

ANDERSEN CORPORATION

FLEXIFRAME/SPRINGLINE FIXED WINDOW

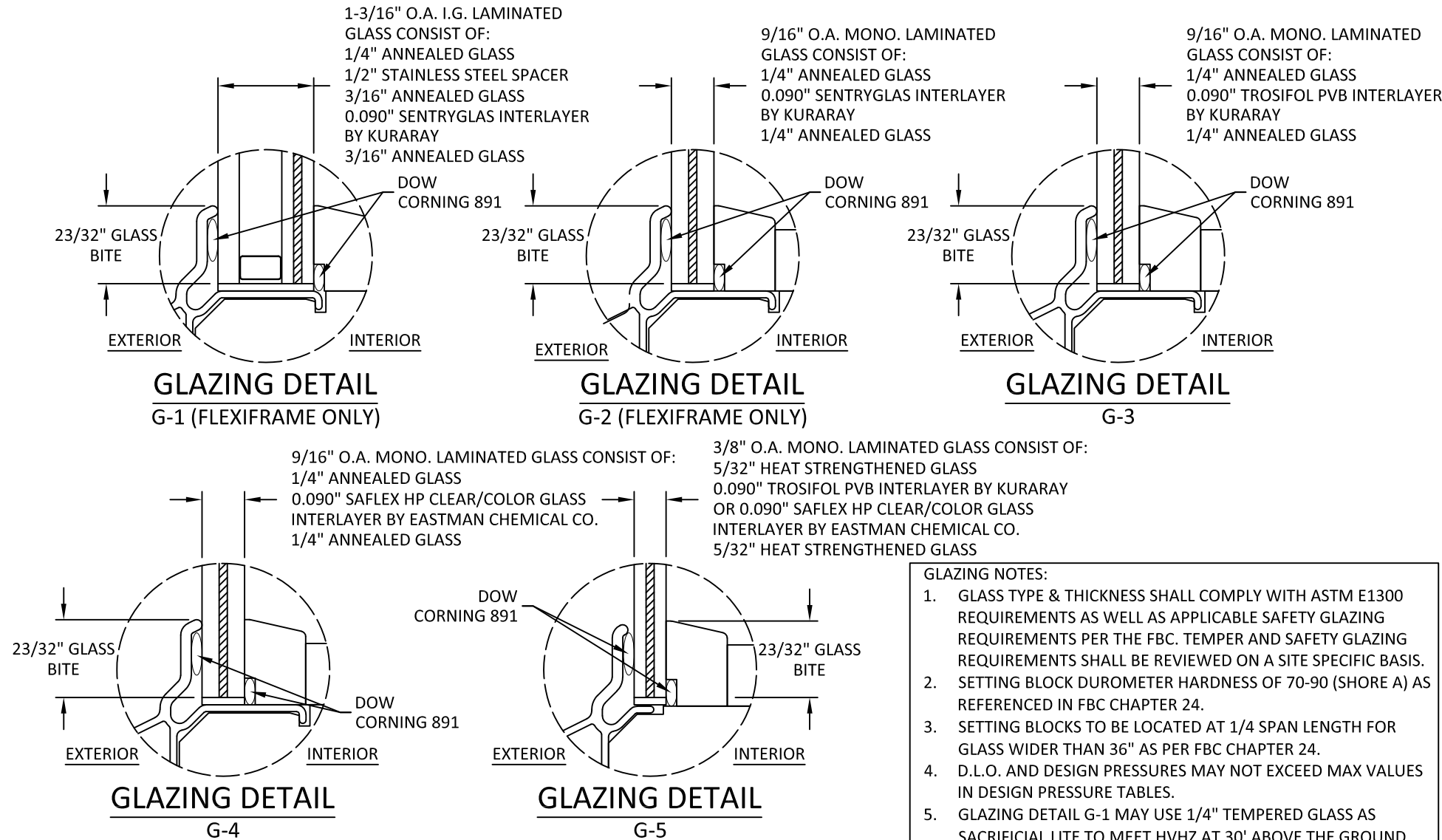
(HVHZ) (IMPACT)

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC) INCLUDING HVHZ. ALL PRODUCTS UNDER THE SCOPE OF THIS DOCUMENT HAVE BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT IN HVHZ AREAS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW LINEAL MATERIAL: *PONDEROSA PINE OR EQUIVALENT (MIN. SG = 0.45)*
DOOR CURVED MATERIAL: *LAMINATED VENEER LUMBER (LVL)*
CLADDING MATERIAL: *6063-T5 ALUMINUM*
- IN ACCORDANCE WITH THE CURRENT FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS DEFINED IN CHAPTER 23.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

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5	INSTALLATION DETAILS AND NOTES

DESIGN PRESSURE RATING					
GLAZING TYPE	FRAME TYPE	FRAME SIZE	D.L.O.	DESIGN PRESSURE	MISSILE RATING
G-1	FLEXIFRAME	60" X 120"	55.25" X 115.25"	+70/-70 PSF	LARGE & SMALL MISSILE IMPACT
G-1	FLEXIFRAME	48" X 144"	43.25" X 139.25"		
G-2	FLEXIFRAME	60" X 120"	55.25" X 115.25"		
G-2	FLEXIFRAME	48" X 144"	43.25" X 139.25"		
G-3	FLEXIFRAME	60" X 72"	55.25" X 67.25"		
G-3/G-4/G-5	FLEXIFRAME (ARCH TOP)	71.25" X 62.25"	66.5" X 57.5"	+67/-71 PSF	
G-3/G-4/G-5	SPRINGLINE	72" X 60.125"	67.25" X 55.875"		



ANDERSEN
WINDOWS & DOORS

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FIXED WINDOW
(HVHZ) (IMPACT)
GENERAL NOTES, DESIGN PRESSURE
TABLE & GLAZING DETAILS

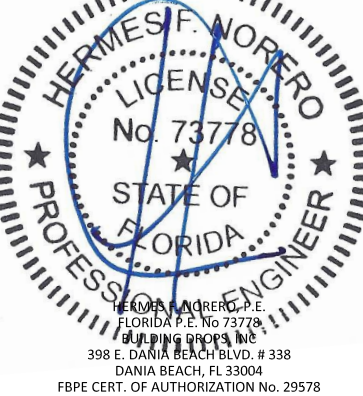
PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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BUILDING DROPS

REMARKS	BY	DATE

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Digitally signed by Hermes F Norero
Reason: I am approving this document
Date: 2021.08.30 15:11:12 -04'00'



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FL17849

DATE: **07.12.21**

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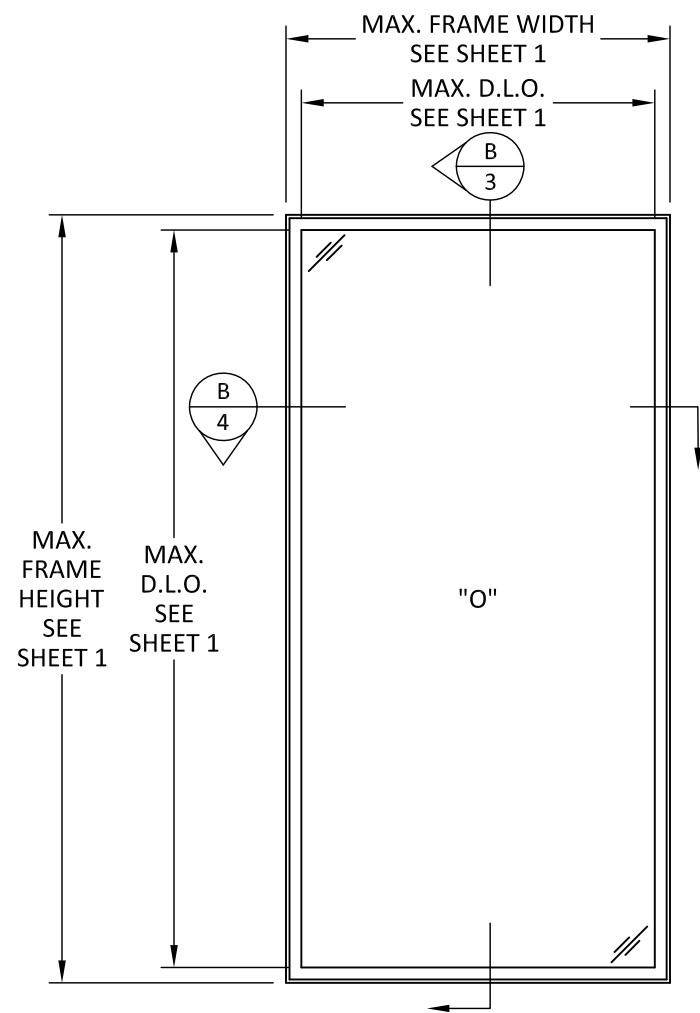
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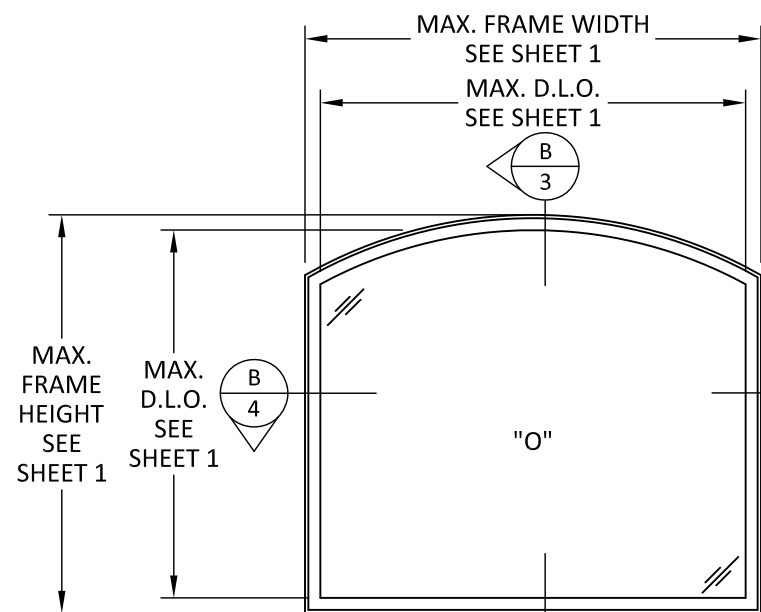
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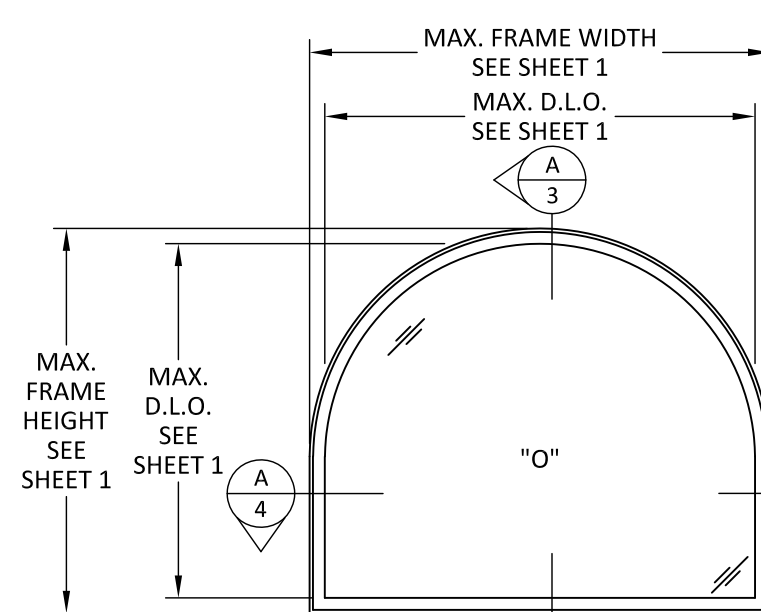
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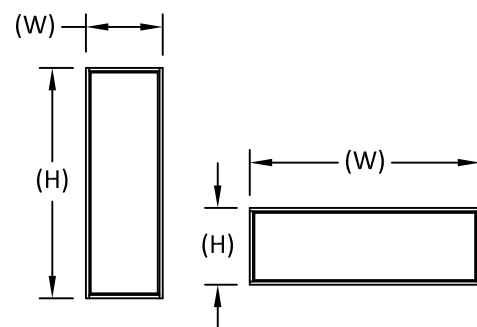
ELEVATION
FLEXIFRAME - RECTANGULAR



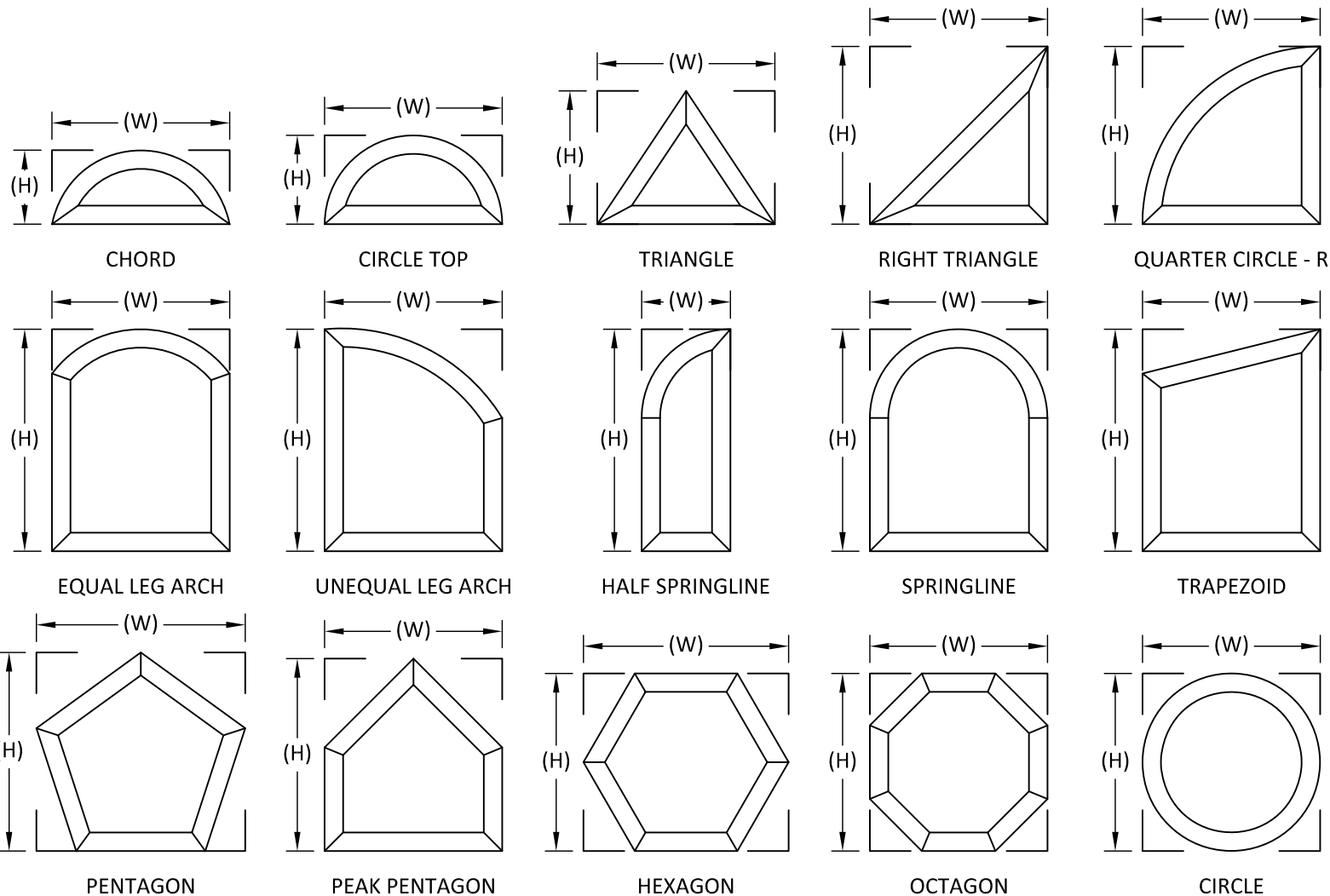
ELEVATION
FLEXIFRAME - ARCH TOP



ELEVATION
SPRINGLINE



NOTE:
RECTANGULAR WINDOW WIDTH (W) AND
HEIGHT (H) ARE INTERCHANGEABLE FOR
ALL SIZES SHOWN HEREIN NOT TO EXCEED
MAXIMUM TESTED SQUARE FOOT AREA.
ANCHOR SPACING SHALL NOT EXCEED
THOSE SHOWN FOR LONG OR SHORT LEG
OF UNIT.



QUALIFIED SHAPES



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ELEVATION & QUALIFIED SHAPES

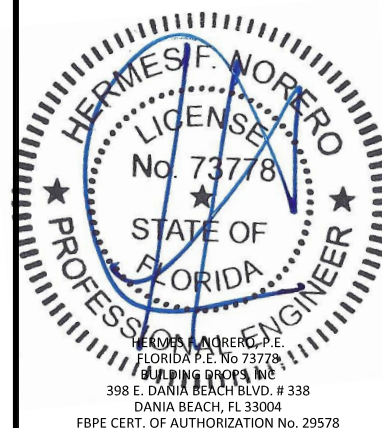
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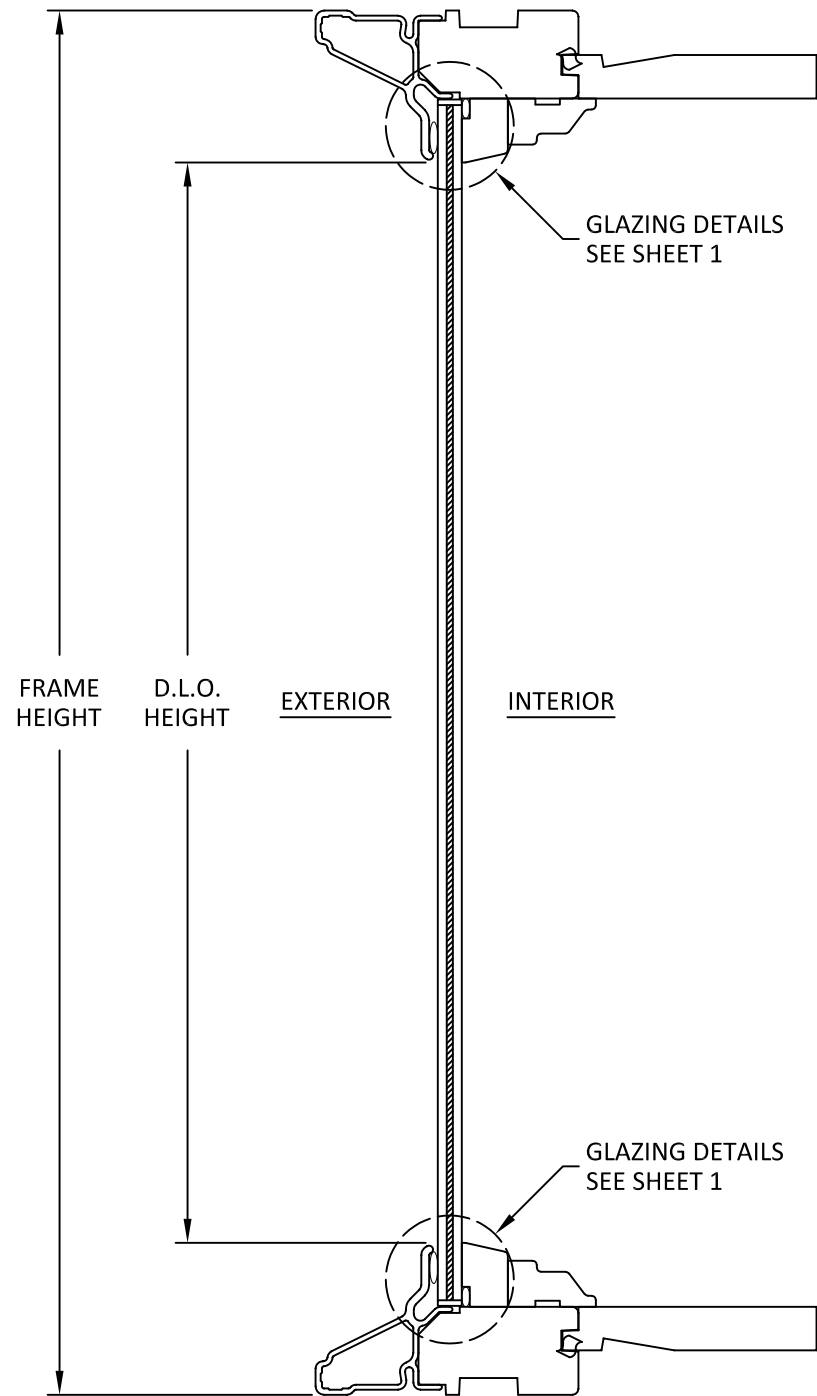


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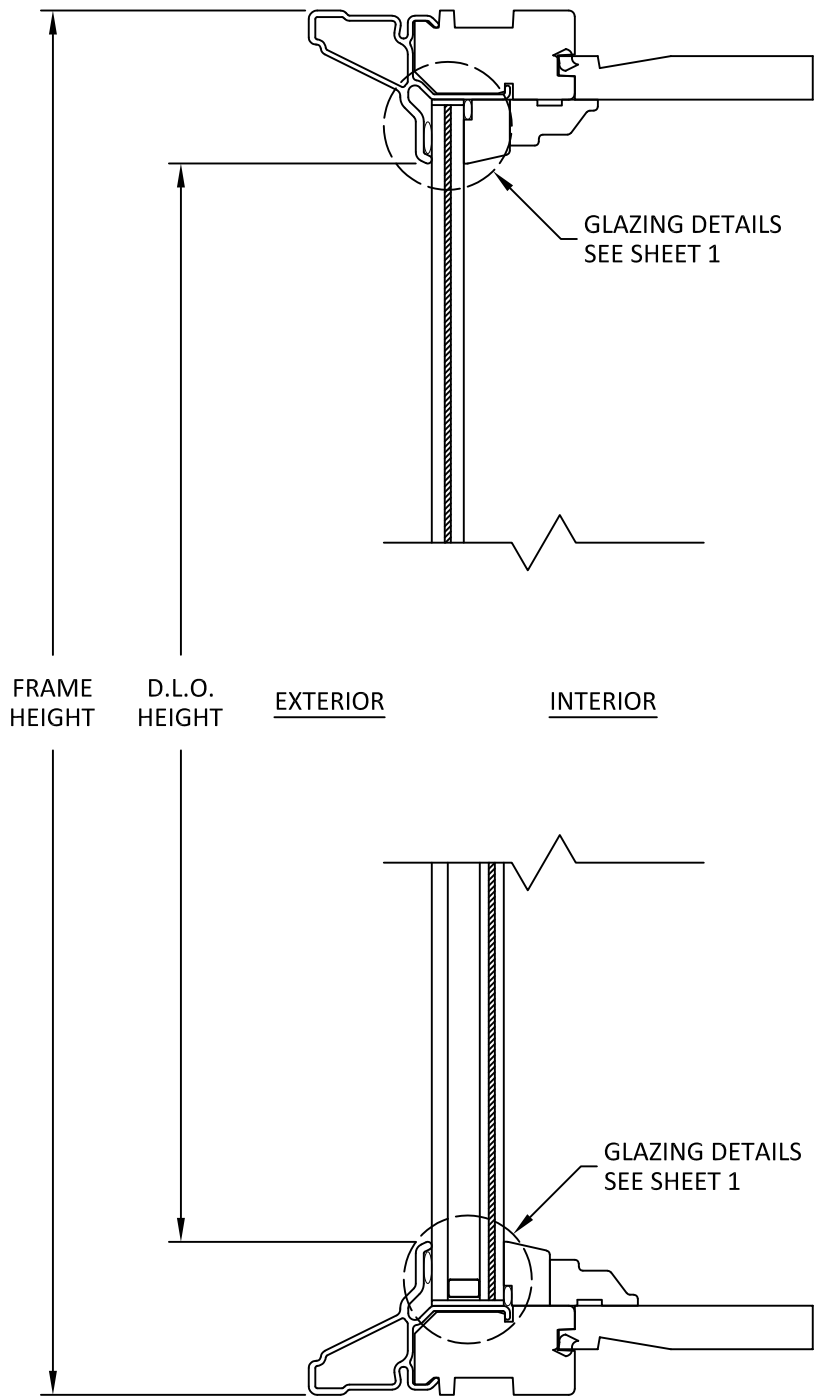
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A
3 VERTICAL SECTION
SPRINGLINE FRAME



B
3 VERTICAL SECTION
FLEXIFRAME FRAME



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VERTICAL SECTIONS

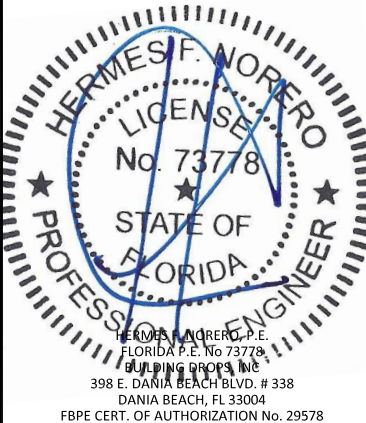
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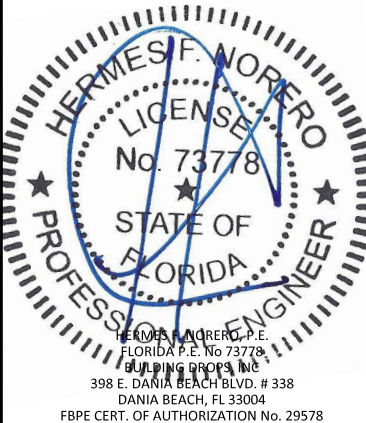
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HORIZONTAL SECTIONS

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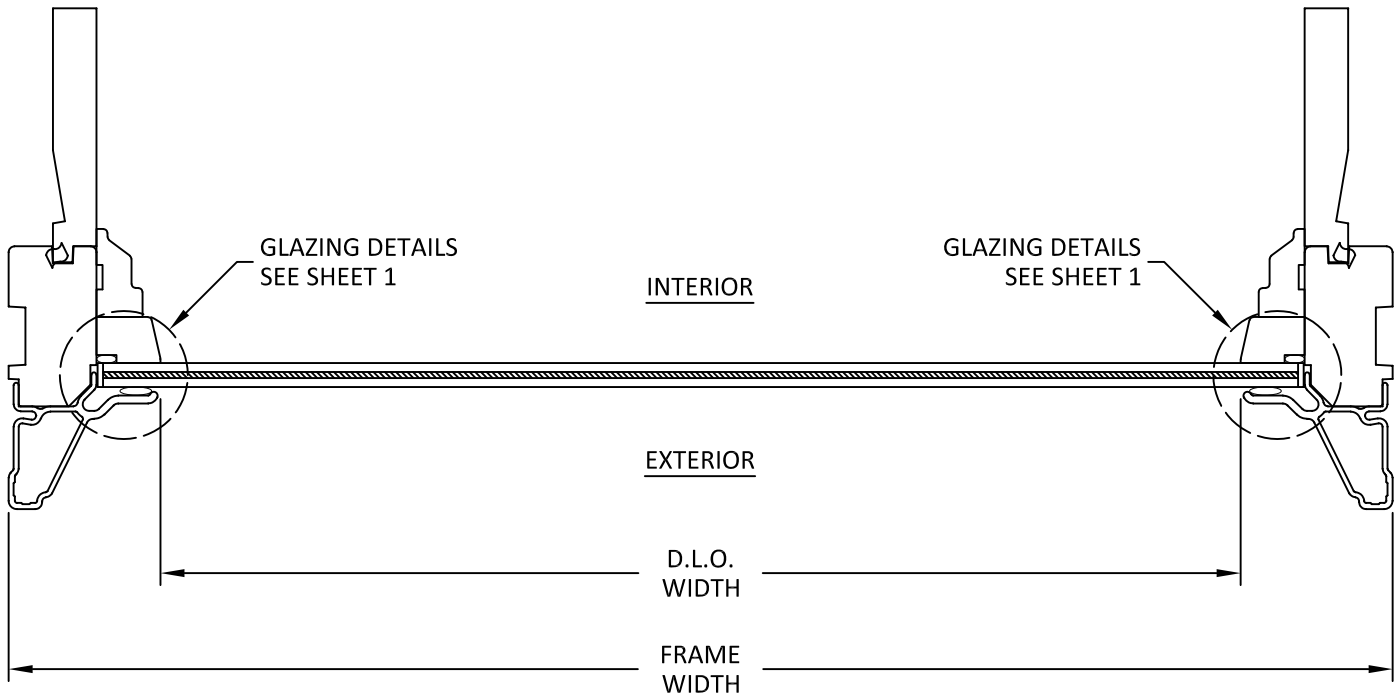
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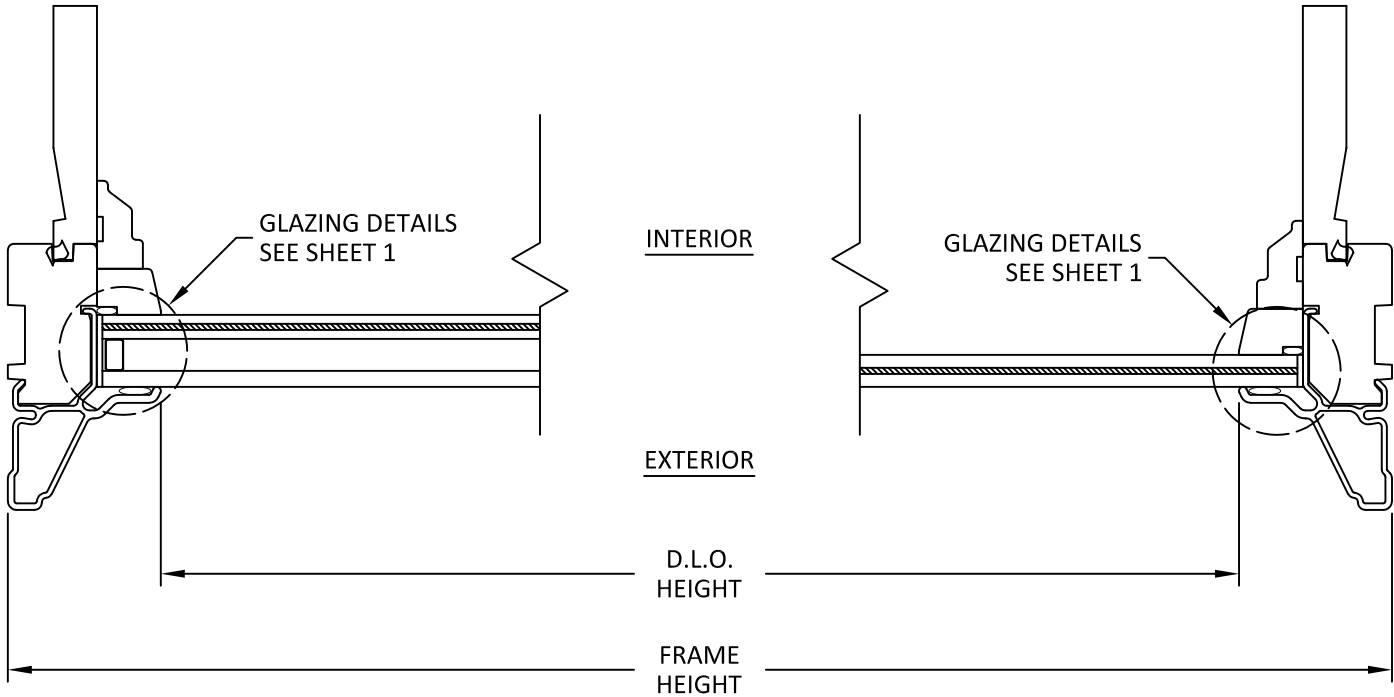
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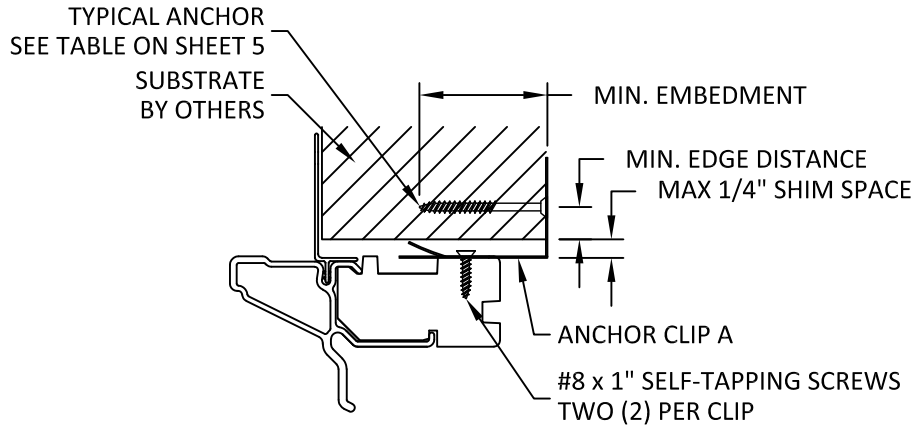
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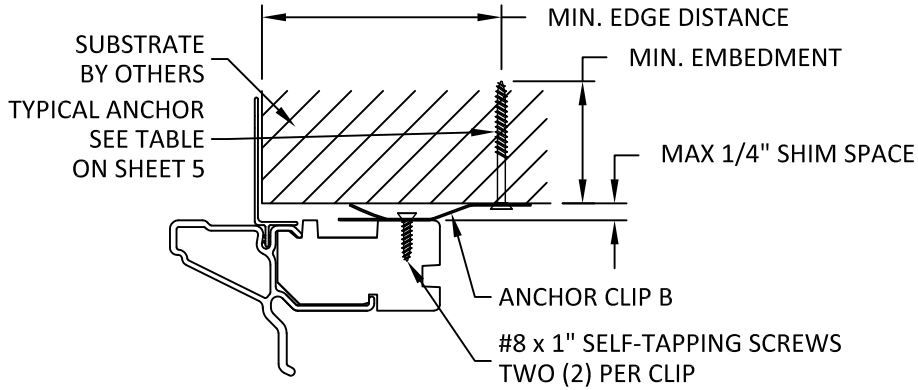
A
4 HORIZONTAL SECTION
SPRINGLINE FRAME



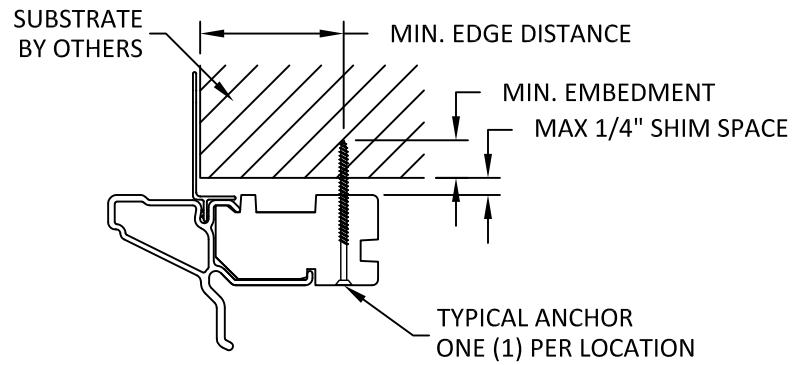
B
4 HORIZONTAL SECTION
FLEXIFRAME FRAME



A
5 VERTICAL SECTION
ANCHOR CLIP A



B
5 VERTICAL SECTION
ANCHOR CLIP B



C
5 VERTICAL SECTION
THROUGH FRAME

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION, UNLESS OTHERWISE STATED ON SHEET 5.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR MASONRY OR CONCRETE OPENINGS, A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.

NOTE:
HEAD SHOWN, SILL & JAMB DETAILS SIMILAR.

ANCHOR SCHEDULE								
METHOD	ANCHOR QUANTITY	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	MAX. SPACING O.C.		DISTANCE FROM CORNER
						HEAD & SILL	JAMB	
ANCHOR CLIP (A/5, B/5)	2 PER CLIP	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1.5"	0.75"	20"	20"	6"
	1 PER CLIP	WOOD: MIN. SG = 0.55	#12 WOOD SCREW	1.5"	0.75"	20"	20"	6"
	1 PER CLIP	CONCRETE: MIN. f'c=3000PSI MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1.25"	2.5	20"	20"	6"
	2 PER CLIP	STEEL: MIN. 18 GAUGE, MIN. Fy = 33KSI ALUMINUM: MIN. 6063-T5, MIN. 0.125" THICK	#8 SELF-TAPPING	3 THREADS MIN PENETRATION BEYOND METAL	0.5"	20"	20"	6"
THROUGH FRAME (C/5)	1 PER LOCATION	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.5"	0.75"	15"	15"	6"
	1 PER LOCATION	CONCRETE: MIN. f'c=3000PSI MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1.25"	2.5	15"	15"	6"
	1 PER LOCATION	STEEL: MIN. 18 GAUGE, MIN. Fy = 33KSI ALUMINUM: MIN. 6063-T5, MIN. 0.125" THICK	#10 SELF-TAPPING	3 THREADS MIN PENETRATION BEYOND METAL	0.5"	15"	15"	6"



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SHEET:

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