

SIDELITE/TRANSOM WOOD WINDOWS

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING F.B.C. APPROVED MULLIONS IN BETWEEN.

LOWER DESIGN PRESSURE FROM WINDOWS CAPACITY CHART OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2017 (6TH 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.

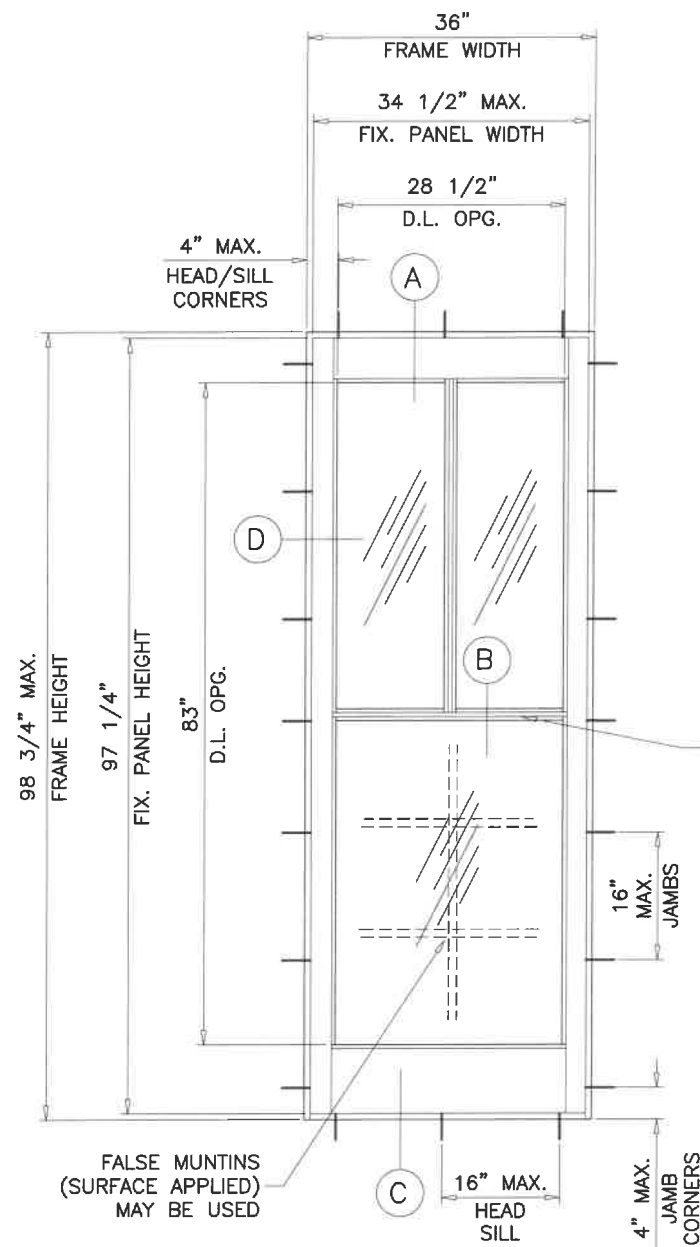
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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 2017 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

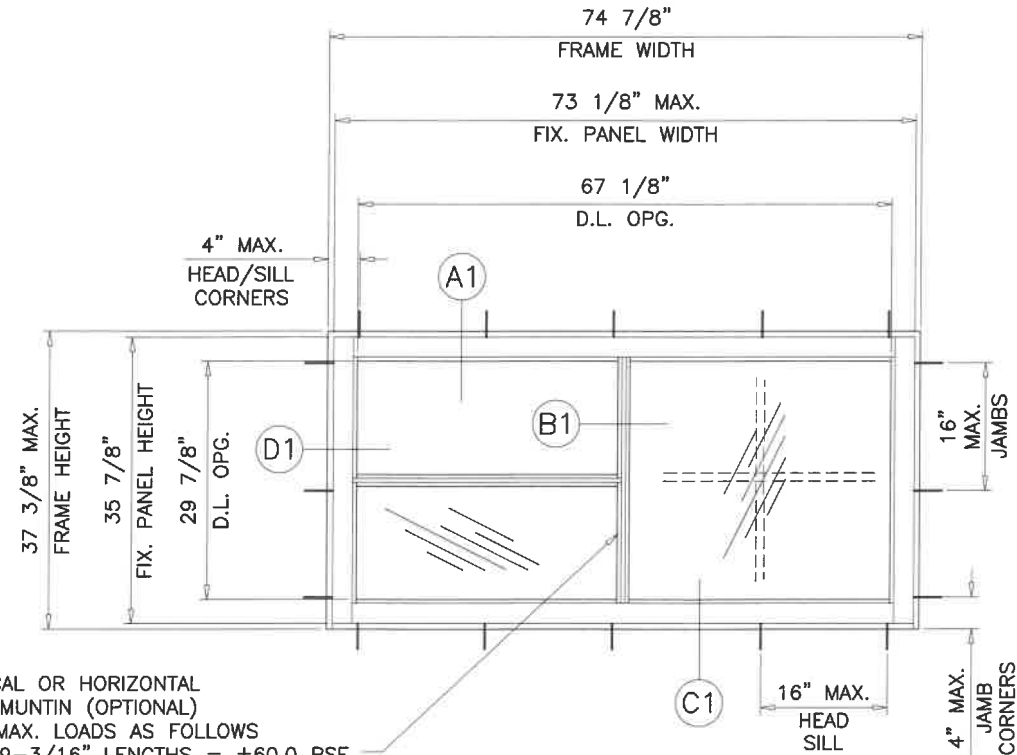
THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR WATER INFILTRATION RESISTANCE ETC. CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,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

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
(SIDELITE UNIT)

GLASS D.L.O. FORMULAE:
D.L.O. WIDTH = FRAME WIDTH - 7.50"
D.L.O. HEIGHT = FRAME HEIGHT - 15.750"



TYPICAL ELEVATION
(TRANSOM UNIT)

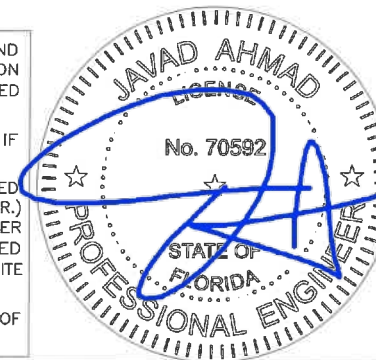
GLASS D.L.O. FORMULAE:
D.L.O. WIDTH = FRAME WIDTH - 7.50"
D.L.O. HEIGHT = FRAME HEIGHT - 7.50"

THESE WINDOWS ARE NOT RATED FOR IMPACT.

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.

- 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 8/17/2018

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

SIDELITE/TRANSOM WOOD WINDOW (N.I.)

Exclusive Wood Doors, Inc.

2000 N.W. 95Th Ave.

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revisions:

no date by description

date 07-23-18

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

dr. by: TARIQ

chk. by:

drawing no.

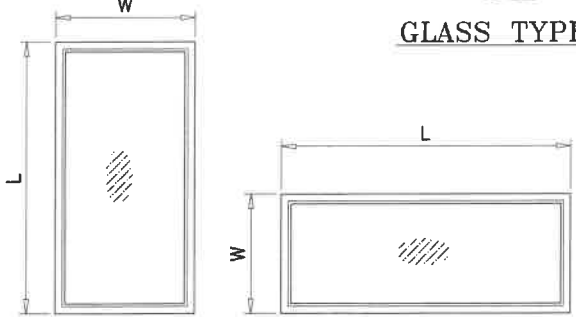
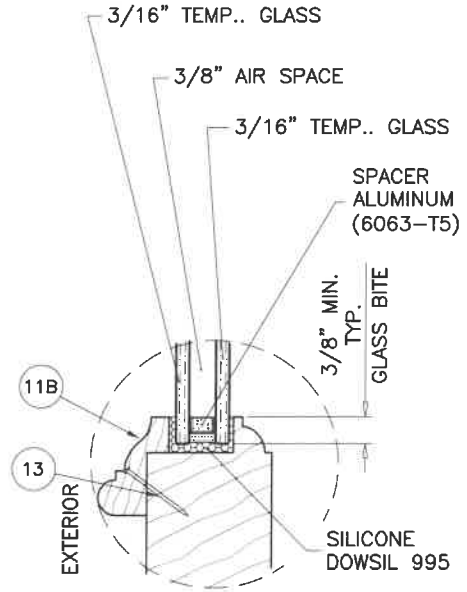
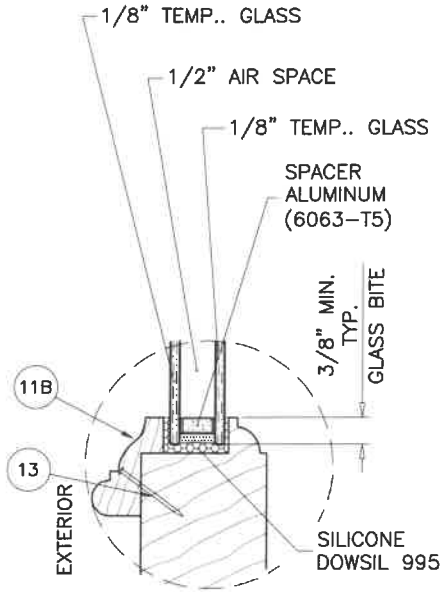
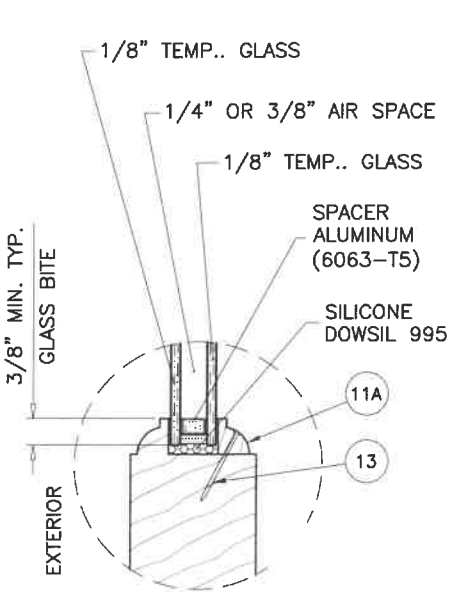
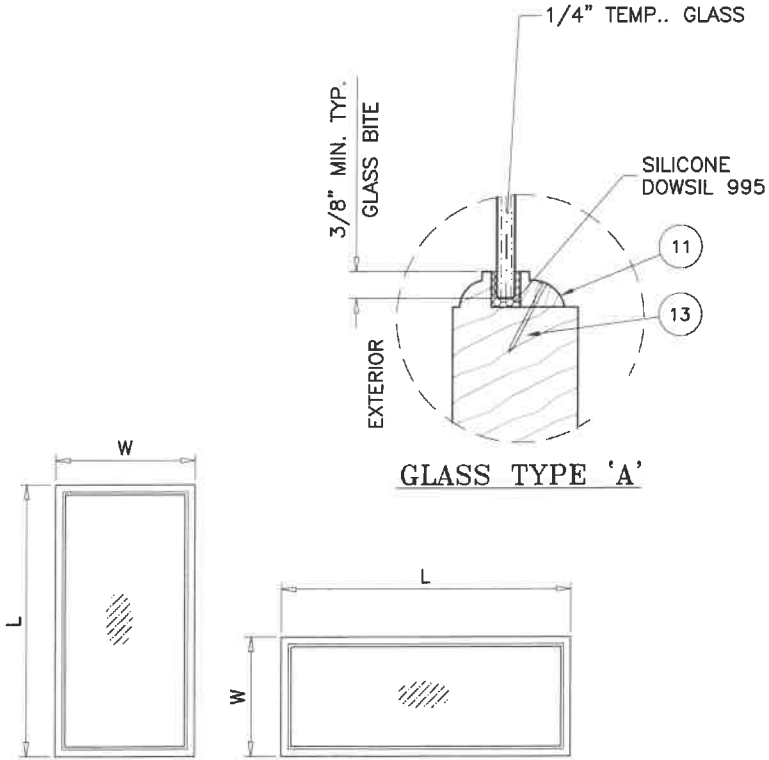
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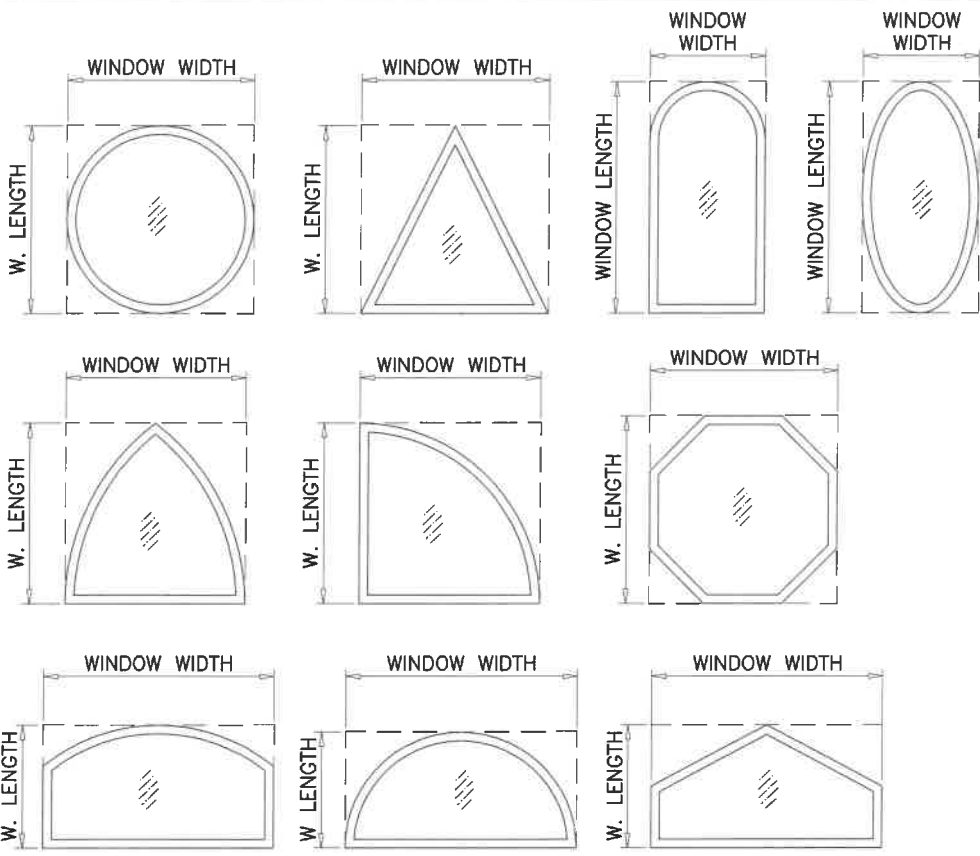
COMP-ANL\18-73F-EWD

DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		GLASS TYPES 'A', 'A1' & 'A2'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
24"	24"	60.0	90.0
30"		60.0	90.0
36"		60.0	90.0
37-3/8"		60.0	90.0
48"		60.0	90.0
60"		60.0	90.0
72"		60.0	88.3
74-7/8"		60.0	87.7
84"		60.0	85.9
96"		60.0	84.1
98-3/4"		60.0	83.8
108"		60.0	82.8
120"		60.0	81.8
132"		60.0	81.0
144"		60.0	80.3
24"	30"	60.0	90.0
30"		60.0	74.7
36"		60.0	74.7
37-3/8"		60.0	74.7
48"		60.0	74.7
60"		60.0	74.7
72"		60.0	72.0
74-7/8"		60.0	72.0
84"		60.0	71.7
96"		60.0	69.8
98-3/4"		60.0	69.4
108"		60.0	68.4
24"	36"	60.0	90.0
30"		60.0	74.7
36"		60.0	62.3
37-3/8"		60.0	62.3
48"		60.0	62.3
60"		60.0	62.3
72"		60.0	62.3
74-7/8"		60.0	61.5
84"		60.0	60.0
96"		60.0	60.0
98-3/4"		60.0	60.0
24"	37-3/8"	60.0	90.0
30"		60.0	74.7
36"		60.0	62.3
37-3/8"		60.0	60.0
48"		60.0	60.0
60"		60.0	60.0
72"		60.0	60.0
74-7/8"		60.0	60.0
84"		57.8	57.8
24"	48"	60.0	90.0
30"		60.0	74.7
36"		60.0	62.3
37-3/8"		60.0	60.0
48"		46.7	46.7
60"		45.0	45.0
72"		45.0	45.0

DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		GLASS TYPES 'A', 'A1' & 'A2'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
24"	60"	60.0	90.0
30"		60.0	74.7
36"		60.0	62.3
37-3/8"		60.0	60.0
48"		45.0	45.0
24"	72"	60.0	88.3
30"		60.0	72.0
36"		60.0	62.3
37-3/8"		60.0	60.0
48"		45.0	45.0
24"	74-7/8"	60.0	87.7
30"		60.0	72.0
36"		60.0	61.5
37-3/8"		60.0	60.0
24"	84"	60.0	85.9
30"		60.0	71.7
36"		60.0	60.0
37-3/8"		57.8	57.8
24"	96"	60.0	84.1
30"		60.0	69.8
36"		60.0	60.0
24"	98-3/4"	60.0	83.8
30"		60.0	69.4
36"		60.0	60.0
24"	108"	60.0	82.8
30"		60.0	68.4
36"		60.0	60.0
24"	120"	60.0	81.8
30"		60.0	68.4
36"		60.0	60.0
24"	132"	60.0	81.0
30"		60.0	68.4
36"		60.0	60.0
24"	144"	60.0	80.3
30"		60.0	68.4
36"		60.0	60.0

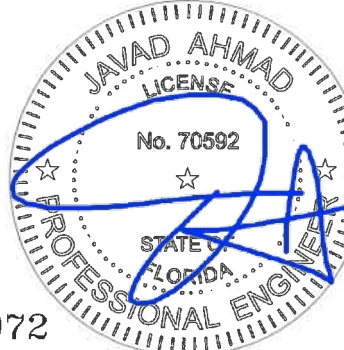


NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



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

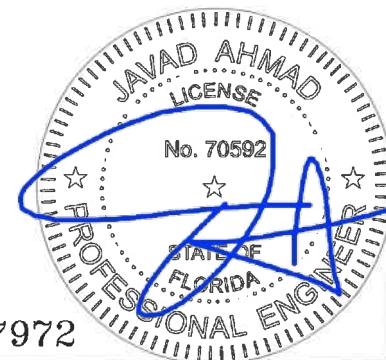
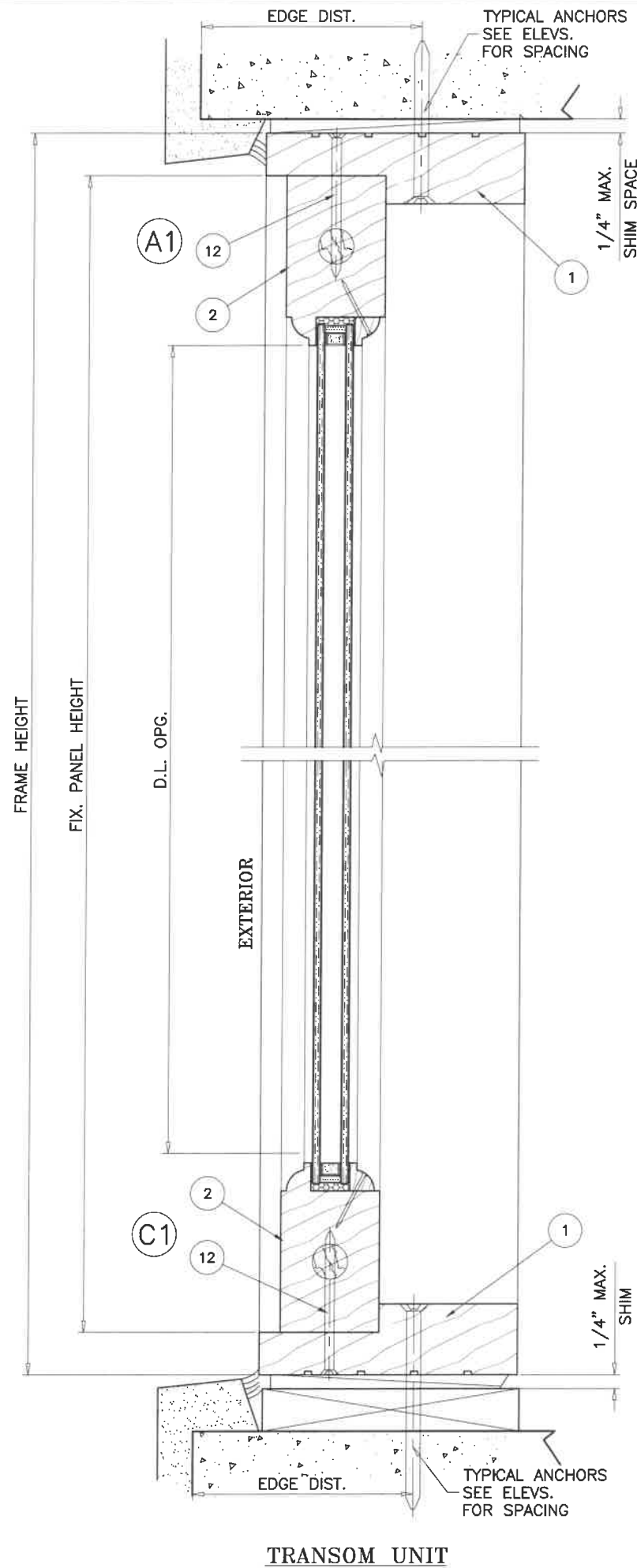
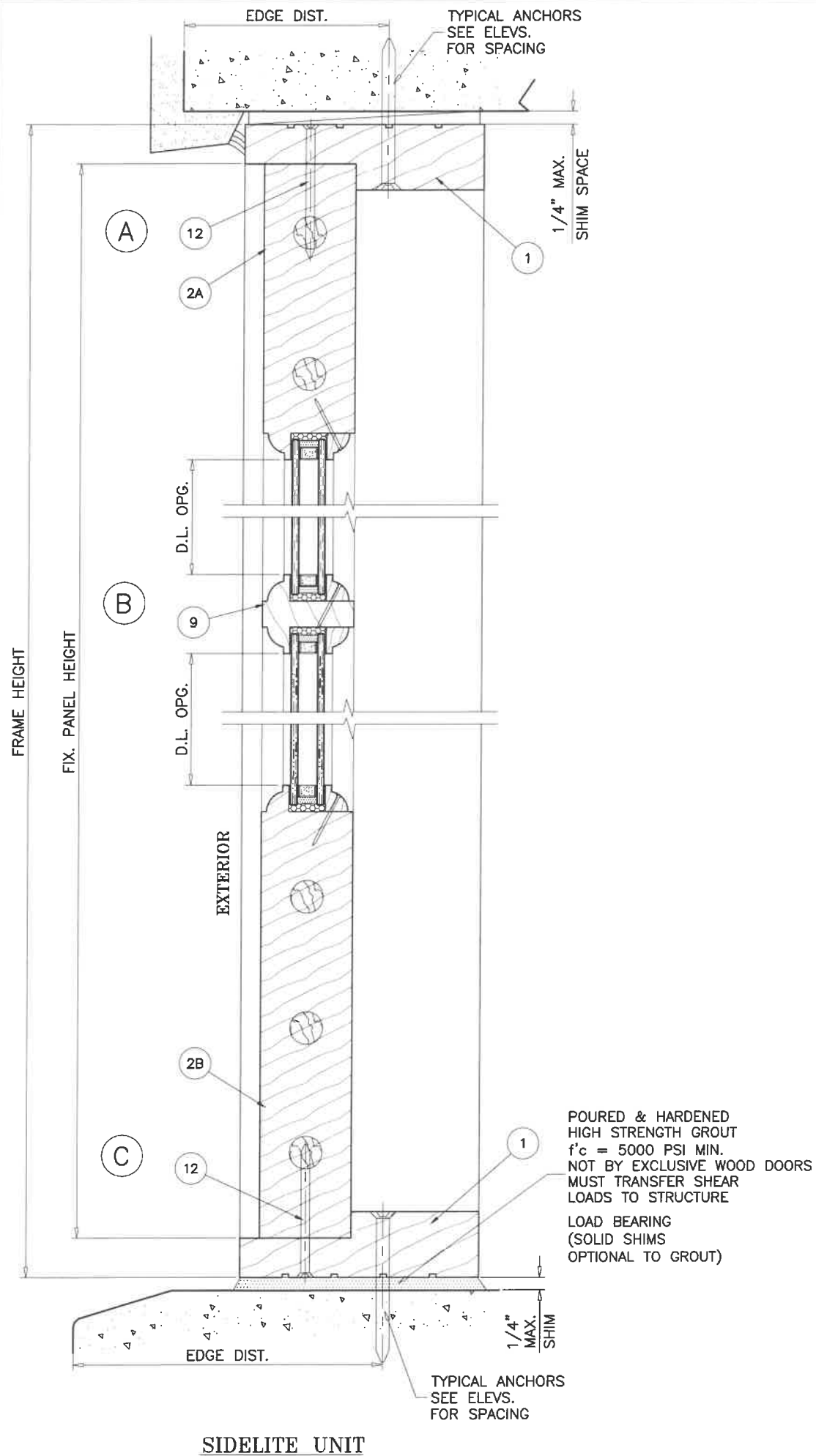
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS). FL #27972



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COMP-ANL\18-73F-EWD

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FL #27972

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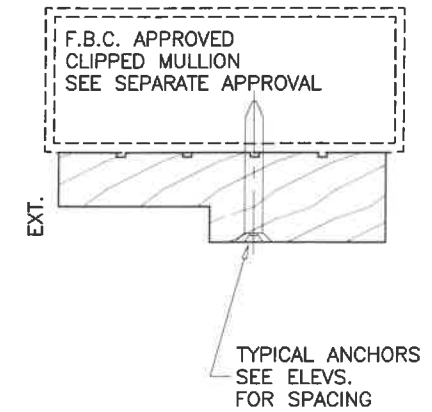
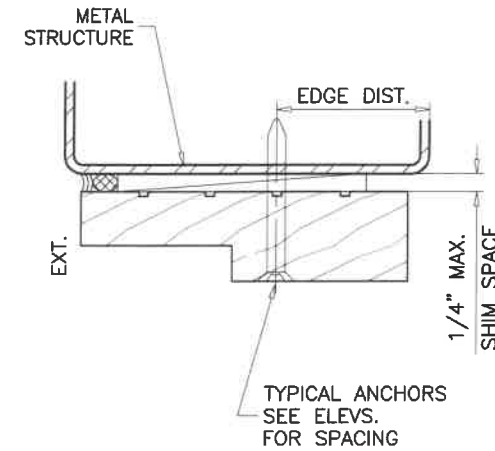
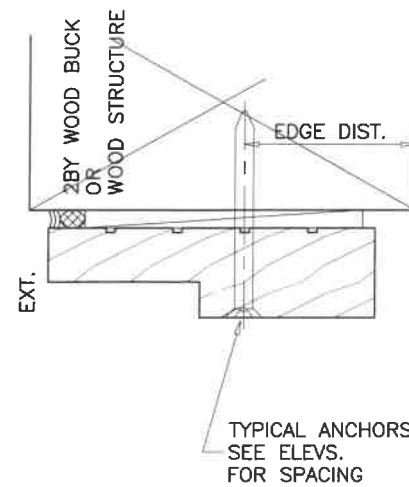
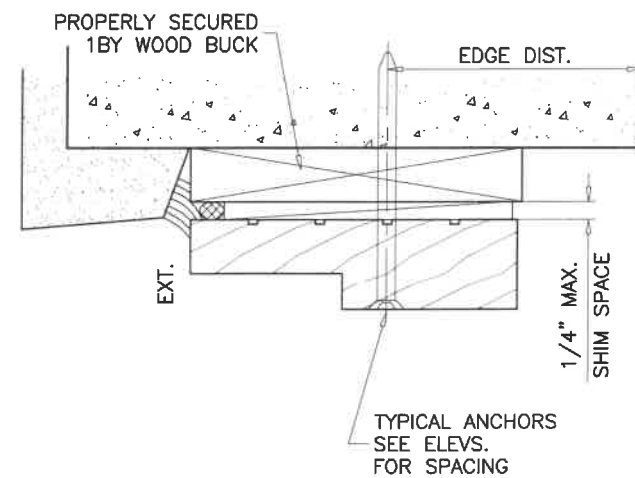
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1BY OR 2BY WOOD BUCKS AND METAL STRUCTURE NOT BY EXCLUSIVE WOOD DOORS MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

#14 WOOD SCREWS (GRADE 2 CRS)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

1/4" DIA. TAPCON BY 'ITW' (Fu=125 KSI, Fy=100 KSI)

THRU 1BY BUCKS INTO CONC. OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/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)

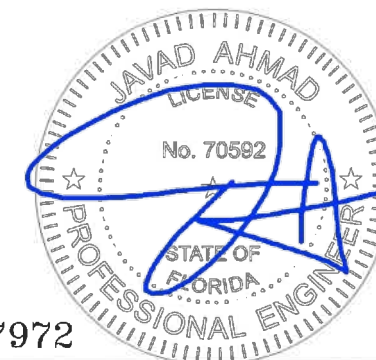
1/4" DIA. TEKS OR SELF-DRILLING SCREWS (GRADE 5 CRS)

INTO F.B.C. APPROVED MULLIONS
OR
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" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" 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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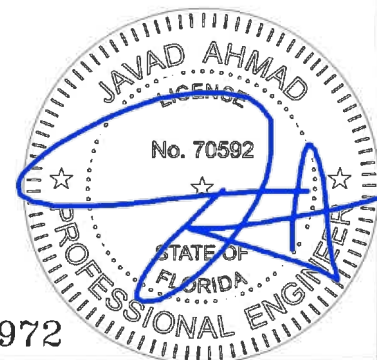
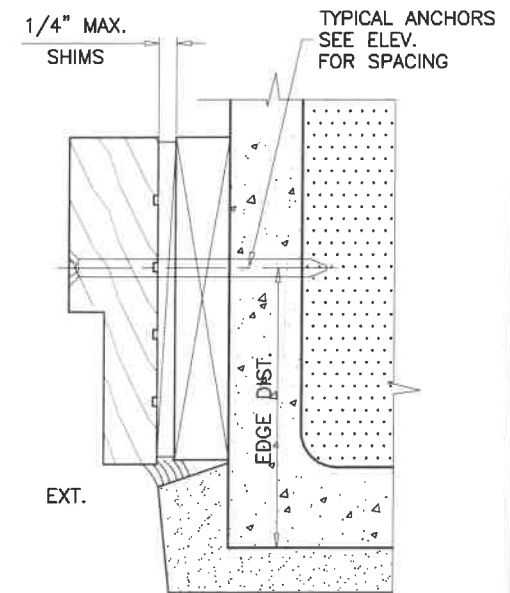
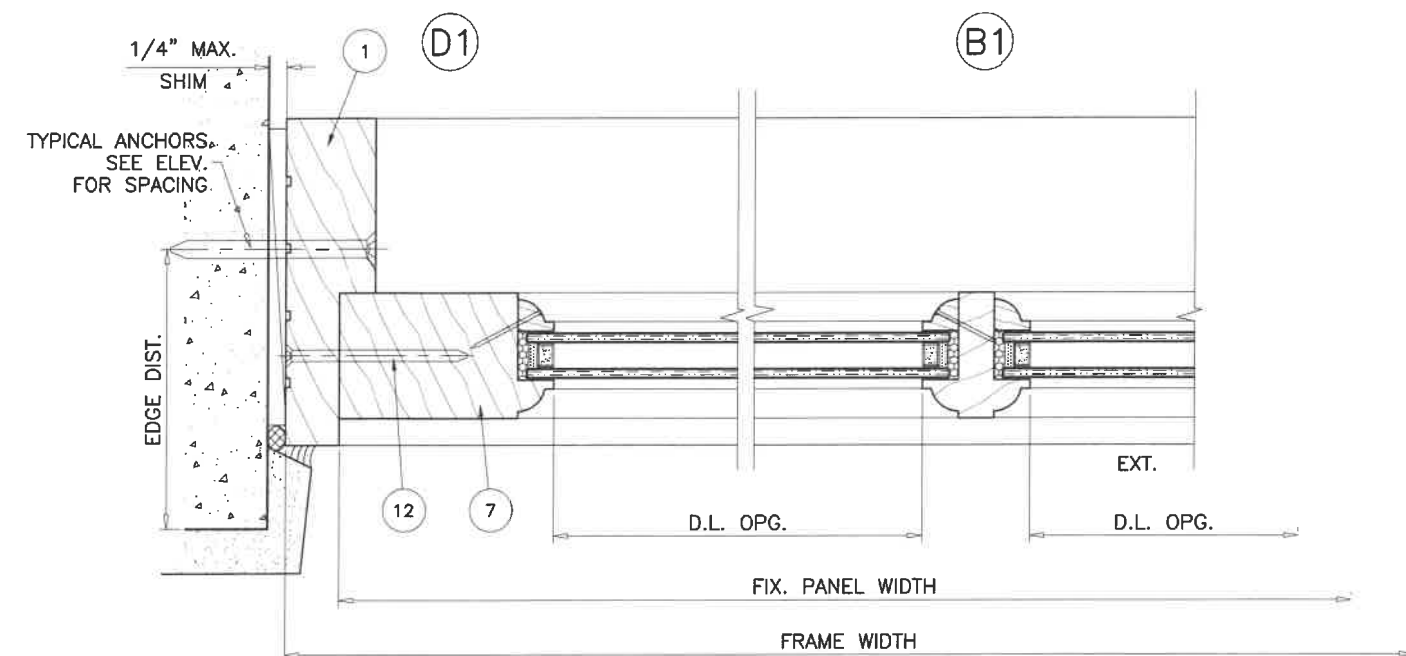
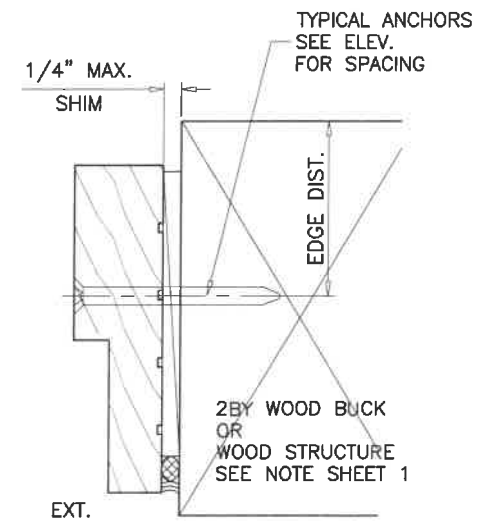
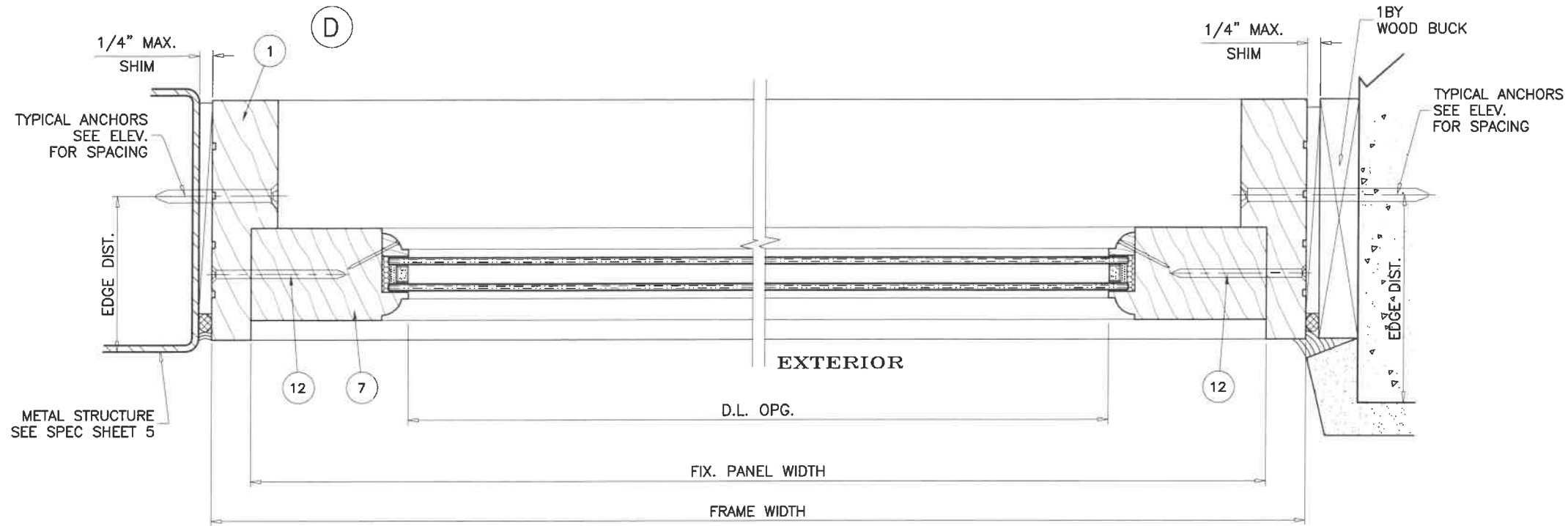
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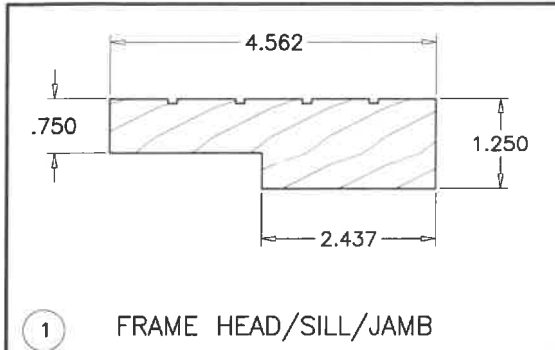
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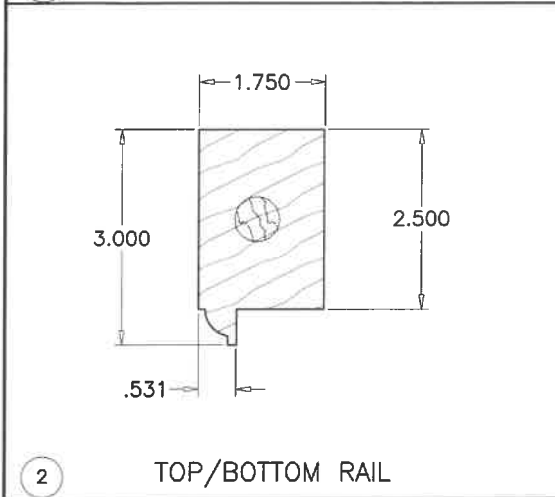
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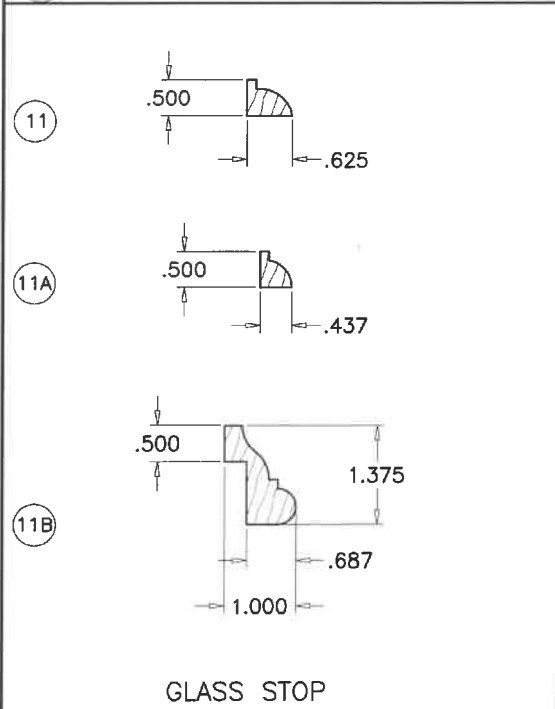
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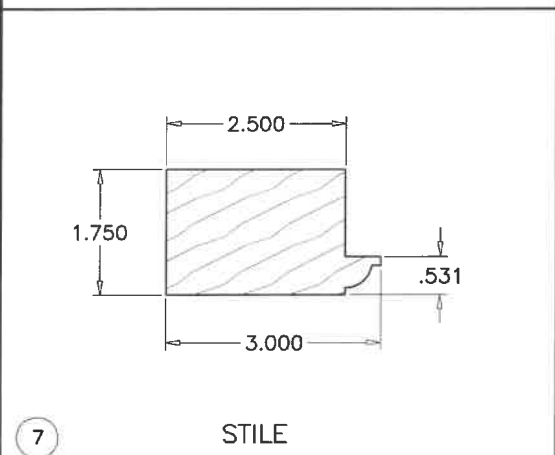
1 FRAME HEAD/SILL/JAMB



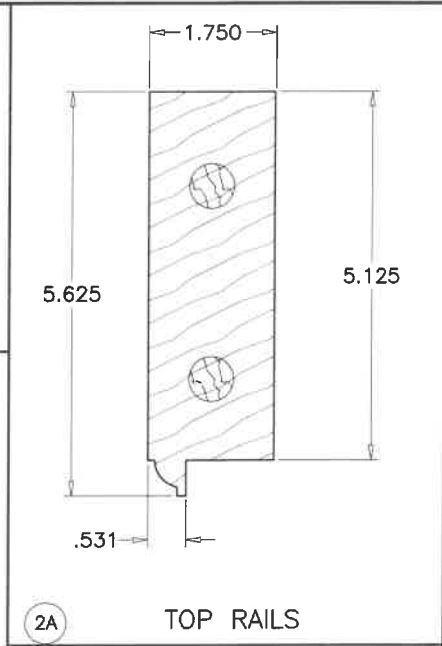
2 TOP/BOTTOM RAIL



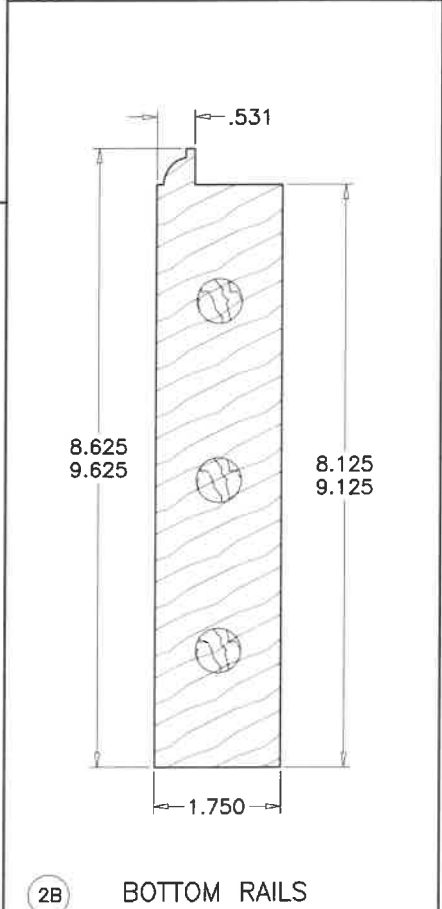
11 GLASS STOP



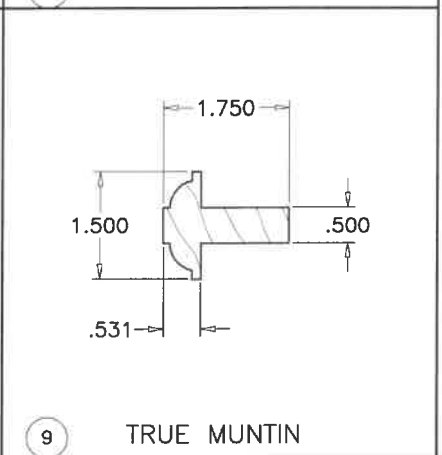
7 STILE



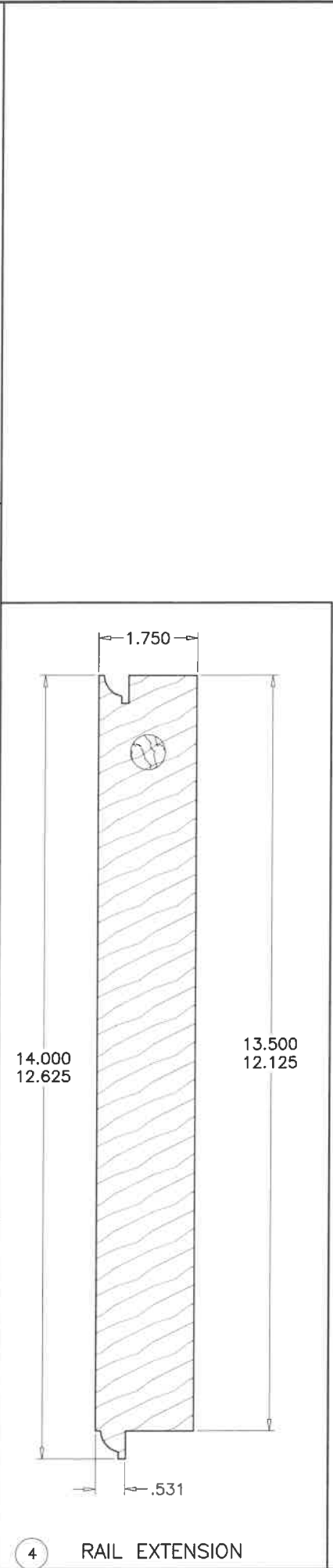
2A TOP RAILS



2B BOTTOM RAILS



9 TRUE MUNTIN

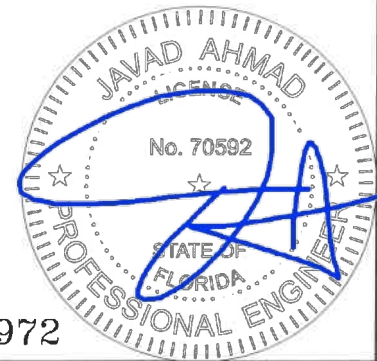


4 RAIL EXTENSION

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	3	FRAME HEAD/SILL/JAMB	WOOD	MAHOGANY
2	-	2/	PANEL TOP AND BOTTOM RAIL	WOOD	MAHOGANY
2A	-	1/	PANEL TOP RAILS	WOOD	MAHOGANY
2B	-	1/	PANEL BOTTOM RAILS	WOOD	MAHOGANY
4	-	AS REQD.	RAIL EXTENSIONS	WOOD	MAHOGANY
5	-	1/	PANEL TOP RAIL SHAKER PANEL	WOOD	MAHOGANY
6	-	1/	PANEL BOTTOM RAIL SHAKER PANEL	WOOD	MAHOGANY
7	-	AS REQD.	STILE	WOOD	MAHOGANY
9	-	AS REQD.	TRUE MUNTIN	WOOD	MAHOGANY
11	-	4/	PANEL GLASS STOP	WOOD	MAHOGANY
11A	-	4/	PANEL GLASS STOP	WOOD	MAHOGANY
11B	-	4/	PANEL GLASS STOP	WOOD	MAHOGANY
12	#10 X 2-1/2"	-	FIXED PANEL FASTENERS	ST. STEEL	4" FROM ENDS & 12" O.C.
13	-	-	18 GA. X 1-1/4" BRAD NAILS	-	2" FROM ENDS & 12" O.C.

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

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



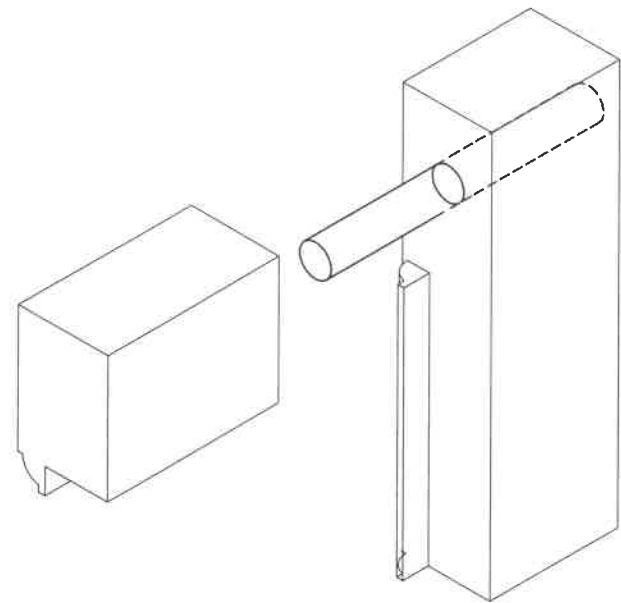
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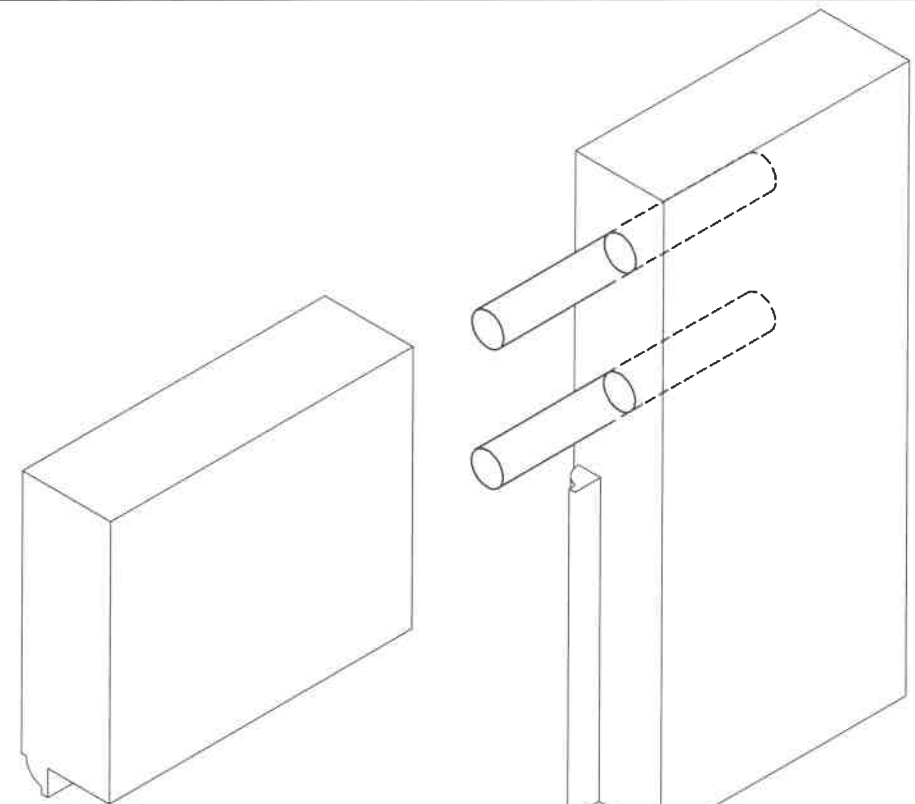
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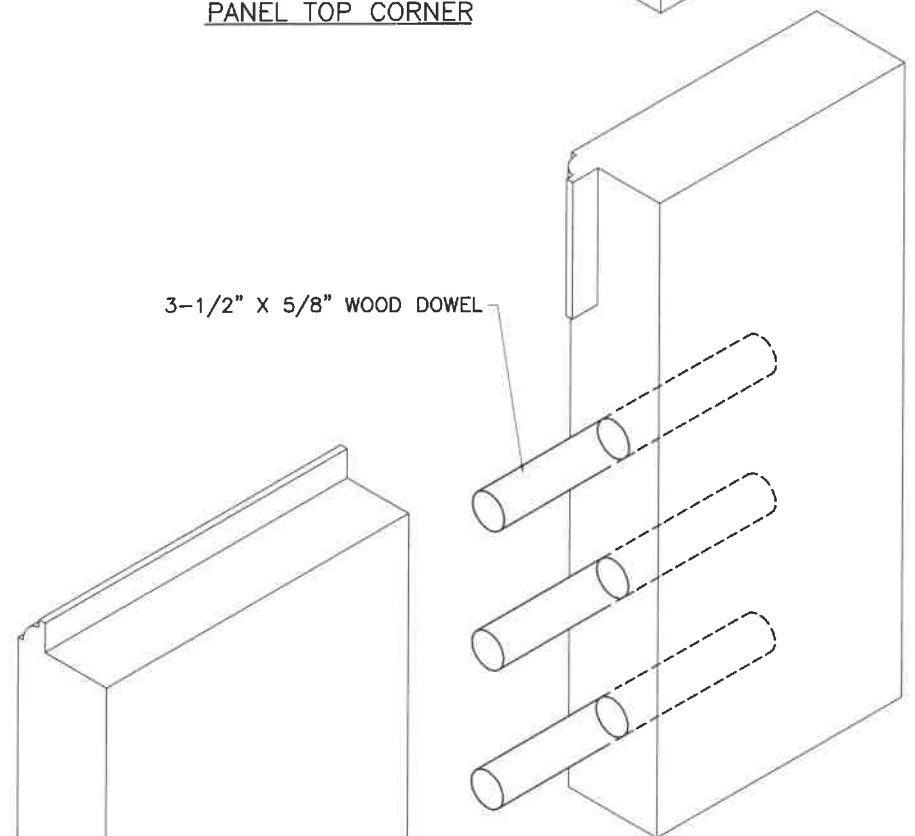
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drawing no.	18-73F			
sheet	6 of 7			



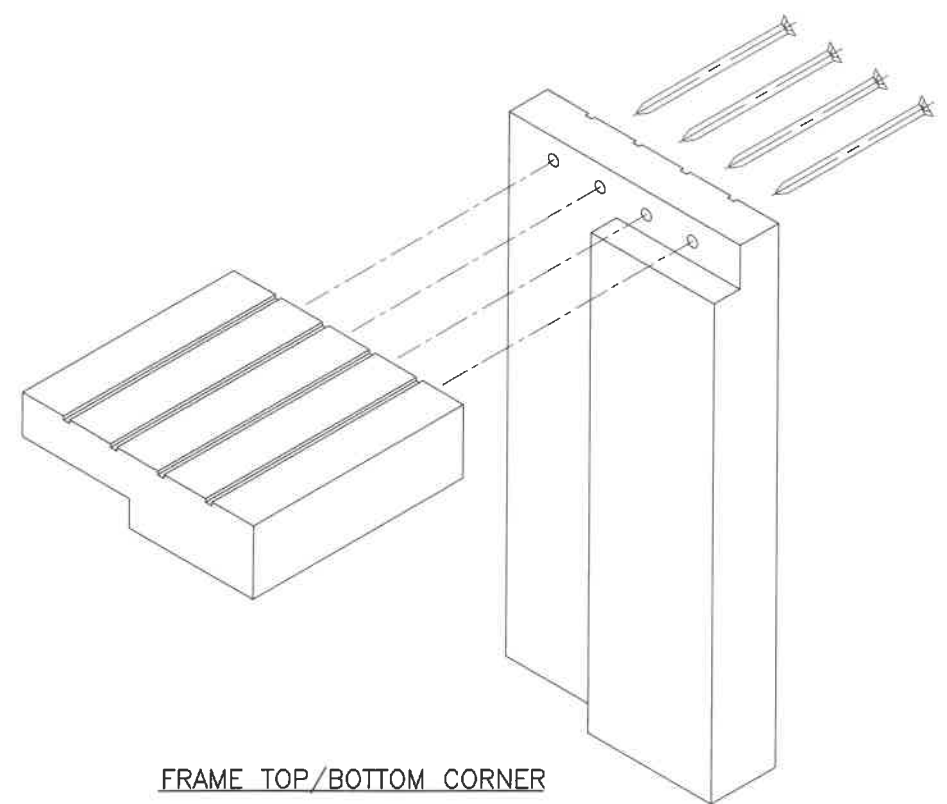
VENT TOP/BOTTOM CORNER



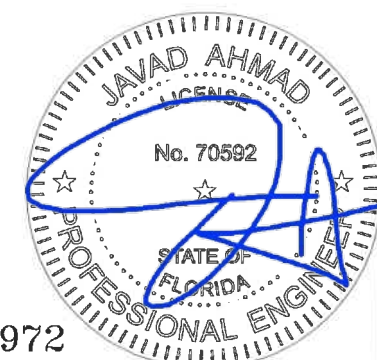
PANEL TOP CORNER



PANEL BOTTOM CORNER



FRAME TOP/BOTTOM CORNER



FL #27972

 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 COMP-ANL\18-73F-EWD			
SIDELITE/TRANSOM WOOD WINDOW (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:	
drawing no. 18-73F		sheet 7 of 7	