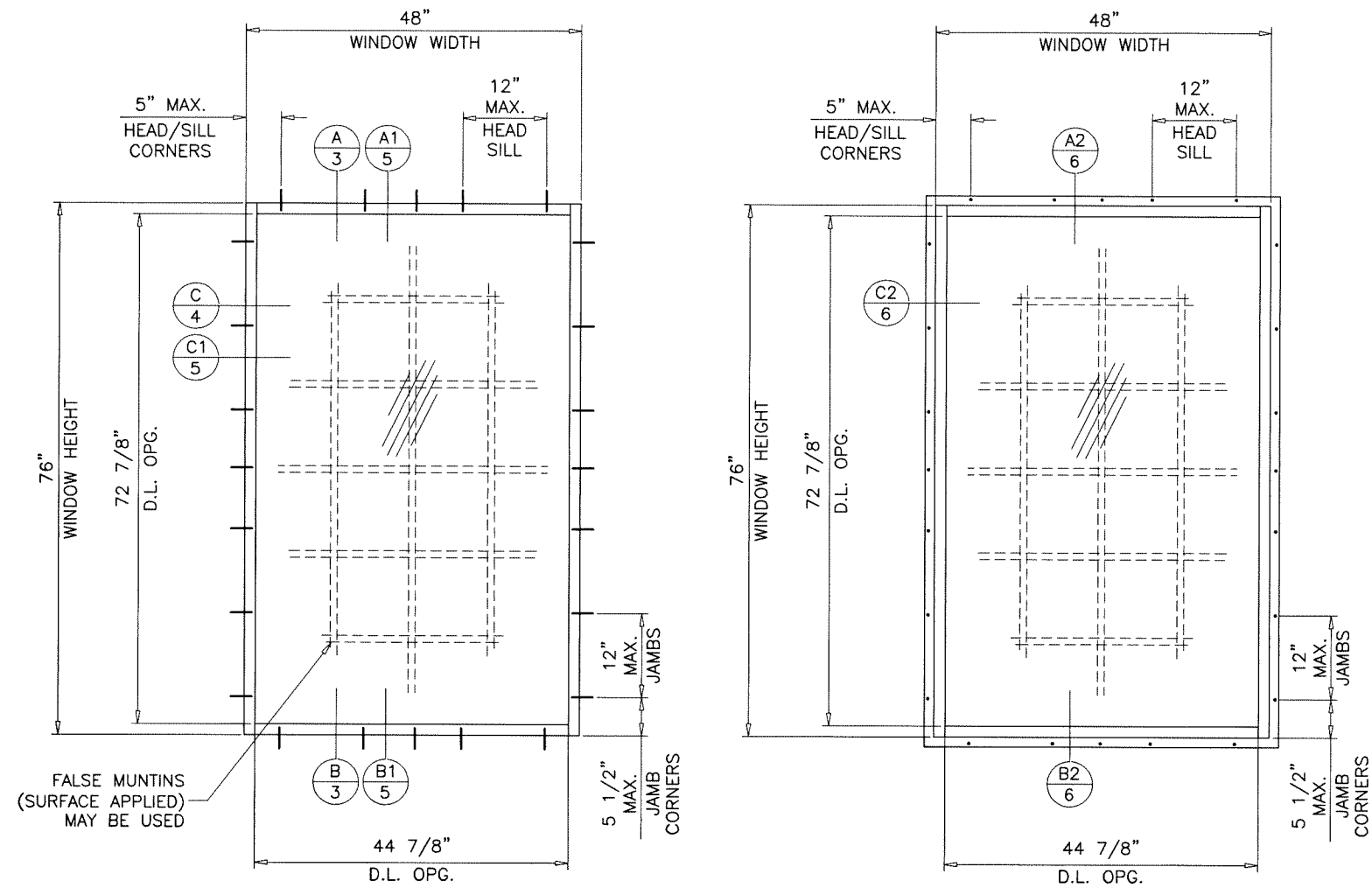




TYPICAL ELEVATIONS
(TESTED UNITS)

INTER-300 ALUMINUM FIXED WINDOW

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)/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: 7/8/2026

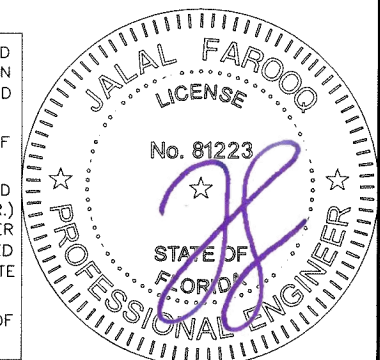
FL #47199

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.



INTER-300 ALUMINUM FIXED WDW. (L.M.I.)

Alucorp S.A. De C.V.
Calle 2 Tablaje 17439 Int C X 21y
25 Chichi Suarez, Merida
Yucatan, Mexico
Tel. (-) Fax. (-)

revisions:	no.	date	by	description
	A	03.01.25		MULLION ADDED
	B	07.07.26		UPDATED TO 2026 FBC

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dr. by: TARIQ
chk. by:

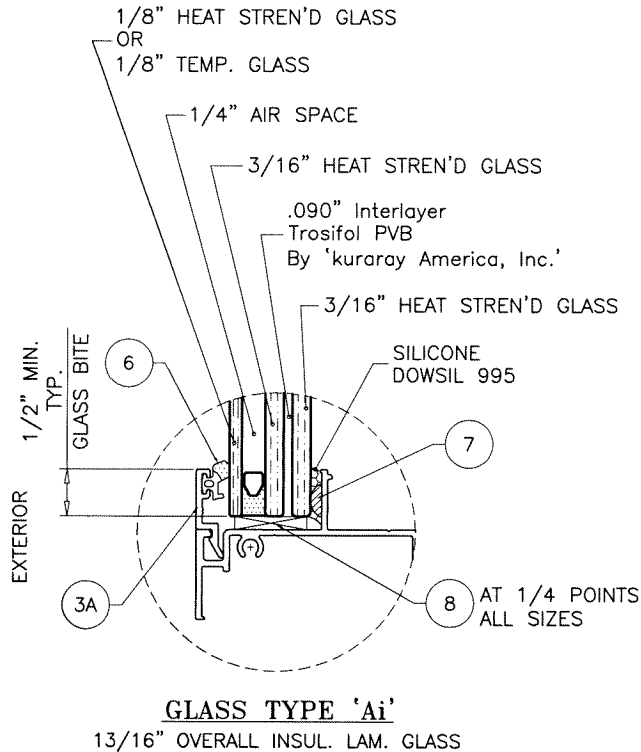
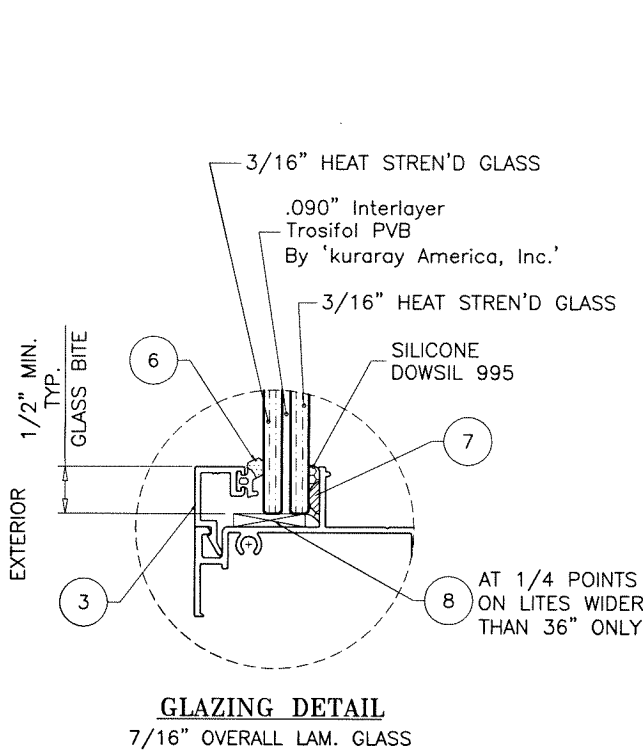
drawing no.
24-87F

sheet 1 of 8

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\24-87F-ALU

DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPES 'A' & 'Ai'	
WIDTH	HEIGHT	EXT.(+)	INT.(-)
19-1/8"	26"	70.0	80.0
26-1/2"		70.0	80.0
37"		70.0	80.0
53-1/8"		70.0	80.0
19-1/8"	38-3/8"	70.0	80.0
26-1/2"		70.0	80.0
37"		70.0	80.0
53-1/8"		70.0	80.0
19-1/8"	50-5/8"	70.0	80.0
26-1/2"		70.0	80.0
37"		70.0	80.0
53-1/8"		66.4	75.9
19-1/8"	56"	70.0	80.0
26-1/2"		70.0	80.0
37"		70.0	80.0
53-1/8"		63.2	72.3
19-1/8"	63"	70.0	80.0
26-1/2"		70.0	80.0
37"		70.0	80.0
53-1/8"		63.2	72.3
19-1/8"	76"	70.0	80.0
26-1/2"		70.0	80.0
37"		70.0	80.0

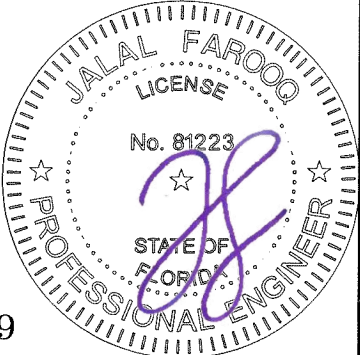
DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPES 'A' & 'Ai'	
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30"		70.0	80.0
32"		70.0	80.0
36"		70.0	80.0
42"		70.0	80.0
48"		70.0	80.0
54"		70.0	80.0
24"	60"	70.0	80.0
30"		70.0	80.0
32"		70.0	80.0
36"		70.0	80.0
42"		70.0	80.0
48"		70.0	80.0
54"		62.2	71.1
24"	72"	70.0	80.0
30"		70.0	80.0
32"		70.0	80.0
36"		70.0	80.0
42"		70.0	80.0
48"		70.0	80.0
24"	76"	70.0	80.0
30"		70.0	80.0
32"		70.0	80.0
36"		70.0	80.0
42"		70.0	80.0
48"		70.0	80.0
24"	84"	70.0	80.0
30"		70.0	80.0
32"		70.0	80.0
36"		70.0	80.0
24"	96"	70.0	80.0
30"		70.0	80.0
32"		70.0	80.0
36"		70.0	80.0



GLAZING OPTIONS

NOTE:
EXTERIOR PLY OF GLASS TYPE 'Ai' TO BE TEMPERED
TO QUALIFY FOR SMALL MISSILE IMPACT RATING.

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



Sealed: 7/8/2026

FL #47199

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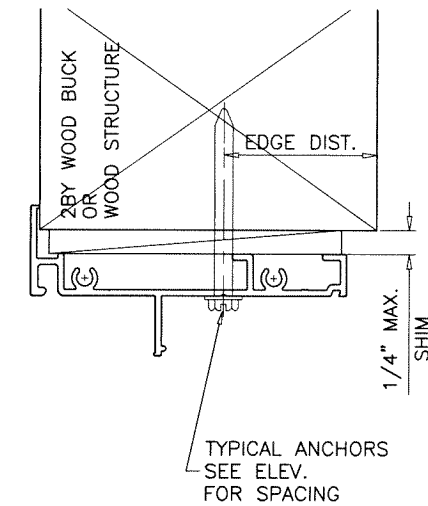
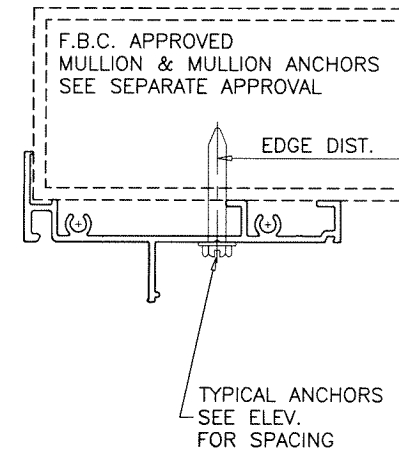
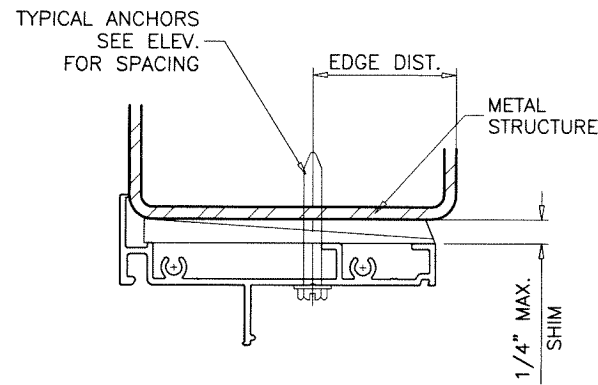
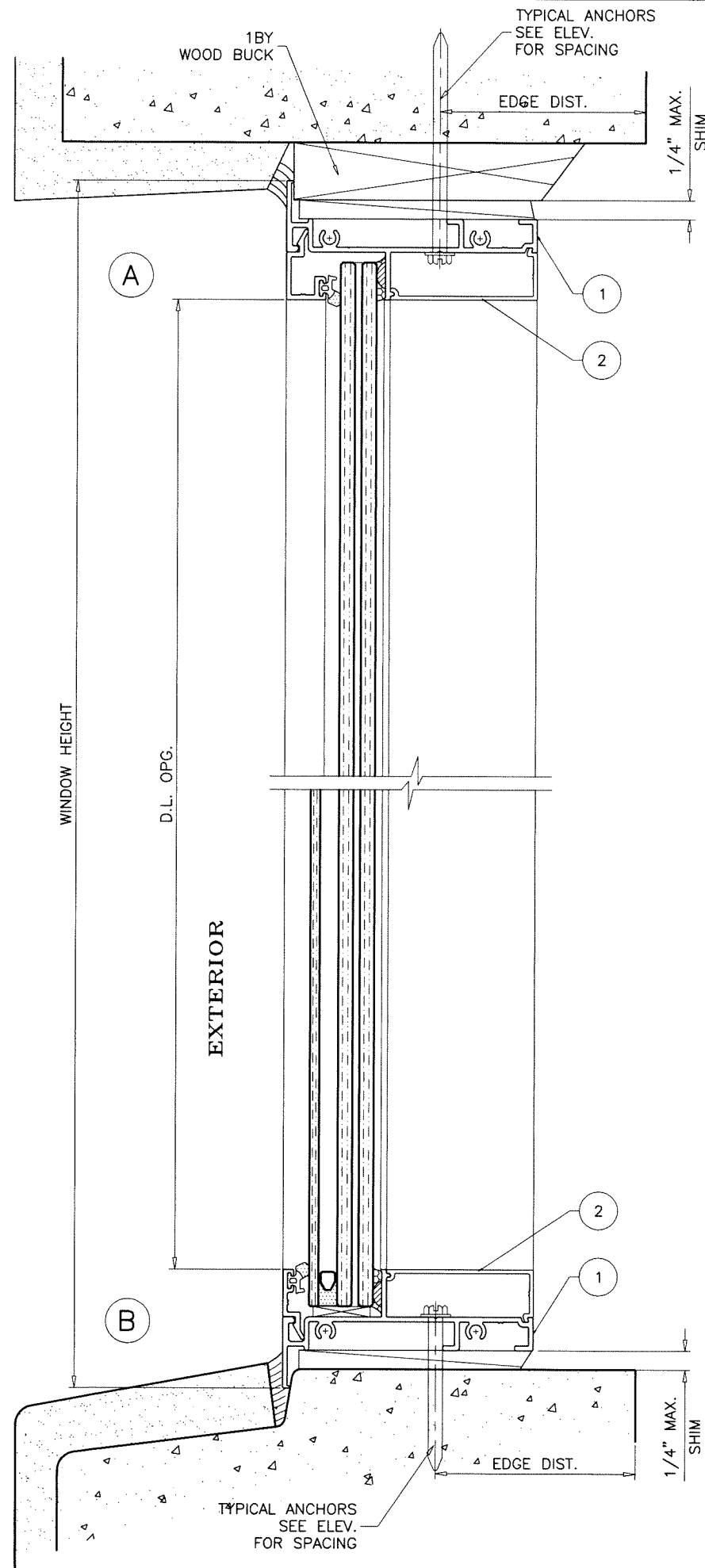
INTER-300 ALUMINUM FIXED WDW. (L.M.I.)

Alucorp S.A. De C.V.
Calle 2 Tablaje 17439 Int C X 21y
25 Chichi Suarez, Merida
Yucatan, Mexico
Tel. (-) Fax. (-)

revisions:
no date by description

date: 11-29-24
scale: 1/2" = 1"
dr. by: TARIQ
chk. by:

drawing no.
24-87F
sheet 2 of 8



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

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)

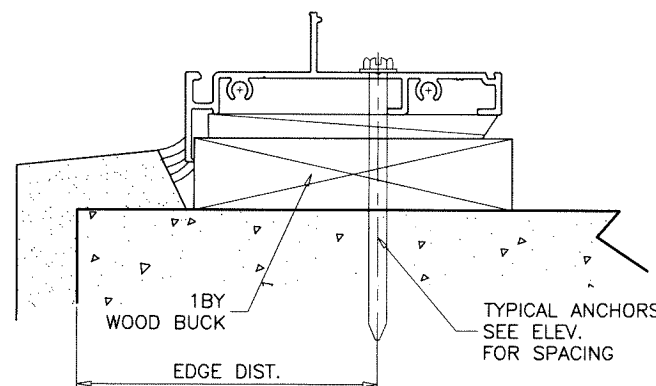
DIRECTLY INTO CONCRETE OR BLOCKS
1-1/4" MIN. EMBED INTO CONCRETE (HEAD/SILL/JAMBS)
1-1/4" MIN. EMBED INTO BLOCKS (JAMBS)

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)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND BLOCKS = 2-1/2" 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.



Sealed: 7/8/2026

FL #47199



INTER-300 ALUMINUM FIXED WDW. (L.M.I.)

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Yucatan, Mexico
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revisions:
no date by description

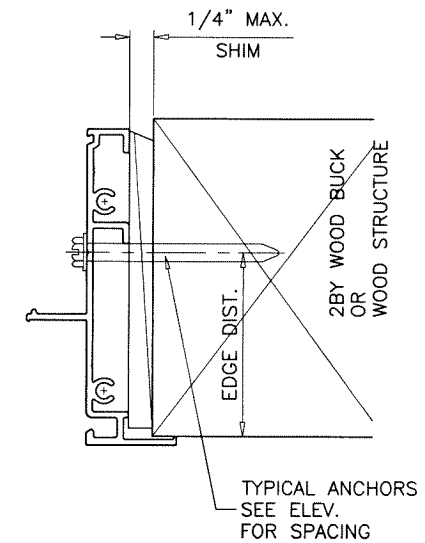
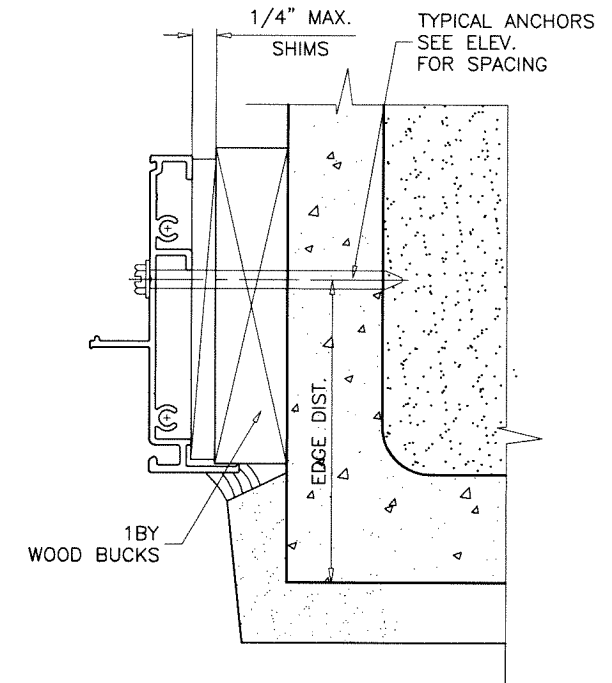
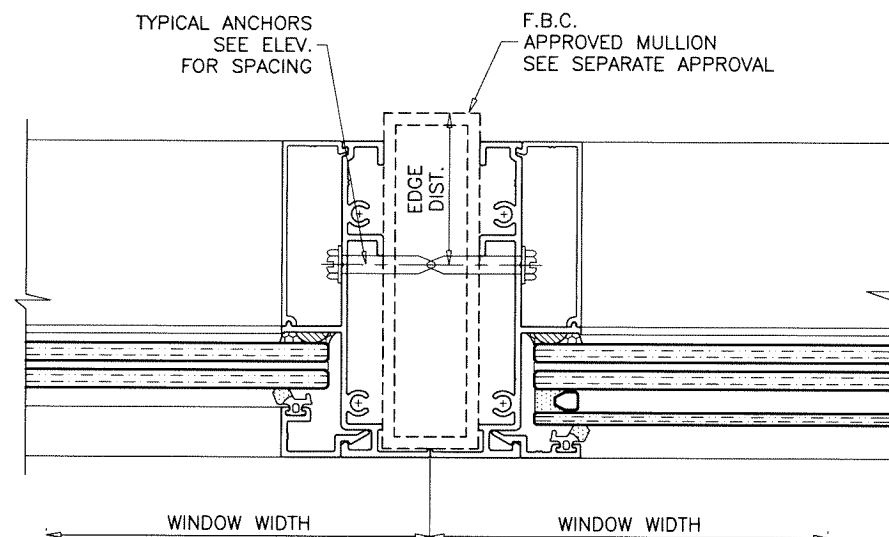
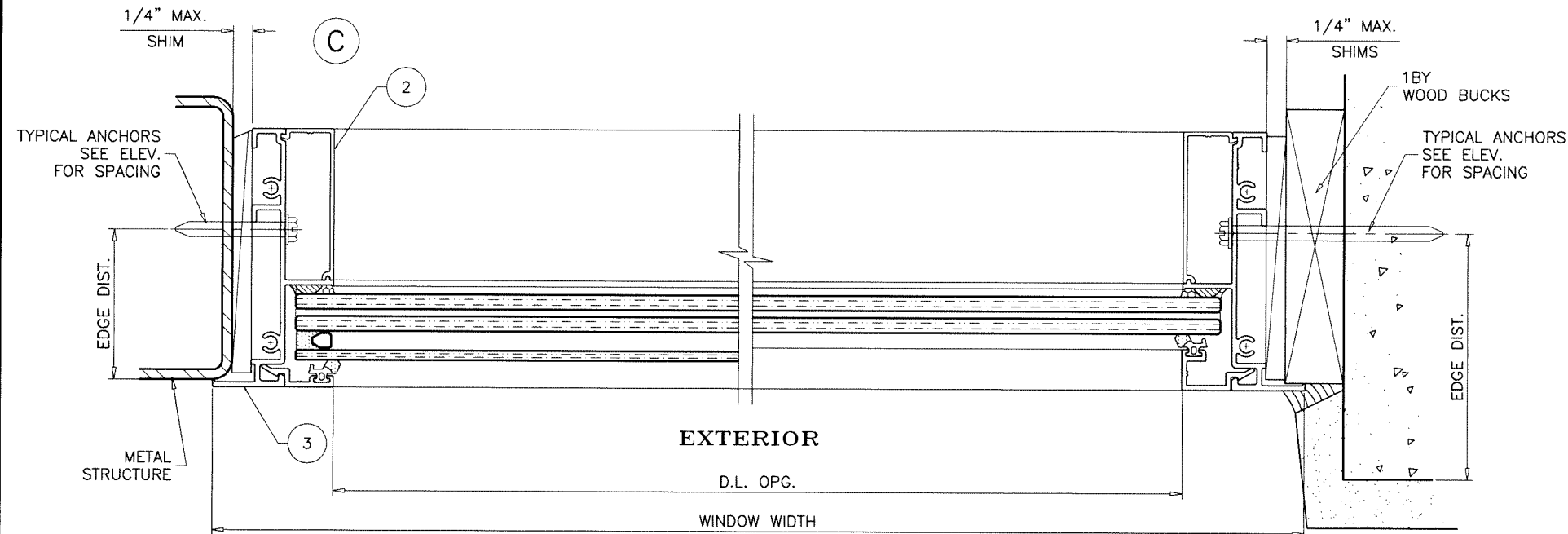
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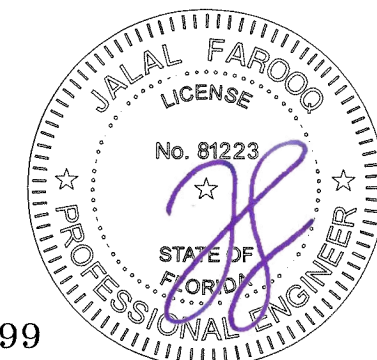
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sheet 3 of 8

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)
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INTER-300 ALUMINUM FIXED WDW. (L.M.I.)

Alucorp S.A. De C.V.
Calle 2 Tablaje 17439 Int C X 21y
25 Chichi Suarez, Merida
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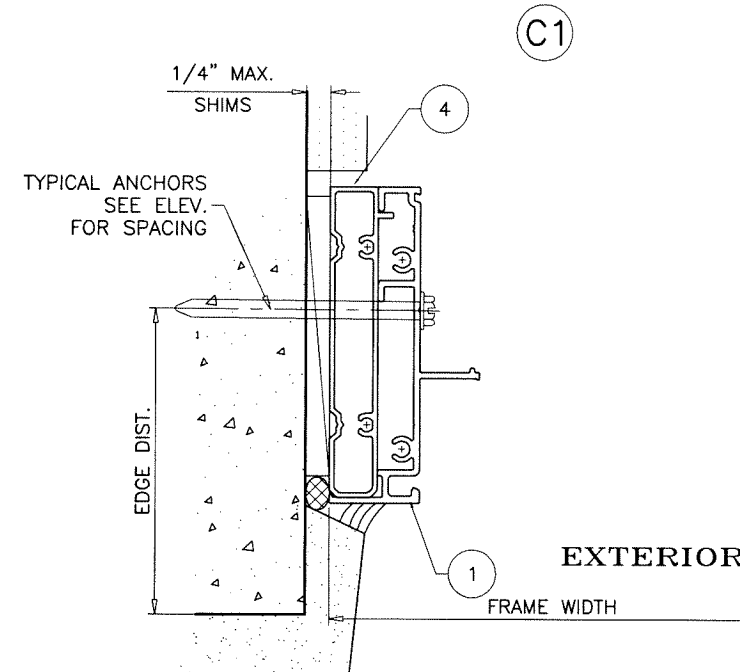
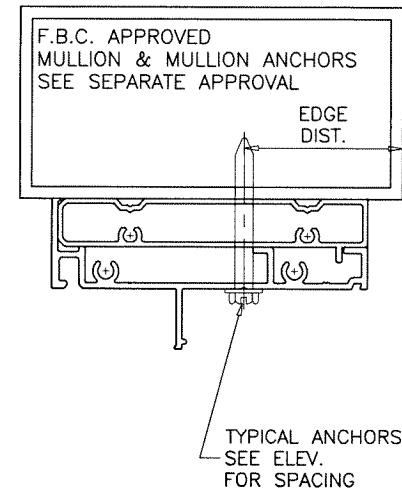
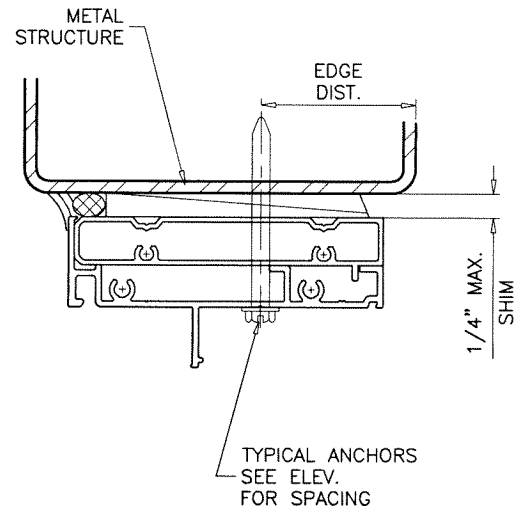
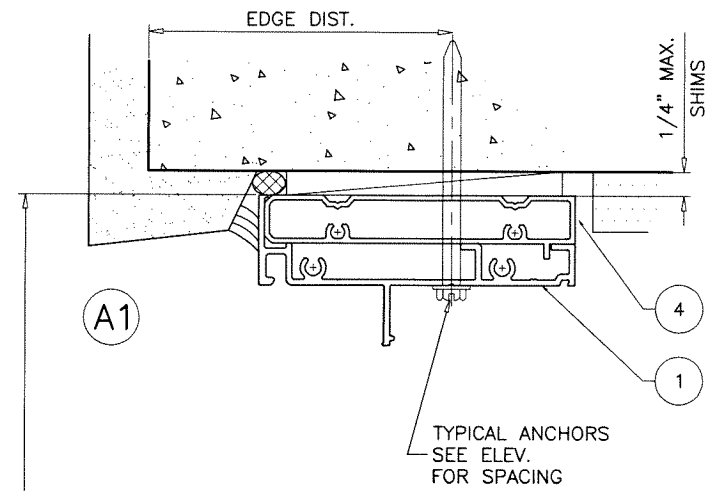
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drawing no.
24-87F
sheet 4 of 8

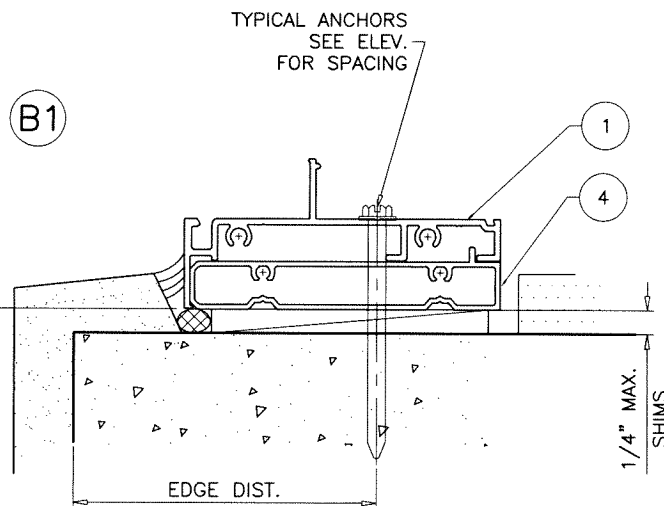
FRAME HEIGHT

EXTERIOR



EXTERIOR

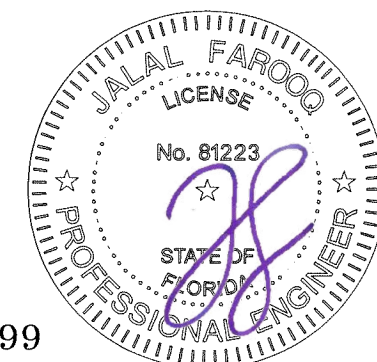
FRAME WIDTH



FLANGE FRAMES WITH EQUAL LEG ADAPTERS

SEE SHEETS 3 & 4 FOR WINDOW DETAILS

Sealed: 7/8/2026



FL #47199

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9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978
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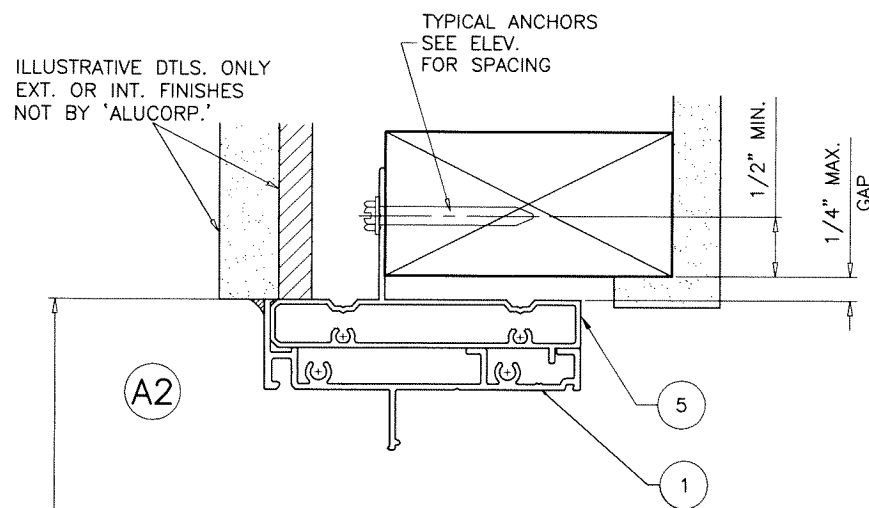
INTER-300 ALUMINUM FIXED WDW. (L.M.I.)

Alucorp S.A. De C.V.
Calle 2 Tablaje 17439 Int C X 21y
25 Chichi Suarez, Merida
Yucatan, Mexico
Tel. (-) Fax. (-)

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no	date	

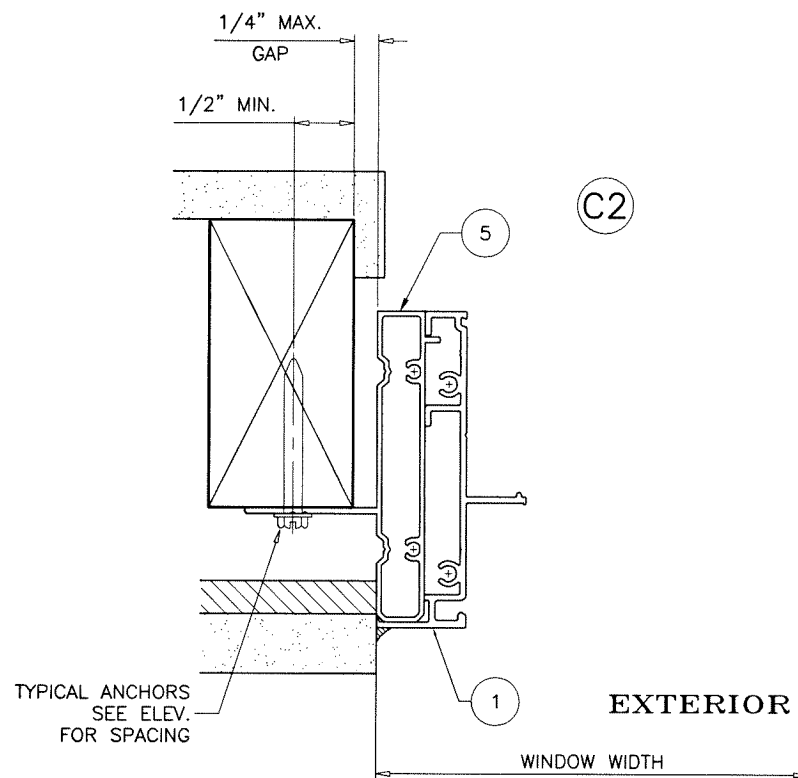
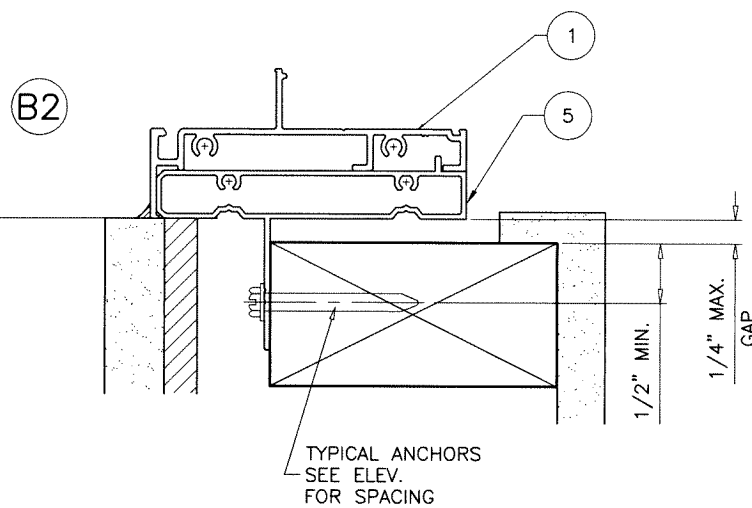
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drawing no.
24-87F
sheet 5 of 8



TYPICAL ANCHORS: SEE ELEV. FOR SPACING
#12 WOOD SCREWS (GRADE 2 CRS)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/2" MIN. PENETRATION INTO WOOD

WINDOW HEIGHT
 EXTERIOR



INSTALLATION DETAILS WITH FIN FRAME ADAPTER
 SEE SHEETS 3 & 4 FOR WINDOW DETAILS

Sealed: 7/8/2026



FL #47199

AL-FAROOQ CORPORATION
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 9360 SUNSET DRIVE, SUITE 220
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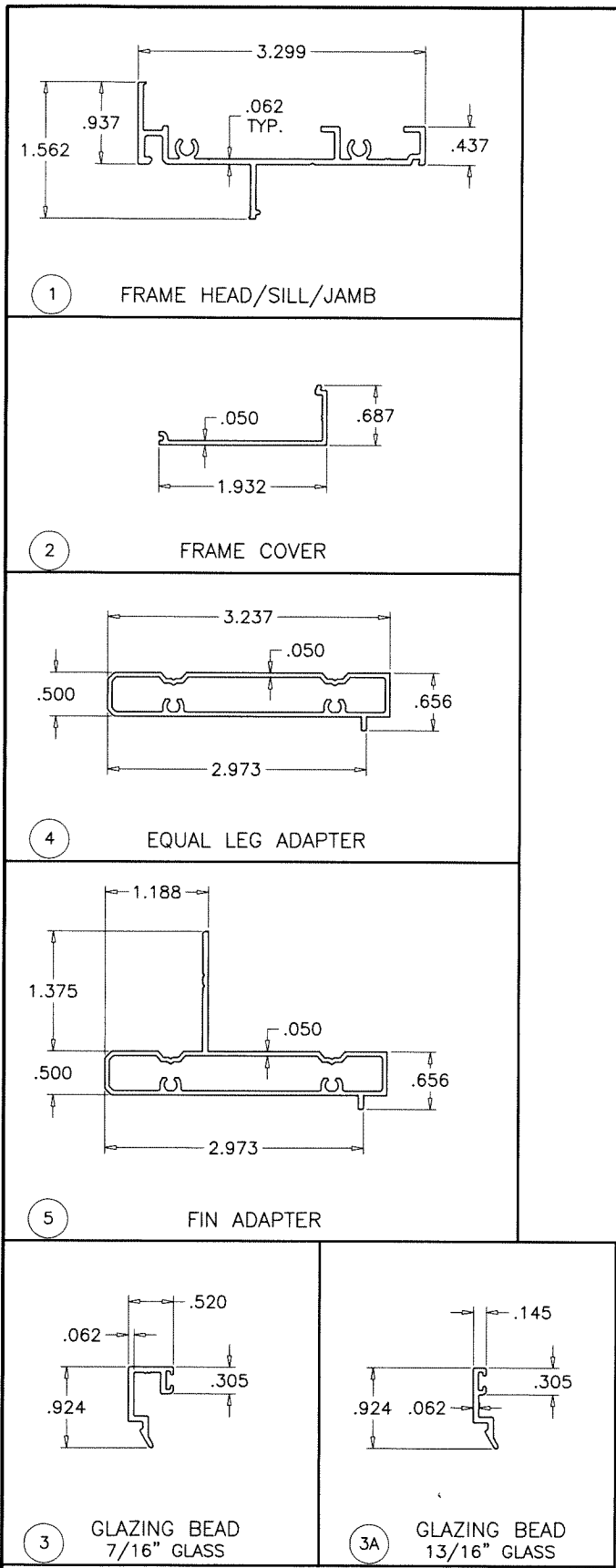
INTER-300 ALUMINUM FIXED WDW. (L.M.I.)

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 25 Chichi Suarez, Merida
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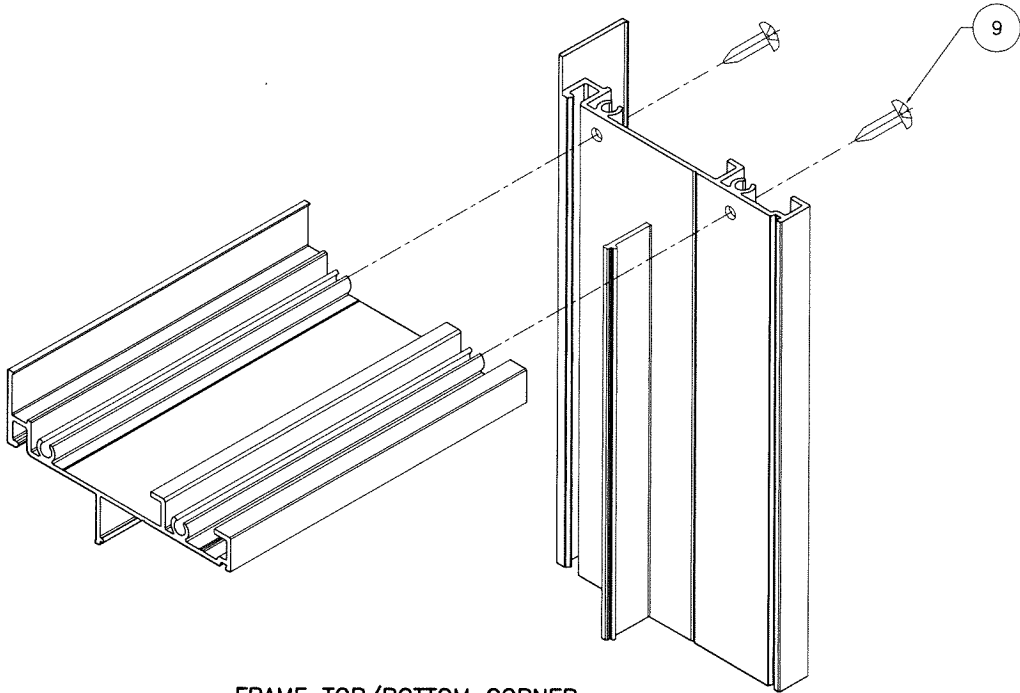
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 dr. by: TARIQ
 chk. by:

drawing no.
24-87F
 sheet 6 of 8



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	73028	AS REQD.	FRAME HEAD/SILL/JAMB	6063-T6	-
2	73039	AS REQD.	FRAME COVER	6063-T5	-
3	73123	AS REQD.	GLAZING BEAD (7/16" LAM. GLASS)	6063-T5	-
11A	73037	AS REQD.	GLAZING BEAD (13/16" INSUL. LAM. GLASS)	6063-T5	-
4	73186	AS REQD.	EQUAL LEG ADAPTER	6063-T6	-
5	73038	AS REQD.	FIN ADAPETR	6063-T6	-
6	-	AS REQD.	GLAZING GASKET	-	-
7	-	AS REQD.	BUMPER SPACER	SILICONE	-
8	-	AS REQD.	SETTING BLOCKS (1/8" X 3/4" X 4") AT 1/4 POINTS	EPDM	DUROMETER 80±5 SHORE A
9	#10 X 1-1/2"	AS REQD.	FRAME ASSEMBLY SCREWS	CRS	PH SMS
10	-	-	-	-	-

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



FRAME TOP/BOTTOM CORNER

Sealed: 7/8/2026



FL #47199

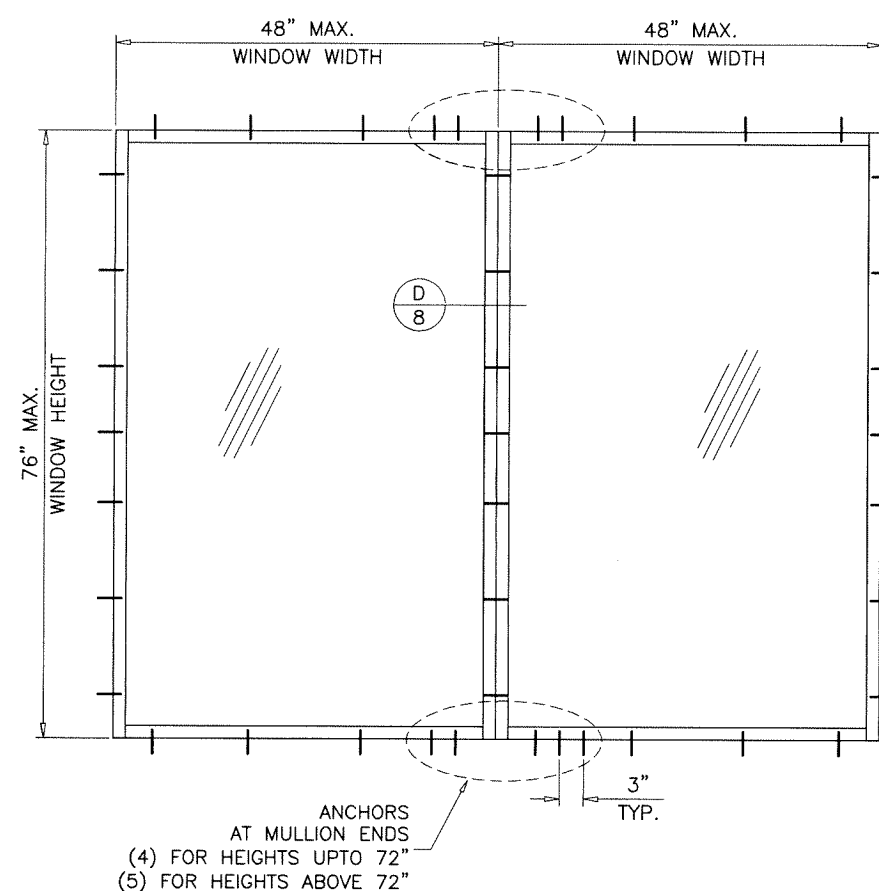
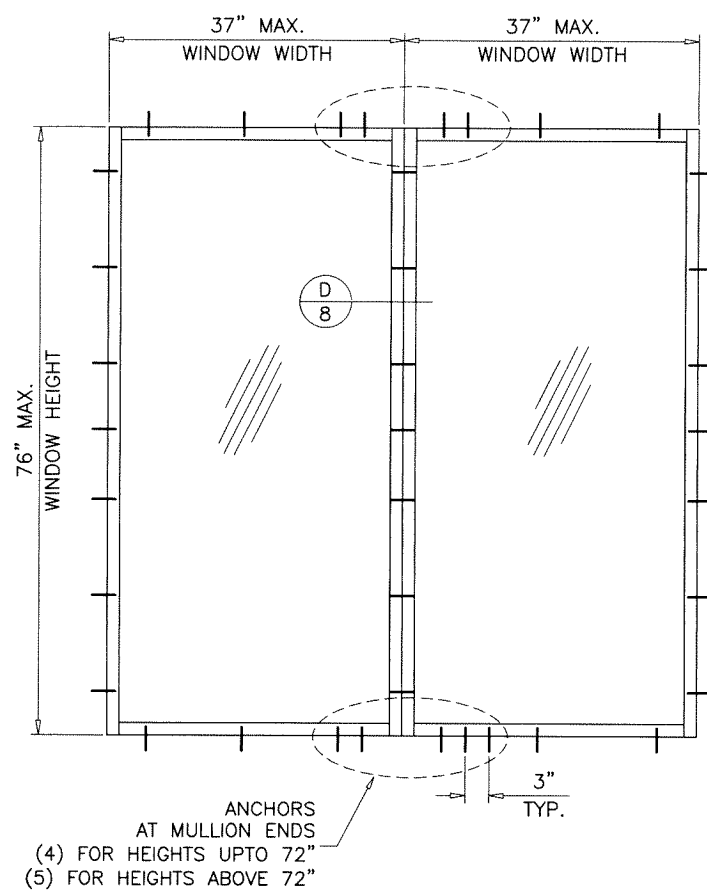
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
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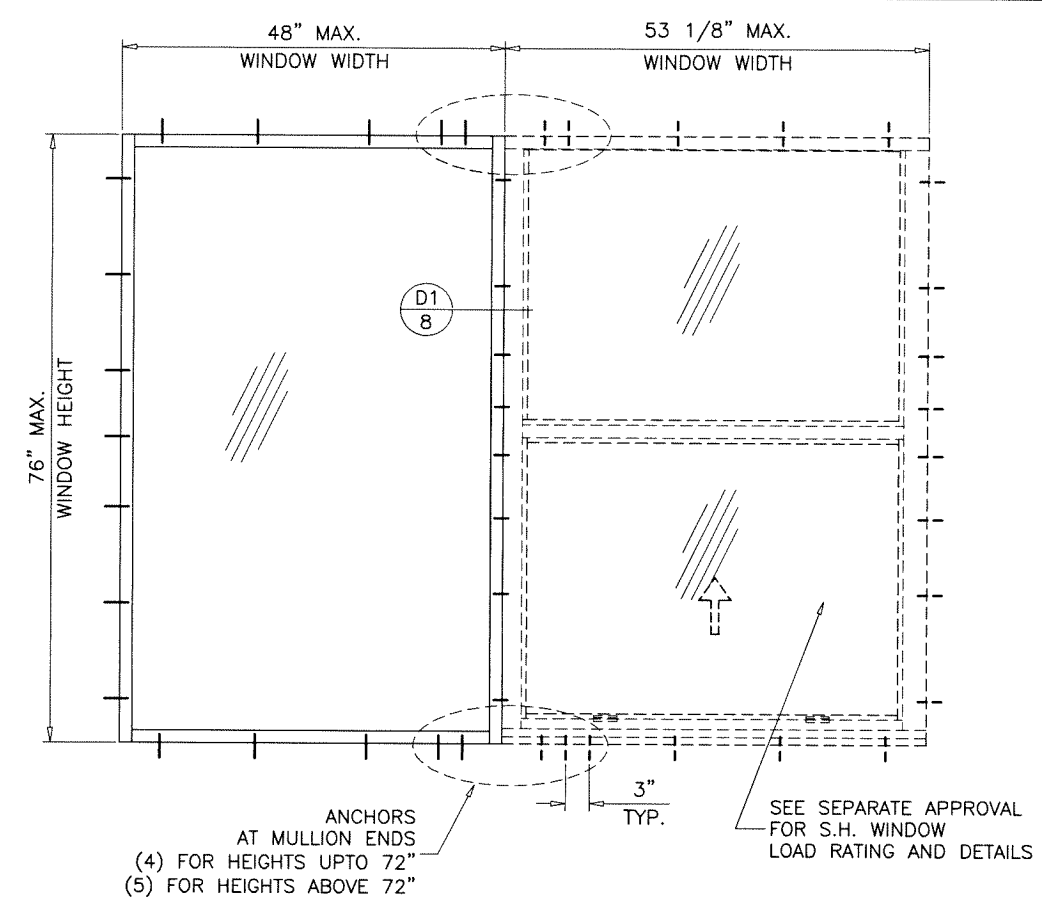
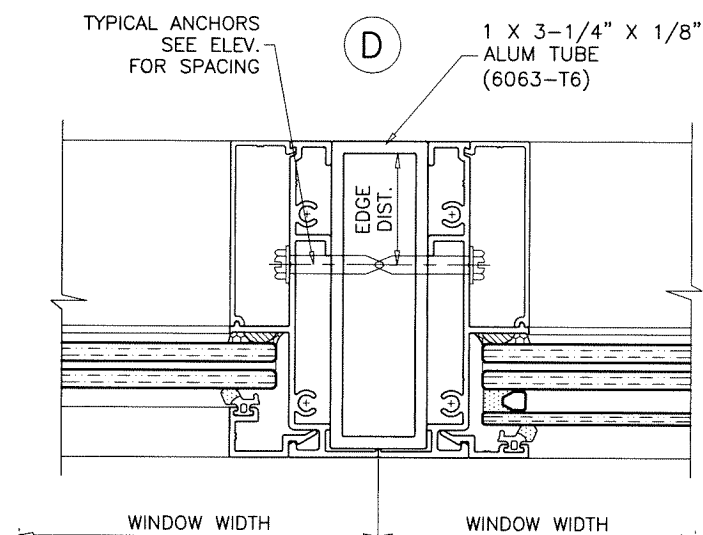
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chk. by:

drawing no.
24-87F
sheet 7 of 8

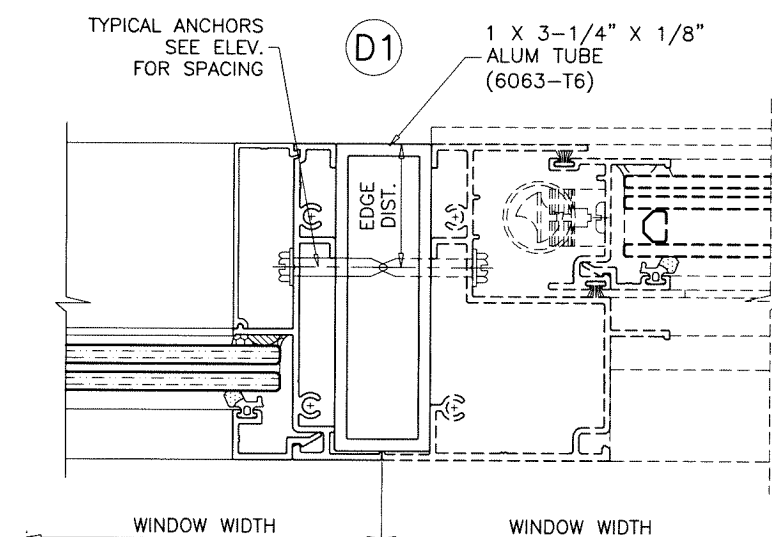


MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 80.0 PSF

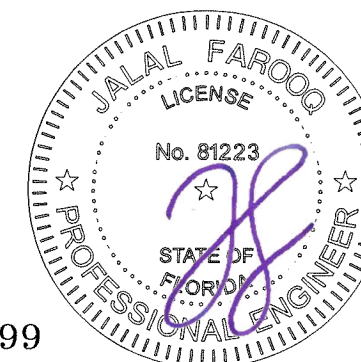
MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 77.6 PSF



MAXIMUM DESIGN LOAD RATING = + 70.0 PSF
(FOR SIZES SHOWN ABOVE OR SMALLER) - 80.0 PSF



Sealed: 7/8/2026



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INTER-300 ALUMINUM FIXED WDW. (L.M.I.)

INTER=300 ALUMINUM FIXED W

Alucorp S.A. De C.V.

ALACOLP S.A. DE C.V.
 Calle 2 Tablaje 17439 Int C X 21y
 25 Chichil, Suresz, Mérida

25 Chichi Suarez, Merida
Yucatan, Mexico

Yucatan, Mexico

Yucatan
Tel. (-)

Eggs (-)

revisions:	
no date	by description

date: 11-29-24

scale: $1/2'' = 1'$

dr. by: TARIQ

shk. by:

drawing no.

24-87F

sheet 8 of 8