

GLASS D.L.O. FORMULAE:
D.L.O. WIDTH = FRAME WIDTH - 11.750" (X DOORS)
= (FRAME WIDTH - 22.875")/2 (XX DOORS)
D.L.O. HEIGHT = FRAME HEIGHT - 15.563"

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.

INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA MUST MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

DOORS APPROVED FOR INSTALLATION WHERE WATER INFILTRATION
RESISTANCE IS REQUIRED.

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

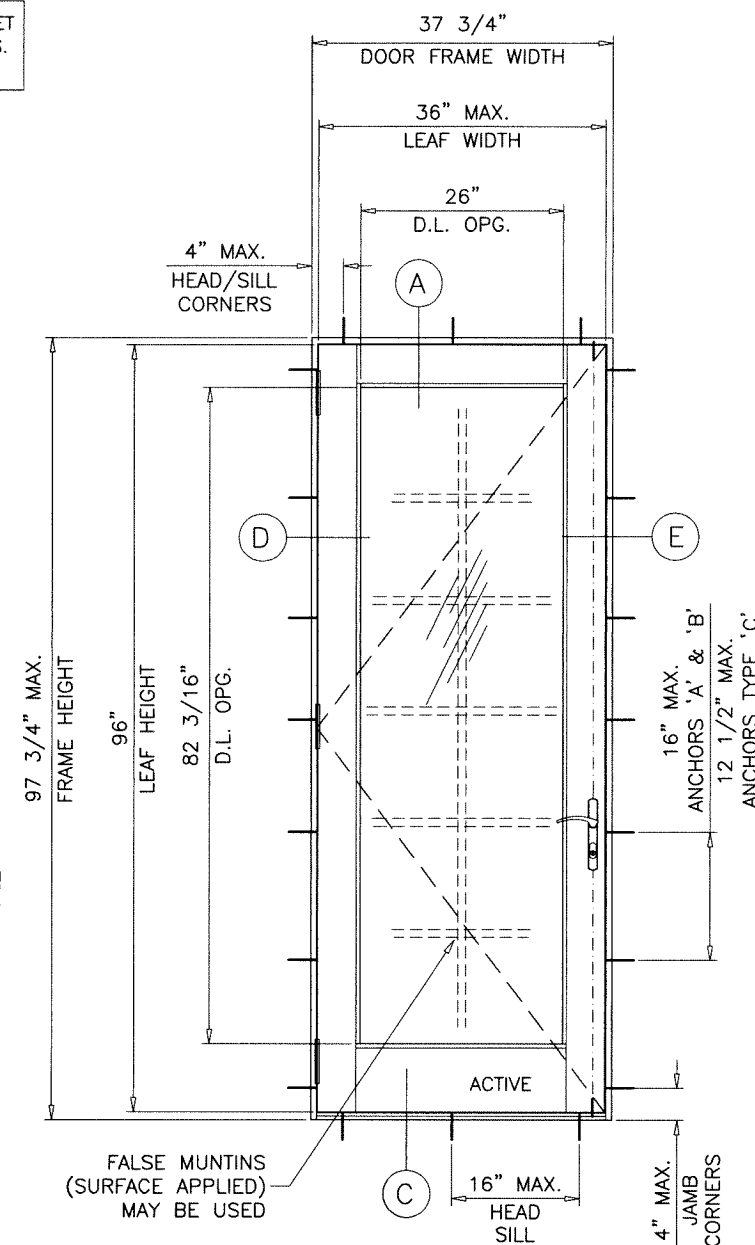
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023/2026 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.

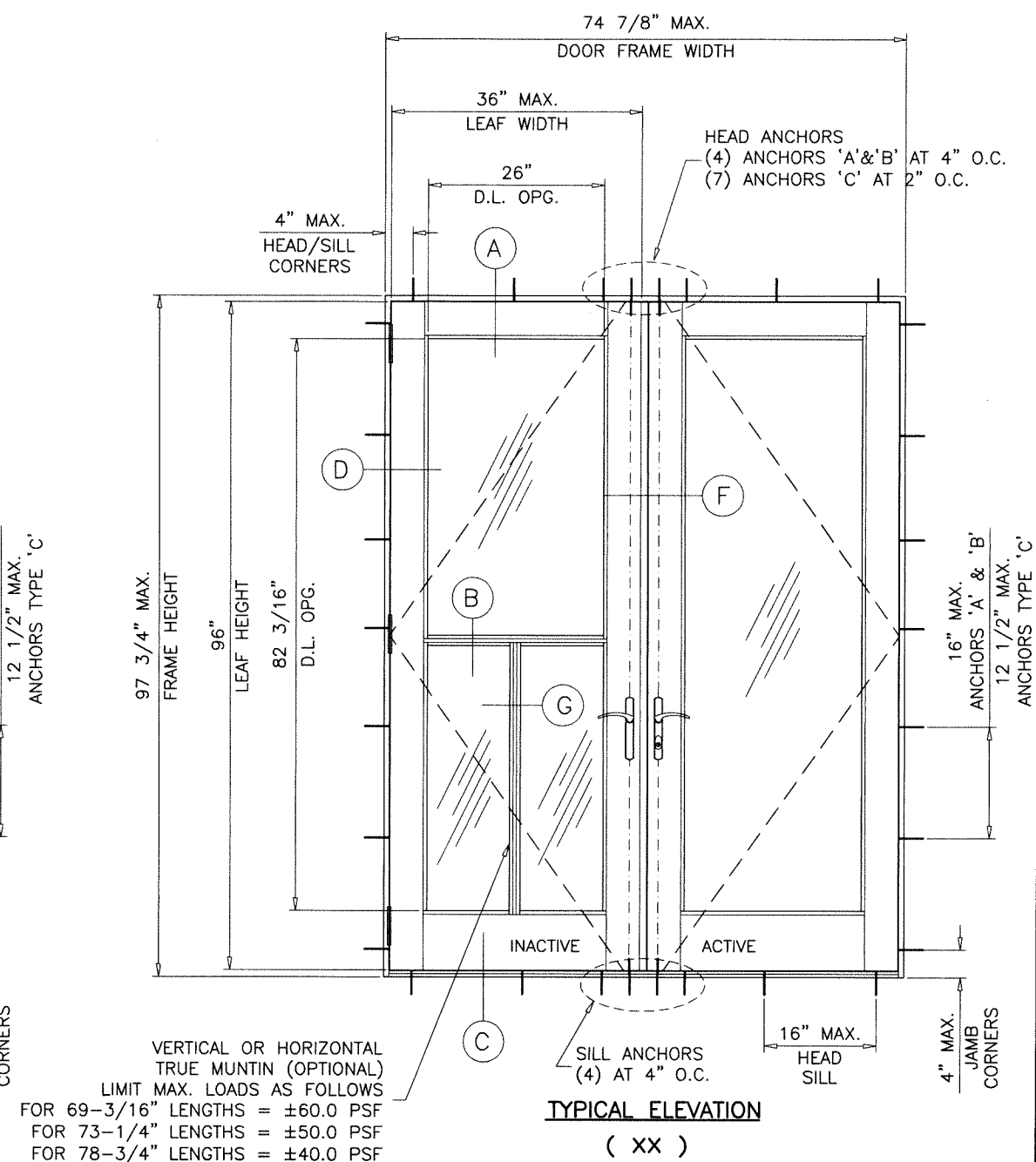


TYPICAL ELEVATION
(X)

SINGLE DOOR (X) LOAD CAPACITY – PSF			
DOOR DIMS.		GLASS 'A', 'A1', 'A2' & SHAKER/RAISED PANEL	
FRAME WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)
37-3/4"	82"	60.0	71.5
37-3/4"	84"	60.0	69.8
37-3/4"	90"	60.0	65.2
37-3/4"	96"	60.0	61.1
37-3/4"	97-3/4"	60.0	60.0

NOTE:
EGRESS REQUIREMENTS TO BE REVIEWED
BY BUILDING OFFICIAL.

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219



TYPICAL ELEVATION
(XX)

DOUBLE DOOR (XX) LOAD CAPACITY - PS			
DOOR DIMS.		GLASS 'A', 'A1', 'A2' & SHAKER/RAISED PANEL	
FRAME WIDTH	FRAME HEIGHT	EXT.(+)	INT.(-)
74-7/8"	82"	60.0	71.5
74-7/8"	84"	60.0	69.8
74-7/8"	90"	60.0	65.2
74-7/8"	96"	60.0	61.1
74-7/8"	97-3/4"	60.0	60.0

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.

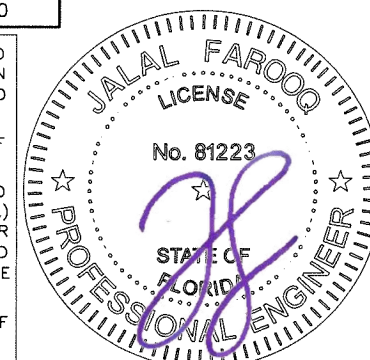
B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

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.

Sealed: 9/17/2026

FL #27973



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL (305) 264-8100 FAX (305) 262-6978

OUTSWING WOOD ENTRANCE DOOR (N.I.)

Exclusive Wood Doors, Inc.
2000 N.W. 95Th Ave.

Doral, FL. 33172

Tel. (305) 477-2278

Tel. (305) 477-2278 Fax. (305) 477-7140

date: 07-23-18

scale: 1/2"=1'-0"

dr. by: TARIQ

chk. by:

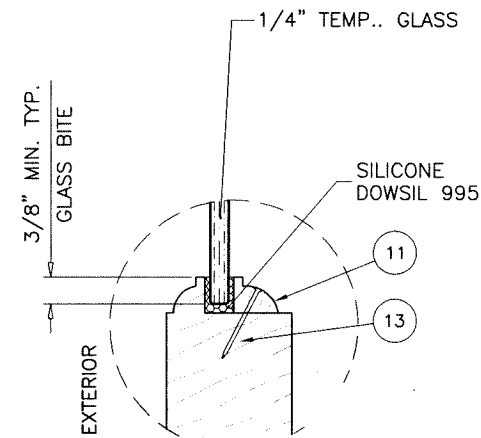
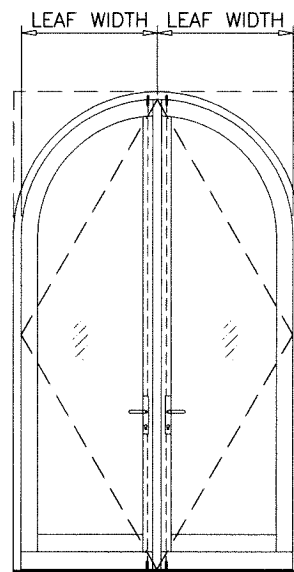
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no	date	by	description
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B	09.16.26		UPDATED TO 2026 FBC

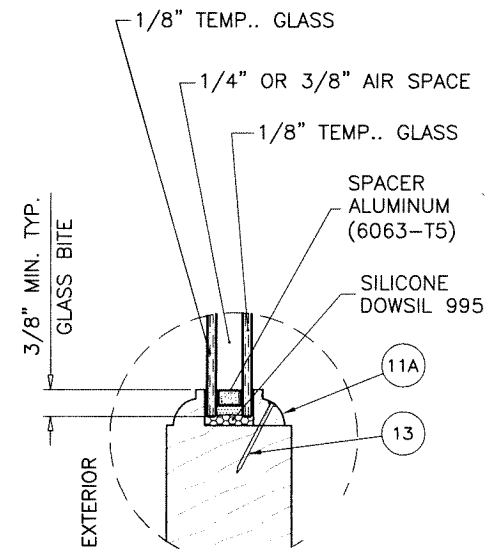
drawing no.

18-72F

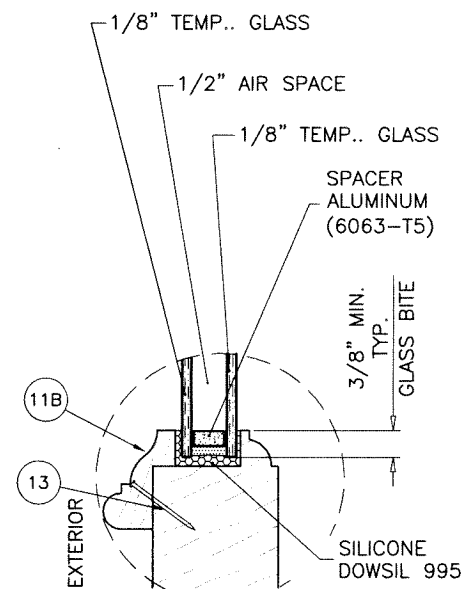
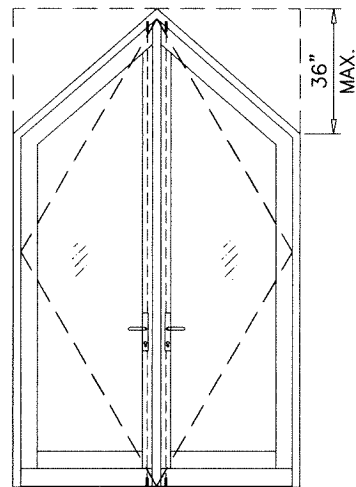
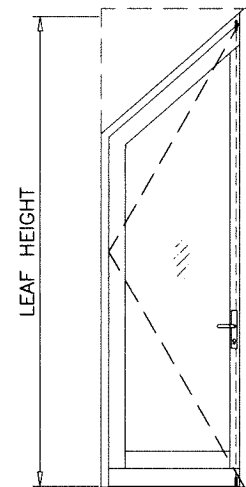
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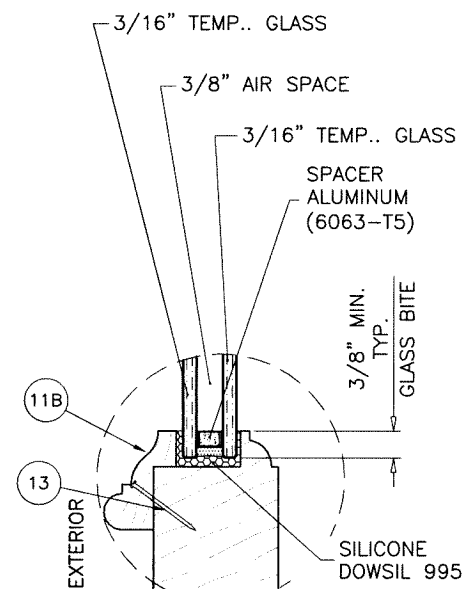
GLASS TYPE 'A'



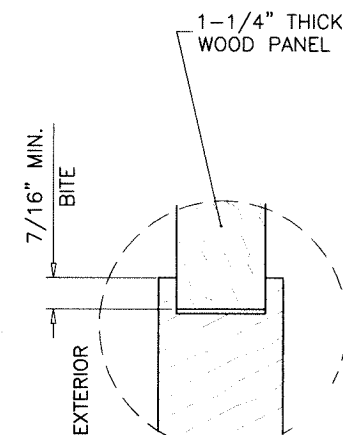
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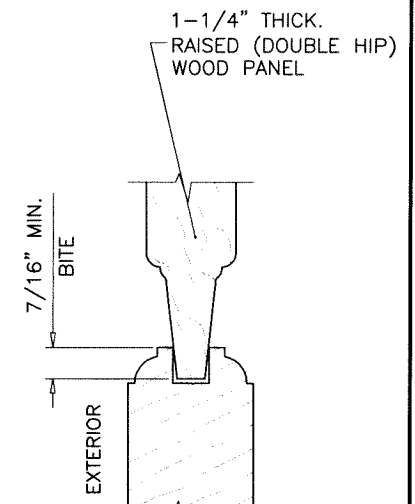
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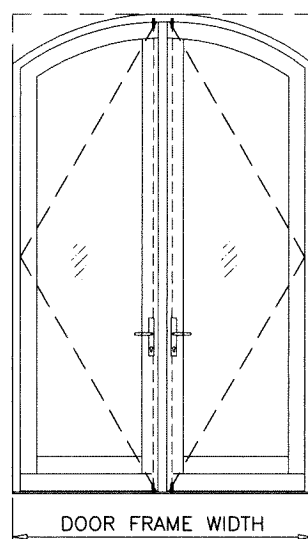
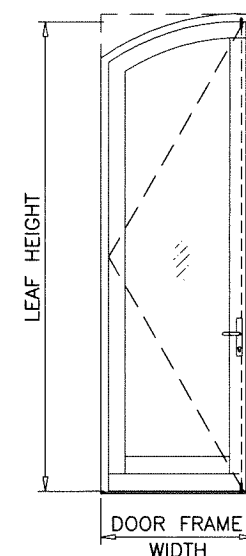
GLASS TYPE 'A2'



SHAKER PANEL



RAISED PANEL

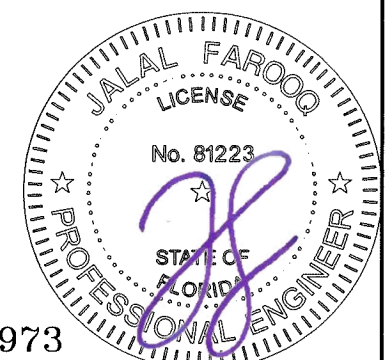


(X)

(xx)

ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING DOOR SHAPE WITHIN RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

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no	date	by	description
revisions:			

date: 07-23-18

scale: $1/2'' = 1' - 0''$

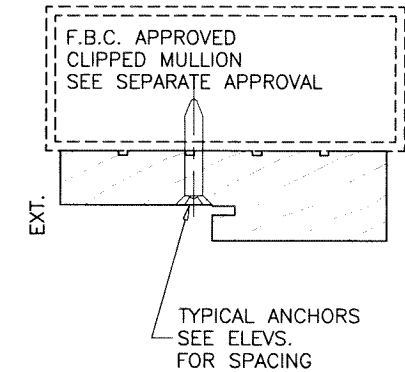
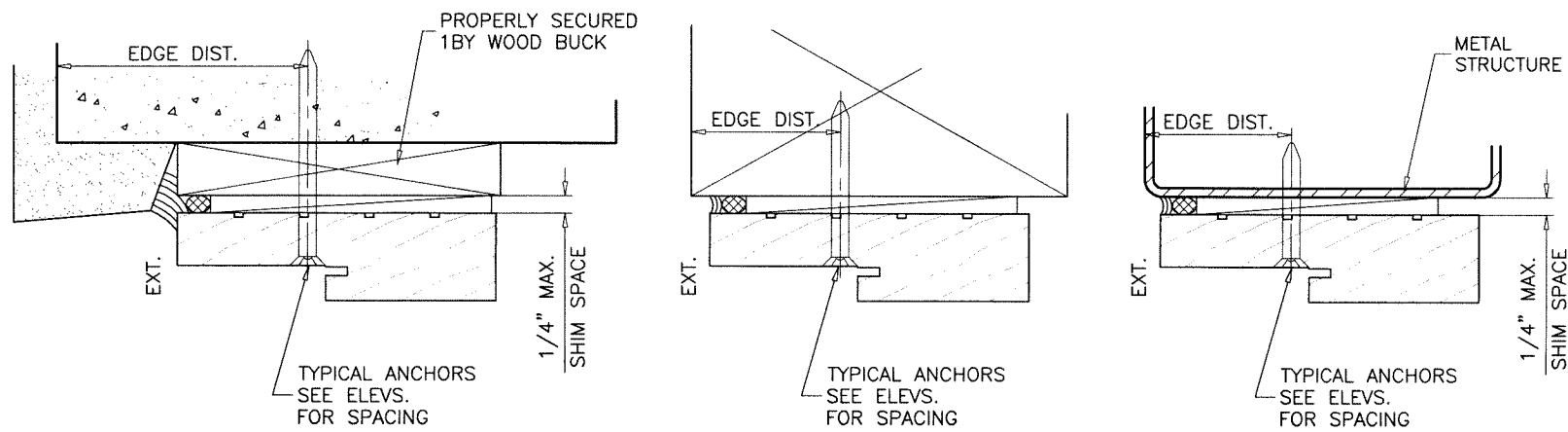
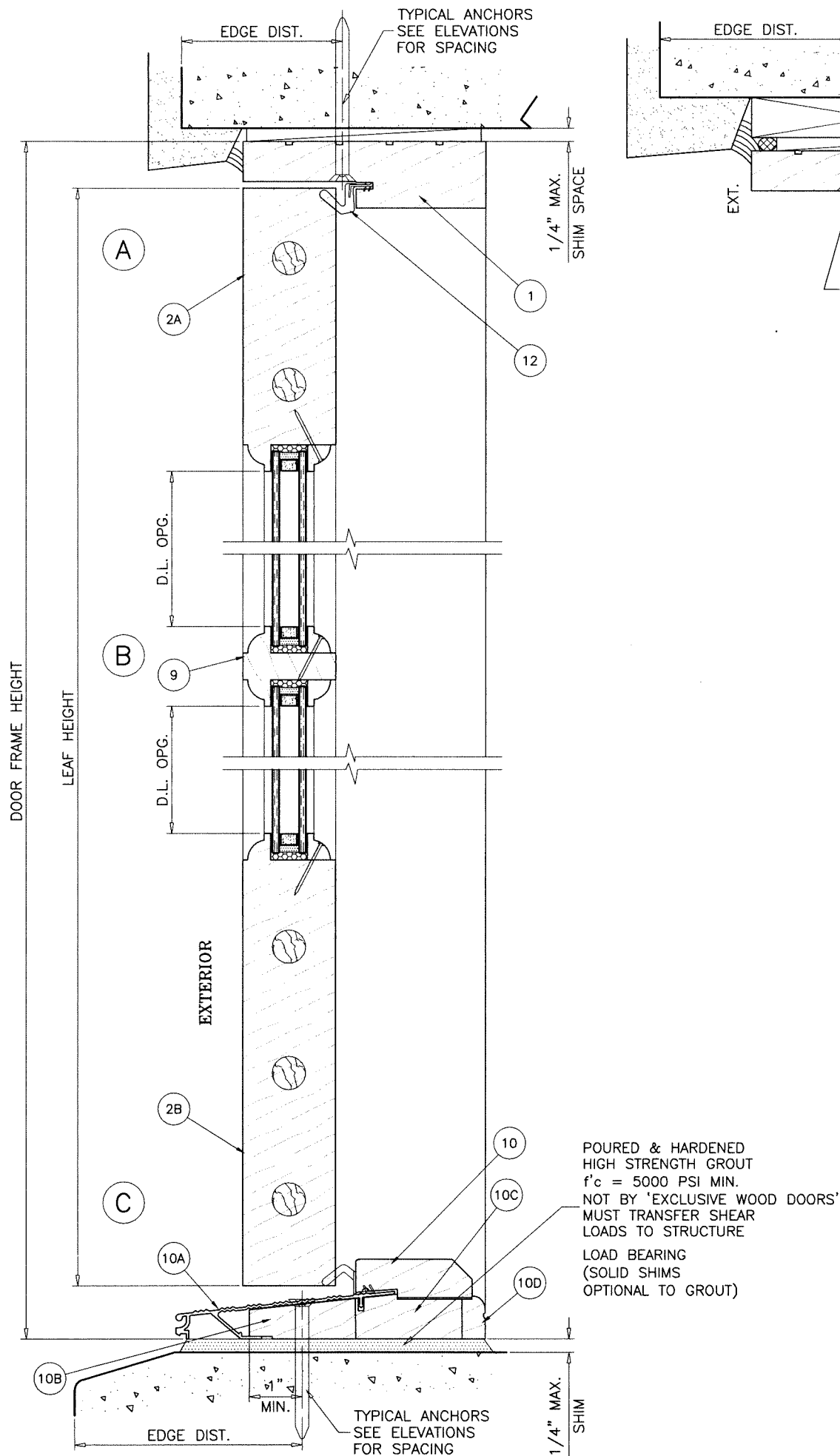
Dr. by: TARIQ

chk. by:

drawing no.

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1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY 'EXCLUSIVE WOOD DOORS' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

TYPE 'A' - #14 WOOD SCREWS (GRADE 2 CRS)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

TYPE 'B' - 1/4" DIA. TAPCON BY 'ITW' ($F_u=125$ KSI, $F_y=100$ KSI)
THRU 1BY BUCKS INTO CONC. OR BLOCKS
1-1/2" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)
DIRECTLY INTO CONCRETE OR BLOCKS
1-1/2" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

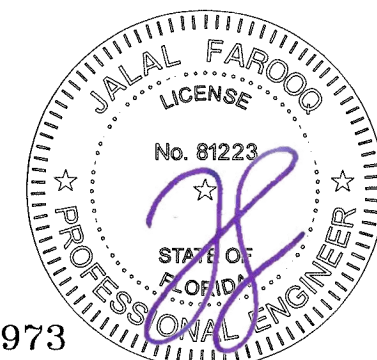
TYPE 'C' - 1/4-20 TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)
INTO F.B.C. APPROVED MULLIONS
OR
INTO METAL STRUCTURES (HEAD/JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. ($F_y = 36$ KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

CRITICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.

WOOD AT HEAD 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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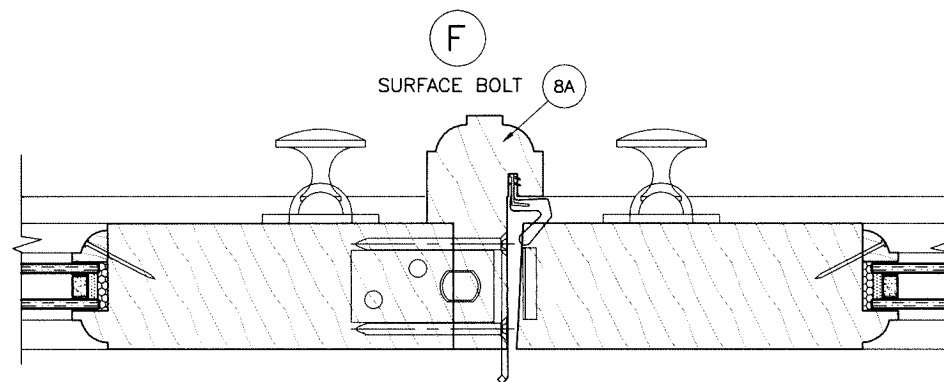
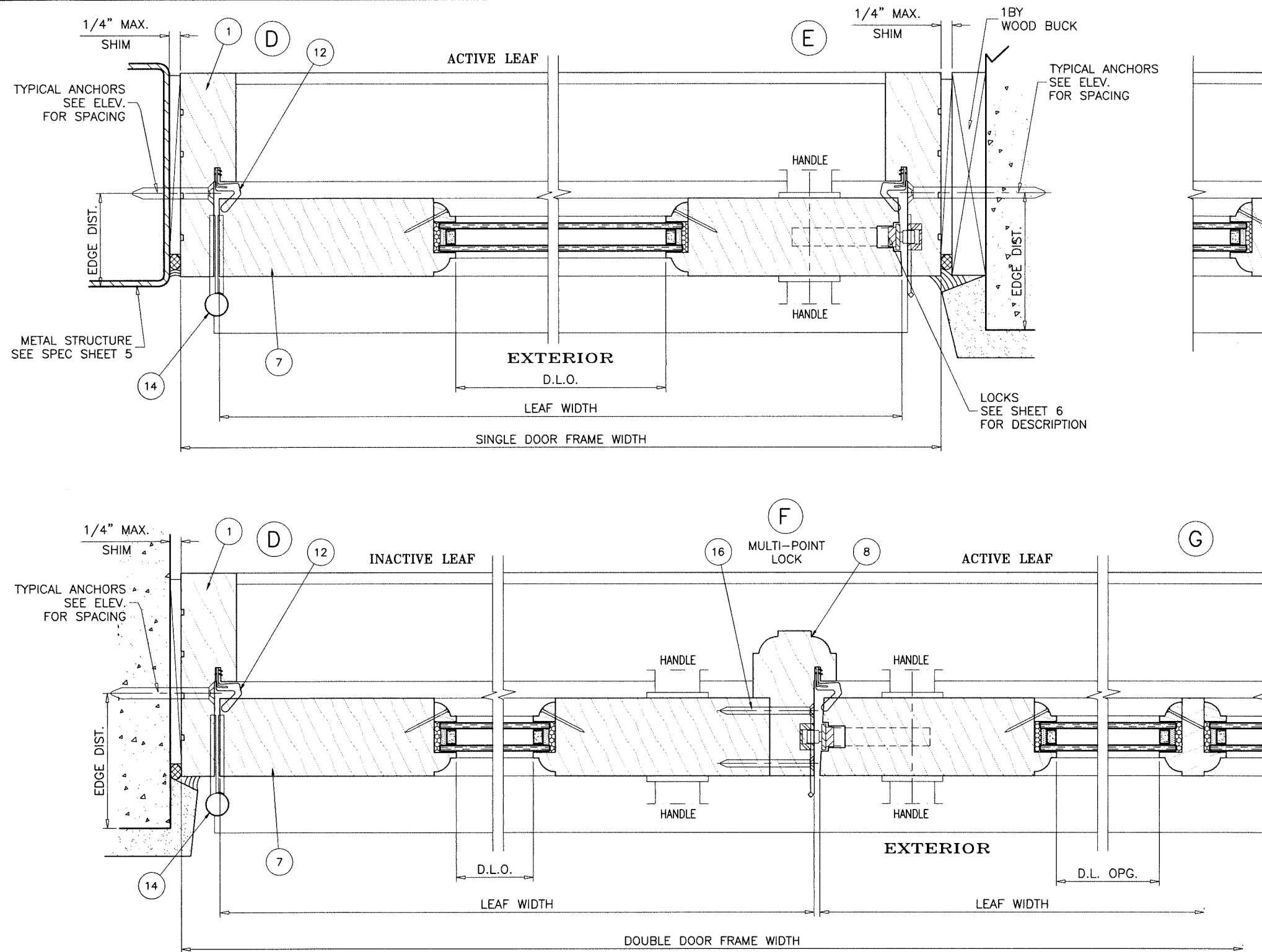
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COMP-ANL 18-72F-EWD

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date:	07-23-18			
scale:	3/8" = 1"			
dr. by:	TARIQ			
chk. by:				
drawing no.	18-72F			
sheet	4 of 10			



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ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	—	3	FRAME HEAD/ JAMB	WOOD	MAHOGANY
2A	—	1/ LEAF	TOP RAILS	WOOD	MAHOGANY
2B	—	1/ LEAF	BOTTOM RAILS	WOOD	MAHOGANY
4	—	AS REQD.	RAIL EXTENSIONS	WOOD	MAHOGANY
5	—	1/ LEAF	TOP RAIL SHAKER PANEL	WOOD	MAHOGANY
6	—	1/ LEAF	BOTTOM RAIL SHAKER PANEL	WOOD	MAHOGANY
7	—	AS REQD.	HINGE/LOCK STILES	WOOD	MAHOGANY
8	—	AS REQD.	ASTRAGAL STILE (MULTI-POINT LOCK)	WOOD	MAHOGANY
8A	—	AS REQD.	ASTRAGAL STILE (SURFACE BOLTS)	WOOD	MAHOGANY
9	—	AS REQD.	TRUE MUNTIN	WOOD	MAHOGANY
10	—	1	THRESHOLD COVER	WOOD	MAHOGANY
10A	—	1	THRESHOLD	6063-T6	MAHOGANY
10B	—	1	EXTERIOR SILL FRAME	WOOD	MAHOGANY
10C	—	1	INTERIOR SILL FRAME	WOOD	MAHOGANY
10D	—	1	INTERIOR COVER	WOOD	MAHOGANY
11	—	4/ LEAF	GLASS STOP	WOOD	MAHOGANY
11A	—	4/ LEAF	GLASS STOP	WOOD	MAHOGANY
11B	—	4/ LEAF	GLASS STOP	WOOD	MAHOGANY
12	—	AS REQD.	Q-LON WEATHERSEAL	—	—
13	—	—	18 GA. X 1-1/4" BRAD NAILS	—	2" FROM ENDS & 12" O.C.
14	—	4/ LEAF	BUTT HINGES	BRASS/STEEL	—
15	#10 X 2-1/2"	AS REQD.	FRAME ASSEMBLY FASTENERS	ST. STEEL	FH SCREWS
16	#7 X 2-1/4"	AS REQD.	ASTRAGAL FASTENERS	ST. STEEL	FH SCREWS, AT 1" FROM ENDS & 18" O.C.

TYPICAL WOOD MAHOGANY LUMBER
SPECIFIC GRAVITY = 0.44 MIN.
GRADE = 2 MIN.
MOISTURE CONTENT = 19% MAX.

LOCKS:

OPTION #1:

ACTIVE LEAF:

MULTI-POINT LOCK ASSEMBLY BY 'GU'
(3) LOCKING POINTS ENGAGING TO INACTIVE LEAF
3/8" DIA. BOLTS WITH 3/4" THROW (1) AT TOP ENGAGING FRAME
HEAD AND (1) AT BOTTOM ENGAGING FRAME SILL
LOCK HANDLE LOCATED AT 35" FROM BOTTOM

INACTIVE LEAF:

2 POINT LOCK ASSEMBLY BY 'GU'
3/8" DIA. BOLTS WITH 3/4" THROW AT TOP AND BOTTOM ENGAGING
FRAME HEAD AND FRAME SILL
LOCK LOCATED AT 35" FROM BOTTOM

OPTION #2:

ACTIVE LEAF:

SURFACE BOLTS BY 'DELTANA' (10" MIN.)
SURFACE MOUNTED AT TOP AND BOTTOM
OF LOCK STILE WITH
(4) #8 X 1-1/4" SCREWS

INACTIVE LEAF

SURFACE BOLTS BY 'DELTANA' (8" MIN.)
SURFACE MOUNTED AT TOP AND BOTTOM
OF LOCK STILE WITH
(4) #8 X 1-1/4" SCREWS
CONCEALED FLUSH BOLTS BY 'DELTANA'
LOCATED AT 18" FROM TOP AND 12"
FROM BOTTOM ON THE ASTRAGAL
FASTENED WITH
(2) #8 X 1" SCREWS

STEEL HINGES:

BY 'DELTANA' FASTENED TO FRAME AND LEAF WITH
(4) #9 X 1" SCREWS

SOLID BRASS HINGES:

BY 'DELTANA' FASTENED TO FRAME AND LEAF WITH
(4) #12 X 1-1/4" SCREWS

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
WHITE/ALUMINUM COLORED SILICONE.

Sealed: 9/17/2026



FL #27973

afcc

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revisions:

no	date	by	description

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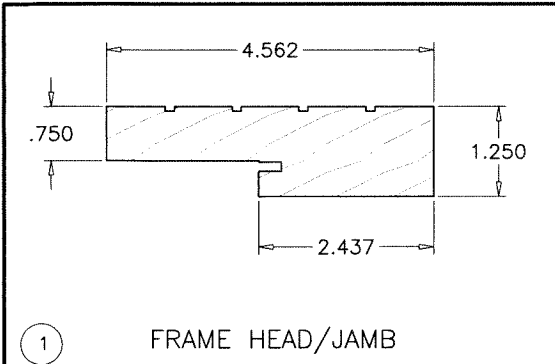
dr. by: TARIQ

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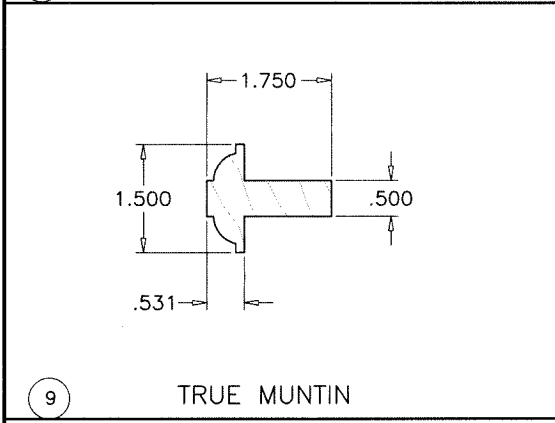
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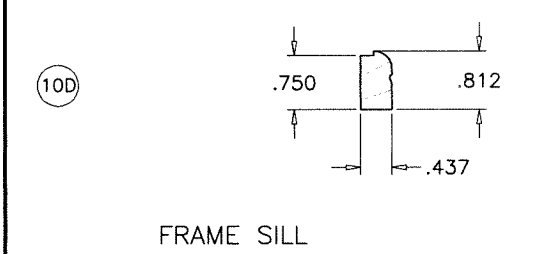
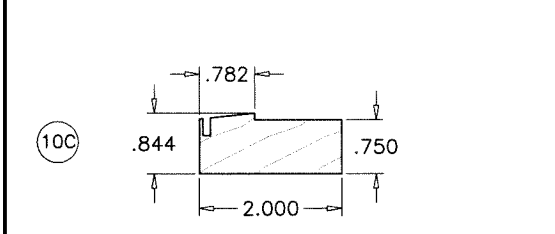
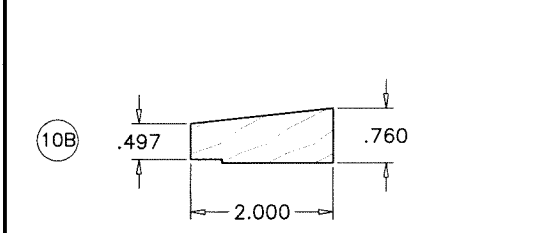
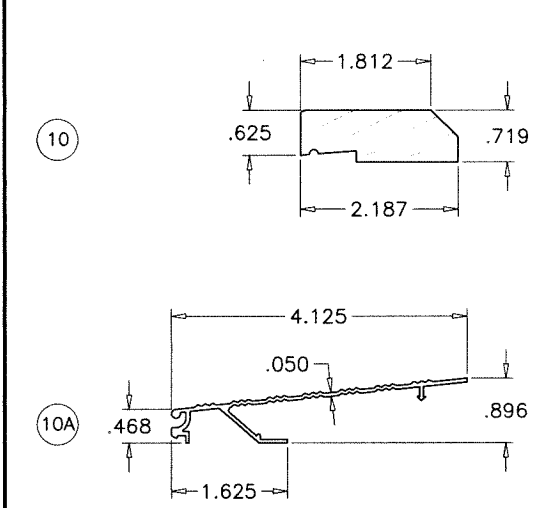
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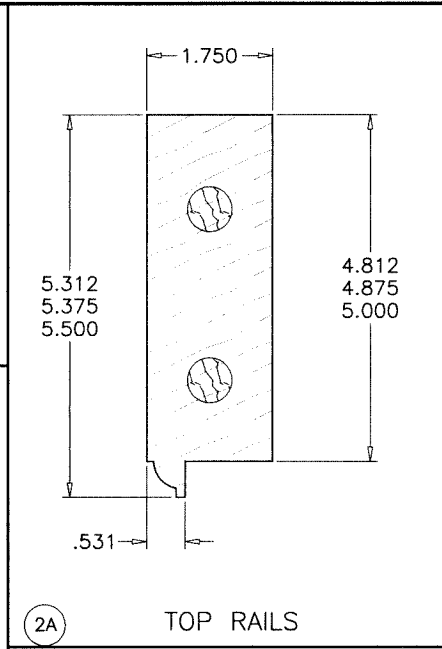
1 FRAME HEAD/JAMB



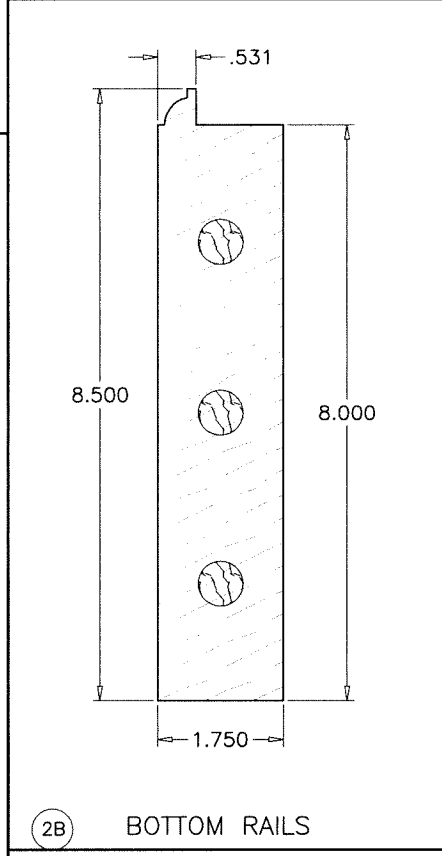
9 TRUE MUNTIN



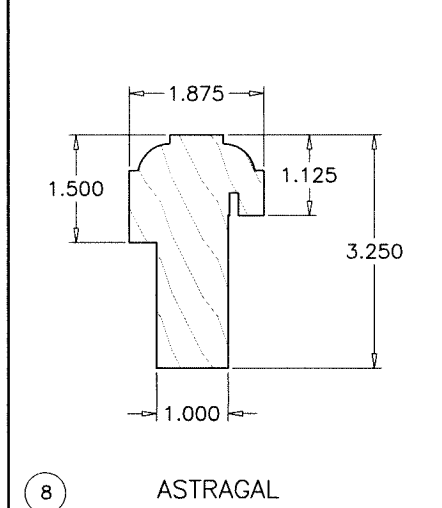
FRAME SILL



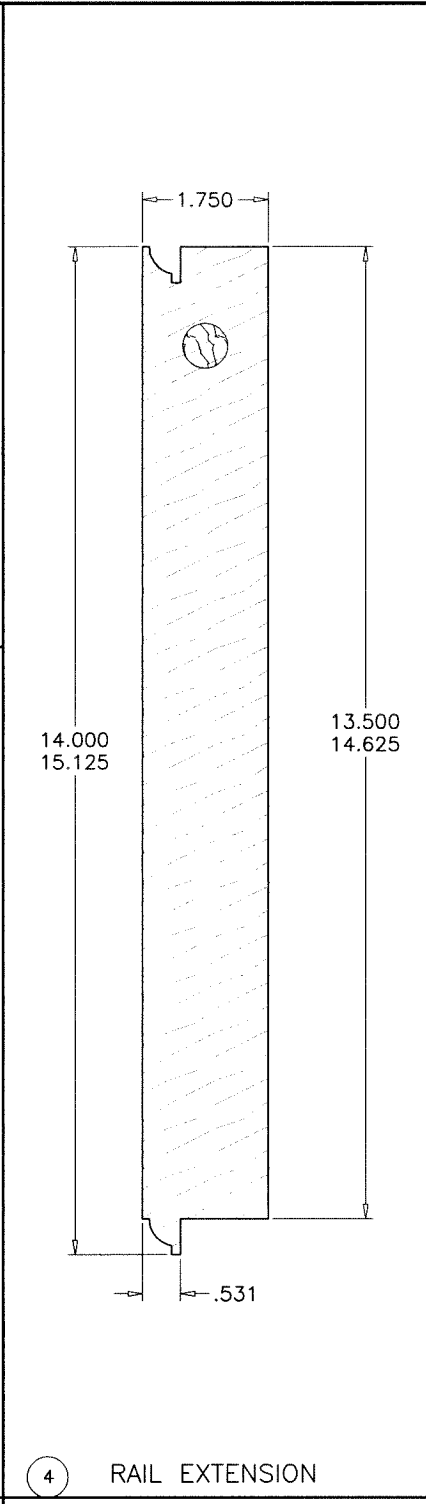
2A TOP RAILS



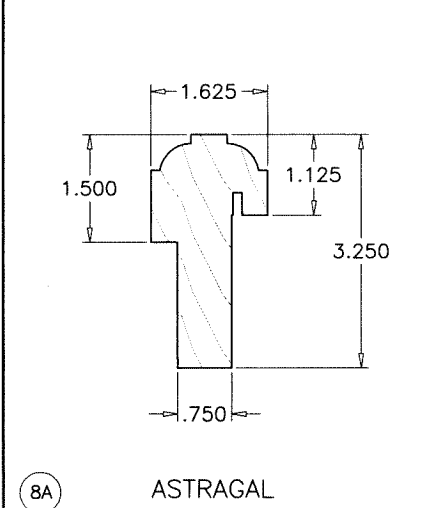
2B BOTTOM RAILS



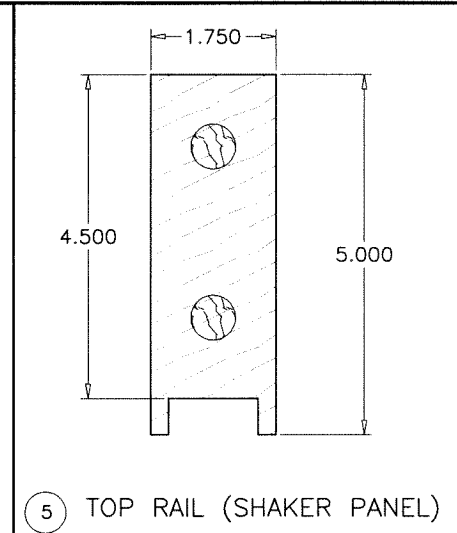
8 ASTRAGAL



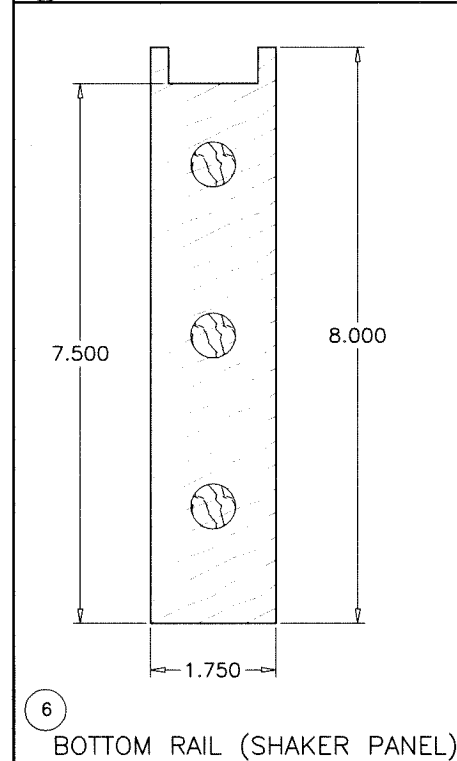
4 RAIL EXTENSION



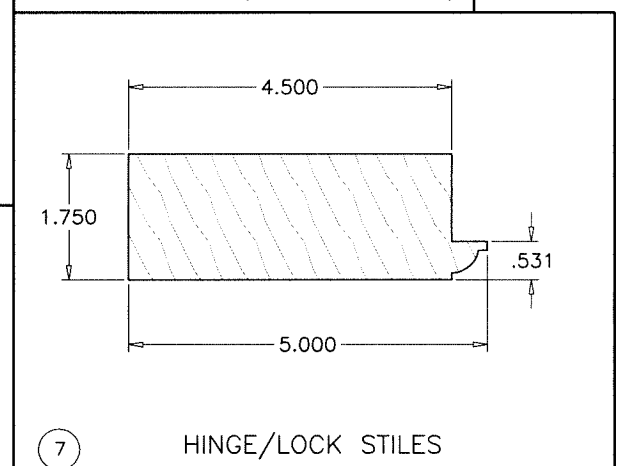
8A ASTRAGAL



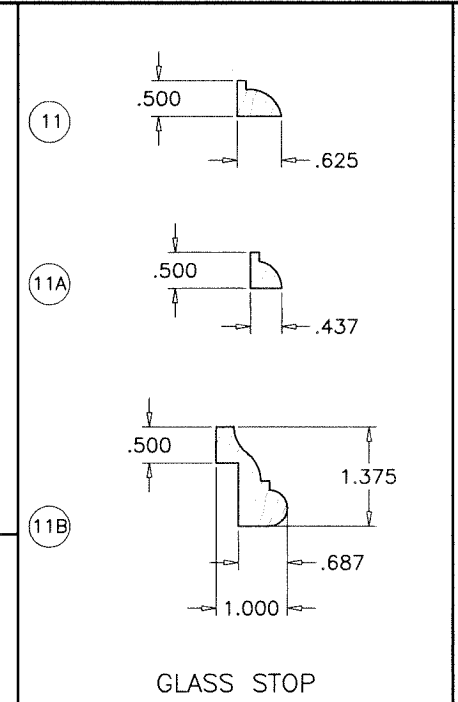
5 TOP RAIL (SHAKER PANEL)



6 BOTTOM RAIL (SHAKER PANEL)



7 HINGE/LOCK STILES



GLASS STOP

FL #27973

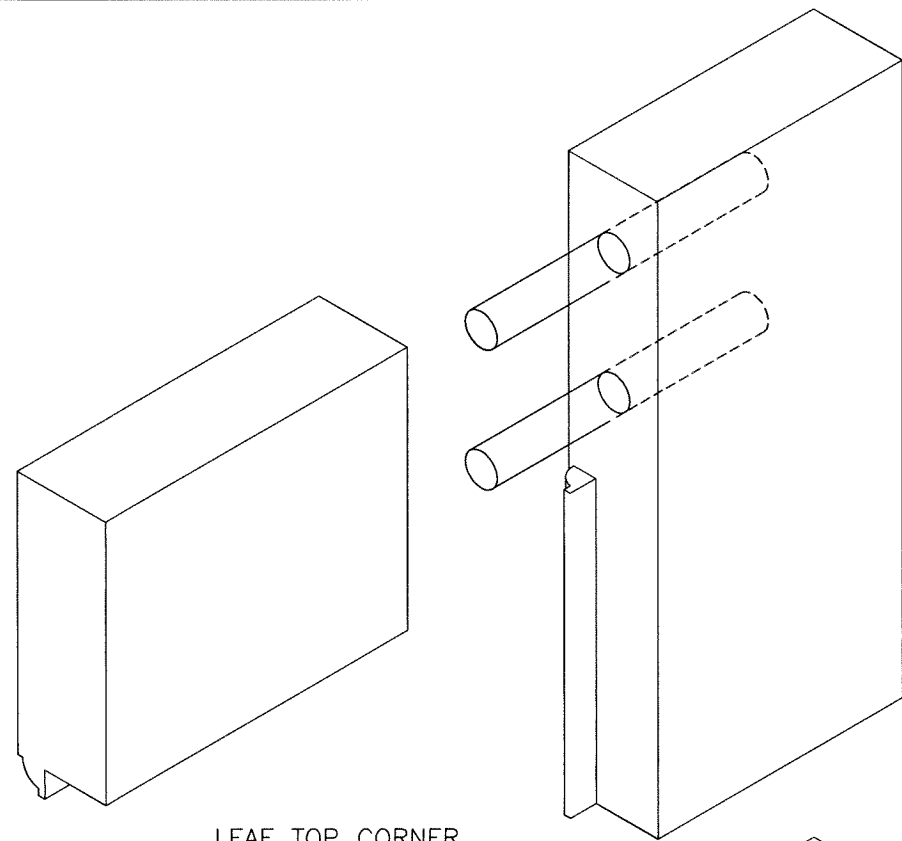


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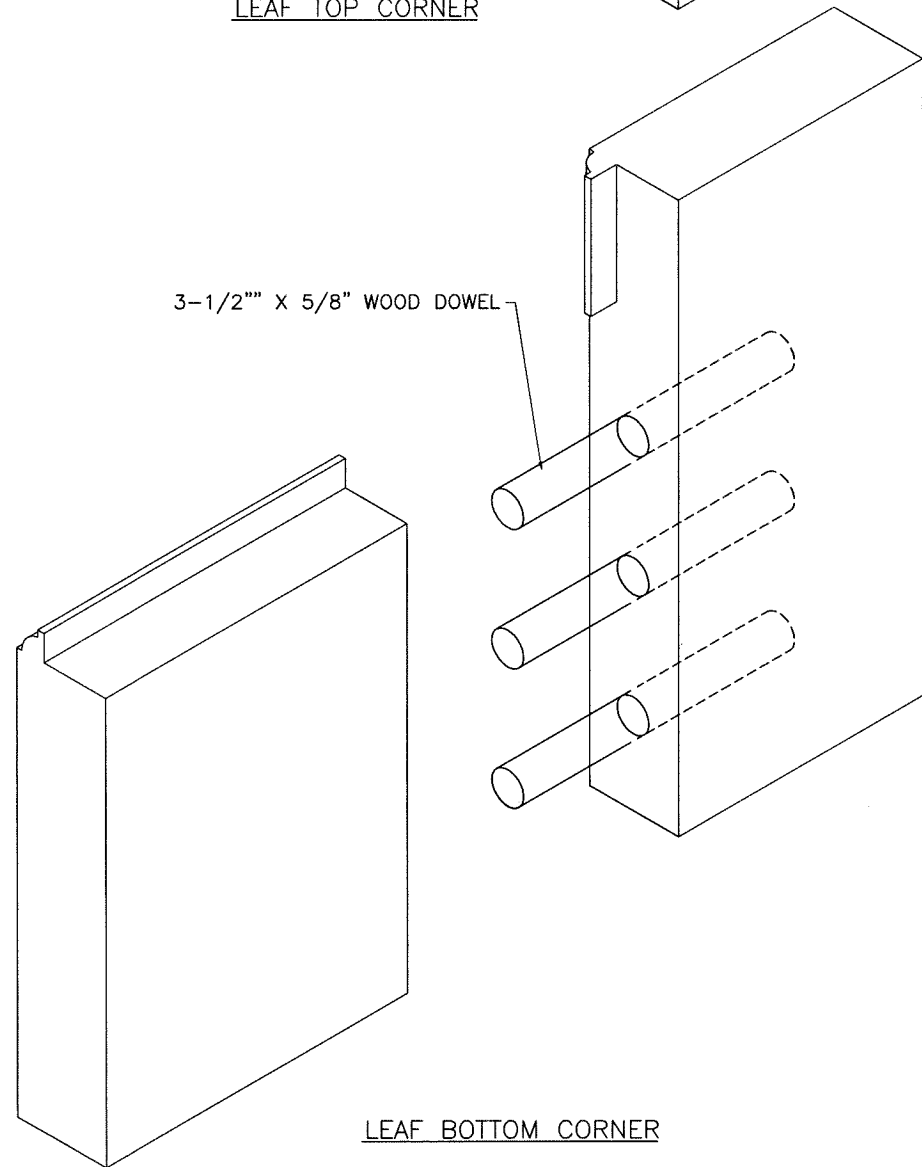
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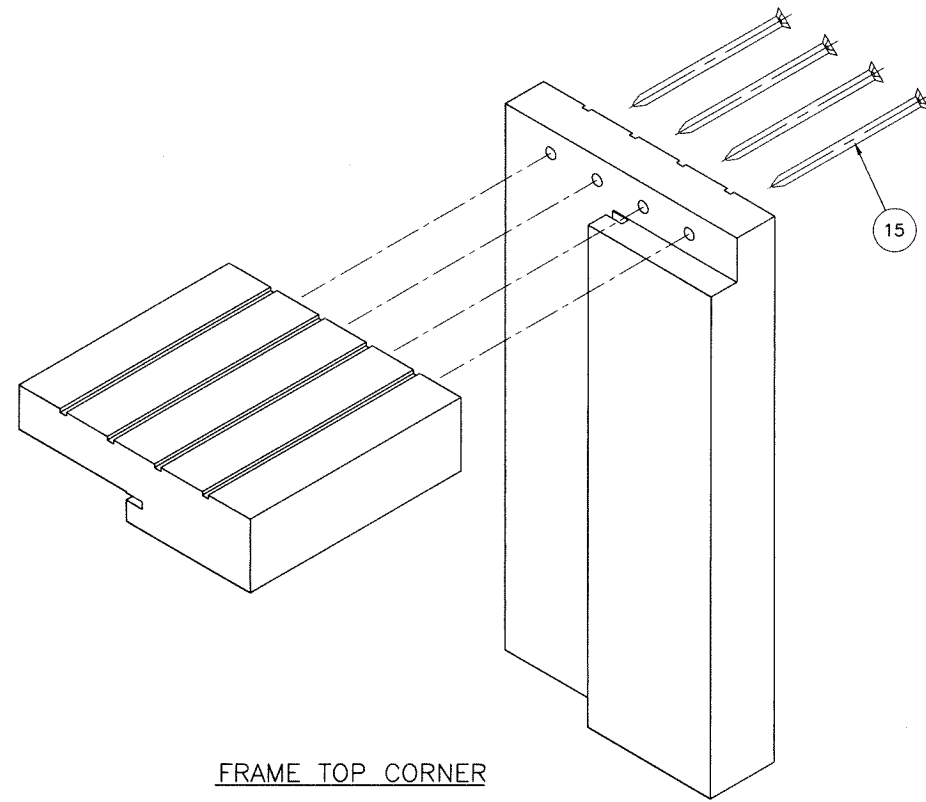
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sheet	7 of 10			



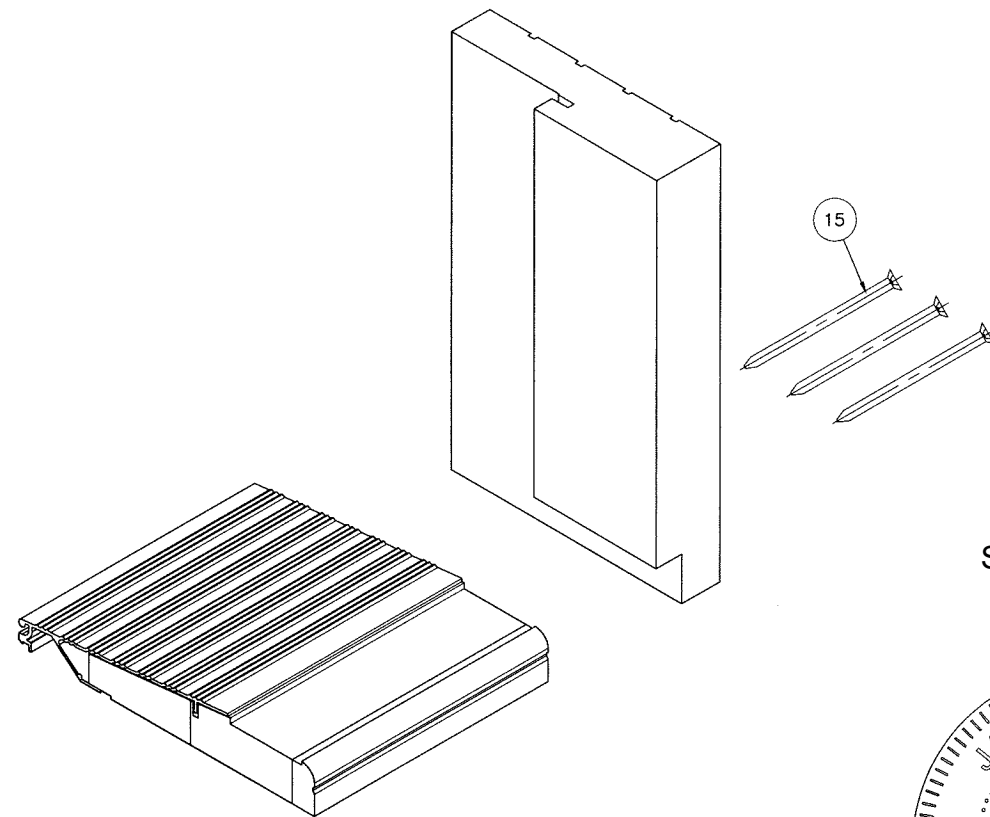
LEAF TOP CORNER



LEAF BOTTOM CORNER

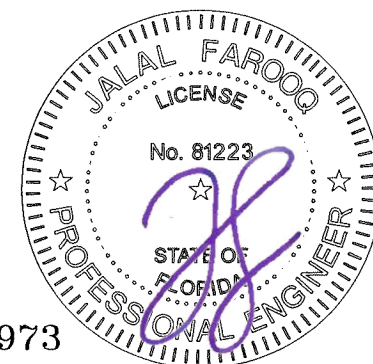


FRAME TOP CORNER



FRAME BOTTOM CORNER

Sealed: 9/17/2026



FL #27973

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
(C.A.N. 3538)

OUTSWING WOOD ENTRANCE DOOR (N.I.)

Exclusive Wood Doors, Inc.

2000 N.W. 95Th Ave.
Doral, FL. 33172

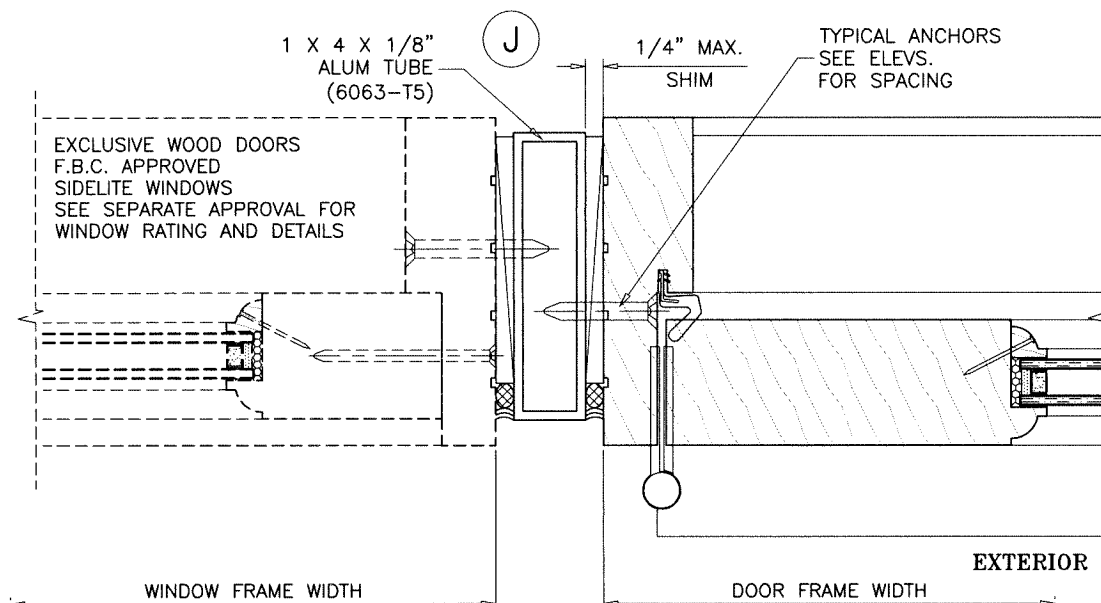
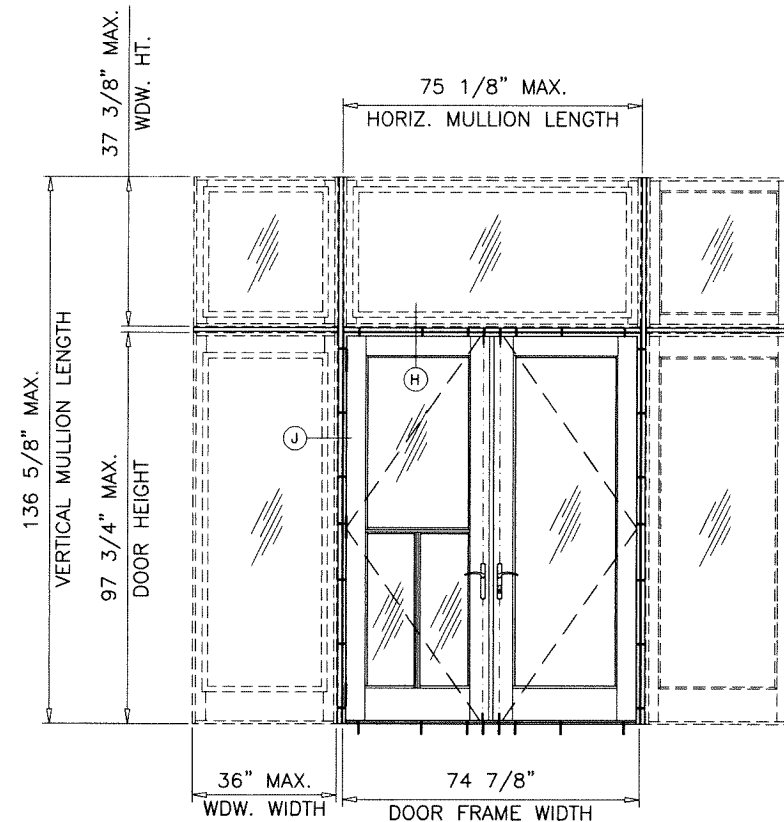
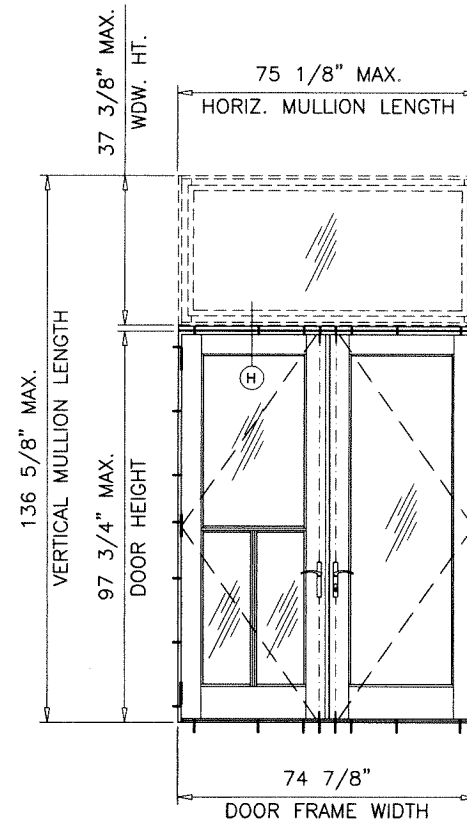
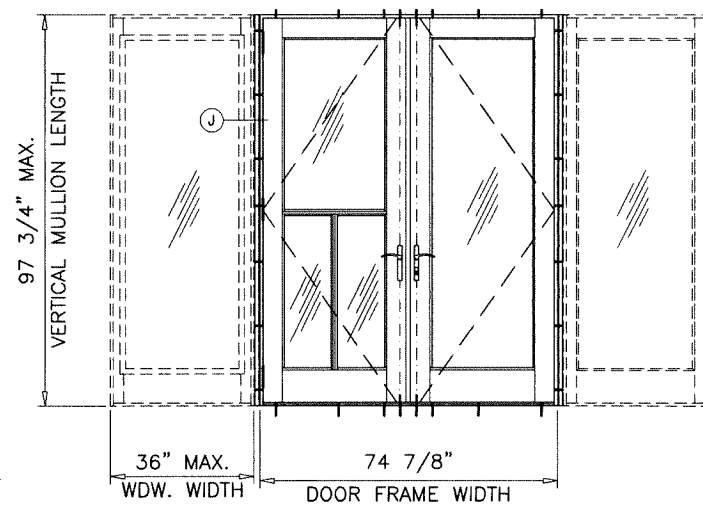
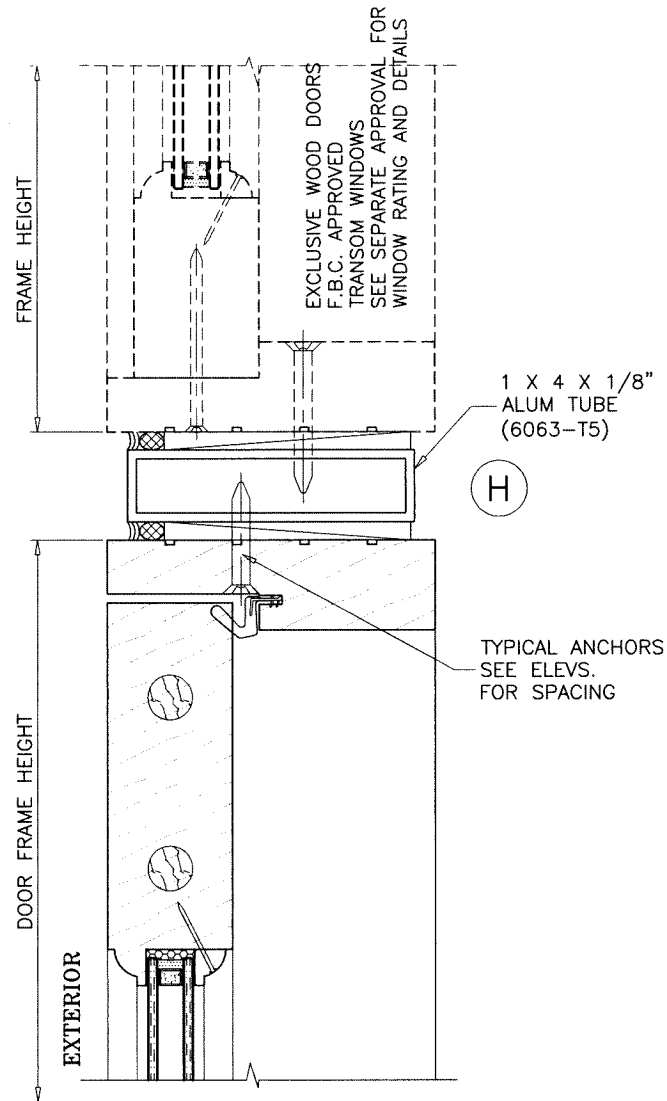
Tel. (305) 477-2278 Fax. (305) 477-7140

revisions:		no date by description	

date: 07-23-18	scale: 3/8" = 1"	dr. by: TARIQ	chk. by:
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drawing no.	18-72F
sheet	8 of 10

COMP-ANL\18-72F-EWD



NOTES:

1. USE CHART ON SHEET 1 FOR DESIGN LOAD CAPACITY OF SINGLE AND DOUBLE DOORS.
 2. FOR EXCLUSIVE WOOD DOORS SIDELITE AND TRANSOM WINDOW CAPACITY SEE SEPARATE APPROVAL.
- LOWER VALUES FROM STEPS 1 OR 2 WILL APPLY TO ENTIRE SYSTEM.

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COMP-ANL\18-72F-EWD

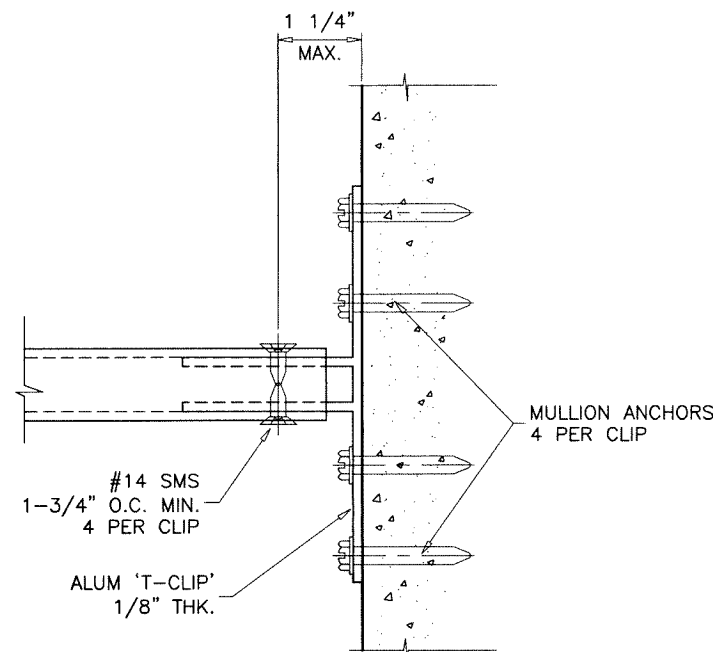
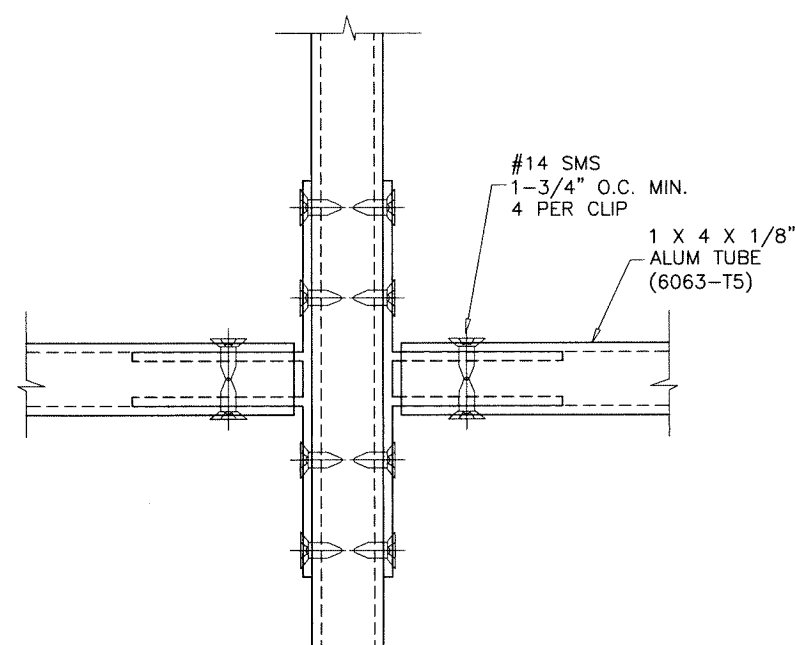
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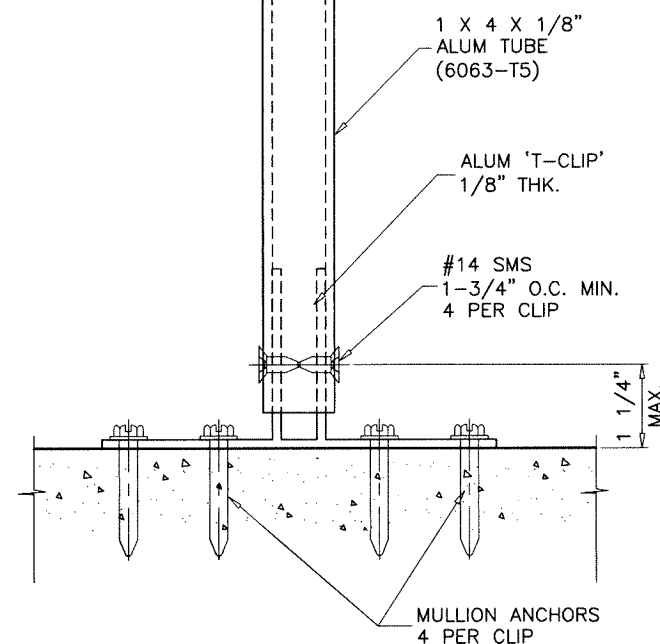
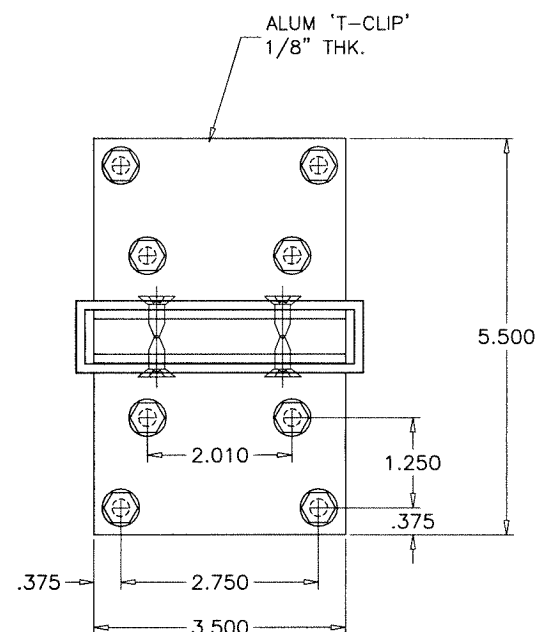
18-72F

sheet 9 of 10

revisions:		date:	scale:	dr. by:	chk. by:
no	date	by	description		



MULLION CONNECTION
HORIZONTAL MULLION AT JAMBS



MULLION CONNECTION
VERTICAL MULLION AT HEAD/SILL

MULLION ANCHORS: SEE ELEV. FOR SPACING

#14 WOOD SCREWS (GRADE 2 CRS)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/JAMBS)

1/4" DIA. TAPCON BY 'ITW' (Fu=125 KSI, Fy=100 KSI)
THRU 1BY BUCKS INTO CONCRETE
1-3/4" MIN. EMBED INTO CONCRETE (HEAD/JAMBS)

DIRECTLY INTO CONCRETE
1-3/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)

1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
THRU 1BY BUCKS INTO BLOCKS
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

DIRECTLY INTO BLOCKS
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

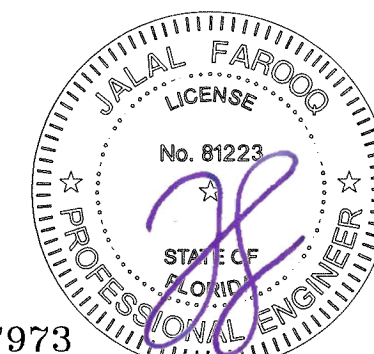
1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)
INTO METAL STRUCTURES (HEAD/JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

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 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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