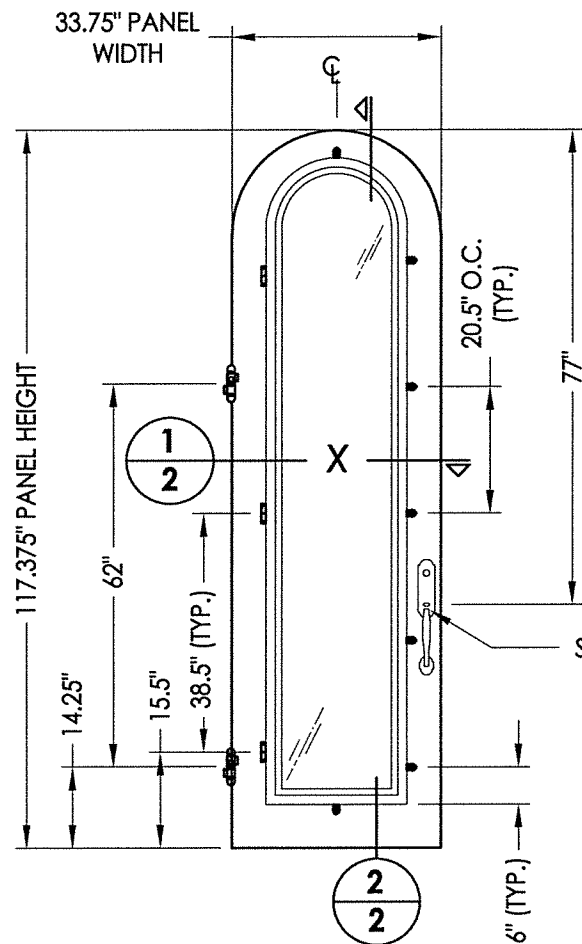
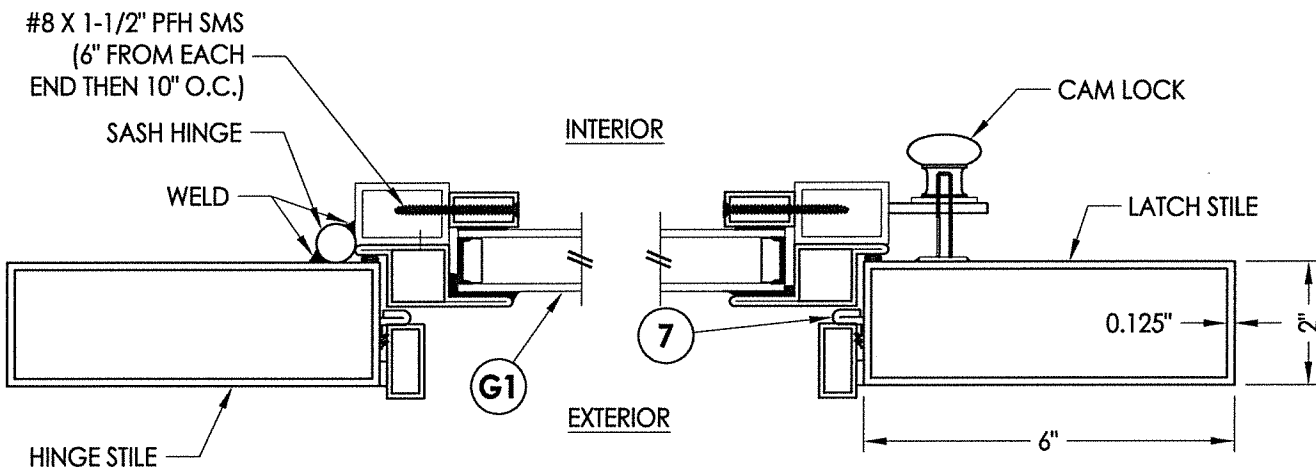


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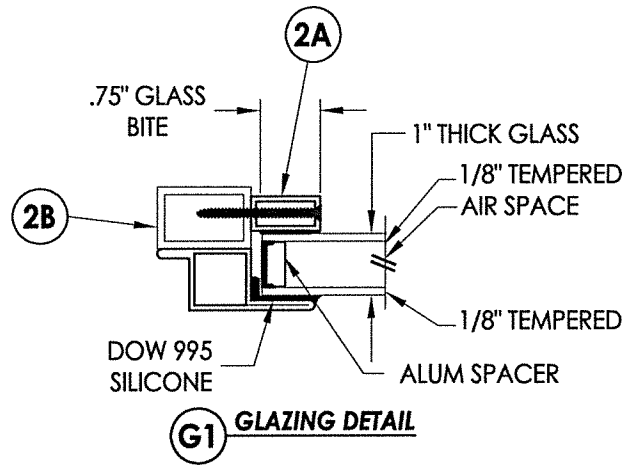


40 DOOR PANEL

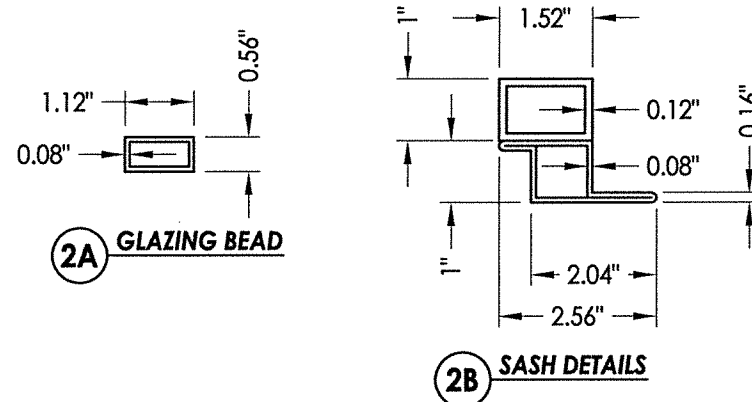
HARDWARE TABLE	
MANUFACTURER	MODEL
BALDWIN	HANDLESET (ESTATE SERIES)



1
2 HORIZONTAL CROSS SECTION

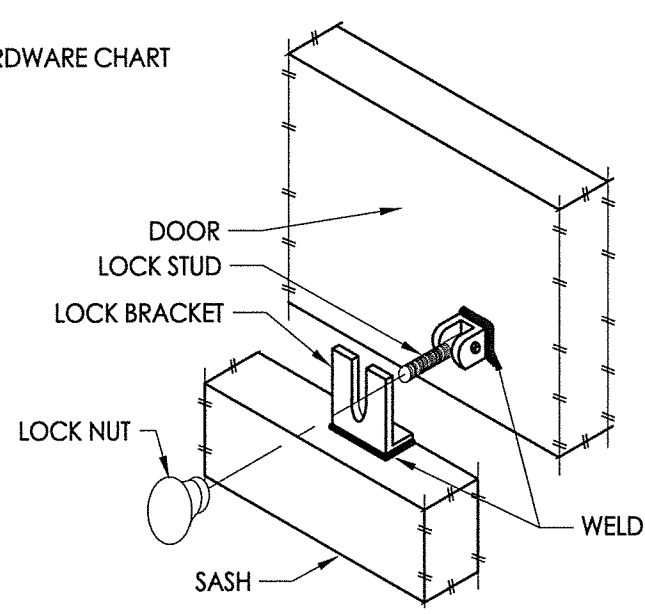


G1 GLAZING DETAIL

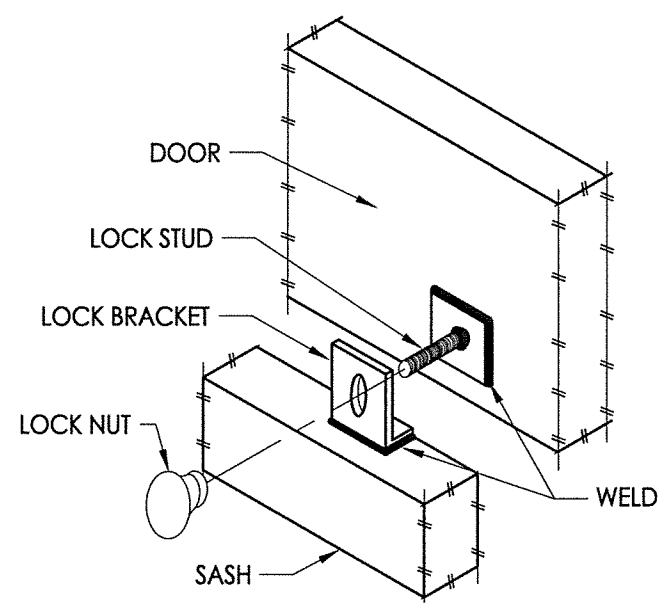


2A GLAZING BEAD

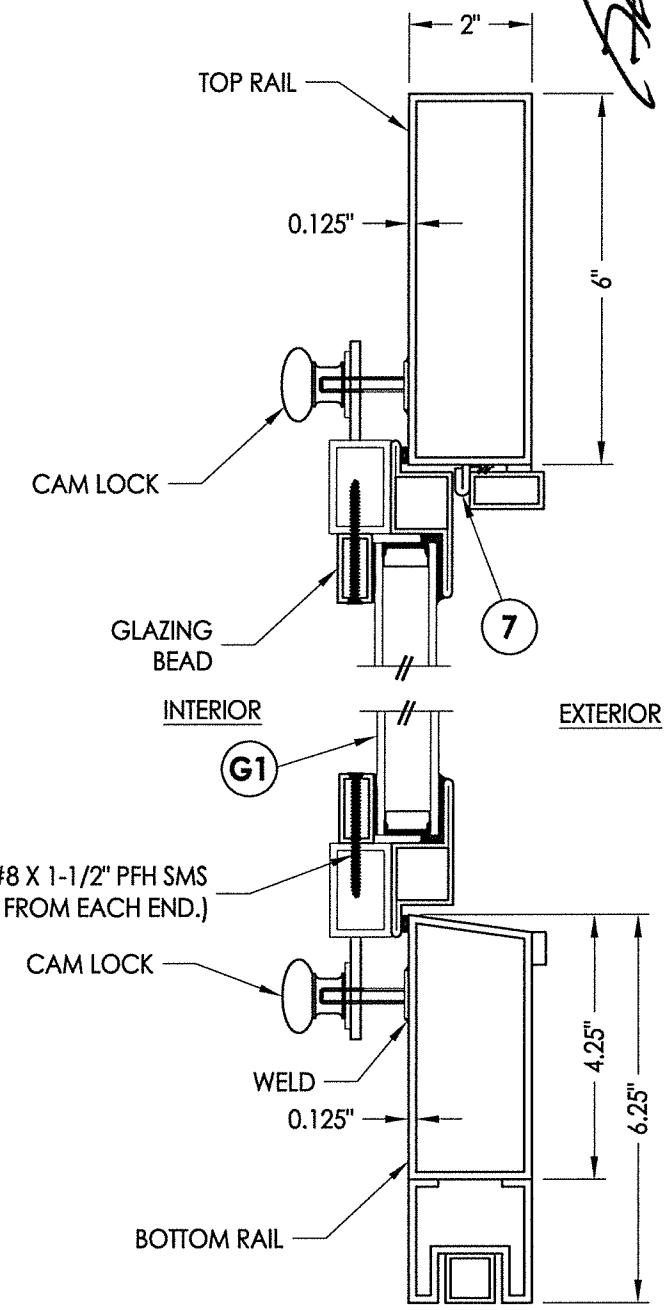
2B SASH DETAILS



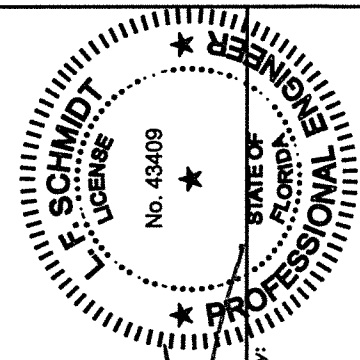
CAM LOCK DETAIL



SASH LOCK DETAIL
OPTIONAL



2
2 VERTICAL CROSS SECTION

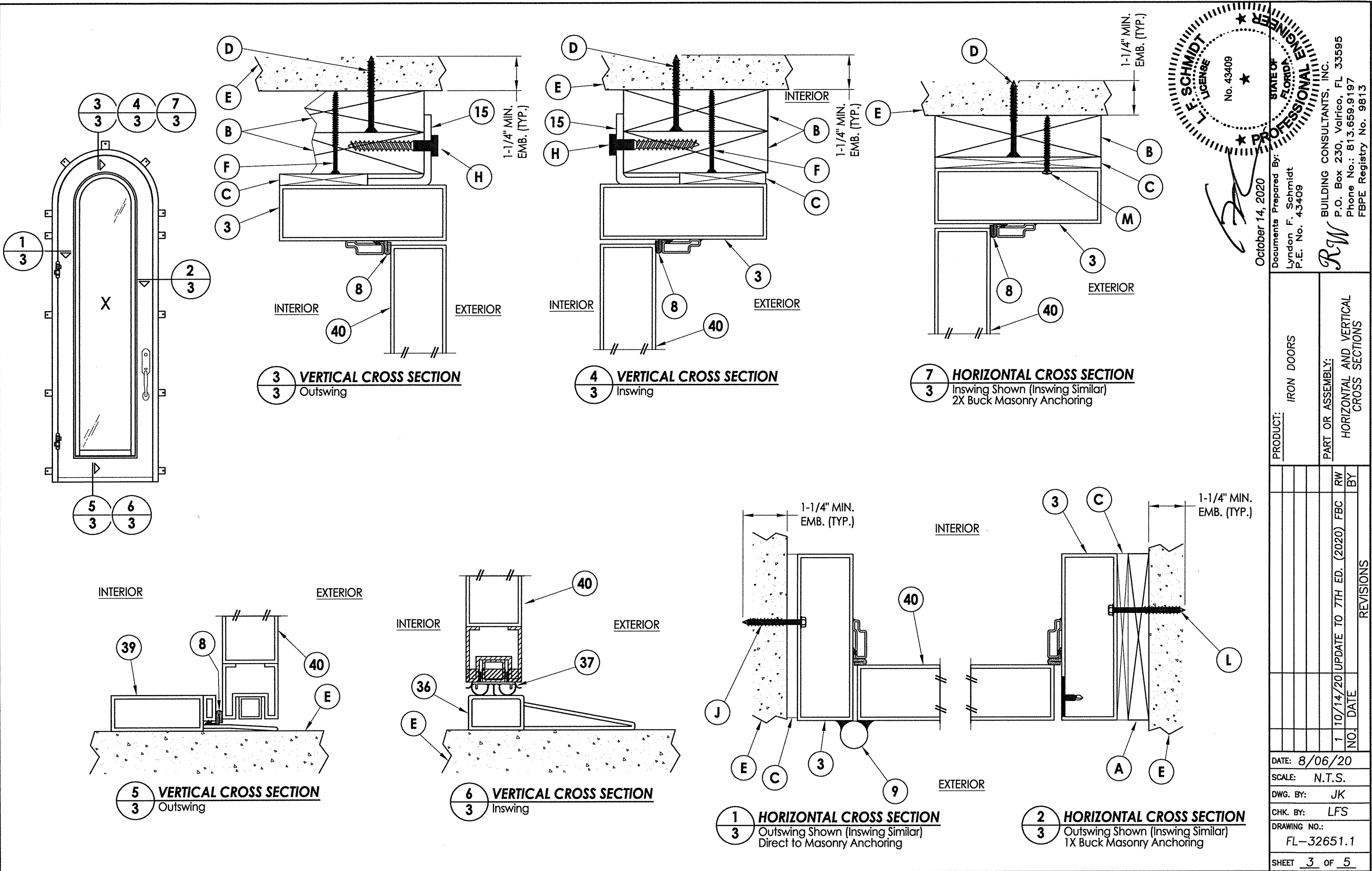


October 14, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

PRODUCT: IRON DOORS		PART OR ASSEMBLY: DOOR PANEL DETAILS & GLAZING DETAILS	
NO.	DATE	BY	REVISIONS
1	10/14/20	FBC	UPDATE TO 7TH ED. (2020)
DATE: 8/06/20			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-32651.1			
SHEET 2 OF 5			

\\dc01\rvbc\Clients\Portal Elegance\A - Florida Product Approvals\FL-32651\2020\Drawings\FL-32651\1-4.dwg



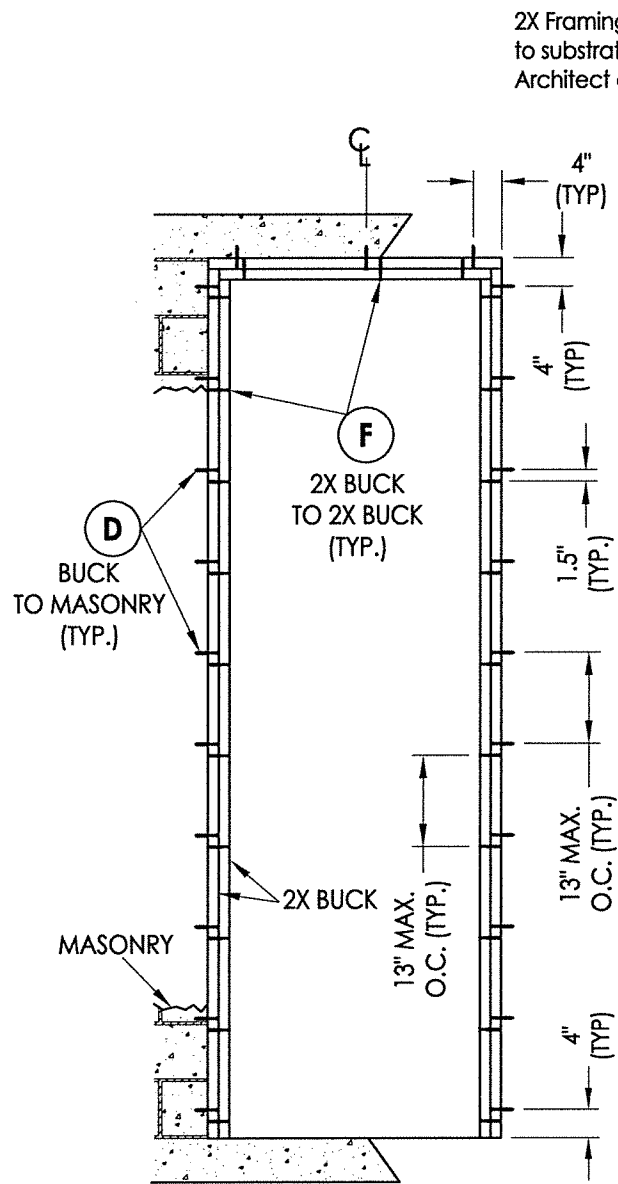
SCHMIDT
F. LICENSE
No. 43409
★
STATE OF FLORIDA
PROFESSIONAL ENGINEER

October 14, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

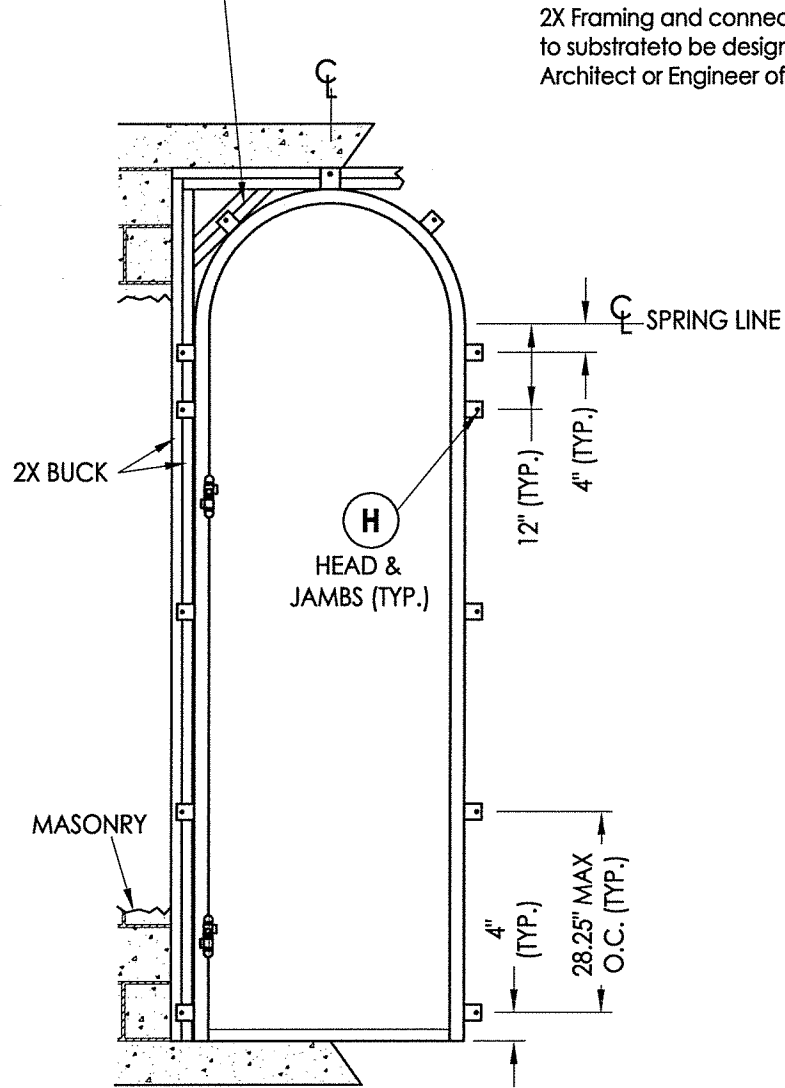
PRODUCT: IRON DOORS		PART OR ASSEMBLY: HORIZONTAL AND VERTICAL CROSS SECTIONS	
NO.	DATE	BY	REVISIONS
1	10/14/20	FBC	UPDATE TO 7TH ED. (2020)
2	8/06/20	RW	
3		JK	
4		LFS	
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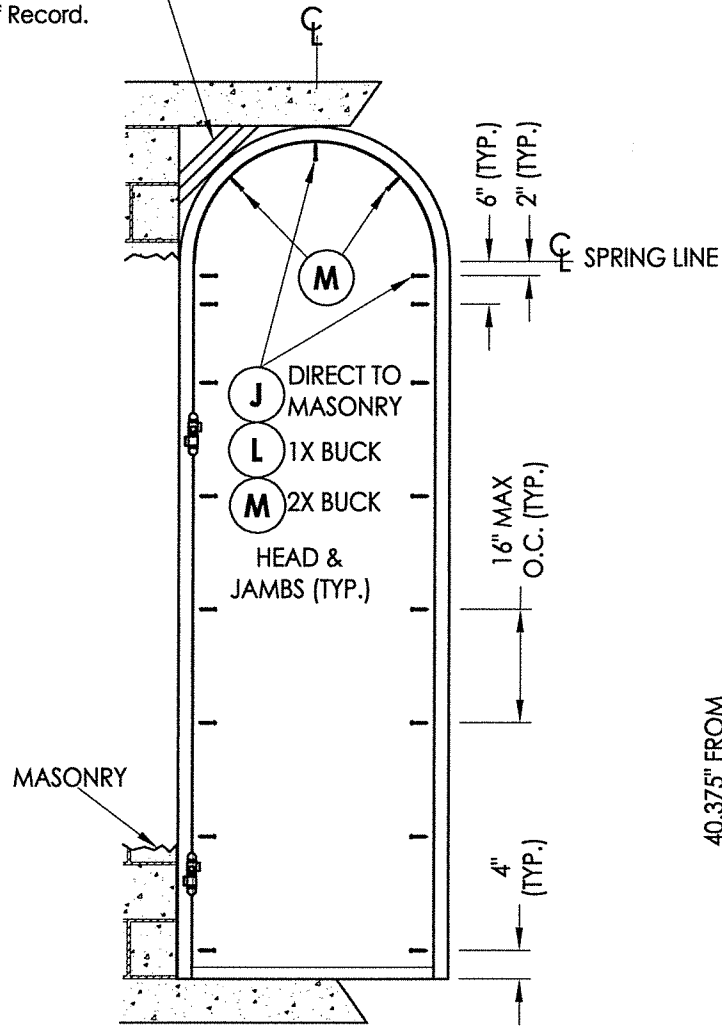
BUCK ANCHORING
Double Buck Shown
(Single Buck Similar)

2X Framing and connection
to substrate to be designed by
Architect or Engineer of Record.

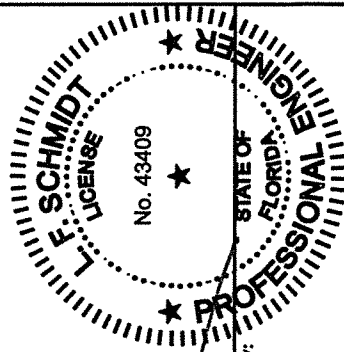
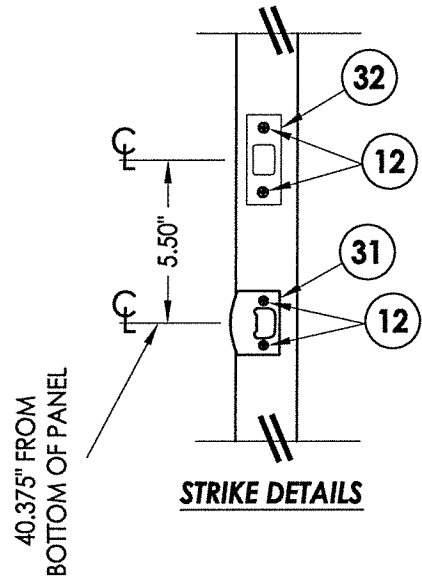


FRAME ANCHORING
Stud Construction

2X Framing and connection
to substrate to be designed by
Architect or Engineer of Record.



FRAME ANCHORING
Direct to Masonry, 2X Buck, 1X Buck
Thru-the-Frame Anchoring



October 14, 2020

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

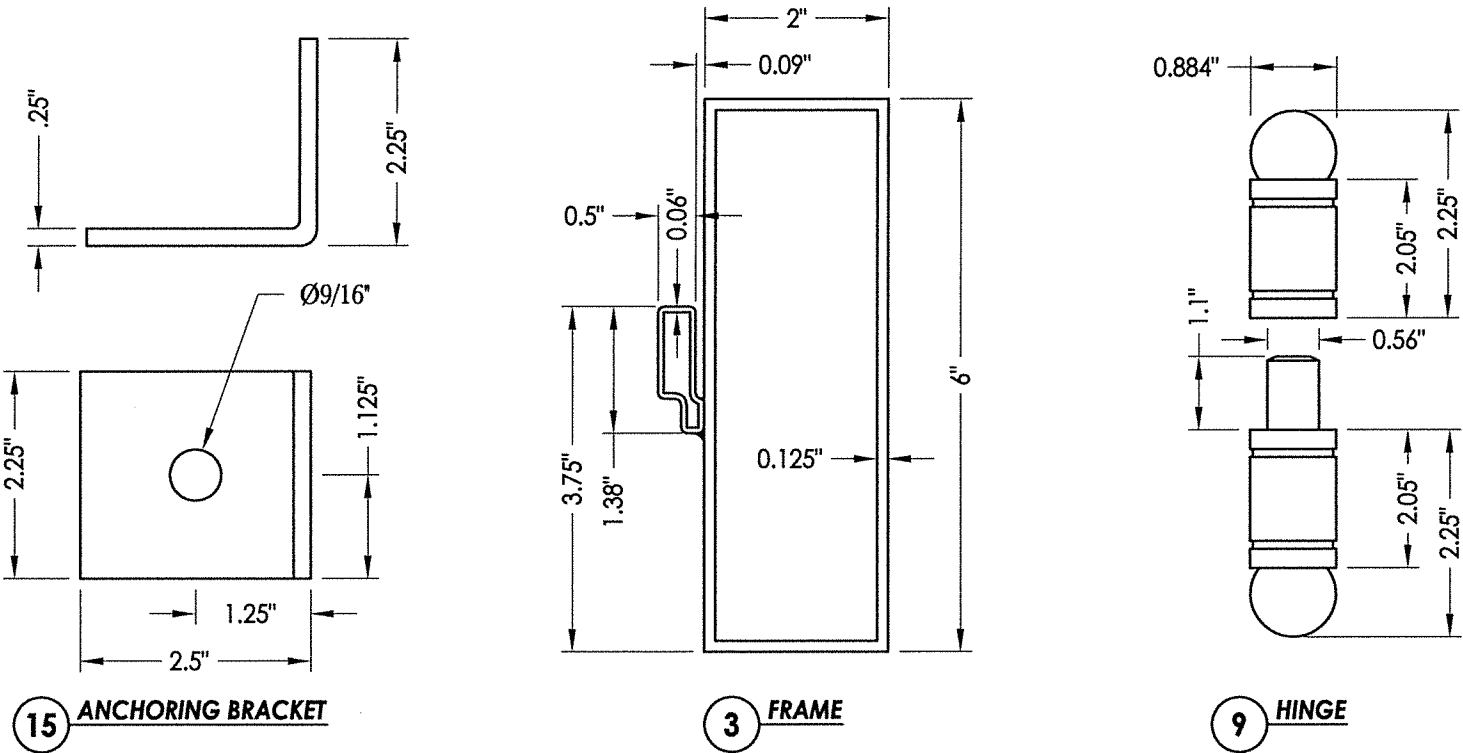
RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

PRODUCT: IRON DOORS		PART OR ASSEMBLY: BUCK & FRAME ANCHORING	
DATE: 8/06/20		NO. DATE	
SCALE: N.T.S.		1 10/14/20 UPDATE TO 7TH ED. (2020) FBC	
DWG. BY: JK		RW BY	
CHK. BY: LFS		REVISIONS	
DRAWING NO.: FL-32651.1			
SHEET 4 OF 5			

\\dc01\wbc\Clients\Portal Elegance\A - Florida Product Approvals\FL-32651\C - Drawings\FL-32651.1-4.dwg

BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.55)	WOOD
B	2X BUCK (SG >= 0.55)	WOOD
C	3/8" 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 ACI301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 3" PFH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
H	3/8" X 3" HWH LAG SCREW (2-1/2" MIN. EMBEDMENT)	STEEL
J	1/4" X 1-3/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
L	1/4" X 2-3/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
M	#12 X 2" PH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
3	FRAME	STEEL
4	GLAZING BEAD	STEEL
5	#8 X 1-1/4" PFH SELF-DRILLING SMS	STEEL
7	WEATHERSTRIP GASKET (.5")	FOAM
8	WEATHERSTRIP GASKET (.67")	FOAM
9	DOOR HINGE	STEEL
12	#8 X 3/4" PFH SELF-DRILLING SMS	STEEL
15	ANCHORING BRACKET	STEEL
31	LATCH STRIKE PLATE	STEEL
32	DEADBOLT STRIKE PLATE	STEEL
36	THRESHOLD	STEEL
37	DOOR SWEEP	-
39	THRESHOLD	STEEL
40	DOOR PANEL	STEEL

All Door Component Steel: ASTM A36



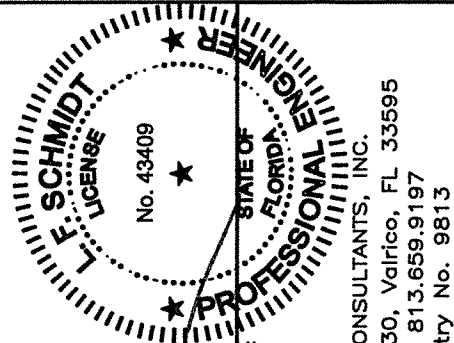
CONCRETE ANCHOR NOTES:

- 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"	2-1/2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	4"

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.



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

PRODUCT: IRON DOORS

PART OR ASSEMBLY:
BILL OF MATERIALS &
COMPONENTS

DATE: 8/06/20

SCALE: N.T.S.

DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL - 32651.1

SHEET 5 OF 5

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