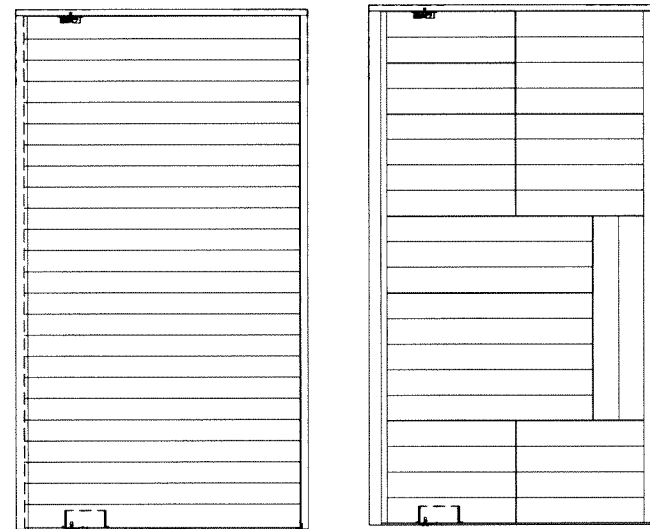


TYPICAL ELEVATION
(OUTSWING PIVOT DOOR)

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 APPROVED FOR INSTALLATIONS WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2023 (8TH 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 2023 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

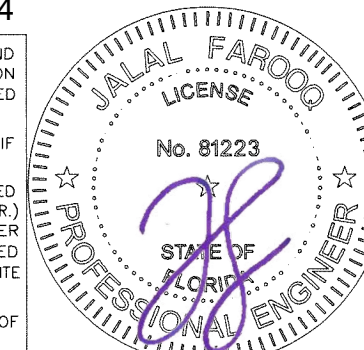
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.
MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION
IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE.
LABELING TO COMPLY WITH SECTION 1709.9.2.

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FL #41847

- 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.



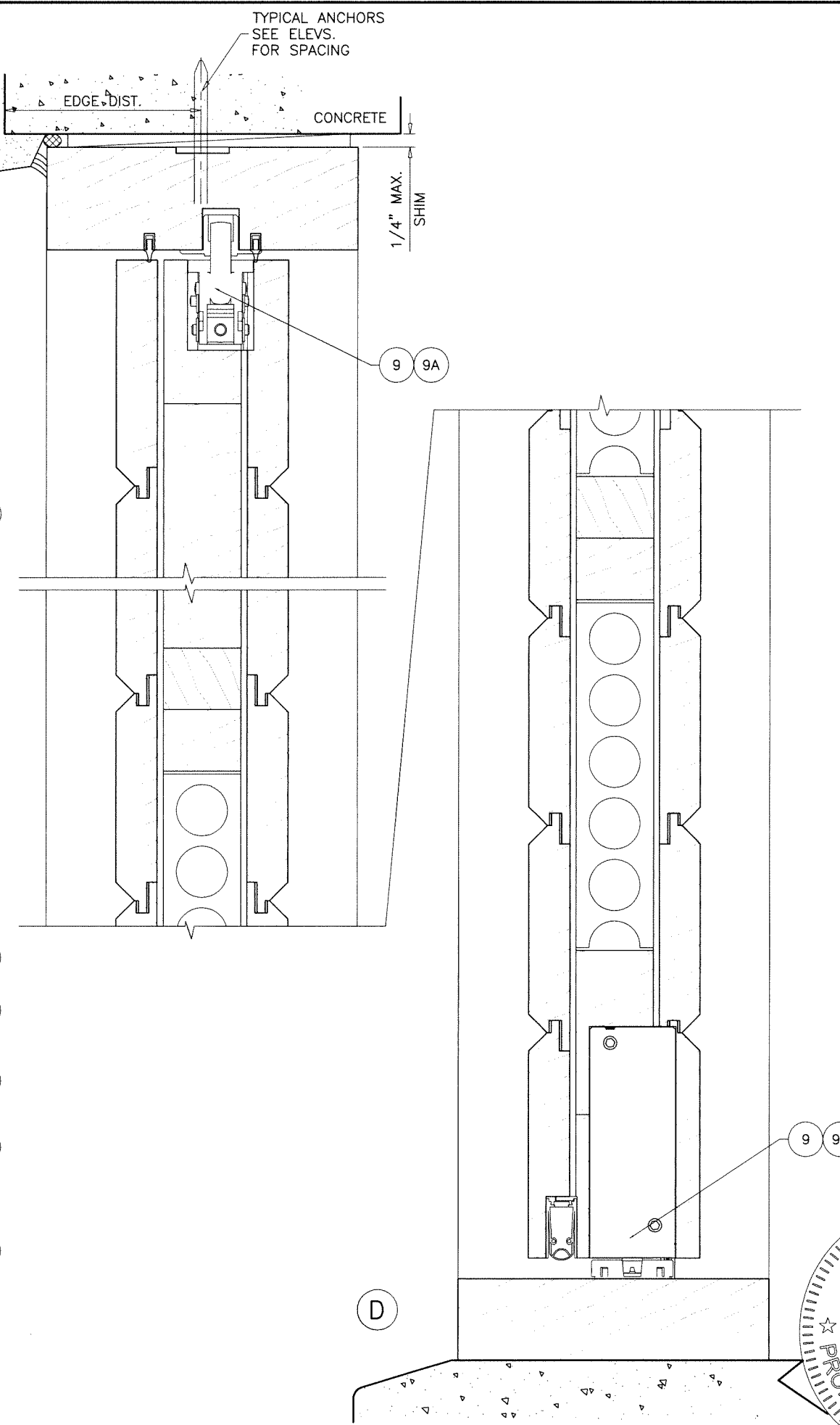
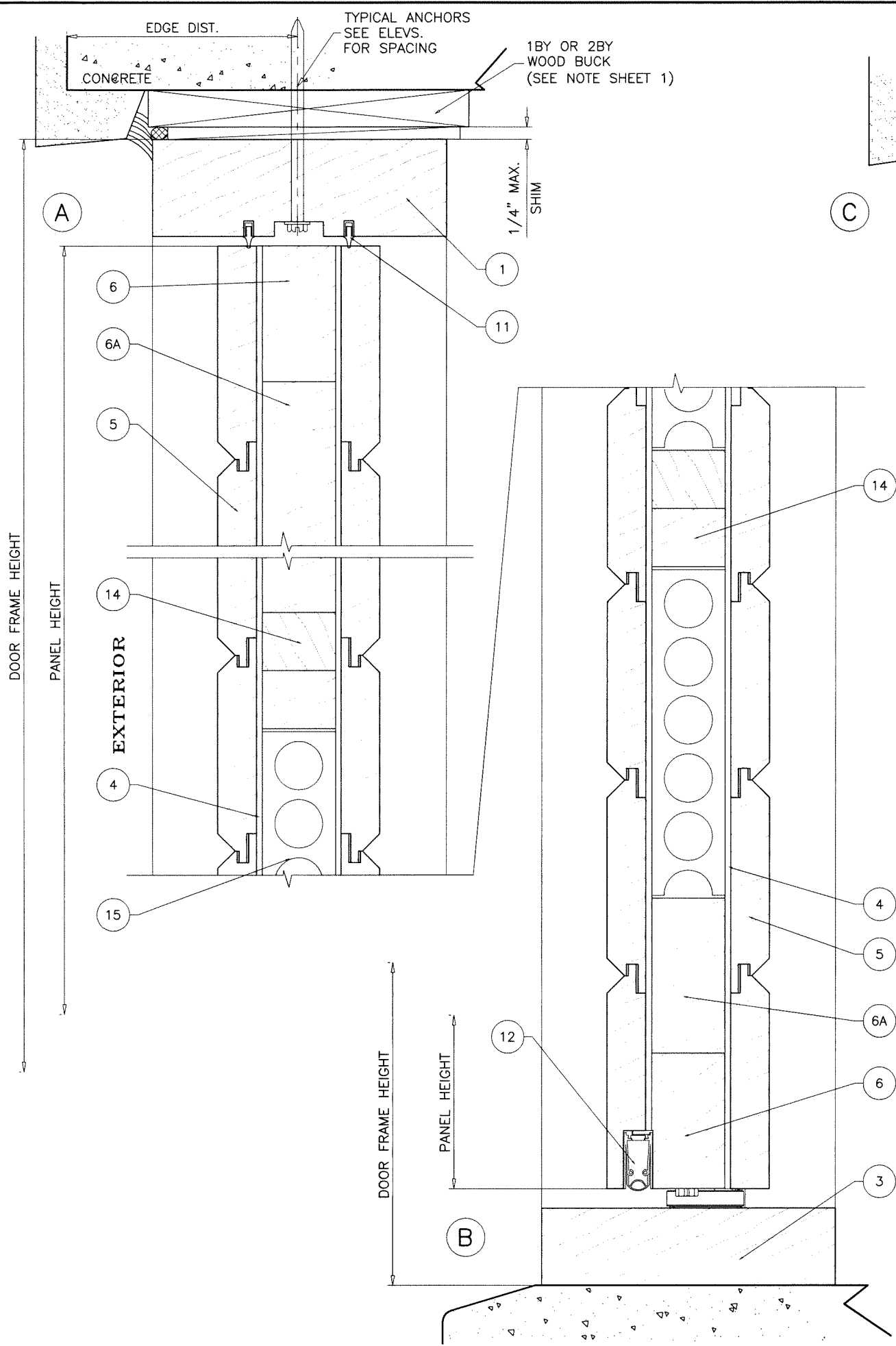
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OUTSWING OPAQUE WOOD PIVOT DOOR (L.M.I.)
THE DOOR DISTRICT
10471 N.W. 36th Street
Doral, FL. 33178
Phone: (786) 502-4752 www.thedoordistrict.com

| no | date | description |
|----|----------|-------------------------|
| A | 08.07.23 | UPDATED TO 2023 FBC |
| B | 12.05.24 | WATER INFILTRATION REV. |

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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FL #41847

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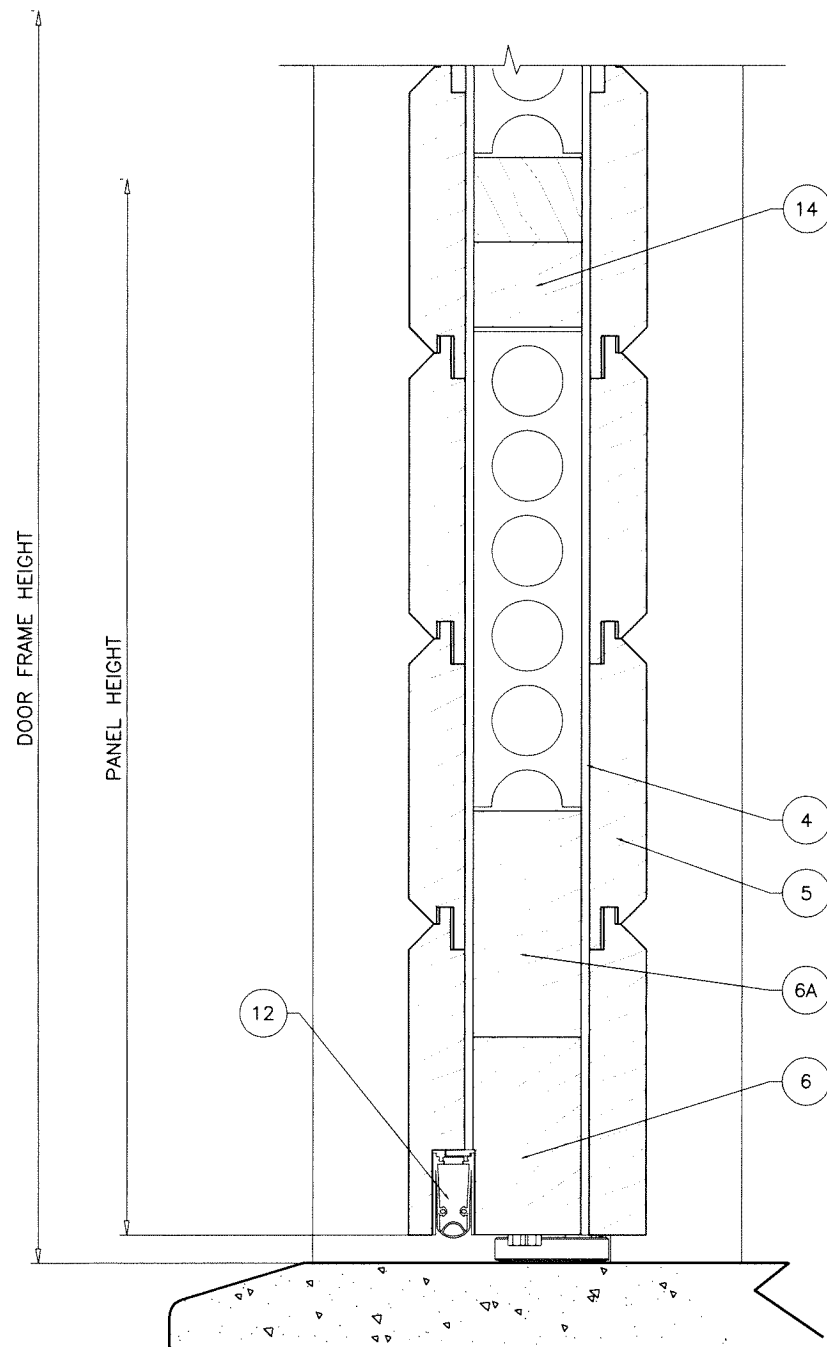
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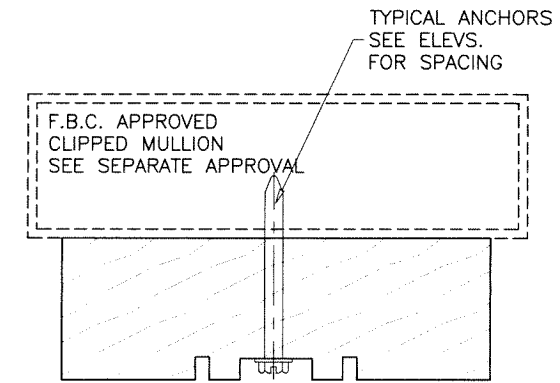
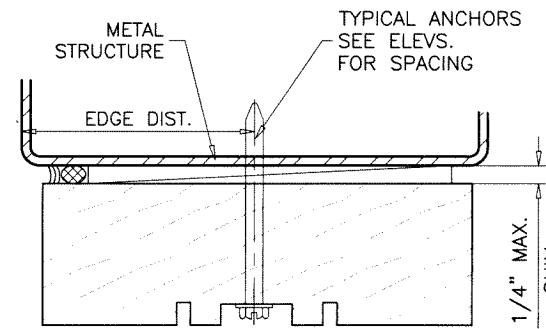
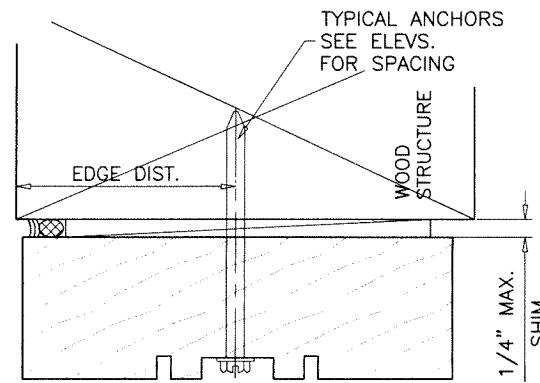
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drawing no. **22-45F**

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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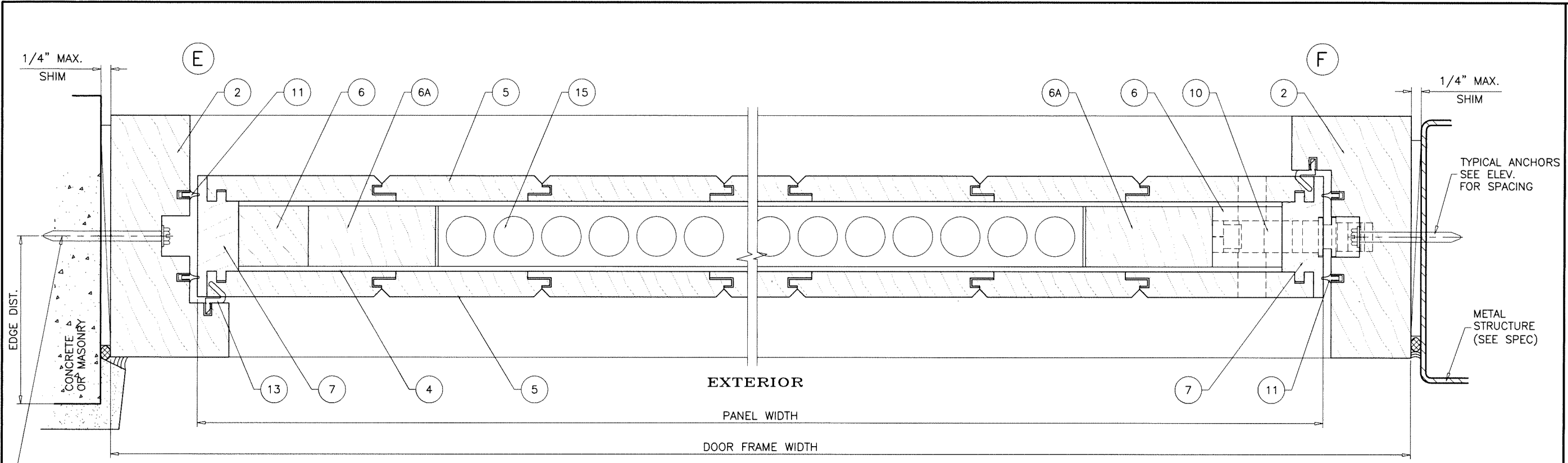


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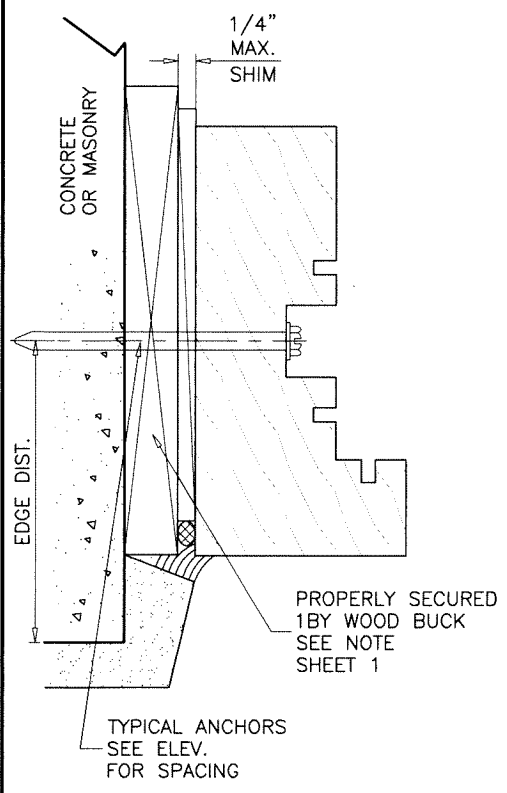
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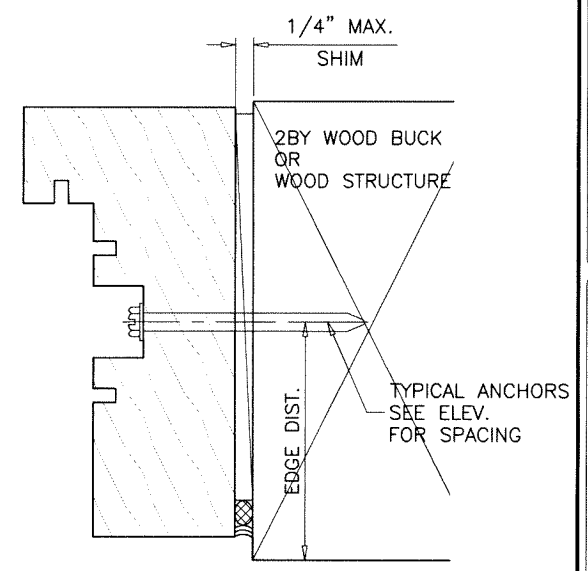


TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



PROPERLY SECURED
1BY WOOD BUCK
SEE NOTE
SHEET 1

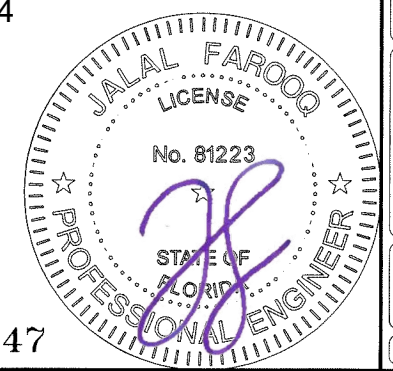
TYPICAL ANCHORS
SEE ELEV.
FOR SPACING




TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

METAL
STRUCTURE
(SEE SPEC)

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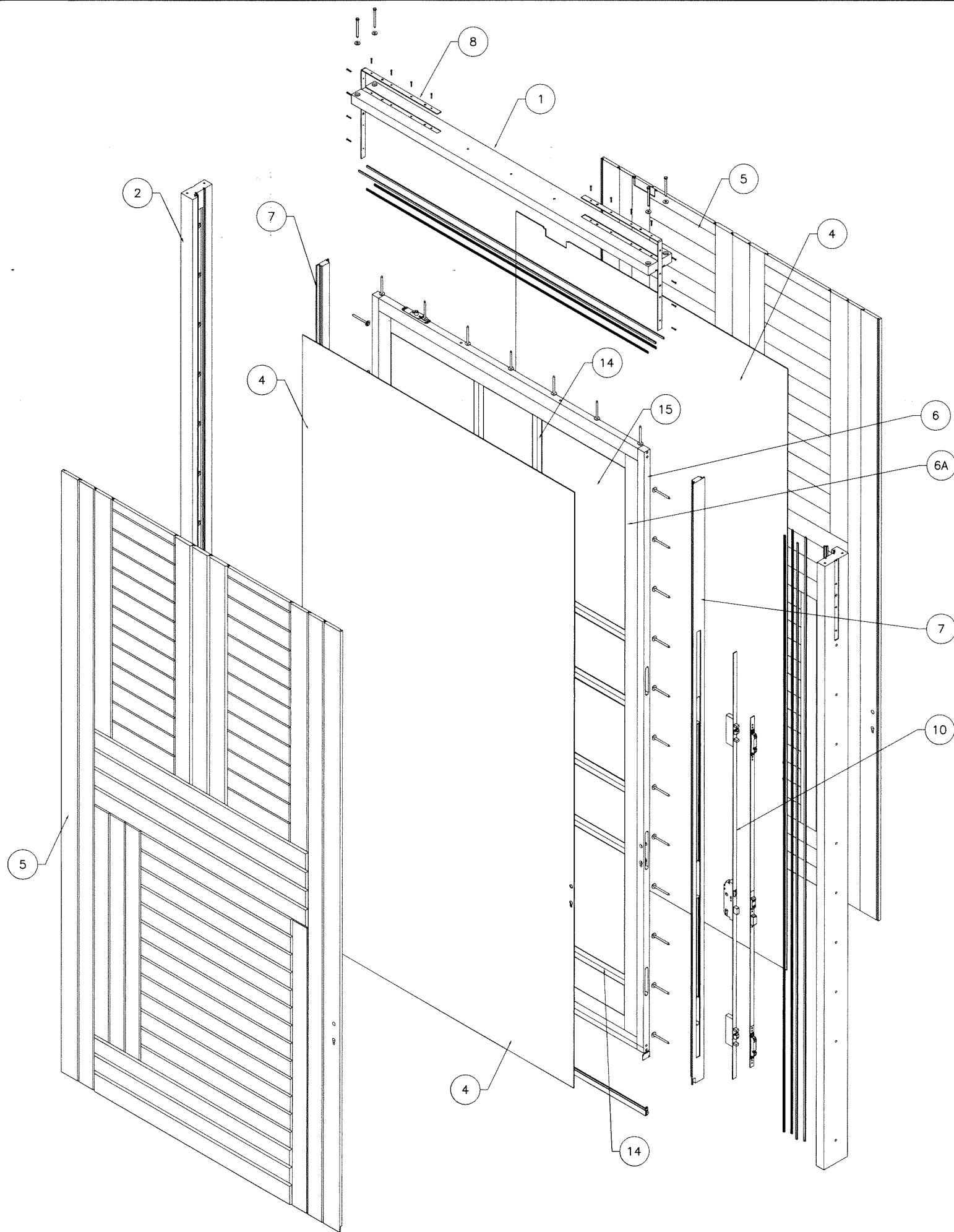
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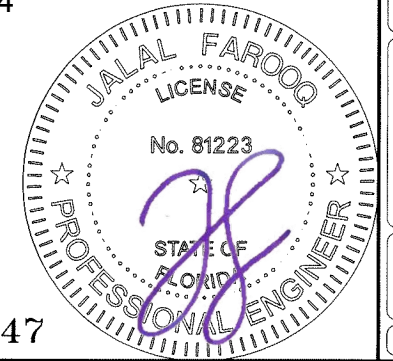


| ITEM # | REQD. | DESCRIPTION | MATERIAL | MANF./SUPPLIER/REMARKS |
|--------|----------|-------------------------------------|----------|------------------------|
| 1 | 1 | FRAME HEAD | WOOD | - |
| 2 | 2 | FRAME JAMB | WOOD | - |
| 3 | 1 | FRAME SILL | WOOD | - |
| 4 | 2 | 1/8" MEDIUM DENSITY FIBERBOARD | - | - |
| 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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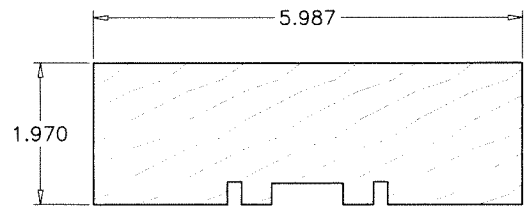


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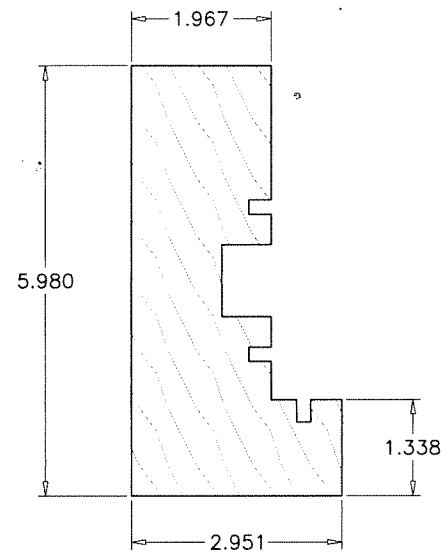
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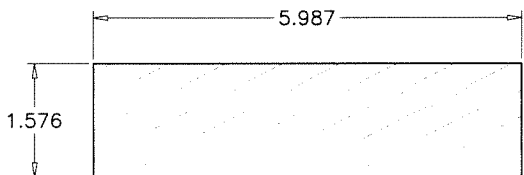
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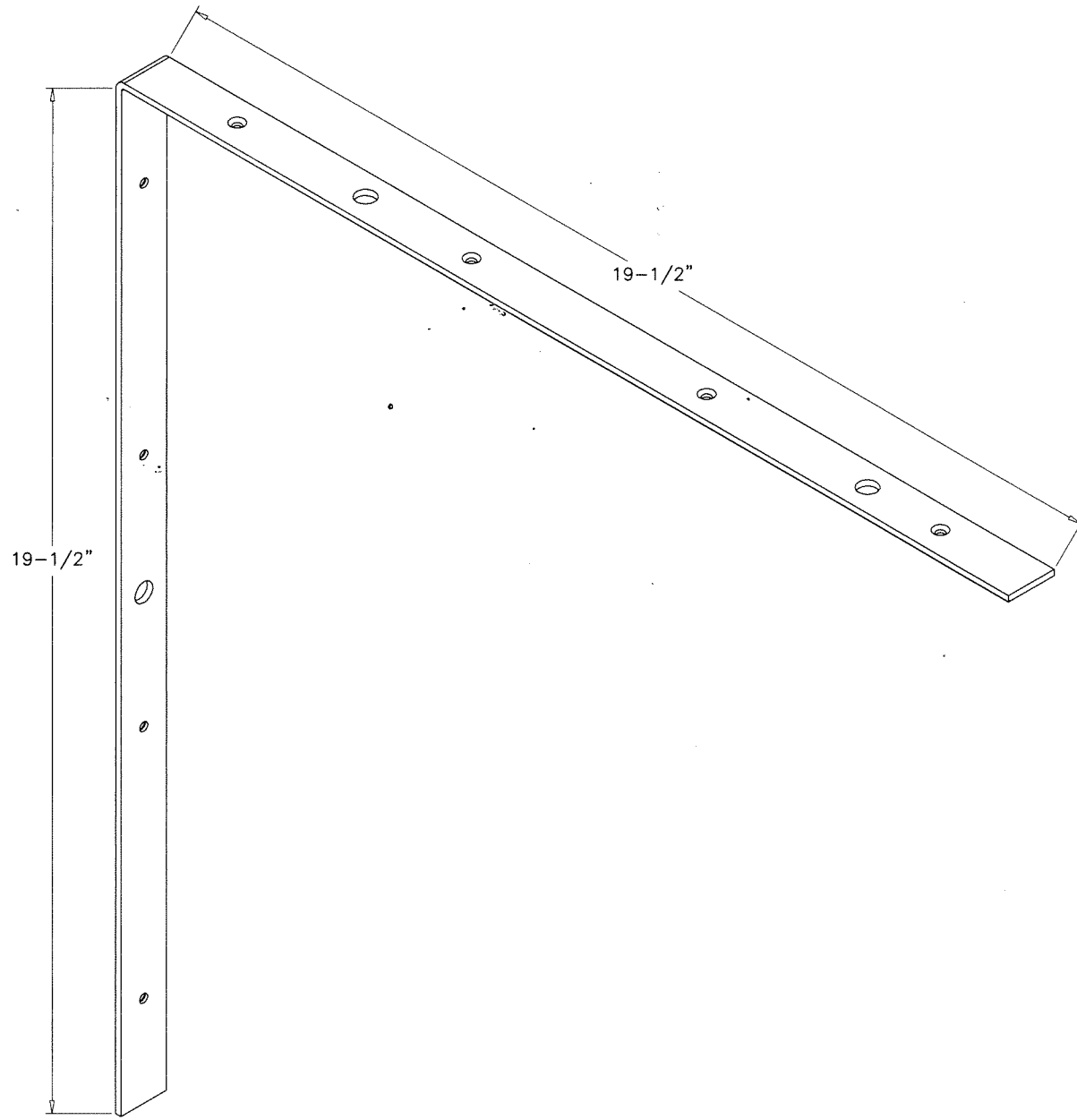
1 FRAME HEAD



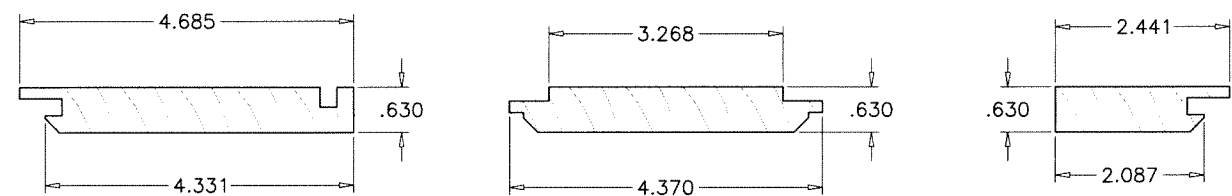
2 FRAME JAMB



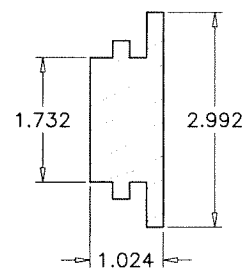
3 FRAME SILL



8 METAL STRAP

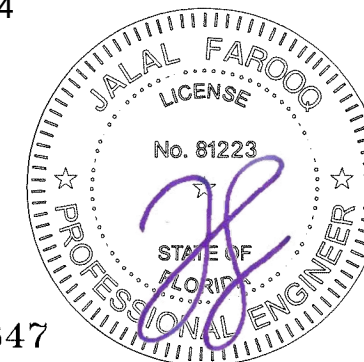


5 INTERLOCKING CLADDING SLATS



7 STILE COVER

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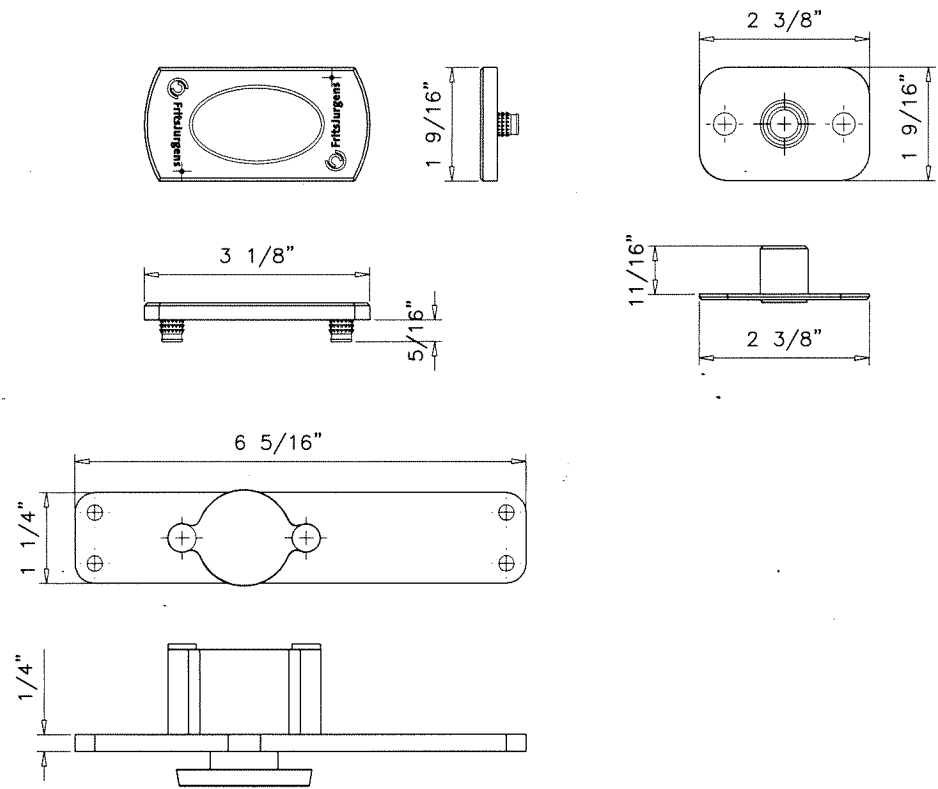
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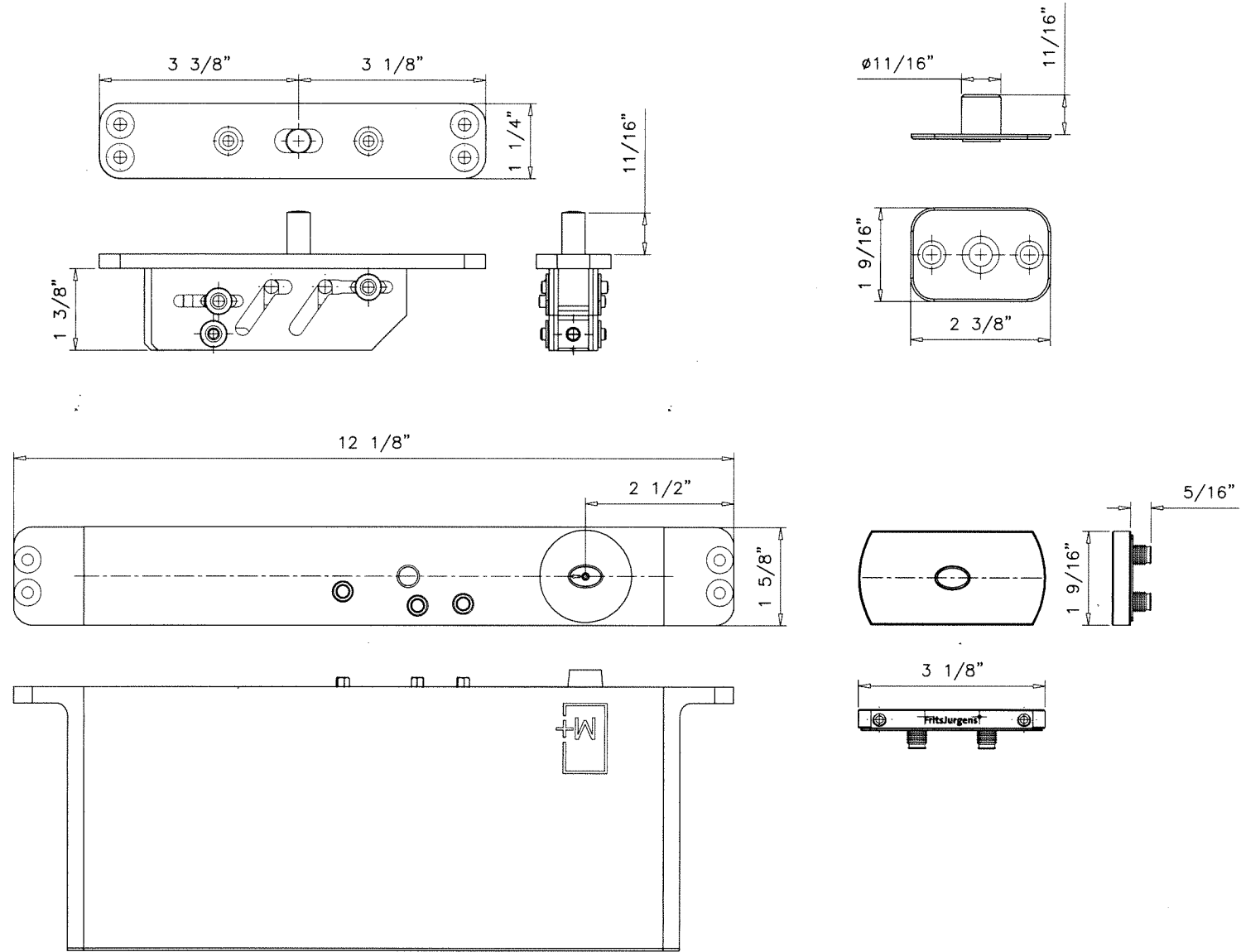
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 sheet 6 of 7

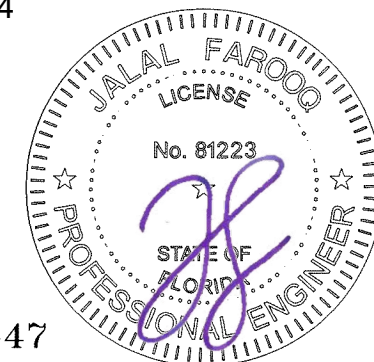


9 SYSTEM ONE PIVOT



9A M-42 SYSTEM PIVOT

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