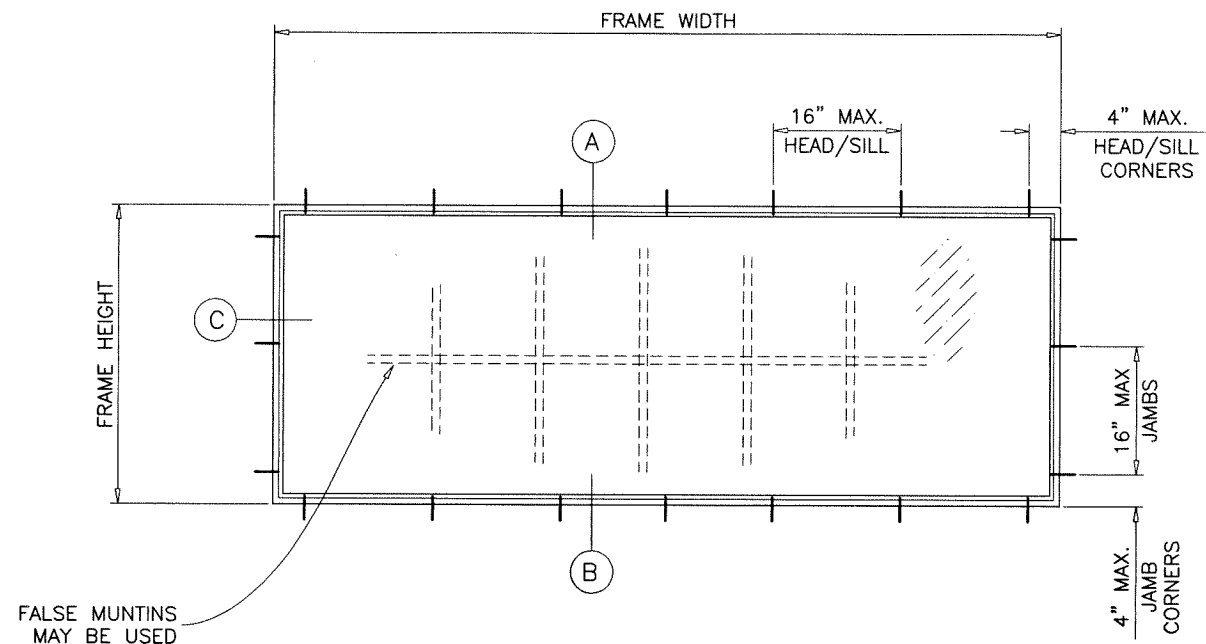
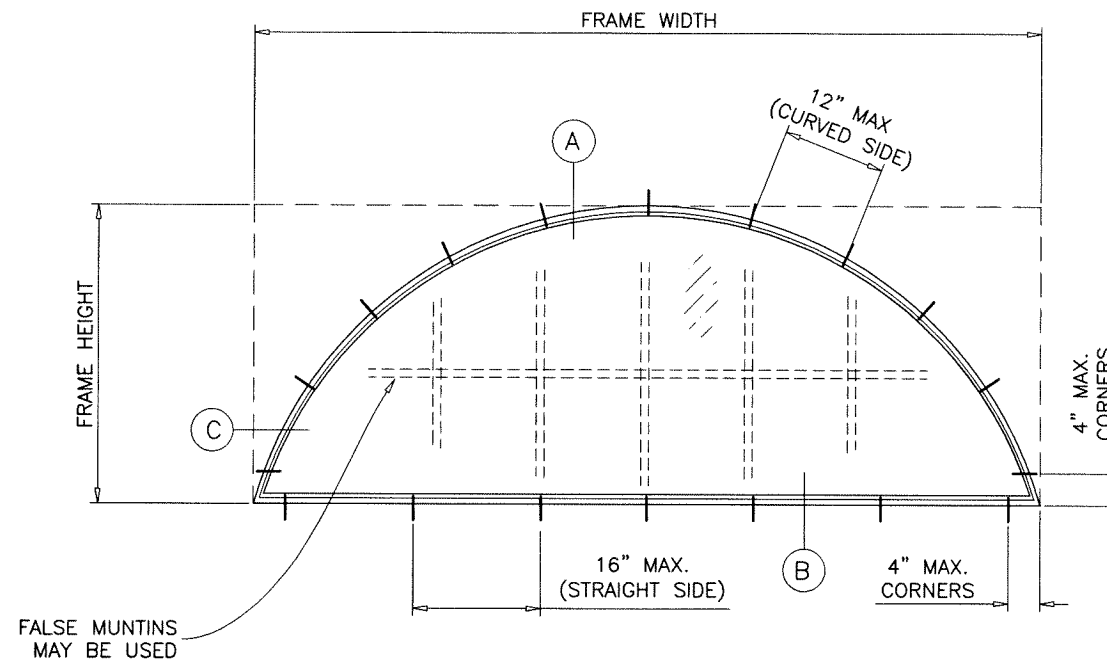




TYPICAL ELEVATION



TYPICAL ELEVATION

DIRECT SET - TRANSOM OR SIDELITE

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

THESE WINDOWS CAN BE INSTALLED AS SINGLE UNITS OR IN COMBINATION WITH MIAMI-DADE COUNTY APPROVED PRODUCTS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURES FROM WINDOWS, DOORS 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.

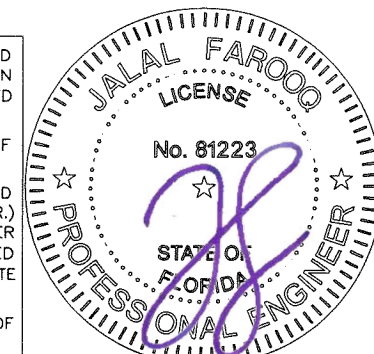
THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

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.

LAM. GLASS
INSUL. LAM. GLASS

Sealed: 10/13/2026

FL #25680



- 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\W17-111HWD

DIRECT SET - TRANSOM OR SIDELITE (L.M.I.)

EXCLUSIVE WOOD DOORS

1950 NW 70 AVE.
MIAMI, FL 33126
TEL. (305) 447-2278 FAX. (305) 447-7140

no	date	description
A	10.12.26	UPDATED TO 2026 FBC

date: 12-14-17

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

dr. by: M.L.S.

chk. by:

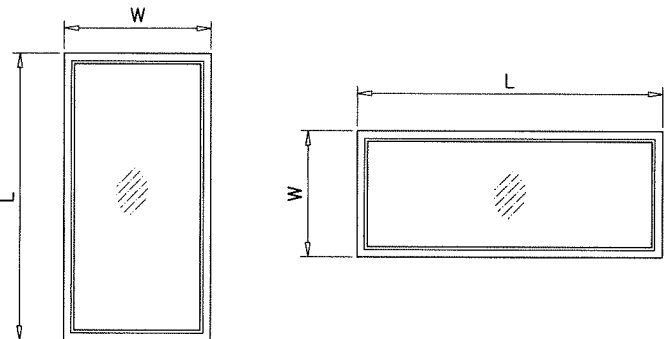
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W17-111

sheet 1 of 5

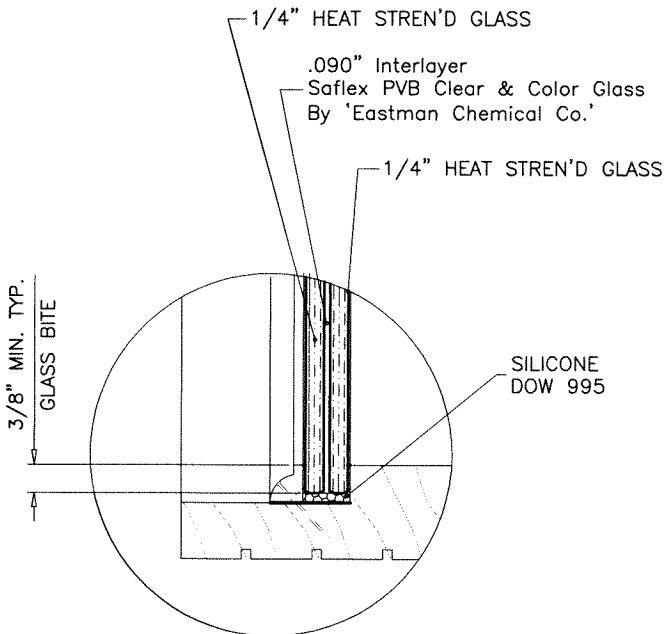
DESIGN LOAD CAPACITY - PSF		
WINDOW DIMS.		GLASS TYPE '1' & '2'
WIDTH	HEIGHT	EXT.(+) INT.(-)
24"	24	70.0
30"		70.0
37 3/8"		70.0
42"		70.0
48"		70.0
54"		70.0
60"		70.0
66"		70.0
72"		70.0
78"		70.0
84"		70.0
90"		70.0
96"		70.0
98 5/8"		70.0
120"	30	70.0
132"		70.0
30"		70.0
37 3/8"		70.0
42"		70.0
48"		70.0
54"		70.0
60"		70.0
66"		70.0
72"		70.0
78"		70.0
84"		70.0
90"		70.0
96"		70.0
98 5/8"		70.0
120"		70.0

DESIGN LOAD CAPACITY - PSF		
WINDOW DIMS.		GLASS TYPE '1' & '2'
WIDTH	HEIGHT	EXT.(+) INT.(-)
37 3/8"	37 3/8"	70.0
42"		70.0
48"		70.0
54"		70.0
60"		70.0
66"		70.0
72"		70.0
78"		70.0
84"		70.0
90"		70.0
96"		70.0
98 5/8"		70.0
42"	42"	62.3
48"		62.3
54"		62.3
60"		62.3
66"		62.3
72"		62.3
78"	48"	62.3
84"		62.3
48"	48"	54.5
54"		54.5
60"		54.5
66"		54.5
54"	54"	48.4
60"		48.4
66"		48.4
60"	60"	43.6

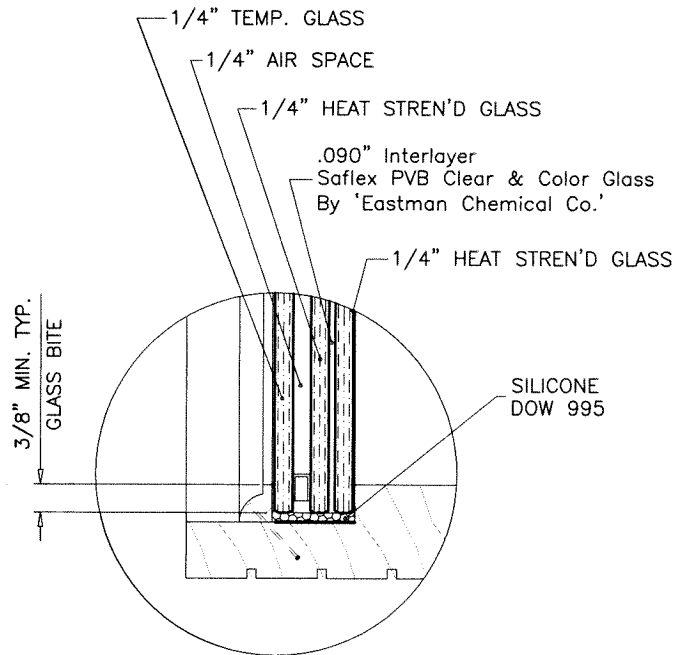


NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.

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

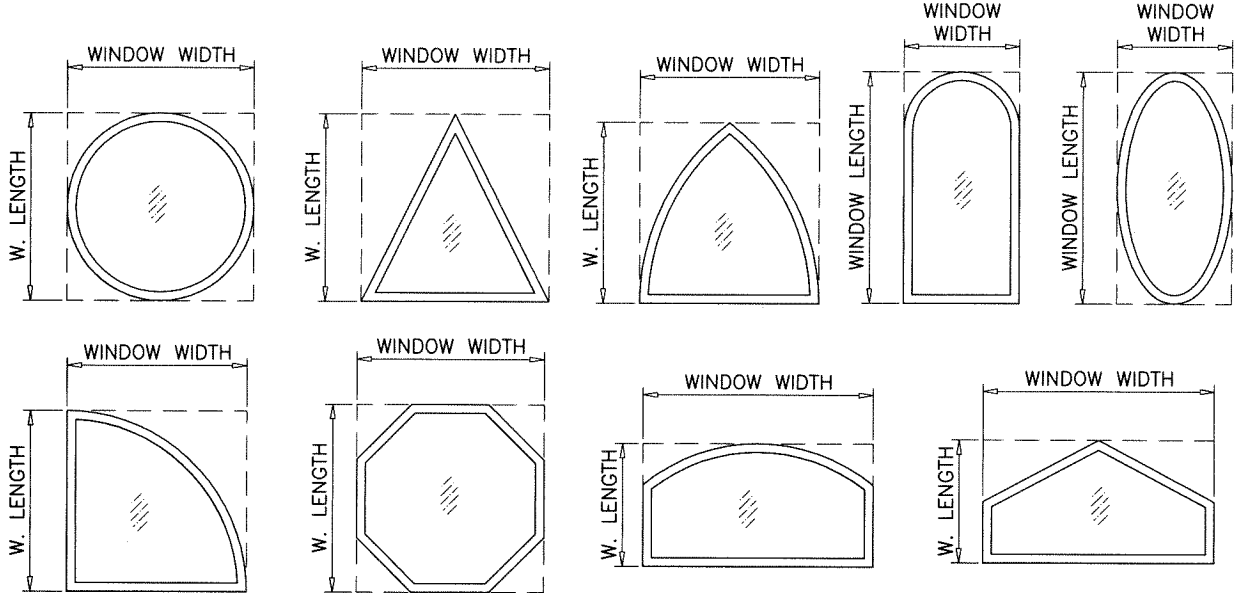


GLASS TYPE '1'
9/16" OVERALL LAM. GLASS



GLASS TYPE '2'
1" OVERALL INSUL. LAM. GLASS

GLAZING OPTIONS



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NOTE:
GLASS CAPACITIES ARE BASED ON
ASTM E1300-16 (3 SEC. GUSTS).

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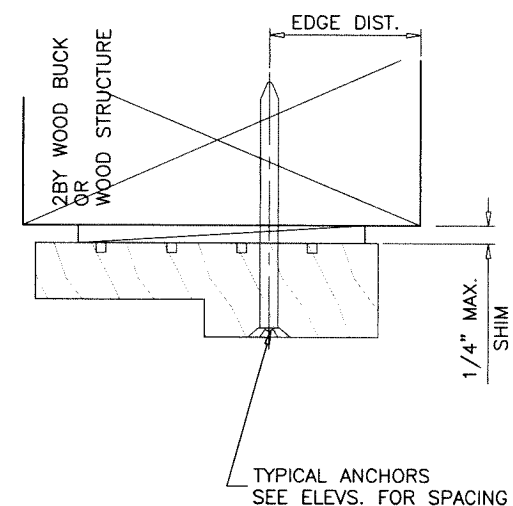
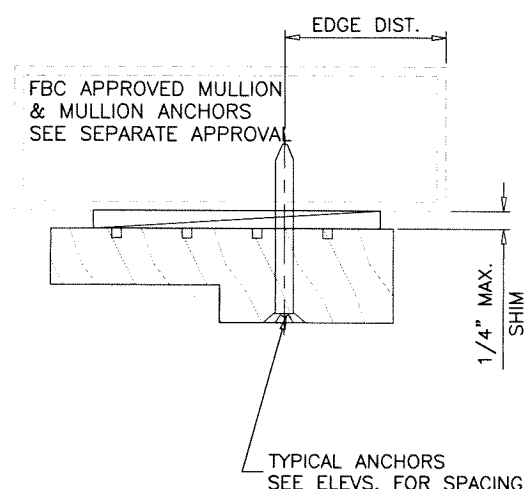
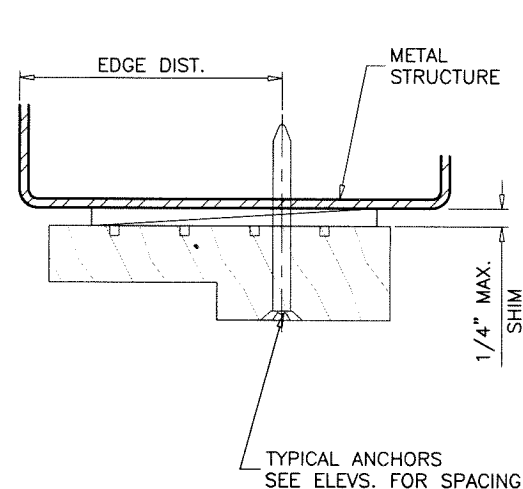
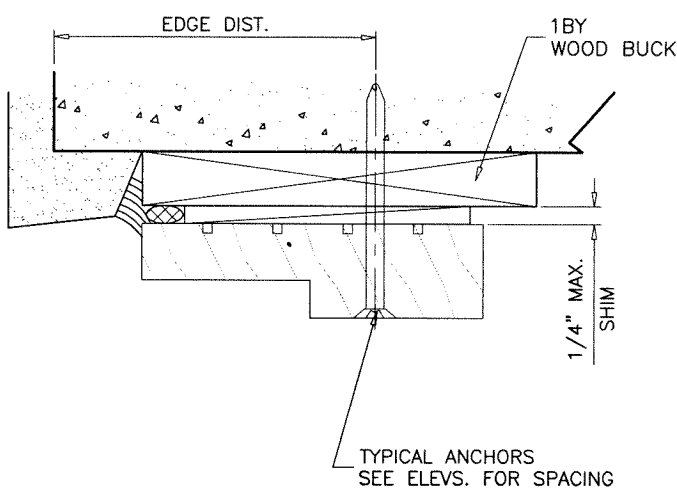
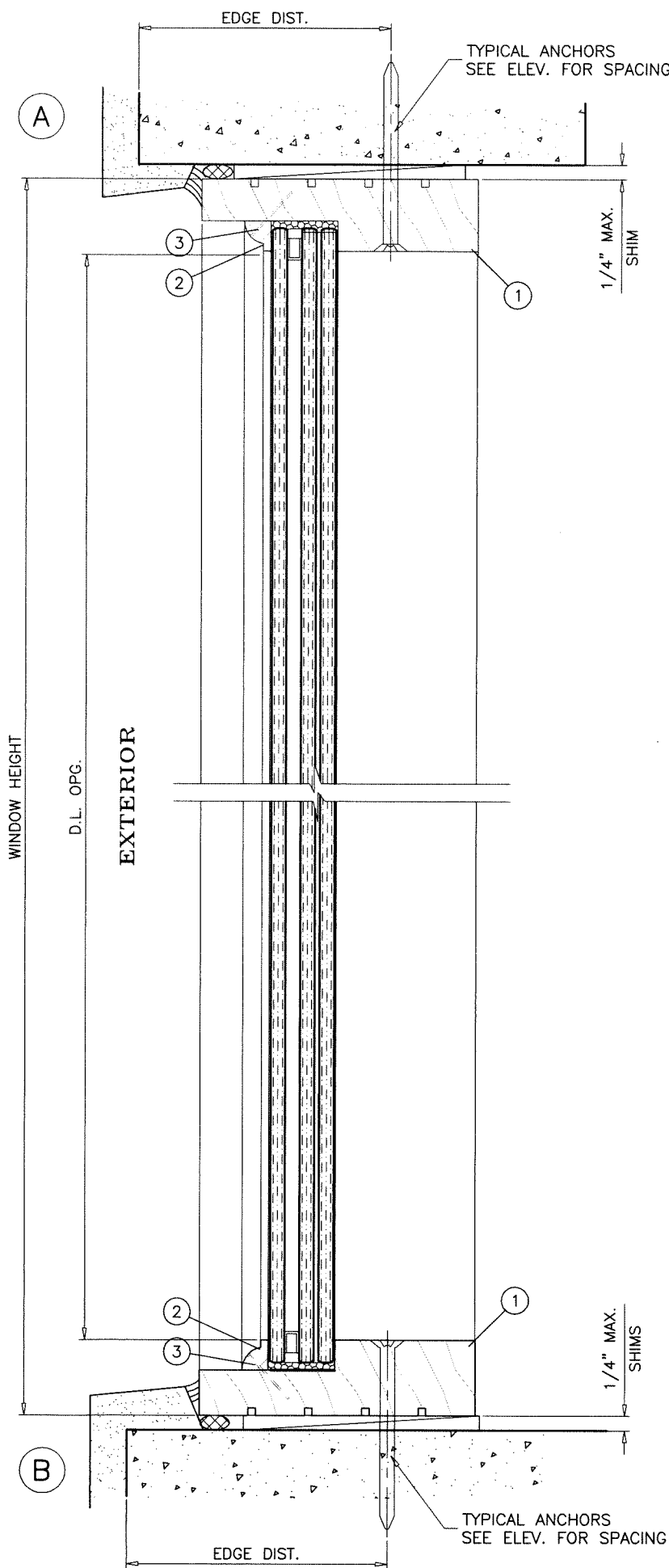
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revisions:
no date by description

date: 12-14-17
scale: 3/8" = 1"
dr. by: MJS
chk. by:

drawing no.
W17-111
sheet 2 of 5



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

ANCHORS THRU WINDOW FRAME

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

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

THRU 1BY BUCKS INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

DIRECTLY INTO CONC. OR MASONRY
1-1/4" MIN. EMBED INTO CONC. OR MASONRY

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

INTO FBC APPROVED MULLIONS
OR

INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
(3) THREADS MIN. PENETRATION BEYOND SUBSTRATE

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)

#14 WOOD SCREW

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/2" MIN. PENETRATION INTO WOOD

ANCHORS EDGE DISTANCES

INTO CONCRETE AND MASONRY = 2" MIN.

INTO METAL STRUCTURE = 3/4" MIN.

INTO WOOD STRUCTURE = 1" MIN.

CONCRETE AT HEAD, SILL OR JAMBS f'c = 3000 PSI MIN.

C-90 HOLLOW/FILLED BLOCK AT JAMBS f'm = 2000 PSI MIN.

WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.

SEALANT:

ALL JOINTS SEALED WITH D3 WOOD ADHESIVE

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

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FL #25680



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sheet 3 of 5

AL-FAROOQ CORPORATION

ENGINEERS & PRODUCT DEVELOPMENT

9360 SUNSET DRIVE, SUITE 220

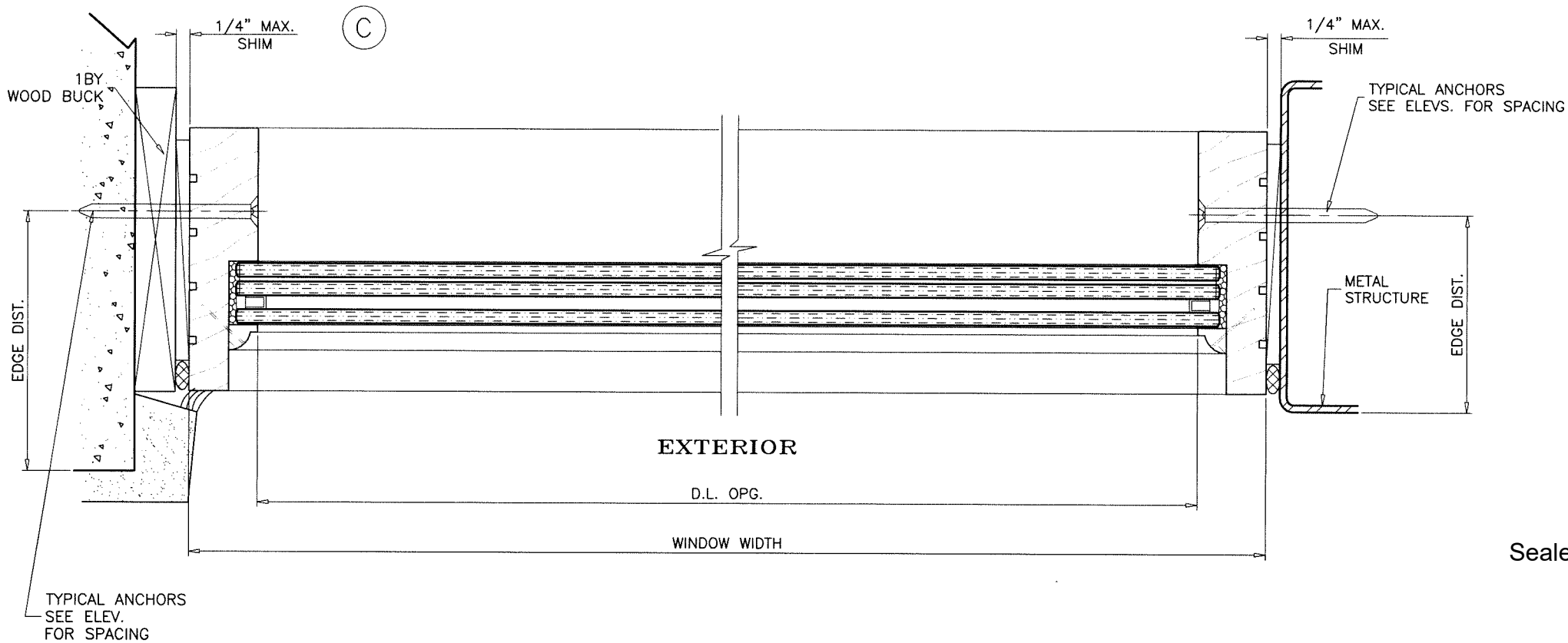
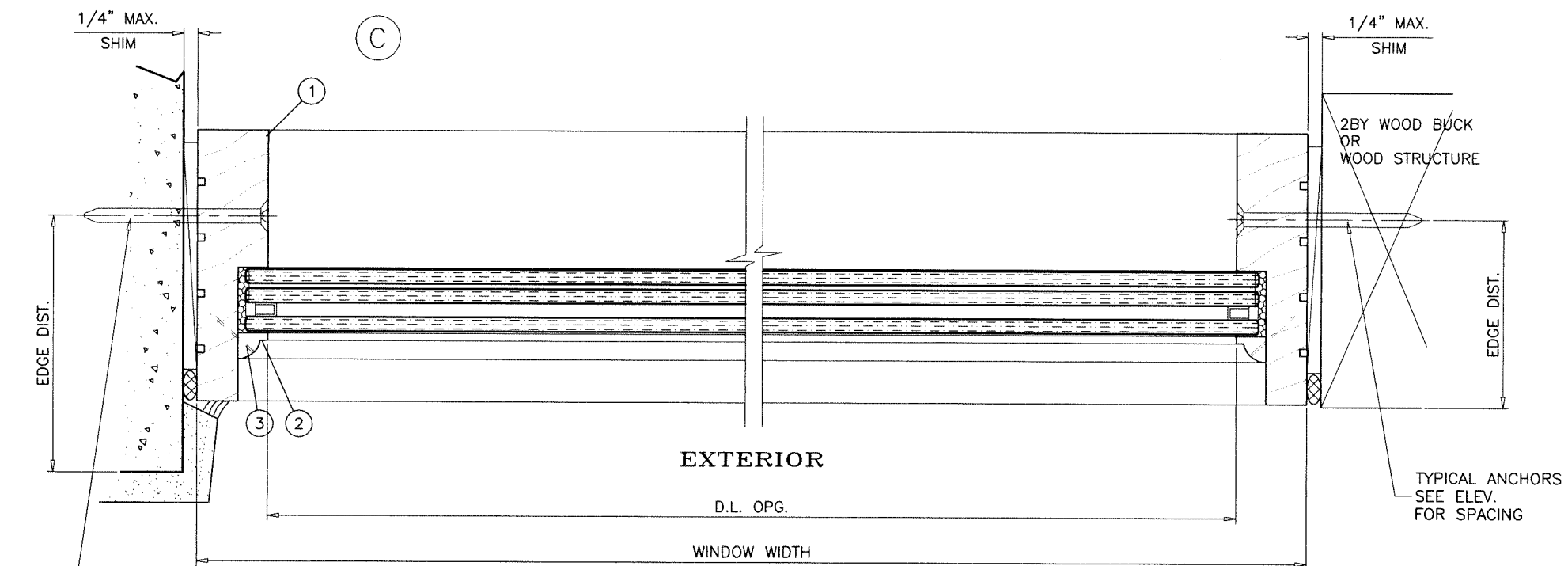
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FAX. (305) 262-6978

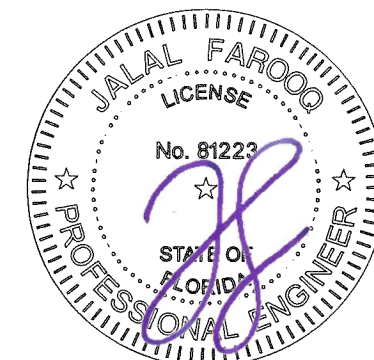
(C.A.N. 3538)

COMP-ANL W17-111HWD



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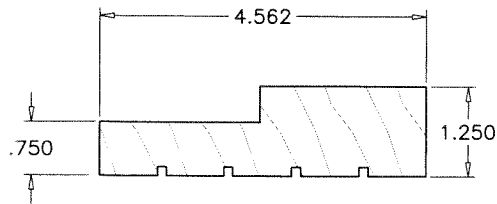


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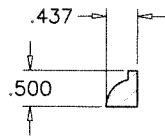
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chk. by:			
drawing no.	W17-111		
sheet	4 of 5		

COMP-ANL W17-111HWD



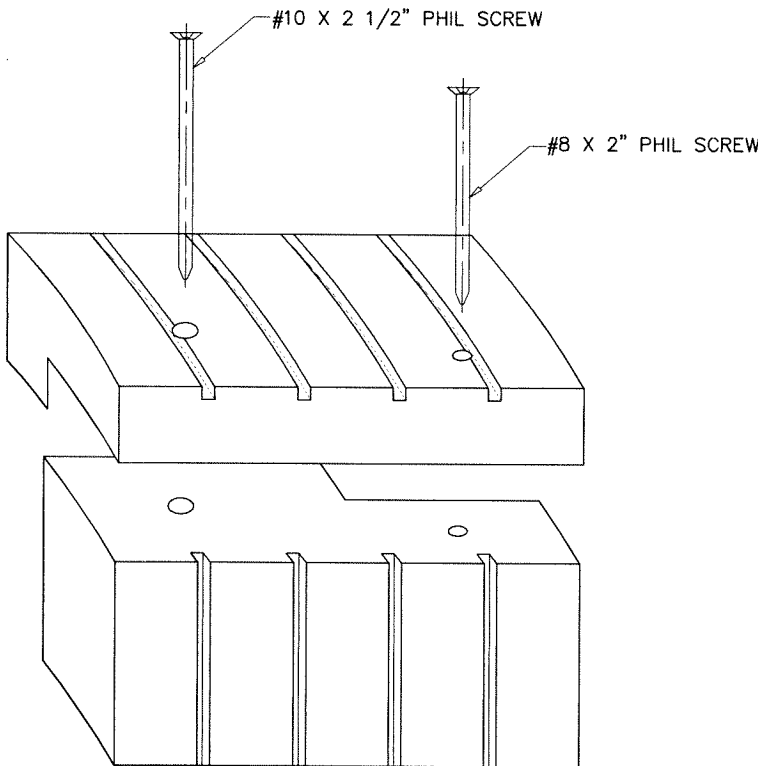
① FRAME HEAD/SILL/JAMB



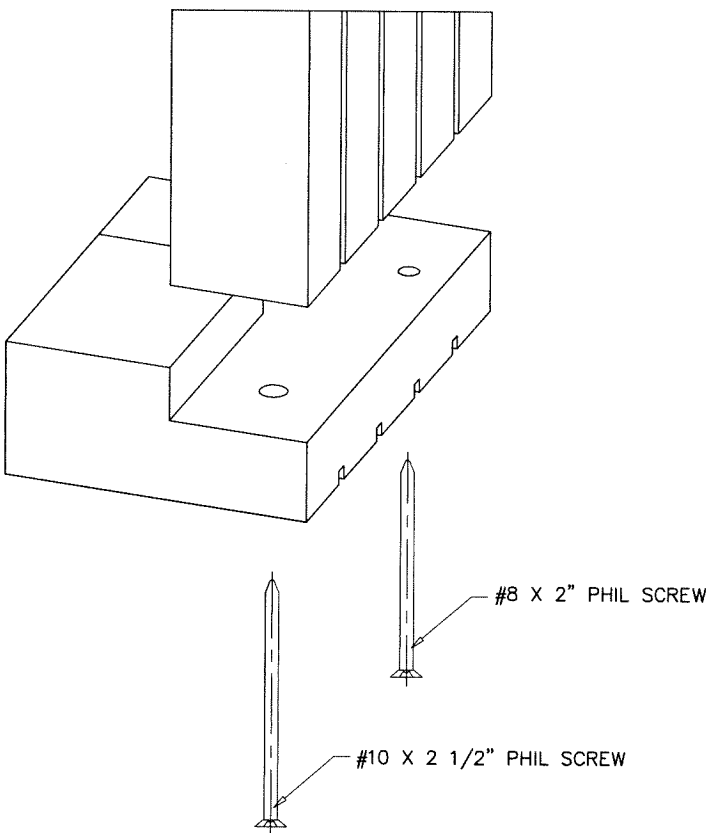
② GLAZING BEAD

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	—	4/ WDW.	FRAME HEAD/SILL/JAMB	WOOD	WOOD
2	—	4/ WDW.	EXTERIOR GLASS STOP	WOOD	WOOD
3	—	AS REQD.	18 GA. X 1" BRAD NAILS	—	12" O.C. MAC

TYPICAL WOOD—MARA MACHO MAHOGANY
 SPECIFIC GRAVITY = 0.44 MIN.
 TYPICAL WOOD—OAK
 SPECIFIC GRAVITY = 0.50 MIN.



Cross Section:
 Elliptical Frame Top
 Assembly



Cross Section:
 Rectangular and Radius
 Frame Top Assembly

FRAME CORNER DETAILS

Sealed: 10/13/2026

FL #25680

TYPICAL AT HEAD AND SILL
 WITH (1) #8 x 2" PHIL SCREW AND (1) #10 x 2 1/2" PHIL SCREW
 ALL WOOD CONTACT SURFACES ARE FULLY GLUED WITH D3 WOOD
 ADHESIVE.



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