

INTERNATIONAL WOOD TRADE

WOOD GLAZED OR OPAQUE ARCH TOP DOUBLE DOOR

INSWING/OUTSWING "NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 5th Edition (2014) 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 Section 1609.1.2 of the FBC.
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.

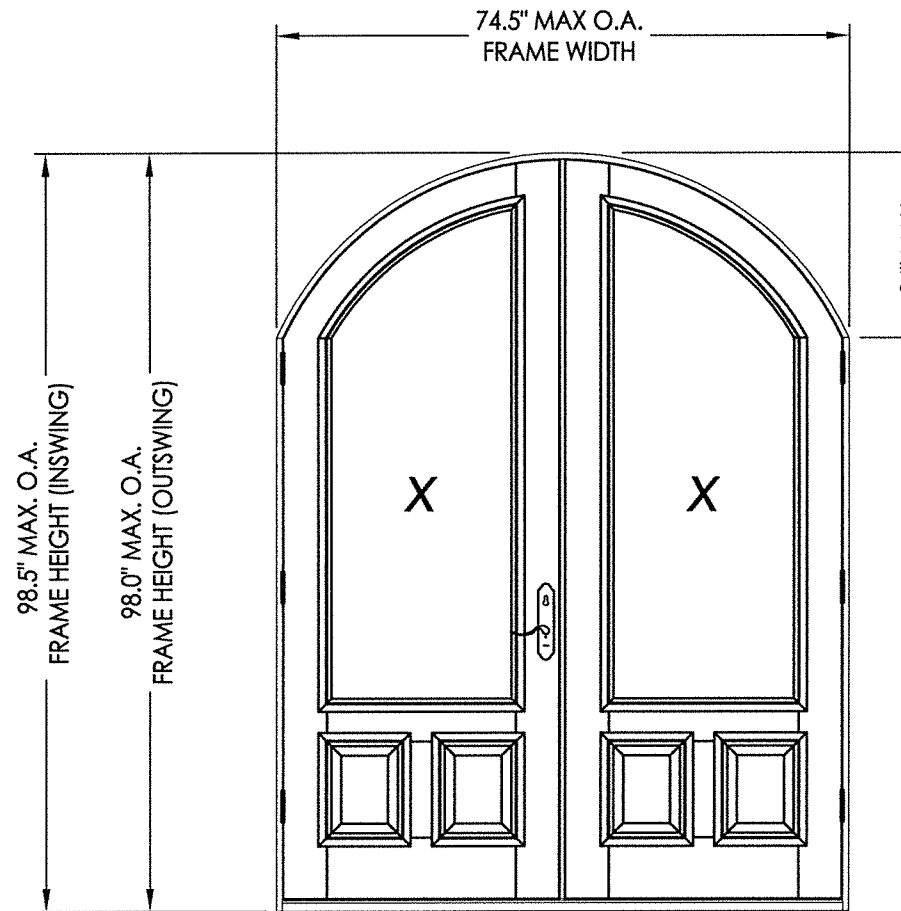
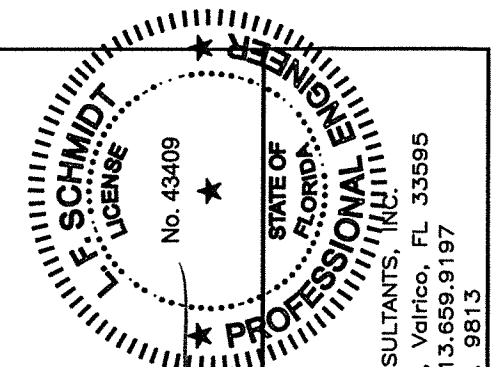


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7	Vertical Cross Sections (Thresholds)
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9	Hardware Details
10	Bill of Materials & Components

CONFIGURATION	LOCK HARDWARE	DESIGN PRESSURE (PSF) INSWING		DESIGN PRESSURE (PSF) OUTSWING	
		POSITIVE	NEGATIVE	POSITIVE	NEGATIVE
XX	Multipoint*	+55.0	-60.0	+55.0	-55.0

*See Sheet 3 for Hardware Specifications



Documents Prepared By:
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FBPE C.A. No. 9813

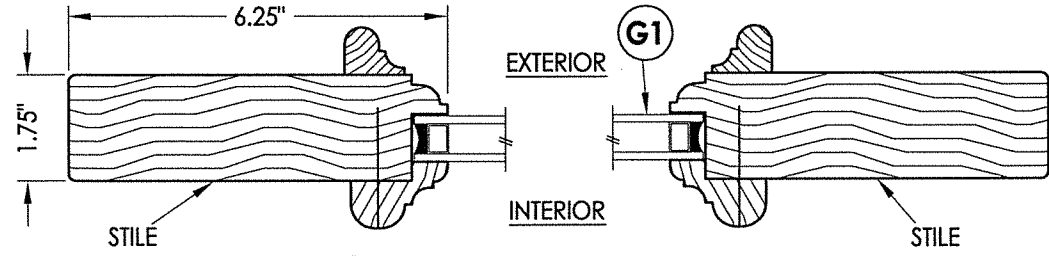
PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

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

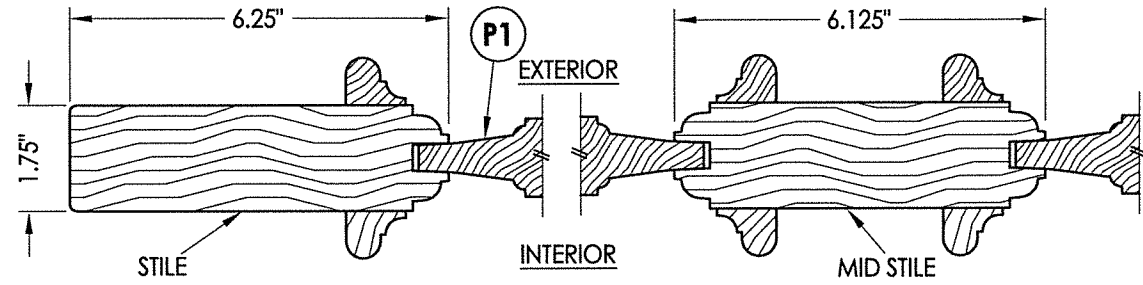
NO.	DATE	BY	REVISIONS

DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-20800.7
SHEET 1 OF 10

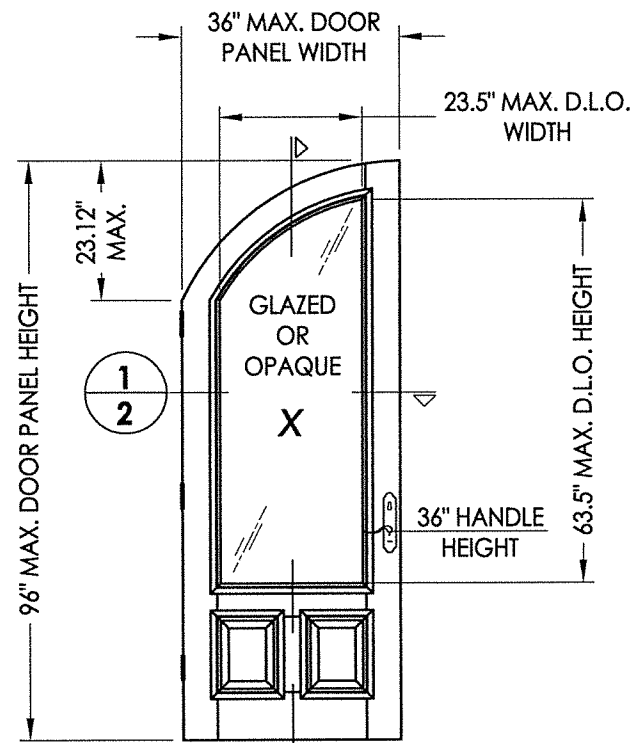
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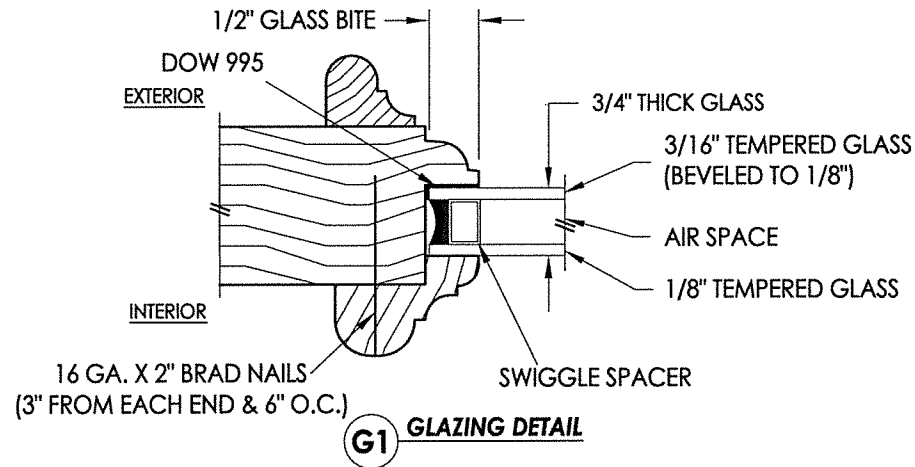
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2 HORIZONTAL CROSS SECTION



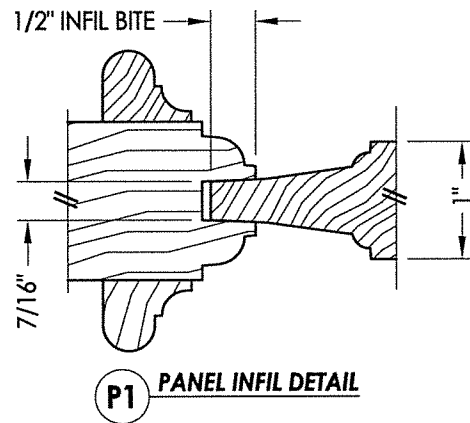
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2 HORIZONTAL CROSS SECTION



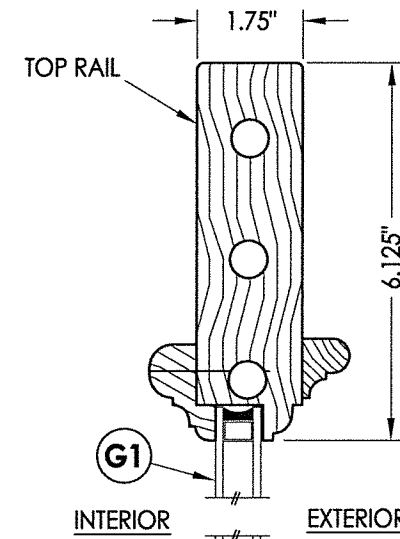
40 WOOD DOOR PANEL
Glazed or Opaque



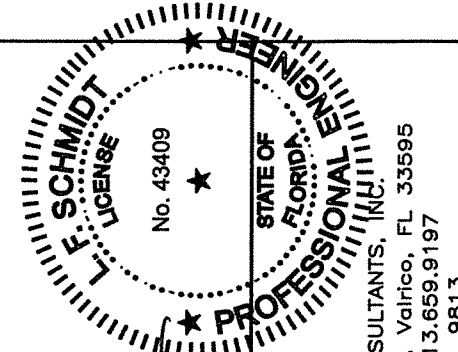
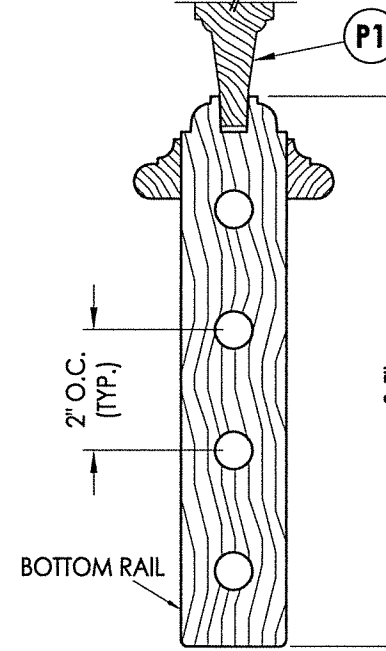
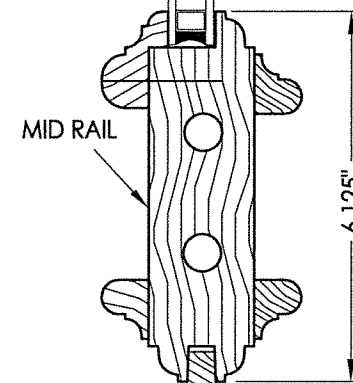
G1 GLAZING DETAIL



P1 PANEL INFIL DETAIL



3
2 VERTICAL CROSS SECTION



LFR
8-24-16

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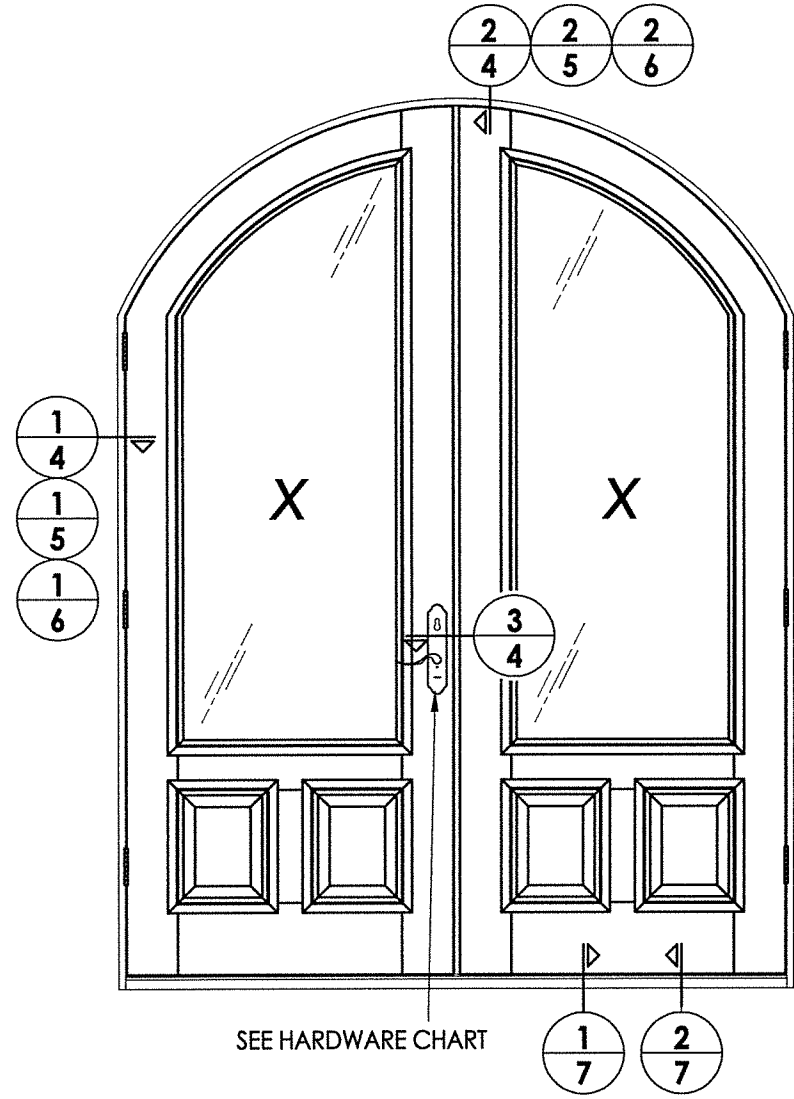
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PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

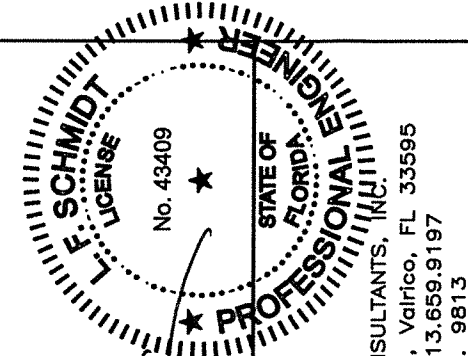
PART OR ASSEMBLY:
DOOR PANEL
DETAILS

NO.	DATE	BY

DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-20800.7
SHEET 2 OF 10



HARDWARE TABLE	
MANUFACTURER	MODEL
G-U	ACTIVE DOOR MULTIPOINT LOCK (3-pt Shootbolt): SECURY S-BOLT LOCKING SYSTEM (6-36928-01-0-8B) MORTISE LOCK TRIM: EMTEK
G-U	INACTIVE DOOR ASTRAGAL FLIP BOLT MORTISE LOCK (6-C7250-19-0-0)



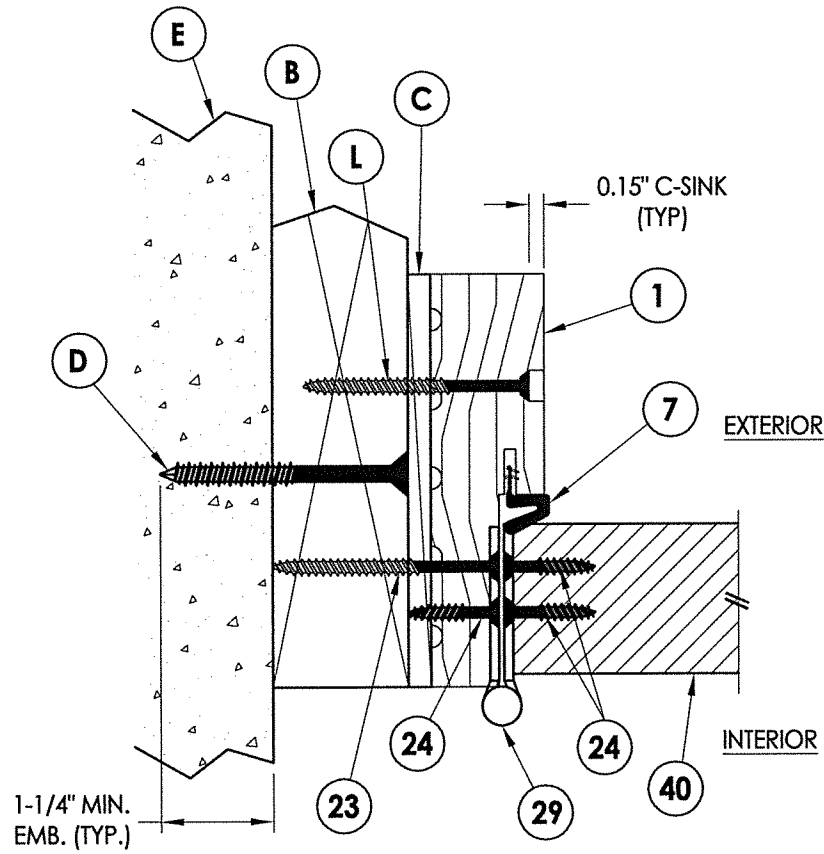
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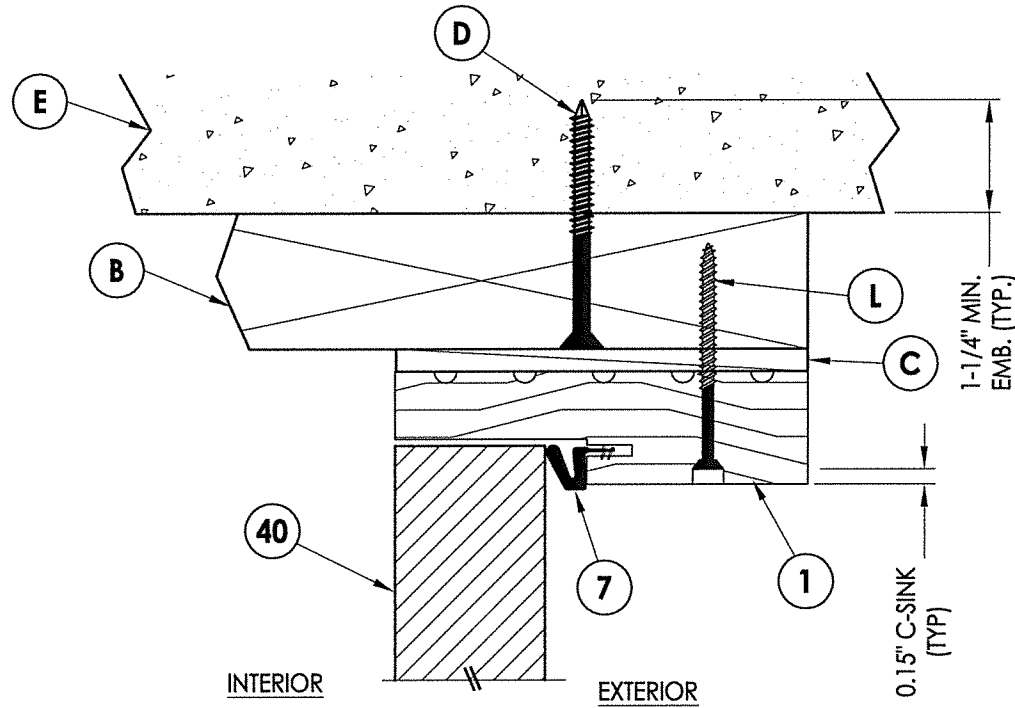
PRODUCT: INTERNATIONAL WOOD TRADE WOOD DOOR
 PART OR ASSEMBLY: ELEVATIONS

NO.	DATE	BY	REVISIONS

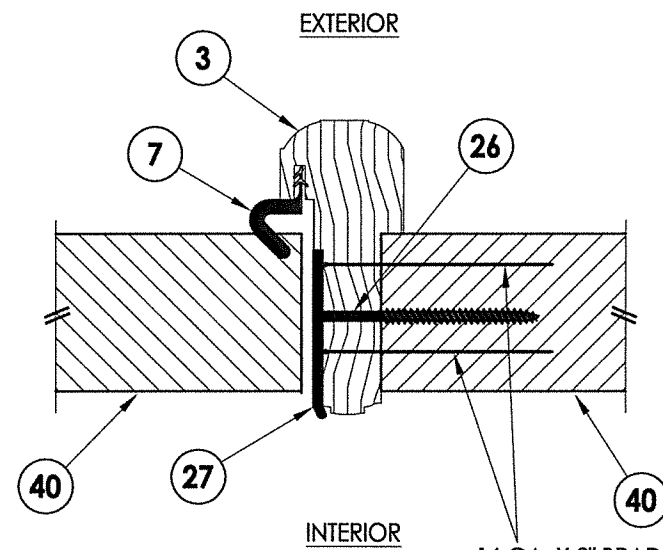
DATE: 8/10/16
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.: FL-20800.7
 SHEET 3 OF 10



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

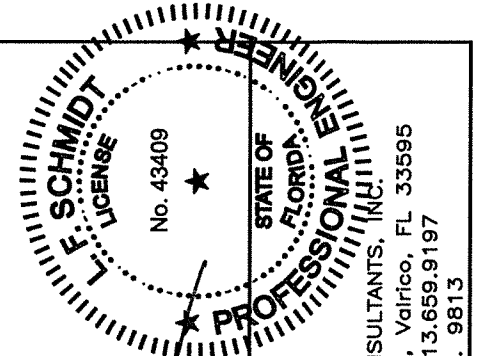


2 VERTICAL CROSS SECTION
 4 Shown w/ 2X Buck
 Inswing shown (Outswing similar)



3 HORIZONTAL CROSS SECTION
 4 Inswing shown (Outswing similar)

16 GA. X 2" BRAD NAILS: 2" from each end plus 9 more pairs equally space (11 pairs total).



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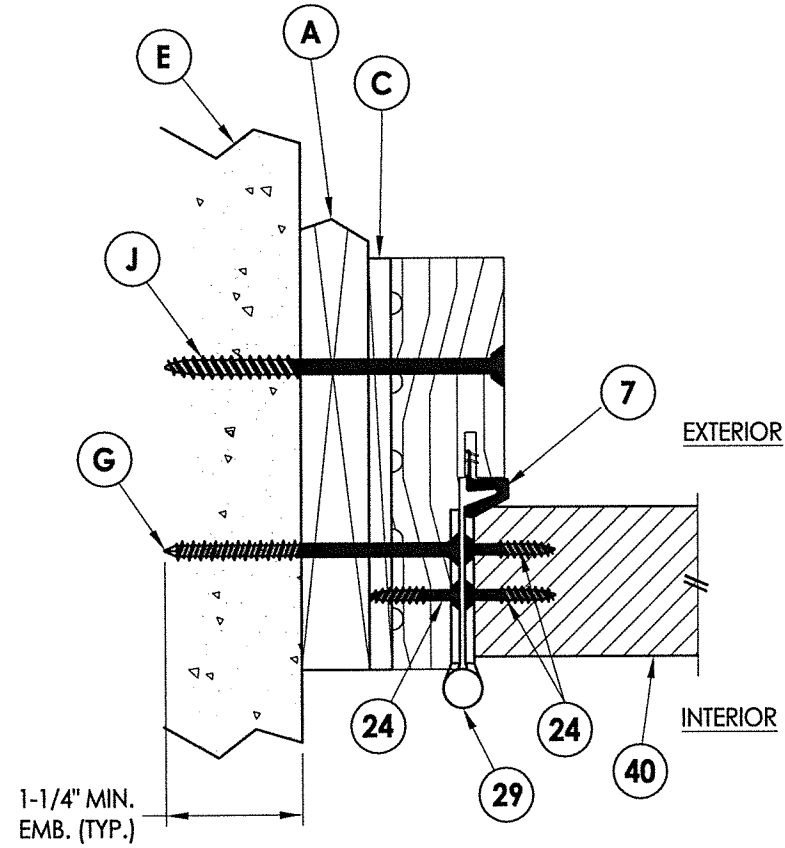
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PRODUCT:
 INTERNATIONAL WOOD TRADE
 WOOD DOOR

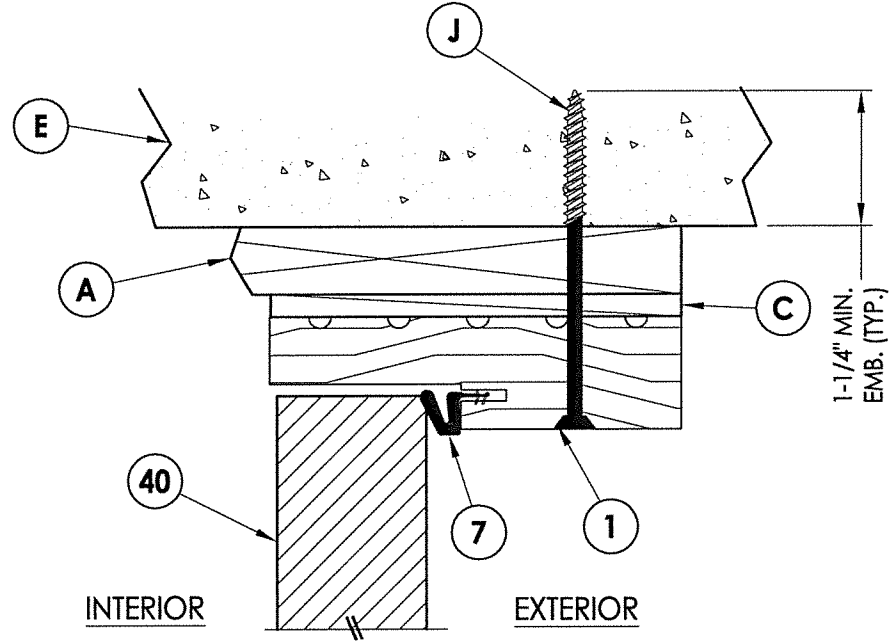
PART OR ASSEMBLY:
 HORIZONTAL & VERTICAL
 CROSS SECTIONS (2X BUCK)

NO.	DATE	BY	REVISIONS

DATE: 8/10/16
 SCALE: N.T.S.
 DWG. BY: JK
 CHK. BY: LFS
 DRAWING NO.:
 FL-20800.7
 SHEET 4 OF 10

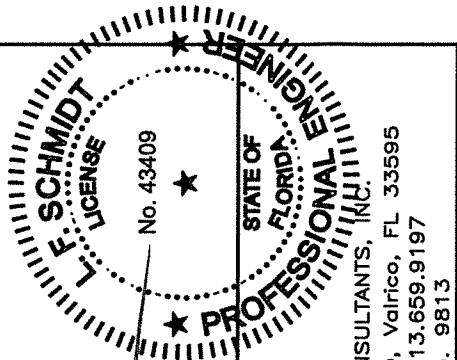


1
5 **HORIZONTAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)



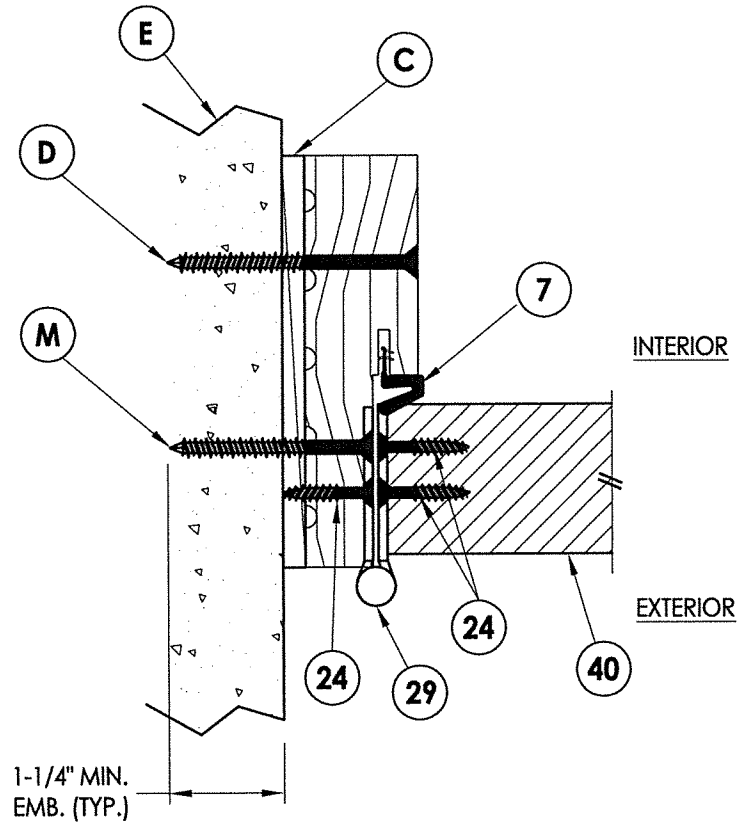
2
5 **VERTICAL CROSS SECTION**
Shown w/ 1X sub-buck
Inswing shown (Outswing similar)

PRODUCT: INTERNATIONAL WOOD TRADE WOOD DOOR		PART OR ASSEMBLY: HORIZONTAL & VERTICAL CROSS SECTIONS (1X BUCK)	
DATE:	8/10/16	NO.	DATE
SCALE:	N.T.S.	BY	
DWG. BY:	JK	REVISIONS	
CHK. BY:	LFS		
DRAWING NO.:	FL-20800.7		
SHEET	5	OF 10	

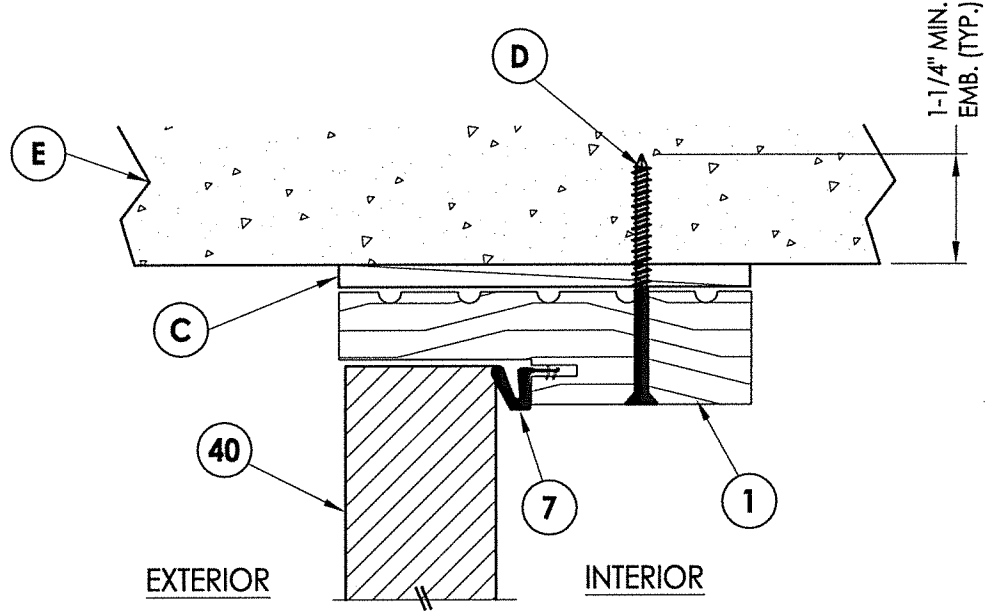


LFS
8-24-16
Documents Prepared By:
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FBPE C.A. No. 9813



1 HORIZONTAL CROSS SECTION
 6 Shown Direct to Masonry
 Outswing only



2 VERTICAL CROSS SECTION
 6 Shown Direct to Masonry
 Outswing only

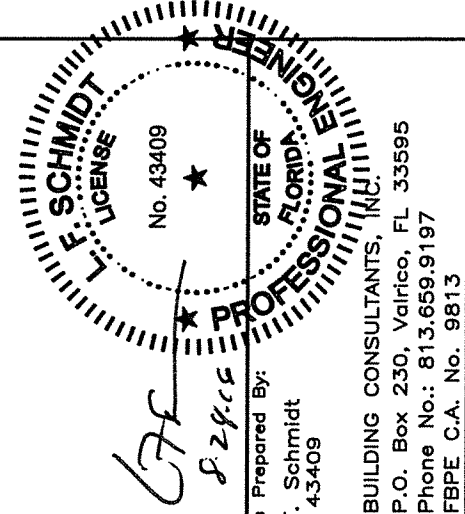
DATE:	8/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20800.7
SHEET	6 OF 10

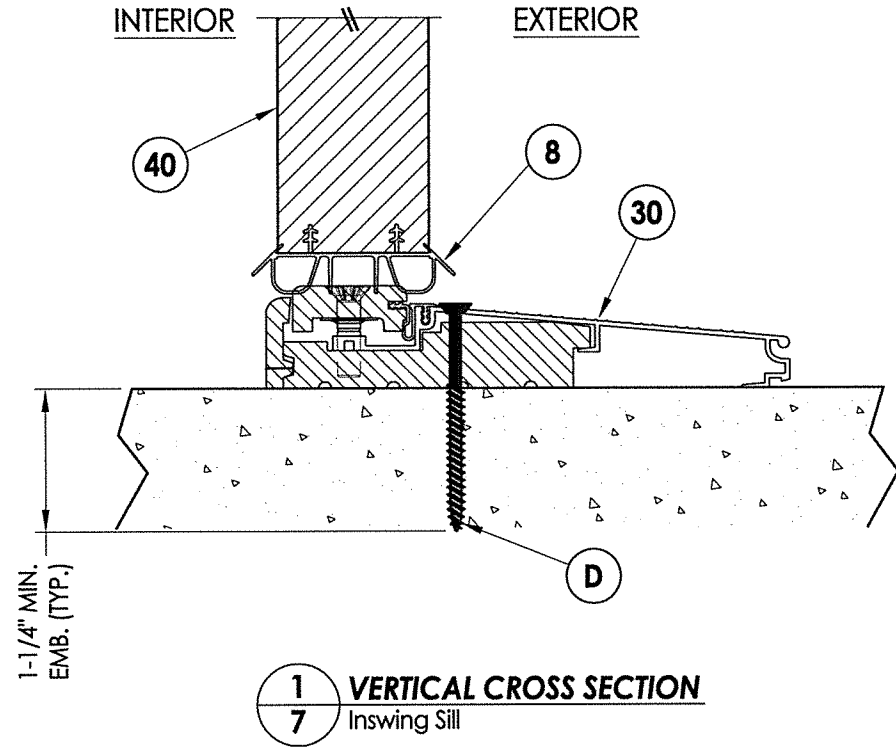
PRODUCT:
 INTERNATIONAL WOOD TRADE
 WOOD DOOR

PART OR ASSEMBLY:
 HORIZONTAL & VERTICAL CROSS
 SECTIONS (DIRECT TO MASONRY)

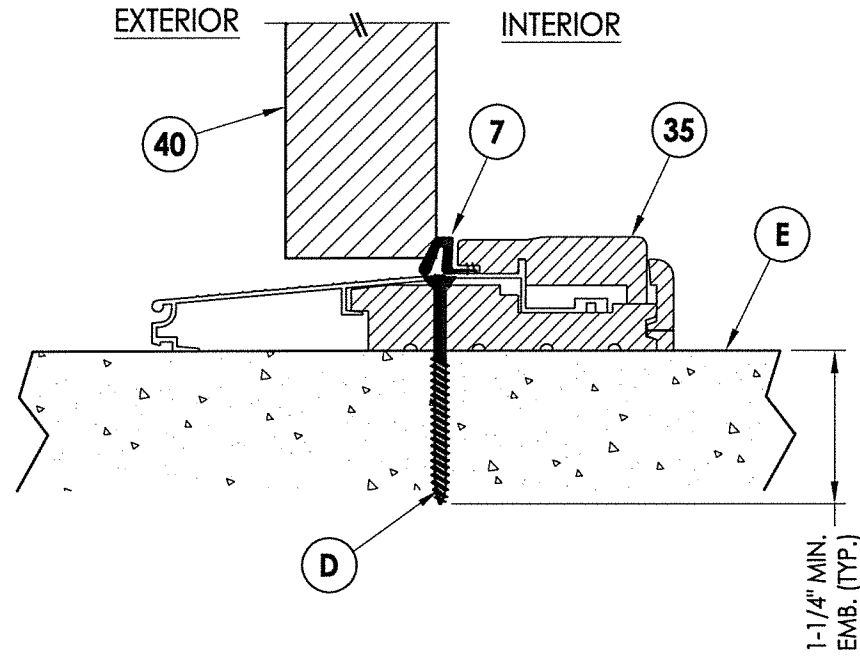
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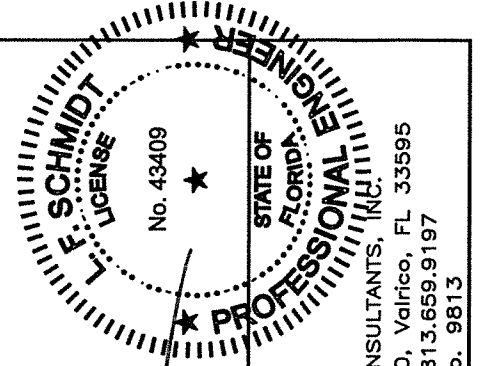




1 VERTICAL CROSS SECTION
7 Inswing Sill



2 VERTICAL CROSS SECTION
7 Outswing Sill



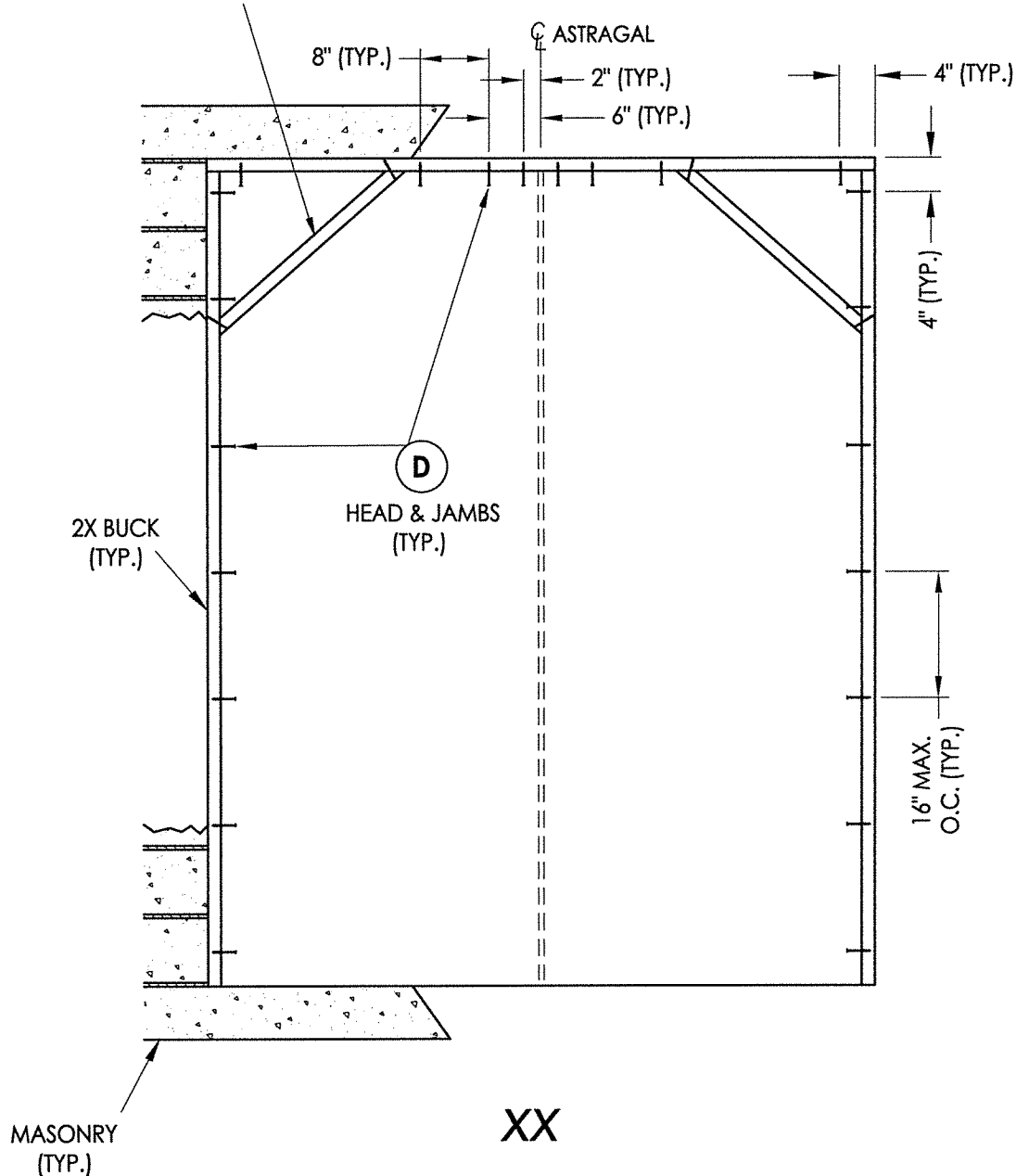
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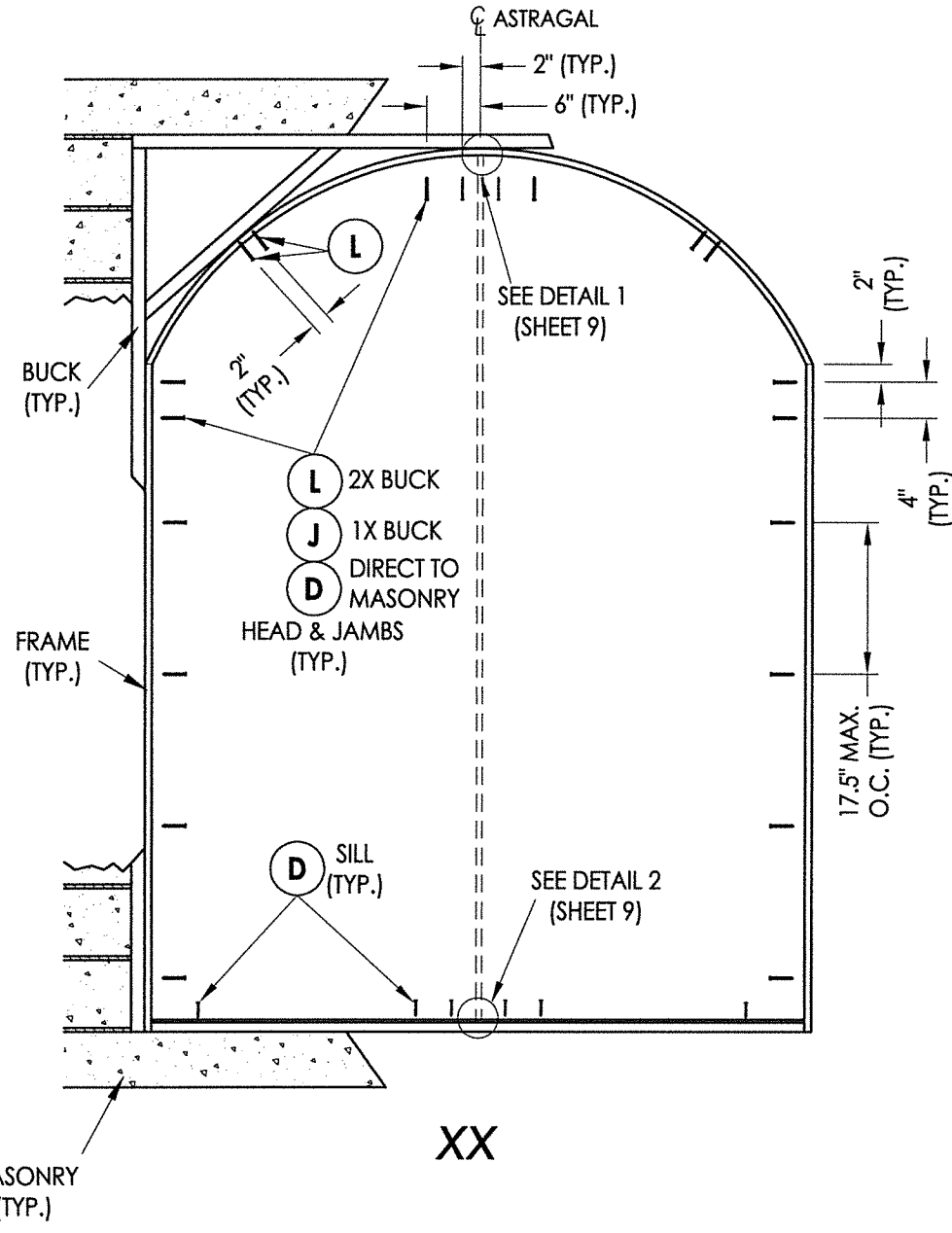
PRODUCT: INTERNATIONAL WOOD TRADE WOOD DOOR	
PART OR ASSEMBLY: VERTICAL CROSS SECTIONS (THRESHOLDS)	
NO.	DATE
BY	REVISIONS
DATE:	8/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20800.7
SHEET	7 OF 10

R:\Clients\International Wood Trade - Florida Product Approval\FL-20800 Swinging Exterior Door Assemblies\C - Drawings\FL-20800 (2014)\FL-20800.4-6.dwg, 8.4

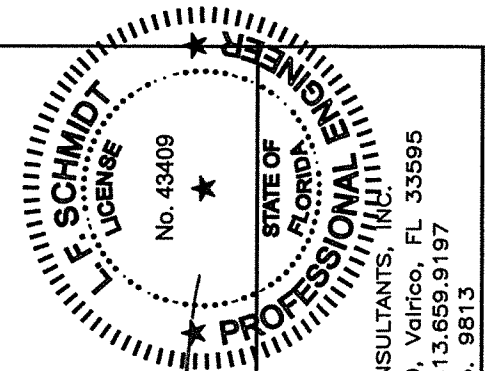
2x6 No. 2 SYP FRAMING (RIPPED TO 4-9/16")
ATTACHED w/ (2) #10 X 3" PFH WOOD
SCREWS @ EACH END (TYP.)



2X BUCK ANCHORING



FRAME ANCHORING



LFS
8-24-16

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FBPE C.A. No. 9813

PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

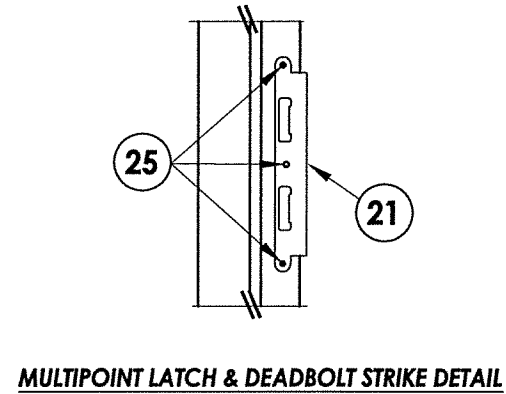
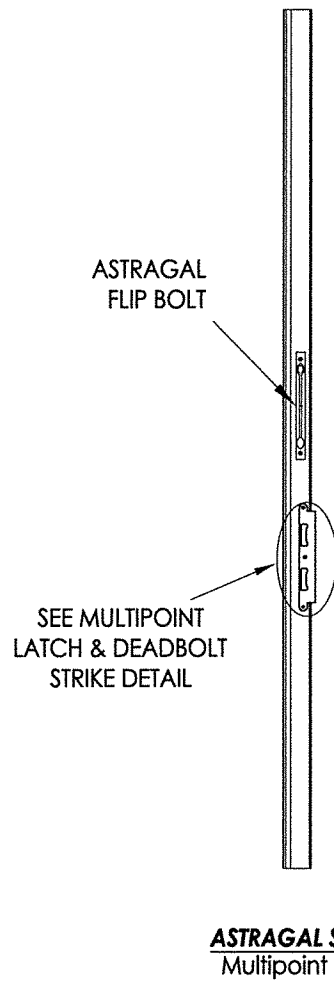
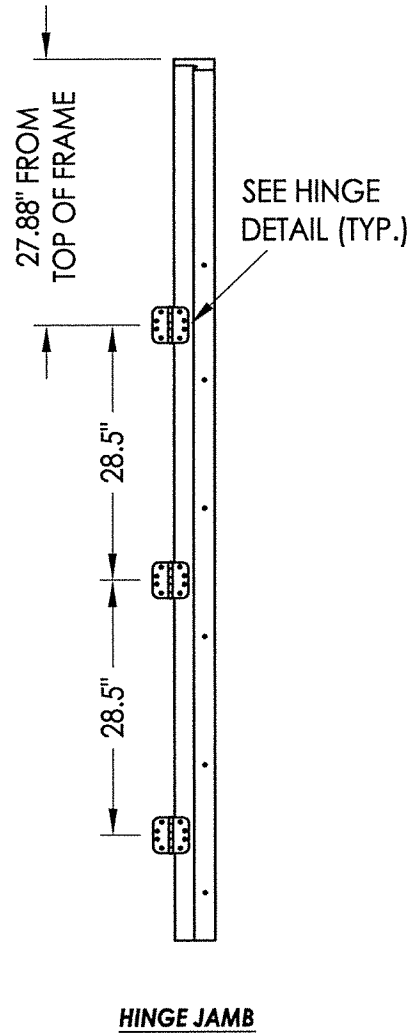
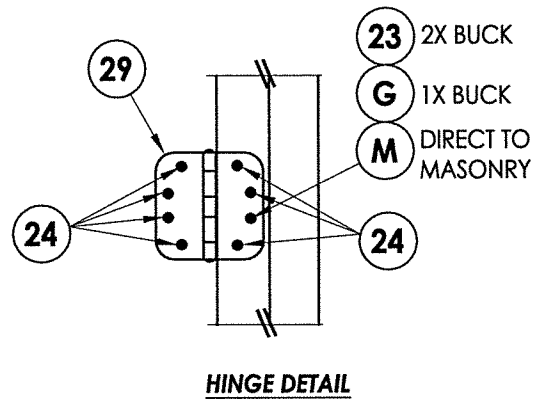
PART OR ASSEMBLY:
BUCK ANCHORING

NO.	DATE	BY

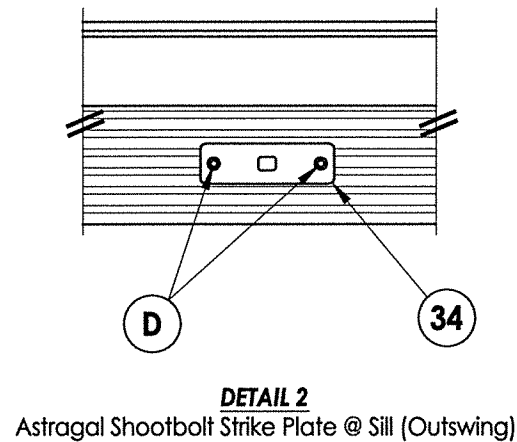
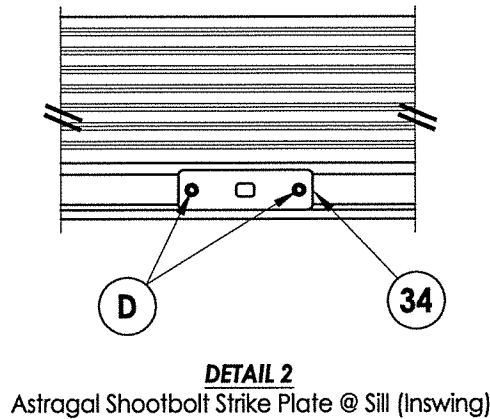
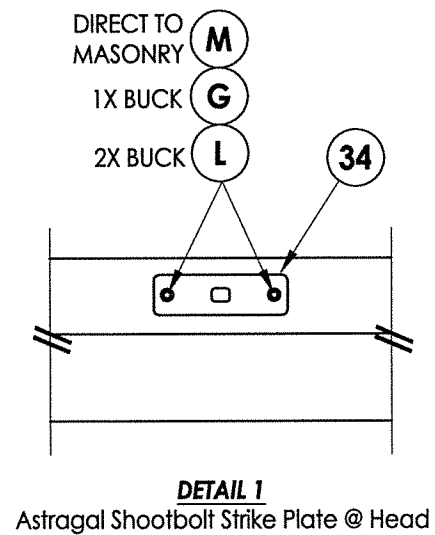
DATE: 8/10/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20800.7
SHEET 8 OF 10

NOTE:
1. ALL FRAME CORNERS SECURED WITH (3) #8 X 3" FH WOOD SCREWS @ HEAD & SILL.

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MULTIPOINT LOCK HARDWARE DETAILS



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

LF
 8.24.16

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Documents Prepared By:
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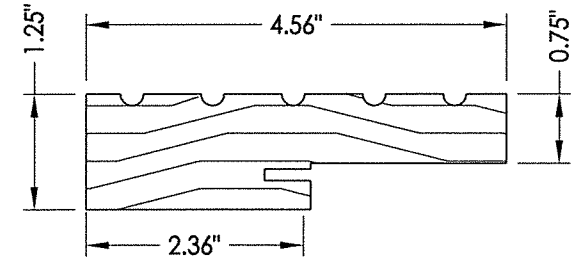
PRODUCT:	THERMA-TRU WOOD DOOR
PART OR ASSEMBLY:	HARDWARE DETAILS

NO.	DATE	BY	REVISIONS

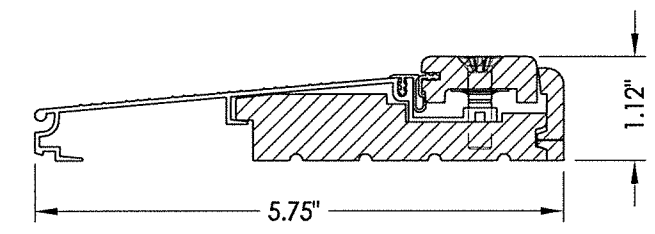
DATE:	08/10/16
SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-20800.7
SHEET	9 of 10

BILL OF MATERIALS

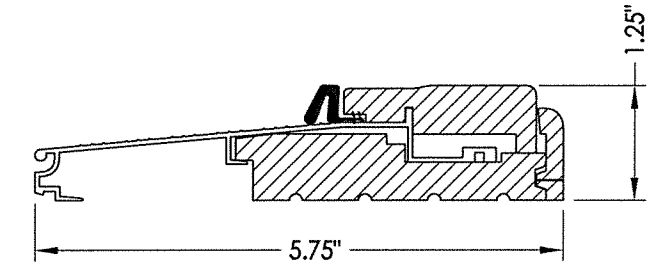
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.42)	WOOD
B	2X BUCK (SG >= 0.42)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
G	3/16" X 3-1/4" PFH ITW CONCRETE SCREW	STEEL
J	1/4" X 3-3/4" PFH ELCO OR ITW CONCRETE SCREW	STEEL
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	WOOD JAMB (SAPELE, G>= 0.55)	WOOD
2	1X MULLION (SAPELE, G>= 0.55)	WOOD
3	ASTRAGAL (SAPELE, G>= 0.55)	WOOD
7	WEATHERSTRIP	FOAM
8	SWEEP	VINYL
20	MULTIPOINT TONGUE STRIKE PLATE	STEEL
21	MULTIPOINT LATCH & DEADBOLT STRIKE PLATE	STEEL
23	#12 X 2-1/2" PFH WOOD SCREW	STEEL
24	#12 X 1-1/4" PFH WOOD SCREW	STEEL
25	#8 X 2-1/2" PFH WOOD SCREW	STEEL
29	4" X 4" HINGE	STEEL
30	INSWING ADJUSTABLE THRESHOLD	ALUM/WOOD
35	OUTSWING BUMB THRESHOLD	ALUM/WOOD
39	ASTRAGAL SHOOTBOLT STRIKE PLATE	STEEL
40	DOOR PANEL	WOOD
50	SIDELITE PANEL	WOOD



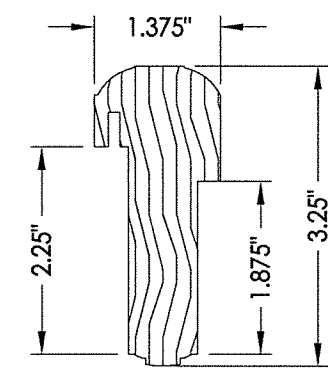
1 **WOOD JAMB**



30 **INSWING ADJUSTABLE THRESHOLD**
Imperial 5Y



35 **OUTSWING BUMB THRESHOLD**
Imperial



3 **ASTRAGAL**

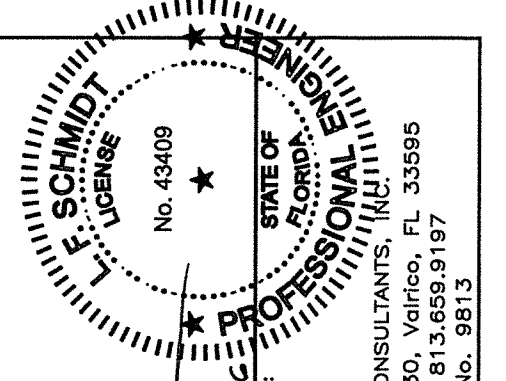
CONCRETE ANCHOR NOTES:

- 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"
ELCO ULTRACON®	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.



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PRODUCT:
INTERNATIONAL WOOD TRADE
WOOD DOOR

PART OR ASSEMBLY:
BILL OF MATERIALS
& COMPONENTS

NO.	DATE	BY

REVISIONS

DATE: 8/17/16
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-20800.7
SHEET 10 OF 10