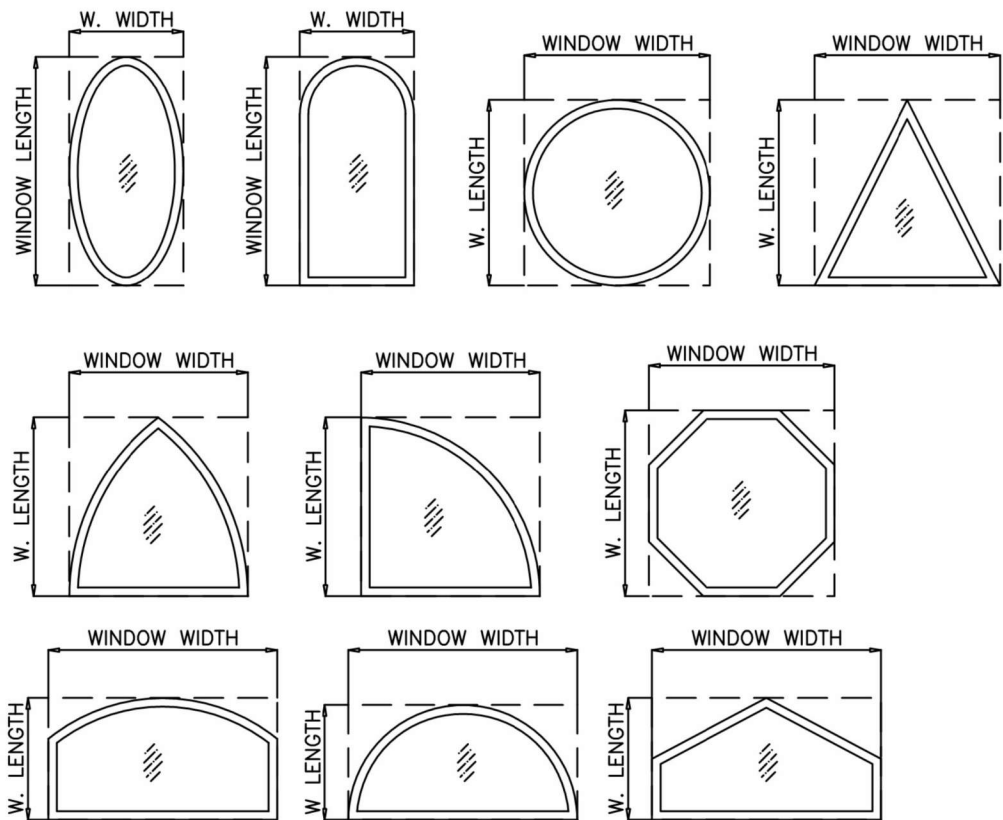
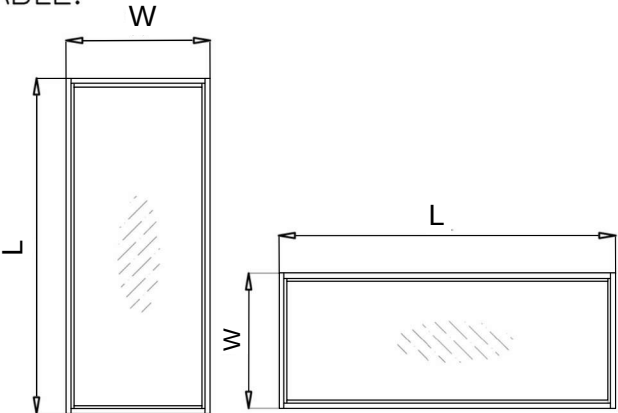


Design Load Capacity - PSF														
5/16" Lam. Glass		Window Length (in.)												
		26"	38-3/8"	48"	50-5/8"	56"	60"	63"	72"	76"	78"	84"	96"	104"
Window Width (in.)	19-1/8"	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0
	24"	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0
	26-1/2"	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0
	30"	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0
	32"	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0
	36"	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	
	37"	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0		
	42"	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0		
	48"	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0	+/-60.0				
	53-1/8"	+/-60.0	+/-60.0	+/-60.0	+/-56.9	+/-54.2	+/-54.2	+/-54.2						
	54"	+/-60.0	+/-60.0	+/-60.0	+/-53.3	+/-53.3	+/-53.3							
	60"	+/-60.0	+/-60.0	+/-60.0	+/-48.0	+/-48.0	+/-48.0							

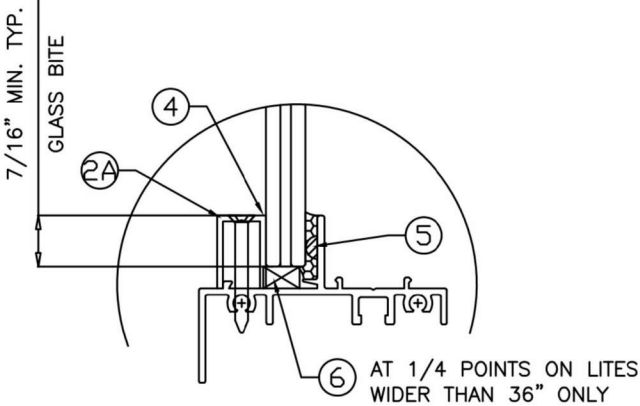
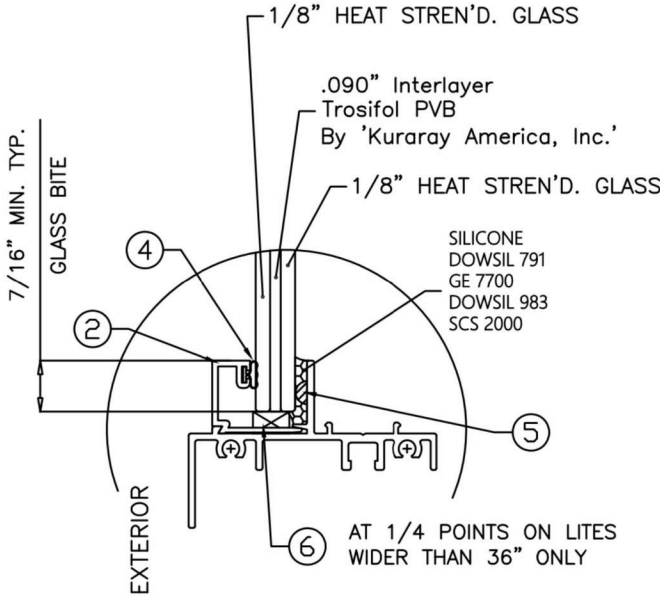
FOR SIZES NOT SHOWN, ROUND UP TO THE NEXT AVAILABLE WIDTH OR LENGTH DIMENSION SHOWN ON THE TABLE.



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.



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



GLAZING DETAILS
5/16" OVERALL LAM. GLASS

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

FL#32389.1



JAVAD AHMAD PE, inc
7875 NW 12th St., Suite 102 Doral,
FL 33126
Ph: (305) 424-8001
support@ja-pe.com

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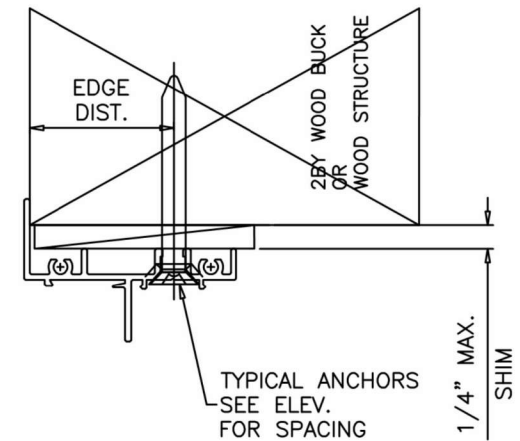
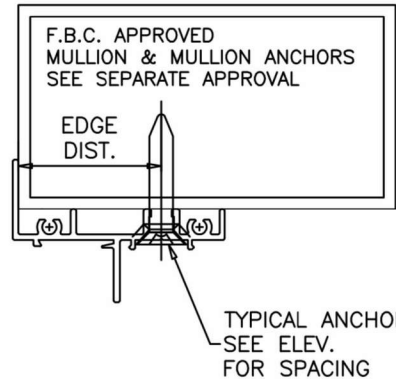
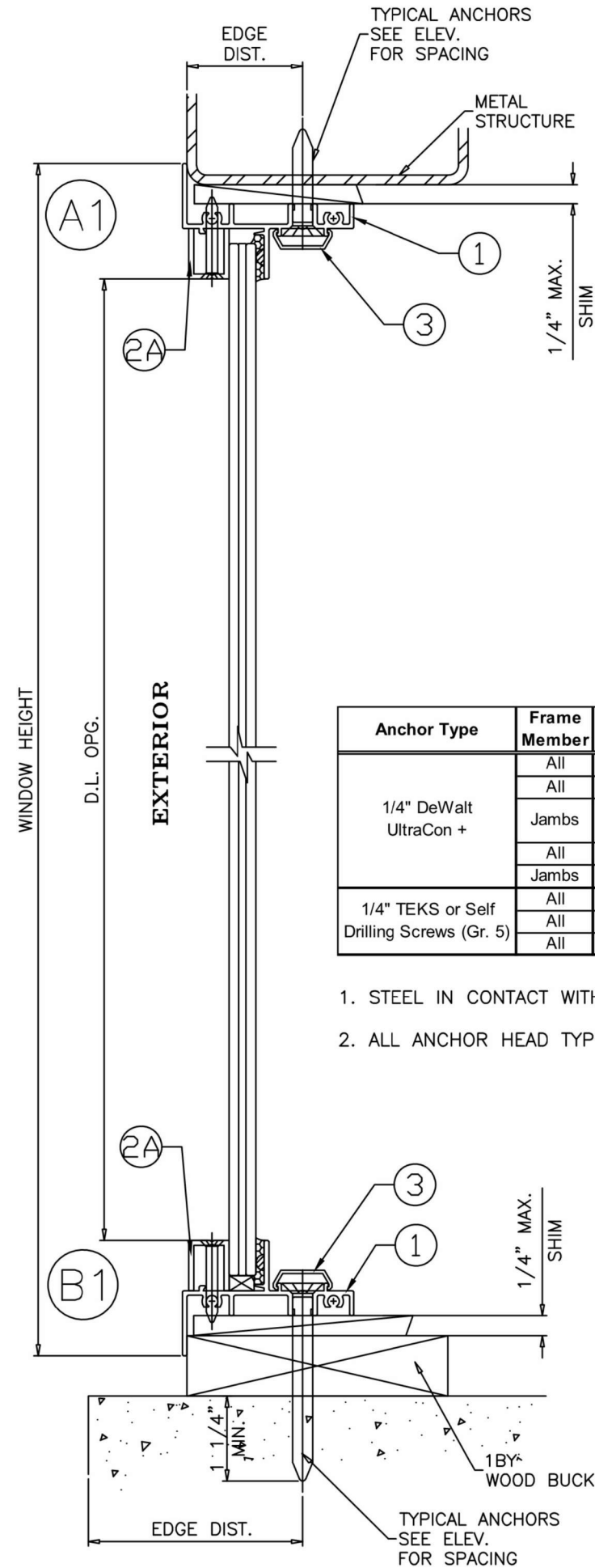
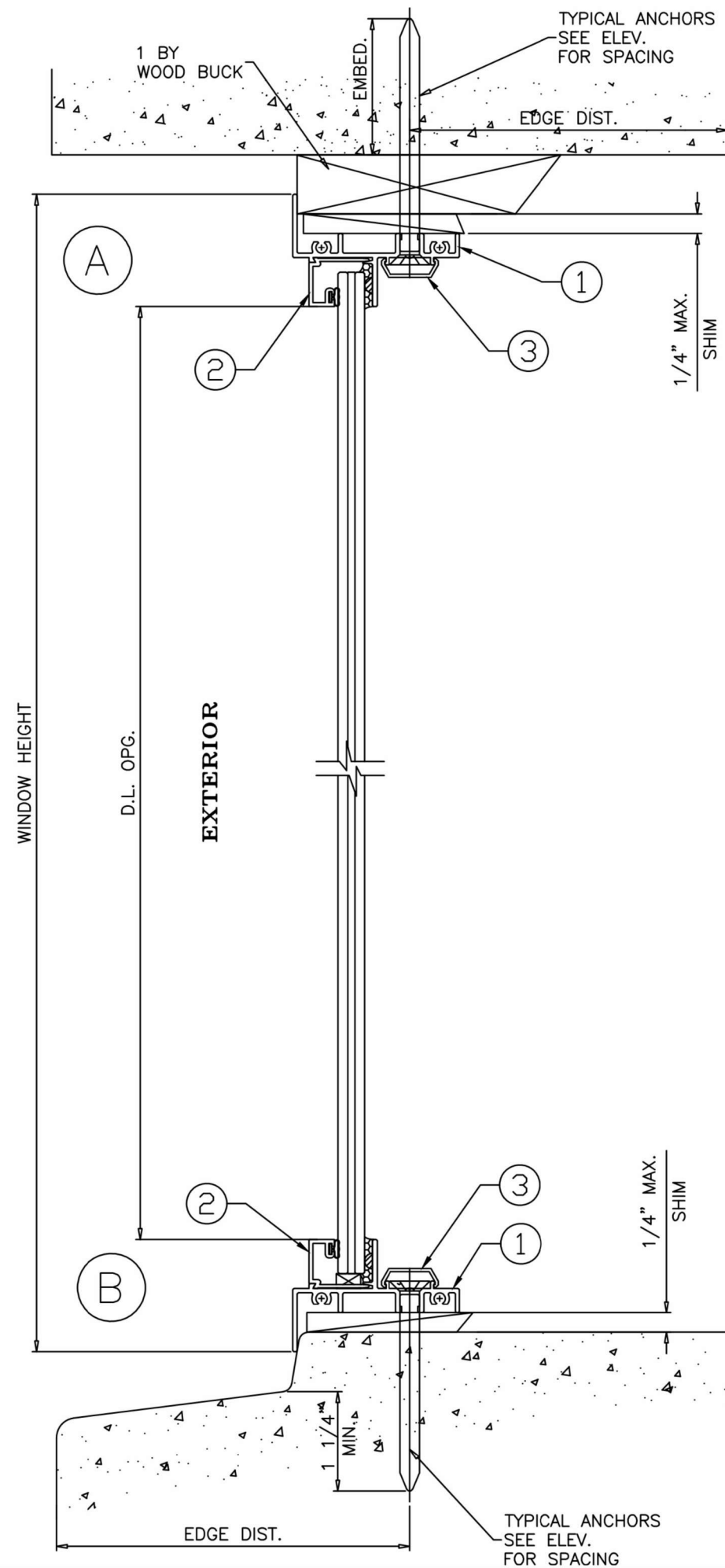
drawing no.	date:	JA-1844-24	12/30/2024	REVISION		MA	BS
				DESCRIPTION	BY		

SERIES 70-ALUMINUM FIXED WINDOW
(L.M.I & S.M.I.)
LARGE & SMALL MISSILE IMPACT RATED

ECO window systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST. MEDLEY, FL 33166
TEL. (305) 885-5299 FAX. (305) 885-5902



SEALED: 12/30/2024



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

Anchor Type	Frame Member	Substrate	Min. Edge Distance	Min. Embedment or Metal Thickness
1/4" DeWalt UltraCon +	All	Southern Pine (SG = 0.55)	1"	1-1/2"
	All	Thru 1BY Buck into Concrete (min. 3 ksi)	2-1/2"	1-1/4"
	Jambs	Thru 1BY Buck into Hollow or Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-1/4"
	All	Concrete (min. 3ksi)	2-1/2"	1-1/4"
	Jambs	Hollow or Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-1/4"
1/4" TEKS or Self Drilling Screws (Gr. 5)	All	F.B.C Approved Mullions	3/4"	(3) Threads min. beyond metal thickness
	All	Aluminum 1/8" Thk. Min. (6063-T5)	3/4"	(3) Threads min. beyond metal thickness
	All	Steel 1/8" Thk. Min. (min. 36 ksi)	3/4"	(3) Threads min. beyond metal thickness

1. STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED
2. ALL ANCHOR HEAD TYPES ARE ACCEPTABLE

FL#32389.1



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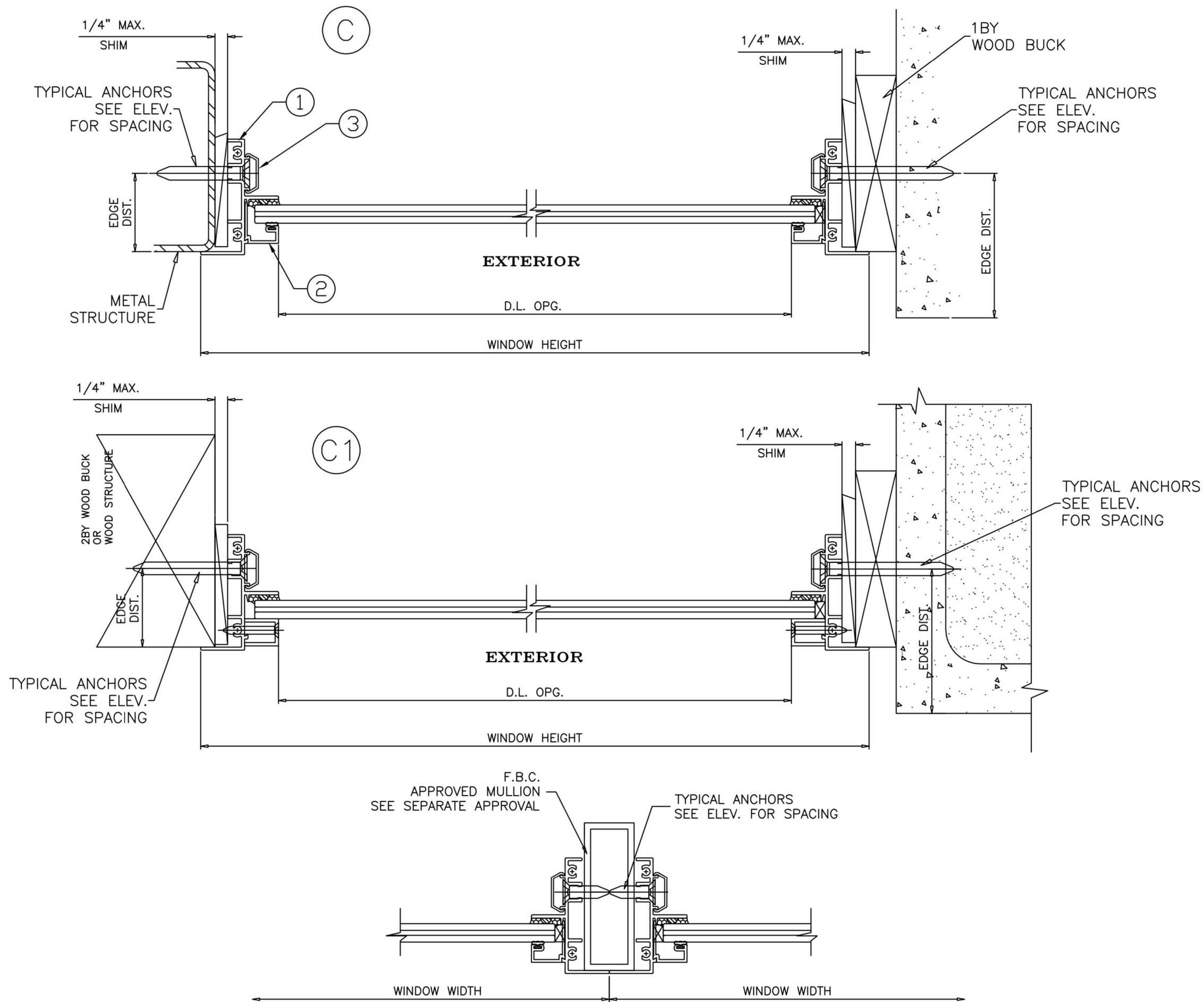
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SEALED: 12/30/2024

03

03 of 06



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JA-1844-24			
date:	revision	DESCRIPTION	
12/30/2024	BY		
	DATE		
	No.		

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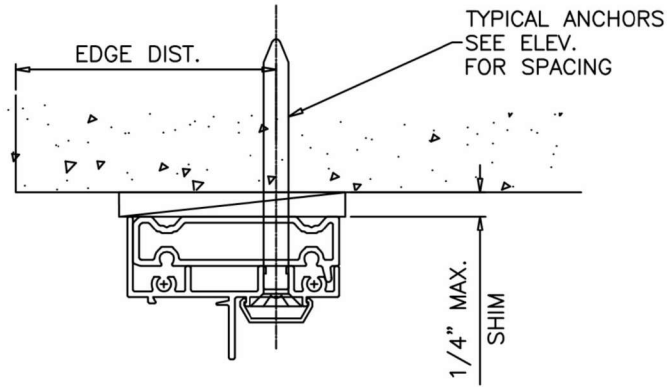
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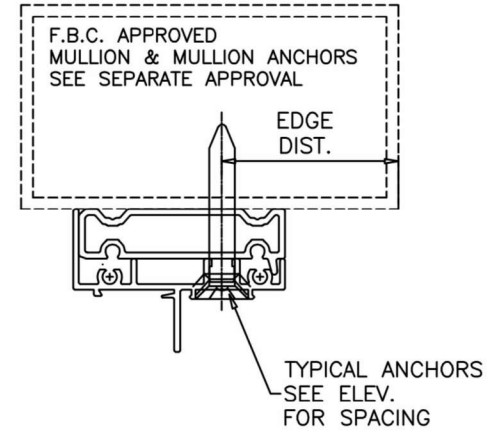
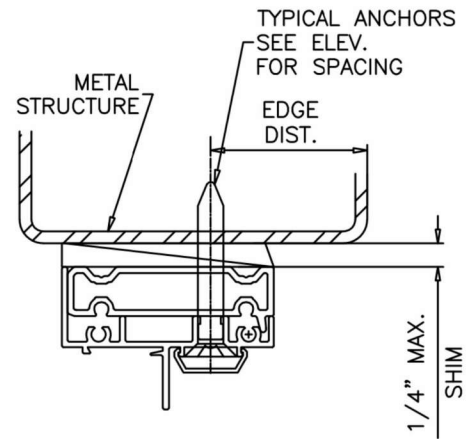
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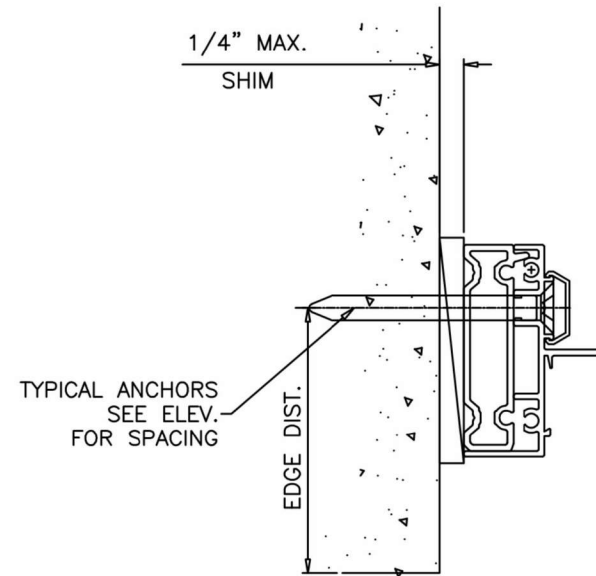
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ALT.



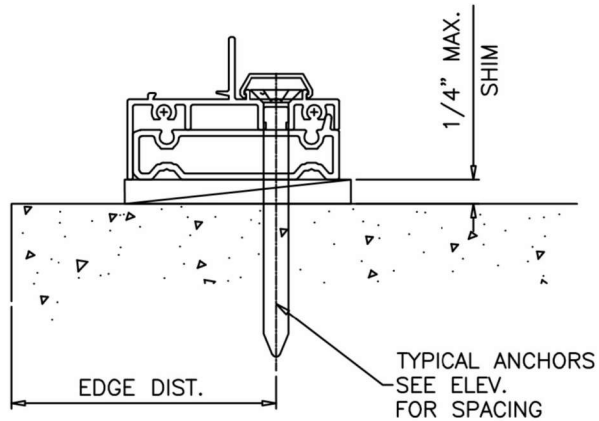
A1
ALT.



C
ALT.



B
ALT.



INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

FL#32389.1



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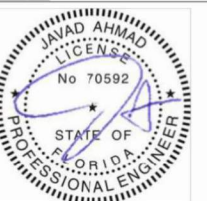
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drawing no.	date:	JA-1844-24	drawn by:	MA
		12/30/2024	check by:	BS
REVISION				
No.	DATE	BY	DESCRIPTION	

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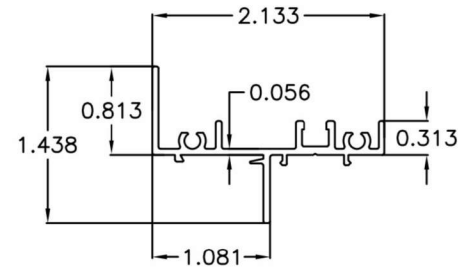
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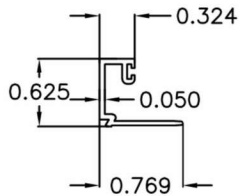
SEALED: 12/30/2024

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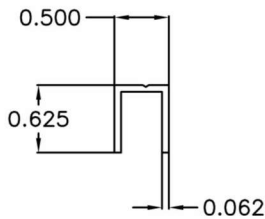
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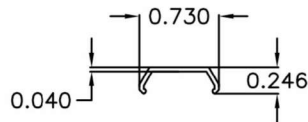
1 WINDOW FRAME



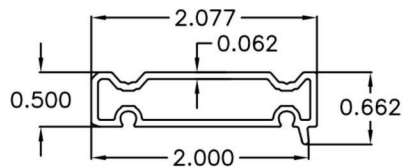
2 GLAZING BEAD
(RECT. OR SQUARE WDW.)



2A GLAZING BEAD
(CIRCULAR WDW.)



3 SCREW COVER

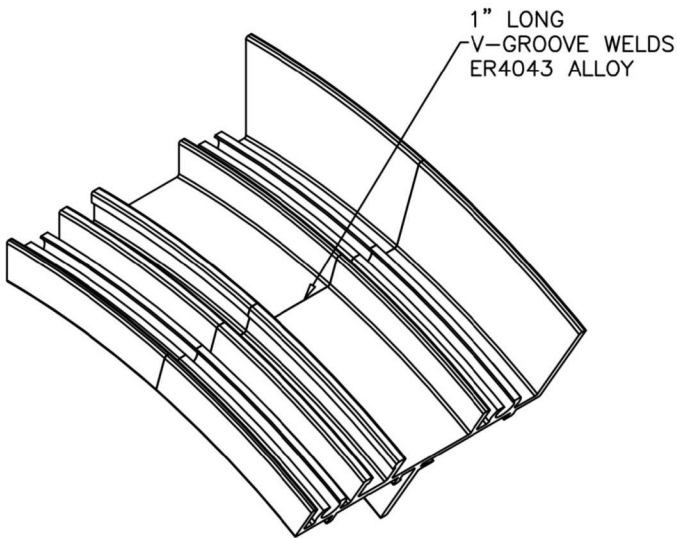


9 FLUSH FRAME ADAPTER

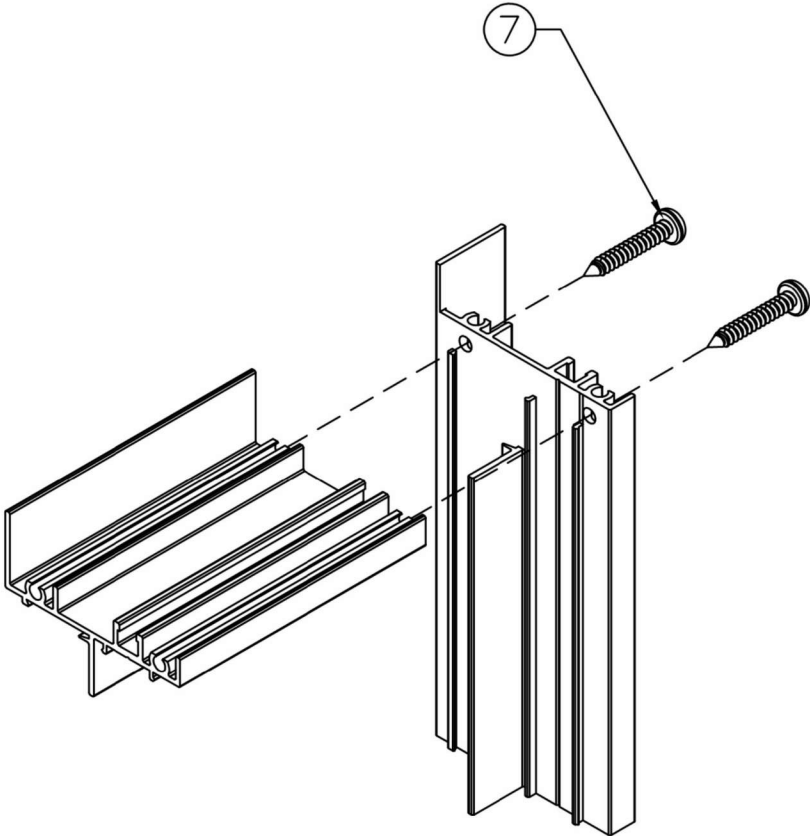
ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E71	4	WINDOW FRAME	6063 - T6	-
2	E58	4	GLAZING BEAD (RECT. OR SQUARE WDW.)	6063 - T6	-
2A	E72	4	GLAZING BEAD (CIRCULAR WDW.)	6063 - T6	-
3	E162	AS REQD.	SCREW COVER	RIGID PVC	-
4	E203	AS REQD.	GLAZING BEAD BULB	SANTOPRENE	ULTRAFAB, DUROMETER 65±5
5	FLB-50	AS REQD.	GLASS SPACER	SILICONE	FRANK LOWE
6	-	2/LITE	SETTING BLOCK	EPDM	DUROMETER 80±5 SHORE A
7	#8 X 1"	AS REQD.	FRAME ASSEMBLY SCREWS	ST/ST	P.H. SMS
8	#8 X 1"	AS REQD.	GLAZING BEAD FASTENERS, AT 3" FROM ENDS & 12" O.C.	ST/ST	F.H. SMS
9	E60	-	FLUSH FRAME ADAPTER	6063 - T6	OPTIONAL

SEALANT:

ALL JOINT AND FRAME CONNECTIONS SEALED WITH JOINT SEALER.



CIRCULAR WINDOWS



RECT. OR SQUARE WINDOWS



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