

ALUMINUM CLAD WOOD FIXED CASEMENT WINDOW

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 WINDOW OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

1BY OR 2BY WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE BUILDING STRUCTURE.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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.

DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

1/8" ANN. GLASS
OR
1/8" TEMP. GLASS

1/2" AIR SPACE

5/32" ANN. GLASS

.090" Interlayer
SentryGlas
By 'Kuraray America, Inc.'

5/32" ANN. GLASS

9

10

4

14

1/2" MIN.
TYP.
GLASS BITE

EXTERIOR

SILICONE
DOWSIL 995

16

13

CARDINAL XL
EDGE SPACER
ST. STEEL

GLASS TYPE 'A'

3/16" ANN. GLASS
OR
3/16" TEMP. GLASS

1/2" AIR SPACE

1/4" HEAT STREN'D GLASS

.090" Interlayer
SentryGlas
By 'Kuraray America, Inc.'

1/4" HEAT STREN'D GLASS

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1/2" MIN.
TYP.
GLASS BITE

EXTERIOR

SILICONE
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CARDINAL XL
EDGE SPACER
ST. STEEL

16

13

GLASS TYPE 'B'

GLAZING OPTIONS

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.

Sealed 8/14/2026

FL #48372

A circular professional engineer seal for Jalal Farooq. The outer ring contains the text "JALAL FAROOQ" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside this ring is a smaller circle with the word "LICENSE" at the top and "STATE OF FLORIDA" at the bottom, also separated by two stars. In the center of the seal is the license number "No. 81223". A large, stylized purple signature is written across the center of the seal, overlapping the license number and the "STATE OF FLORIDA" text.

StormForce ALUM CLAD WD. FIX. CASMT. WDW. (L.M.I.)

Loewen Windows And Doors

77 Highway 52 West

Steinbach, MB R5G 1B2, Canada

PHONE: (204) 346-6808 www.loewen.com

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9360 SUNSET DRIVE, SUITE 220
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TEL. (305) 264-8100 WWW.AFCENG.COM

Computer (local) unit:

FBPE #3538

COMP-ANL\26-06F-LWD

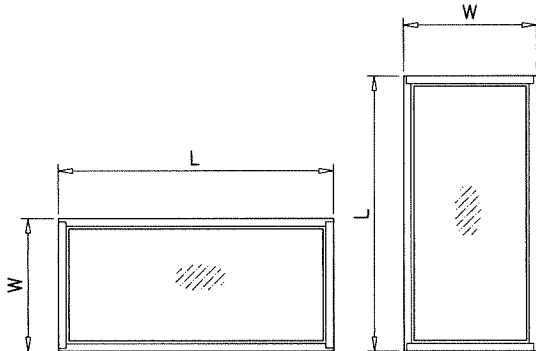
[illegible]

DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPE 'A'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)
18"	65"	85.0	85.0
24"		85.0	85.0
30"		80.8	80.8
36"		69.0	69.0
18"	71"	85.0	85.0
24"		85.0	85.0
30"		78.8	78.8
35-1/2"		70.0	70.0
18"	72"	85.0	85.0
24"		85.0	85.0
30"		78.5	78.5
18"	78"	85.0	85.0
24"		85.0	85.0
30"		76.9	76.9
18"	84"	85.0	85.0
24"		85.0	85.0
30"		75.6	75.6
18"	102"	85.0	85.0
24"		85.0	85.0
18"	138"	85.0	85.0
17"	144"	85.0	85.0

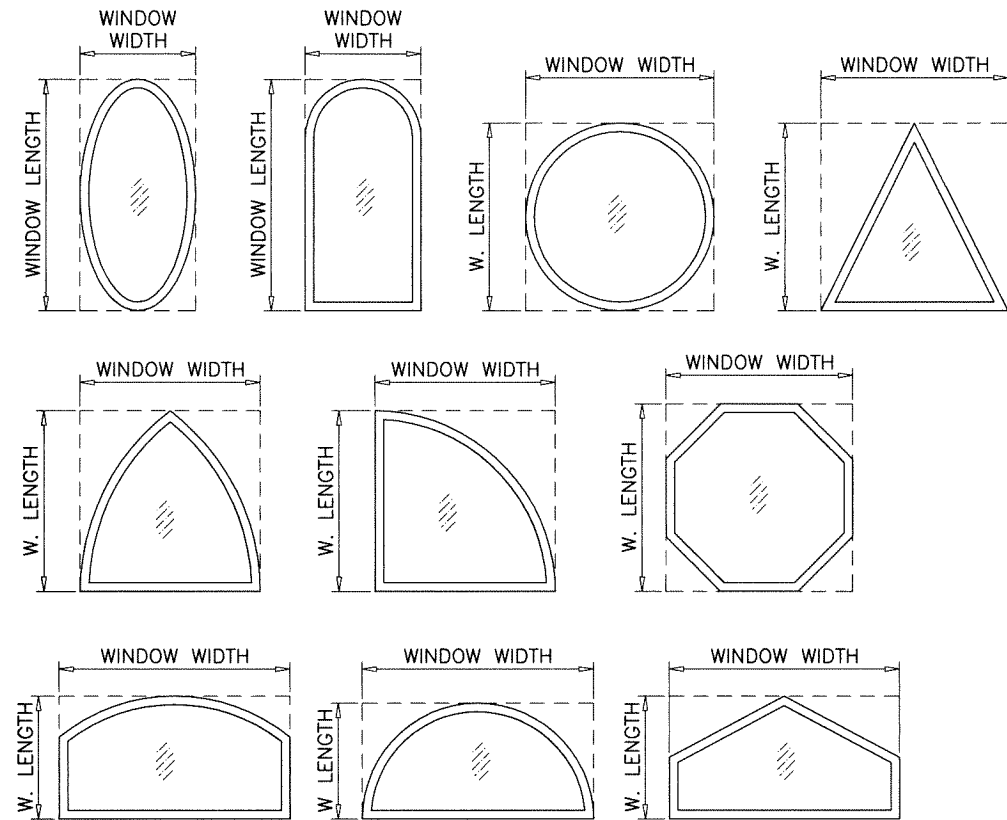
NOTE:
GLASS CAPACITIES ARE BASED ON
ASTM E1300-16 (3 SEC. GUSTS).

DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPE 'B'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)
24"	65"	85.0	85.0
30"		85.0	85.0
36"		85.0	85.0
42"		85.0	85.0
48"		85.0	85.0
54"		76.5	76.5
60"		68.8	68.8
66"		63.5	63.5
24"	78"	85.0	85.0
30"		85.0	85.0
36"		85.0	85.0
42"		85.0	85.0
48"		85.0	85.0
54"		76.5	76.5
60"		68.8	68.8
66"		62.6	62.6
24"	84"	85.0	85.0
30"		85.0	85.0
36"		85.0	85.0
42"		85.0	85.0
48"		82.9	82.9
54"		76.5	76.5
60"		68.8	68.8
66"		62.6	62.6
24"	90"	85.0	85.0
30"		85.0	85.0
36"		85.0	85.0
42"		85.0	85.0
48"		80.7	80.7
54"		75.2	75.2
60"		68.8	68.8
24"	94-1/2"	85.0	85.0
30"		85.0	85.0
36"		85.0	85.0
42"		85.0	85.0
48"		79.3	79.3
54"		73.6	73.6
59"		70.0	70.0
24"	96"	85.0	85.0
30"		85.0	85.0
36"		85.0	85.0
42"		85.0	85.0
48"		78.9	78.9
54"		73.2	73.2
24"	102"	85.0	85.0
30"		85.0	85.0
36"		85.0	85.0
42"		85.0	85.0
48"		77.4	77.4
54"		71.5	71.5

DESIGN LOAD CAPACITY - PSF			
FRAME DIMS.		GLASS TYPE 'B'	
WIDTH (W)	LENGTH (L)	EXT.(+)	INT.(-)
24"	114"	85.0	85.0
30"		85.0	85.0
36"		85.0	85.0
42"		82.9	82.9
48"		75.0	75.0
24"	126"	85.0	85.0
30"		85.0	85.0
36"		85.0	85.0
42"		81.2	81.2
24"	144"	85.0	85.0
30"		85.0	85.0
36"		85.0	85.0
38-5/8"		85.0	85.0

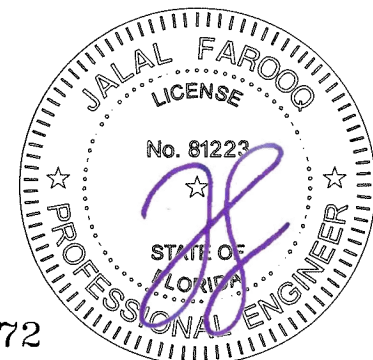


NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED
VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE
VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS
SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.
LIMIT MAX. DESIGN LOADS FOR ALTERNATE SHAPES TO ±70.0 PSF

Sealed 8/14/2026

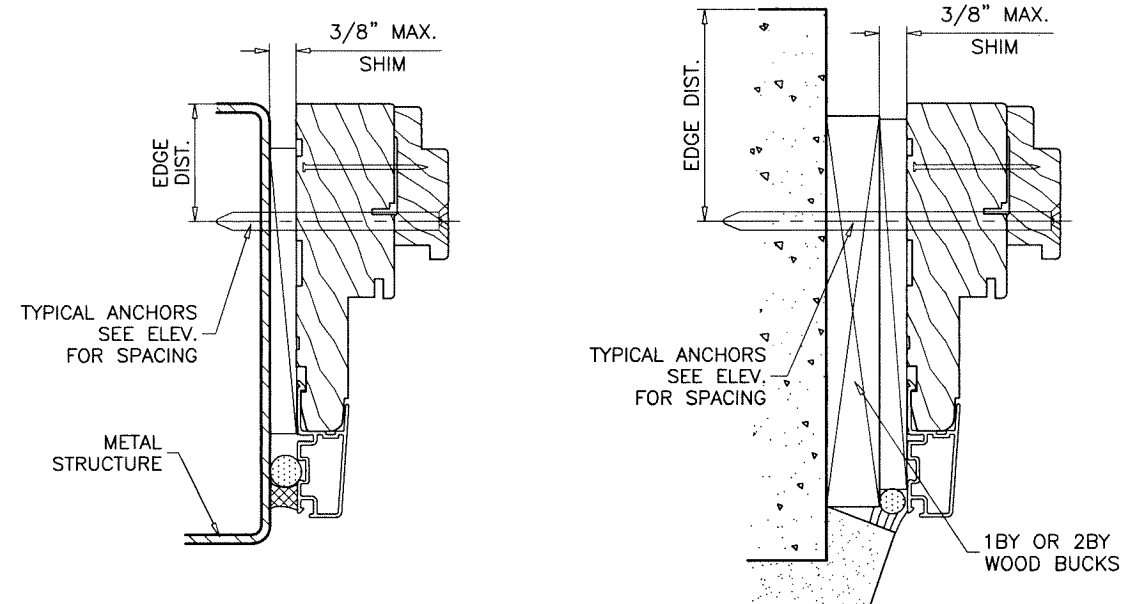
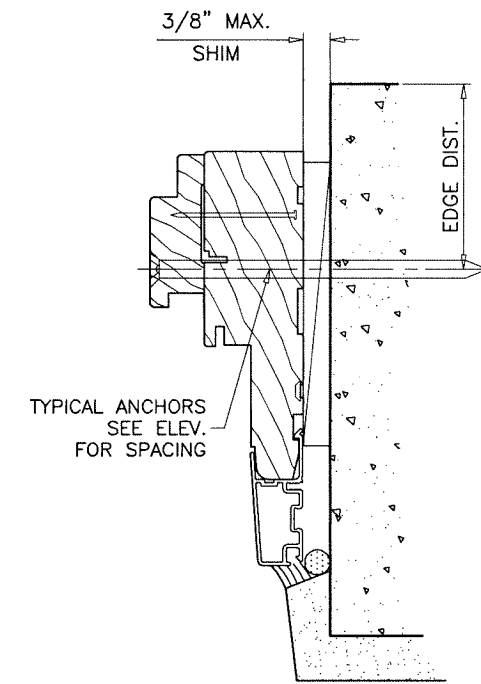


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revisions:
no date by description
date: 02-26-26
scale: 3/8" = 1"
dr. by: TARIQ
chk. by:
drawing no.
26-06F
sheet 3 of 8

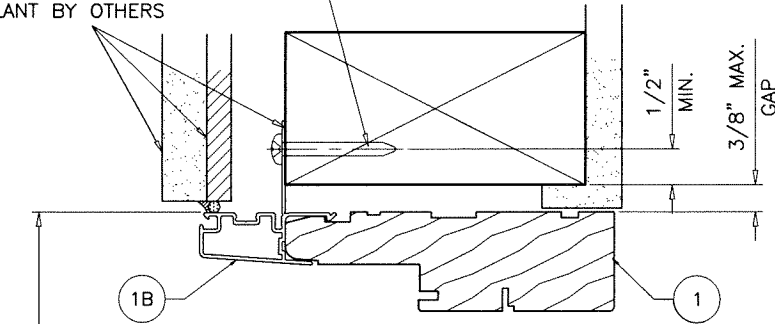


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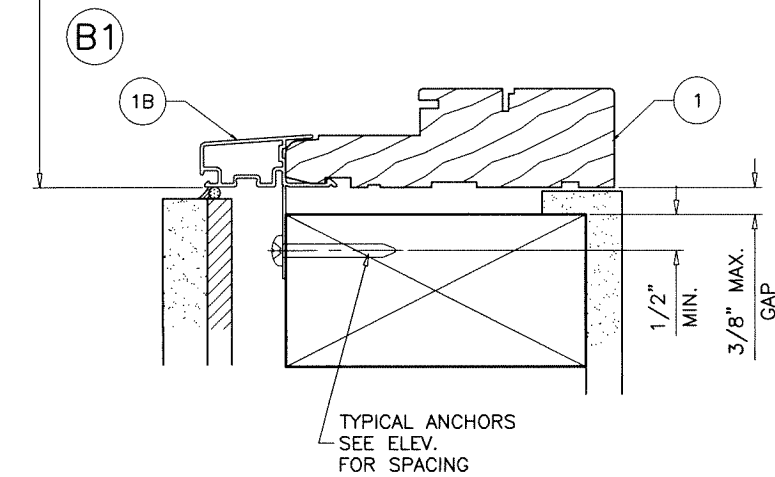
TYPICAL ANCHORS
SEE ELEV.
FOR SPACING



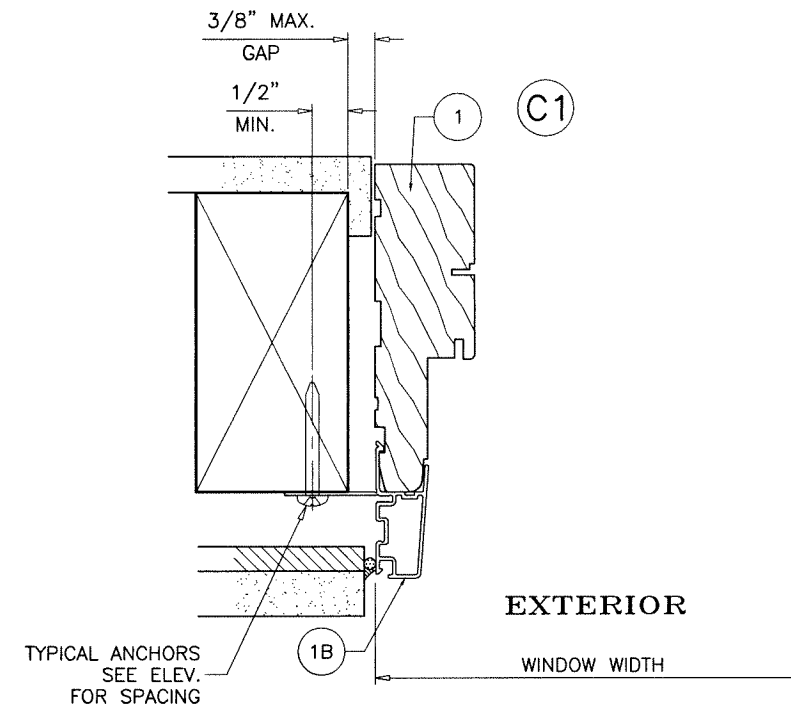
A1

WINDOW HEIGHT

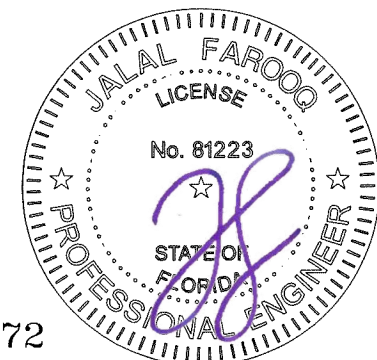
EXTERIOR



INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
1-1/4" MIN. PENETRATION INTO WOOD



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revisions:	no	date	by	description

date: 02-26-26

scale: $3/8" = 1"$

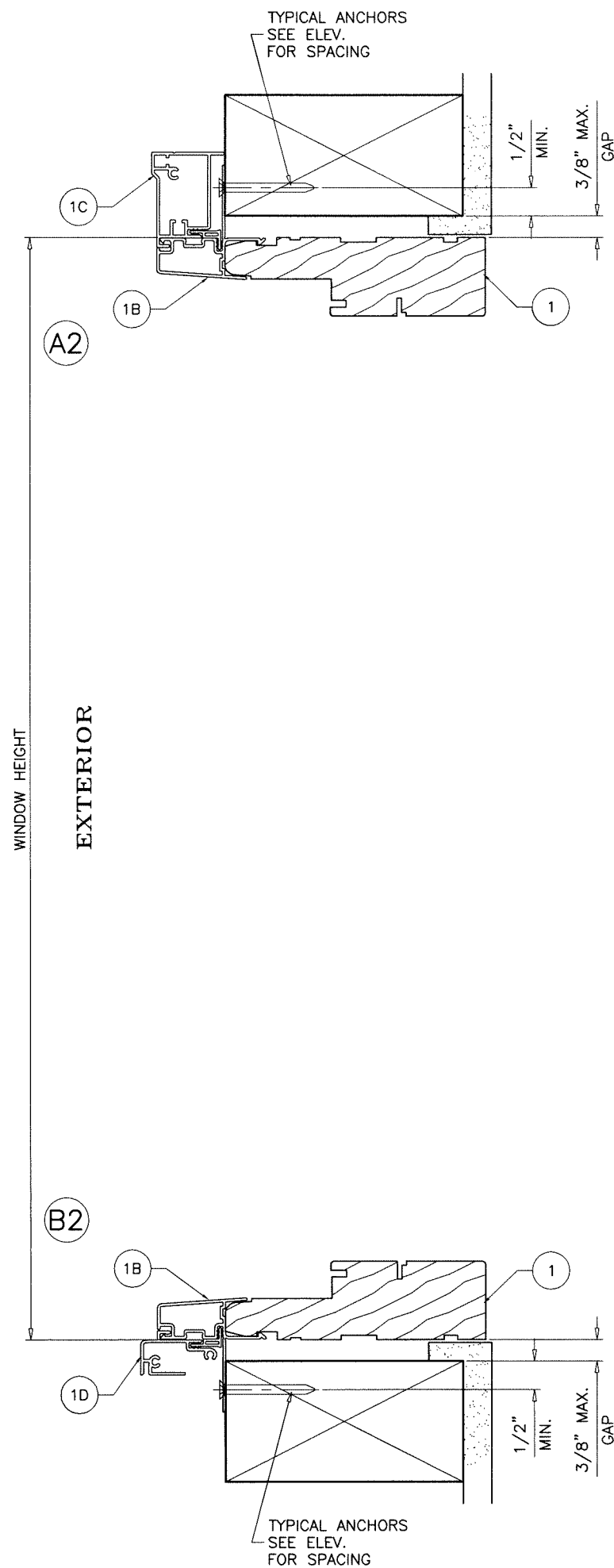
dr. by: TARIQ

chek. by:

drawing no.

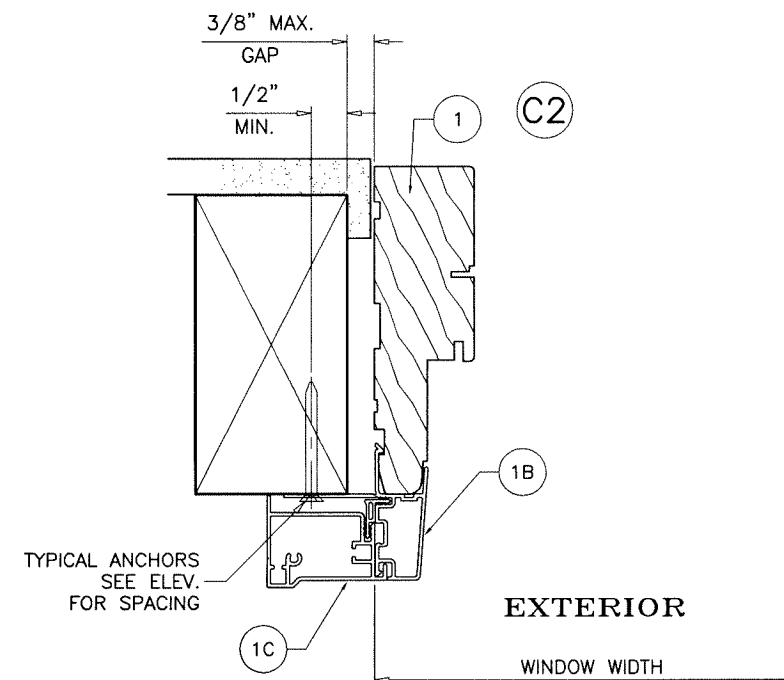
26-06F

sheet 6 of 8



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

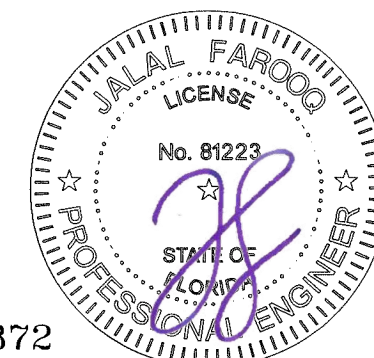
#10 WOOD SCREWS (GRADE 2 CRS)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-1/4" MIN. PENETRATION INTO WOOD



INSTALLATION DETAILS WITH NAIL-FIN AND DECORATIVE BRICK MOLD
 SEE SHEETS 4 & 5 FOR WINDOW DETAILS

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