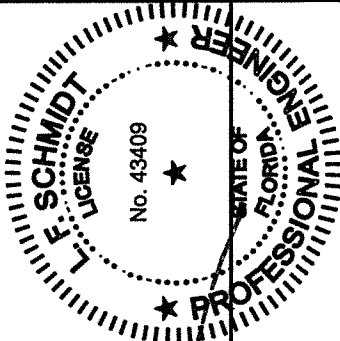
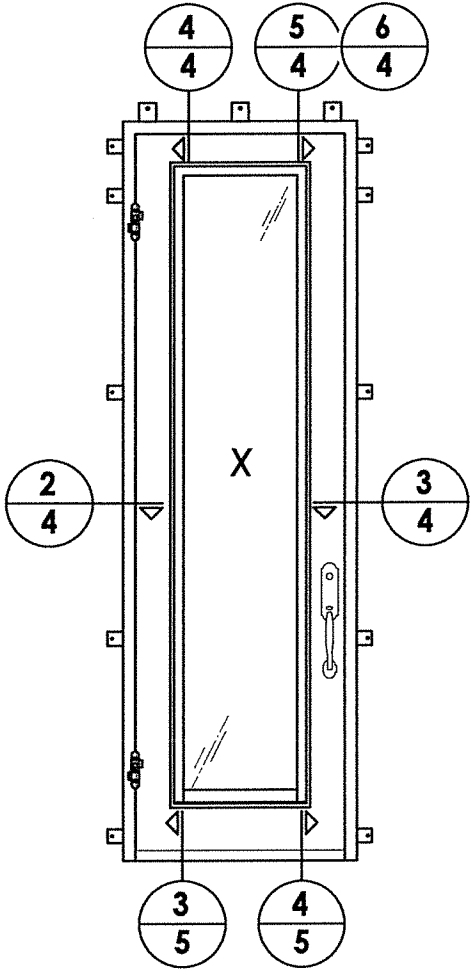
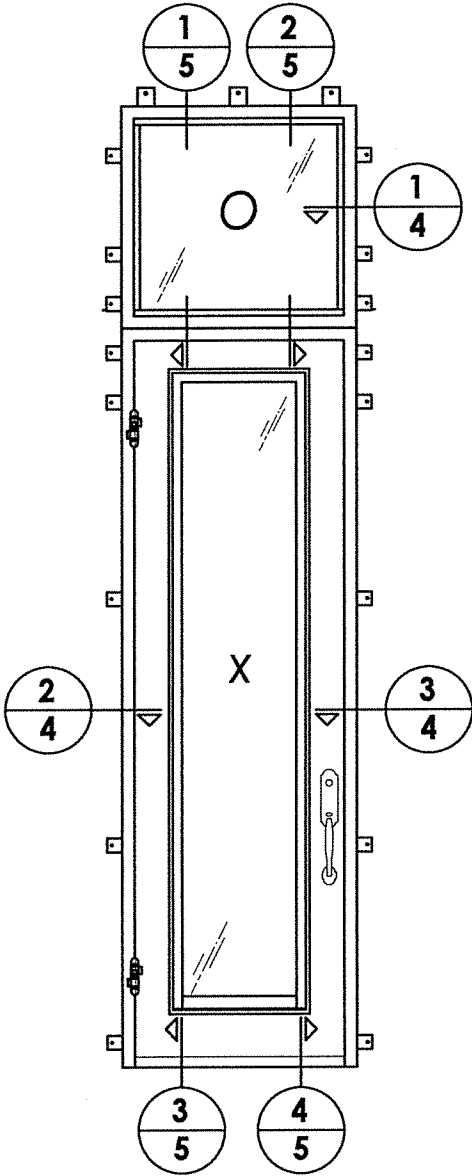




DATE: 8/06/20		PRODUCT: IRON DOORS	
SCALE: N.T.S.		PART OR ASSEMBLY: TYPICAL ELEVATIONS, DESIGN PRESSURES & GENERAL NOTES	
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-32651.2			
SHEET 1 OF 8			

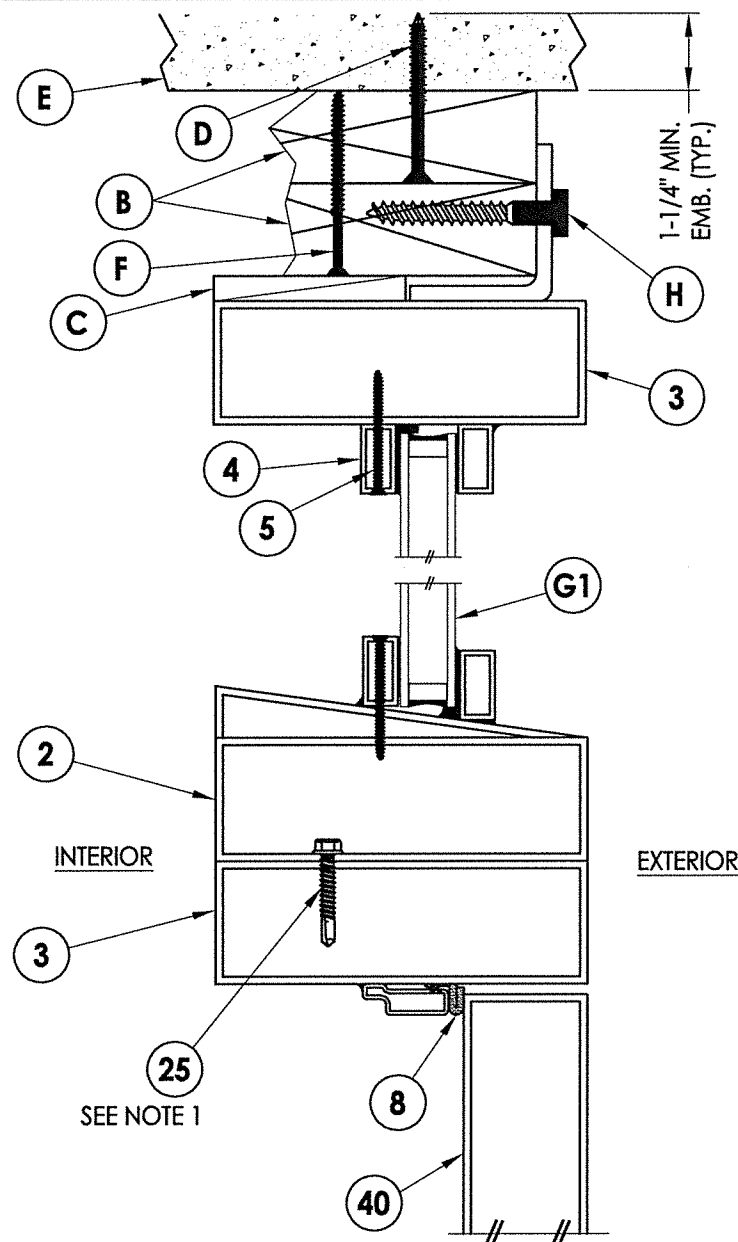
\\dc01\wbc\Clients\Portal Elegance\A - Florida Product Approvals\FL-32651\C - Drawings\FL-32651 (2020)\FL-32651.1-4.dwg



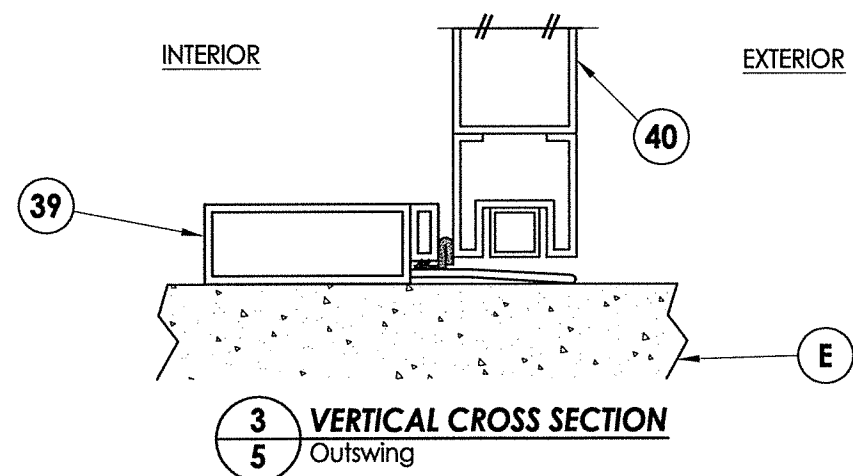
October 14, 2020
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

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

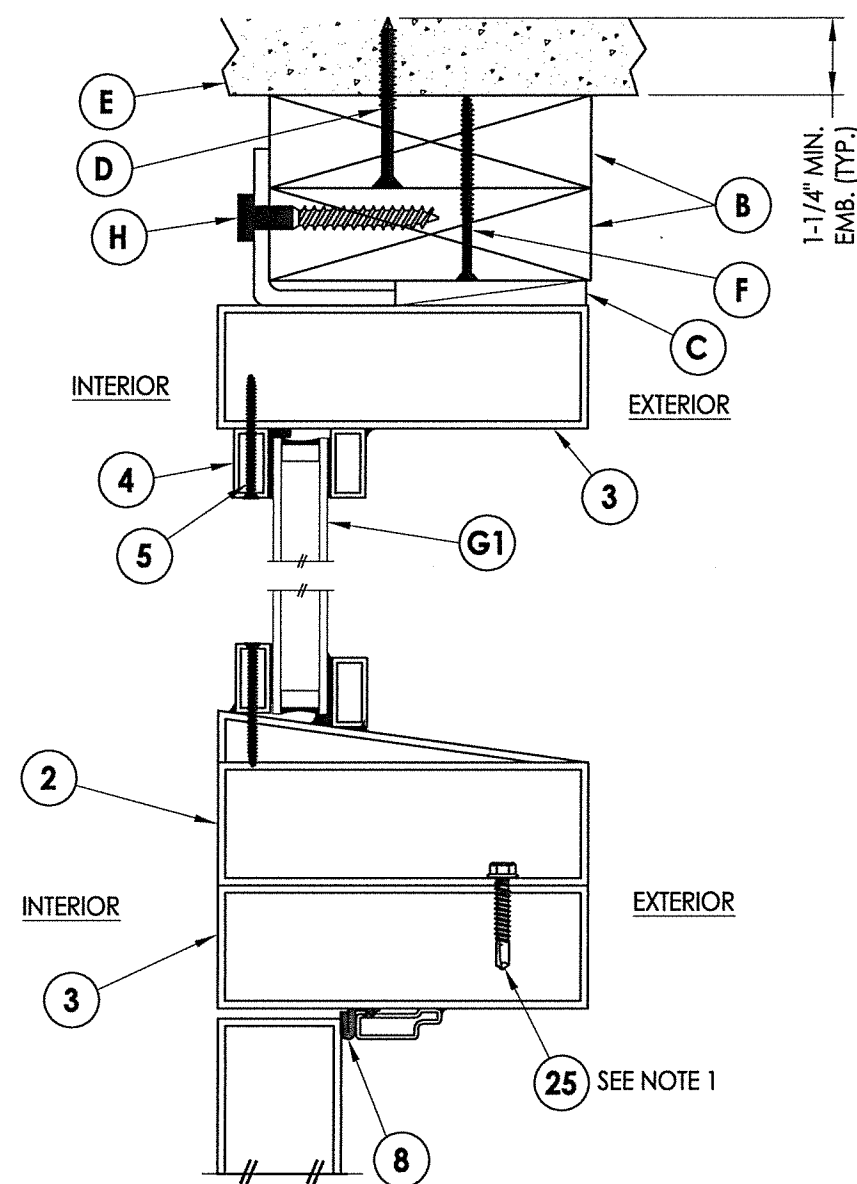
PRODUCT:		IRON DOORS	
PART OR ASSEMBLY:		ELEVATIONS	



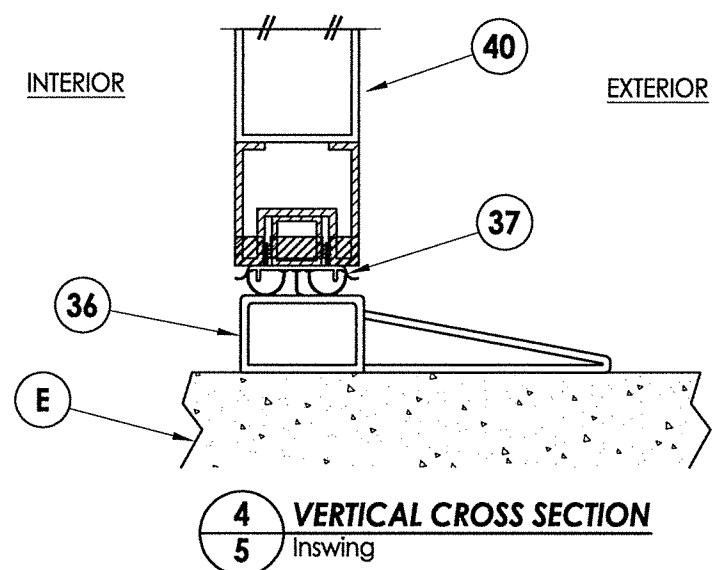
1 VERTICAL CROSS SECTION
5 Outswing



3 VERTICAL CROSS SECTION
5 Outswing



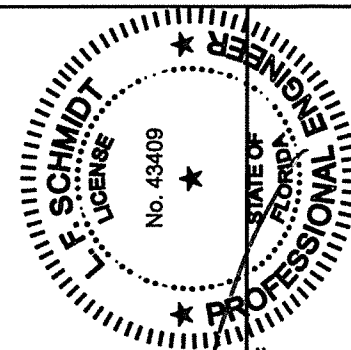
2 **VERTICAL CROSS SECTION**
5 Inswing



4 VERTICAL CROSS SECTION
5 Inswing

NOTE :

1. Item #35 location: 4" from each and (2) more equally spaced (4 total).



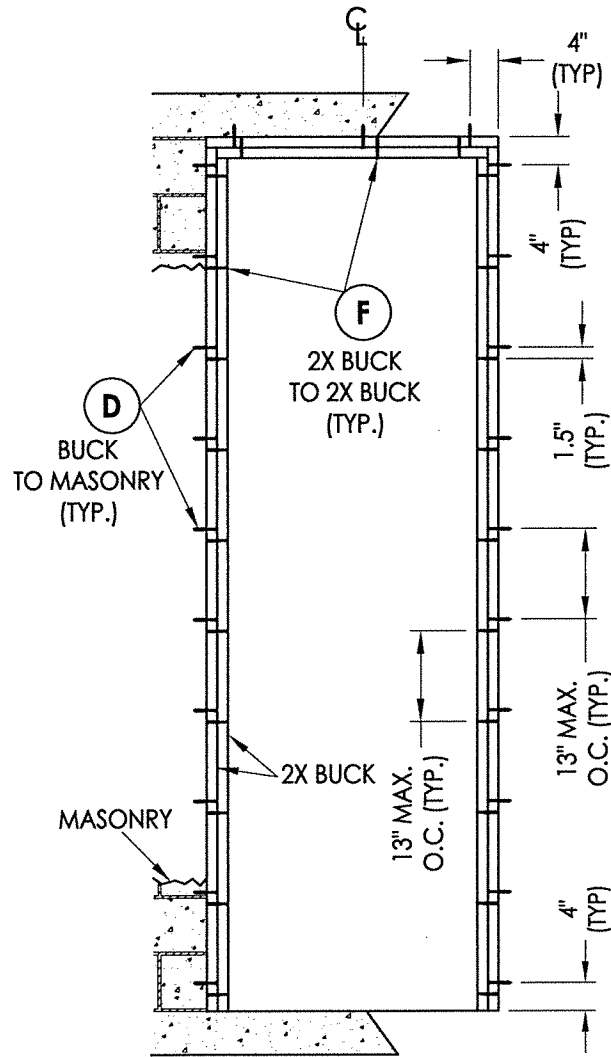
October 14, 2020

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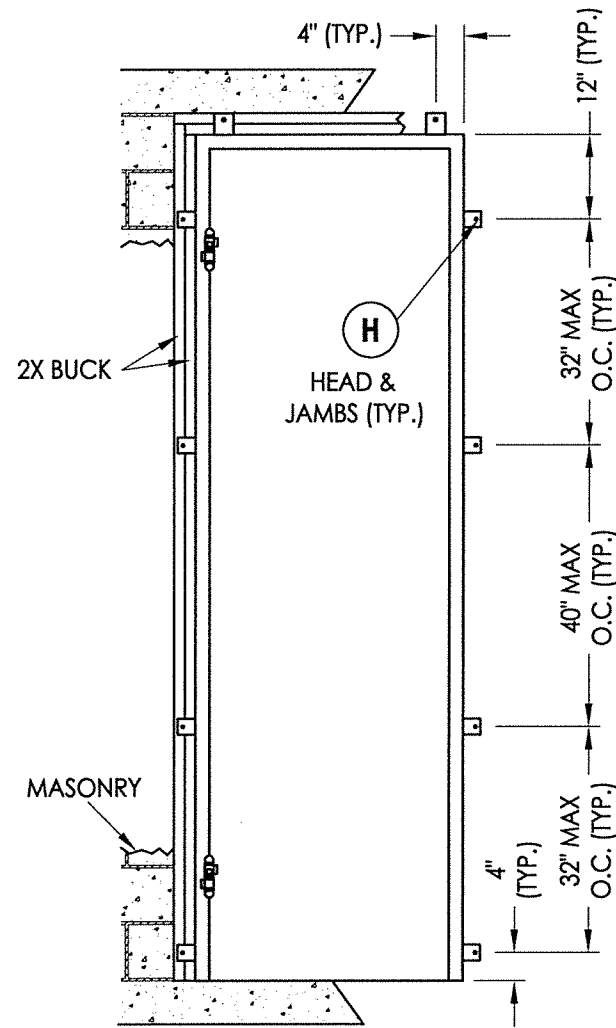
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

[illegible]

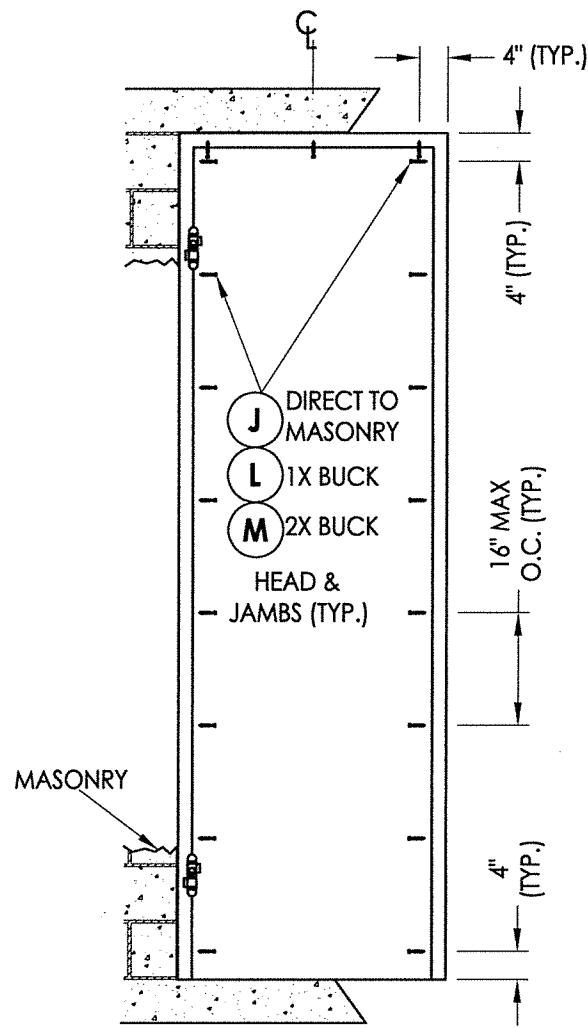
\\dc01\pwb\clients\Portal Elegance\A - Florida Product Approvals\FL-32651\C - Drawings\FL-32651 (2020)\FL-32651.1-4.dwg



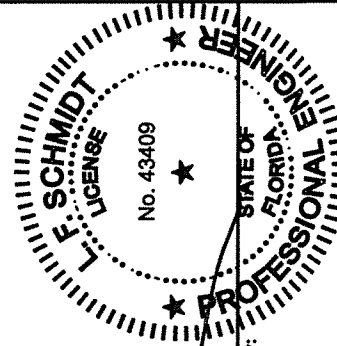
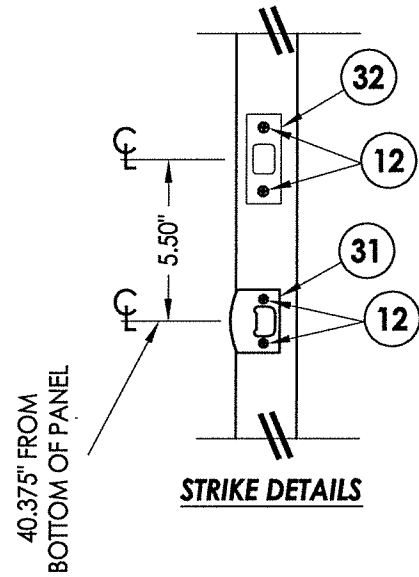
BUCK ANCHORING
Double Buck Shown
(Single Buck Similar)



FRAME ANCHORING
Stud Construction
Anchor Bracket



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



October 14, 2020
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FBPE Registry No. 9813

PRODUCT: IRON DOORS		PART OR ASSEMBLY: BUCK & FRAME ANCHORING (X)	
DATE: 8/06/20	SCALE: N.T.S.	DWG. BY: JK	CHK. BY: LFS
DRAWING NO.: FL-32651.2	REVISIONS		
SHEET 6 OF 8			

\\dc01\vwbc\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	STEEL
G	1/4" X 1-3/4" PFH DeWALT OR ITW CONCRETE SCREW	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 3-1/4" HWH DeWALT OR ITW CONCRETE SCREW	STEEL
M	#12 X 2" PH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
2	TRANSOM SILL	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
25	#10 X 1-1/2" HWH SELF-DRILLING SMS	STEEL
31	LATCH STRIKE PLATE	STEEL
32	DEADBOLT STRIKE PLATE	STEEL
35	ASTRAGAL	STEEL
36	THRESHOLD	STEEL
37	DOOR SWEEP	PVC
39	THRESHOLD	STEEL
40	DOOR PANEL	STEEL

All Door Component Steel: ASTM A36

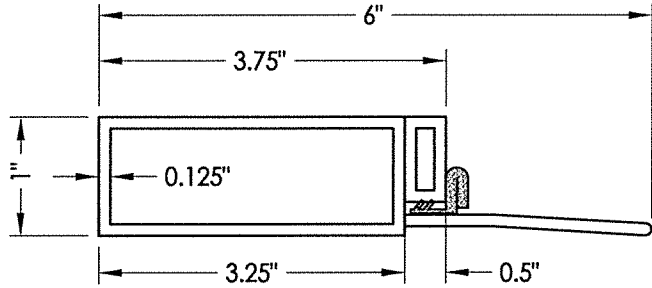
CONCRETE ANCHOR NOTES:

- 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:

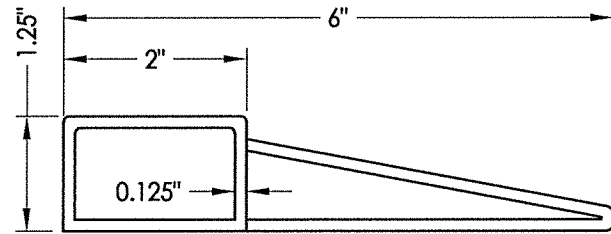
ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2-1/2"	4"
DeWALT ULTRACON®	1/4"	1-1/4"	2-1/2"	4"

WOOD SCREW INSTALLATION NOTES:

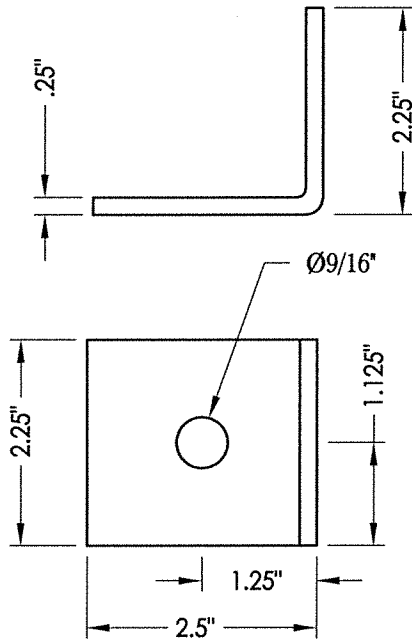
Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



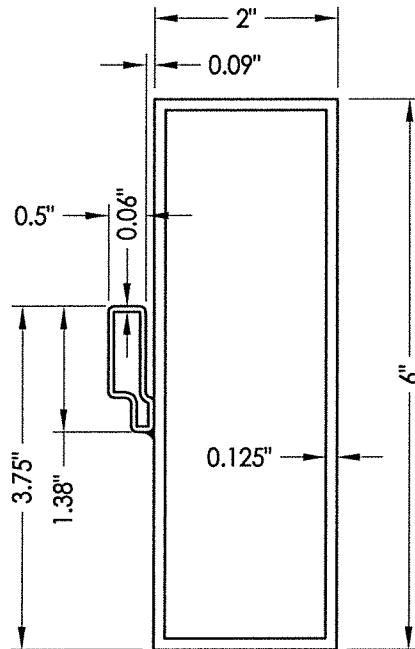
39 THRESHOLD
Outswing



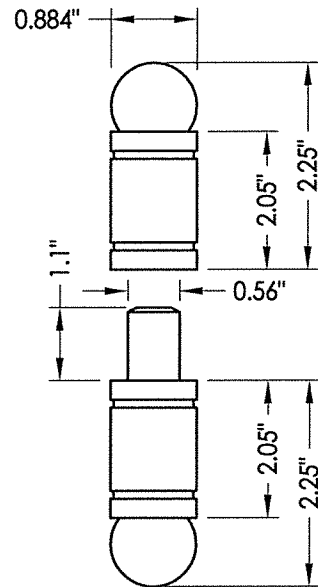
36 THRESHOLD
Inswing



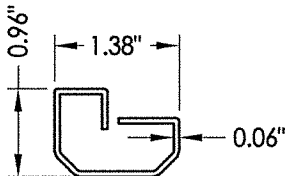
15 ANCHORING BRACKET



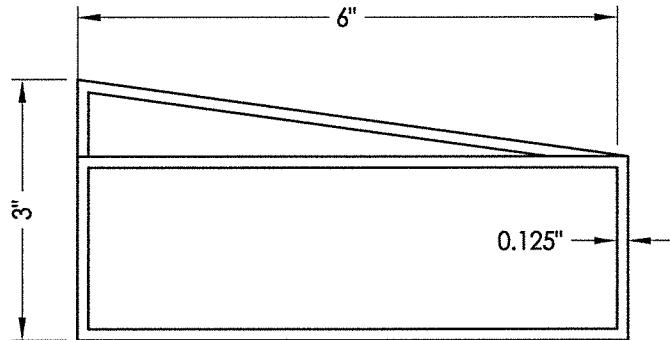
3 FRAME



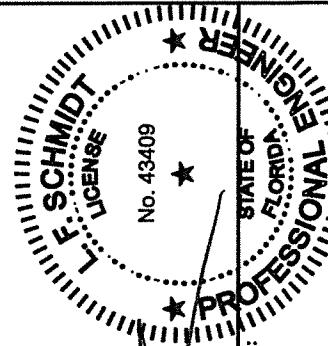
9 HINGE



35 ASTRAGAL



2 TRANSOM SILL



October 14, 2020

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

PRODUCT: IRON DOORS		PART OR ASSEMBLY: BILL OF MATERIALS & COMPONENTS	
NO.	DATE	FW	BY
1	10/14/20	UPDATE TO 7TH ED. (2020)	FBC
REVISIONS			
DATE: 8/06/20			
SCALE: N.T.S.			
DWG. BY: JK			
CHK. BY: LFS			
DRAWING NO.: FL-32651.2			
SHEET 8 OF 8			

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