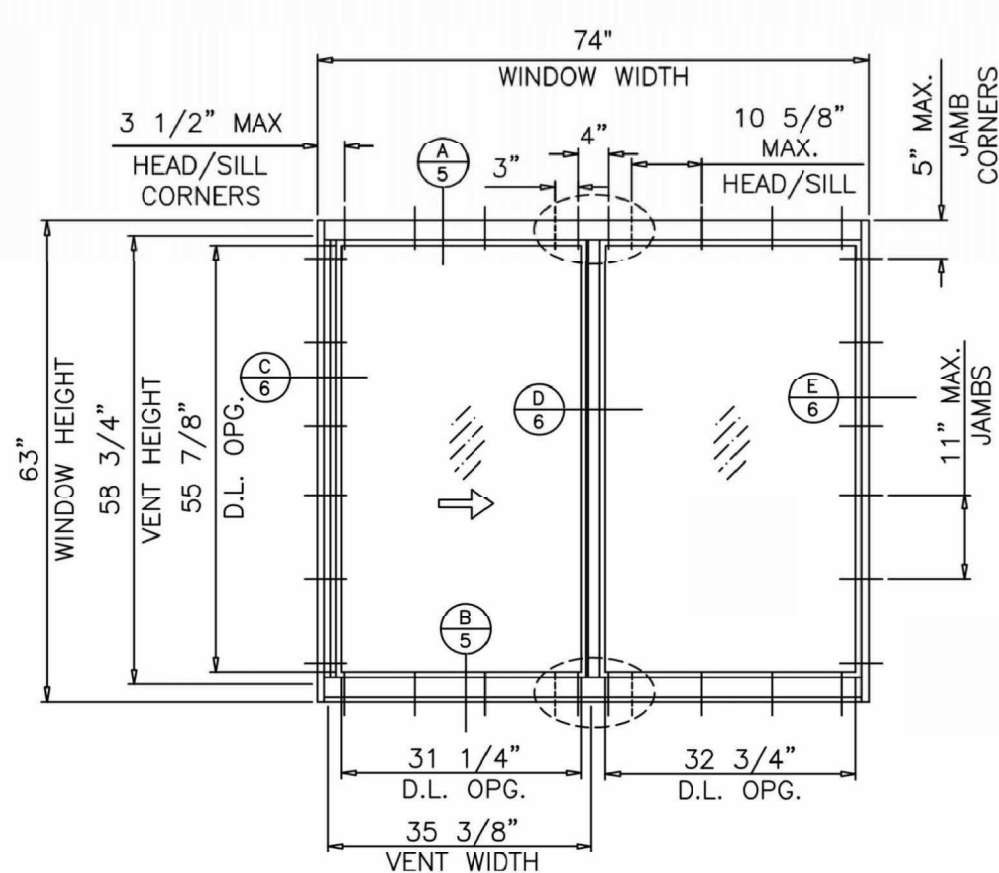
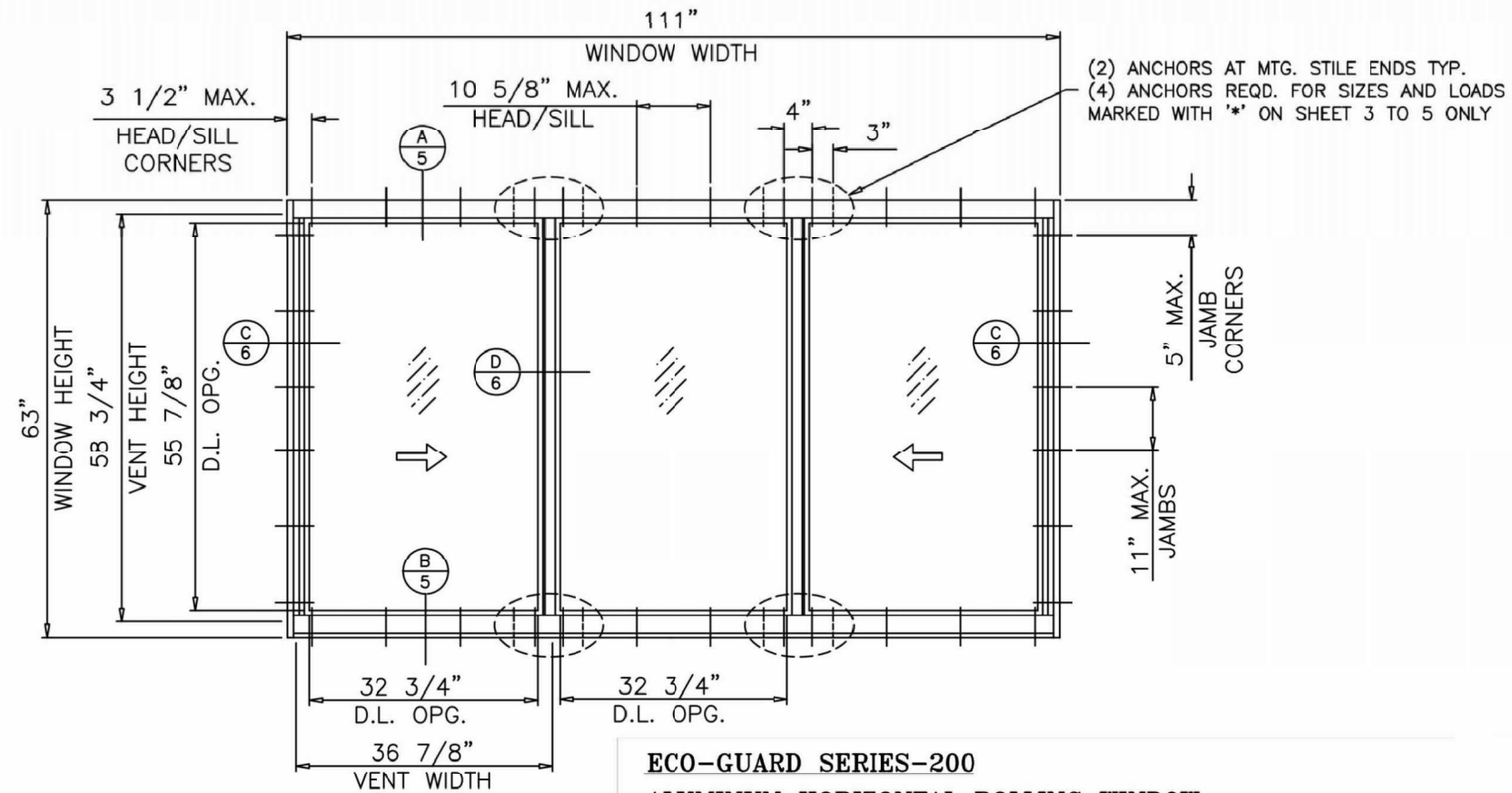




TYPICAL ELEVATIONS



ECO-GUARD SERIES-200

ALUMINUM HORIZONTAL ROLLING WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN IN SHEETS 3 TO 5.

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF H.R./H.R. OR HORIZONTAL ROLLING WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING HVHZ FPA 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 FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

SHUTTERS ARE NOT REQUIRED WHEN USED IN WIND-BORNE DEBRIS REGIONS. FOR INSULATED GLASS INSTALLATIONS ABOVE 30' IN THE HVHZ, THE OUTBOARD LITE (CAP) MUST BE TEMPERED.

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 BASE ON 'ALLOWABLE STRESS DESIGN (ASD)'.

THESE WINDOWS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.

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.



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.	AK	drawn by:	AK	check by:	Mk
date:	07/03/2025	date:	07/03/2025	date:	07/03/2025
REVISION					
No	DATE	BY	DESCRIPTION		

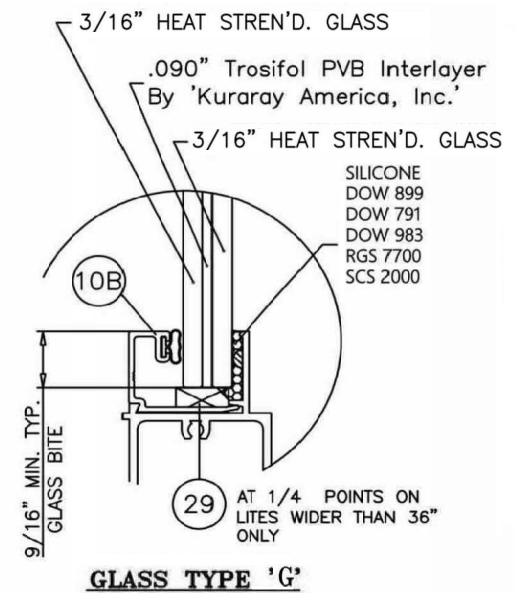
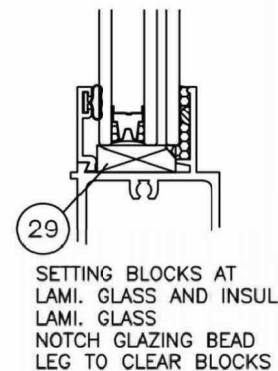
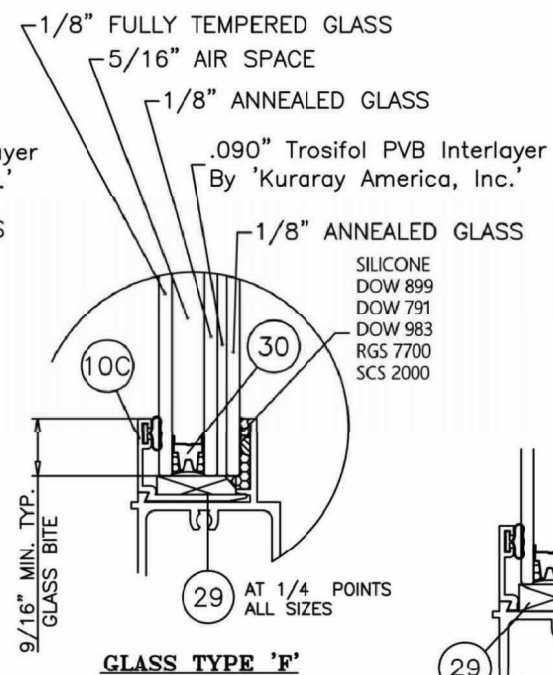
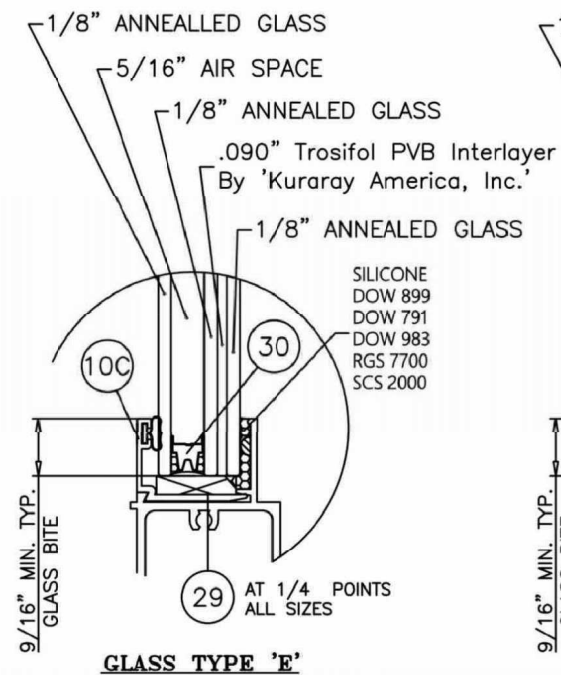
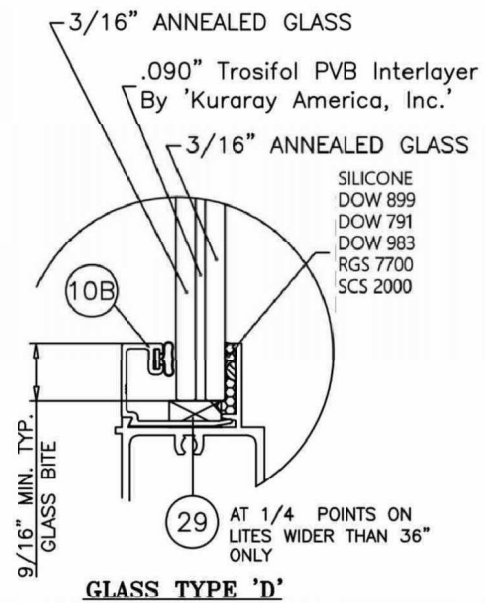
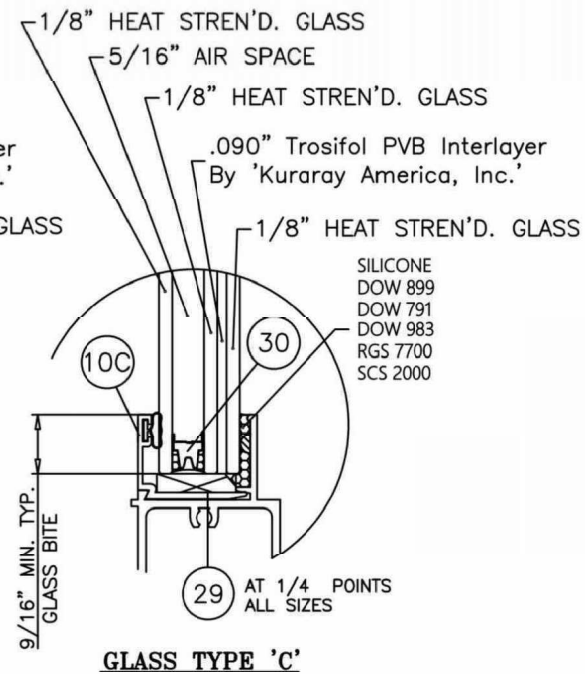
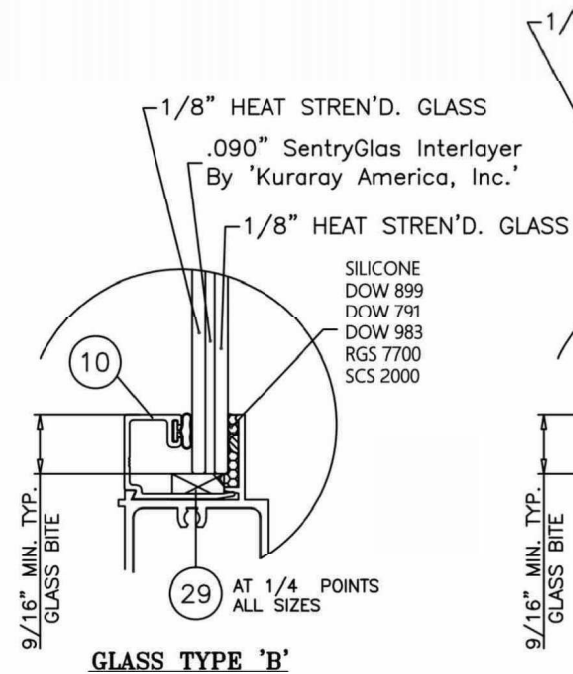
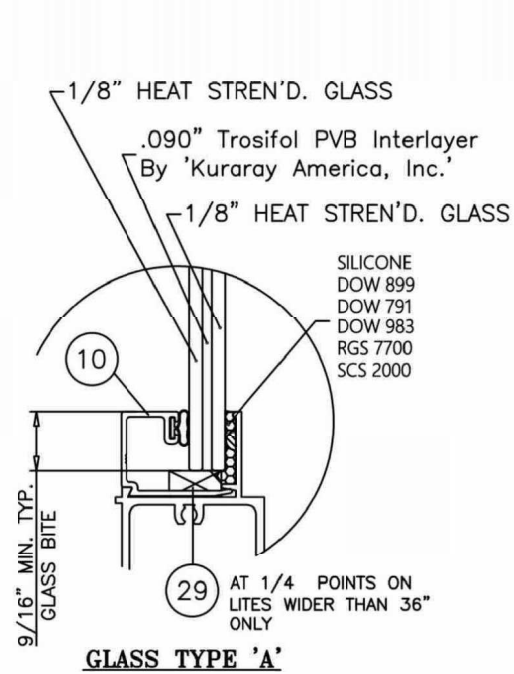
SERIES 200: ECO-GUARD ALUMINUM HORIZONTAL ROLLING WINDOW (L.M.I.) LARGE MISSILE IMPACT RATED

ECO WINDOW SYSTEMS, LLC
8502 N.W. 80th ST. MEDLEY, FL 33166
TEL. (305) 885-5298 FAX. (305) 885-5902



SEALED: 07/03/2025

FL#40097.2



GLAZING OPTIONS



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.	date:	JA-1439-25	drawn by:	AK
		07/03/2025	check by:	MK
REVISION				
No	DATE	BY	DESCRIPTION	

SERIES 200: ECO-GUARD ALUMINUM HORIZONTAL ROLLING WINDOW (L.M.I.)

LARGE MISSILE IMPACT RATED



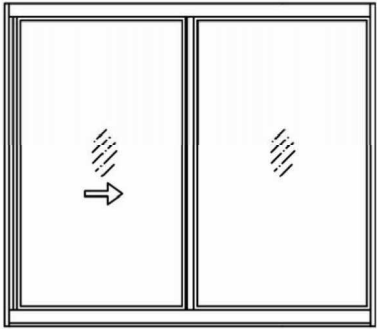
ECO WINDOW SYSTEMS, LLC
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL. (305) 885-5298 FAX. (305) 885-5902



SEALED: 07/03/2025

FL#40097.2

Glass Type A w/o Reinforcement		Design Load Capacity - PSF (XO or OX Sizes)															
Window Width (in.)	Head/Sill Anchor Qty.	Window Height (in.) / Jamb Anchor Quantity															
		24"		26"		36"		38-3/8"		48"		50-5/8"		60"		63"	
		3		3		4		4		5		5		6		6	
24"	4	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
26-1/2"	4	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
36"	4	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
37"	4	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-77.5	+70.0	-77.5
48"	6	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
53-1/8"	6	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
60"	6	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
72"	8	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
74"	8	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0



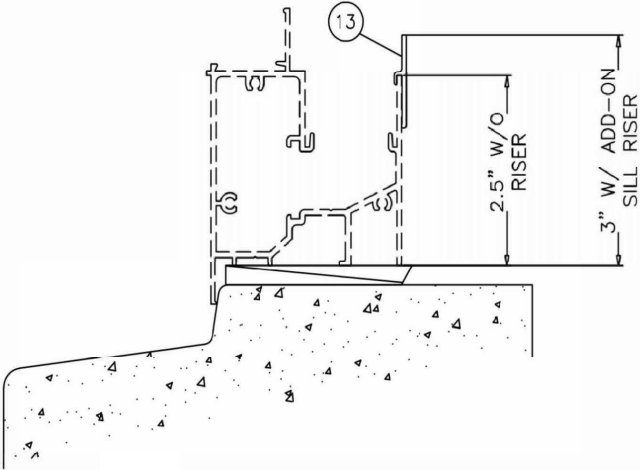
'XO OR OX'

Glass Types D, E, F & G w/o Reinforcement			Design Load Capacity - PSF (XO or OX Sizes)																	
Window Width (in.)	Head/Sill Anchor Qty.	Glass Type	Window Height (in.) / Jamb Anchor Quantity																	
			24"		26"		36"		38-3/8"		48"		50-5/8"		60"		61-1/4"		63"	
			3		3		4		4		5		5		6		6		6	
24"	4	D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
26-1/2"	4	D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
36"	4	D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
37"	4	D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
48"	6	D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
53-1/8"	6	D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
60"	6	D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+69.2	-69.2	+67.0	-67.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-76.9	+70.0	-75.7
72"	8	D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-72.5	+69.2	-69.2	+67.0	-67.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-76.9	+70.0	-75.7
74"	8	D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-69.2	+69.2	-69.2	+67.0	-67.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-76.9	+70.0	-76.9	+70.0	-75.7

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

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

ALL EXTERIOR (+) LOADS SHOWN ON THIS SHEET ARE
FROM WINDOWS WITH ADD-ON RISER AT FRAME SILL
FOR STD. SILL (NO RISER) LIMIT EXT.(+) LOADS TO 67.0 PSF
SEE SHEET ABOVE FOR DETAILS.



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.	AK	drawn by:	Mk
date:	JA-1439-25	check by:	07/03/2025
REVISION			
No	DATE	BY	DESCRIPTION

SERIES 200: ECO-GUARD ALUMINUM HORIZONTAL ROLLING WINDOW
(L.M.I.)
LARGE MISSILE IMPACT RATED

ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL. (305) 885-5298 FAX. (305) 885-5902



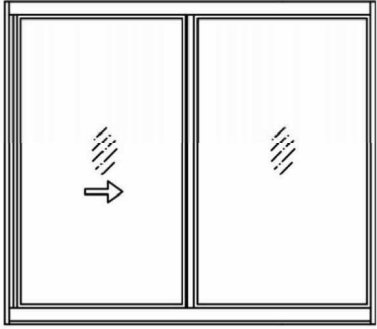
SEALED: 07/03/2025

FL#40097.2

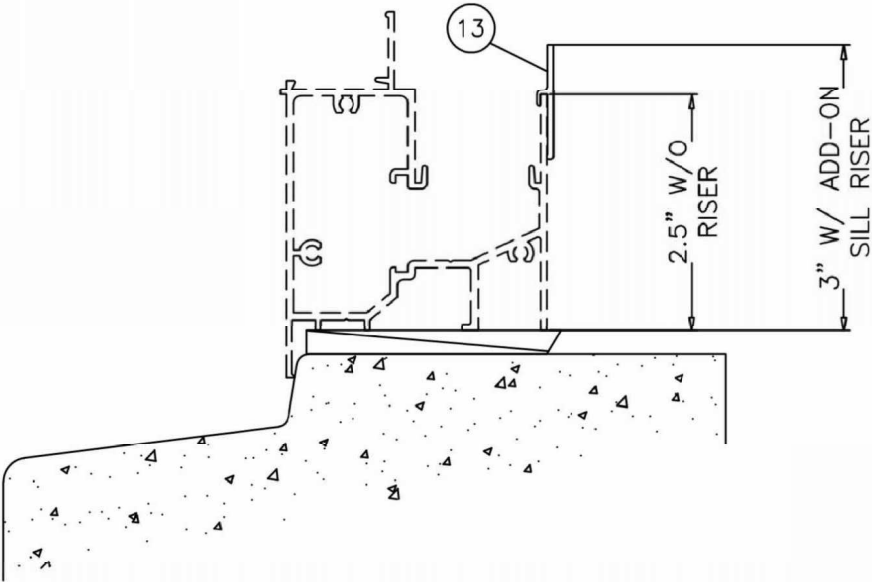
Glass Types B & C w/ Reinforcement			Design Load Capacity - PSF (XO or OX Sizes)															
Window Width (in.)	Head/Sill Anchor Qty.	Glass Type	Window Height (in.) / Jamb Anchor Quantity															
			24"		26"		36"		38-3/8"		48"		50-5/8"		60"		63"	
			3		3		4		4		5		5		6		6	
24"	4	B	+80.0	-90.0	+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
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
26-1/2"	4	B	+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
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
36"	4	B	+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
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
37"	4	B	+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
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
48"	6	B	+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
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
53-1/8"	6	B	+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
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
60"	6	B	+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	-80.4*
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
72"	8	B	+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	-87.6*	+80.0	-80.4*
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
74"	8	B	+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	-87.6*	+80.0	-80.4*
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0

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

(4) ANCHORS REQUIRED AT MEETING RAIL CLUSTERS FOR SIZES AND LOADS MARKED WITH '*'. SEE ELEVATION ON SHEET 1.



'XO OR OX'



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

ALL EXTERIOR (+) LOADS SHOWN ON THIS SHEET ARE
FROM WINDOWS WITH ADD-ON RISER AT FRAME SILL
FOR STD. SILL (NO RISER) LIMIT EXT.(+) LOADS TO 67.0 PSF
SEE SHEET ABOVE FOR DETAILS.



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.	AK	drawn by:	AK
date:	07/03/2025	check by:	MK
REVISION			
No	DATE	BY	DESCRIPTION

SERIES 200: ECO-GUARD ALUMINUM HORIZONTAL ROLLING WINDOW
(L.M.I.)
LARGE MISSILE IMPACT RATED

ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL. (305) 885-5298 FAX. (305) 885-5902



SEALED: 07/03/2025

FL#40097.2

Glass Types A, D, E, F & G w/o Reinforcement			Design Load Capacity - PSF (XOX 1/3-1/3-1/3 Sizes)															
Window Width (in.)	Head/Sill Anchor Qty.	Glass Type	Window Height (in.) / Jamb Anchor Quantity															
			24"		26"		36"		38-3/8"		48"		50-5/8"		60"		63"	
			3		3		4		4		5		5		6		6	
72"	9	A	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
74"	9	A	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
84"	9	A	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.5
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-78.3
96"	12	A	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.5
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-78.3
106-1/4"	12	A	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-73.9	+70.0	-70.5
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-78.3
108"	12	A	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-73.9	+68.0	-68.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-75.6
111"	12	A	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+68.0	-68.0	+68.0	-68.0
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-75.6	+70.0	-75.6

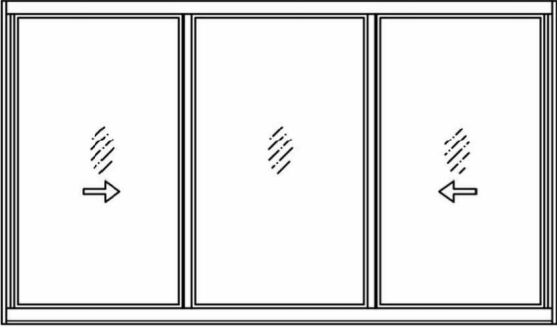
Glass Types B & C w/ Reinforcement			Design Load Capacity - PSF (XOX 1/3-1/3-1/3 Sizes)															
Window Width (in.)	Head/Sill Anchor Qty.	Glass Type	Window Height (in.) / Jamb Anchor Quantity															
			24"		26"		36"		38-3/8"		48"		50-5/8"		60"		63"	
			3		3		4		4		5		5		6		6	
72"	9	B	+80.0	-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
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
74"	9	B	+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
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
84"	9	B	+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	82.6*
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
96"	12	B	+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	82.6*
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
106-1/4"	12	B	+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	-87.6*	+80.0	82.6*
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
108"	12	B	+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	-87.6*	+80.0	80.4*
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
111"	12	B	+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	80.4*	+80.0	80.4*
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0

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

(4) ANCHORS REQUIRED AT MEETING RAIL CLUSTERS FOR SIZES AND LOADS MARKED WITH '*'. SEE ELEVATION ON SHEET 1.

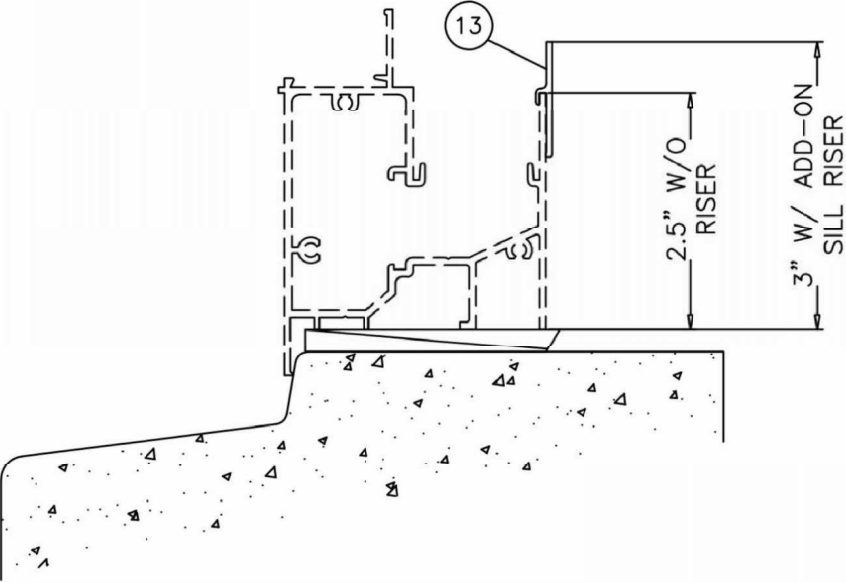
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC GUSTS)

ALL EXTERIOR (+) LOADS SHOWN ON THIS SHEET ARE FROM WINDOWS WITH ADD-ON RISER AT FRAME SILL FOR STD. SILL (NO RISER) LIMIT EXT.(+) LOADS TO 67.0 PSF SEE SHEET ABOVE FOR DETAILS.



OPERATING VENTS TO BE 1/3 OF THE WINDOW WIDTH

'XOX'



FL#40097.2



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.	date:	JA-1439-25	drawn by:	AK	check by:	MK	REVISION			
							DESCRIPTION	BY	DATE	No

SERIES 200: ECO-GUARD ALUMINUM HORIZONTAL ROLLING WINDOW (L.M.I.)
LARGE MISSILE IMPACT RATED



ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST. MEDLEY, FL 33166
TEL. (305) 885-5298 FAX. (305) 885-5902



SEALED: 07/03/2025

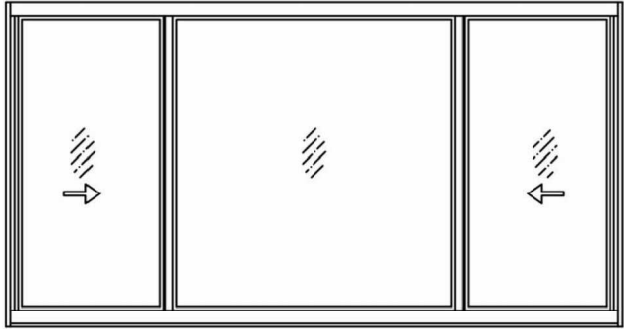
Glass Types A, D, E, F & G w/o Reinforcement			Design Load Capacity - PSF (XOX 1/4-1/2-1/4 Sizes)															
Window Width (in.)	Head/Sill Anchor Qty.	Glass Type	Window Height (in.) / Jamb Anchor Quantity															
			24"		26"		36"		38-3/8"		48"		50-5/8"		60"		63"	
			3		3		4		4		5		5		6		6	
72"	9	A	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-76.3	+70.0	-70.4
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-78.2
74"	9	A	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.4	+70.0	-70.4
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-78.2	+70.0	-78.2
84"	9	A	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0						
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0						
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0						
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0						
96"	12	A	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-70.0	+70.0	-70.0						
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0						
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0						
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0						
106-1/4"	12	A	+70.0	-80.0	+70.0	-80.0	-	-	-	-								
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0								
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0								
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0								
108"	12	A	+70.0	-80.0	+70.0	-80.0	-	-	-	-								
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0								
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-79.3								
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0								
111"	12	A	+70.0	-80.0	+70.0	-80.0	-	-	-	-								
		D,G	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0								
		E	+70.0	-80.0	+70.0	-80.0	+70.0	-79.3	+70.0	-79.3								
		F	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0								

Glass Types B & C w/ Reinforcement			Design Load Capacity - PSF (XOX 1/4-1/2-1/4 Sizes)															
Window Width (in.)	Head/Sill Anchor Qty.	Glass Type	Window Height (in.) / Jamb Anchor Quantity															
			24"		26"		36"		38-3/8"		48"		50-5/8"		60"		63"	
			3		3		4		4		5		5		6		6	
72"	9	B	+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
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
74"	9	B	+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
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0
84"	9	B	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0						
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0						
96"	12	B	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0						
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0						
106-1/4"	12	B	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0								
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0								
108"	12	B	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0								
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0								
111"	12	B	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0	+80.0	-90.0								
		C	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0	+70.0	-80.0								

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

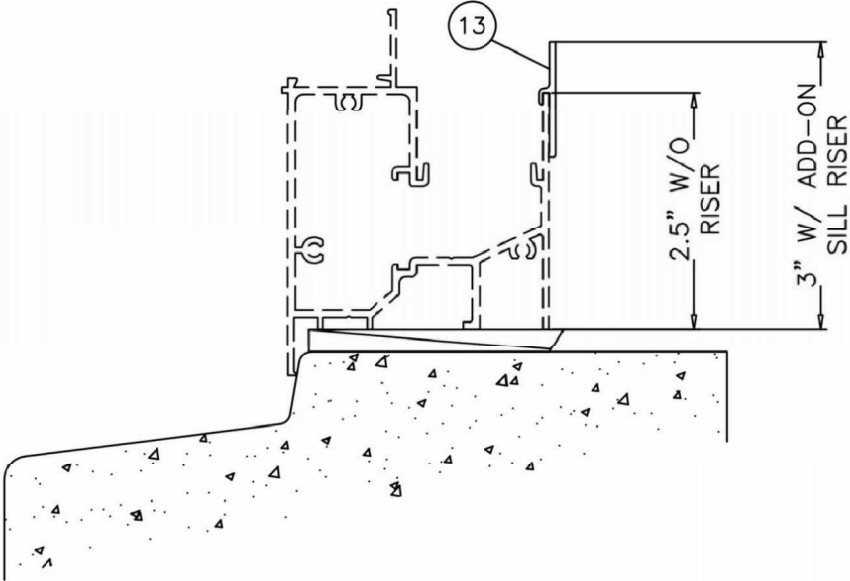
NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-16 (3 SEC GUSTS)

ALL EXTERIOR (+) LOADS SHOWN ON THIS SHEET ARE
FROM WINDOWS WITH ADD-ON RISER AT FRAME SILL
FOR STD. SILL (NO RISER) LIMIT EXT.(+) LOADS TO 67.0 PSF
SEE SHEET ABOVE FOR DETAILS.



OPERATING VENTS TO BE 1/4 OF THE WINDOW WIDTH

‘XOX’



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.	AK	drawn by:	AK	check by:	Mk
date:	JA-1439-25	07/03/2025	REVISION		
No	DATE	BY	DESCRIPTION		

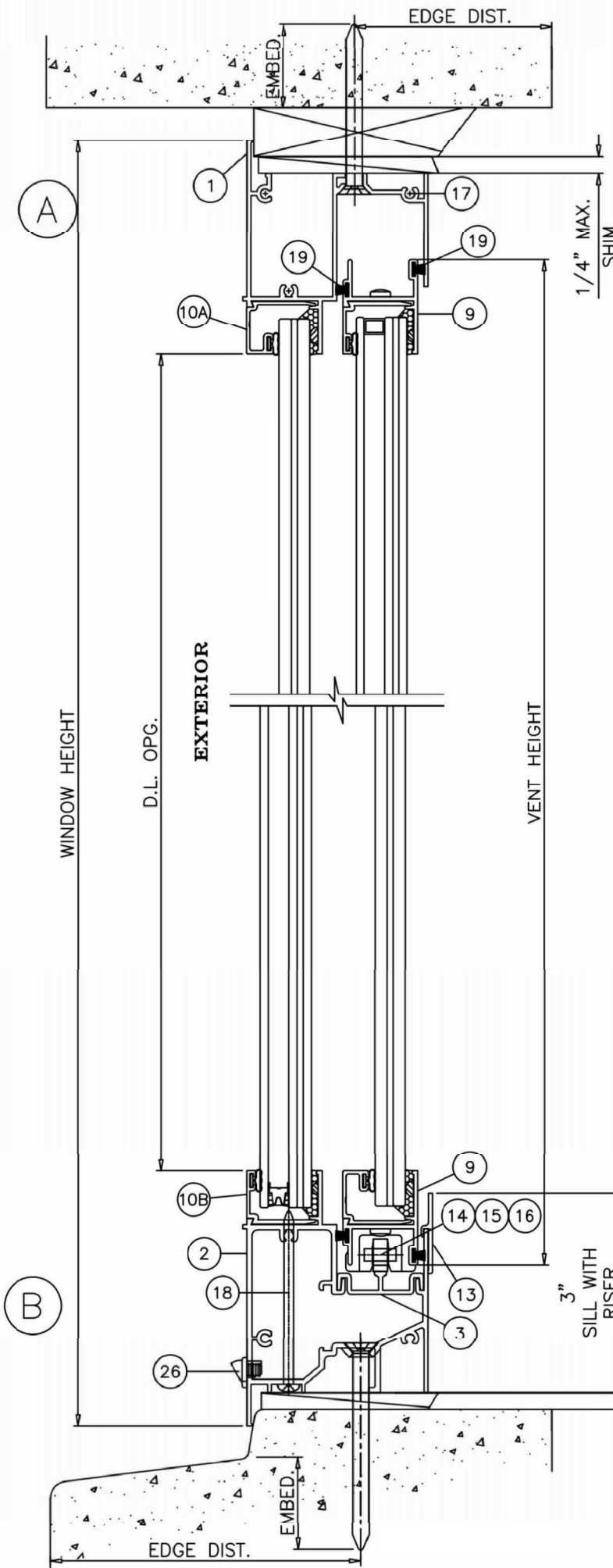
SERIES 200: ECO-GUARD ALUMINUM HORIZONTAL ROLLING WINDOW (L.M.I.)
LARGE MISSILE IMPACT RATED


ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST. MEDLEY, FL 33166
TEL. (305) 885-5298 FAX. (305) 885-5902

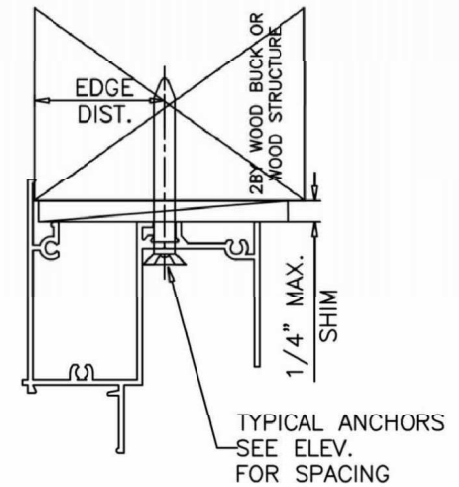
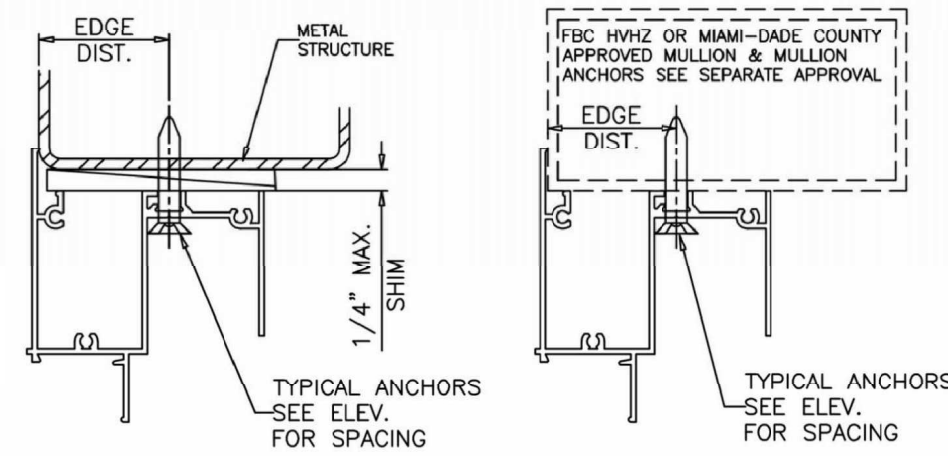


SEALED: 07/03/2025

FL#40097.2



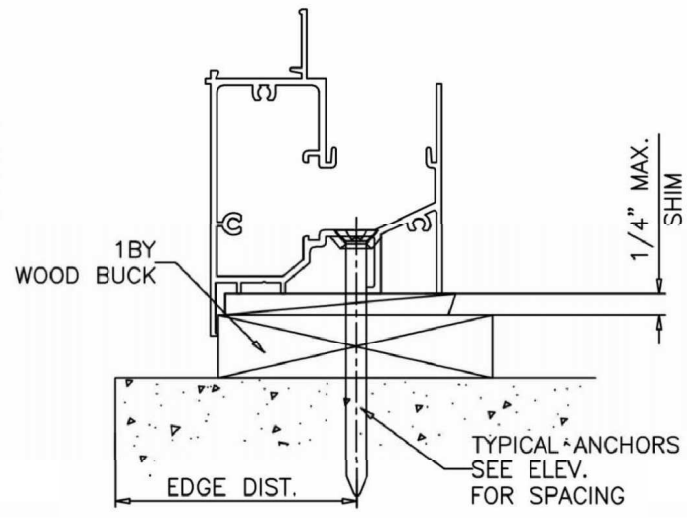
WOOD BUCKS AND METAL STRUCTURE NOT BY 'ECO WDW.'
MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM
AND TRANSFER THEM TO THE BUILDING STRUCTURE.



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"
#12 SMS or Self Drilling Screws	All	Southern Pine (SG = 0.55)	1"	1-3/8"
	All	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 18 Ga. Min. (min. 33 ksi)	3/4"	(3) Threads min. beyond metal thickness
	All	Steel 18 Ga. Min. (min. 33 ksi)	3/4"	(3) Threads min. beyond metal thickness

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



WEEPHOLES:

W1 = 3/8" X 2 1/4" WEEPHOLES AT EACH END
AND 37" O.C. MAX

SEALANT:

ALL JOINT AND FRAME CONNECTIONS SEALED WITH
JOINT SEALER.

FL#40097.2



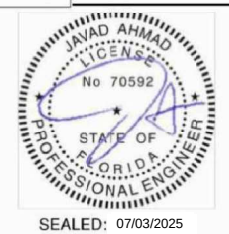
JAVAD AHMAD PE, inc
7875 NW 12th St., Suite 102 Doral,
FL 33126
Ph: (305) 424-8001
support@ja-pe.com

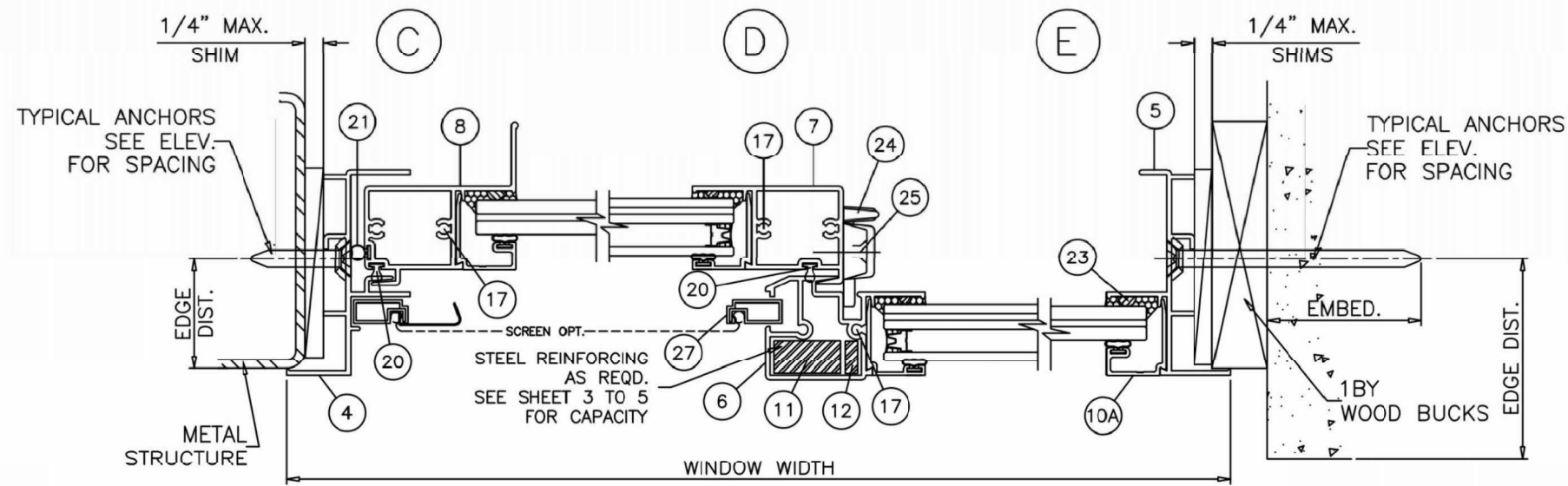
CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

drawing no.	AK	drawn by:	AK	check by:	MK
date:	JA-1439-25	07/03/2025	07/03/2025	07/03/2025	07/03/2025
REVISION					
No	DATE	BY	DESCRIPTION		

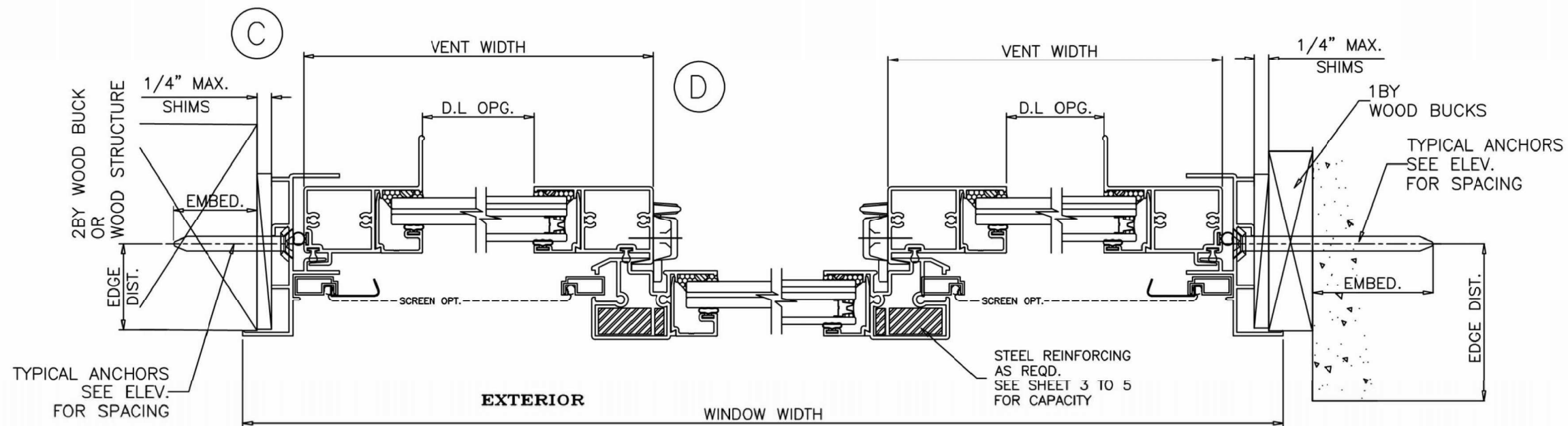
SERIES 200: ECO-GUARD ALUMINUM HORIZONTAL ROLLING WINDOW (L.M.I.)
LARGE MISSILE IMPACT RATED

ECO window systems
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL. (305) 885-5298 FAX. (305) 885-5902

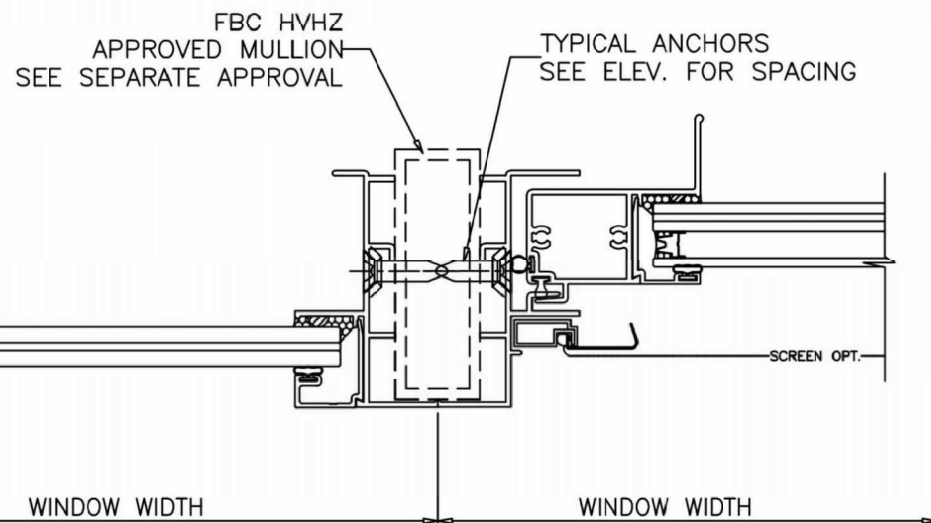




XO LAYOUT



XOX LAYOUT



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

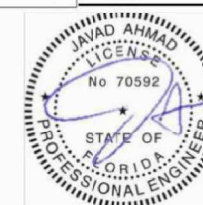
CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

drawing no.	AK	drawn by:	AK
date:	JA-1439-25	check by:	MK
REVISION			
No	DATE	BY	DESCRIPTION

SERIES 200: ECO-GUARD ALUMINUM HORIZONTAL ROLLING WINDOW (L.M.I.)
 LARGE MISSILE IMPACT RATED

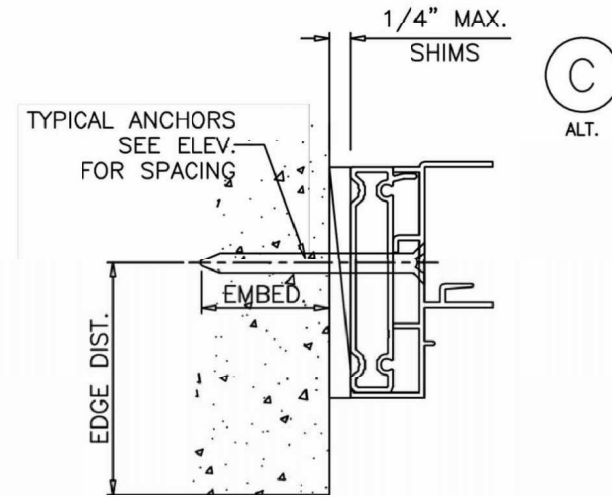
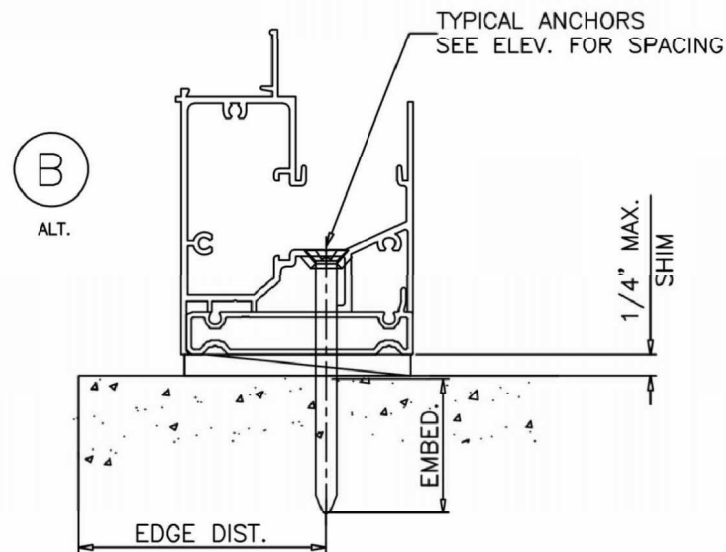
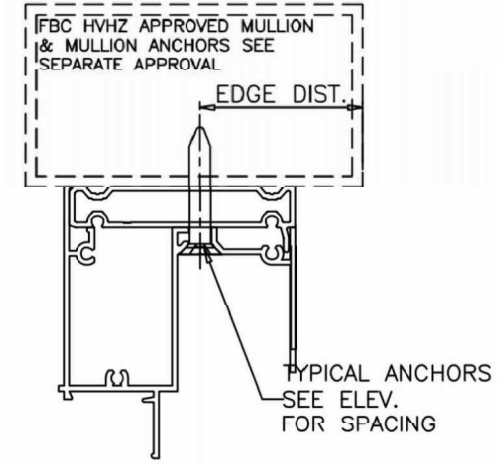
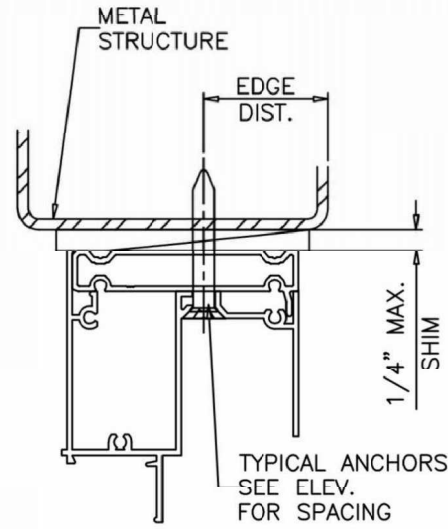
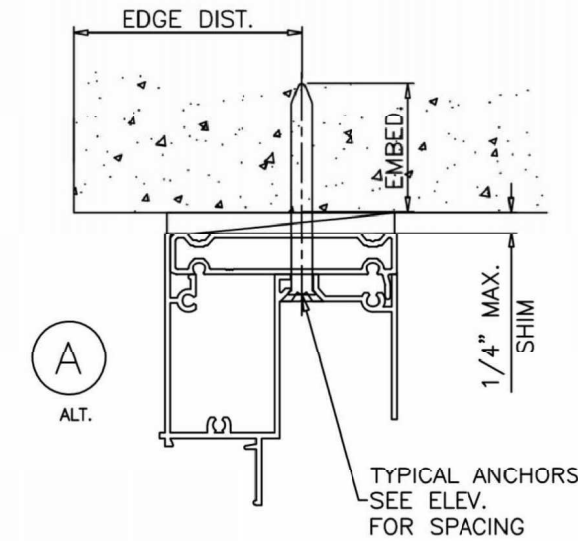


ECO WINDOW SYSTEMS, LLC
 8502 N.W. 80th ST., MEDLEY, FL 33166
 TEL. (305) 885-5298 FAX. (305) 885-5902



SEALED: 07/03/2025

FL#40097.2



INSTALLATION DETAILS WITH FLUSH FRAME ADAPTER

FL#40097.2



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

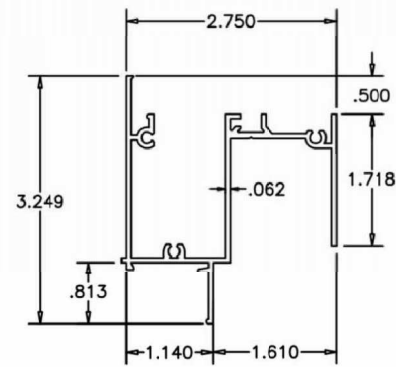
drawing no.	JA-1439-25	drawn by:	AK
date:	07/03/2025	check by:	MK
REVISION			
No	DATE	BY	DESCRIPTION

SERIES 200: ECO-GUARD ALUMINUM HORIZONTAL ROLLING WINDOW (LMI) LARGE MISSILE IMPACT RATED

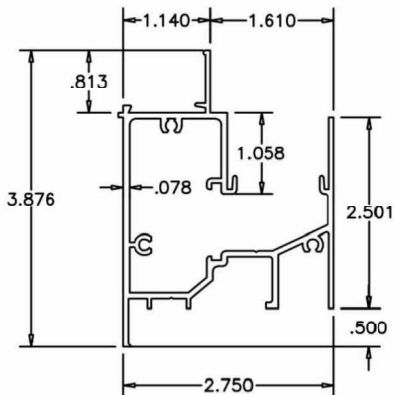
ECO window systems
 ECO WINDOW SYSTEMS, LLC.
 8502 N.W. 80th ST. MEDLEY, FL 33166
 TEL. (305) 885-5298 FAX. (305) 885-5902



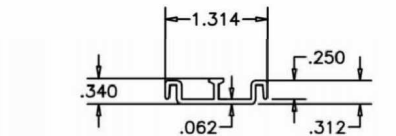
SEALED: 07/03/2025



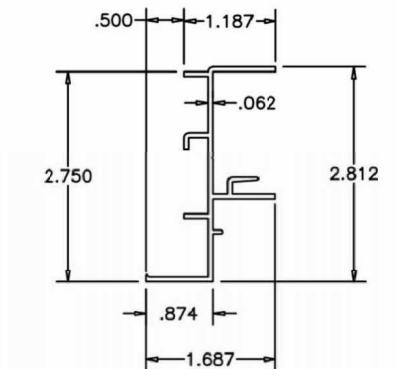
1 FRAME HEAD



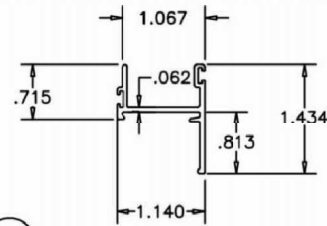
2 FRAME SILL



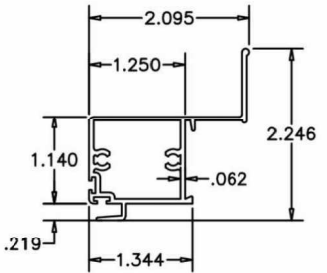
3 SILL TRACK



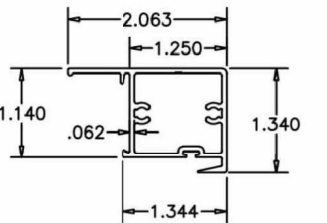
4 MOV. FRAME JAMB



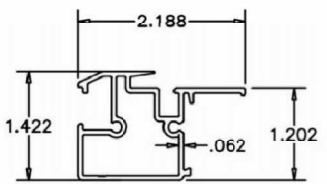
9 VENT TOP/BOT RAIL



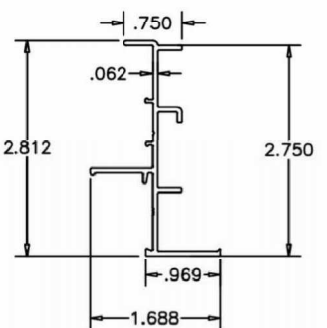
8 JAMB STILE



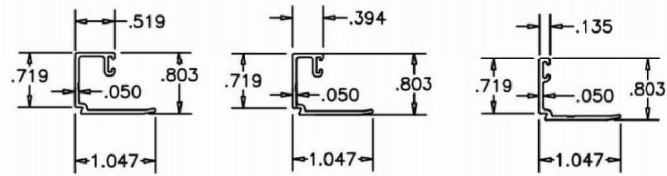
7 METING RAIL



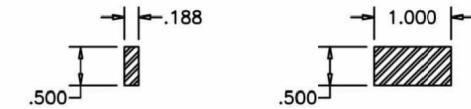
6 FIXED MTG. RAIL



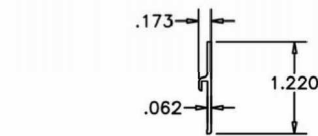
5 FIXED FRAME JAMB



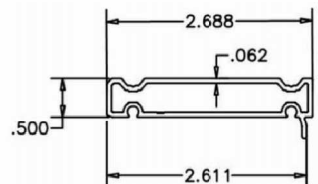
10 10A 10B GLAZING BEADS



11 12 STEEL REINFORCING



13 ADD-ON SILL RISER



28 FLUSH FRAME ADAPTER

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL
1	FY201	1	FRAME HEAD	6063-T6
2	FY202	1	FRAME SILL	6063-T6
3	FY203	1	SILL TRACK INSERT	6063-T6
4	FY205	AS REQD.	MOV. FRAME JAMB	6063-T6
5	FY101	AS REQD.	FIXED FRAME JAMB	6063-T6
6	FY104	1/VENT	FIXED MTG. RAIL	6063-T6
7	FY105	1/VENT	VENT INTERLOCK	6063-T6
8	FY206	1/VENT	JAMB STILE	6063-T6
9	FY107	2/VENT	TOP AND BOTTOM RAIL	6063-T6
10	FY108	AS REQD.	GLAZING BEAD (5/16" LAM. GLASS)	6063-T6
10A	FY109	AS REQD.	GLAZING BEAD (7/16" LAM. GLASS)	6063-T6
10B	FY110	AS REQD.	GLAZING BEAD (INSUL. LAM. GLASS)	6063-T6
11		AS REQD.	1/2" X 3/16" STEEL REINFORCEMENT	STEEL
12		AS REQD.	1/2" X 1" STEEL REINFORCEMENT	STEEL
13	FY204	AS REQD.	ADD-ON SILL RISER	6063-T6
14	FY208	4/VENT	ROLLER HOUSING & GUIDE	CELCON
15	FY209	2/VENT	ROLLER	BRASS
16	FY210	2/VENT	ROLLER PIN	ST. STEEL
17	#8 X 1"	AS REQD.	FRAME/VENT ASSEMBLY SCREWS	CRS
18	#8 X 3"	2/VENT	FIX. RAIL SILL SCREWS (SILL END)	CRS
19	W23181	AS REQD.	FIN SEAL W'STRIPPING	-
20	Q300T190	AS REQD.	BULB SEAL	Q-LON
21	E207	AS REQD.	BULB SEAL	SANTOPRENE
22	E203	AS REQD.	GLAZING BEAD BULB	SANTOPRENE
23	FLB-50	AS REQD.	GLASS OFFSET SPACER	SILICONE
24	SL203P	2/VENT	SWEEP LATCH	-
25	#8 X 5/8"	2/LATCH	LATCH INST. SCREW	ST. STEEL
26	WA2L	AS REQD.	WEEP VALVE	-
27	-	1/VENT	5/16" BOX SCREEN	-
28	FY120	AS REQD.	FLUSH FRAME ADAPTER	6063-T6
29	-	AS REQD.	SETTING BLOCK	EPDM
30	-	AS REQD.	IG SPACER: CARDINAL XL & SUPERSPACER	VARIOUS



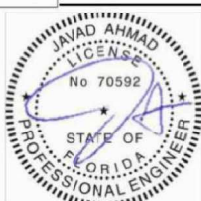
JAVAD AHMAD PE, inc
7875 NW 12th St., Suite 102 Doral,
FL 33126
Ph: (305) 424-8001
support@ja-pe.com

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

drawing no.	date:	JA-1439-25	drawn by:	AK	check by:	MK
revision	by	description	date	no	date	no

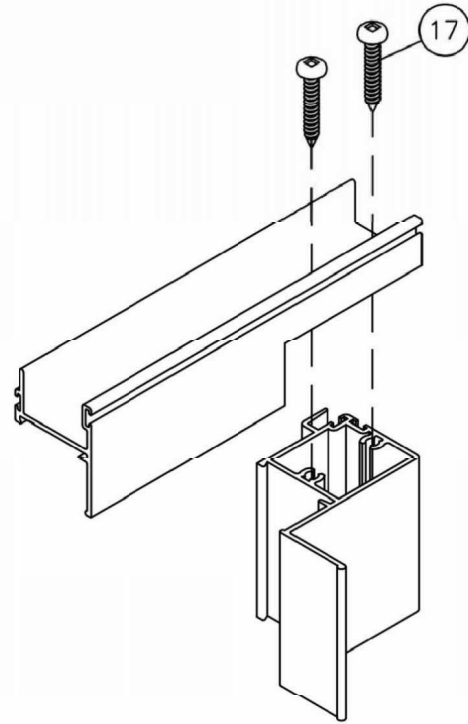
SERIES 200: ECO-GUARD ALUMINUM HORIZONTAL ROLLING WINDOW
(L.M.I.)
LARGE MISSILE IMPACT RATED

ECO WINDOW SYSTEMS, LLC
8502 N.W. 80th ST., MEDLEY, FL 33166
TEL. (305) 885-5298 FAX. (305) 885-5902

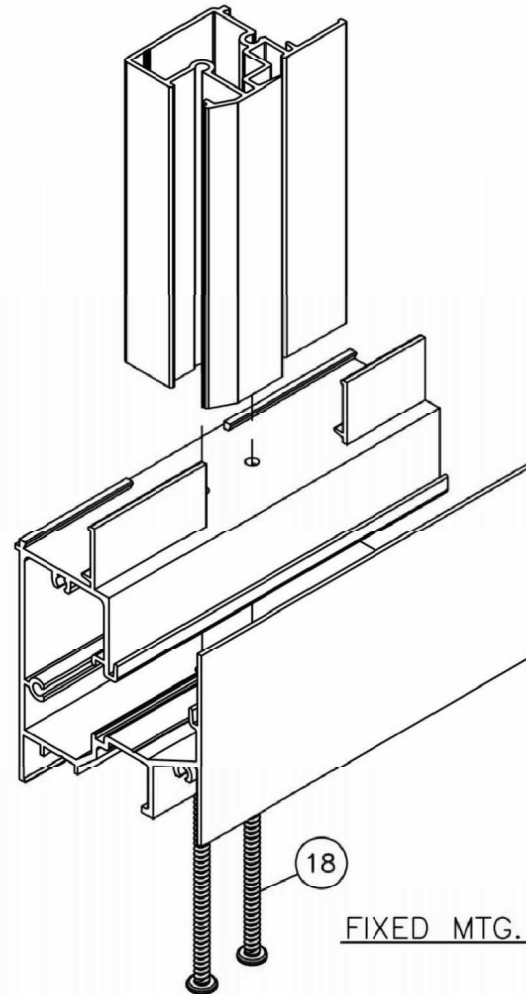


SEALED: 07/03/2025

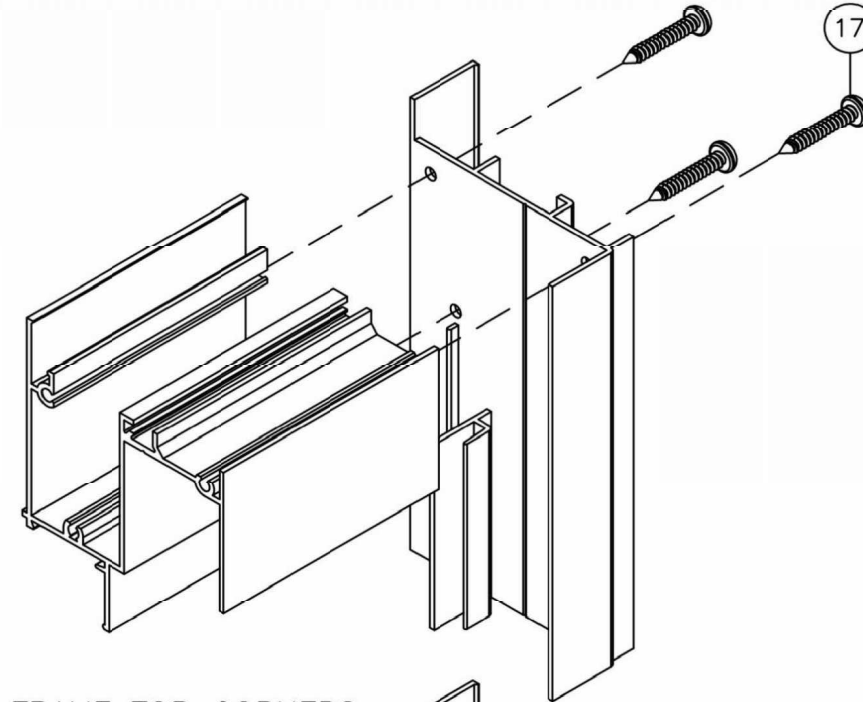
FL#40097.2



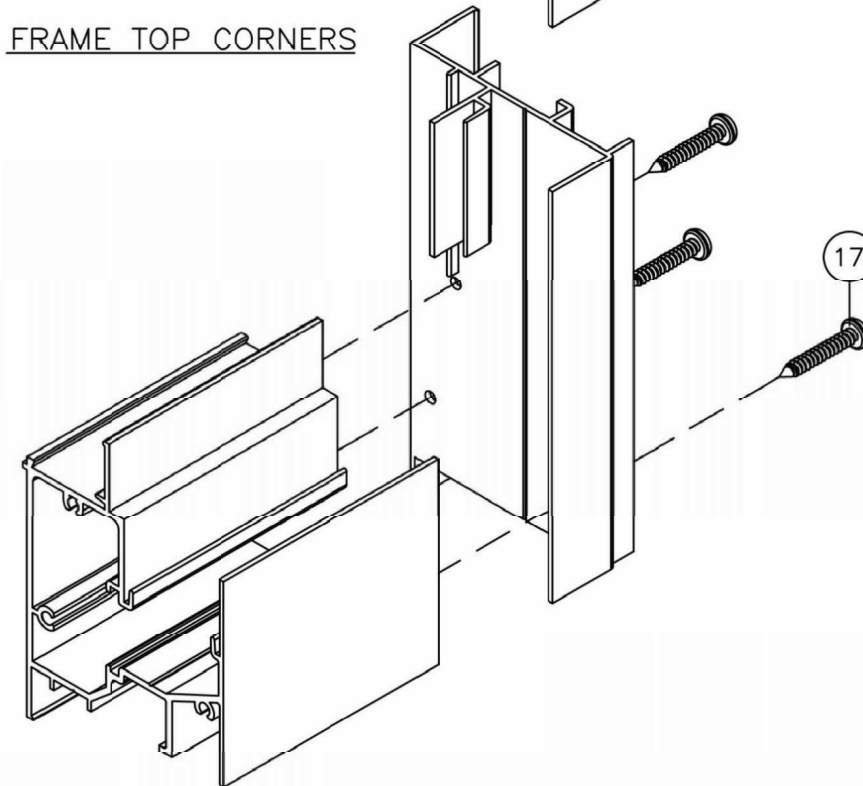
VENT TOP/BOTTOM CORNERS



FIXED MTG. RAIL CORNER



FRAME TOP CORNERS



FRAME BOTTOM CORNERS



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

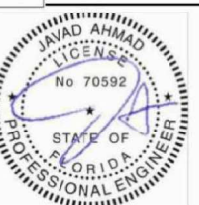
CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

drawing no.	JA-1439-25	drawn by:	AK
date:	07/03/2025	check by:	Mk
REVISION			
No	DATE	BY	DESCRIPTION

SERIES 200: ECO-GUARD ALUMINUM HORIZONTAL ROLLING WINDOW
 (L.M.I.)
 LARGE MISSILE IMPACT RATED



ECO WINDOW SYSTEMS, LLC.
 8502 N.W. 80th ST., MEDLEY, FL 33166
 TEL. (305) 885-5296 FAX. (305) 885-5902



SEALED: 07/03/2025

FL#40097.2