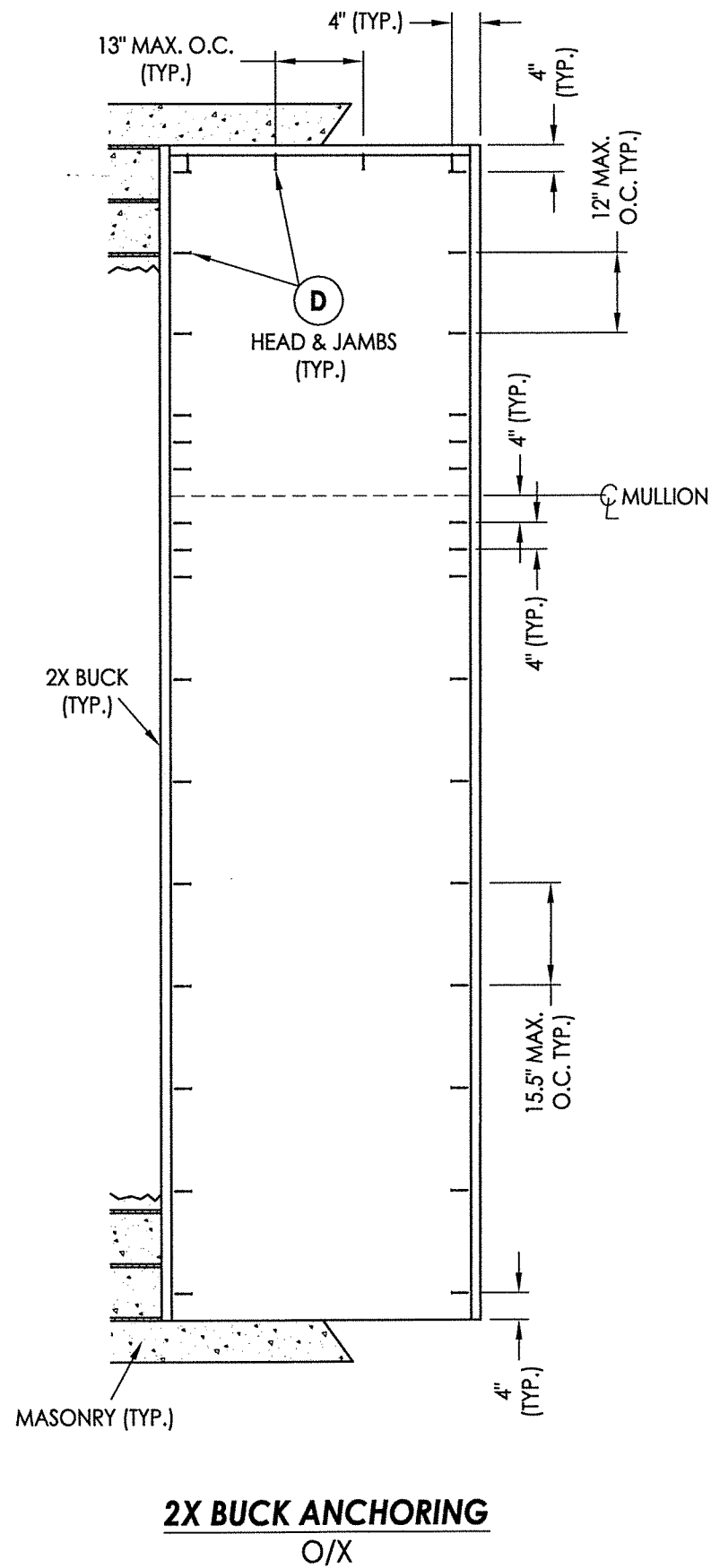
1. Item #26 located 4" from each end & 1 at the center line (3 total).



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

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

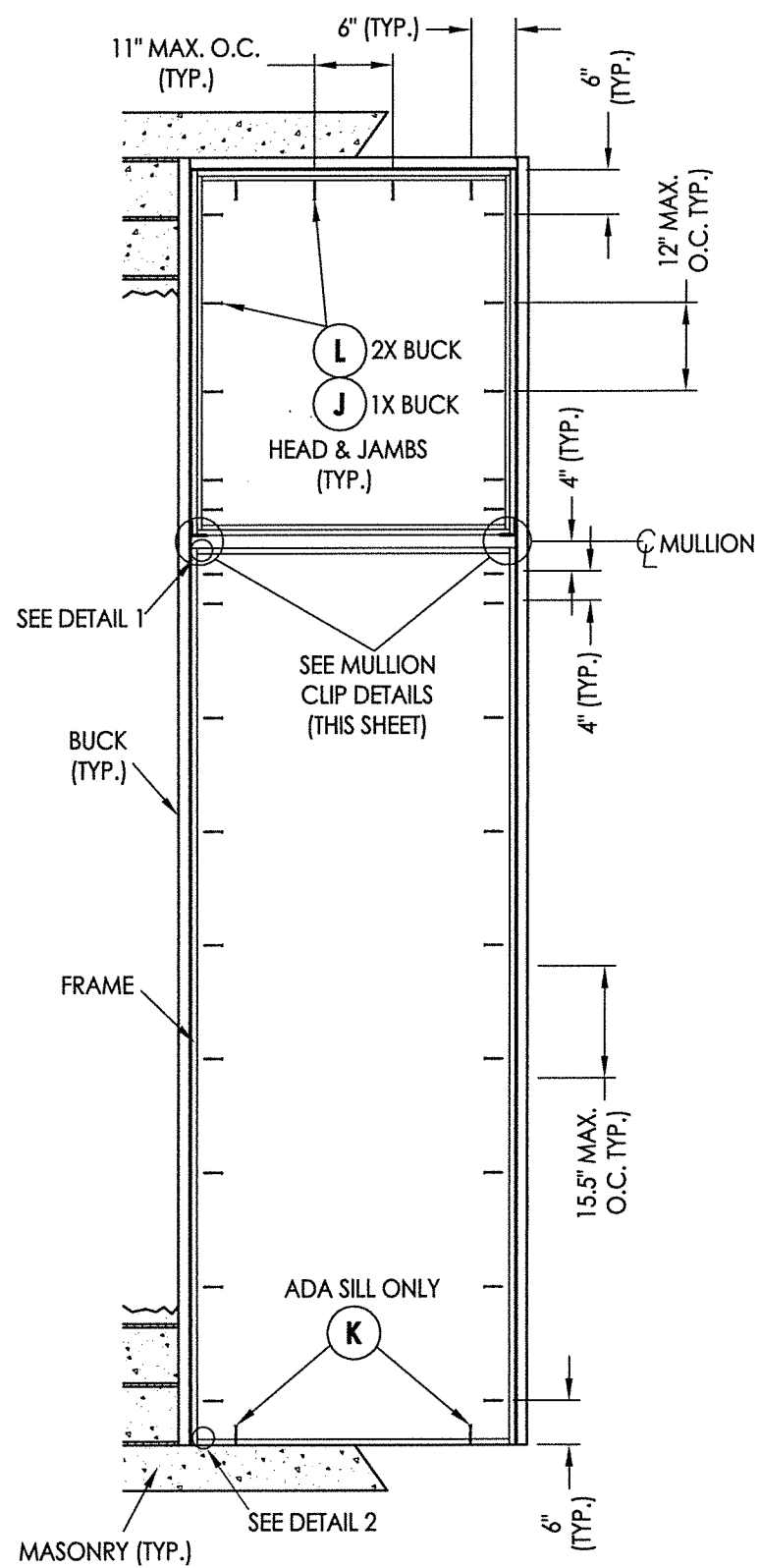
DATE: 2/14/17		REVISIONS		PRODUCT:		PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLD)
SCALE: N.T.S.						
DWG. BY: JK						
CHK. BY: LFS						
DRAWING NO.: FL-21891.8						
SHEET 11 OF 16						



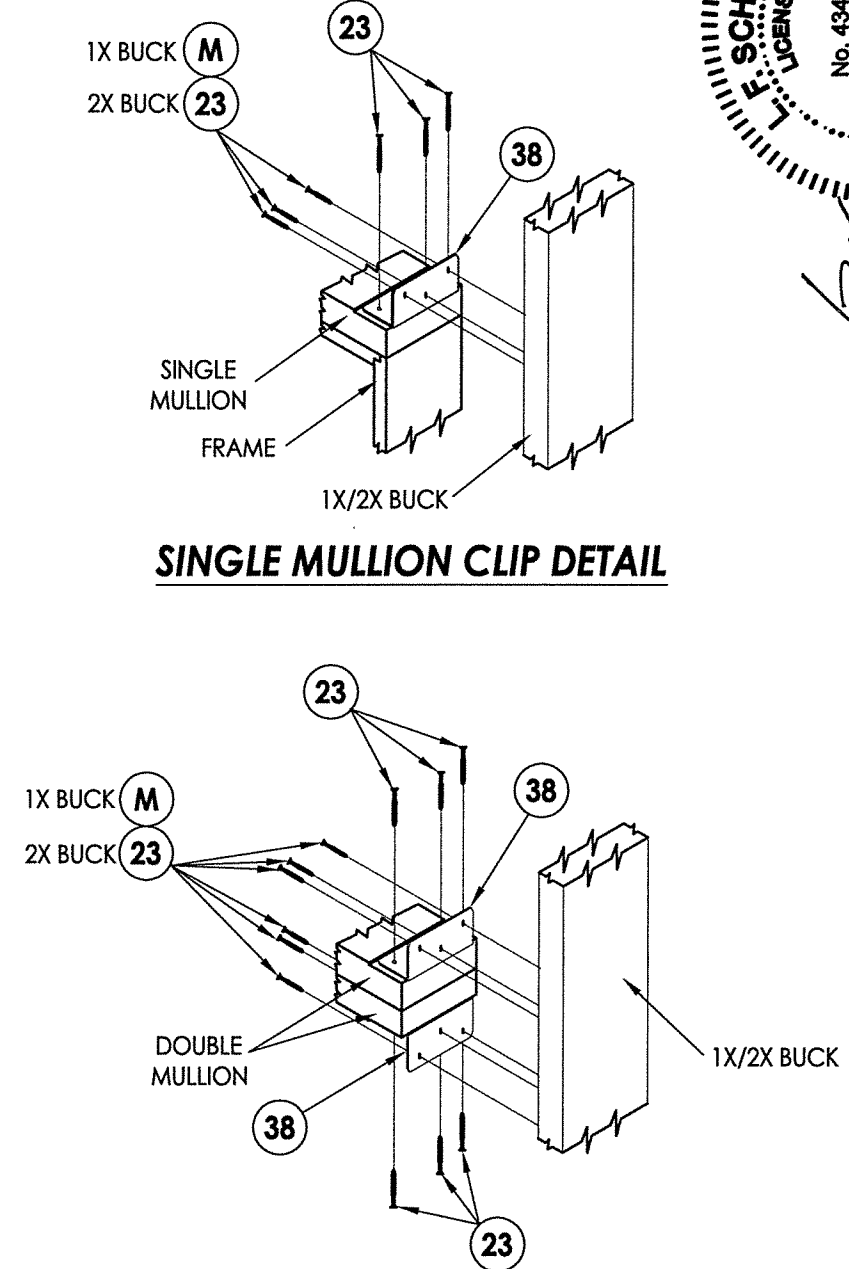
2X BUCK ANCHORING
O/X

NOTE:

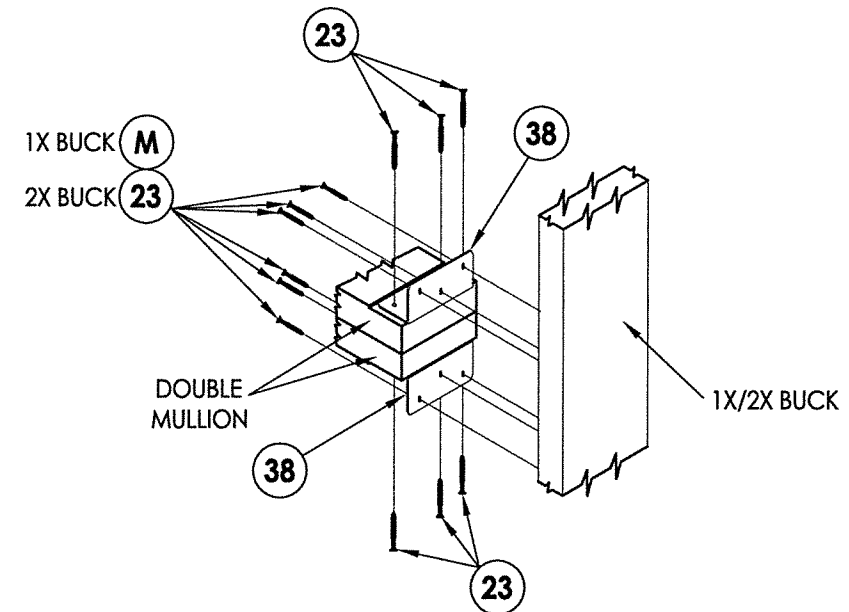
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH DEEP THREAD WOOD SCREWS @ SILL.



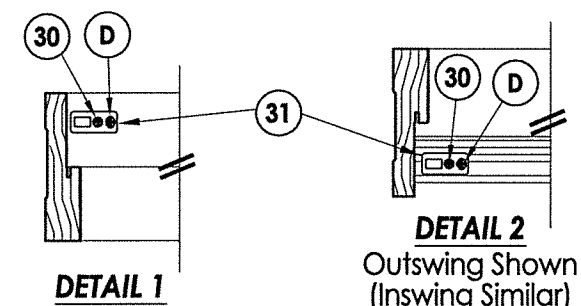
FRAME ANCHORING
O/X
(Shown w/ Single Mullion)



SINGLE MULLION CLIP DETAIL



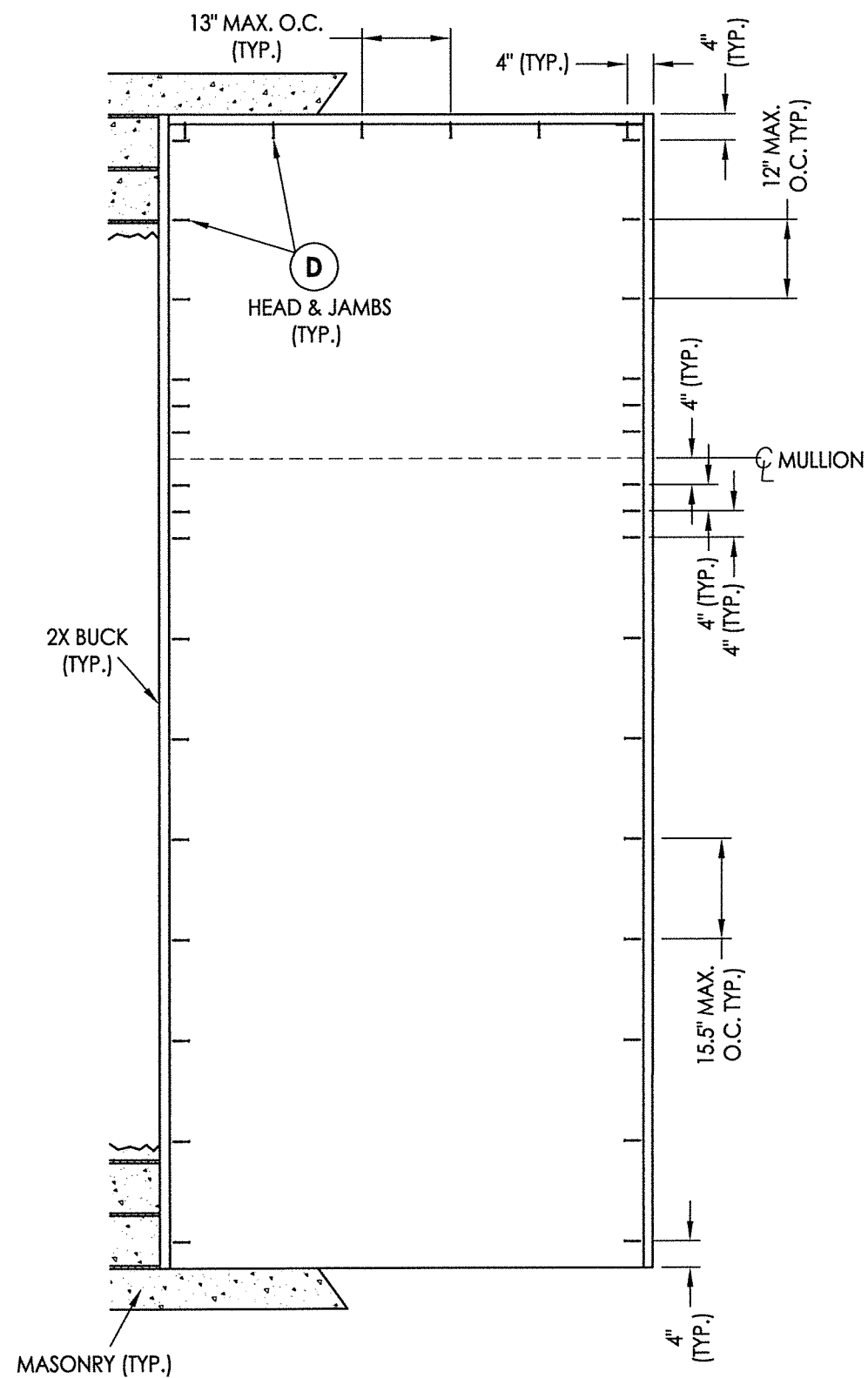
DOUBLE MULLION CLIP DETAIL



DETAIL 1

DETAIL 2
Outswing Shown
(Inswing Similar)

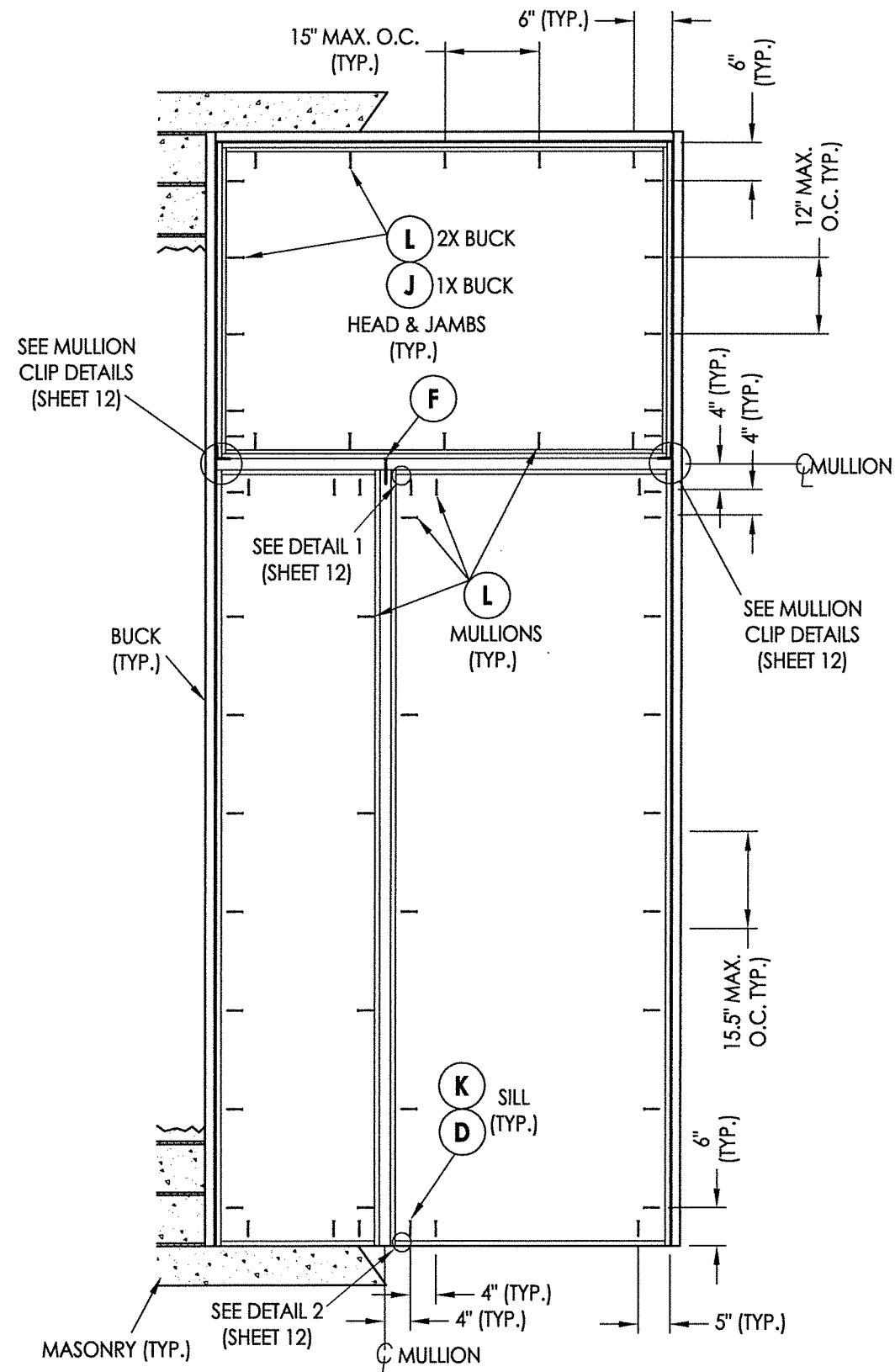
[illegible]



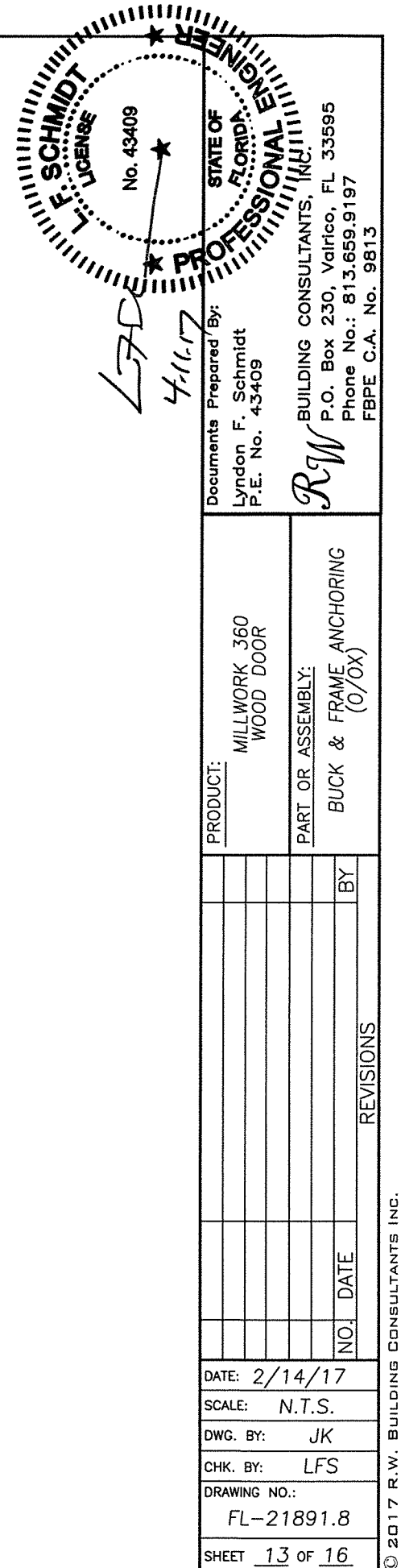
2X BUCK ANCHORING
O/OX Shown (O/XO - Similar)

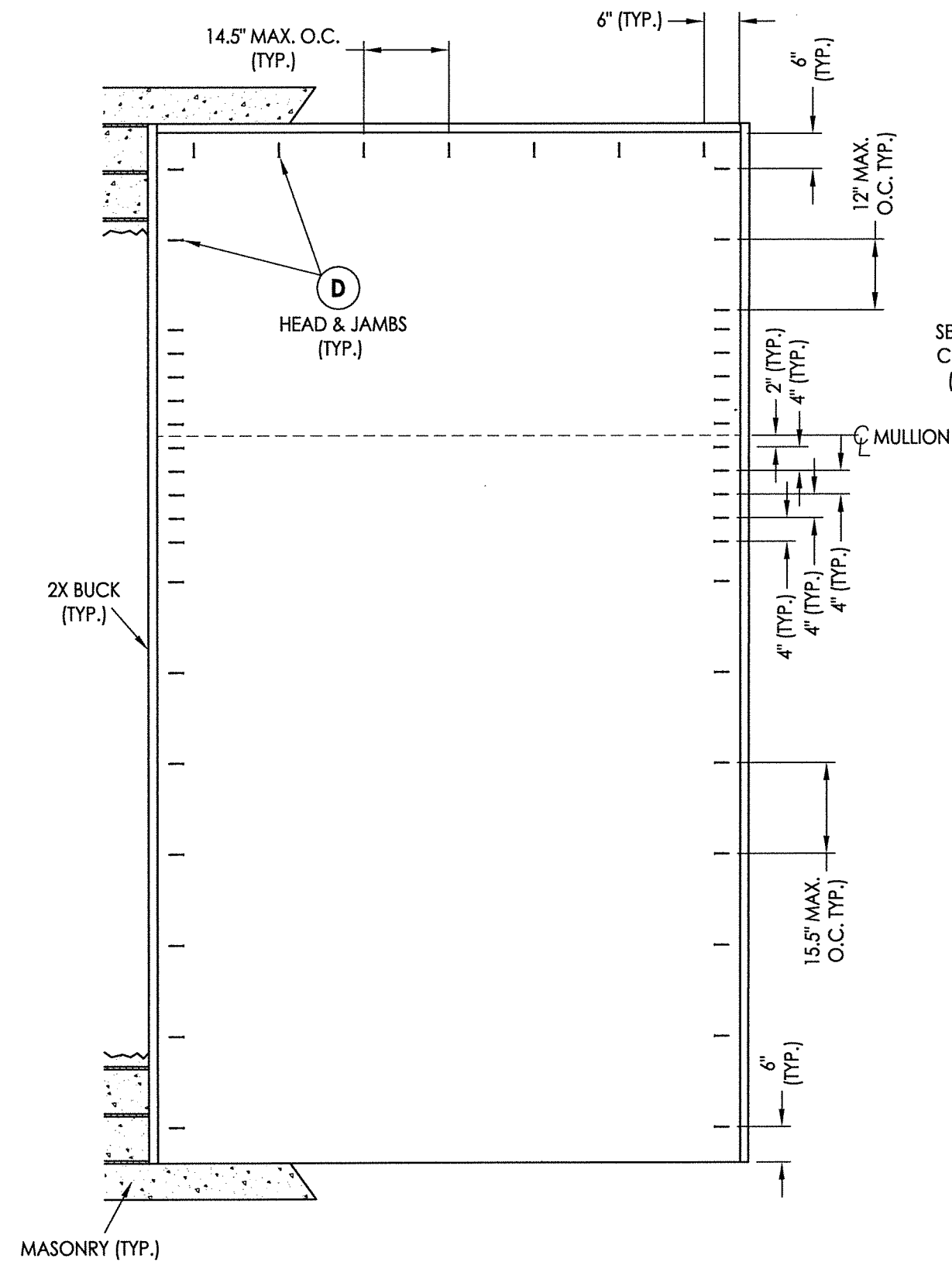
NOTE:

1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH DEEP THREAD WOOD SCREWS @ SILL.



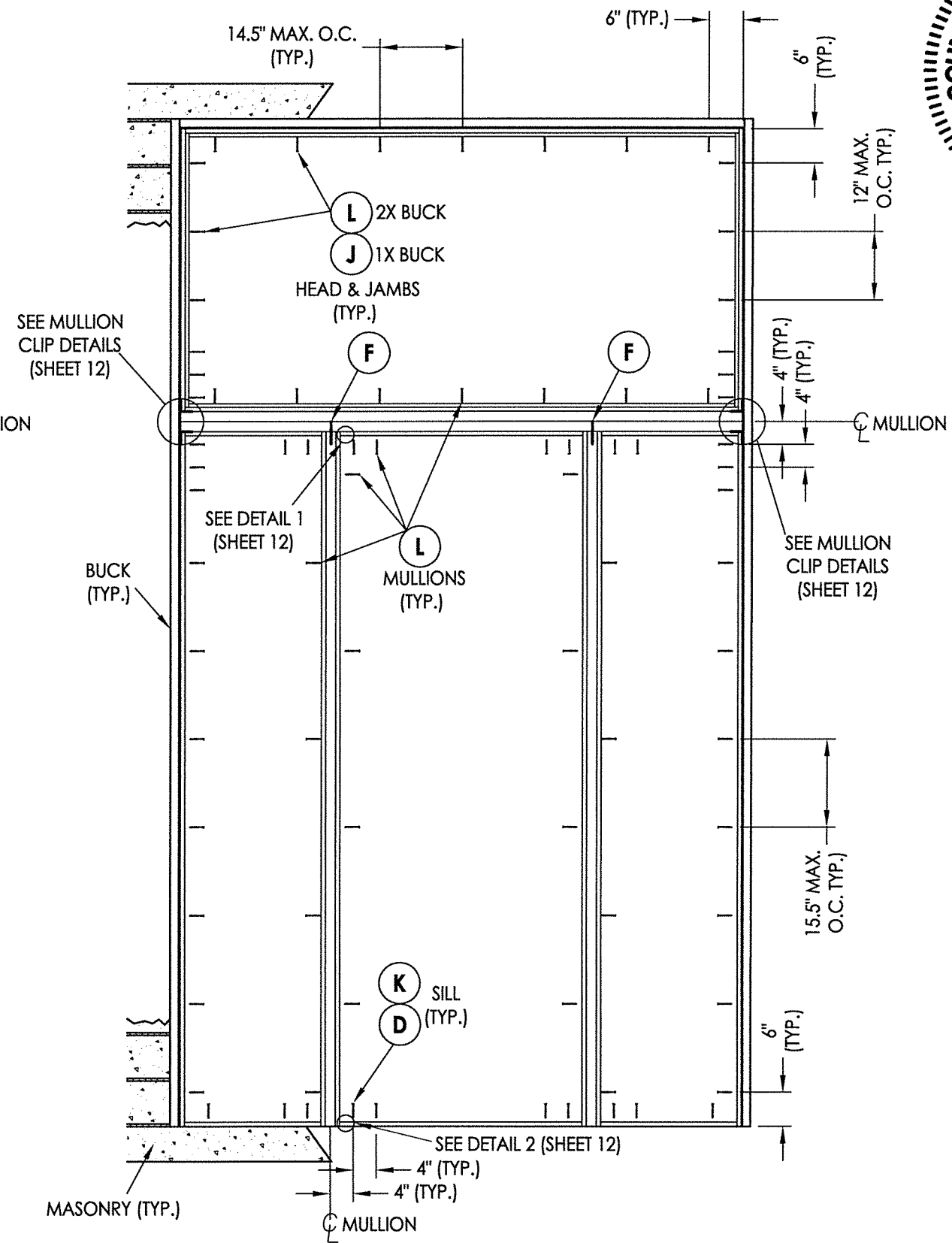
FRAME ANCHORING
O/OX Shown (O/XO - Similar)
(Shown w/ Single Mullion)





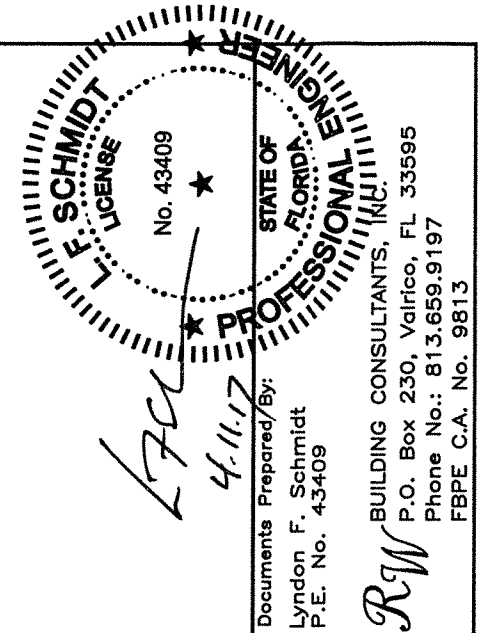
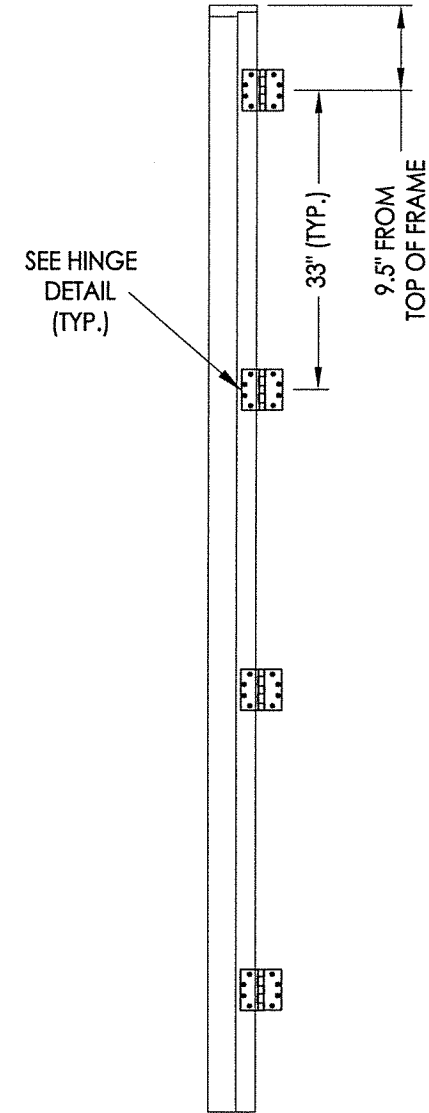
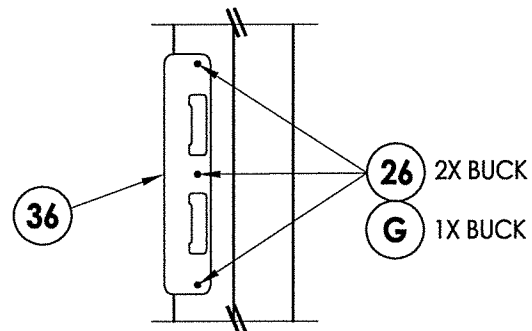
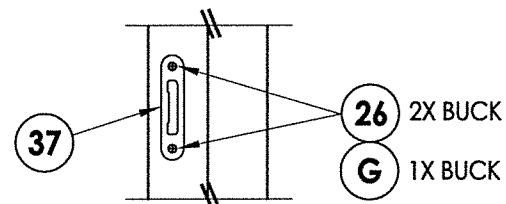
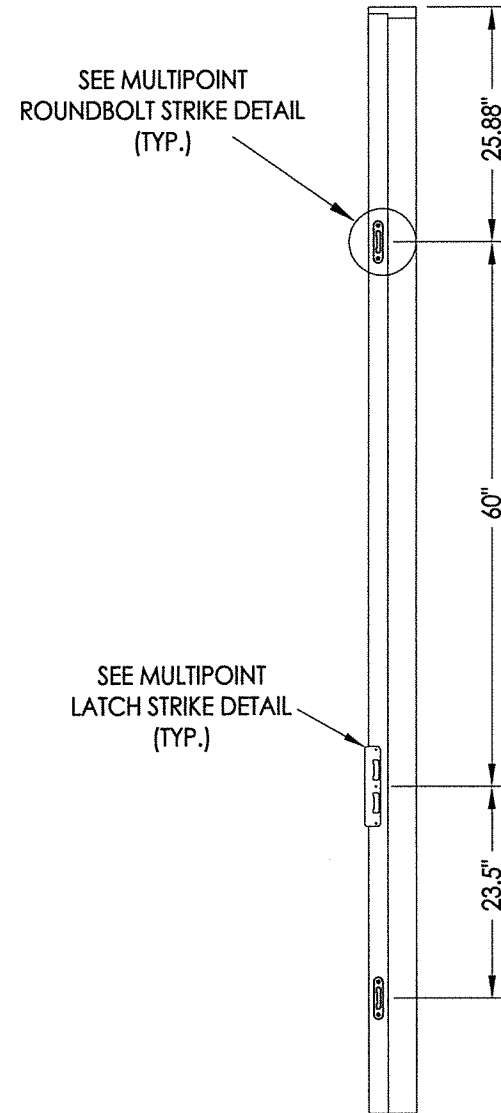
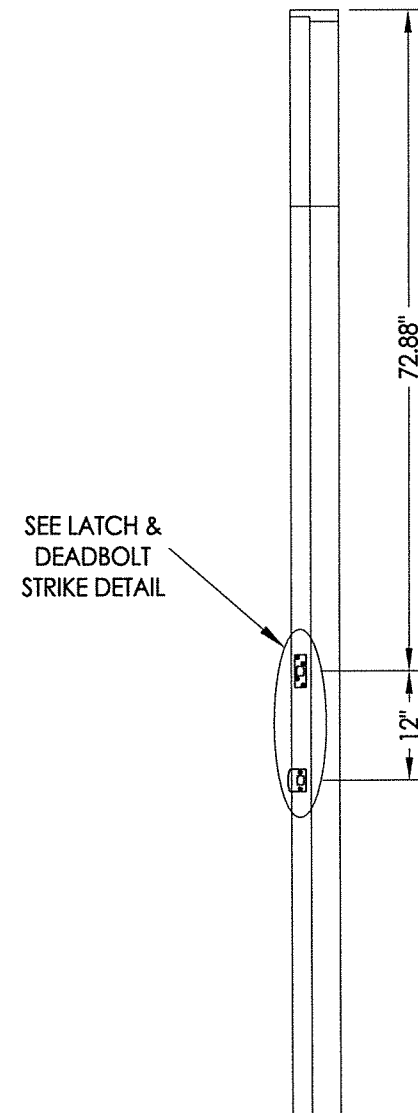
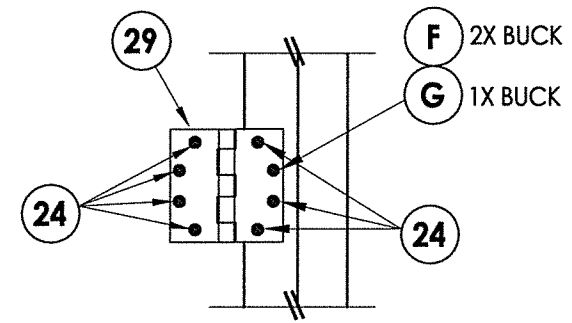
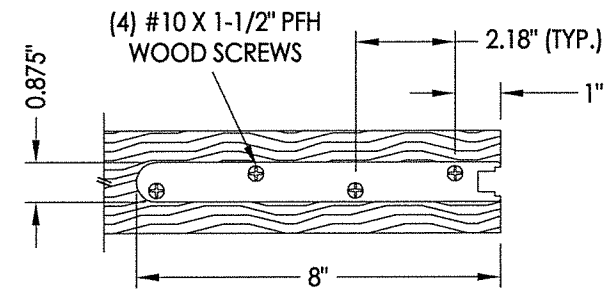
2X BUCK ANCHORING
O/OXO

NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 2-1/2" FH DEEP THREAD WOOD SCREWS @ SILL.



FRAME ANCHORING
O/OXO
(Shown w/ Double Mullion)

[illegible]



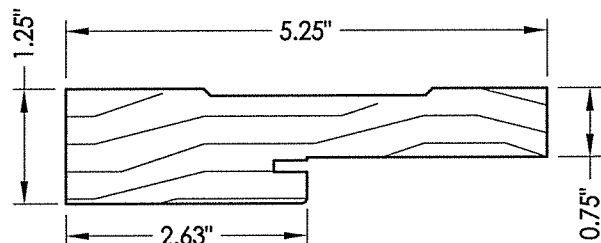
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PART OR ASSEMBLY: **HARDWARE DETAILS**

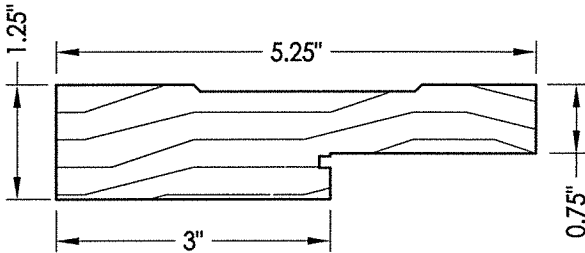
DATE:	2/14/17
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-21891.8
SHEET	<u>15</u> OF <u>16</u>

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO 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	#12 X 2-1/2" PFH WOOD SCREW	STEEL
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
K	1/4" X 1-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
L	#10 X 2-1/2" PFH WOOD SCREW (1.15" MIN. EMBEDMENT)	STEEL
M	3/16" X 2-1/4" PFH ITW CONCRETE SCREW	STEEL
1	JAMB (DOOR)	WOOD
2	JAMB (SIDELITE)	WOOD
3	JAMB (SIDELITE/TRANSOM - DIRECT SET)	WOOD
4	MULLION	LVL
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
14	OUTSWING THRESHOLD	ALUM/COMP
15	INSWING THRESHOLD	ALUM/COMP
16	ADA THRESHOLD	ALUM
22	#10 X 2" PFH WOOD SCREW	STEEL
23	#10 X 1-1/2" PFH WOOD SCREW	STEEL
24	#12 x 1" PFH WOOD SCREW	STEEL
25	#8 x 1-3/4" PFH WOOD SCREW	STEEL
26	#8 x 2-1/2" PFH WOOD SCREW	STEEL
27	LATCH STRIKE PLATE	STEEL
29	4.5" X 4.5" HINGE	STEEL
30	#8 x 3/4" FH SMS	STEEL
31	SHOOTBOLT STRIKE PLATE	STEEL
32	DEADBOLT SECURITY STRIKE PLATE	STEEL
36	MULTIPOINT STRIKE PLATE	STEEL
37	MULTIPOINT ROUND BOLT STRIKE DETAIL	STEEL
38	MULLION ANGLE CLIP (USP ML24-TZ)	STEEL
40	DOOR PANEL	WOOD
41	DOOR PANEL	WOOD
50	SIDELITE PANEL	WOOD
51	SIDELITE PANEL (DIRECT SET)	WOOD
70	TRANSOM PANEL	WOOD

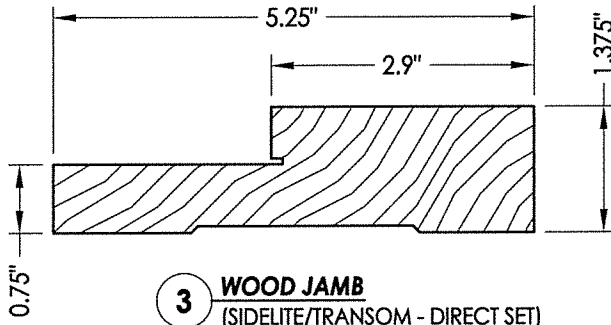
WOOD FRAME COMPONENTS: SIPO (UTILE) ($G = 0.53$)



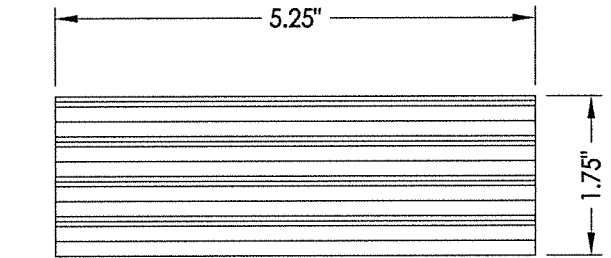
1 WOOD JAMB
(DOOR)



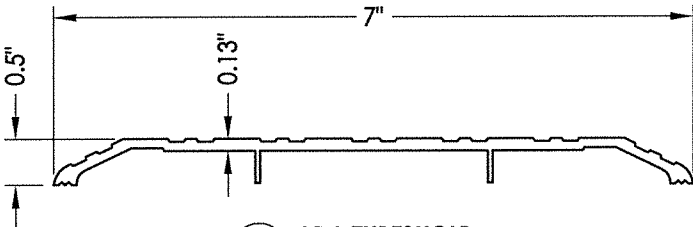
2 WOOD JAMB
(SIDELITE)



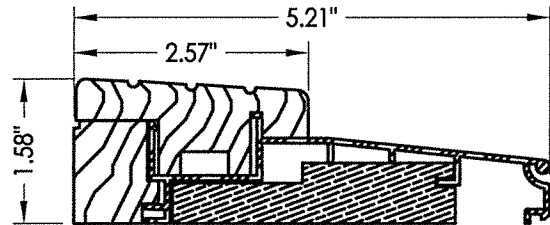
3 WOOD JAMB
(SIDELITE/TRANSOM - DIRECT SET)



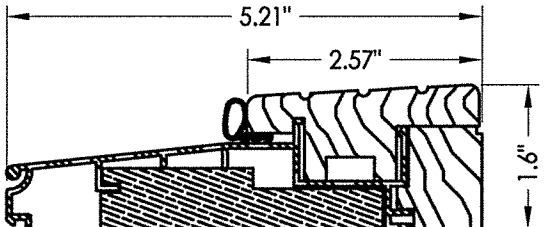
4 MULLION
VERSA-LAM® 3100 Fb-2.0E



16 ADA THRESHOLD



15 INSWING THRESHOLD WORLDWIDE



14 OUTSWING THRESHOLD WORLDWIDE

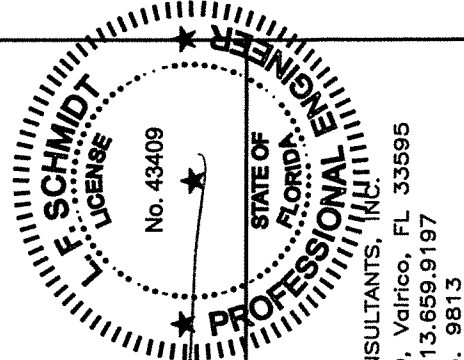
CONCRETE ANCHOR NOTES:

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"
ELCO 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

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

PRODUCT: MILLWORK 360
WOOD DOOR

PART OR ASSEMBLY:

REVISIONS

DATE: 2/14/17

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-21891.8

SHEET 16 OF 16