

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT.
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET
THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

OCEANVIEW
VINYL FIXED WINDOWS (L.M.I.)

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER
CHARTS SHOWN ON SHEET 1.1.

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)/2026 (9TH 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 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.

INSUL. LAM. GLASS
LARGE MISSILE IMPACT

Sealed: 9/25/2026

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.



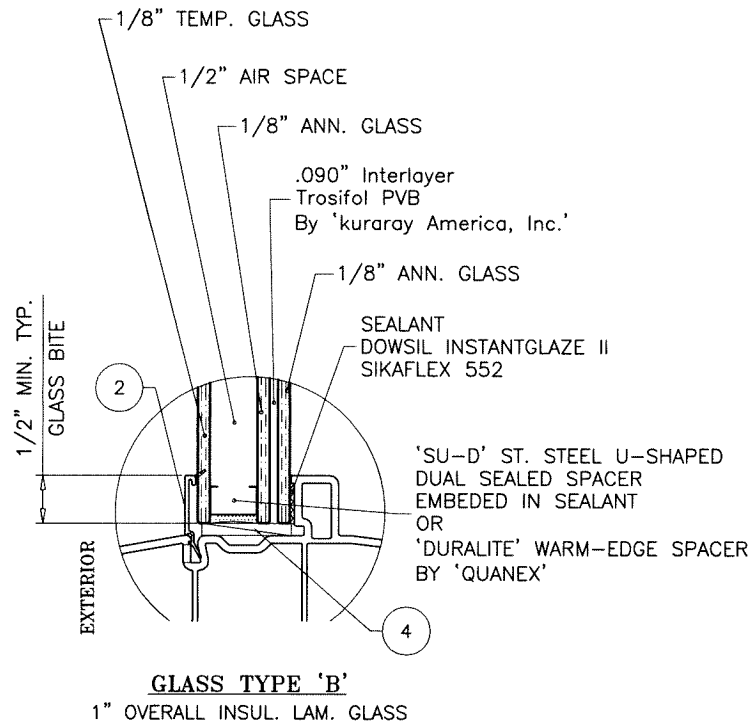
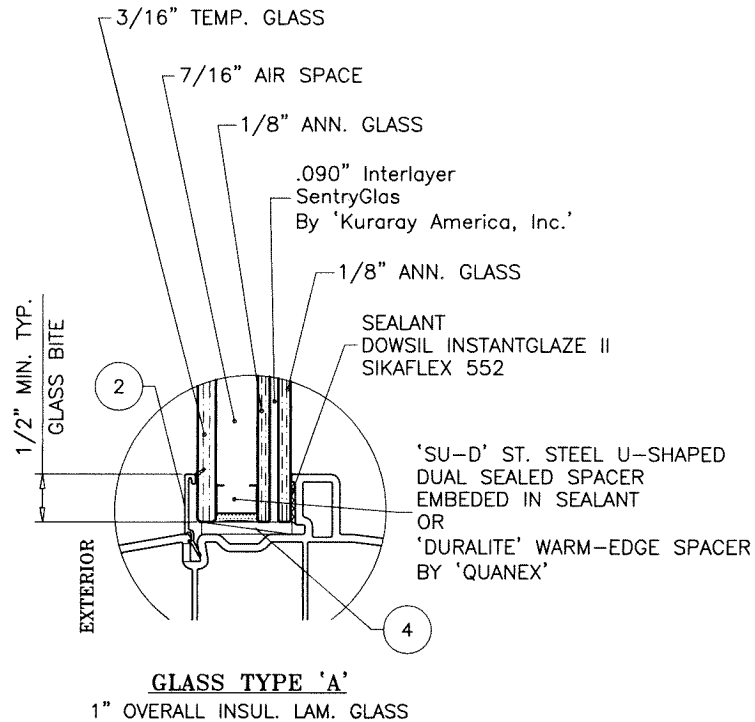
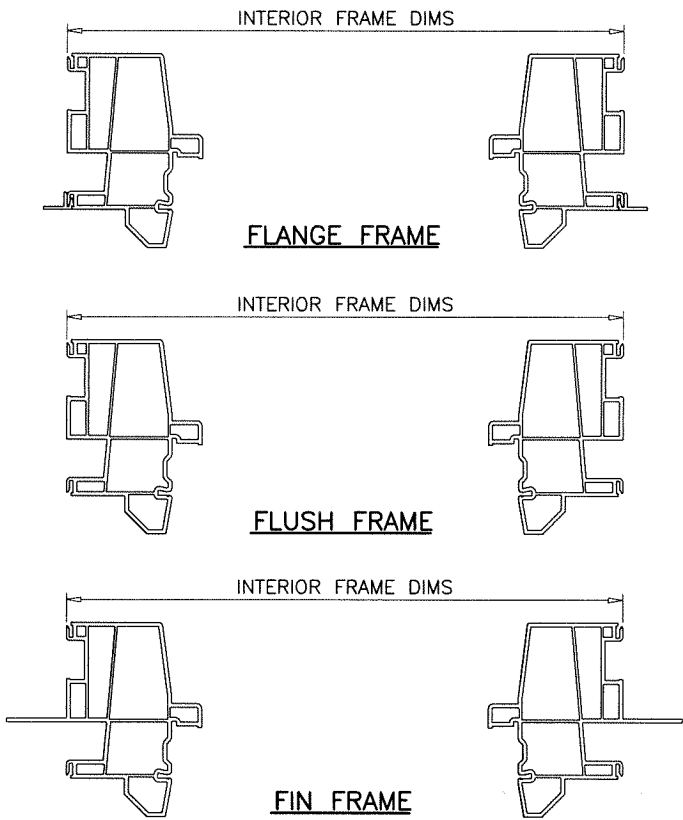
OCEANVIEW VINYL FIXED WDW. (L.M.I.)
VWINCO, INC.
851 HEMLOCK ROAD
MORGANTOWN, PA. 19543
PHONE: (610) 286-8884 FAX: (610) 286-8877

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\24-46F-VI

revisions:	no	date	by	description
	A	07.07.25		GLASS TYPE B ADDED
	B	09.23.26		UPDATED TO 2026 FBC
date:	07-31-24			
scale:	1/2" = 1"			
dr. by:	TARIQ			
chk. by:				
drawing no.	24-46F			
sheet	1 of 7			

DESIGN LOAD CAPACITY - PSF					
FRAME DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
36"	48"	70.0	70.0	50.1	50.1
42"		70.0	70.0	50.1	50.1
48"		70.0	70.0	43.8	43.8
54"		70.0	70.0	43.8	43.8
56"		70.0	70.0	43.8	43.8
60"		70.0	70.0	43.8	43.8
66"		70.0	70.0	-	-
72"		67.7	67.7	-	-
36"	56"	70.0	70.0	50.1	50.1
42"		70.0	70.0	50.1	50.1
48"		70.0	70.0	43.8	43.8
54"		70.0	70.0	39.0	39.0
56"		70.0	70.0	-	-
60"		70.0	70.0	-	-
66"		67.2	67.2	-	-
72"		63.3	63.3	-	-
36"	60"	70.0	70.0	50.1	50.1
42"		70.0	70.0	50.1	50.1
48"		70.0	70.0	43.8	43.8
54"		70.0	70.0	-	-
56"		70.0	70.0	-	-
60"		70.0	70.0	-	-
66"		66.2	66.2	-	-
72"		61.9	61.9	-	-
36"	72"	70.0	70.0	50.1	50.1
42"		70.0	70.0	50.1	50.1
48"		67.7	67.7	-	-
54"		64.2	64.2	-	-
56"		63.3	63.3	-	-
60"		61.9	61.9	-	-
66"		60.6	60.6	-	-
72"		60.2	60.2	-	-
36"	84"	70.0	70.0	50.1	50.1
42"		68.7	68.7	-	-
48"		63.2	63.2	-	-
54"		59.1	59.1	-	-
56"		58.0	58.0	-	-
60"		56.1	56.1	-	-
36"	96"	70.0	70.0	-	-
42"		66.0	66.0	-	-
48"		60.2	60.2	-	-
54"		55.8	55.8	-	-
36"	108"	70.0	70.0	-	-
42"		64.0	64.0	-	-
48"		58.0	58.0	-	-

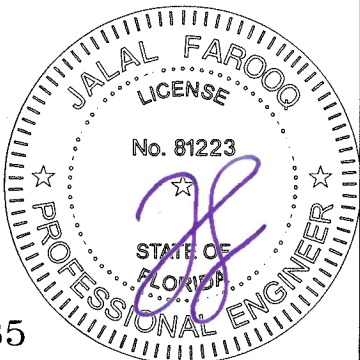
DESIGN LOAD CAPACITY - PSF					
FRAME DIMS.		GLASS TYPE 'A'		GLASS TYPE 'B'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	70.0	70.0	50.1	50.1
26-1/2"		70.0	70.0	50.1	50.1
37"		70.0	70.0	50.1	50.1
53-1/8"		70.0	70.0	50.1	50.1
19-1/8"	38-3/8"	70.0	70.0	50.1	50.1
26-1/2"		70.0	70.0	50.1	50.1
37"		70.0	70.0	50.1	50.1
53-1/8"		70.0	70.0	50.1	50.1
19-1/8"	50-5/8"	70.0	70.0	50.1	50.1
26-1/2"		70.0	70.0	50.1	50.1
37"		70.0	70.0	50.1	50.1
53-1/8"		70.0	70.0	41.6	41.6
19-1/8"	56"	70.0	70.0	50.1	50.1
26-1/2"		70.0	70.0	50.1	50.1
37"		70.0	70.0	50.1	50.1
53-1/8"		70.0	70.0	39.6	39.6
19-1/8"	63"	70.0	70.0	50.1	50.1
26-1/2"		70.0	70.0	50.1	50.1
37"		70.0	70.0	50.1	50.1
53-1/8"		70.0	70.0	-	-
19-1/8"	72"	70.0	70.0	50.1	50.1
26-1/2"		70.0	70.0	50.1	50.1
37"		70.0	70.0	50.1	50.1
53-1/8"		64.6	64.6	-	-
19-1/8"	76"	70.0	70.0	50.1	50.1
26-1/2"		70.0	70.0	50.1	50.1
37"		70.0	70.0	50.1	50.1
53-1/8"		62.7	62.7	-	-



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

GLAZING OPTIONS

FL #46985



AL-FAROOQ CORPORATION
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COMP-ANL 24-46F-VI

OCEANVIEW VINYL FIXED WDW. (L.M.I.)

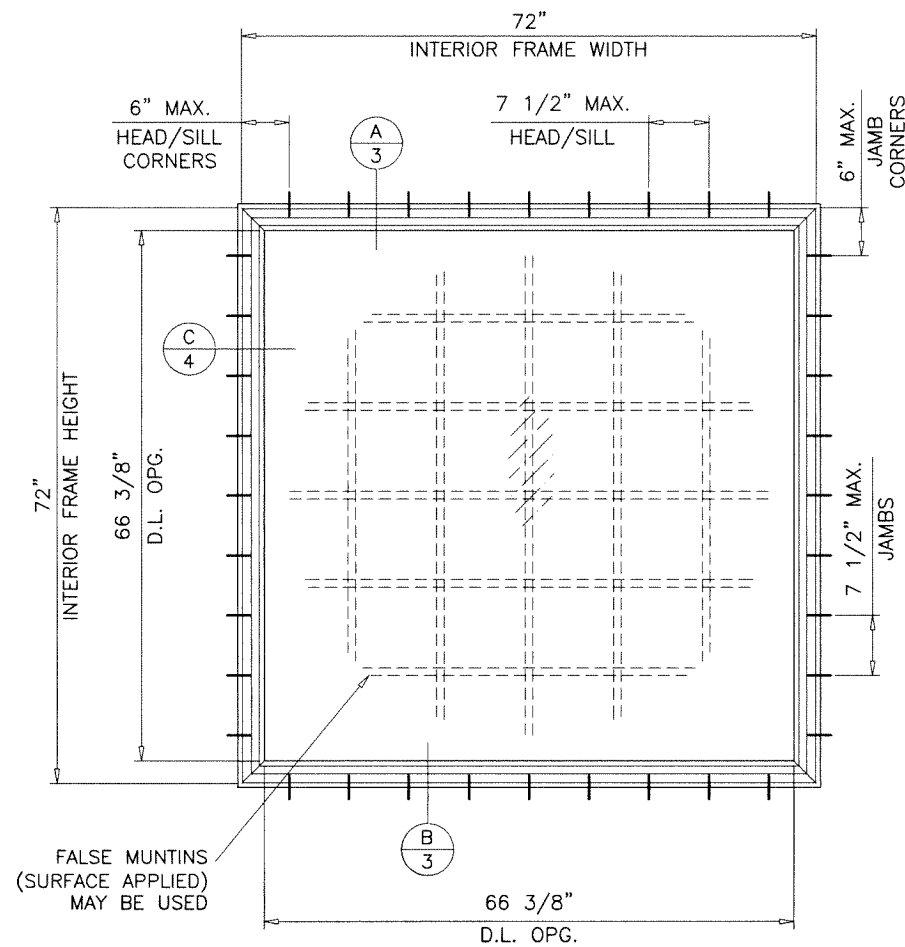
VIVINCO, INC.
851 HEMLOCK ROAD
MORGANTOWN, PA. 19543
PHONE: (610) 286-8884 FAX: (610) 286-8877

revisions:

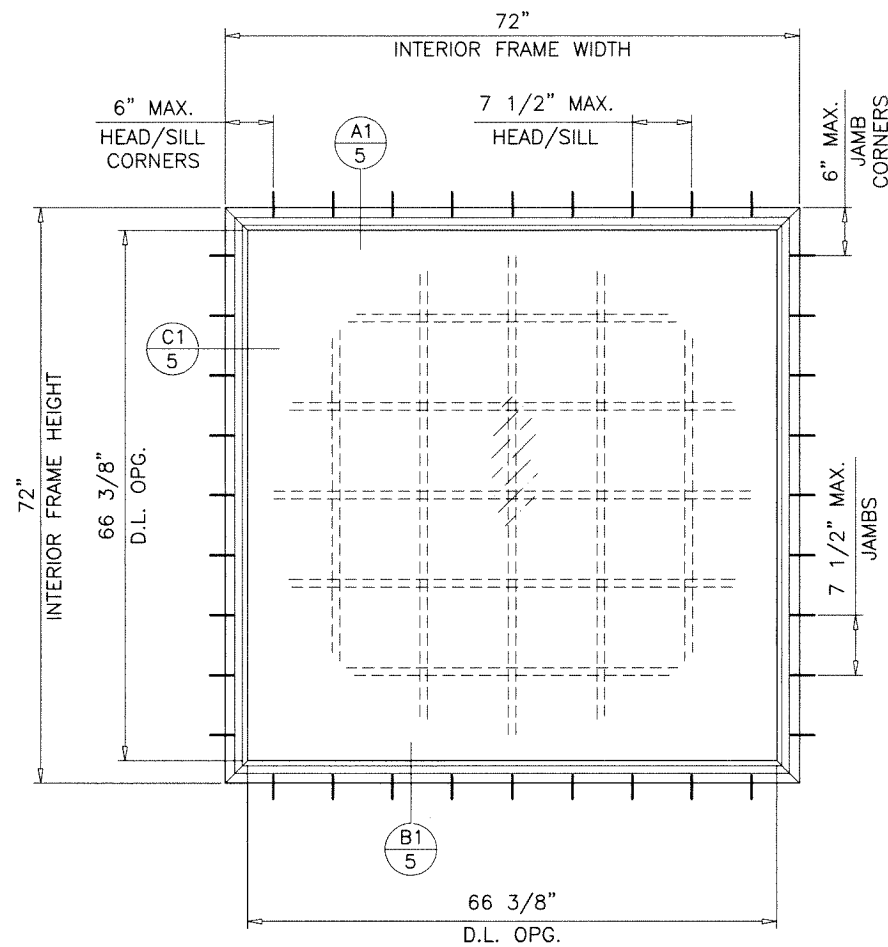
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dr. by: TARIQ
chk. by:

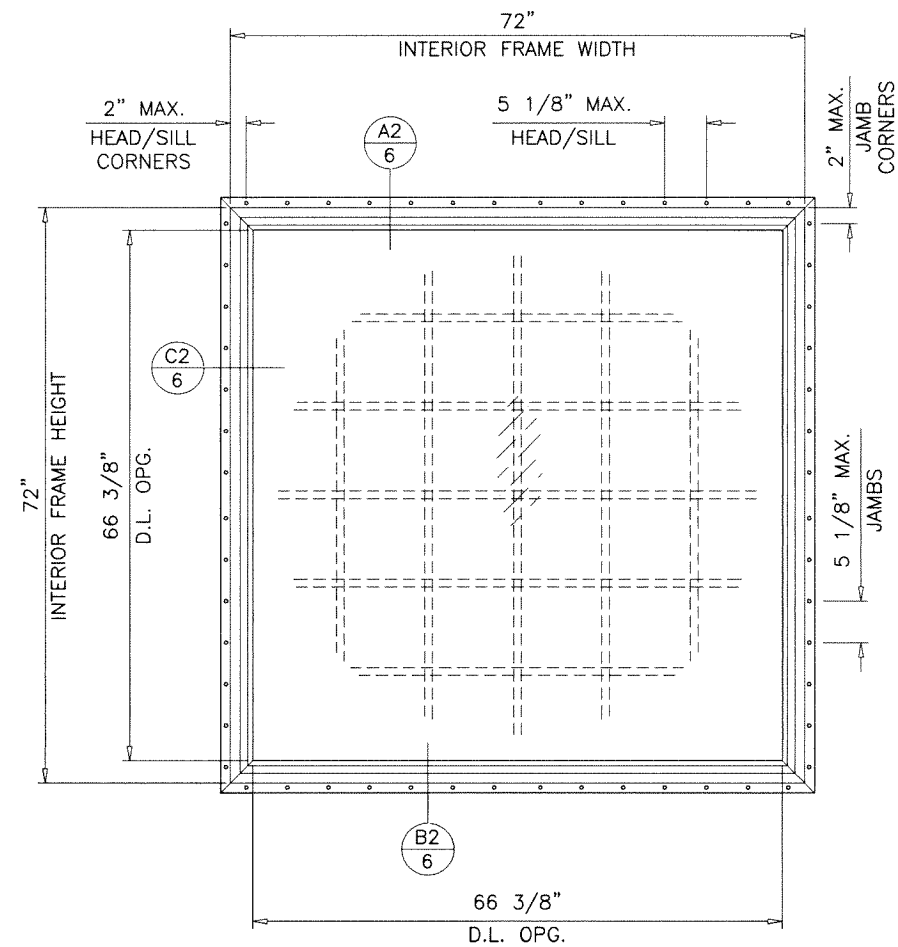
drawing no.
24-46F
sheet 1.1 of 7



FLANGE FRAMES



FLUSH FRAMES



FIN FRAMES

TYPICAL ELEVATIONS

DAYLITE OPENINGS:

DLO WIDTH = INTERIOR FRAME WIDTH - 5.625
DLO HEIGHT = INTERIOR FRAME HEIGHT - 5.625

Sealed: 9/25/2026



FL #46985

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revisions:
no date by description

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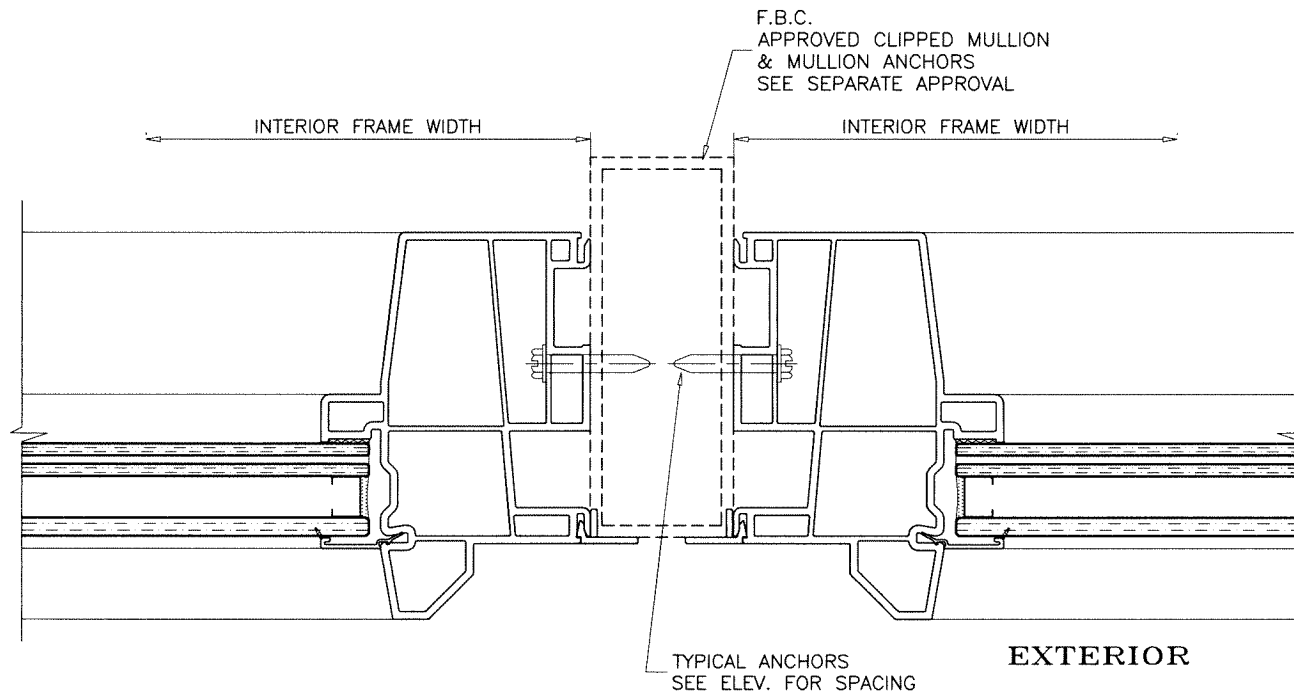
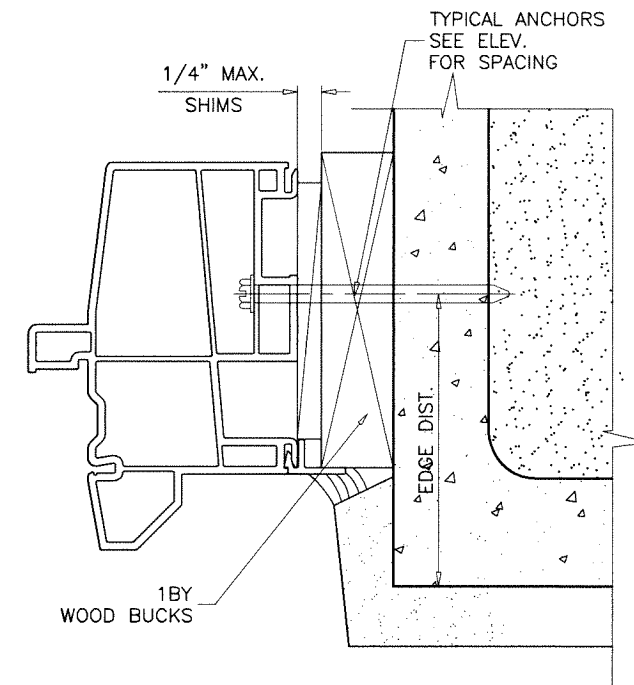
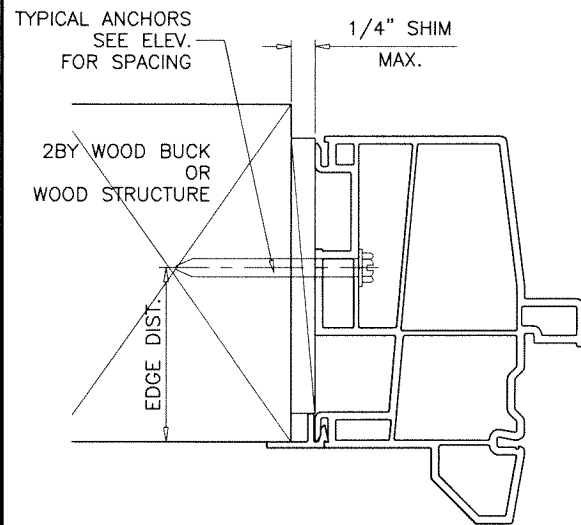
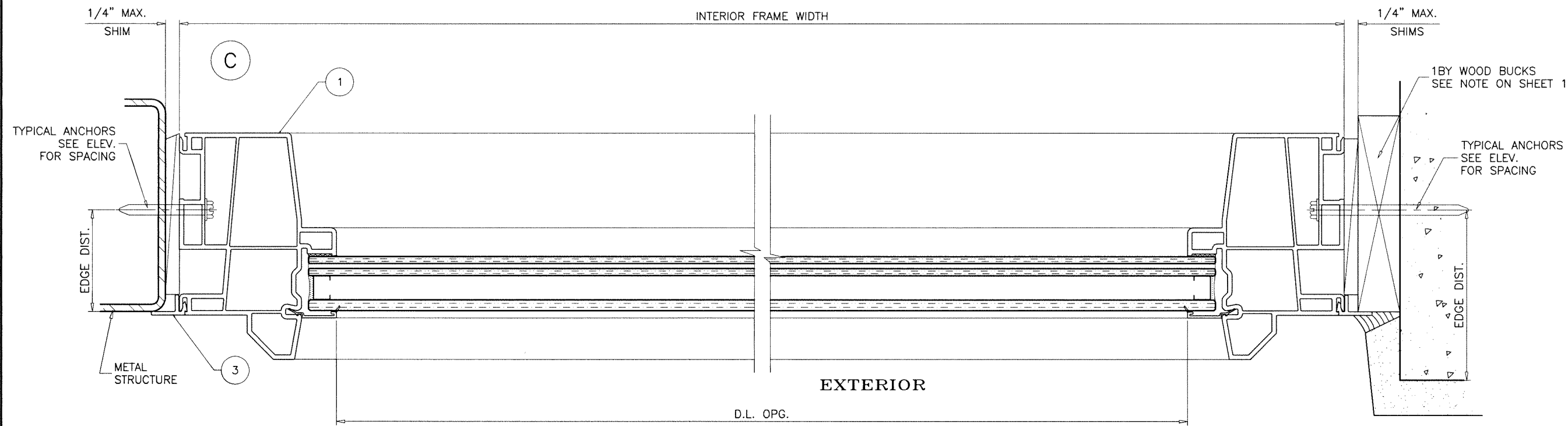
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chk. by:

drawing no.

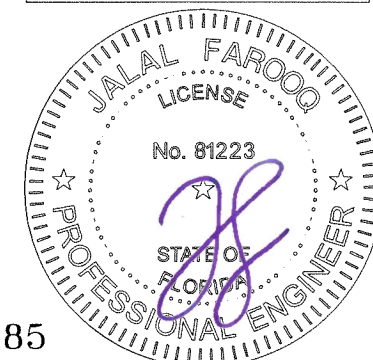
24-46F

sheet 2 of 7



Sealed: 9/25/2026

FLANGE FRAMES



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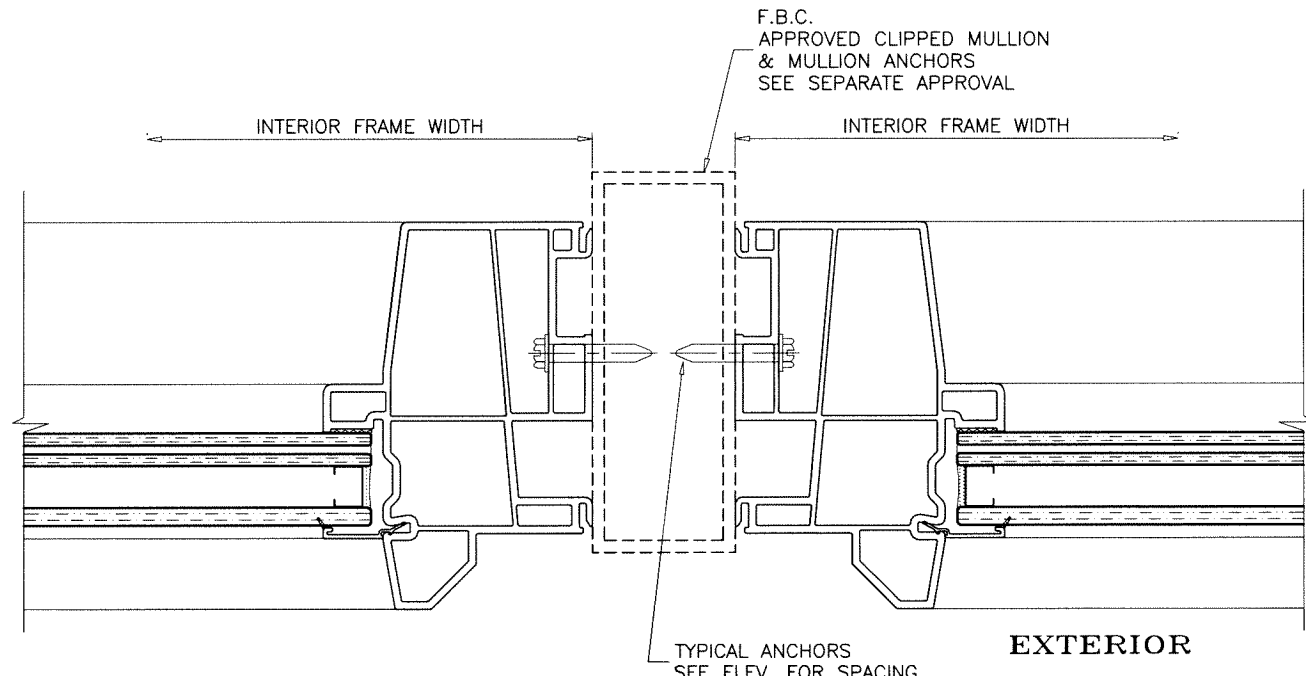
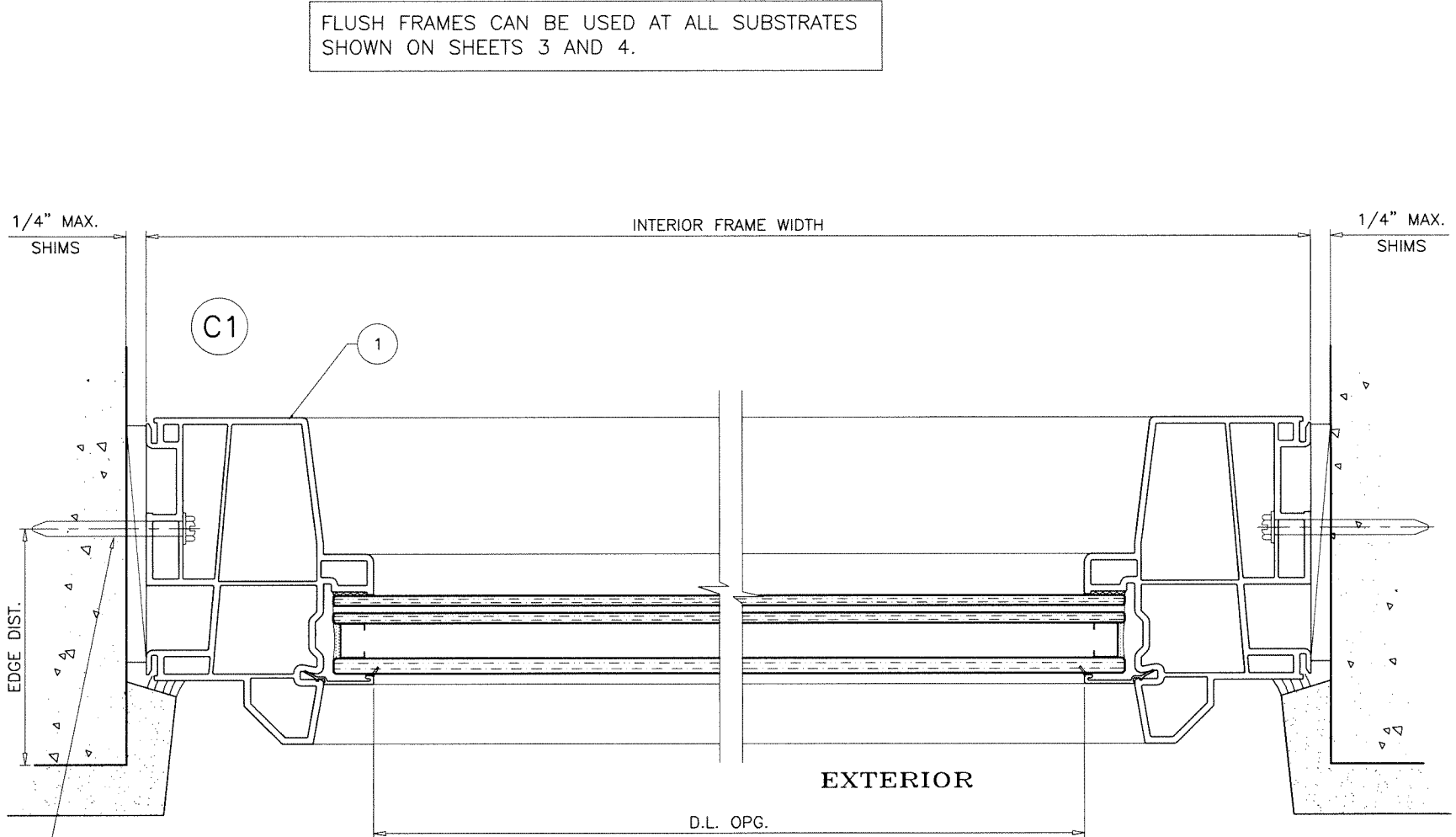
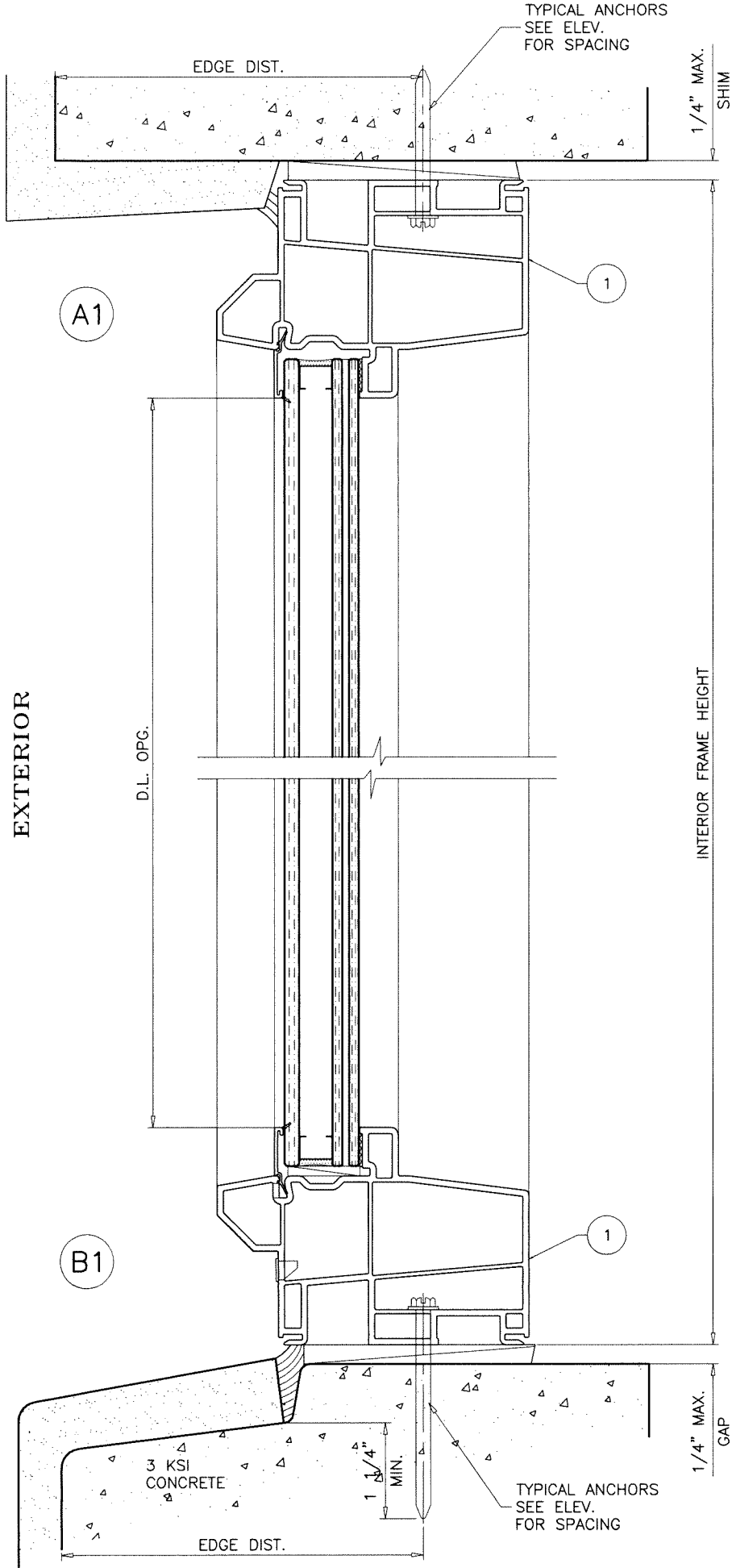
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revisions:	
no	by description

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dr. by: TARIQ
chk. by:

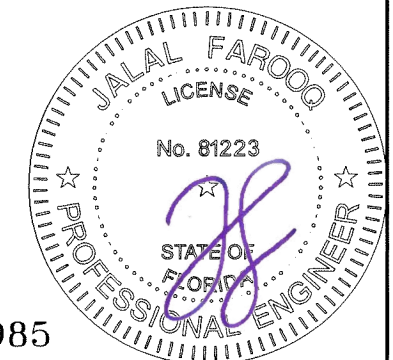
drawing no.
24-46F
sheet 4 of 7



FLUSH FRAMES CAN BE USED AT ALL SUBSTRATES SHOWN ON SHEETS 3 AND 4.

Sealed: 9/25/2026

FLUSH FRAMES



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a f c
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revisions:

no	date	by	description

date: 07-31-24 scale: 1/2" = 1" dr. by: TARIQ chg. by:

drawing no. **24-46F**

sheet 5 of 7

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:

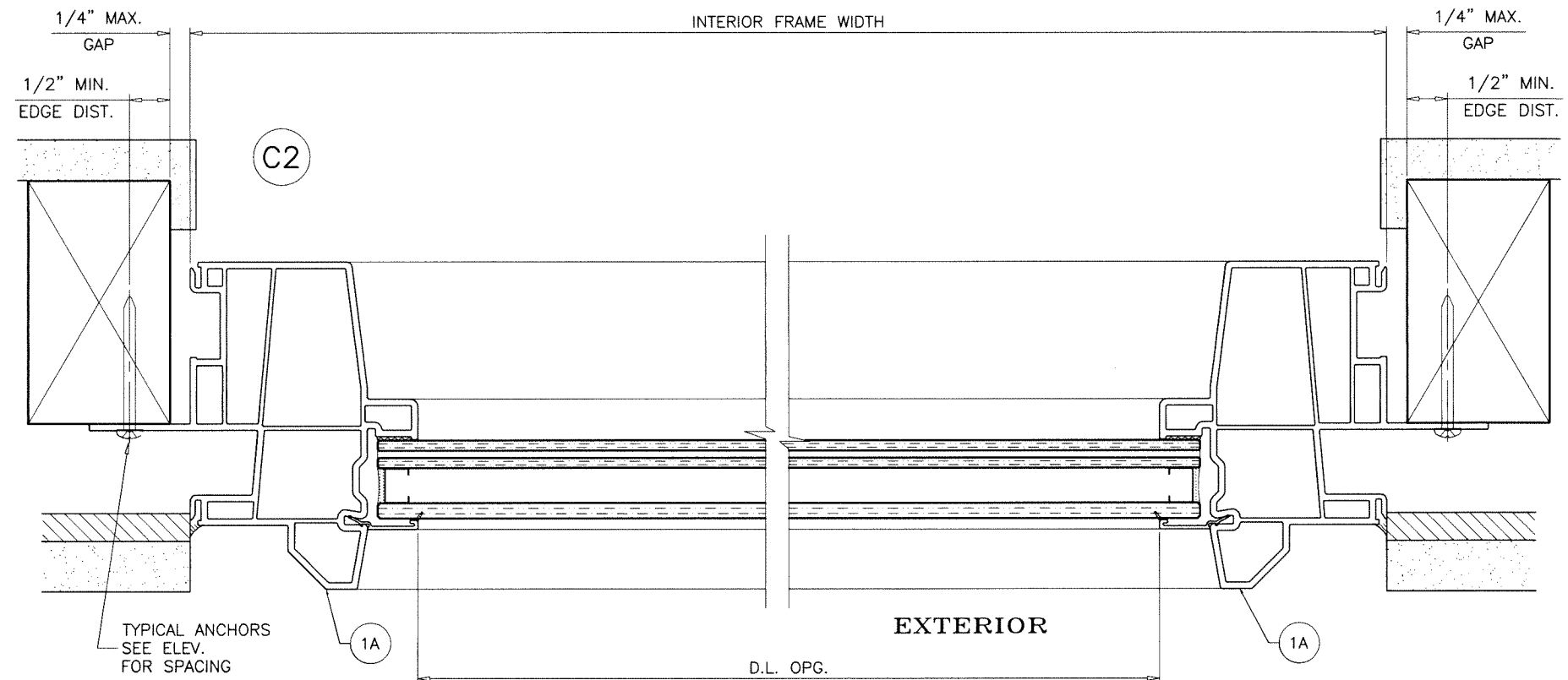
FIN FRAMES: SEE ELEV. FOR SPACING

#8 SMS (GRADE 2 CRS)

INTO 2BY WOOD BUCKS OR WOOD STRUCTURES

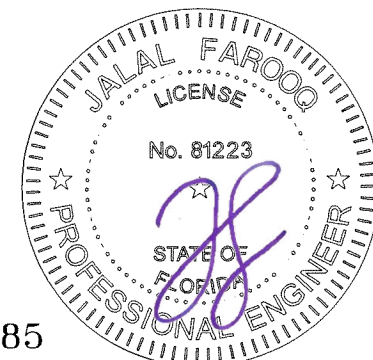
1-1/2" MIN. PENETRATION INTO WOOD

1/2" MIN. EDGE DISTANCE



Sealed: 9/25/2026

FIN FRAMES



FL #46985

a f c

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revisions:
no date by description

date: 07-31-24
scale: 1/2" = 1"

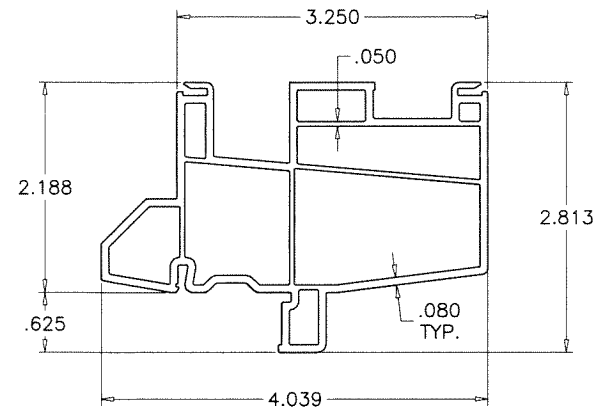
dr. by: TARIQ

chk. by:

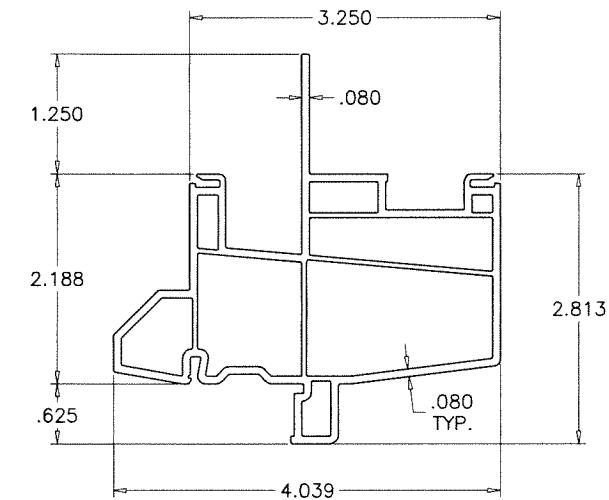
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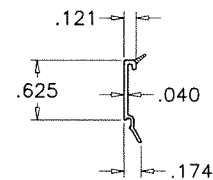
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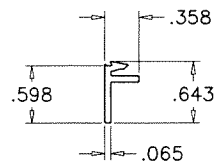
① FRAME HEAD/SILL/JAMB (FLANGE/FLUSH)



①A FRAME HEAD/SILL/JAMB (FIN)



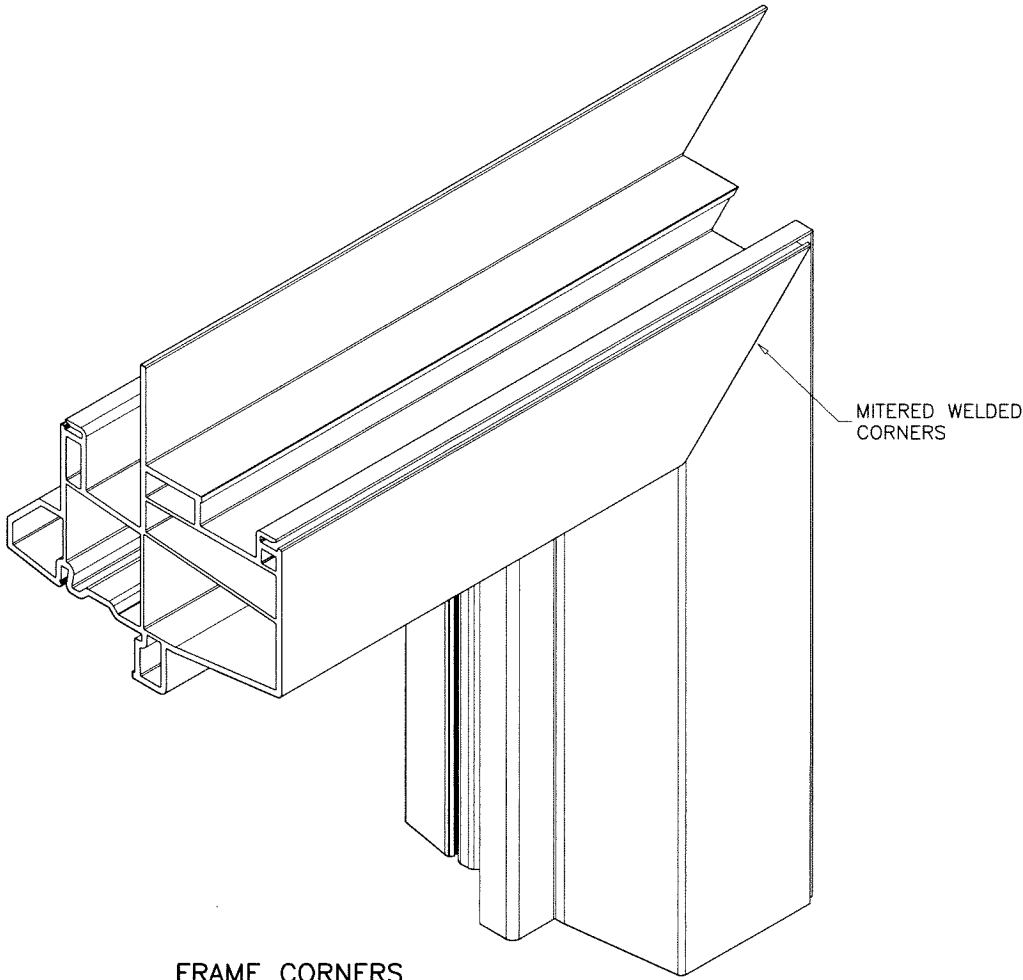
② GLAZING BEAD



③ FLANGE ADAPTER

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	8937	4	FRAME HEAD/SILL/JAMB (FLANGE/FLUSH)	RIGID PVC	DECEUNINCK
1A	8937	4	FRAME HEAD/SILL/JAMB (FIN)	RIGID PVC	DECEUNINCK
2	5144	AS REQD.	GLAZING BEAD	RIGID PVC	DECEUNINCK
3	8346	AS REQD.	FLANGE ADAPTER	RIGID PVC	DECEUNINCK
4	7240T	2/ LITE	SETTING BLOCK (1/8" X 15/16")	EPDM	TB PHILLY
5	8831	2	WEEP HOLE COVER	PVC	-

WHITE PVC EXTRUSIONS TO BE LABELED WITH AAMA EXTRUDER CODE, EXTRUDER NAME, CITY AND STATE.



FRAME CORNERS

Sealed: 9/25/2026



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revisions:	
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scale: 1/2" = 1"

dr. by: TARIQ

chk. by:

drawing no.

24-46F

sheet 7 of 7

COMP-ANL\24-46F-VI