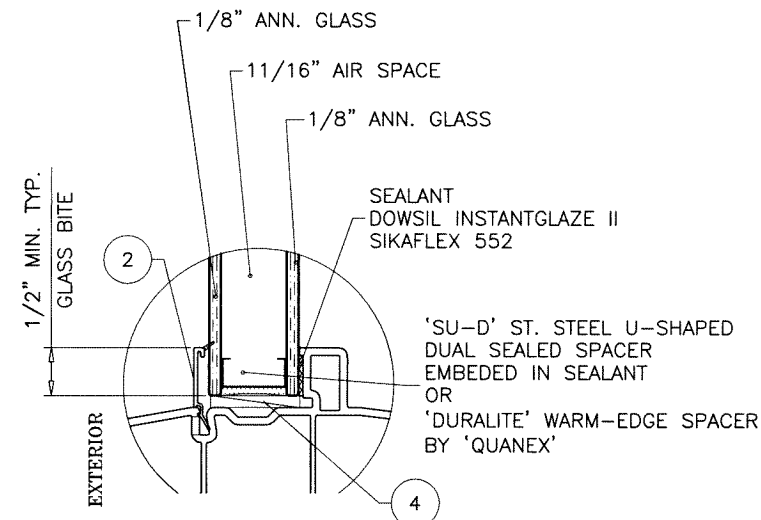
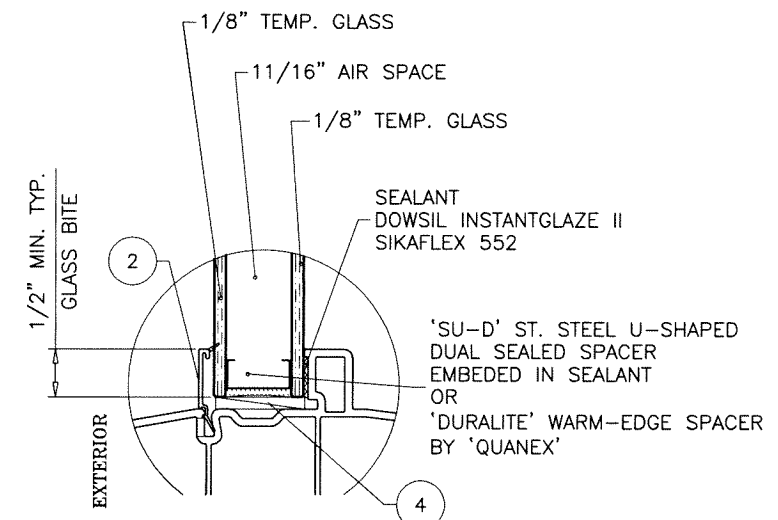
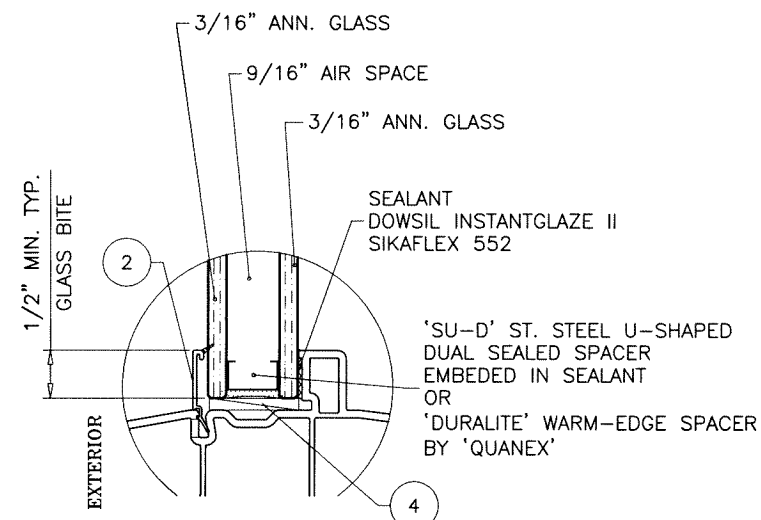




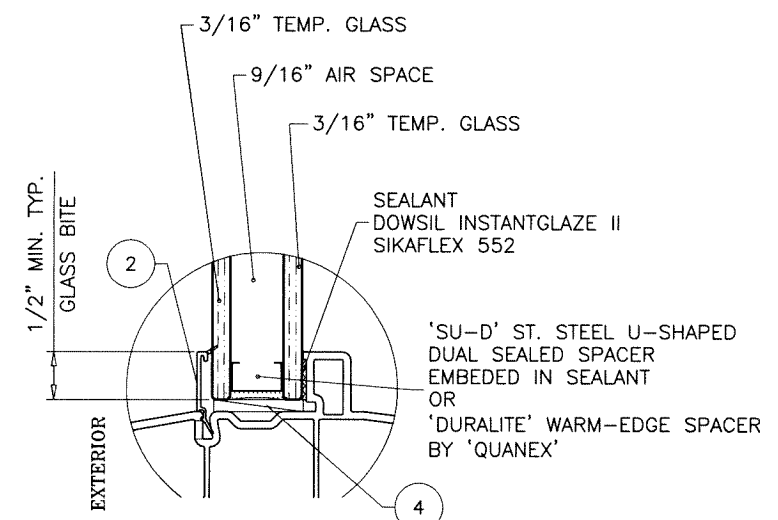
GLASS TYPE 'A'
1" OVERALL INSULATED GLASS



GLASS TYPE 'B'
1" OVERALL INSULATED GLASS



GLASS TYPE 'C'
1" OVERALL INSULATED GLASS



GLASS TYPE 'D'
1" OVERALL INSULATED GLASS

THESE WINDOWS ARE NOT RATED FOR IMPACT.
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET
THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

OCEANVIEW

VINYL FIXED WINDOWS (N.I.)

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

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE
COMBINATIONS OF FIX./FIX. 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 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) FLORIDA BUILDING CODE FOR
NON HIGH VELOCITY HURRICANE ZONE.

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.

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

**INSULATED GLASS
NON IMPACT**

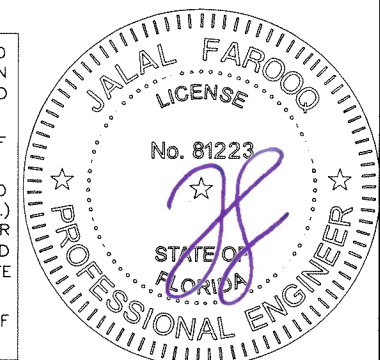
Sealed: 5/18/2026 FL #46985

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.



af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 262-8100 FAX. (305) 262-6978
COMP-ANL 24-47F-VI

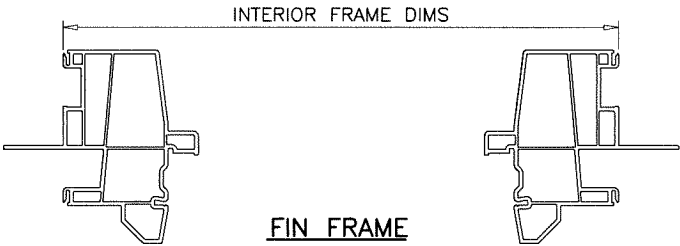
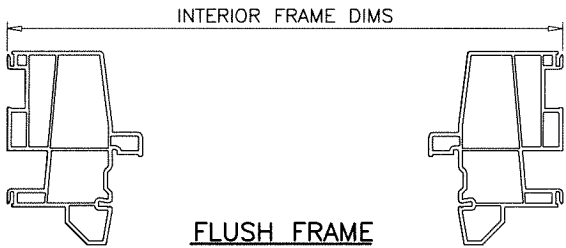
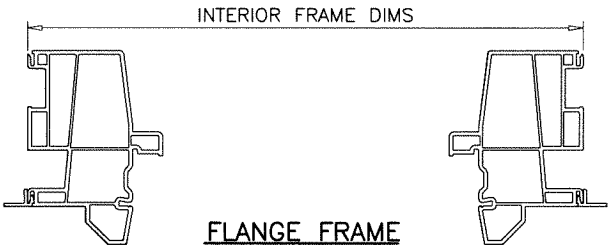
OCEANVIEW VINYL FIXED WDW. (N.I.)
VIWINCO, INC.
851 HEMLOCK ROAD
MORGANTOWN, PA. 19543
PHONE: (610) 286-8884 FAX: (610) 286-8877

revisions:		no	date	description
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date:	07-31-24	scale:	1/2" = 1"	dr. by: TARIQ
				chk. by:
drawing no.		24-47F		
sheet		1 of 8		

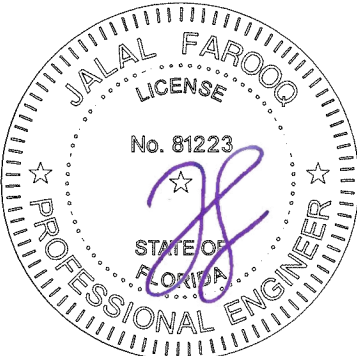
DESIGN LOAD CAPACITY – PSF									
FRAME DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLASS TYPE 'D'	
WIDTH	HEIGHT	EXT.(+)	1NT.(–)	EXT.(+)	1NT.(–)	EXT.(+)	1NT.(–)	EXT.(+)	1NT.(–)
36"	48"	80.7	83.0	80.7	87.4	80.7	93.6	80.7	100.0
42"		72.1	72.1	80.7	83.2	80.7	82.7	80.7	100.0
48"		63.6	63.6	80.7	81.9	80.7	82.7	80.7	100.0
54"		55.8	55.8	73.7	73.7	74.4	74.4	80.7	94.8
56"		50.6	50.6	71.7	71.7	72.3	72.3	80.7	92.1
60"		50.6	50.6	68.3	68.3	70.2	70.2	80.7	87.8
66"		–	–	–	–	70.2	70.2	80.7	82.7
72"		–	–	–	–	70.2	70.2	79.0	79.0
36"	56"	64.5	64.5	80.5	80.5	80.7	93.6	80.7	100.0
42"		57.8	57.8	74.9	74.9	80.2	80.2	80.7	96.3
48"		50.6	50.6	71.7	71.7	72.3	72.3	80.7	92.1
54"		46.7	46.7	70.3	70.3	70.9	70.9	80.7	90.4
56"		46.1	46.1	70.2	70.2	70.8	70.8	80.7	90.3
60"		–	–	–	–	66.4	66.4	80.7	84.6
66"		–	–	–	–	61.5	61.5	78.4	78.4
72"		–	–	–	–	60.2	60.2	73.8	73.8
36"	60"	64.5	64.5	78.0	78.0	80.7	93.6	80.7	100.0
42"		57.8	57.8	72.0	72.0	80.2	80.2	80.7	92.6
48"		50.6	50.6	68.3	68.3	70.2	70.2	80.7	87.8
54"		–	–	–	–	66.8	66.8	80.7	85.1
56"		–	–	–	–	66.4	66.4	80.7	84.6
60"		–	–	–	–	66.1	66.1	80.7	84.2
66"		–	–	–	–	60.6	60.6	77.2	77.2
72"		–	–	–	–	56.7	56.7	72.2	72.2
36"	72"	49.1	49.1	72.8	72.8	75.3	75.3	80.7	93.6
42"		47.6	47.6	66.1	66.1	73.3	73.3	80.7	84.9
48"		–	–	–	–	70.2	70.2	79.0	79.0
54"		–	–	–	–	62.4	62.4	74.9	74.9
56"		–	–	–	–	60.2	60.2	73.8	73.8
60"		–	–	–	–	56.7	56.7	72.2	72.2
66"		–	–	–	–	55.5	55.5	70.7	70.7
72"		–	–	–	–	55.1	55.1	70.2	70.2
36"	84"	37.9	37.9	69.5	69.5	64.8	64.8	80.7	89.3
42"		–	–	–	–	58.8	58.8	80.2	80.2
48"		–	–	–	–	58.8	58.8	73.7	73.7
54"		–	–	–	–	57.4	57.4	69.0	69.0
56"		–	–	–	–	53.1	53.1	67.7	67.7
60"		–	–	–	–	51.4	51.4	65.5	65.5
36"	96"	–	–	–	–	57.3	57.3	80.7	86.4
42"		–	–	–	–	48.4	48.4	77.0	77.0
48"		–	–	–	–	48.3	48.3	70.2	70.2
54"		–	–	–	–	48.1	48.1	65.1	65.1
36"	108"	–	–	–	–	53.4	53.4	80.7	84.2
42"		–	–	–	–	42.7	42.7	74.7	74.7
48"		–	–	–	–	40.6	40.6	67.7	67.7

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300–09 (3 SEC. GUSTS)

DESIGN LOAD CAPACITY – PSF									
FRAME DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'		GLASS TYPE 'C'		GLASS TYPE 'D'	
WIDTH	HEIGHT	EXT.(+)	1NT.(–)	EXT.(+)	1NT.(–)	EXT.(+)	1NT.(–)	EXT.(+)	1NT.(–)
19–1/8"	26"	80.7	100.0	80.7	100.0	80.7	100.0	80.7	100.0
26–1/2"		80.7	100.0	80.7	100.0	80.7	100.0	80.7	100.0
37"		80.7	100.0	80.7	100.0	80.7	100.0	80.7	100.0
53–1/8"		69.5	69.5	80.7	100.0	80.7	100.0	80.7	100.0
19–1/8"	38–3/8"	80.7	100.0	80.7	100.0	80.7	100.0	80.7	100.0
26–1/2"		80.7	100.0	80.7	100.0	80.7	100.0	80.7	100.0
37"		80.7	100.0	80.7	100.0	80.7	91.1	80.7	100.0
53–1/8"		63.2	63.2	80.2	80.2	80.7	87.8	80.7	100.0
19–1/8"	50–5/8"	80.7	100.0	80.7	100.0	80.7	100.0	80.7	100.0
26–1/2"		80.7	83.4	80.7	100.0	80.7	100.0	80.7	100.0
37"		71.6	71.6	80.7	83.7	80.7	91.1	80.7	100.0
53–1/8"		53.5	53.5	74.2	74.2	74.8	74.8	80.7	95.4
19–1/8"	56"	80.7	100.0	80.7	100.0	80.7	100.0	80.7	100.0
26–1/2"		69.5	69.5	80.7	97.2	80.7	100.0	80.7	100.0
37"		63.2	63.2	79.3	79.3	80.7	91.1	80.7	100.0
53–1/8"		46.7	46.7	70.4	70.4	71.0	71.0	80.7	90.5
19–1/8"	63"	80.7	100.0	80.7	100.0	80.7	100.0	80.7	100.0
26–1/2"		60.5	60.5	80.7	93.9	80.7	100.0	80.7	100.0
37"		55.4	55.4	75.2	75.2	80.7	86.1	80.7	96.7
53–1/8"		–	–	–	–	64.6	64.6	80.7	82.2
19–1/8"	72"	80.7	100.0	80.7	100.0	80.7	100.0	80.7	100.0
26–1/2"		54.7	54.7	80.7	90.9	80.7	100.0	80.7	100.0
37"		49.1	49.1	71.5	71.5	74.0	74.0	80.7	91.9
53–1/8"		–	–	–	–	63.4	63.4	75.4	75.4
19–1/8"	76"	80.7	100.0	80.7	100.0	80.7	100.0	80.7	100.0
26–1/2"		52.0	52.0	80.7	89.8	80.7	100.0	80.7	100.0
37"		45.1	45.1	70.2	70.2	68.3	68.3	80.7	90.3
53–1/8"		–	–	–	–	63.4	63.4	73.1	73.1



Sealed: 5/18/2026 FL #46985



AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100
FAX. (305) 262-6978
COMP-ANL 24-47F-VI

OCEANVIEW VINYL FIXED WDW. (N.I.)

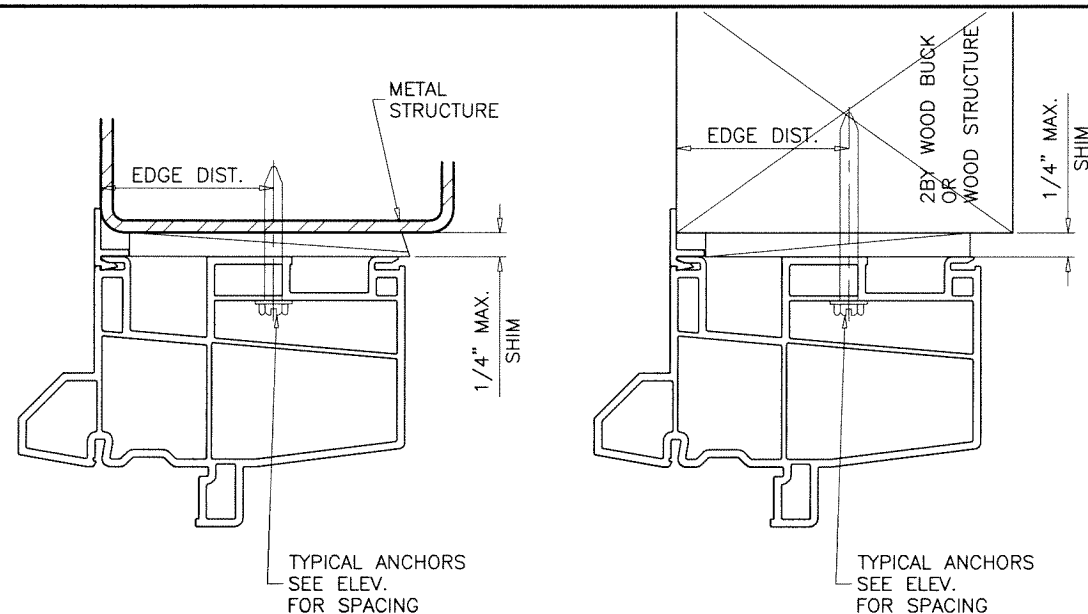
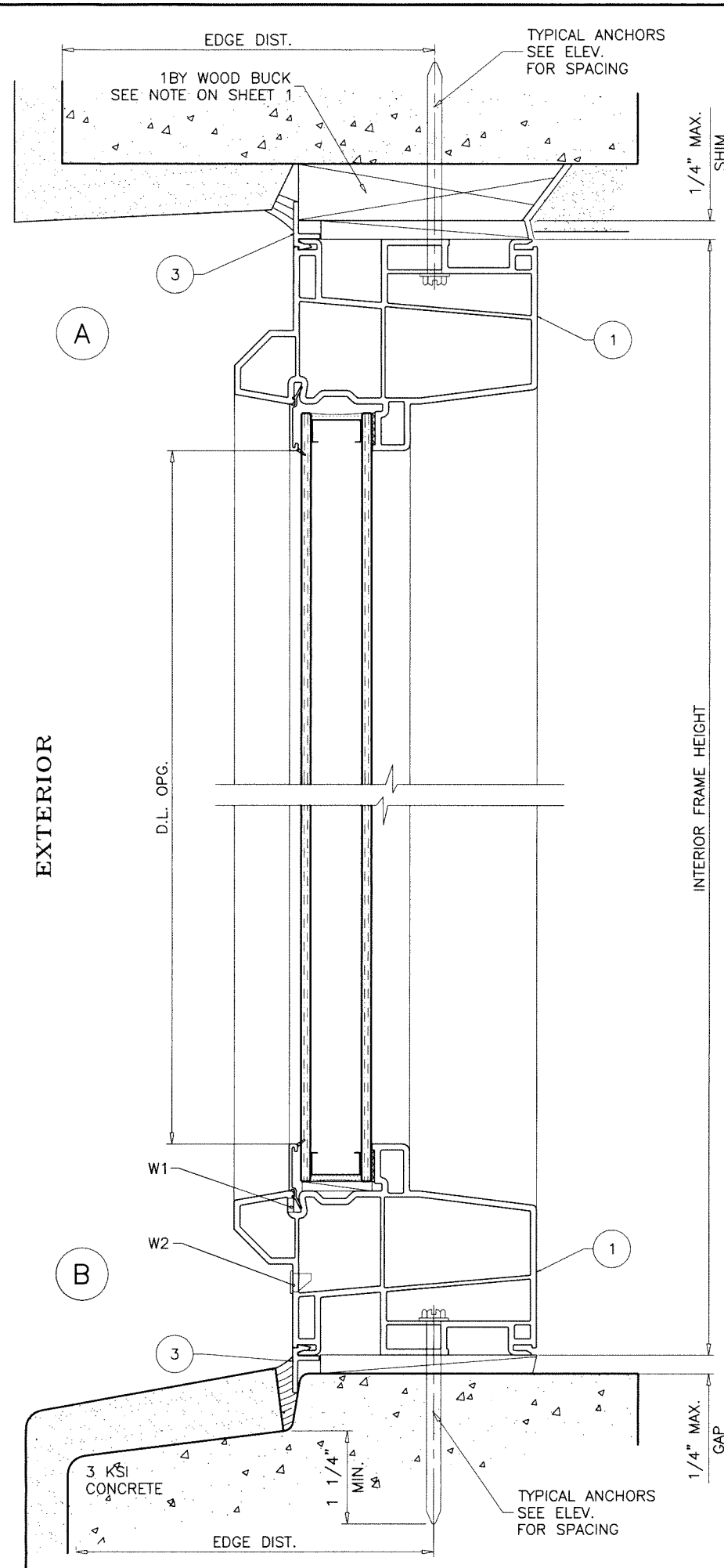
VIVINCO, INC.
851 HEMLOCK ROAD
MORGANTOWN, PA. 19543
PHONE: (610) 286-8884
FAX: (610) 286-8877

revisions:
no date by description

date: 07-31-24
scale: –
dr. by: TARIQ
chk. by:

drawing no.
24-47F
sheet 2 of 8

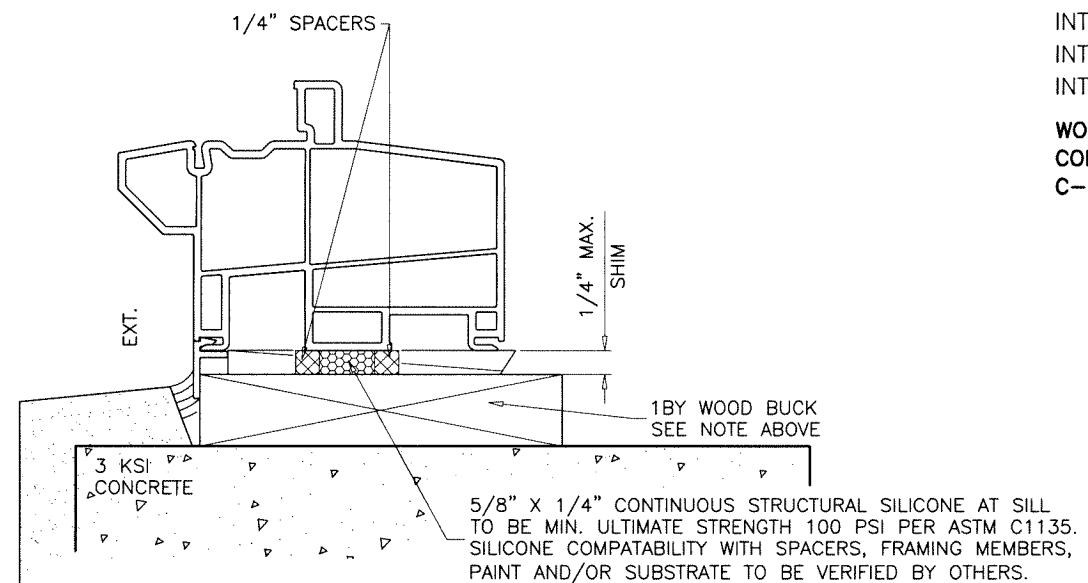
EXTERIOR



WOOD BUCKS AND METAL STRUCTURE NOT BY 'VIWINCO' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

WEEPHOLES:

W1 = 1/8" X 1-1/8" WEEP SLOTS AT 1-1/2" FROM EACH END
W2 = 1/4" X 1-1/4" WEEP SLOTS AT 3-1/2" FROM EACH END



SILL OPTION WITHOUT FRAME ANCHORS

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

#10 WOOD SCREWS (GRADE 2 CRS)
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-3/8" MIN. PENETRATION INTO WOOD (HEAD/SILL/JAMBS)

3/16" 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)

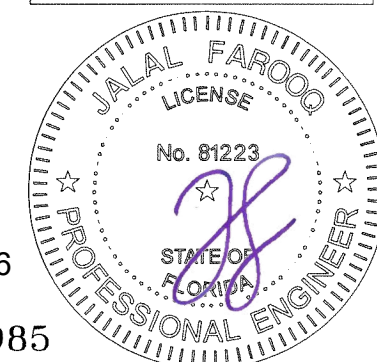
#10 SMS OR SELF DRILLING SCREWS (GRADE 2 CRS)
INTO F.B.C. APPROVED MULLIONS
OR
INTO METAL STRUCTURES (HEAD/SILL/JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL 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.

FLANGE FRAMES



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FL #46985

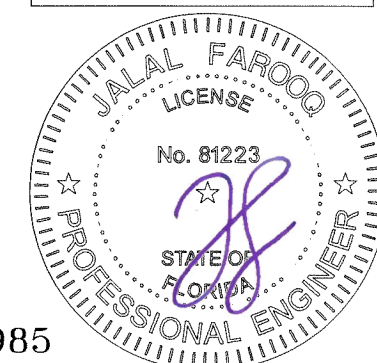
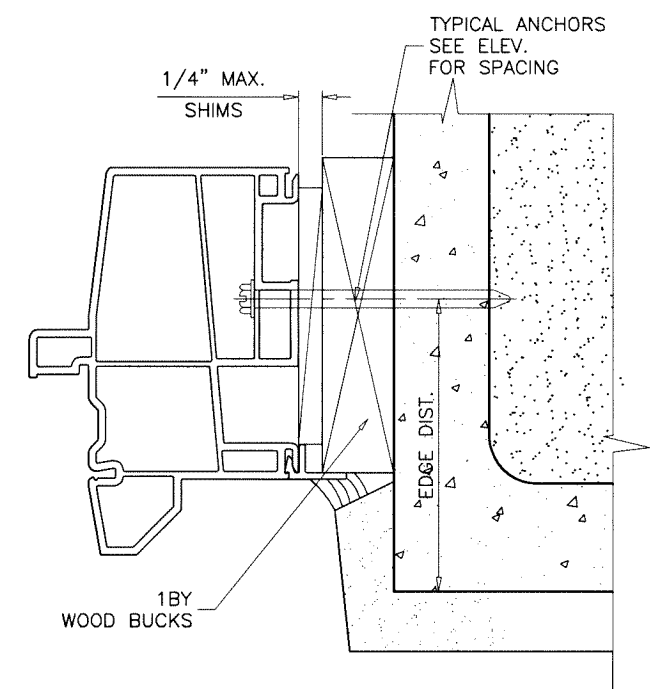
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL/24-47F-VI

OCEANVIEW VINYL FIXED WDW. (N.I.)

VIWINCO, INC.
851 HEMLOCK ROAD
MORGANTOWN, PA. 19543
PHONE: (610) 286-8884 FAX: (610) 286-8877

revisions:	no	date	by	description
date:	07-31-24			
scale:	1/2" = 1"			
dr. by:	TARIQ			
chk. by:				

drawing no.
24-47F
sheet 4 of 8



FL #46985

drawing no.
24-47F

sheet 5 of 8

ILLUSTRATIVE DTLS. ONLY
EXT. OR INT. FINISHES
NOT BY VIWINCO

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

1/2" MIN.
EDGE DIST.
1/4" MAX.
GAP

A2

1A

EXTERIOR

D.L. OPG.

INTERIOR FRAME HEIGHT

B2

1A

TYPICAL ANCHORS
SEE ELEV.
FOR SPACING

1/2" MIN.
EDGE DIST.
1/4" MAX.
GAP

TYPICAL ANCHORS:

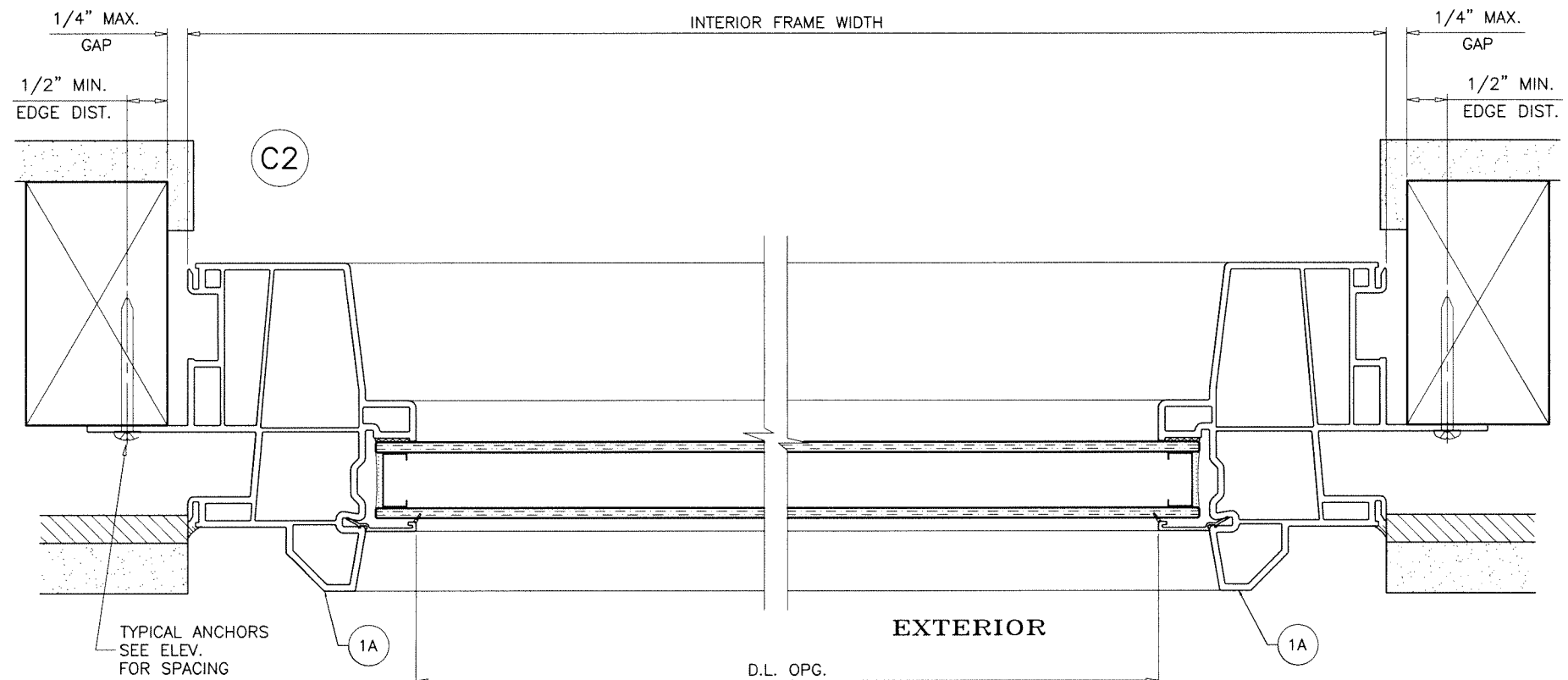
FIN FRAMES: SEE ELEV. FOR SPACING

#8 SMS (GRADE 2 CRS)

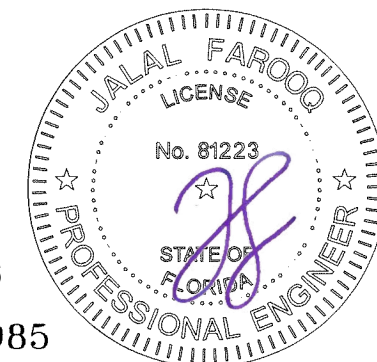
INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

1-1/2" MIN. PENETRATION INTO WOOD

1/2" MIN. EDGE DISTANCE



FIN FRAMES



Sealed: 5/18/2026

FL #46985

a f c

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)

COMP-ANL\24-47F-VI

OCEANVIEW VINYL FIXED WDW. (N.I.)

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MORGANTOWN, PA. 19543
PHONE: (610) 286-8884 FAX: (610) 286-8877

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chk. by:

drawing no.

24-47F

sheet 7 of 8

