

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.

SERIES–350
ALUMINUM FIXED WINDOW (L.M.I.)

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF FIXED/FIXED OR FIXED WITH OTHER WINDOW (UNDER SEPARATE APPROVAL) 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.
AHJ TO REVIEW SUCH APPLICATION AND VERIFY TRIBUTARY LOAD AND END LOAD ANCHORS.

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 3.

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 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.

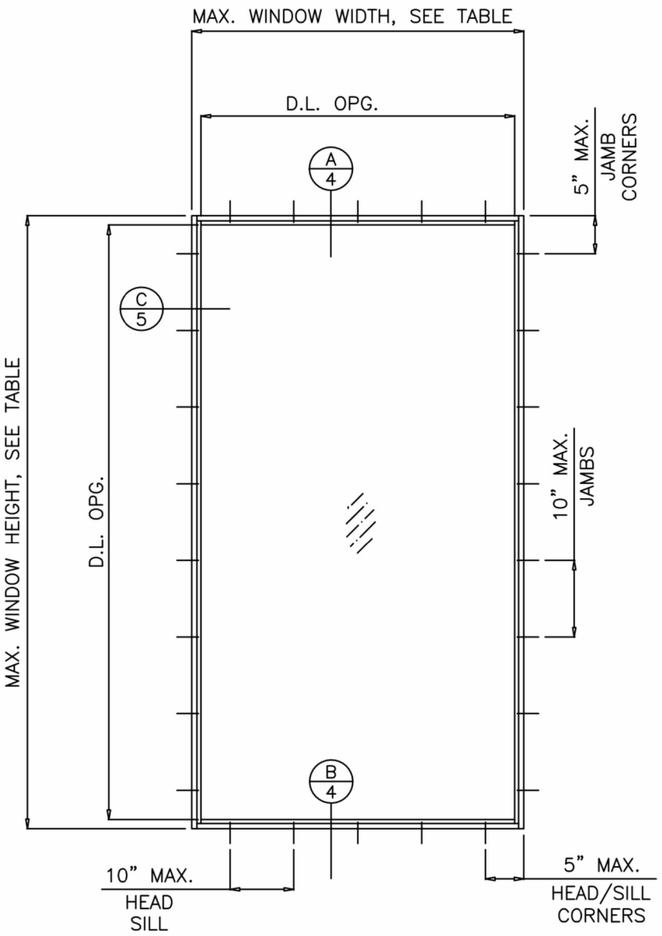
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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



TYPICAL ELEVATION

GLASS D.L.O. DIMS.
D.L.O. HEIGHT = WINDOW HEIGHT – 3.625"
D.L.O. WIDTH = WINDOW WIDTH – 3.625"

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

ALL TEMPERED AND/OR LAMINATED GLASS OPTIONS IN THIS APPROVAL HAVE BEEN CERTIFIED BY THE SGCC FOR COMPLIANCE TO ANSI Z97.1, CLASS A AND CPSC 16 CFR 1201, CATEGORY II. THIS INCLUDES LAMINATED GLASS THAT IS MANUFACTURED WITH ANNEALED GLASS PLIES. FOR APPLICATIONS WHERE THE WINDOW IS BEING USED AS A GUARD, HEAT STRENGTHENED OR TEMPERED LAMINATED GLASS MUST BE USED.

FL#32389.5

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

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

drawing no. JA-1844-24
date: 12/30/2024
drawn by: MA
check by: BS

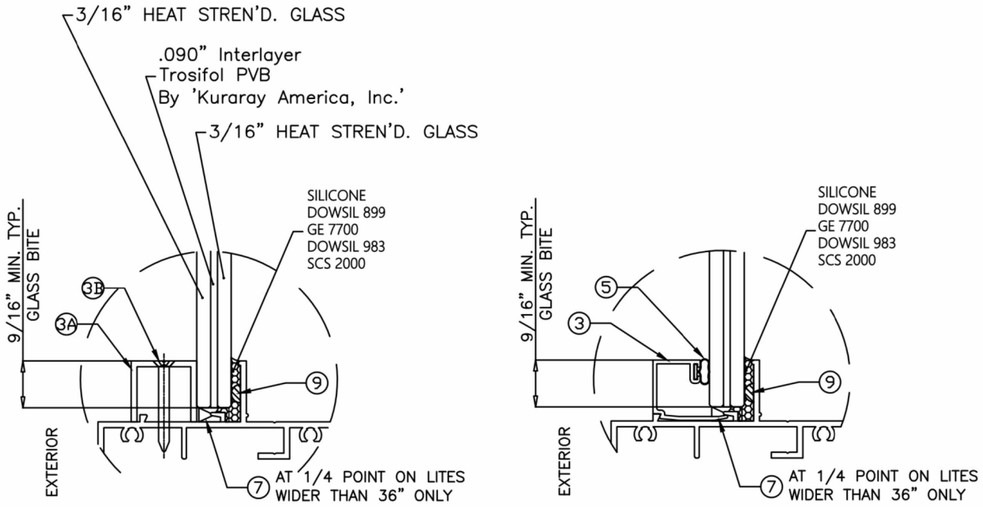
REVISION

No.	DATE	BY	DESCRIPTION

SERIES 350: ALUMINUM FIXED WINDOW (L.M.I.)
LARGE MISSILE IMPACT RATED

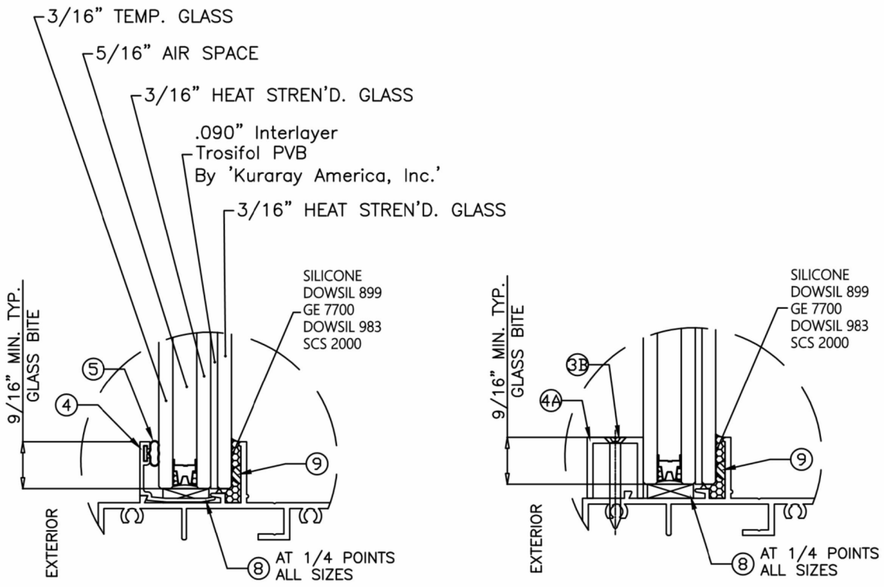
ECO window systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST. MEDLEY, FL 33166
TEL. (305) 885-5299 FAX. (305) 885-5902

JAVAD AHMAD LICENSE No 70592 STATE OF FLORIDA PROFESSIONAL ENGINEER
SEALED: 12/30/2024



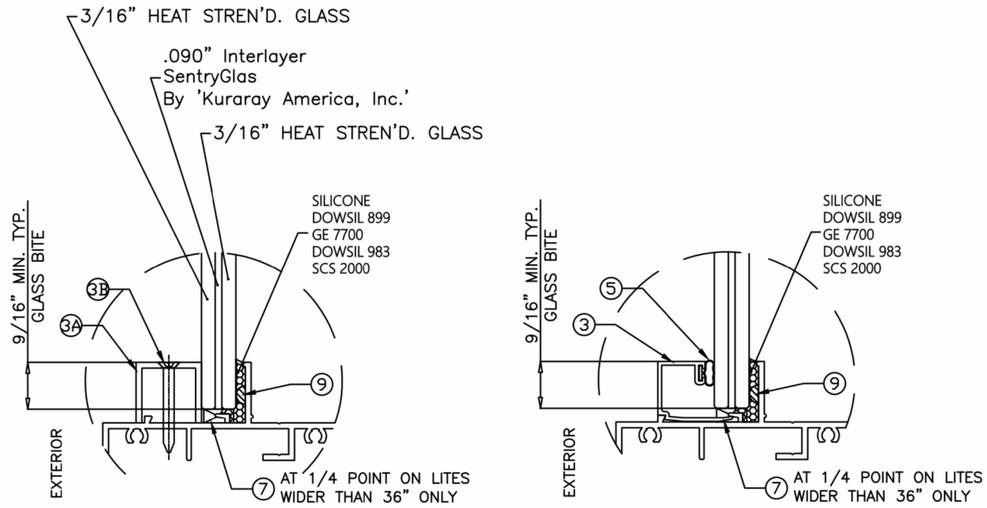
GLASS TYPE 'G2'

7/16" OVERALL LAM. GLASS



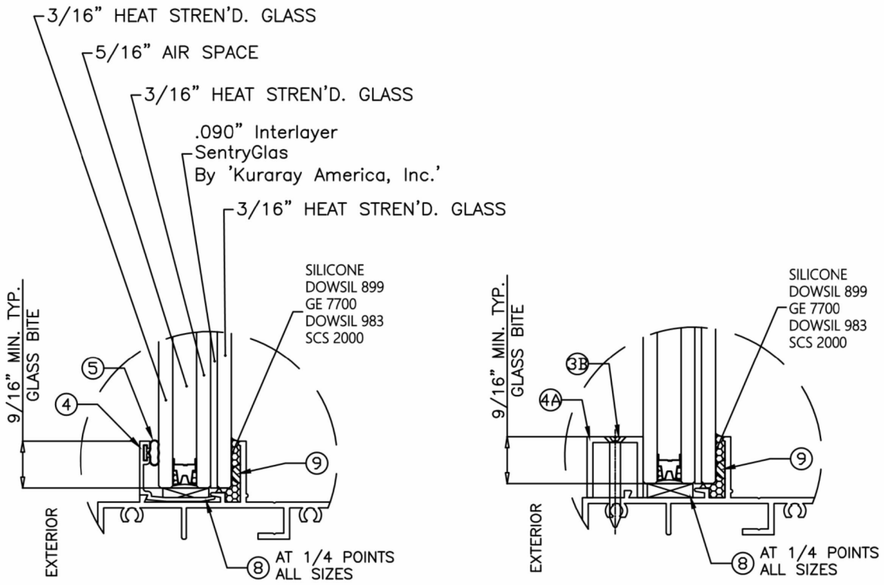
GLASS TYPE 'G2i'

15/16" OVERALL INSUL. LAM. GLASS



GLASS TYPE 'G1'

7/16" OVERALL LAM. GLASS



GLASS TYPE 'G1i'*

15/16" OVERALL INSUL. LAM. GLASS

*

NOTE:
EXTERIOR PLY OF GLASS TYPE 'G1i' MUST BE TEMPERED TO QUALIFY FOR SMALL MISSILE IMPACT LOCATION.

GLAZING OPTIONS

FL#32389.5

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drawing no. JA-1844-24 | drawn by: MA
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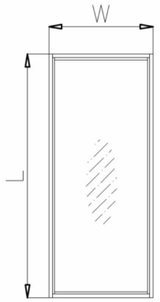
SEALED: 12/30/2024

Design Load Capacity - PSF

Window Width (W)	Glass Type	Window Length (L)																																			
		38-3/8"		42"		48"		50-5/8"		54"		60"		63"		66"		72"		74-1/4"		78"		84"		90"		96"		102"		103-1/4"		108"		114"		120"	
19-1/8"	G1	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0
	G1i	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
24"	G1	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0
	G1i	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
26-1/2"	G1	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+75.0	-75.0
	G1i	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
30"	G1	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+75.0	-75.0
	G1i	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
32"	G1	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
	G1i	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	-	-	-	-	-	-	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
36"	G1	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
	G1i	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	-	-	-	-	-	-	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
37	G1	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
	G1i	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	-	-	-	-	-	-	-	-	-	-	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
42"	G1	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
	G1i	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	+75.0	-105.0	-	-	-	-	-	-	-	-	-	-	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
48"	G1	+80.0	-90.0	+80.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
	G1i	+75.0	-105.0	+75.0	-105.0	+65.6	-91.9	+65.6	-91.9	+65.6	-91.9	+65.6	-91.9	+65.6	-91.9	+65.6	-91.9	+65.6	-91.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	-	-	-	-	-	-	-	-
53-1/8"	G1	+80.0	-90.0	+80.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-87.8	+75.0	-89.3	+75.0	-89.3	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
	G1i	+75.0	-105.0	+75.0	-105.0	+65.6	-91.9	+62.2	-87.1	+58.3	-81.7	+59.3	-83.0	+59.3	-83.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+71.1	-71.1	+66.7	-66.7	+67.8	-67.8	+67.8	-67.8	+66.7	-66.7	+67.8	-67.8	+67.8	-67.8	+66.7	-66.7	+66.7	-66.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
54"	G1	+80.0	-90.0	+80.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-87.8	+75.0	-87.8	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0
	G1i	+75.0	-105.0	+75.0	-105.0	+65.6	-91.9	+62.2	-87.1	+58.3	-81.7	+58.3	-81.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+71.1	-71.1	+66.7	-66.7	+66.7	-66.7	+66.7	-66.7	+66.7	-66.7	+66.7	-66.7	+66.7	-66.7	+66.7	-66.7	+66.7	-66.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-
60"	G1	+80.0	-90.0	+80.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-87.8	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	-	-	-	-
	G1i	+75.0	-105.0	+75.0	-105.0	+65.6	-91.9	+62.2	-87.1	+58.3	-81.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+71.1	-71.1	+66.7	-66.7	+60.0	-60.0	+60.0	-60.0	+60.0	-60.0	+60.0	-60.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63"	G1	+80.0	-90.0	+80.0	-90.0	+75.0	-90.0	+75.0	-90.0	+75.0	-87.8	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	-	-	-	-	-	-
	G1i	+75.0	-105.0	+75.0	-105.0	+65.6	-91.9	+62.2	-87.1	+58.3	-81.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+71.1	-71.1	+66.7	-66.7	+60.0	-60.0	+57.1	-57.1	+56.9	-56.9	+56.9	-56.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
63-1/4"	G1	+80.0	-90.0	+80.0	-90.0	+75.0	-90.0	+75.0	-87.8	+75.0	-87.8	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	-	-	-	-	-	-
	G1i	+75.0	-105.0	+75.0	-105.0	+65.6	-91.9	+58.3	-81.7	+58.3	-81.7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+66.7	-66.7	+66.7	-66.7	+60.0	-60.0	+56.9	-56.9	+56.9	-56.9	+56.9	-56.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
66"	G1	+80.0	-90.0	+80.0	-90.0	+75.0	-90.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+71.9	-71.9	+71.9	-71.9	+71.9	-71.9	+71.9	-71.9	+71.9	-71.9	+71.9	-71.9	+71.9	-71.9	+71.9	-71.9	-	-	-	-	-	-	-	-
	G1i	+75.0	-105.0	+75.0	-105.0	+65.6	-91.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+66.7	-66.7	+66.7	-66.7	+60.0	-60.0	+54.5	-54.5	+54.5	-54.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
72"	G1	+80.0	-90.0	+80.0	-90.0	+75.0	-90.0	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+71.9	-71.9	+71.9	-71.9	+65.9	-65.9	+65.9	-65.9	+65.9	-65.9	+65.9	-65.9	+65.9	-65.9	-	-	-	-	-	-	-	-	-	-	-	-
	G1i	+75.0	-105.0	+75.0	-105.0	+65.6	-91.9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	G2 & G2i	+75.0	-75.0	+75.0	-75.0	+75.0	-75.0	+66.7	-66.7	+66.7	-66.7	+60.0	-60.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

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





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

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job no. JA-1844-24 | drawn by: MA
drawing no. | date: 12/30/2024 | check by: BS

REVISION

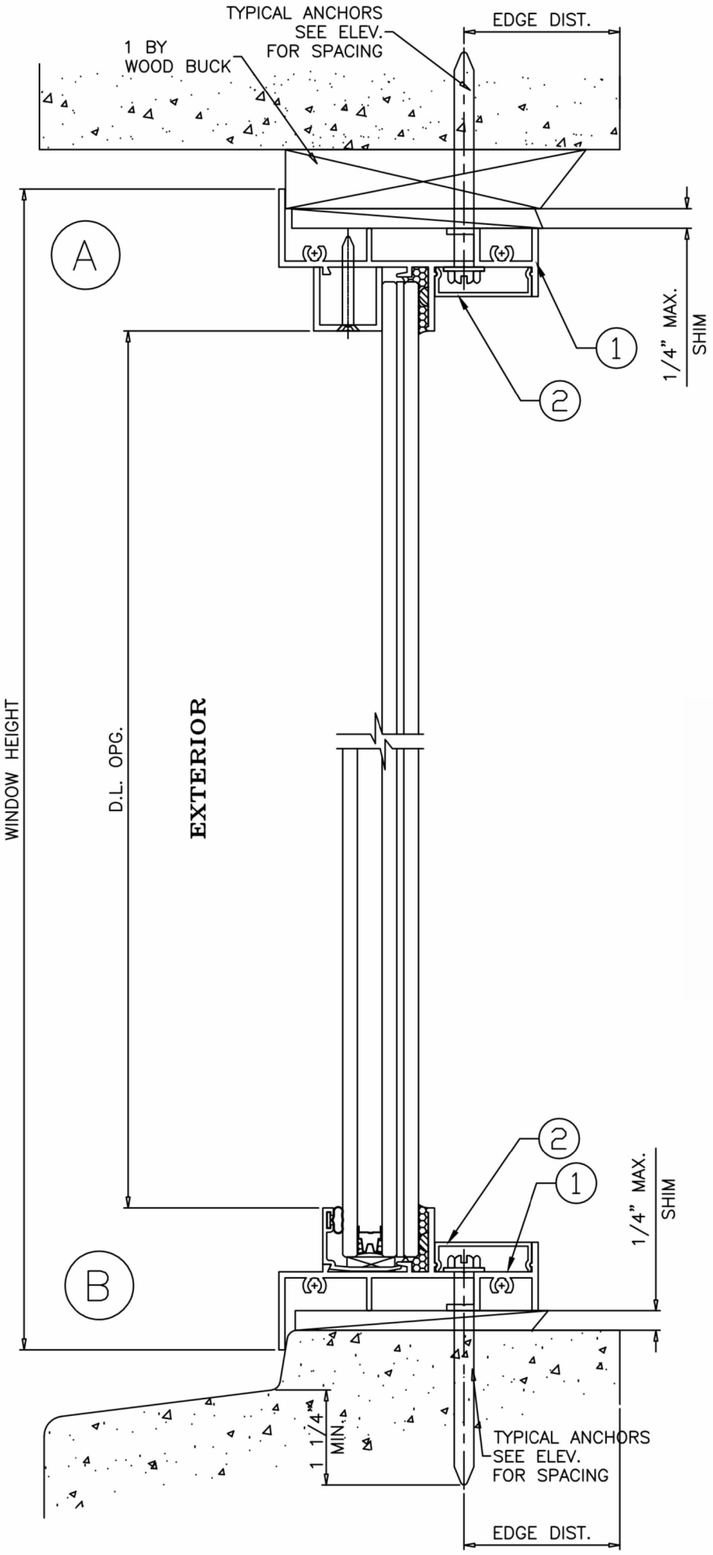
No.	DATE	BY	DESCRIPTION

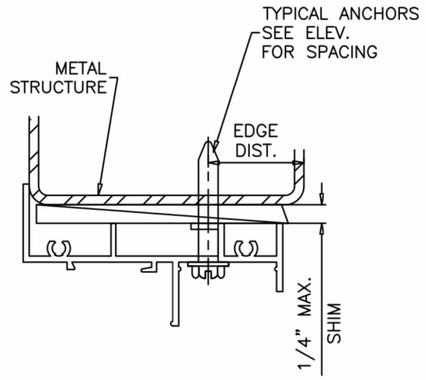
SERIES 350: ALUMINUM FIXED WINDOW (L.M.I.)
LARGE MISSILE IMPACT RATED

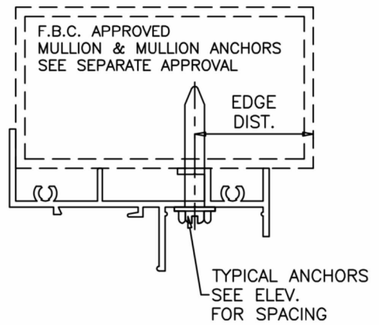
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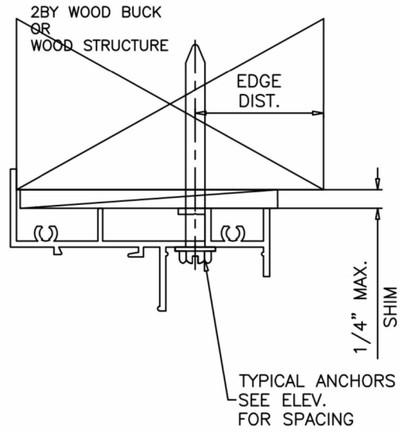
JAVAD AHMAD LICENSE No 70592 STATE OF FLORIDA PROFESSIONAL ENGINEER

SEALED: 12/30/2024







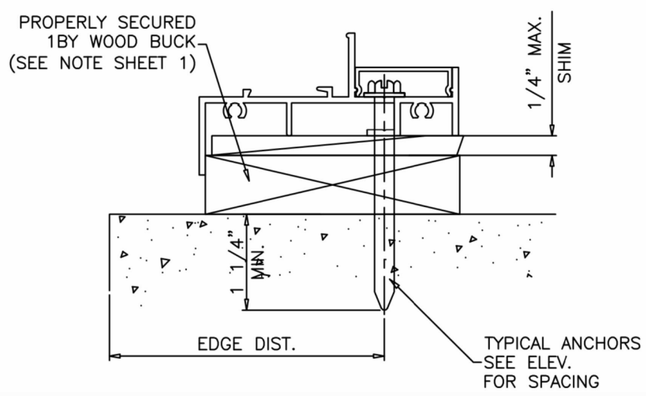


WOOD BUCKS AND METAL STRUCTURE NOT BY 'ECO WDW.' MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

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 Masonry (ASTM C90, min. 2 ksi)	2-1/2"	1-1/4"
	All	Concrete (min. 3ksi)	2-1/2"	1-1/4"
	Jambs	Filled Block (ASTM C90, min. 2 ksi)	2-1/2"	1-3/4"
#14 SMS or Self Drilling Screws (Gr. 2)	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



SEALANT:

ALL JOINT AND FRAME CONNECTIONS SEALED WITH JOINT SEALER.

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drawing no. JA-1844-24 | drawn by: MA
date: 12/30/2024 | check by: BS

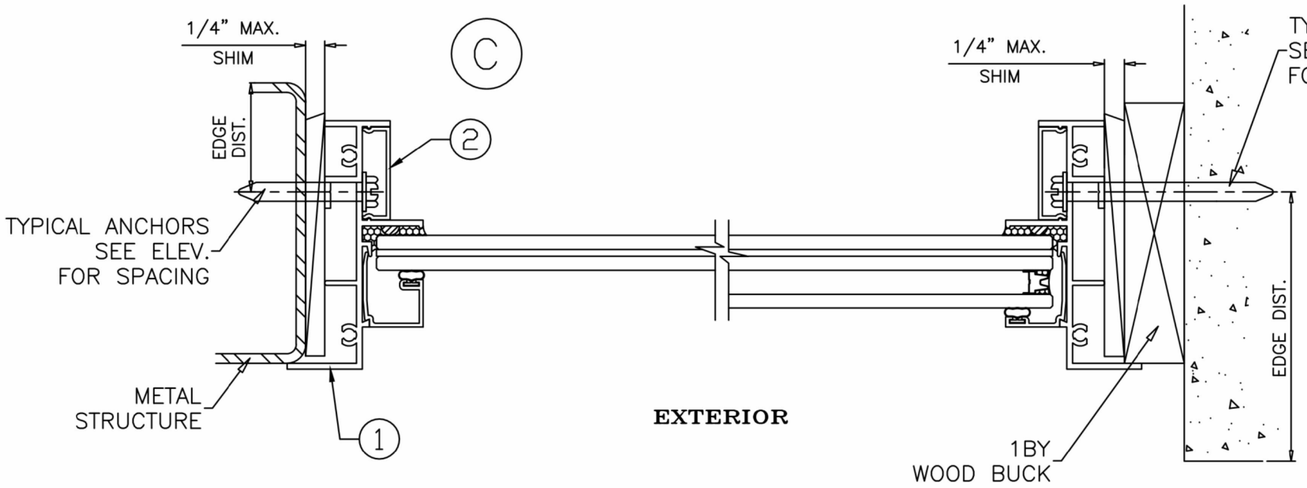
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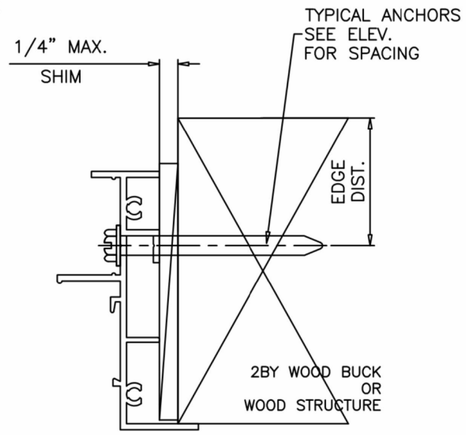
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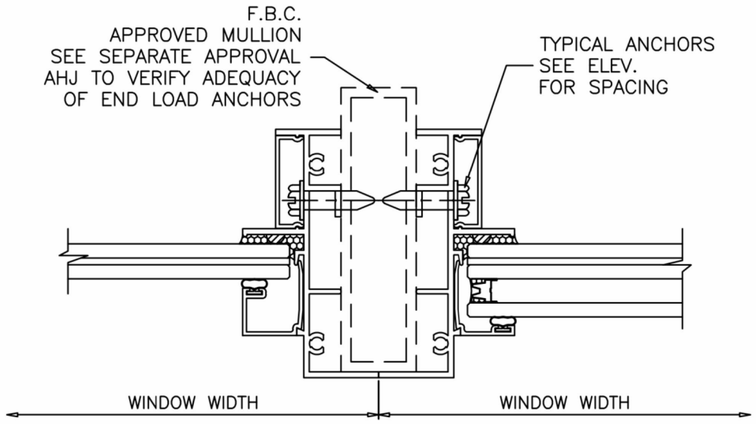
SERIES 350: ALUMINUM FIXED WINDOW (L.M.I.)
LARGE MISSILE IMPACT RATED

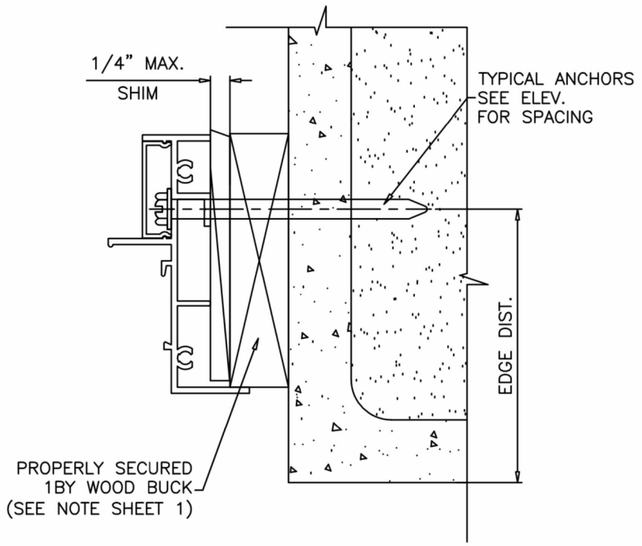
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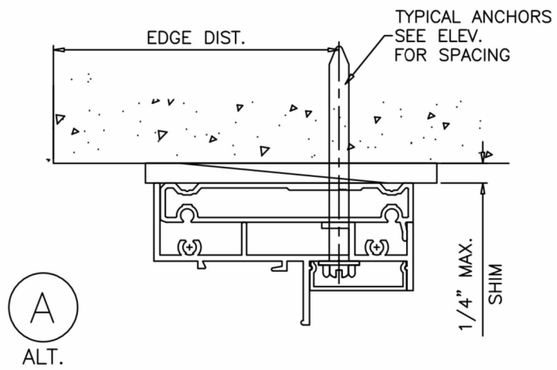
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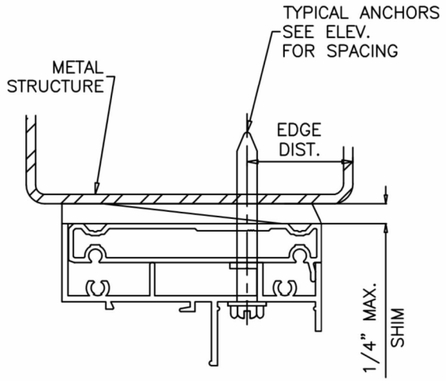
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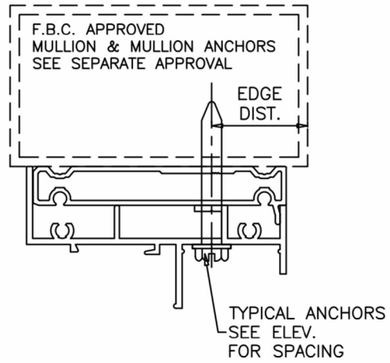
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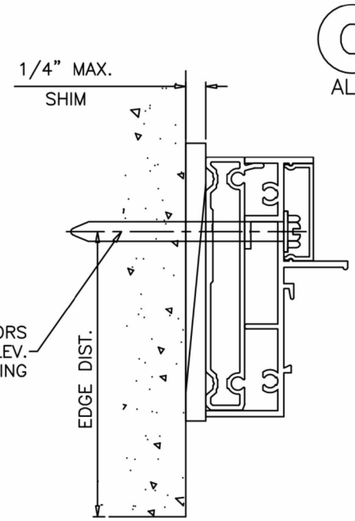
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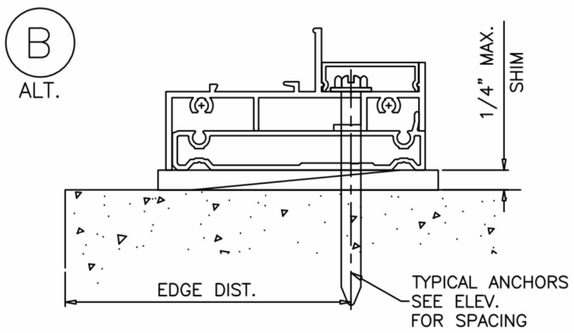
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INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

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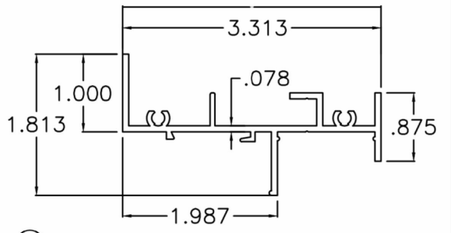
REVISION

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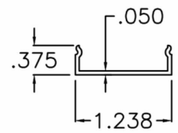
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LARGE MISSILE IMPACT RATED

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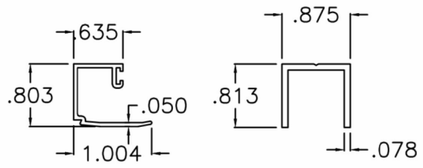
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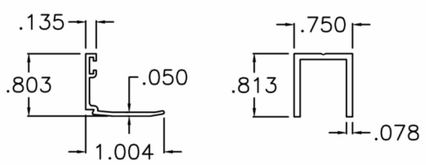
① WINDOW FRAME



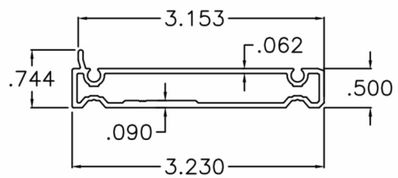
② FRAME COVER



③ GLAZING BEADS (LAM. GLASS)

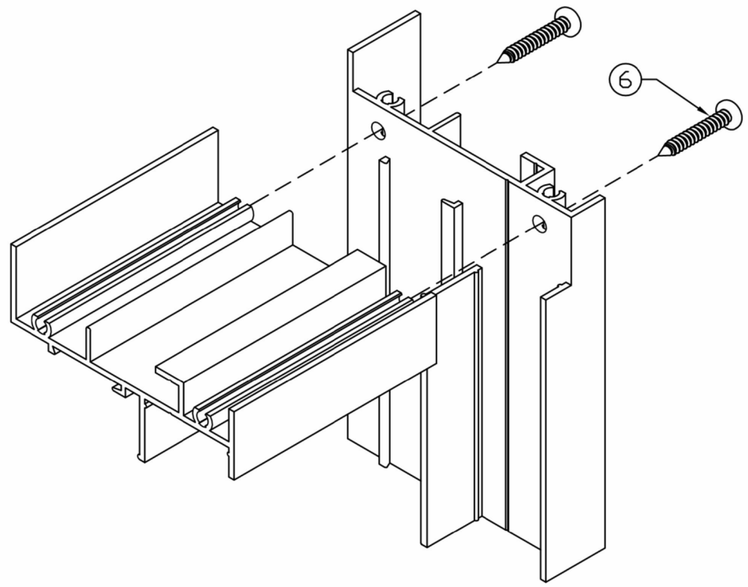


④ GLAZING BEAD (INSUL. LAM. GLASS)

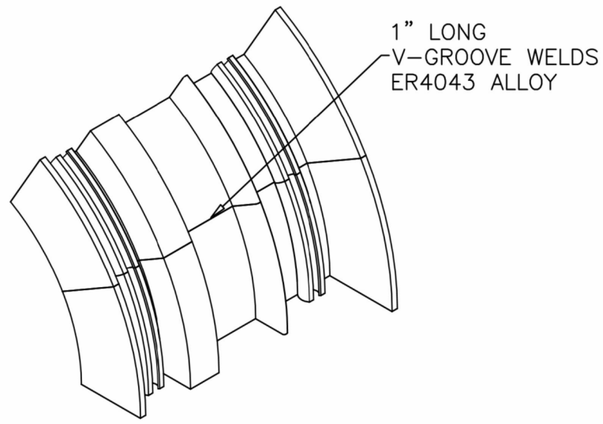


⑩ FLUSH FRAME ADAPTER

ITEM #	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E351	4	WINDOW FRAME	6063 – T6	–
2	E352	4	FRAME COVER	RIGID PVC	–
3	E353	4/ LITE	GLAZING BEAD – (LAM. GLASS)	6063 – T6	–
3A	E355	4/ LITE	GLAZING BEAD – (LAM. GLASS)	6063 – T6	–
3B	#8 X 1–1/4"	AS REQD.	BEAD FASTENERS, AT 5" FROM ENDS & 13" O.C. MAX.	ST. STEEL	FH SMS
4	E354	4/ LITE	GLAZING BEAD – (INSUL. LAM. GLASS)	6063 – T6	–
4A	–	4/ LITE	GLAZING BEAD – (INSUL. LAM. GLASS)	6063 – T6	–
5	–	AS REQD.	EXTERIOR GLAZING GASKET	VINYL	DUROMETER 70±5 SHORE A
6	#10 X 1–1/4"	2/ CORNER	ASSEMBLY FASTENERS	ST. STEEL	HWH SMS
7	–	2/ LITE	SETTING BLOCK AT 1/4 POINTS (LAM. GLASS)	EPDM	DUROMETER 80±5 SHORE A
8	–	2/ LITE	SETTING BLOCK AT 1/4 POINTS (INSUL. LAM. GLASS)	EPDM	DUROMETER 80±5 SHORE A
9	FLB–50	AS REQD.	GLASS SPACER – 1/8" HIGH	SILICONE	FRANK LOWE
10	E161	–	FLUSH FRAME ADAPTER	6063 – T6	OPTIONAL



RECT. OR SQUARE WINDOWS



CIRCULAR WINDOWS

CORNER DETAILS

FL#32389.5

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