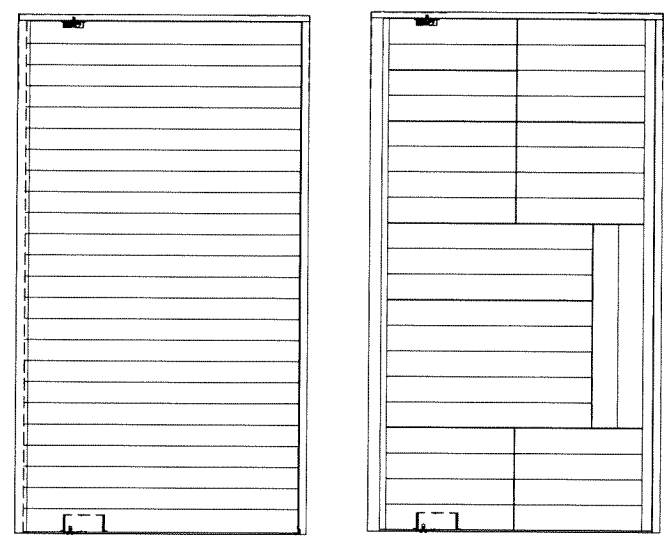


**TYPICAL ELEVATION**  
(OUTSWING PIVOT DOOR)

**MAXIMUM DESIGN LOAD RATING = + 60.0 PSF**  
(FOR MAX. SIZE SHOWN ABOVE OR SMALLER) - 60.0 PSF  
AS PERMITTED BY FBC REQUIREMENTS

NOTE:  
APPLICABLE EGRESS REQUIREMENTS TO BE REVIEWED BY AHJ.



ALTERNATE PATTERNS FOR CLADDING SLATS  
AS SHOWN ABOVE OR SIMILAR ARE APPROVED

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.  
SHUTTERS ARE NOT REQUIRED.

**OUTSWING OPAQUE WOOD PIVOT DOOR (L.M.I.)**

DOORS NOT APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION  
RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE  
REQUIREMENTS OF THE 2020 (7TH EDITION) FLORIDA BUILDING CODE  
INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE  
DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS  
TO THE BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS  
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE  
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

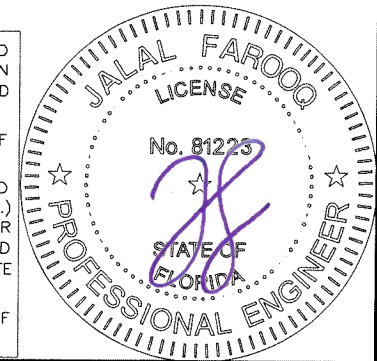
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.  
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT  
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE  
REQUIREMENTS OF THE 2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION  
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY  
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR  
WATER INFILTRATION RESISTANCE ETC.  
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,  
AND TO BE REVIEWED BY BUILDING OFFICIAL.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND  
INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION  
PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED  
ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF  
ALTERED BY ANY MEANS.
- C- SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED  
ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.)  
FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER  
USE OF THE P.E.D. ENGINEER OF RECORD, ACTING AS A DELEGATED  
ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE  
SPECIFIC DRAWINGS FOR REVIEW.
- D- THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF  
THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



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FL #41847

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ENGINEERS & PRODUCT DEVELOPMENT  
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MIAMI, FLORIDA 33173  
TEL. (305) 264-8100  
WWW.AFCENG.COM  
FBPE #5538  
COMP-ANL\22-45F-TDD

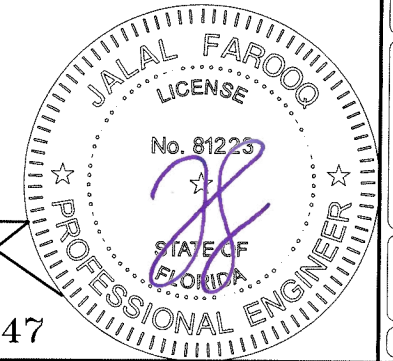
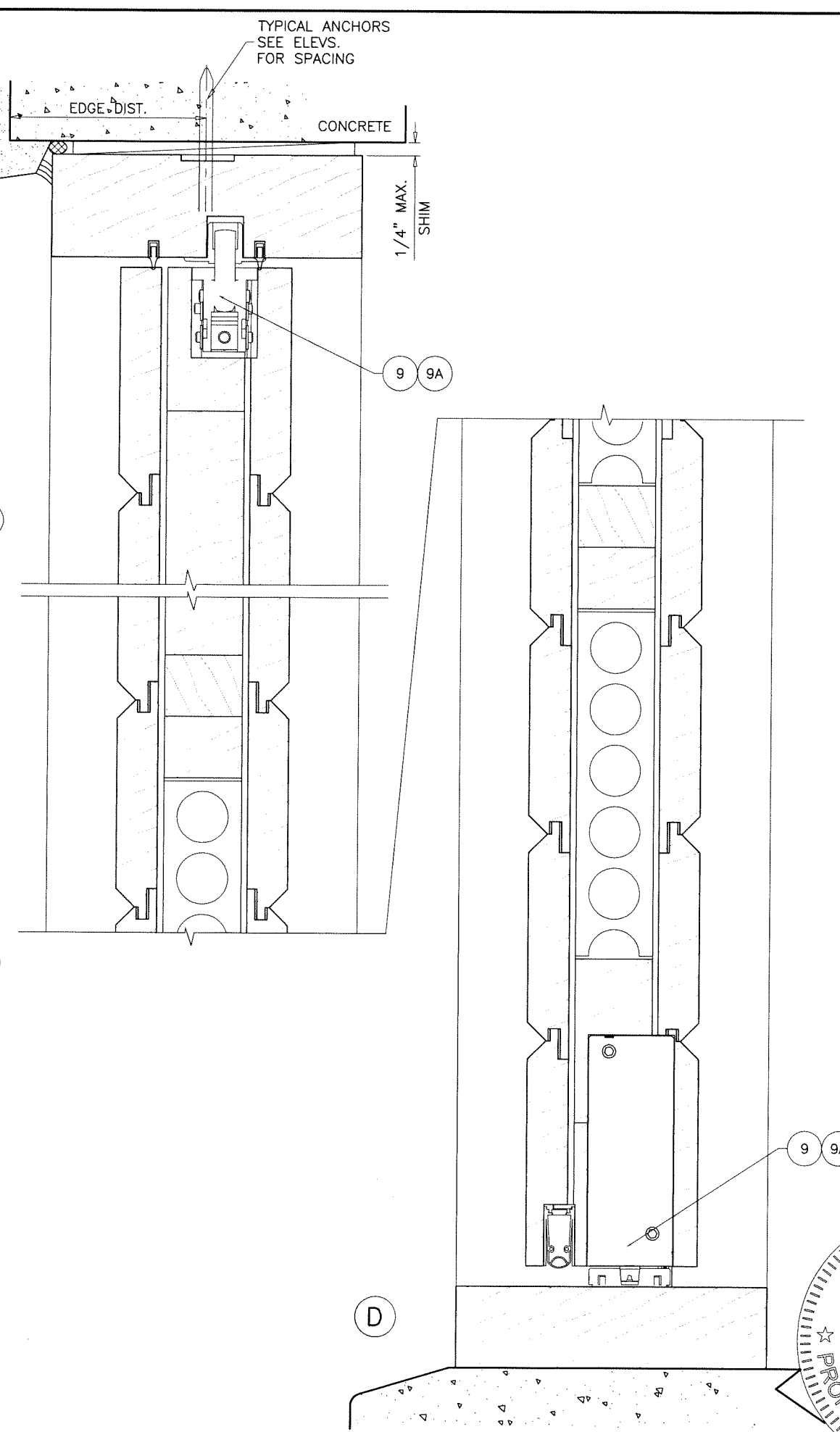
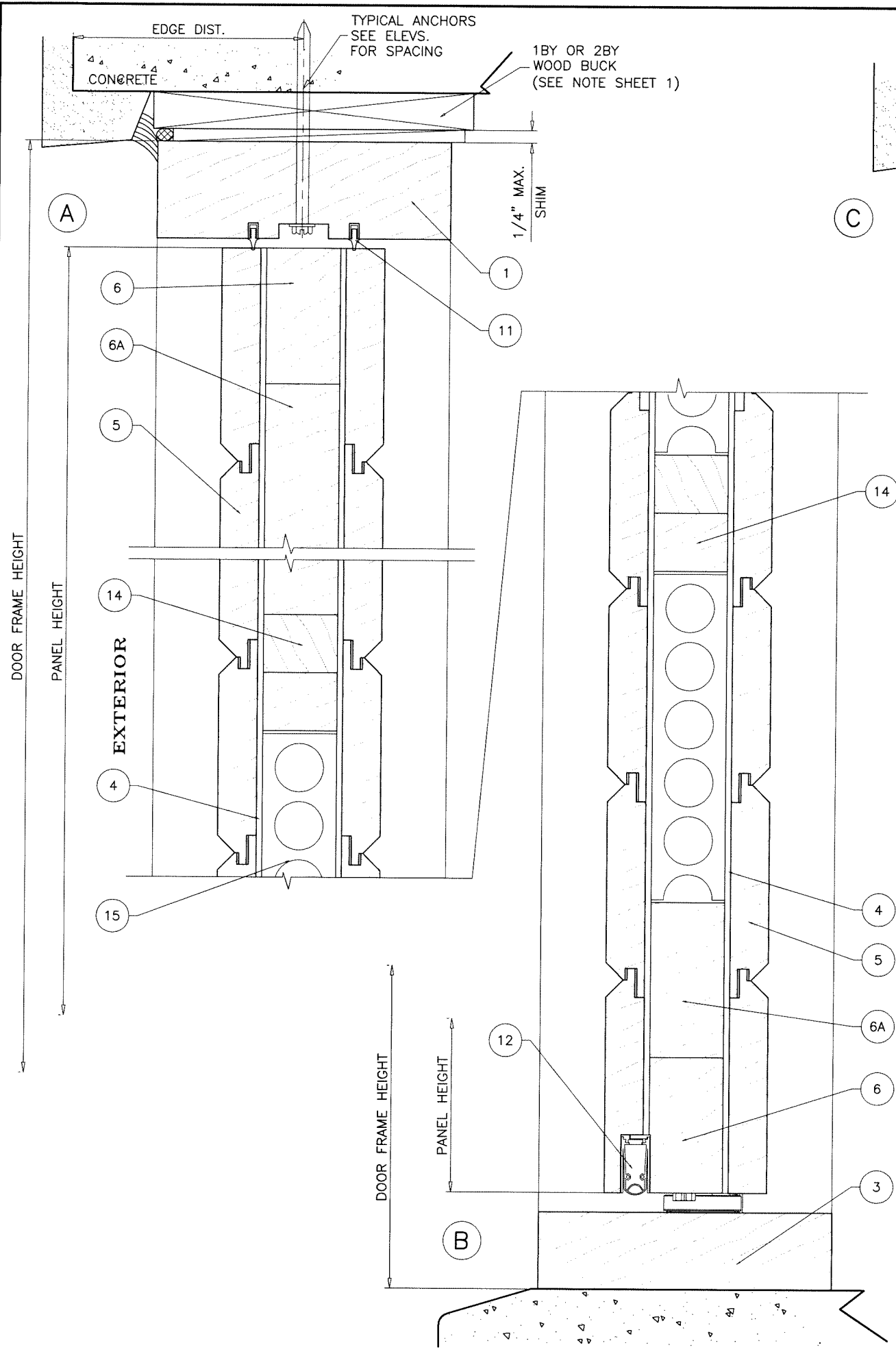
OUTSWING OPAQUE WOOD PIVOT DOOR (L.M.I.)  
**THE DOOR DISTRICT**  
10471 N.W. 36th Street  
Doral, FL 33178  
Phone: (786) 502-4752 www.thedoordistrict.com

revisions:	no	date	by	description

date: 11-14-22  
scale: 1/2"=1'-0"  
dr. by: TARIQ  
chk. by:

drawing no.  
**22-45F**

sheet 1 of 7



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OUTSWING OPAQUE WOOD PIVOT DOOR (L.M.I.)

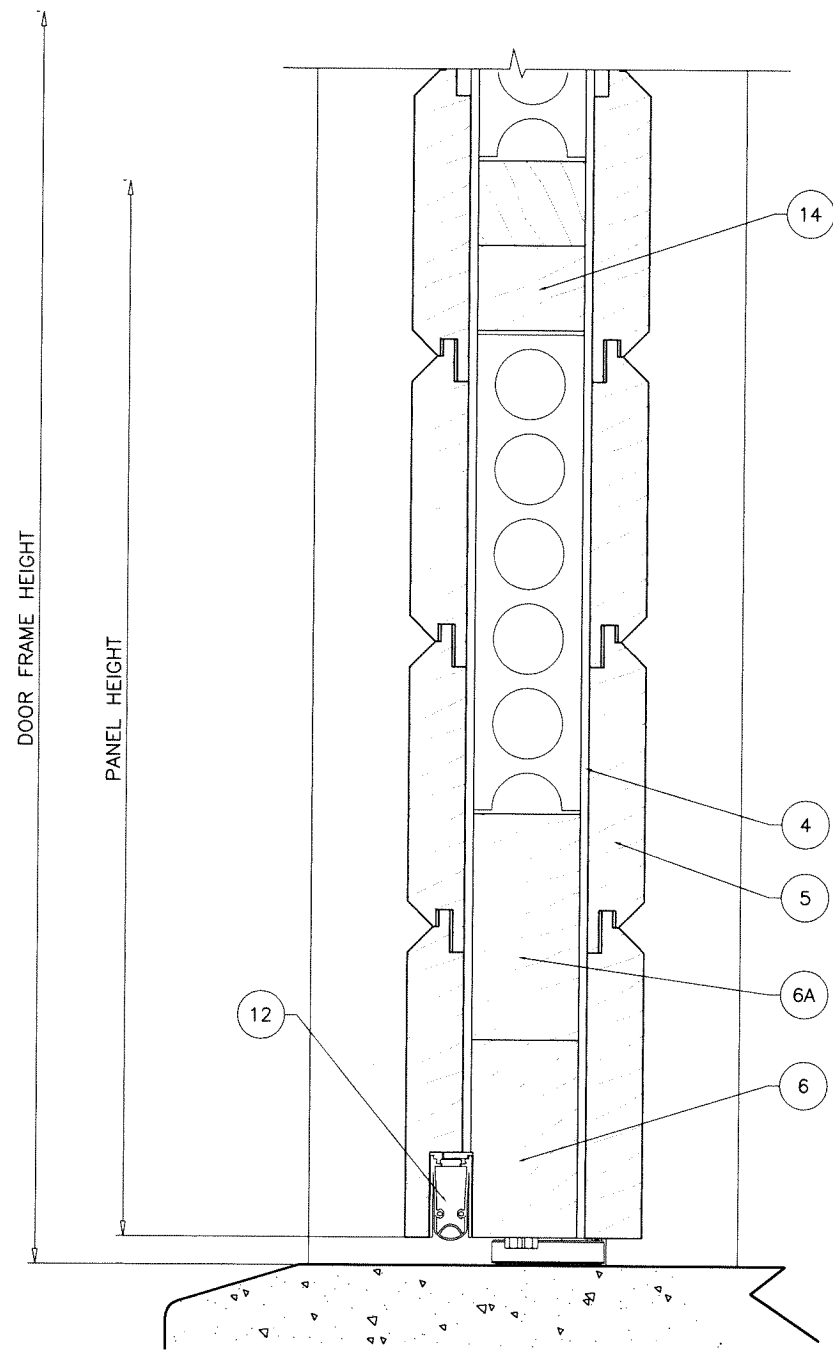
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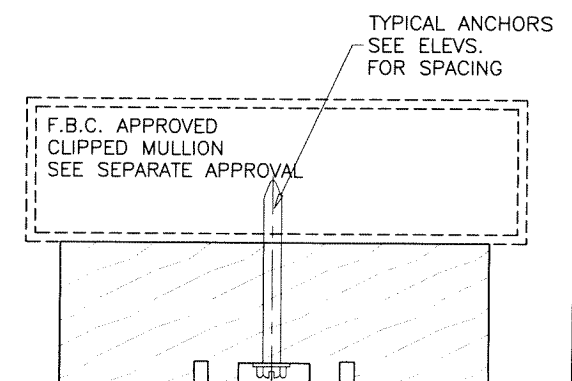
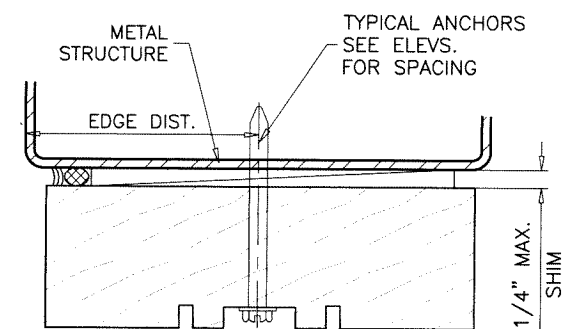
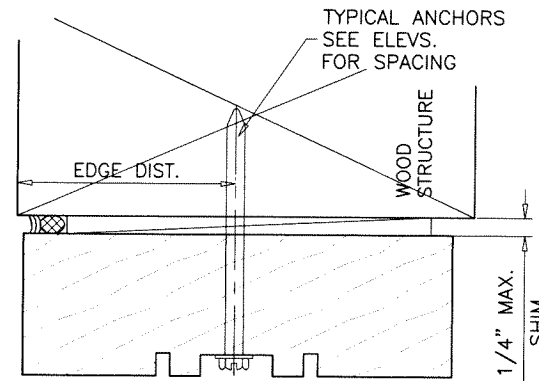
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drawing no. **22-45F**

sheet 2 of 7



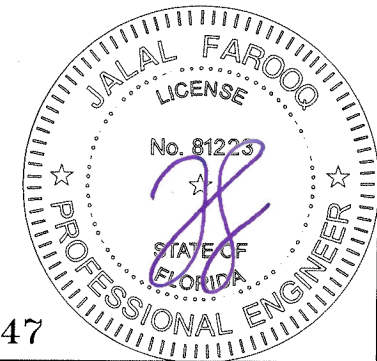
**DOOR OPTION WITHOUT FRAME SILL**



WOOD BUCKS AND METAL STRUCTURE NOT BY 'THE DOOR DISTRICT' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

**TYPICAL ANCHORS:** SEE ELEV. FOR SPACING  
**1/4" DIA. ULTRACON+ BY 'DEWALT'** (Fu=164 KSI, Fy=148 KSI)  
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES  
 1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)  
 THRU 1BY BUCKS INTO CONC. OR BLOCKS  
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)  
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)  
 DIRECTLY INTO CONCRETE OR BLOCKS  
 1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)  
 1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)  
**#14 SMS OR SELF-DRILLING SCREWS** (GRADE 2 CRS)  
 INTO F.B.C. APPROVED MULLIONS  
 AND  
 INTO METAL STRUCTURES (HEAD/SILL/JAMBS)  
 (3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS  
 ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)  
 STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)  
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)  
**CRITICAL EDGE DISTANCE**  
 INTO CONCRETE AND BLOCKS = 2-1/2" MIN.  
 INTO WOOD STRUCTURE = 1" MIN.  
 INTO METAL STRUCTURE = 1/2" MIN.  
 WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.  
 CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.  
 C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

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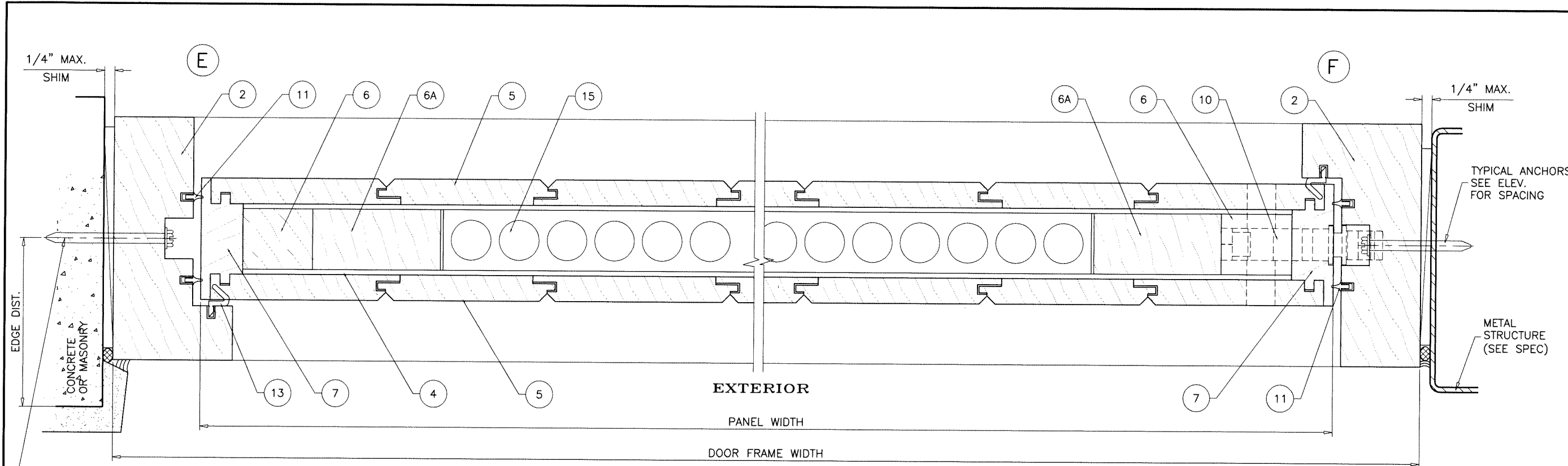
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**af c**  
**AL-FAROOQ CORPORATION**  
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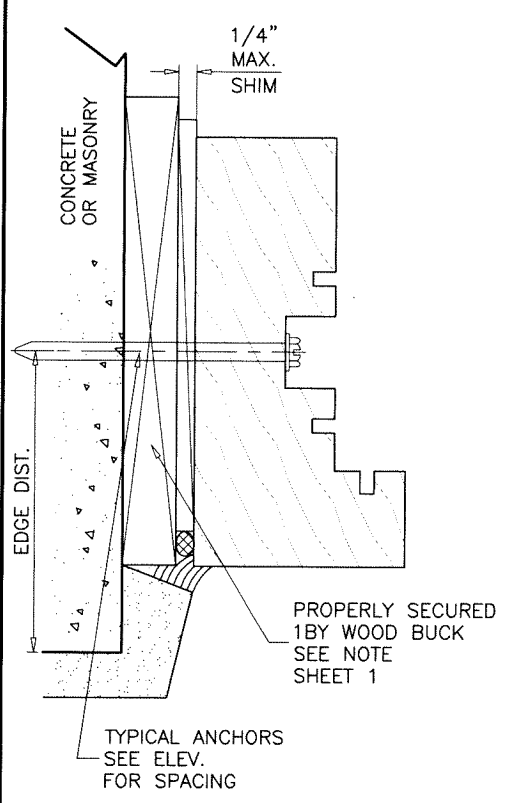
OUTSWING OPAQUE WOOD PIVOT DOOR (L.M.I.)  
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revisions:	no	date	by	description

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 drawing no. 22-45F  
 sheet 3 of 7

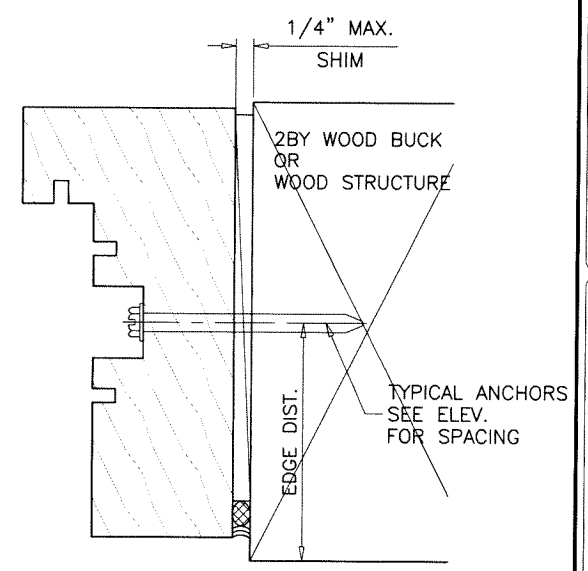


TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING



PROPERLY SECURED  
1BY WOOD BUCK  
SEE NOTE  
SHEET 1

TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING



TYPICAL ANCHORS  
SEE ELEV.  
FOR SPACING

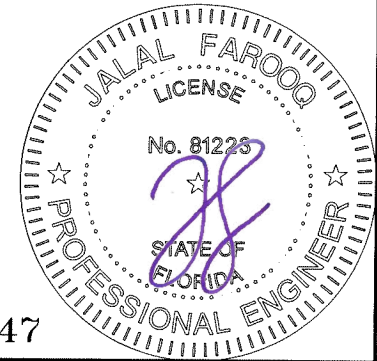
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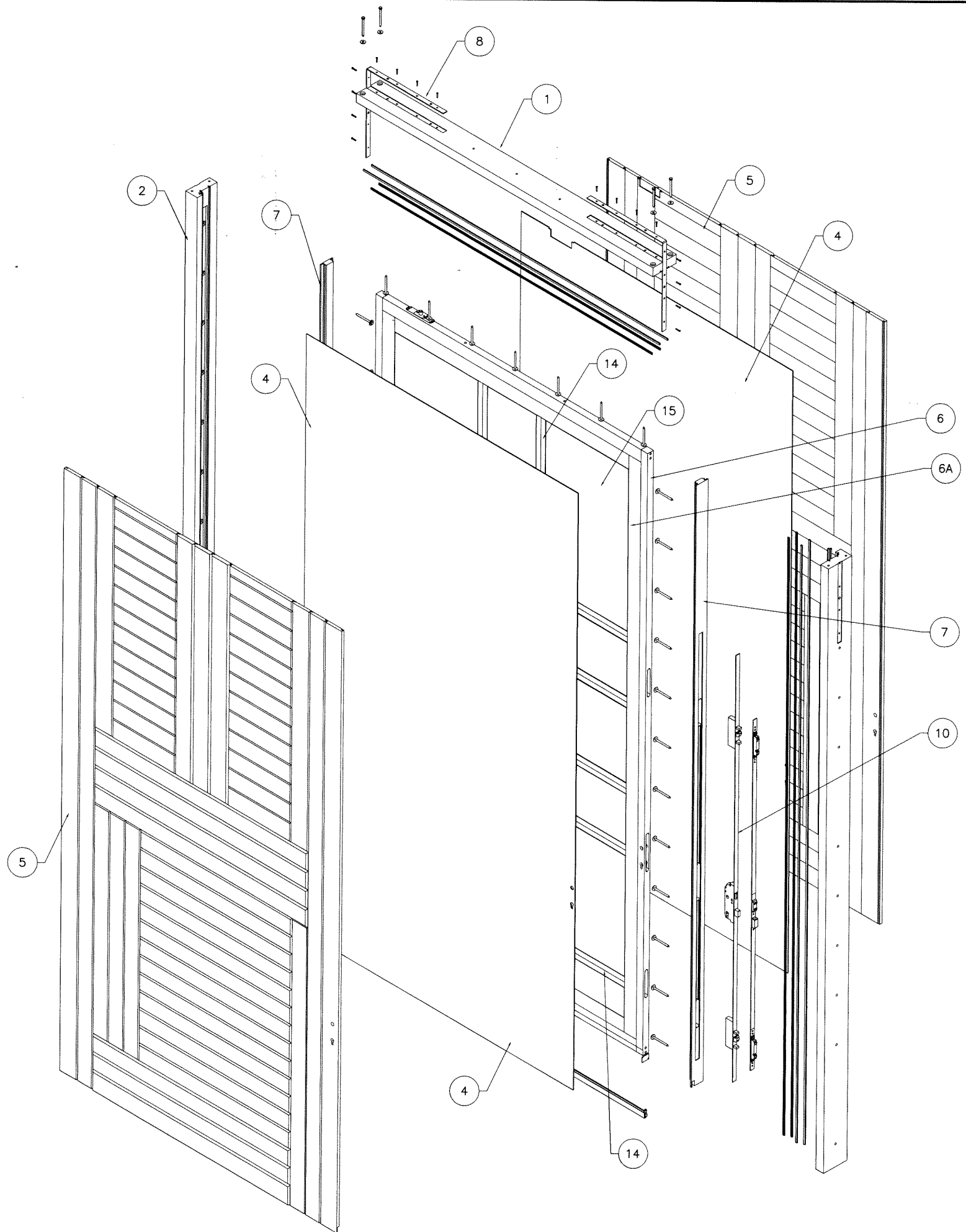
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sheet 4 of 7



FL #41847

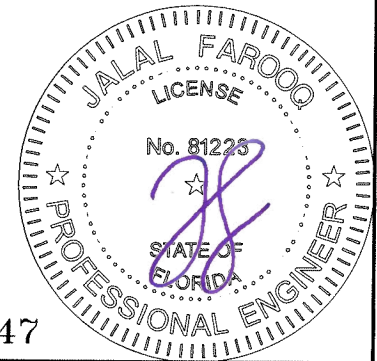
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ITEM #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	1	FRAME HEAD	WOOD	-
2	2	FRAME JAMB	WOOD	-
3	1	FRAME SILL	WOOD	-
4	2	1/8" MEDIUM DENSITY FIBERBOARD	-	-
5	AS REQD.	INTERLOCKING CLADDING SLATS	WOOD	-
6	4	PANEL RAIL/STILE	WOOD	-
6A	4	PANEL RAIL/STILE	WOOD	-
7	2	STILE COVER	WOOD	-
8	2	METAL STRAP	-	-
9	1	SYSTEM ONE PIVOT	-	FRITSJURGENS
9A	1	M-42 SYSTEM PIVOT	-	FRITSJURGENS
10	1	3 POINT LOCK SYSTEM	-	HOOPE
11	AS REQD.	FRAME W'STRIPPING	-	-
12	AS REQD.	SILL W'STRIPPING	-	-
13	AS REQD.	JAMB W'STRIPPING	-	-
14	AS REQD.	PANEL INTERNAL FRAME	WOOD	-
15	AS REQD.	TUBULAR CORE INSULATION FIRE 1-1/2"	-	-

**WOOD OPTIONS**  
 1- MAHOGANY  
 2- OAK  
 3- AMARGO  
 4- SAPAN

SPECIFIC GRAVITY = 0.45 MIN.  
 GRADE = 2 MIN.  
 MOISTURE CONTENT = 19% MAX.



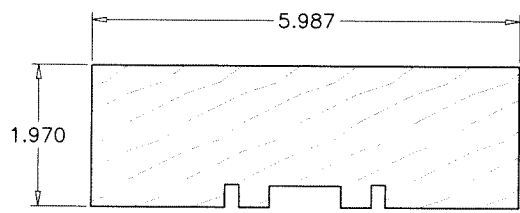
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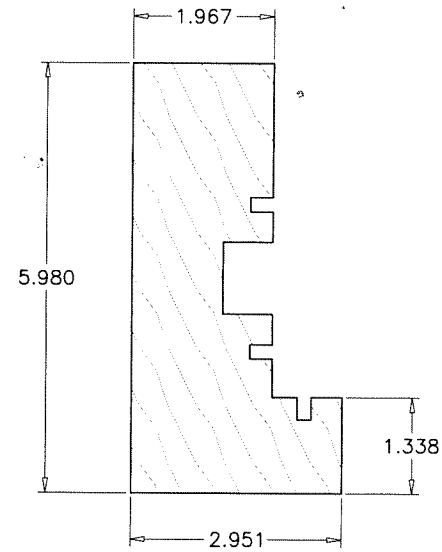
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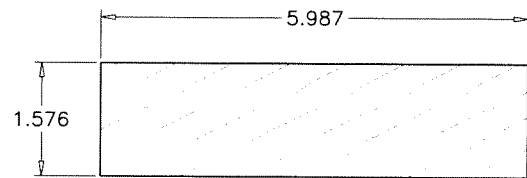
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chk. by:				
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sheet	5 of 7			



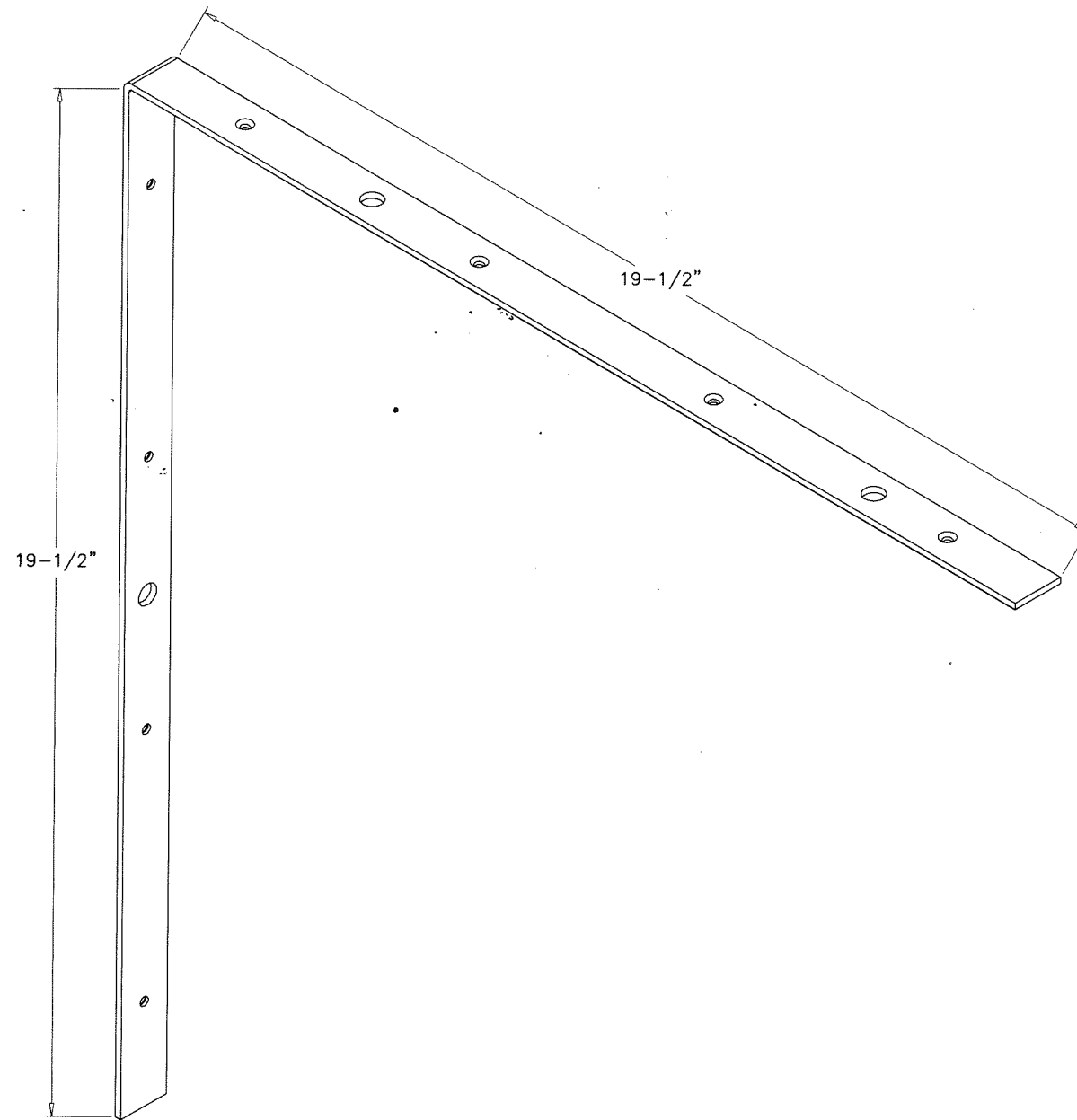
1 FRAME HEAD



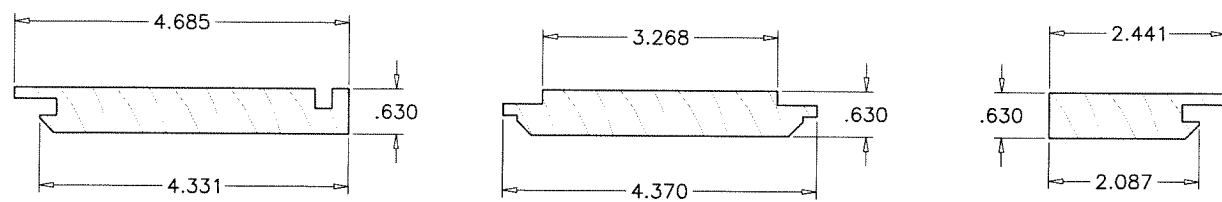
2 FRAME JAMB



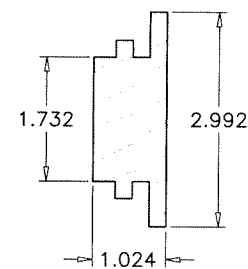
3 FRAME SILL



8 METAL STRAP

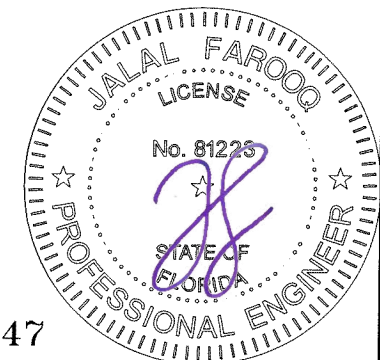


5 INTERLOCKING CLADDING SLATS



7 STILE COVER

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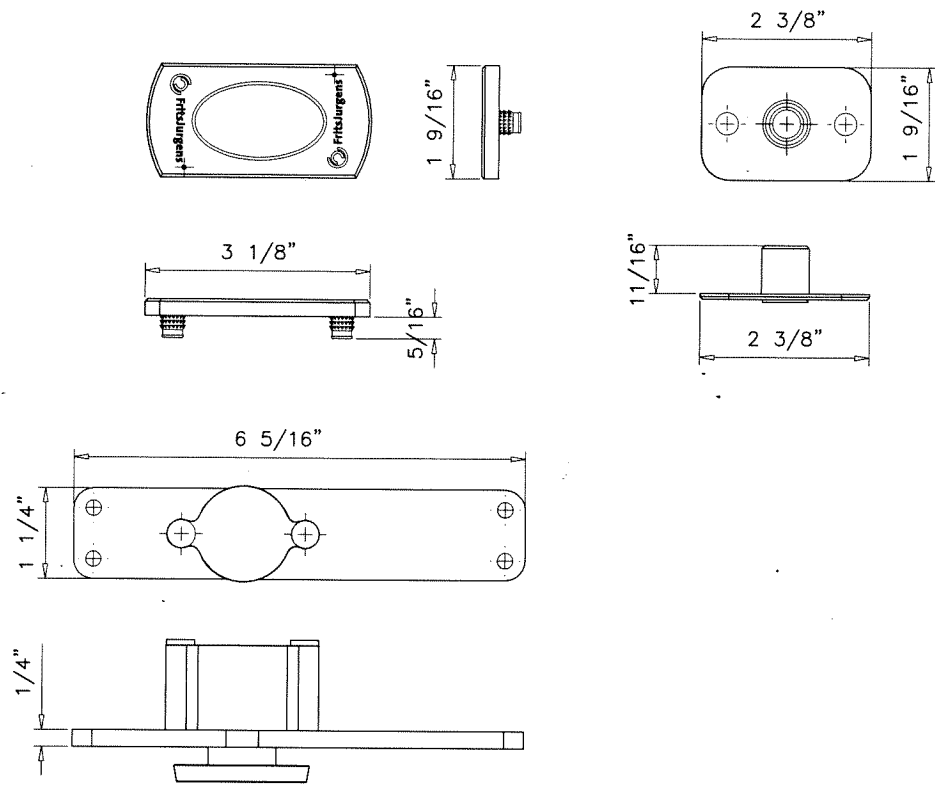
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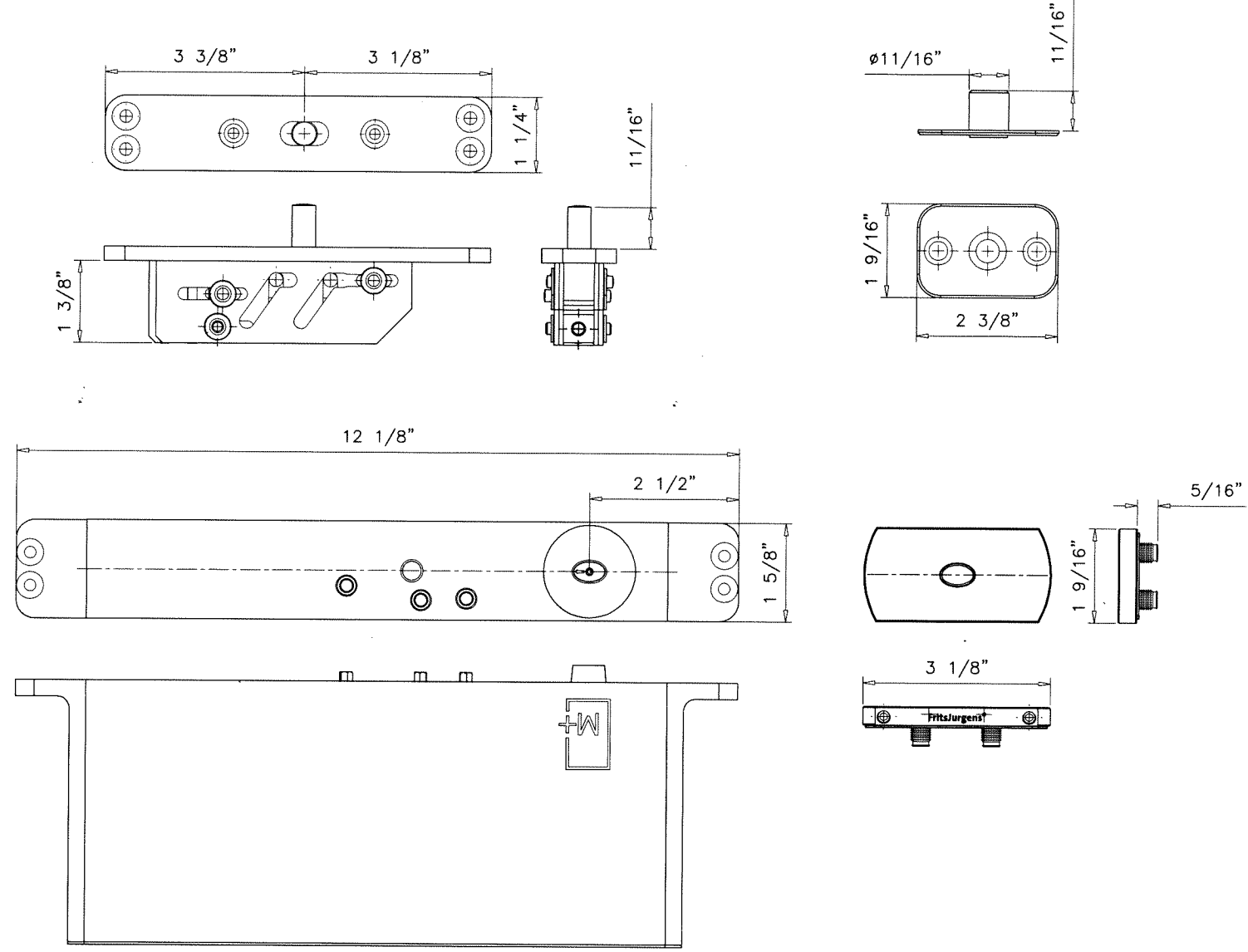
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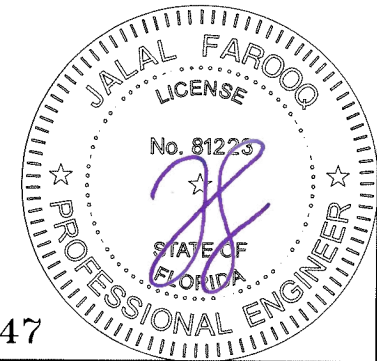
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 drawing no. 22-45F  
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9 SYSTEM ONE PIVOT



9A M-42 SYSTEM PIVOT



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drawing no. 22-45F		sheet 7 of 7	