

SERIES-700 ALUMINUM FIXED 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 FIX./FIX. OR FIXED WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOW 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 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.

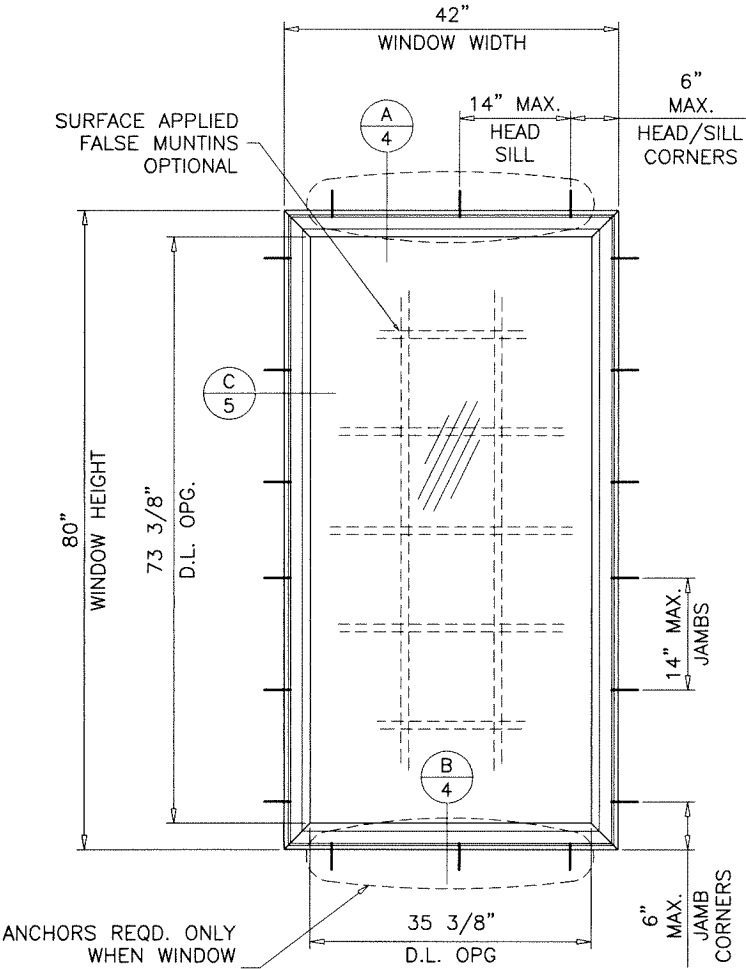
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

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.



TYPICAL ELEVATION
TESTED UNIT

WINDOWS COMPLY WITH REQUIREMENTS OF ANSI Z97.1.

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

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FL #47315

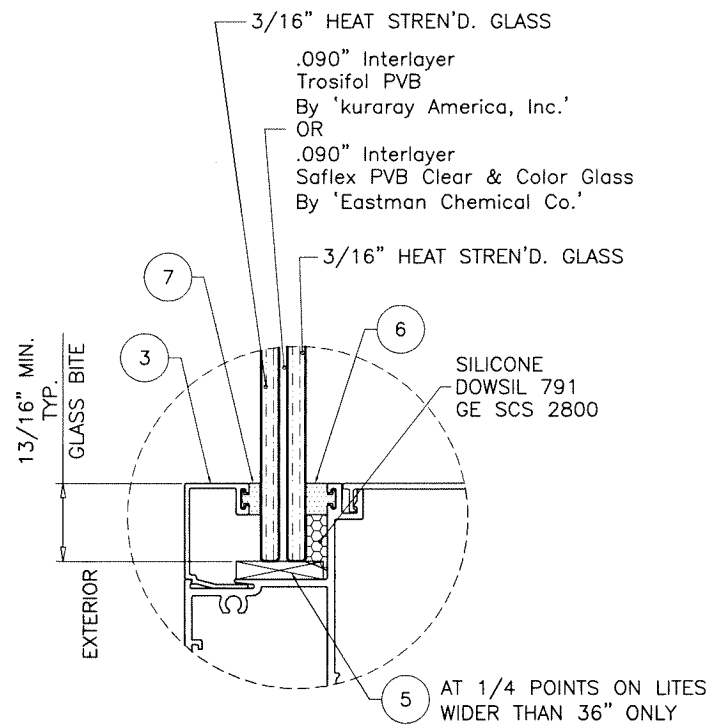
- A- CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- C- 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.



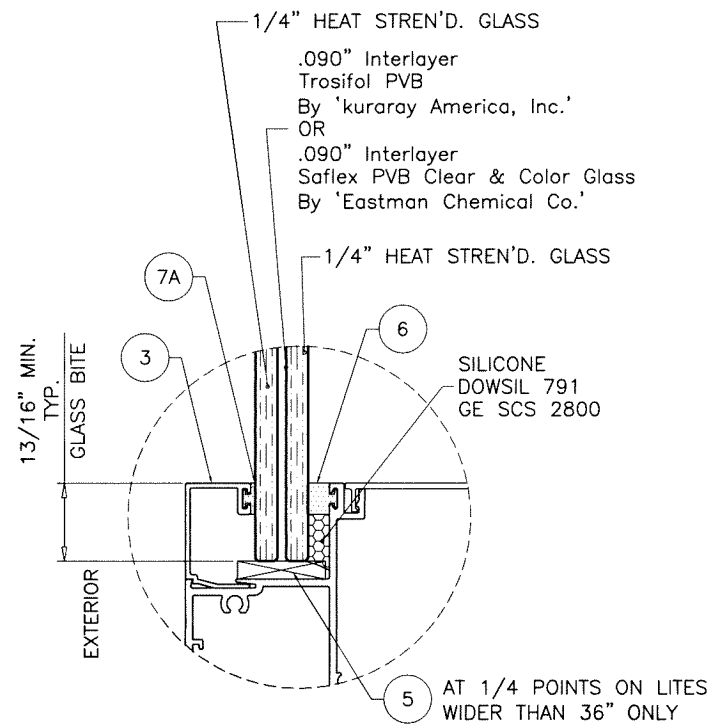
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL: (305) 264-8100
WWW.AFCENG.COM
FBPE #3538
COMP-ANL\25-03F-EII

SERIES-700 ALUMINUM FIXED WINDOW (L.M.I.)
Eurocraft Industries Inc.
9251 N.W. 112th Avenue
Medley, FL. 33178
Phone: (305) 713-1871
www.eurocraft-usa.com

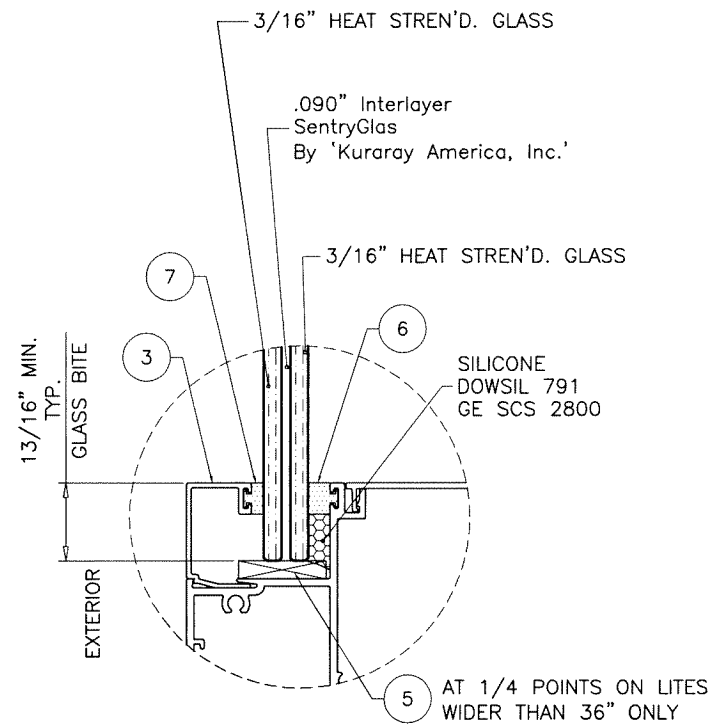
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dr. by:	TARIQ			
chk. by:				
drawing no.	25-03F			
sheet	1 of 7			



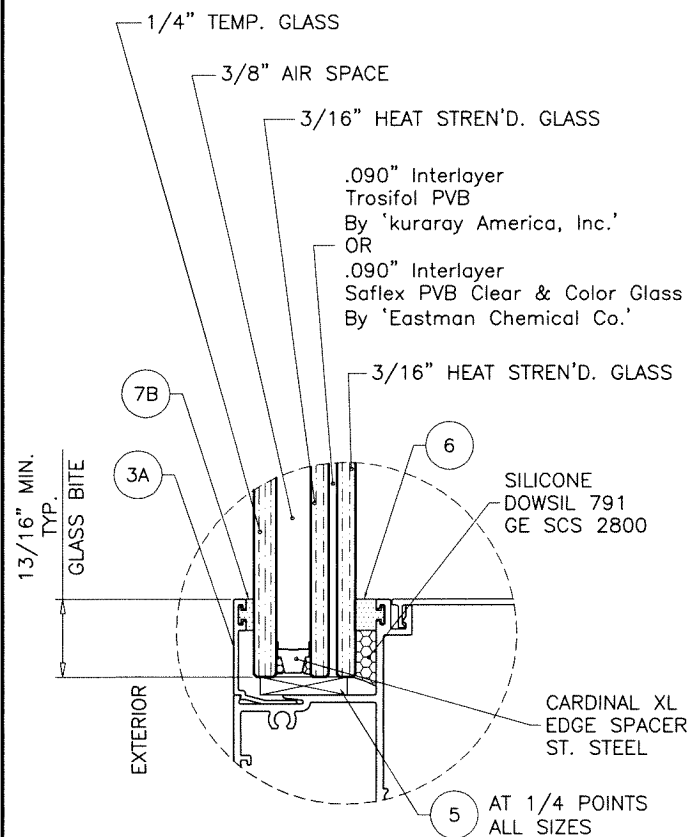
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7/16" OVERALL LAM. GLASS



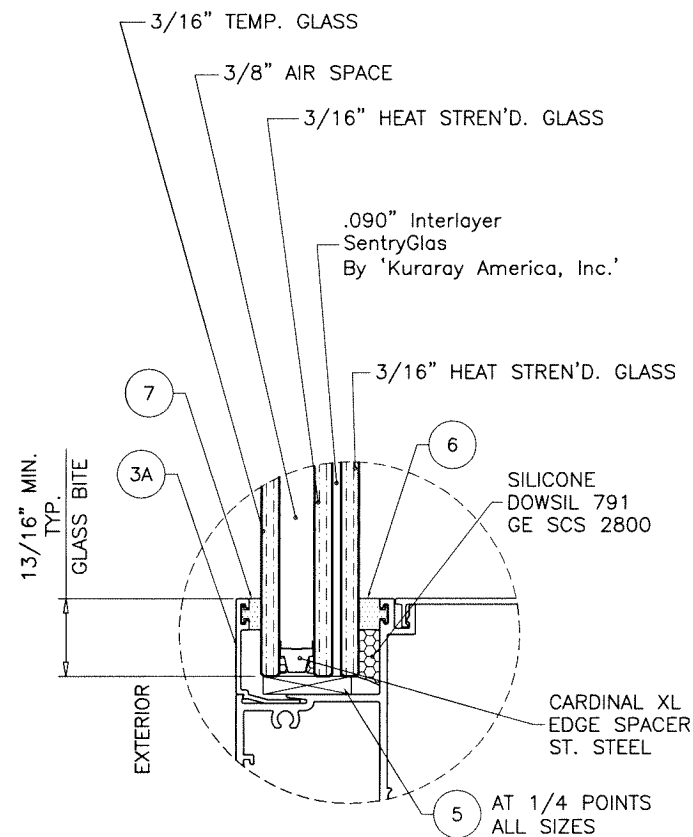
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GLASS TYPE 'C'
7/16" OVERALL LAM. GLASS



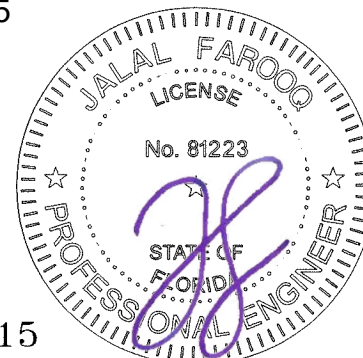
GLASS TYPE 'Ai'
1-1/16" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'Ci'
1-1/16" OVERALL INSUL. LAM. GLASS

GLAZING OPTIONS

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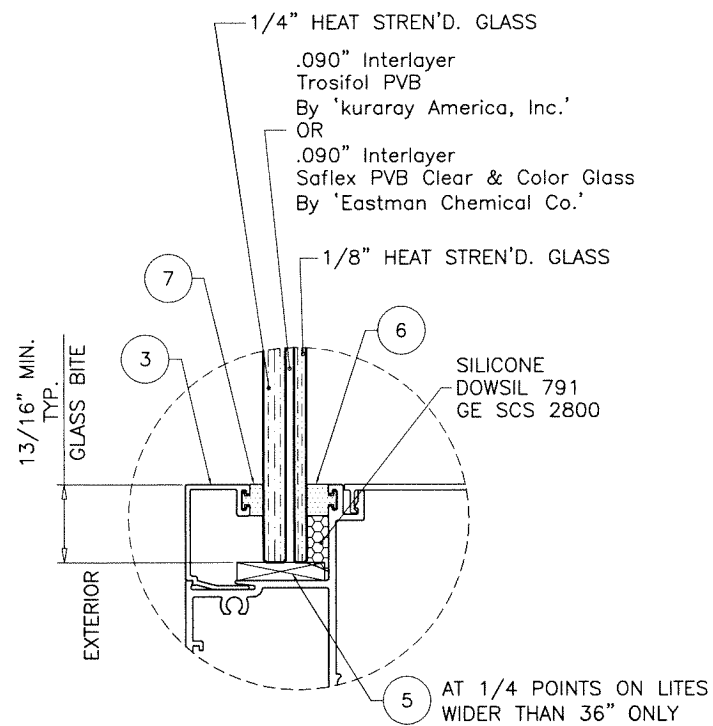
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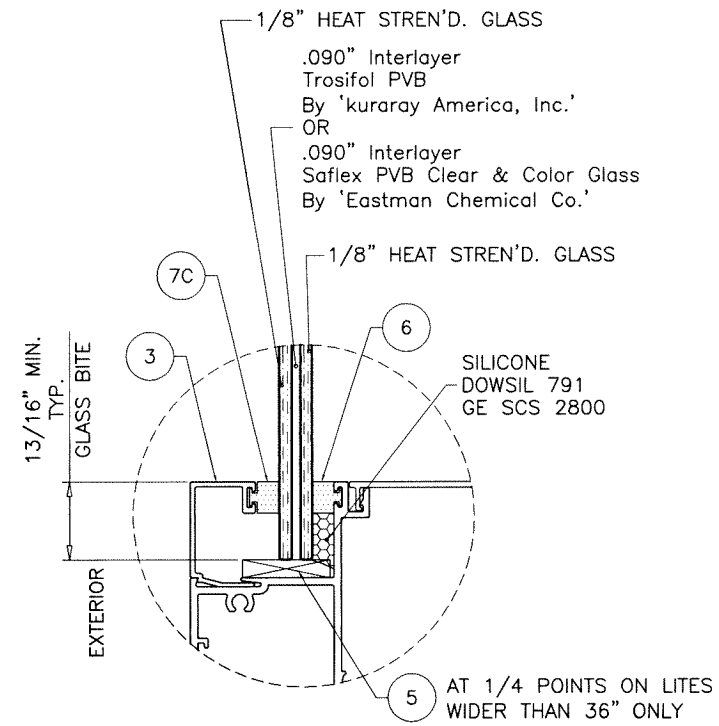
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no	description

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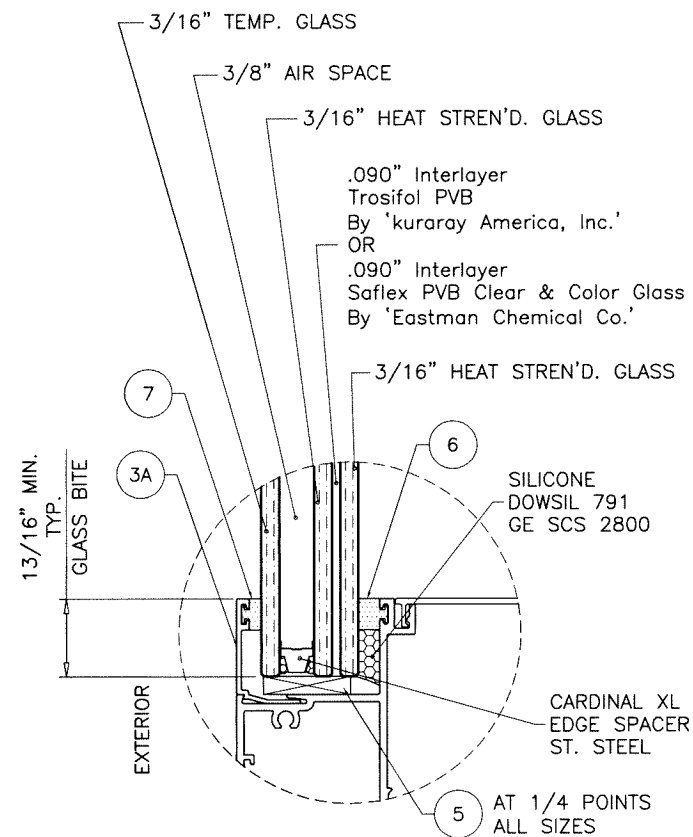
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25-03F
sheet 2 of 7



GLASS TYPE 'D'
7/16" OVERALL LAM. GLASS



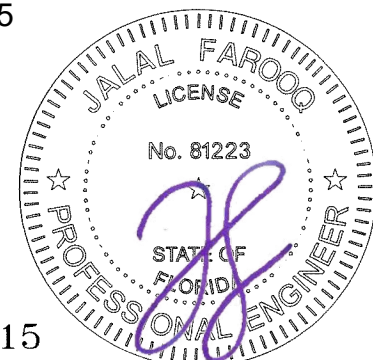
GLASS TYPE 'F'
5/16" OVERALL LAM. GLASS



GLASS TYPE 'Ei'
1-1/16" OVERALL INSUL. LAM. GLASS

GLAZING OPTIONS

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af c

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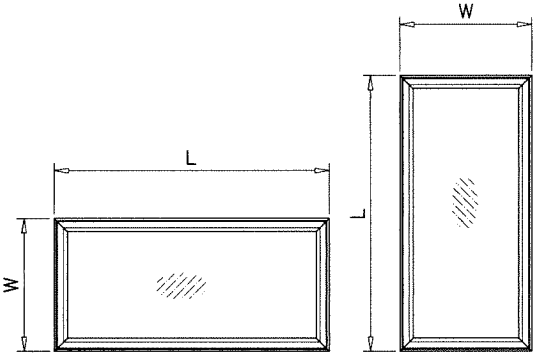
drawing no.
25-03F
sheet 2.1 of 7

DESIGN LOAD CAPACITY - PSF							
WINDOW FRAME DIMS.		GLASS TYPES 'A','B','D','Ai','Ei'		GLASS TYPES 'C' & 'Ci'		GLASS TYPE 'F'	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
19-1/8"	26"	80.0	80.0	100.0	120.0	70.0	70.0
26-1/2"		80.0	80.0	100.0	120.0	70.0	70.0
37"		80.0	80.0	100.0	120.0	70.0	70.0
42"		80.0	80.0	100.0	120.0	70.0	70.0
19-1/8"	38-3/8"	80.0	80.0	100.0	120.0	70.0	70.0
26-1/2"		80.0	80.0	100.0	120.0	70.0	70.0
37"		80.0	80.0	100.0	120.0	70.0	70.0
42"		80.0	80.0	96.4	115.7	67.5	67.5
19-1/8"	50-5/8"	80.0	80.0	100.0	120.0	70.0	70.0
26-1/2"		80.0	80.0	100.0	120.0	70.0	70.0
37"		80.0	80.0	100.0	120.0	70.0	70.0
42"		80.0	80.0	88.1	105.7	61.7	61.7
19-1/8"	63"	80.0	80.0	100.0	120.0	70.0	70.0
26-1/2"		80.0	80.0	100.0	120.0	70.0	70.0
37"		80.0	80.0	100.0	120.0	70.0	70.0
42"		80.0	80.0	-	-	70.0	70.0
19-1/8"	74-1/4"	80.0	80.0	100.0	120.0	70.0	70.0
26-1/2"		80.0	80.0	100.0	120.0	70.0	70.0
37"		80.0	80.0	-	-	70.0	70.0
42"		80.0	80.0	-	-	-	-
19-1/8"	76"	80.0	80.0	100.0	120.0	70.0	70.0
26-1/2"		80.0	80.0	100.0	120.0	70.0	70.0
37"		80.0	80.0	-	-	-	-
42"		80.0	80.0	-	-	-	-

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

DESIGN LOAD CAPACITY - PSF							
WINDOW FRAME DIMS.		GLASS TYPES 'A','B','D','Ai','Ei'		GLASS TYPES 'C' & 'Ci'		GLASS TYPE 'F'	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
12"	36"	80.0	80.0	100.0	120.0	70.0	70.0
18"		80.0	80.0	100.0	120.0	70.0	70.0
24"		80.0	80.0	100.0	120.0	70.0	70.0
30"		80.0	80.0	100.0	120.0	70.0	70.0
36"		80.0	80.0	100.0	120.0	70.0	70.0
42"		80.0	80.0	100.0	120.0	70.0	70.0
12"		80.0	80.0	100.0	120.0	70.0	70.0
18"	48"	80.0	80.0	100.0	120.0	70.0	70.0
24"		80.0	80.0	100.0	120.0	70.0	70.0
30"		80.0	80.0	100.0	120.0	70.0	70.0
36"		80.0	80.0	100.0	120.0	70.0	70.0
42"		80.0	80.0	100.0	120.0	70.0	70.0
12"		80.0	80.0	100.0	120.0	70.0	70.0
18"		80.0	80.0	100.0	120.0	70.0	70.0
24"	54"	80.0	80.0	100.0	120.0	70.0	70.0
30"		80.0	80.0	100.0	120.0	70.0	70.0
36"		80.0	80.0	100.0	120.0	70.0	70.0
42"		80.0	80.0	88.1	105.7	61.7	61.7
12"		80.0	80.0	100.0	120.0	70.0	70.0
18"		80.0	80.0	100.0	120.0	70.0	70.0
24"		80.0	80.0	100.0	120.0	70.0	70.0
30"	60"	80.0	80.0	100.0	120.0	70.0	70.0
36"		80.0	80.0	100.0	120.0	70.0	70.0
42"		80.0	80.0	100.0	120.0	70.0	70.0
12"		80.0	80.0	-	-	-	-
18"		80.0	80.0	-	-	-	-
24"		80.0	80.0	-	-	-	-
30"		80.0	80.0	-	-	-	-
36"	66"	80.0	80.0	100.0	120.0	-	-
42"		80.0	80.0	100.0	120.0	-	-
12"		80.0	80.0	100.0	120.0	70.0	70.0
18"		80.0	80.0	100.0	120.0	70.0	70.0
24"		80.0	80.0	100.0	120.0	70.0	70.0
30"		80.0	80.0	100.0	120.0	70.0	70.0
36"		80.0	80.0	100.0	120.0	-	-
42"		80.0	80.0	-	-	-	-
12"	72"	80.0	80.0	100.0	120.0	70.0	70.0
18"		80.0	80.0	100.0	120.0	70.0	70.0
24"		80.0	80.0	100.0	120.0	70.0	70.0
30"		80.0	80.0	100.0	120.0	70.0	70.0
36"		80.0	80.0	-	-	-	-
42"		80.0	80.0	-	-	-	-
12"		80.0	80.0	100.0	120.0	-	-
18"	76"	80.0	80.0	100.0	120.0	-	-
24"		80.0	80.0	100.0	120.0	-	-
30"		80.0	80.0	100.0	120.0	-	-
36"		80.0	80.0	-	-	-	-
42"		80.0	80.0	-	-	-	-
12"		80.0	80.0	100.0	120.0	-	-
18"		80.0	80.0	100.0	120.0	-	-
24"	80"	80.0	80.0	100.0	120.0	-	-
30"		80.0	80.0	100.0	120.0	-	-
36"		80.0	80.0	-	-	-	-
42"		80.0	80.0	-	-	-	-
12"		80.0	80.0	100.0	120.0	-	-
18"		80.0	80.0	100.0	120.0	-	-
24"		80.0	80.0	100.0	120.0	-	-

DESIGN LOAD CAPACITY - PSF							
WINDOW FRAME DIMS.		GLASS TYPES 'A','B','D','Ai','Ei'		GLASS TYPES 'C' & 'Ci'		GLASS TYPE 'F'	
WIDTH	LENGTH	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)	EXT.(+)	INT.(-)
12"	82"	80.0	80.0	100.0	120.0	-	-
18"		80.0	80.0	100.0	120.0	-	-
24"		80.0	80.0	100.0	120.0	-	-
30"		80.0	80.0	-	-	-	-
36"		80.0	80.0	-	-	-	-
12"		80.0	80.0	100.0	120.0	-	-
18"	88"	80.0	80.0	100.0	120.0	-	-
24"		80.0	80.0	100.0	120.0	-	-
30"		80.0	80.0	-	-	-	-
36"		80.0	80.0	-	-	-	-
12"		80.0	80.0	100.0	120.0	-	-
18"		80.0	80.0	100.0	120.0	-	-



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

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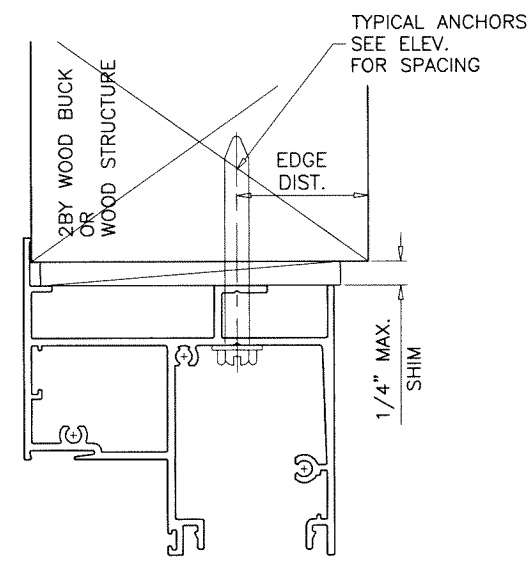
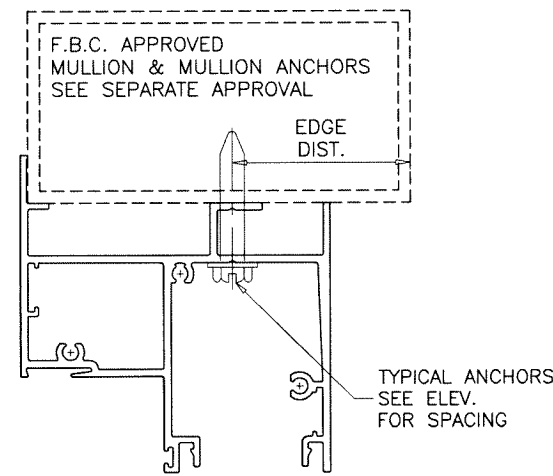
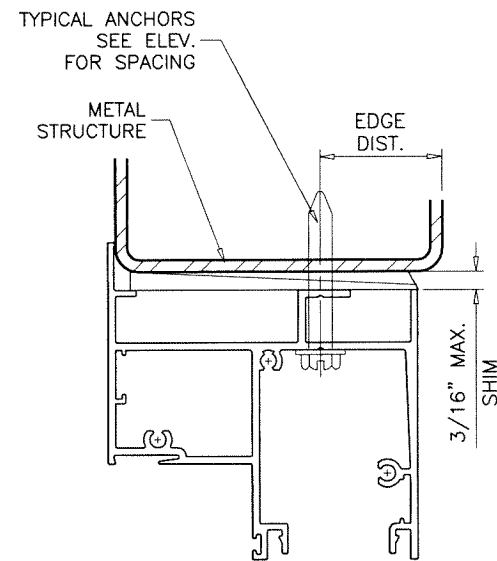
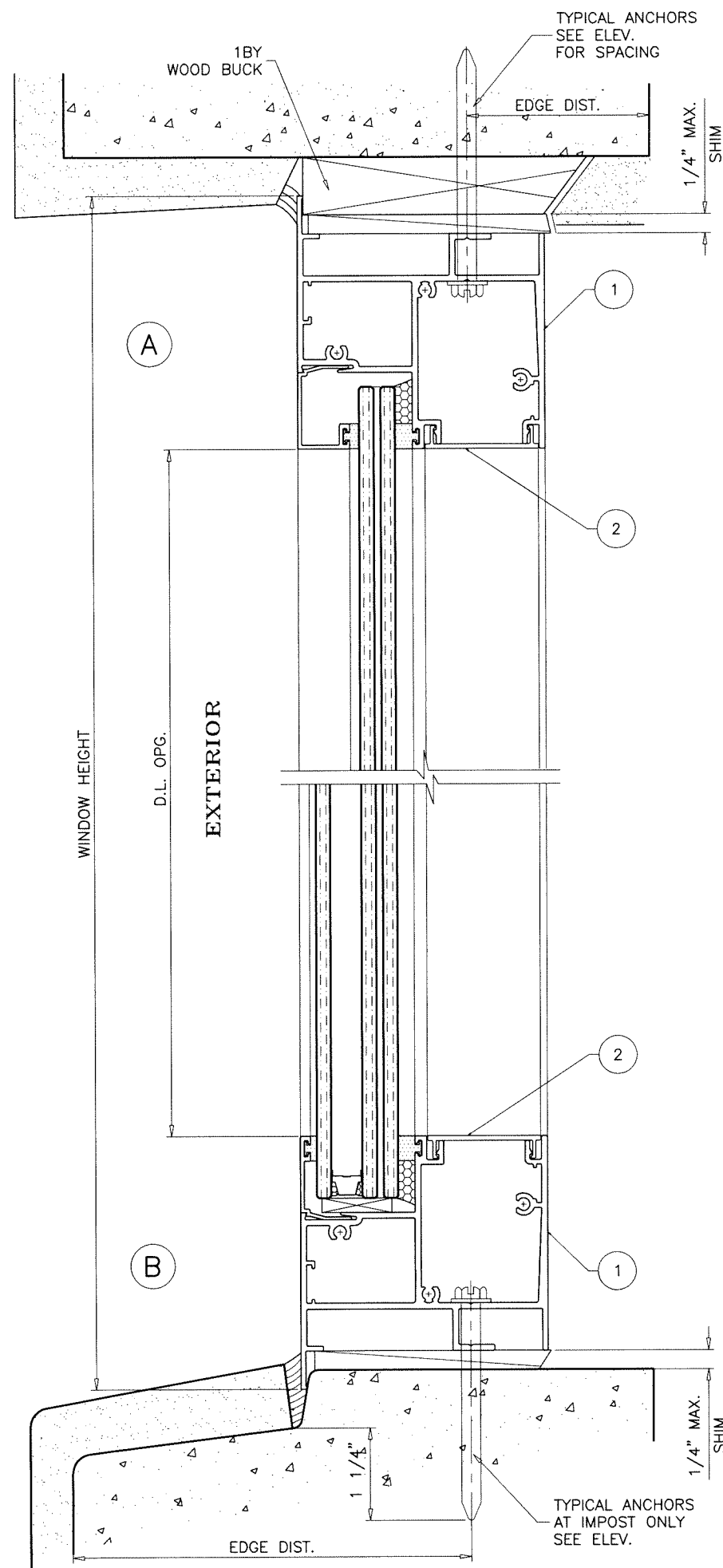
dr. by: TARIQ

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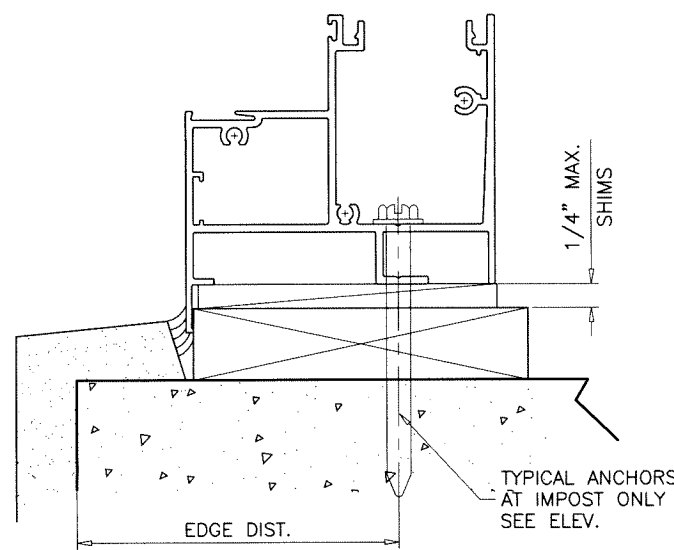
drawing no.

25-03F

sheet 3 of 7

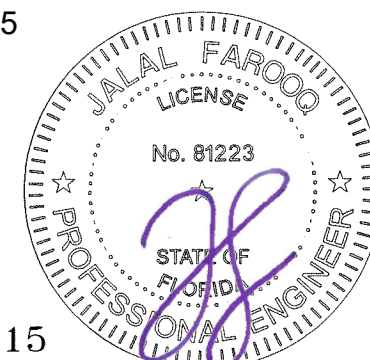


WOOD BUCKS AND METAL STRUCTURE NOT BY 'EURORAFT' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.



TYPICAL ANCHORS: SEE ELEV. FOR SPACING
1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u=164$ KSI, $F_y=148$ 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 MIAMI-DADE COUNTY APPROVED MULLIONS
 AND
 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. ($F_y = 36$ KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
CRITICAL 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.

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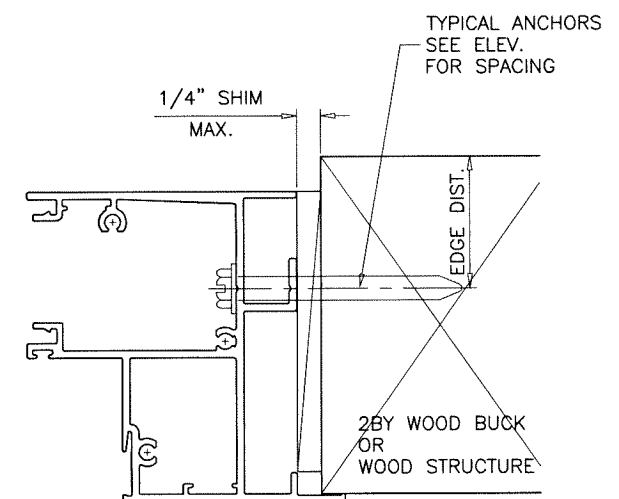
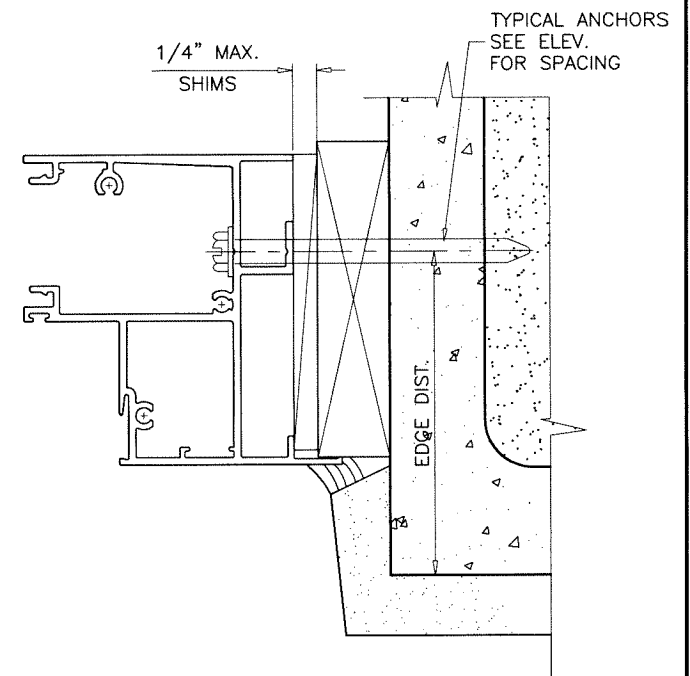
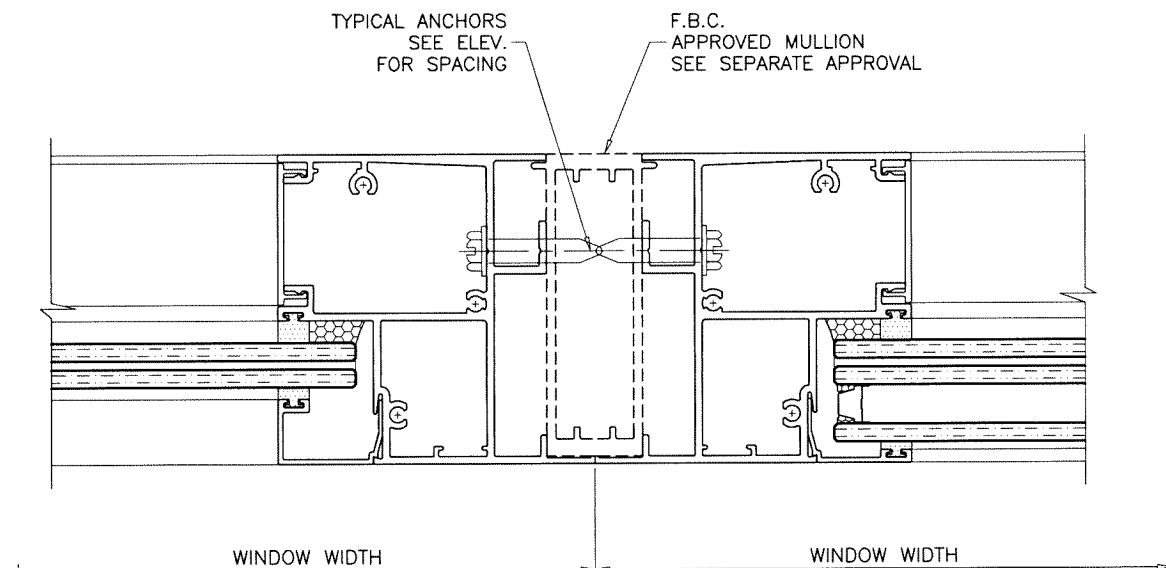
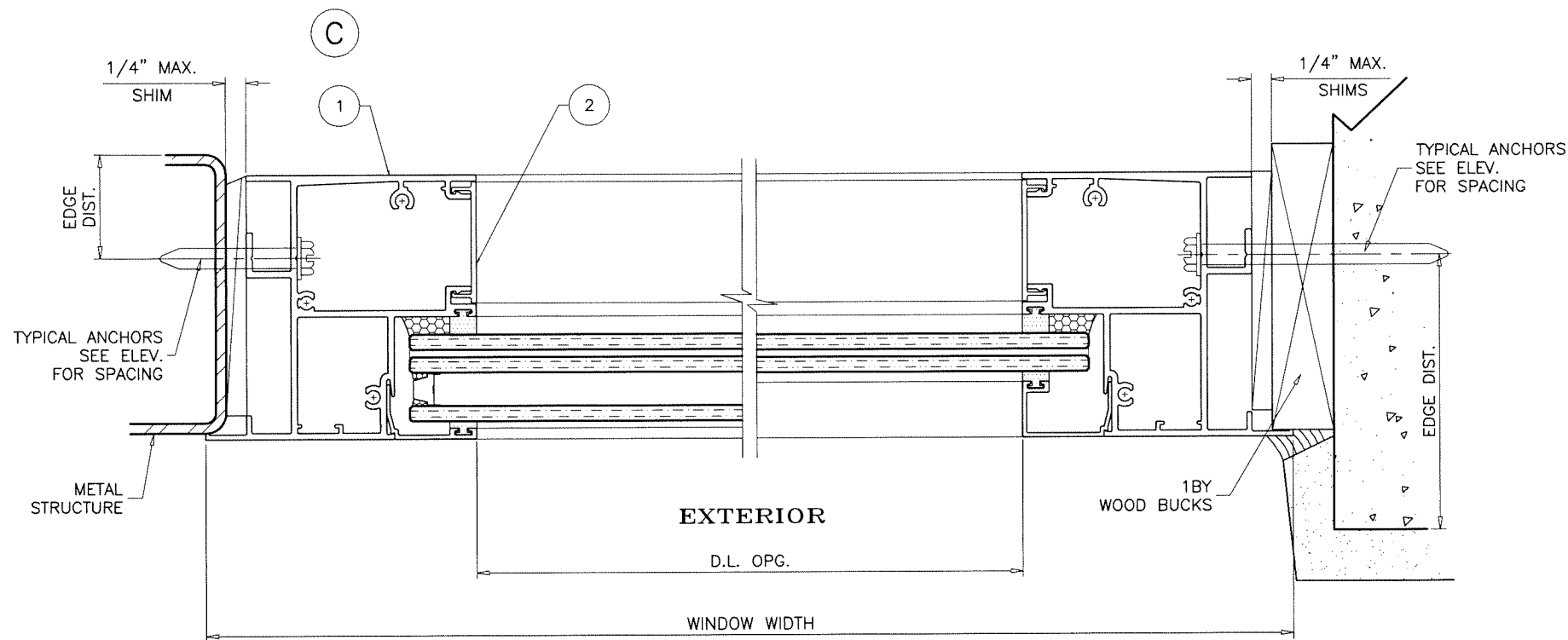


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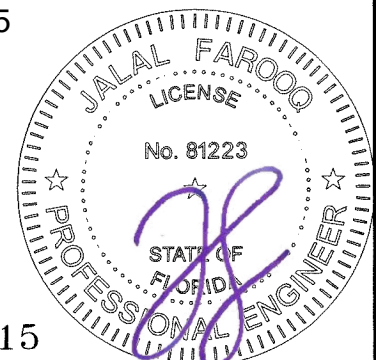
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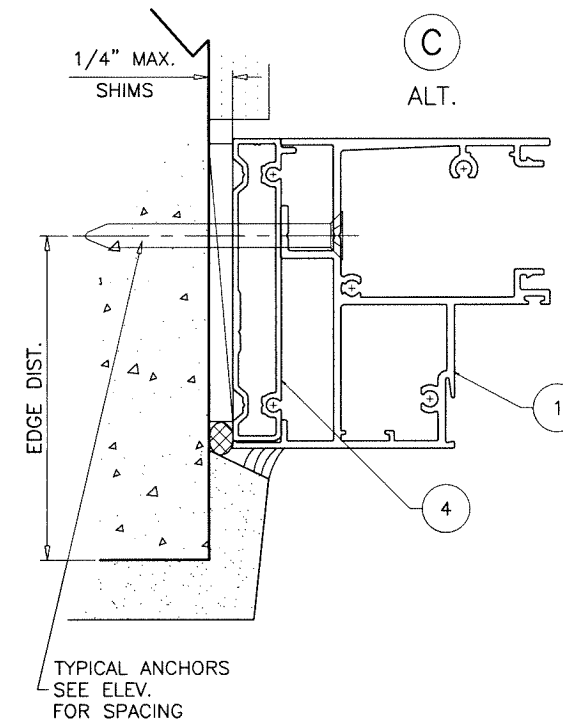
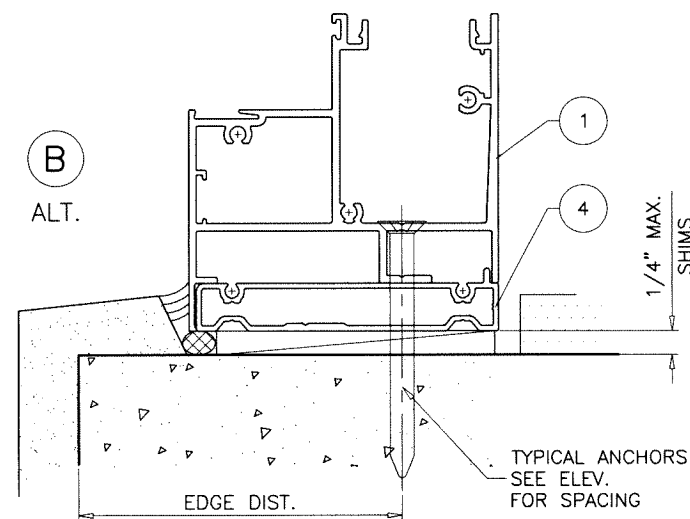
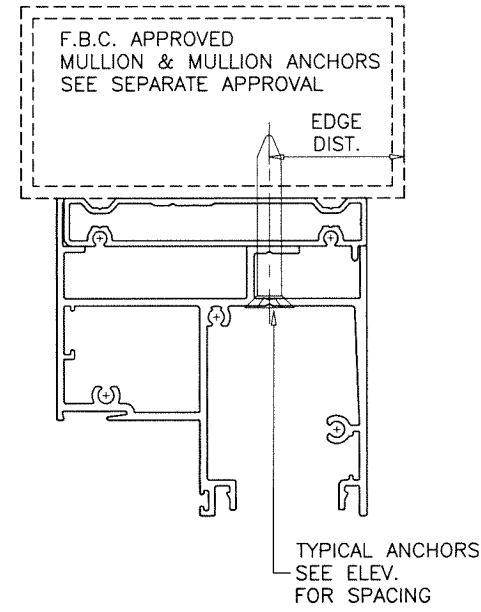
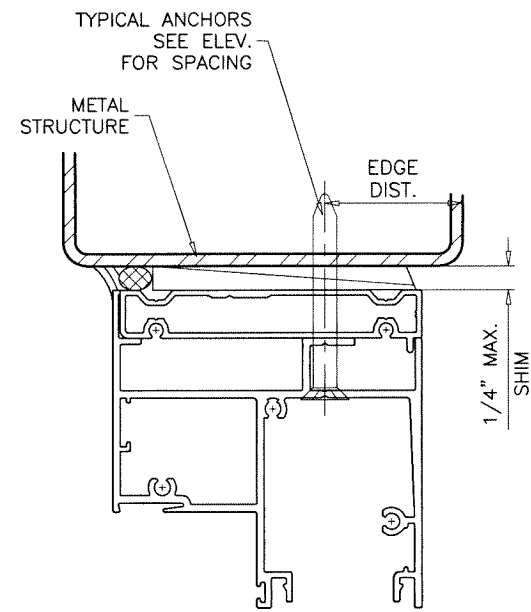
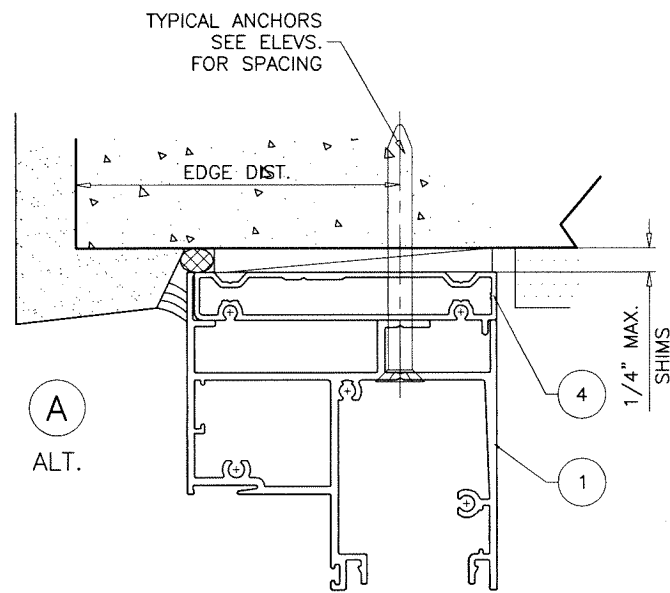
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chk. by:

drawing no.

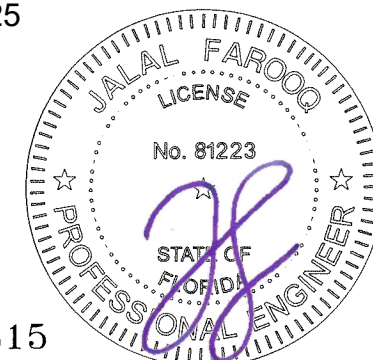
25-03F

sheet 5 of 7



INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER
SEE SHEETS 4 & 5 FOR WINDOW DETAILS

Sealed: 10/10/2025



FL #47315

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

a f c

FBPE #3538
COMP-ANL\25-03F-EII

SERIES-700 ALUMINUM FIXED WINDOW (L.M.I.)

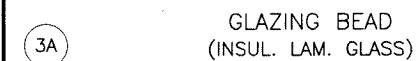
Eurocraft Industries Inc.
9251 N.W. 112th Avenue
Medley, FL 33178
Phone: (305) 713-1871 www.eurocraft-usa.com

date: 01-02-25	revisions:	
scale: 1/2" = 1"	no	by description
dr. by: TARIQ		
chk. by:		

drawing no.

25-03F

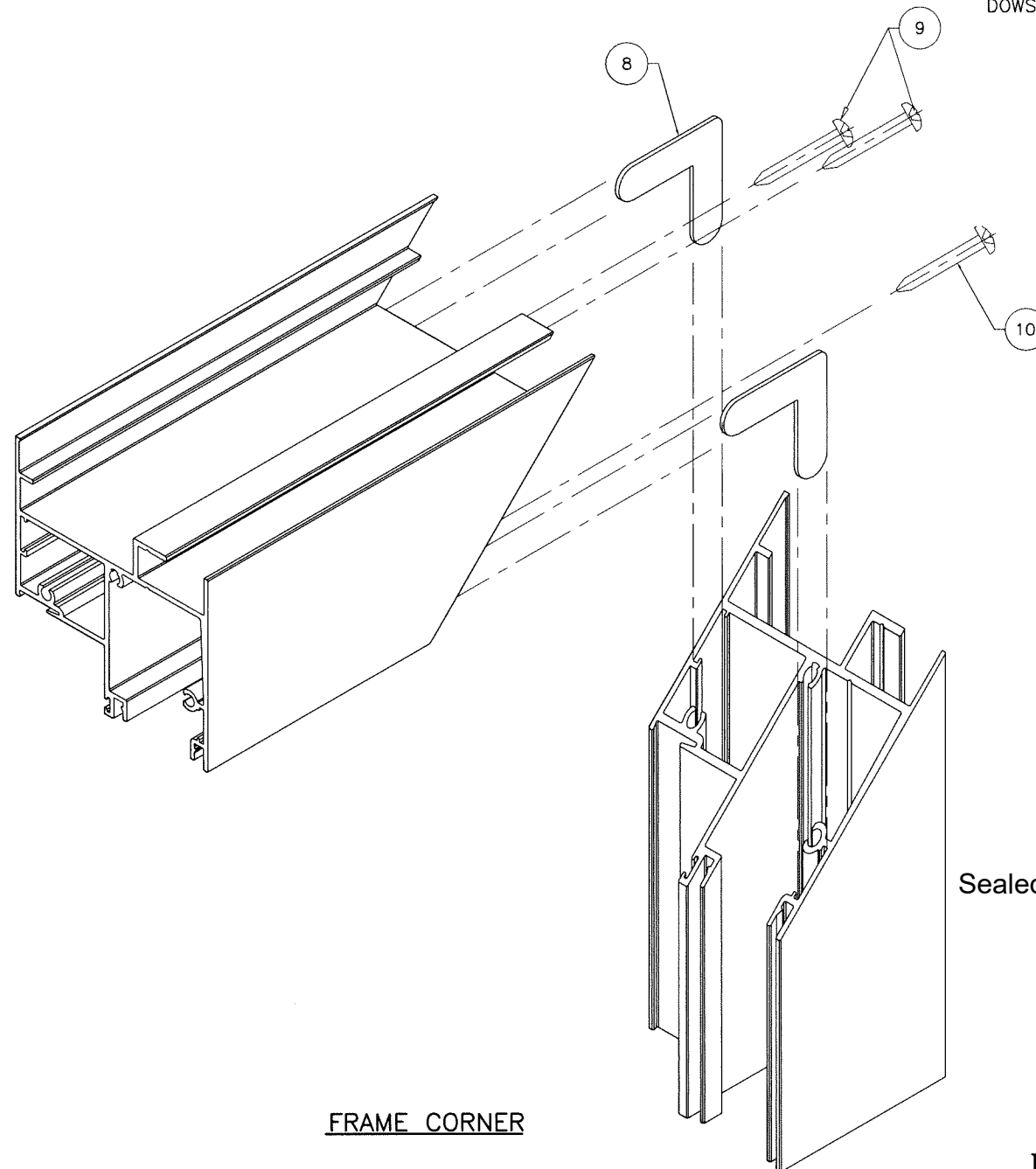
sheet 6 of 7



ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	700-06	4	FRAME	6063-T6	-
2	700-07	4	FRAME COVER	6063-T6	-
3	100-003	AS REQD.	GLAZING BEAD (LAM. GLASS)	6063-T6	-
3A	100-002	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6	-
4	EU104	AS REQD.	FLUSH FRAME ADAPTER	6063-T6	-
5	E-B027300E	2/ LITE	3/16" THK. SETTING BLOCK	EPDM	EXTRUSIONS
6	ES 82657	AS REQD.	INTERIOR GLAZING GASKET	EPDM	MPI/EXTRUSIONS
7	ES 82501BK	AS REQD.	EXTERIOR GLAZING GASKET (7/16" LAM. GLASS)	EPDM	MPI/EXTRUSIONS
7A	ES T045147TS	AS REQD.	EXTERIOR GLAZING GASKET (9/16" LAM. GLASS)	EPDM	MPI/EXTRUSIONS
7B	ES T045176TS	AS REQD.	EXTERIOR GLAZING GASKET (1-1/16" INSUL. LAM. GLASS)	EPDM	MPI/EXTRUSIONS
7C	ES 82657	AS REQD.	EXTERIOR GLAZING GASKET (5/16" LAM. GLASS)	EPDM	MPI/EXTRUSIONS
8	PJS-40-SS	2/ CORNER	FRAME CORNER KEY	ST. STEEL	SULLIVAN & ASSOCIATES
9	#10 X 1-1/4"	2/ CORNER	FRAME ASSEMBLY FASTENERS	-	PH SMS
10	#10 X 2"	1/ CORNER	FRAME ASSEMBLY FASTENERS	-	PH SMS

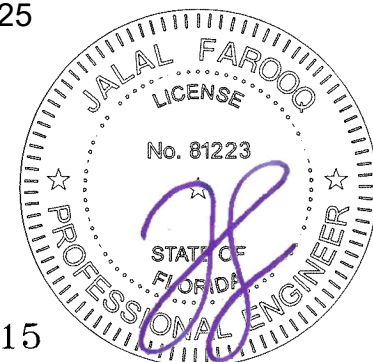
SEALANT:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH
DOWSIL 795 SEALANT.



FRAME CORNER

Sealed: 10/10/2025



SERIES-700 ALUMINUM FIXED WINDOW (L.M.I.)

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revisions:					
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date: 01-02-25

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drawing no.

25-03F

sheet 7 of 7