

DIRECT SET FIXED WOOD WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 3.

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 2023 (8TH EDITION)/2026 (9TH 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 LOAD-BEARING, (HIGH DENSITY PLASTIC/COMPOSITE, METAL OR OTHER RIGID MATERIALS).

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.

FASTENERS AND CONNECTORS (AS APPLICABLE) SHOWN IN THIS APPROVAL MAY NOT MEET CORROSION RESISTANCE REQUIREMENTS FOR COASTAL OR SALT WATER EXPOSURE ZONES. COMPLIANCE WITH THESE CONDITIONS TO BE CHECKED PER FBC 1711.

WINDOWS COMPLY WITH REQUIREMENTS OF ANSI Z97.1.

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

Sealed: 9/17/2026

FL #41587

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.

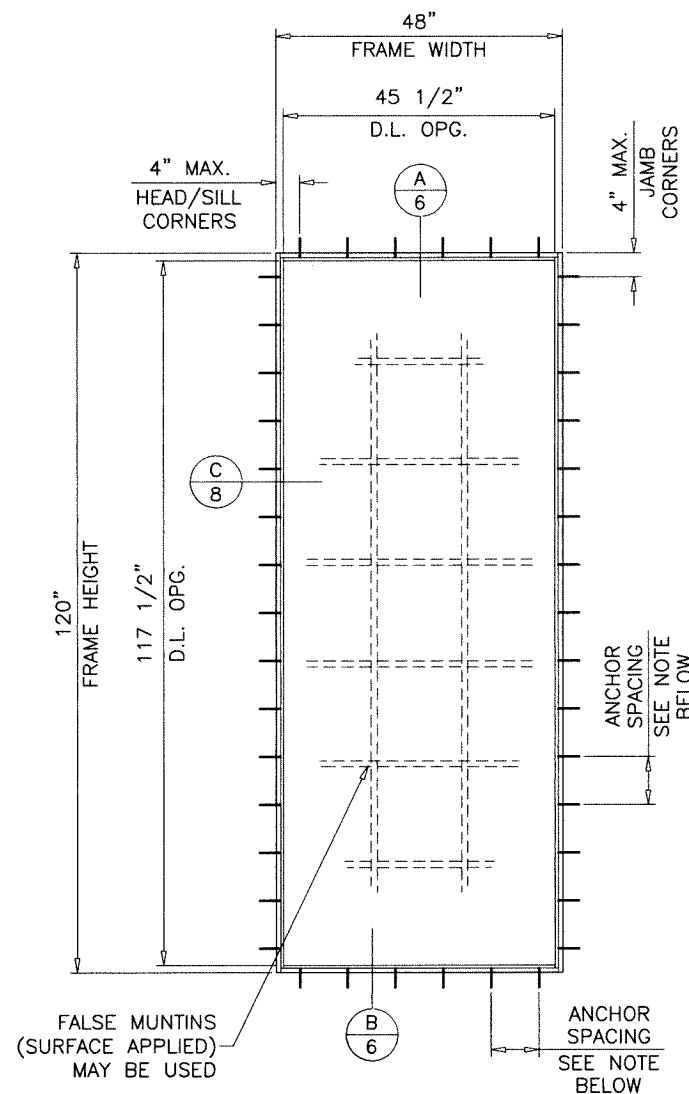


AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

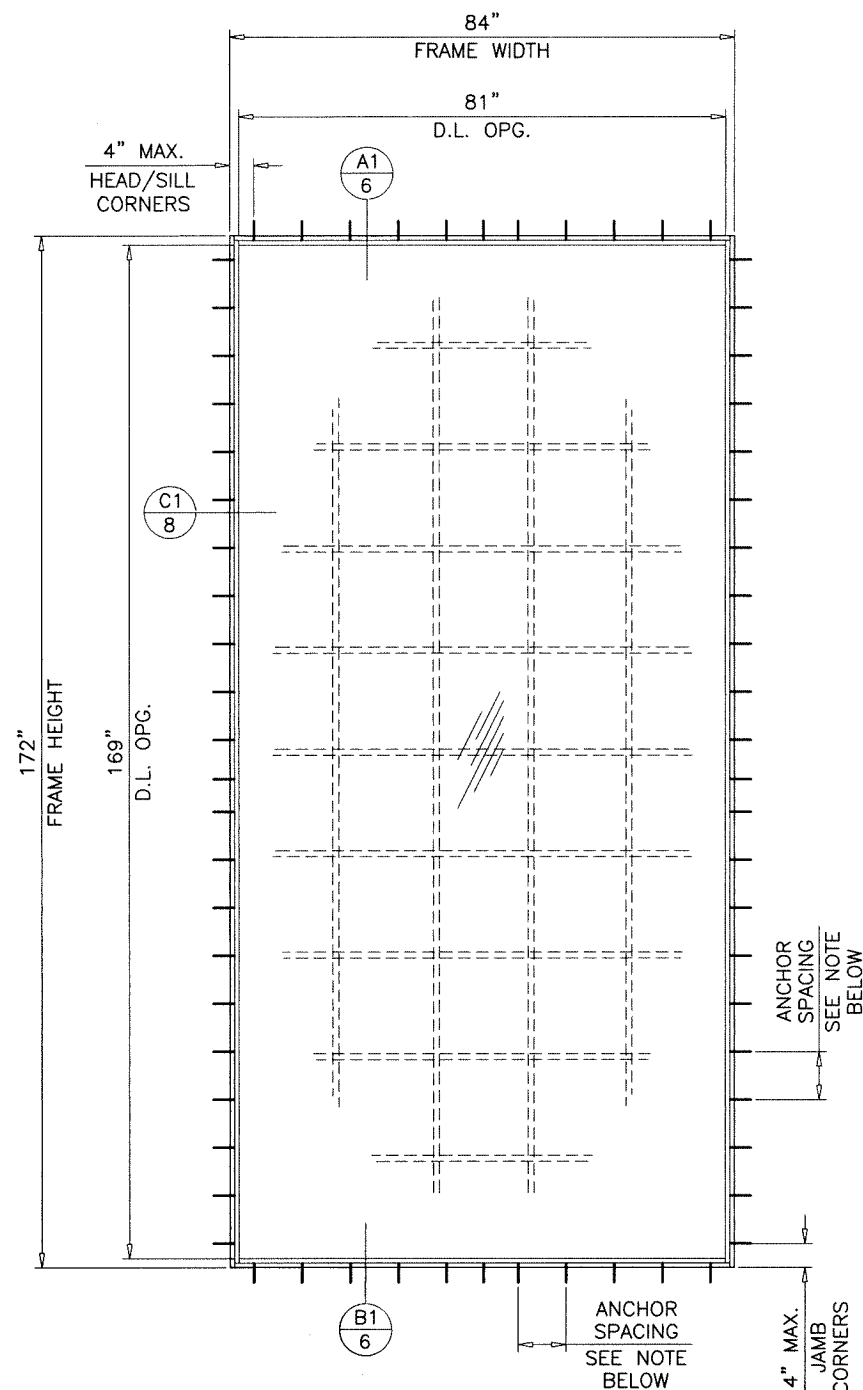
COMP-ANL \22-19F-EWD

DIRECT SET FIXED WOOD WINDOW (L.M.I.)
Exclusive Wood Doors, Inc.
2000 N.W. 95Th Ave.
Doral, FL. 33172
Tel. (305) 477-2278 Fax. (305) 477-7140

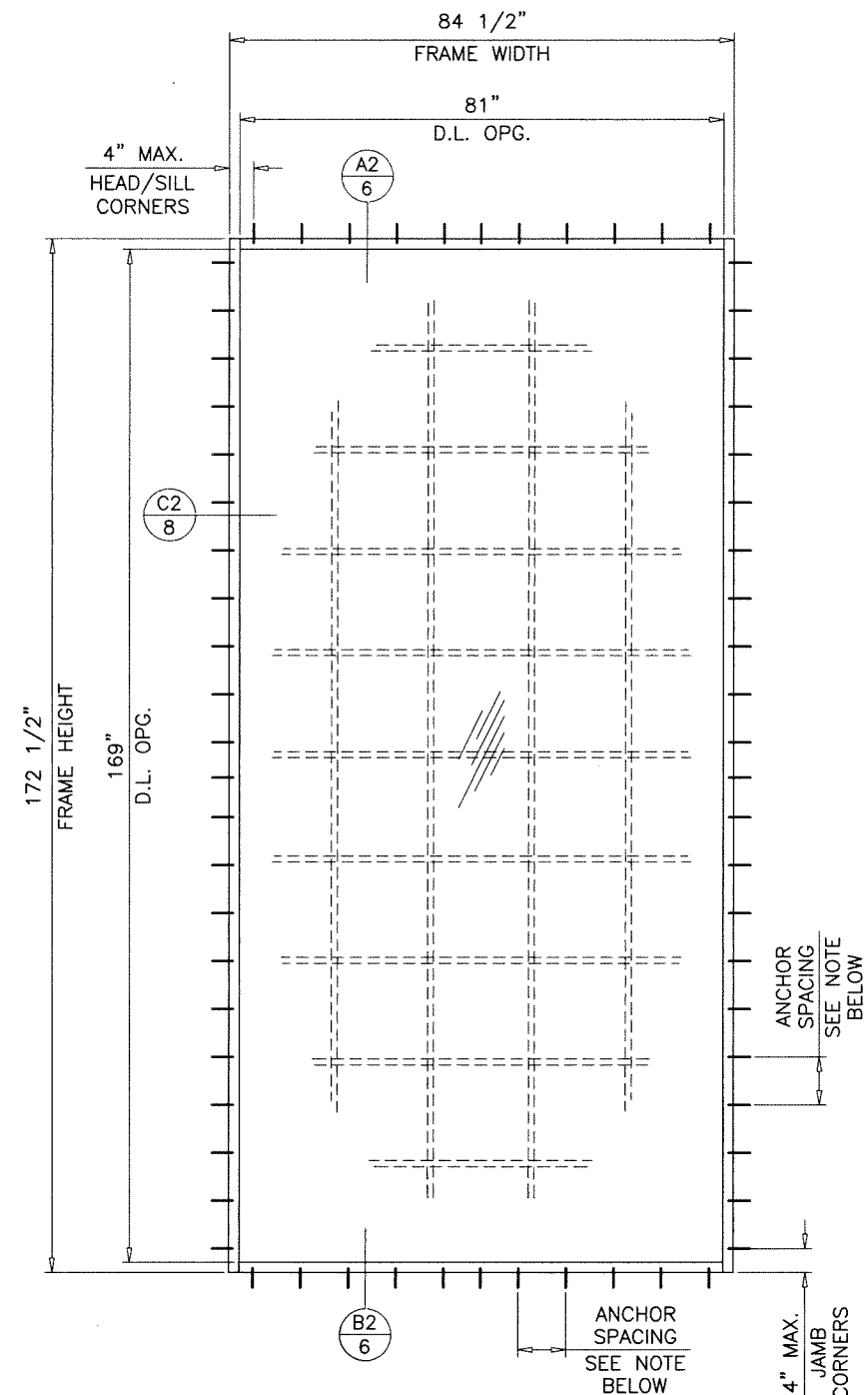
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date:	06-06-22			
scale:	--			
dr. by:	TARIQ			
chk. by:				
drawing no.	22-19F			
sheet	1 of 9			



TYPICAL ELEVATION
(1-1/4" FRAMES)



TYPICAL ELEVATION
(1-1/2" FRAMES)

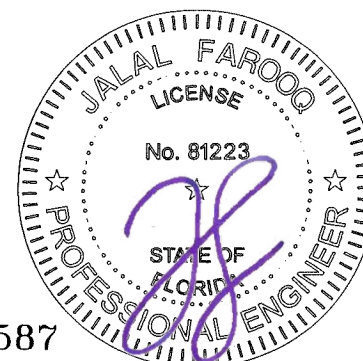


TYPICAL ELEVATION
(1-3/4" FRAMES)

FRAME ANCHOR SPACING:
12" O.C. MAX. FOR ANCHORS TYPE 'A'
10" O.C. MAX. FOR ANCHORS TYPE 'B'
8" O.C. MAX. FOR ANCHORS TYPE 'C'

GLASS D.L.O. FORMULAE:
D.L.O. WIDTH (1-1/4" FRAMES) = FRAME WIDTH - 2.50"
D.L.O. HEIGHT (1-1/4" FRAMES) = FRAME HEIGHT - 2.50"
D.L.O. WIDTH (1-1/2" FRAMES) = FRAME WIDTH - 3.0"
D.L.O. HEIGHT (1-1/2" FRAMES) = FRAME HEIGHT - 3.0"
D.L.O. WIDTH (1-3/4" FRAMES) = FRAME WIDTH - 3.50"
D.L.O. HEIGHT (1-3/4" FRAMES) = FRAME HEIGHT - 3.50"

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revisions:	no	date	by	description

date: 06-06-22
scale: 3/8" = 1'-0"
dr. by: TARIQ
chk. by:

drawing no.
22-19F
sheet 2 of 9

COMP-ANL\22-19F-EWD

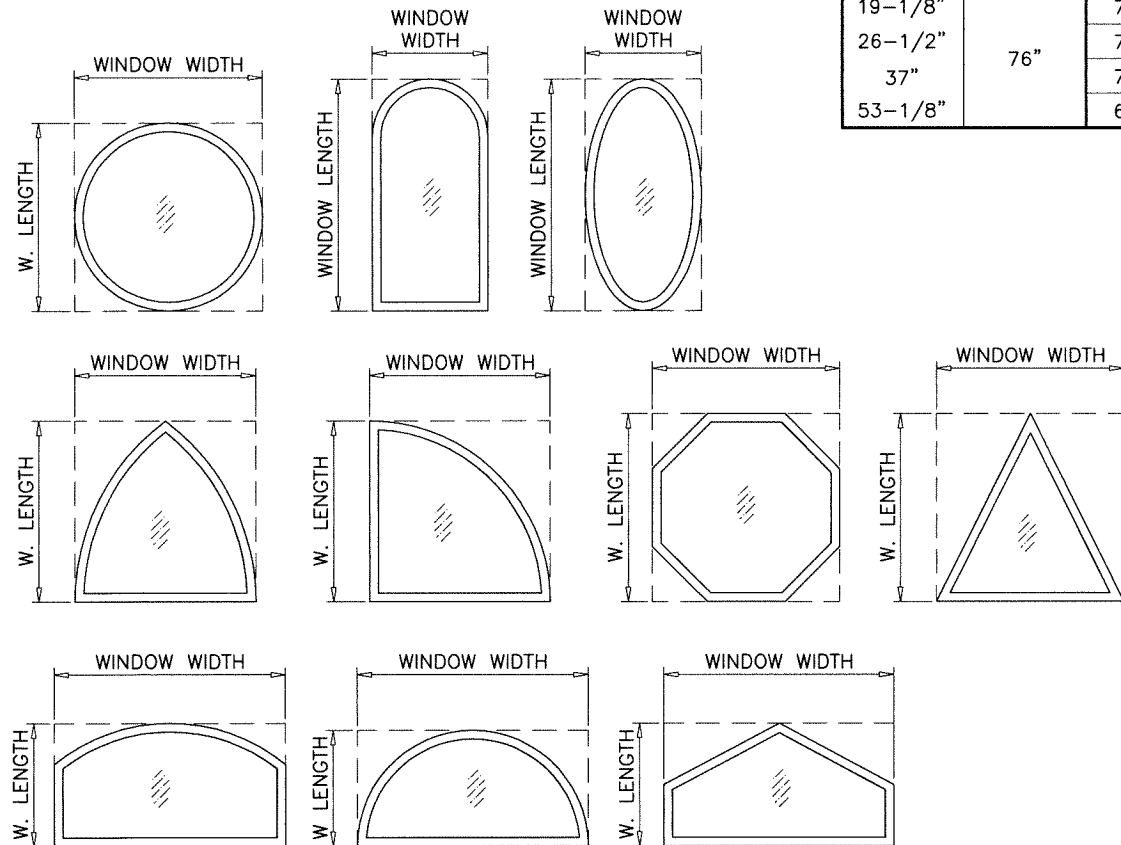


DESIGN LOAD CAPACITY - PSF 1-1/4", 1-1/2" & 1-3/4" FRAMES			
FRAME DIMS.		GLASS TYPES 'A' & 'AI'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
19-1/8"	26"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0
19-1/8"	38-3/8"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0
19-1/8"	50-5/8"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		66.4	66.4
19-1/8"	56"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		63.2	63.2
19-1/8"	63"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		63.2	63.2
19-1/8"	72"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		63.2	63.2
19-1/8"	76"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		63.2	63.2

DESIGN LOAD CAPACITY - PSF 1-1/2" & 1-3/4" FRAMES			
FRAME DIMS.		GLASS TYPES 'B' & 'Bi'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0
19-1/8"	38-3/8"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0
19-1/8"	50-5/8"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0
19-1/8"	56"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0
19-1/8"	63"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0
19-1/8"	72"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0
19-1/8"	76"	70.0	70.0
26-1/2"		70.0	70.0
37"		70.0	70.0
53-1/8"		70.0	70.0

DESIGN LOAD CAPACITY - PSF 1-1/4", 1-1/2" & 1-3/4" FRAMES			
FRAME DIMS.		GLASS TYPES 'A' & 'Ai'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
36"	72"	70.0	70.0
42"		70.0	70.0
48"		70.0	70.0
54"		62.2	62.2
60"		56.0	56.0
66"		50.9	50.9
72"		46.7	46.7
36"	84"	70.0	70.0
42"		70.0	70.0
48"		70.0	70.0
54"		62.2	62.2
60"		56.0	56.0
66"		50.9	50.9
72"		46.7	46.7
36"	96"	70.0	70.0
42"		70.0	70.0
48"		70.0	70.0
54"		62.2	62.2
60"		56.0	56.0
72"		46.7	46.7
36"	120"	70.0	70.0
42"		70.0	70.0
48"		70.0	70.0
36"	132"	70.0	70.0
42"		70.0	70.0
36"	156"	70.0	70.0

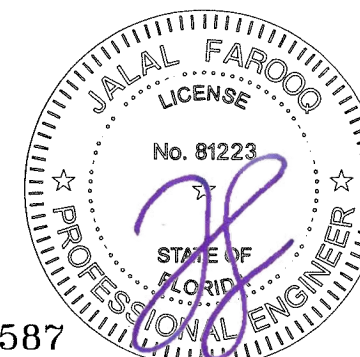
DESIGN LOAD CAPACITY - PSF 1-1/2" & 1-3/4" FRAMES			
FRAME DIMS.		GLASS TYPES 'B' & 'Bi'	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
66"	120"	70.0	70.0
72"		70.0	70.0
78"		70.0	70.0
84"		70.0	70.0
90"		65.3	65.3
96"		61.3	61.3
102"		57.6	57.6
108"		54.4	54.4
114"		51.6	51.6
120"		49.0	49.0
66"	132"	70.0	70.0
72"		70.0	70.0
78"		70.0	70.0
84"		70.0	70.0
90"		65.3	65.3
96"		61.3	61.3
102"		57.6	57.6
108"		54.4	54.4
66"		144"	70.0
72"	70.0		70.0
78"	70.0		70.0
84"	70.0		70.0
90"	65.3		65.3
96"	61.3		61.3
66"	156"	70.0	70.0
72"		70.0	70.0
78"		70.0	70.0
84"		70.0	70.0
90"		65.3	65.3
66"	172"	70.0	70.0
72"		70.0	70.0
78"		70.0	70.0
84"		70.0	70.0
66"	180"	70.0	70.0
72"		70.0	70.0
78"		70.0	70.0



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 ARE BASED ON
ASTM E1300-16 (3 SEC. GUSTS).

Sealed: 9/17/2026



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revisions:	no date	by description
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date: 06-06-22

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dr. by: TARIO

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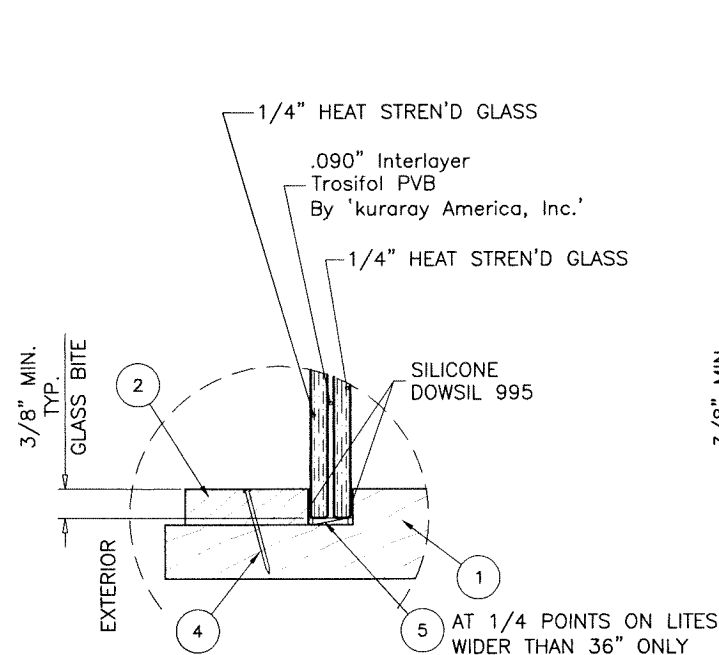
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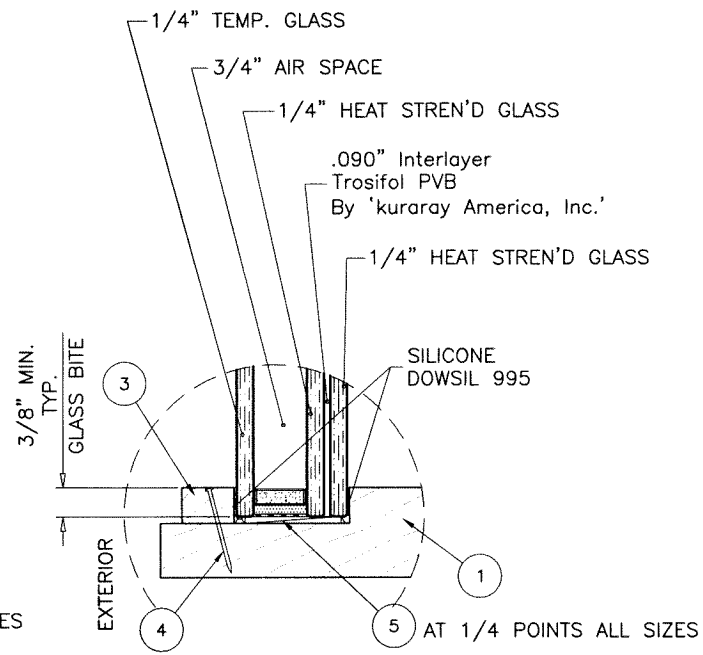
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FL #41587

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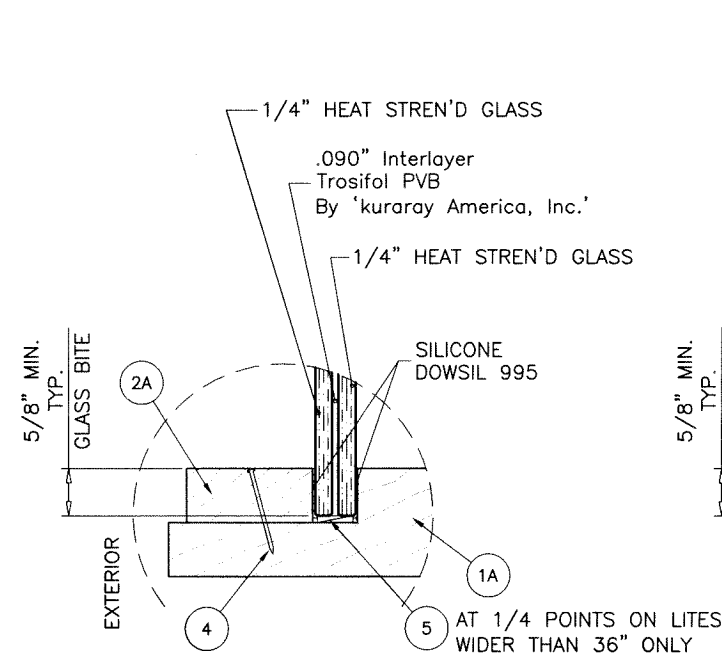


GLASS TYPE 'A'
9/16" OVERALL LAM. GLASS

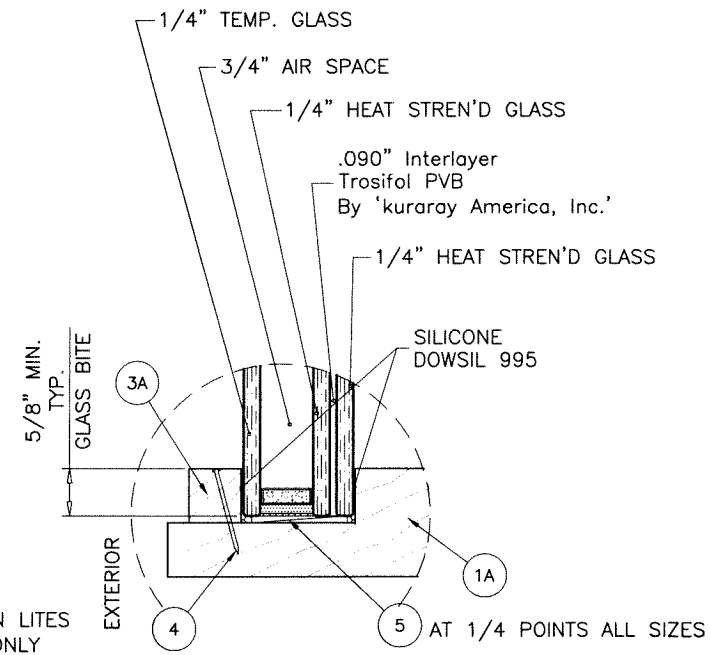


GLASS TYPE 'Ai'
1-1/2" OVERALL INSUL. LAM. GLASS

1-1/4" FRAMES

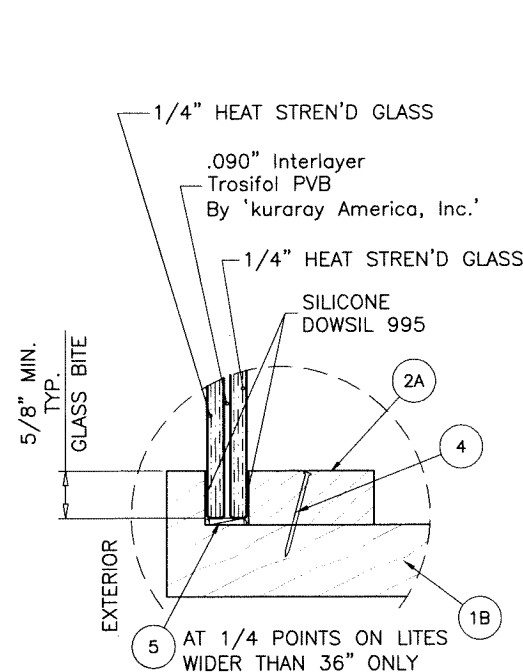


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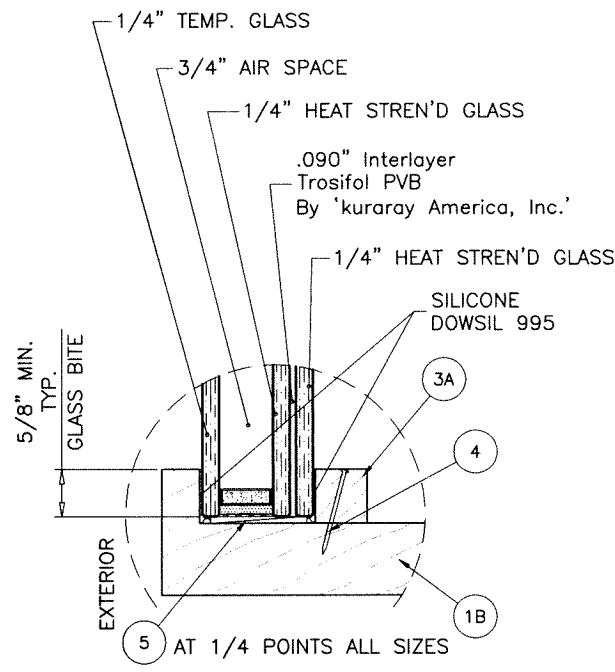


GLASS TYPE 'Ai'
1-1/2" OVERALL INSUL. LAM. GLASS

1-1/2" FRAMES



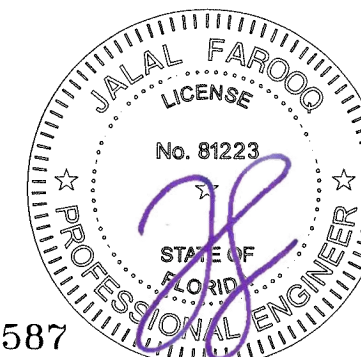
GLASS TYPE 'A'
9/16" OVERALL LAM. GLASS



GLASS TYPE 'Ai'
1-1/2" OVERALL INSUL. LAM. GLASS

1-3/4" FRAMES

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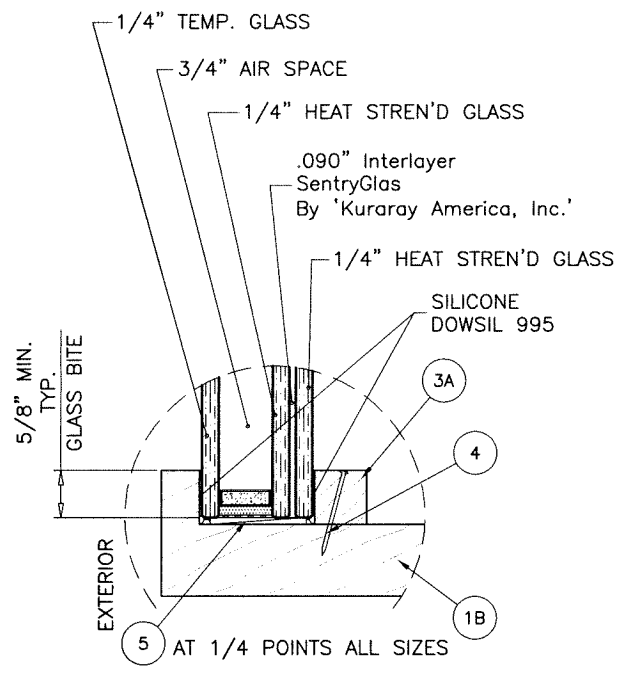
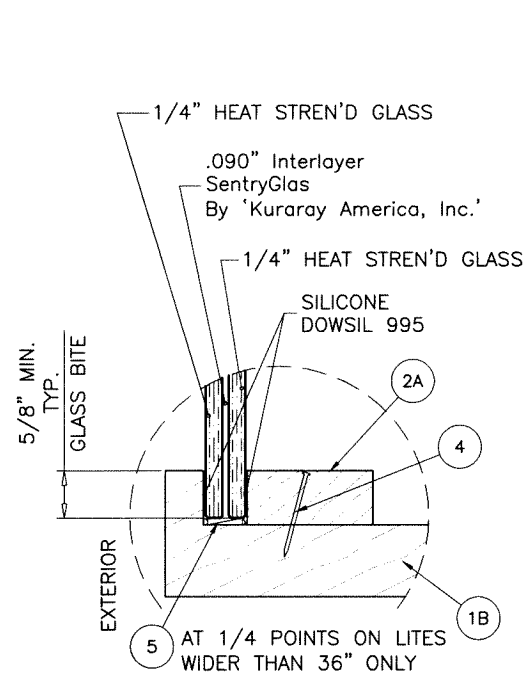
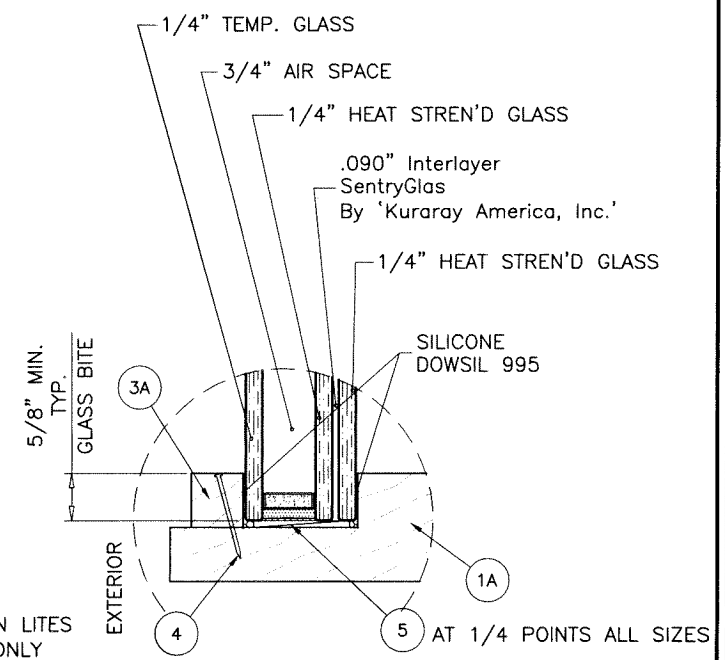
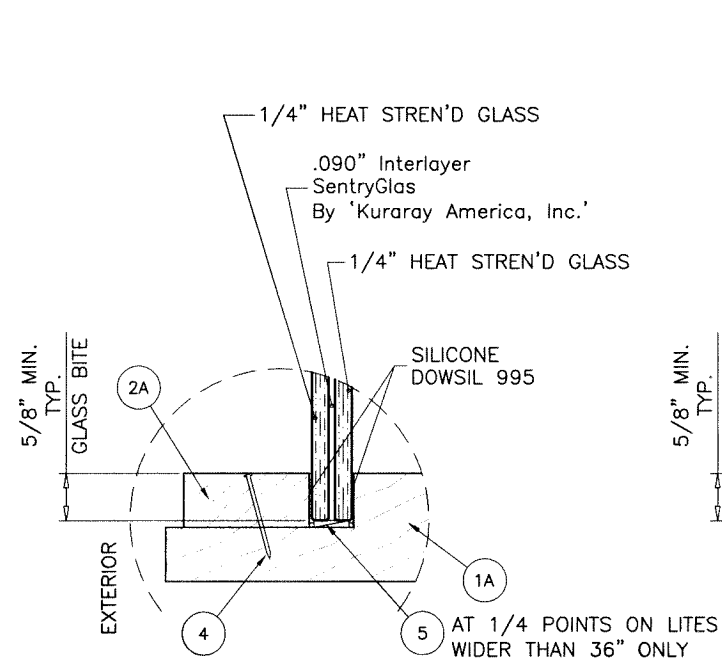
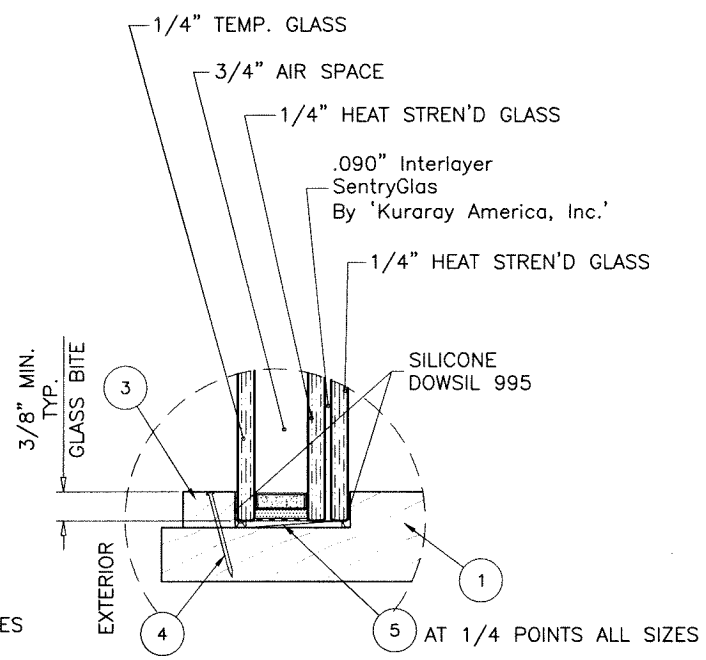
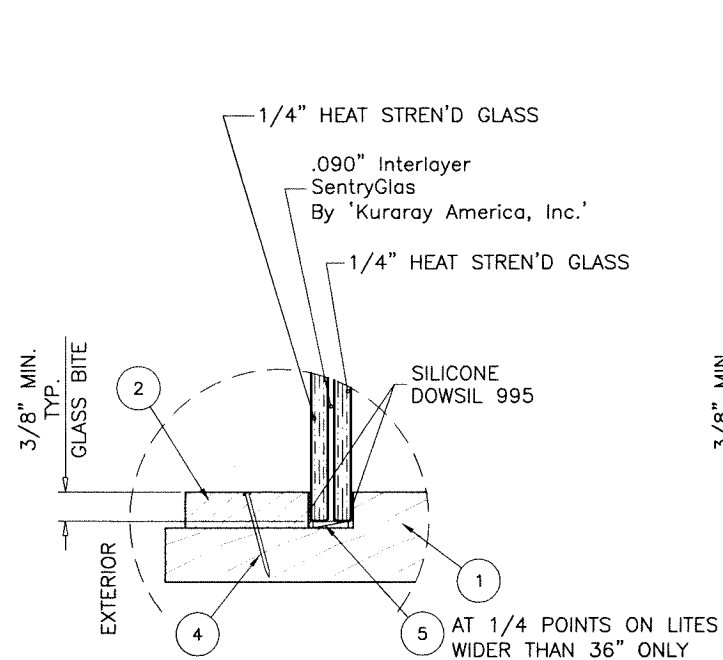
Exclusive Wood Doors, Inc.
2000 N.W. 95th Ave.
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revisions:

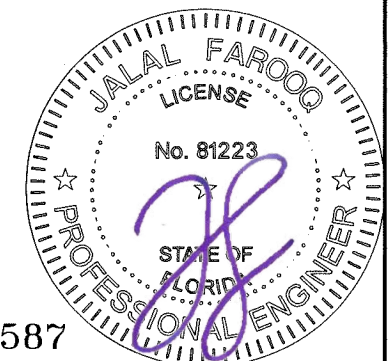
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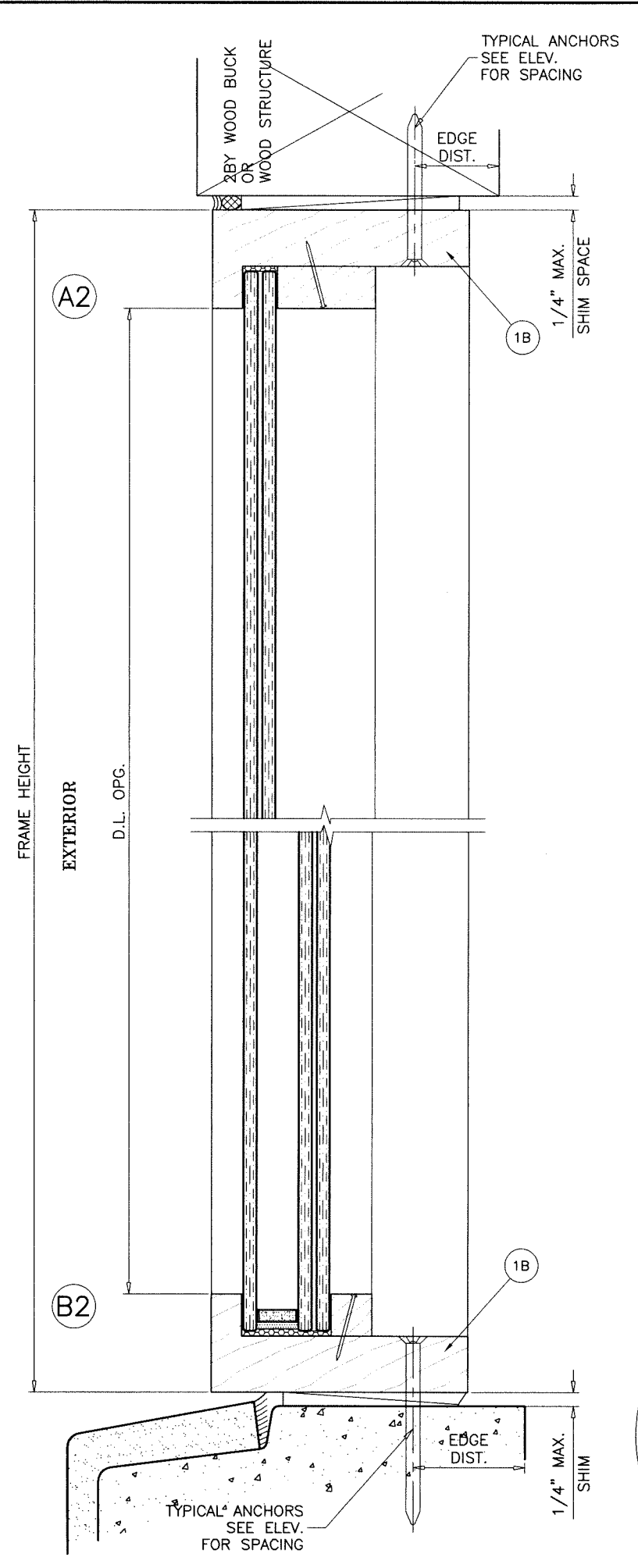
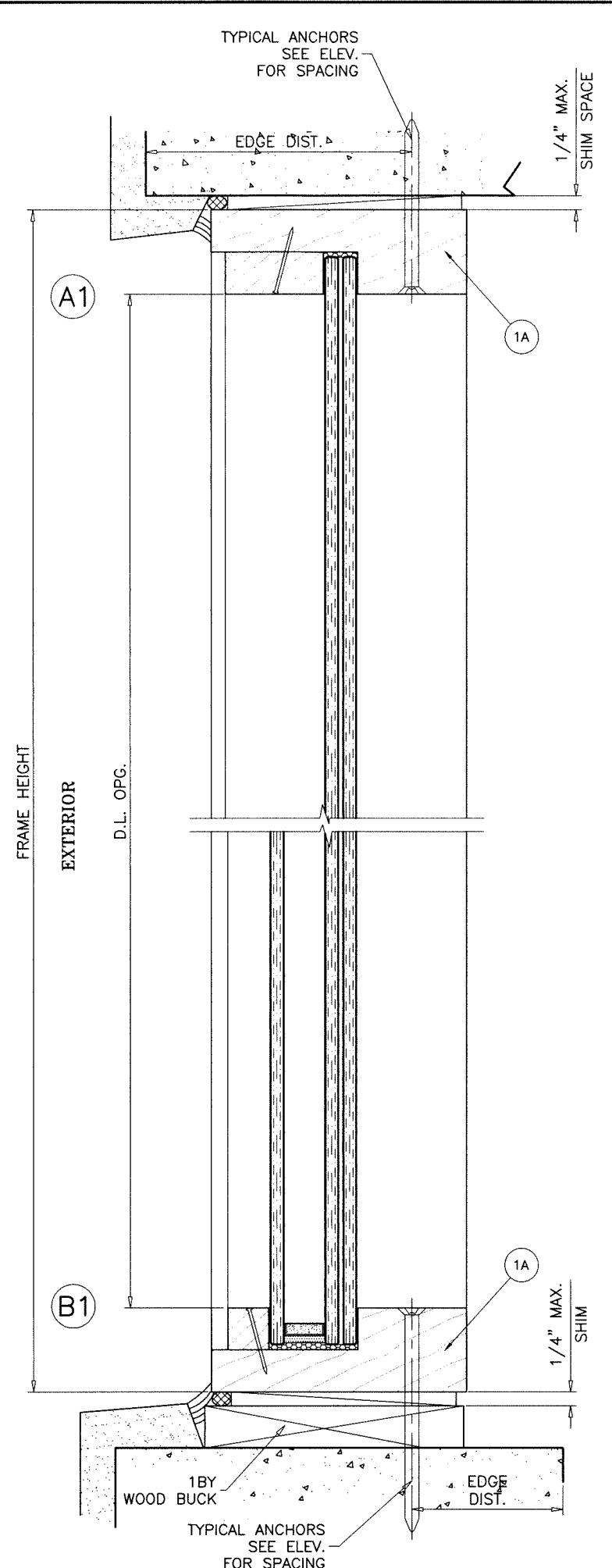
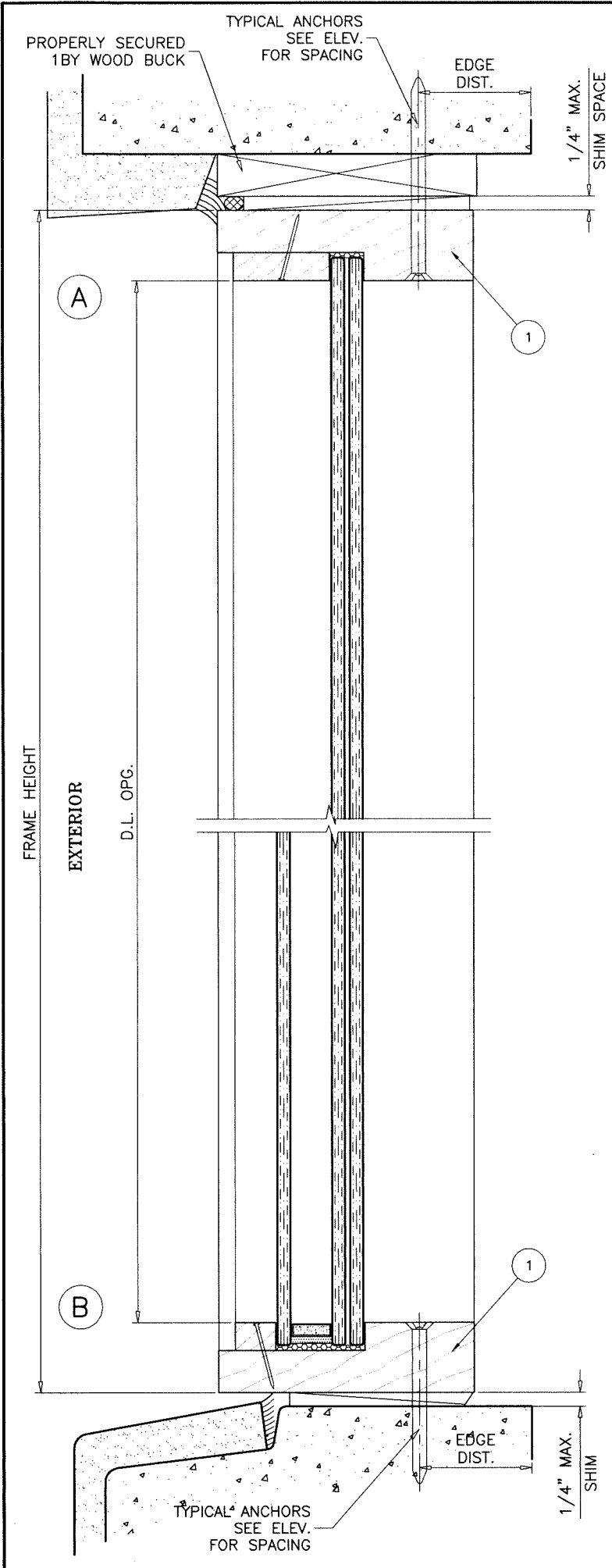
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22-19F
sheet 4 of 9



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AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 TEL. (305) 264-8100 FAX. (305) 262-6978 COMP-ANL 22-19F-EWD	
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revisions: no. date by description	date: 06-06-22 scale: 3/8" = 1" dr. by: TARIQ chk. by:
drawing no. 22-19F sheet 6 of 9	

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.

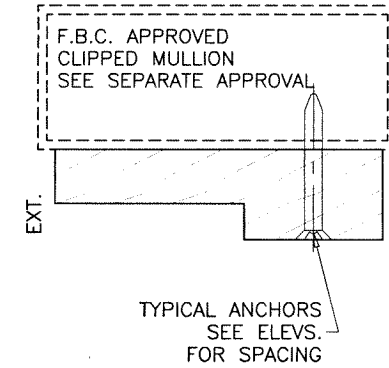
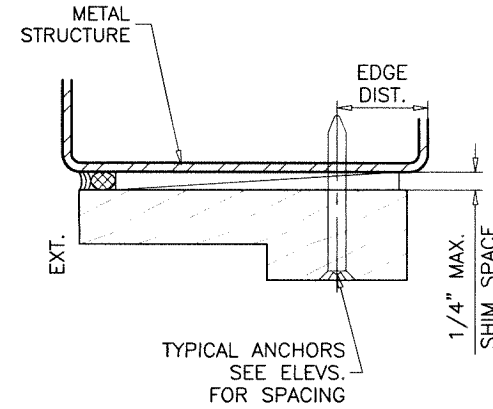
TYPICAL ANCHORS: SEE ELEV. FOR SPACING

- TYPE 'A' - **#14 WOOD SCREWS** (GRADE 2 CRS)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)
- TYPE 'B' - **1/4" DIA. TAPCON BY 'ITW'** (Fu=125 KSI, Fy=100 KSI)
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/SILL/JAMBS)
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)
- TYPE 'C' - **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)

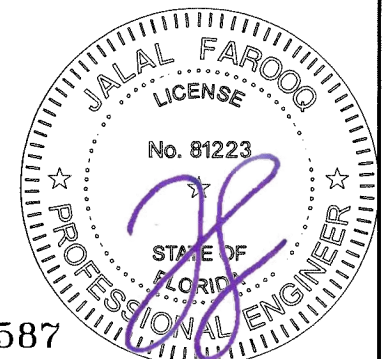
CRITICAL EDGE DISTANCE

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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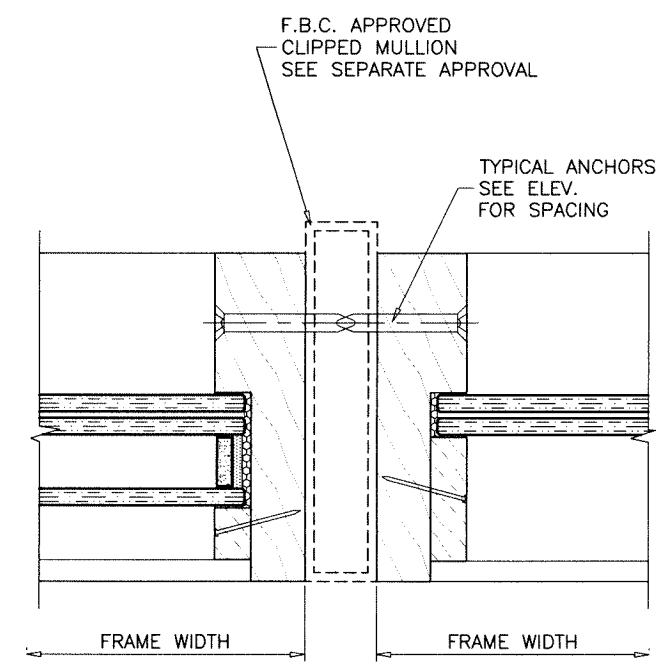
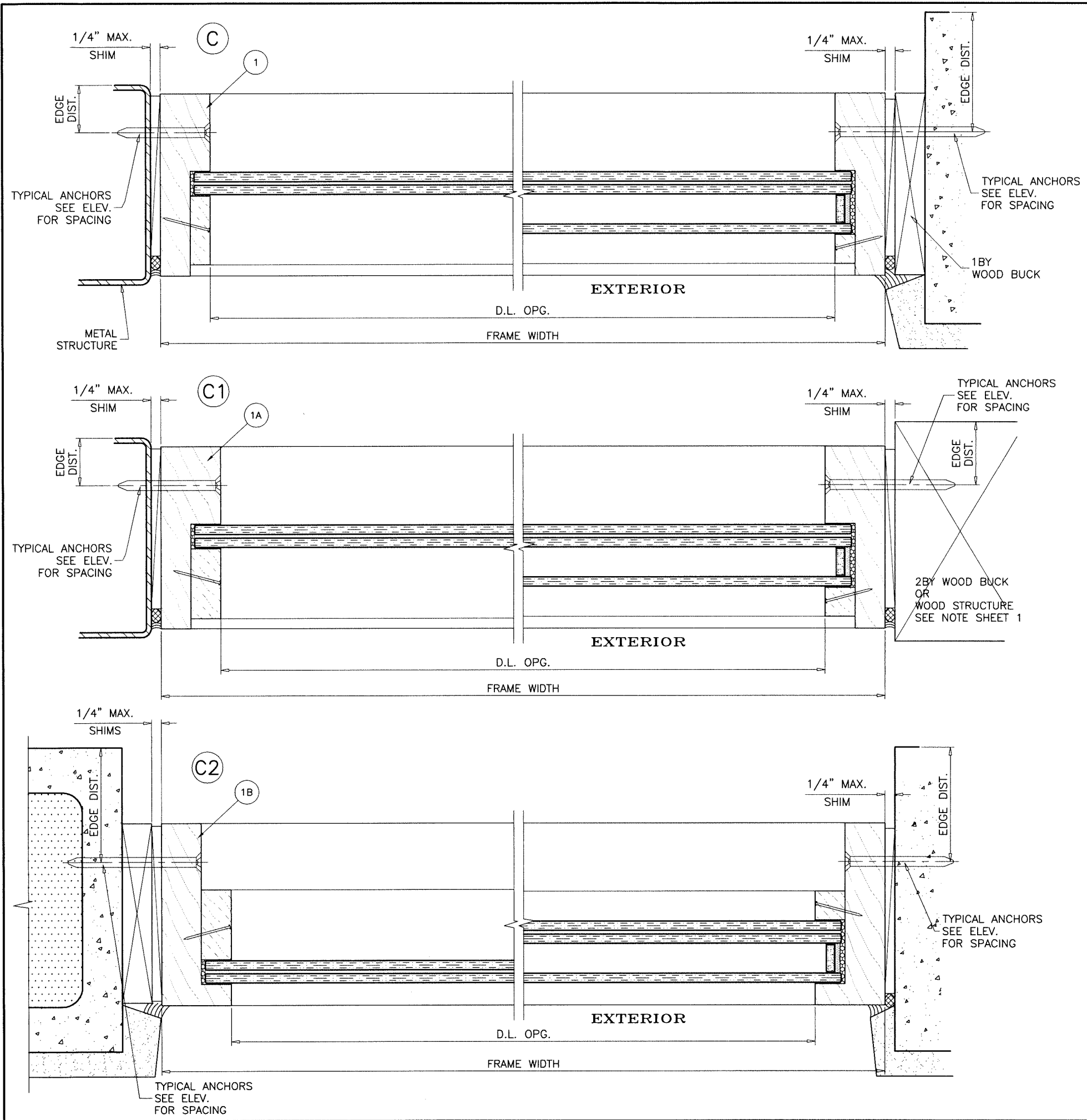
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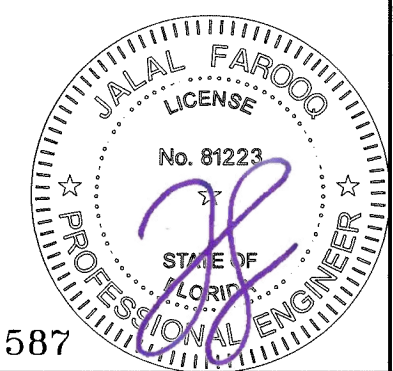
DIRECT SET FIXED WOOD WINDOW (L.M.I.)

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: 06-06-22		scale: 3/8" = 1"		dr. by: TARIQ		chk. by:		drawing no.	
								22-19F	
								sheet 7 of 9	



Sealed: 9/17/2026



FL #41587

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

COMP-ANL\22-19F-EWD

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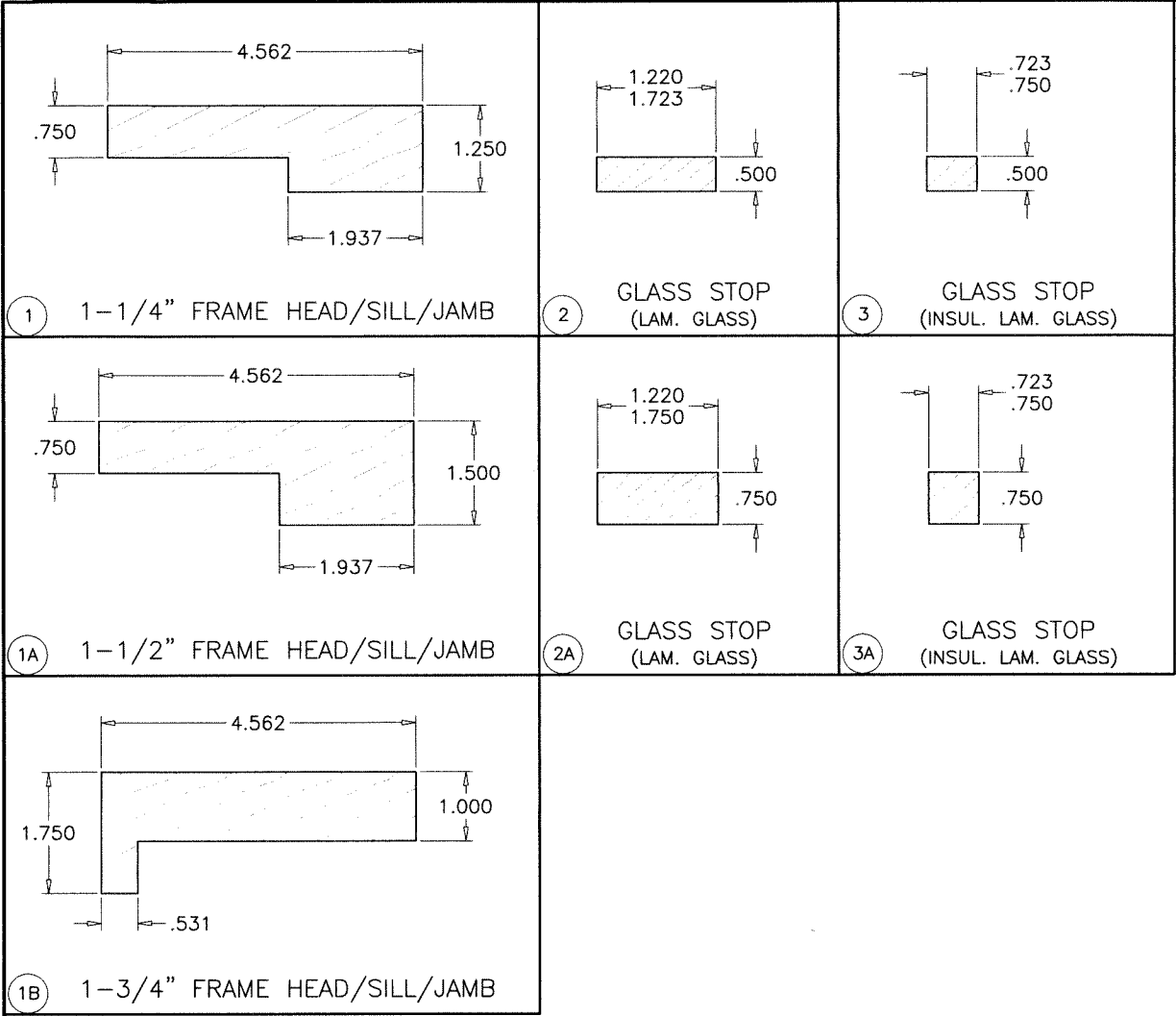
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ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	4	1-1/4" FRAME HEAD/SILL/JAMB	WOOD	MAHOGANY
1A	-	4	1-1/2" FRAME HEAD/SILL/JAMB	WOOD	MAHOGANY
1B	-	4	1-3/4" FRAME HEAD/SILL/JAMB	WOOD	MAHOGANY
2	-	4/ WDW.	1/2" GLASS STOP (LAM. GLASS)	WOOD	MAHOGANY
2A	-	4/ WDW.	3/4" GLASS STOP (LAM. GLASS)	WOOD	MAHOGANY
3	-	4/ WDW.	1/2" GLASS STOP (INSUL. LAM. GLASS)	WOOD	MAHOGANY
3A	-	4/ WDW.	3/4" GLASS STOP (INSUL. LAM. GLASS)	WOOD	MAHOGANY
4	-	AS REQD.	18 GA. X 1-1/4" BRAD NAILS	-	AT 6" FROM ENDS & 12" O.C.
5	-	AS REQD.	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A

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

SEALANTS:
ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE.

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C.A.N. 3538

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