

FRONTLINE BUILDING PRODUCT

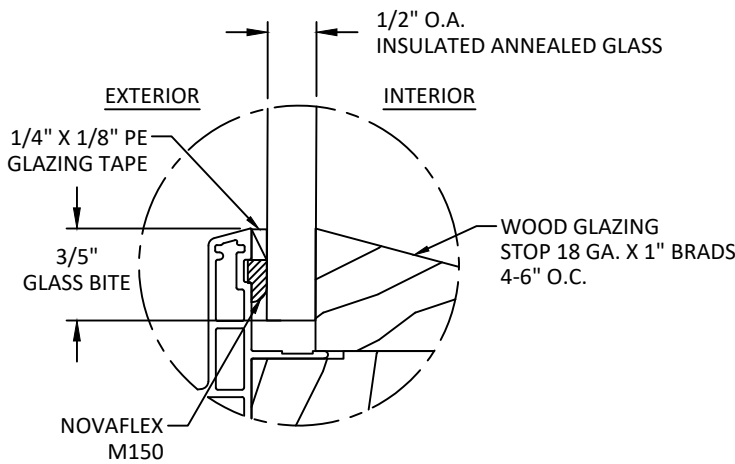
350 SERIES CLAD HP DIRECT SET (NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

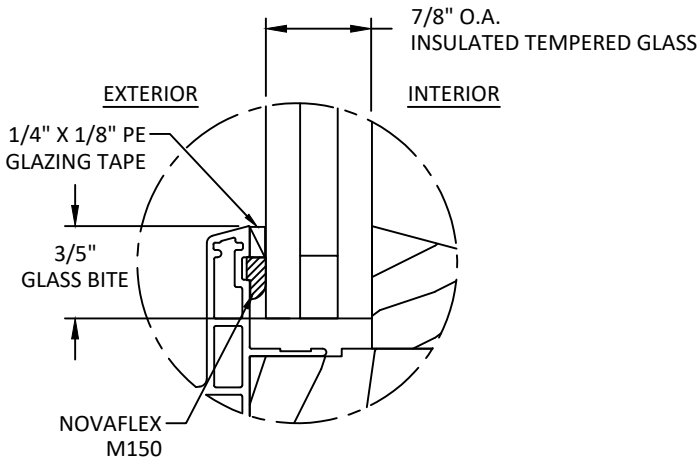
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: ALUMINUM (6063-T5) CLAD EXTERIOR OVER WOOD CORE
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

DESIGN RATING			
OVERALL SIZE		DESIGN PRESSURE	MISSILE IMPACT RATING
WIDTH	HEIGHT		
SEE SHEET 2-3		SEE SHEET 2-3	LMI/SMI

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GLAZING DETAIL 1



GLAZING DETAIL 2

GLAZING NOTES:

- GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.



FRONTLINE BUILDING PRODUCTS
610 JENSEN DRIVE
MEDFORD, WI 54451
PH: (715) 748-2288

TITLE:
350 SERIES CLAD HP DIRECT SET
(NON-HVHZ) (NON-IMPACT)

GENERAL NOTES &
GLAZING DETAILS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132

PH: (954) 399-8478

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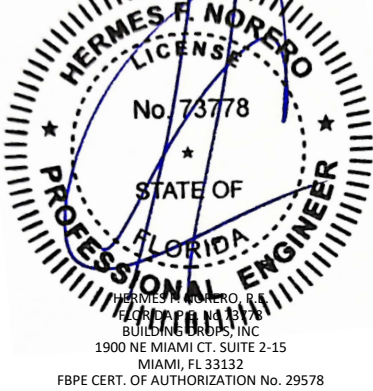
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REMARKS	BY	DATE

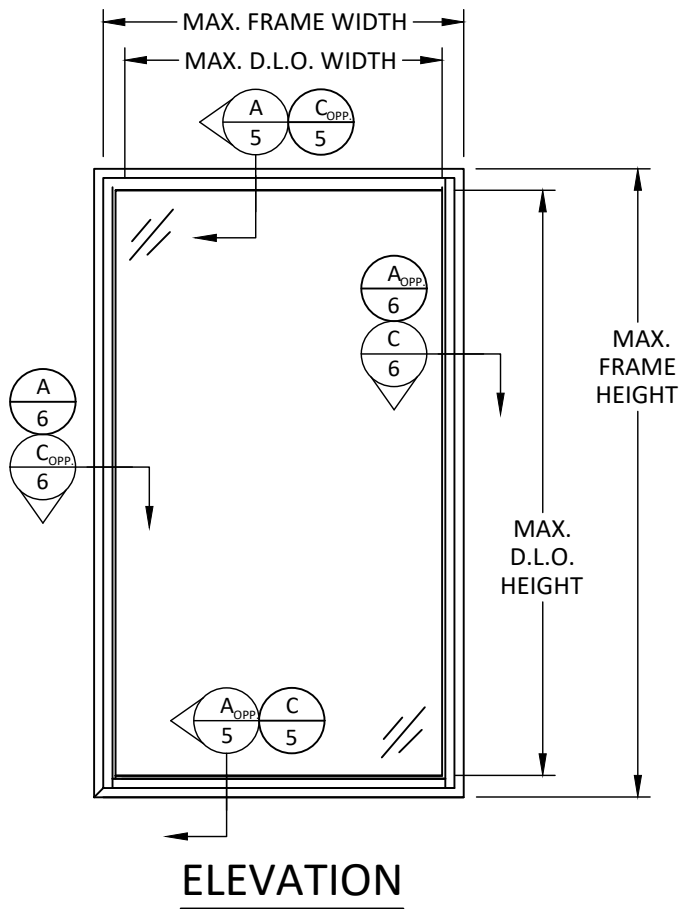
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.03.14 12:15:09 -0400

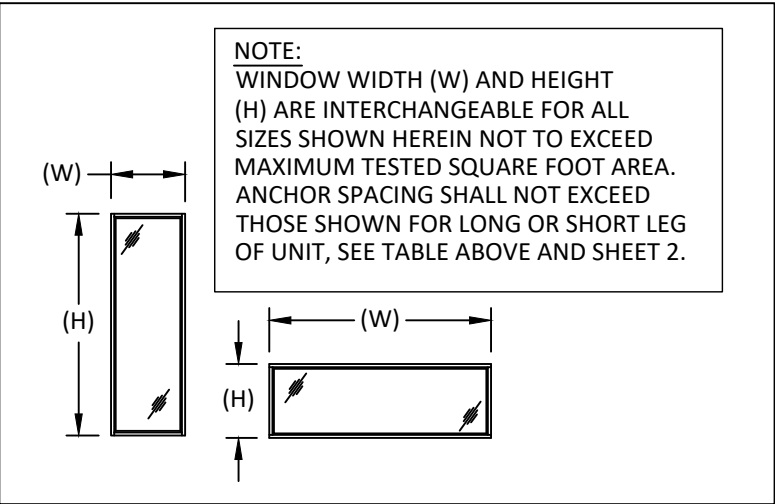


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350 SERIES CLAD HP DIRECT SET - DESIGN PRESSURE TABLE (PSF)										
FRAME SPAN (IN.) (L)	FRAME WIDTH (IN.) (W)									
	36	42	48	54	60	66	72	78	84	
	72	60.0	60.0	60.0	60.0	60.0	54.5	50.0	50.0	50.0
	78	60.0	60.0	60.0	60.0	60.0	54.5	50.0	46.2	-
	84	60.0	60.0	60.0	60.0	60.0	54.5	50.0	-	-
	90	60.0	60.0	60.0	60.0	60.0	54.5	-	-	-
	96	60.0	60.0	60.0	60.0	60.0	-	-	-	-
	102	60.0	60.0	60.0	60.0	60.0	-	-	-	-
	108	60.0	60.0	60.0	60.0	-	-	-	-	-
	114	60.0	60.0	60.0	-	-	-	-	-	-
	120	60.0	60.0	60.0	-	-	-	-	-	-



- LEGEND:**
- D.L.O. OVERALL SIZE:
- D.L.O. WIDTH: FRAME WIDTH - 4.24"
 - D.L.O. HEIGHT: FRAME HEIGHT - 4.24"



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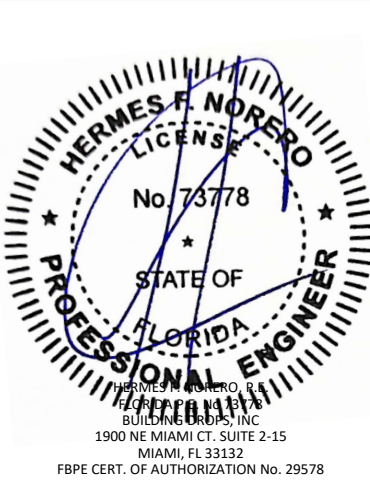
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ELEVATION & DESIGN PRESSURE TABLE

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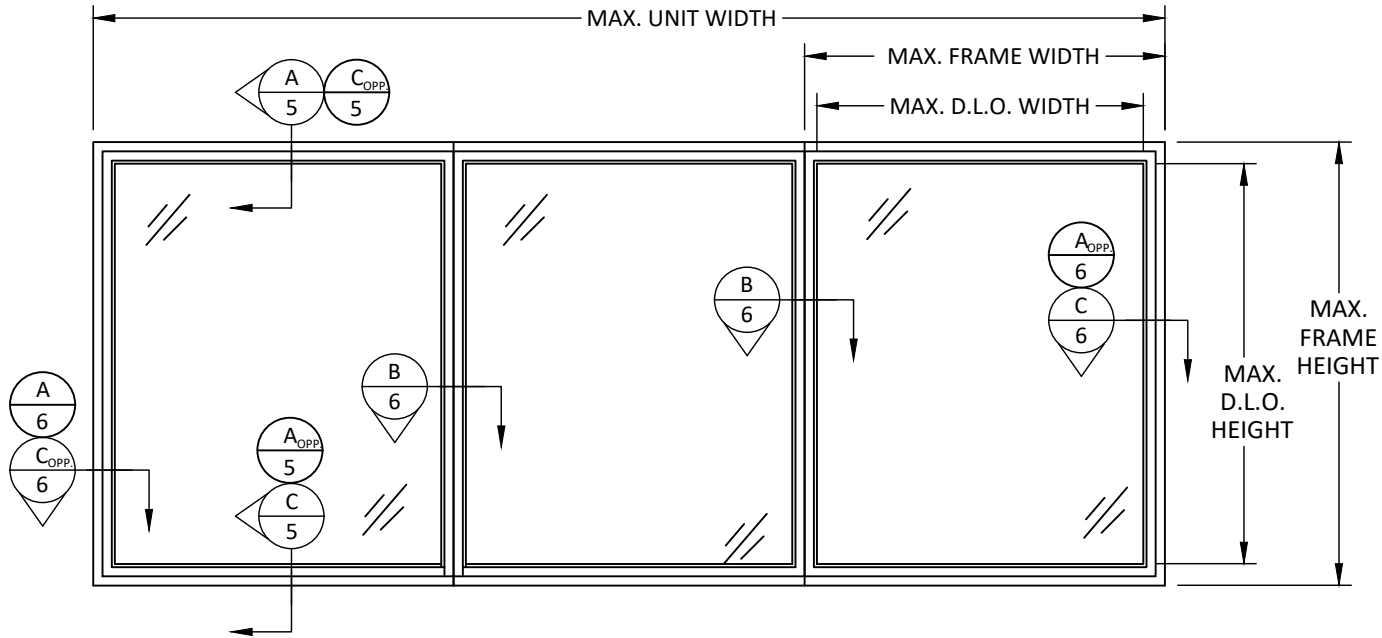
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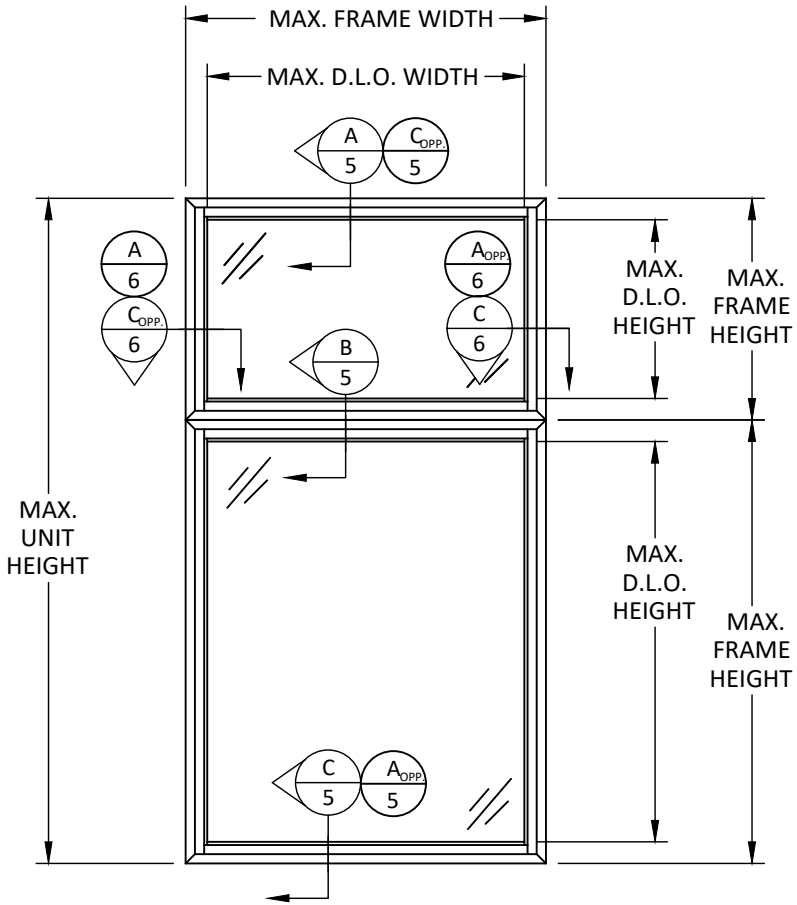
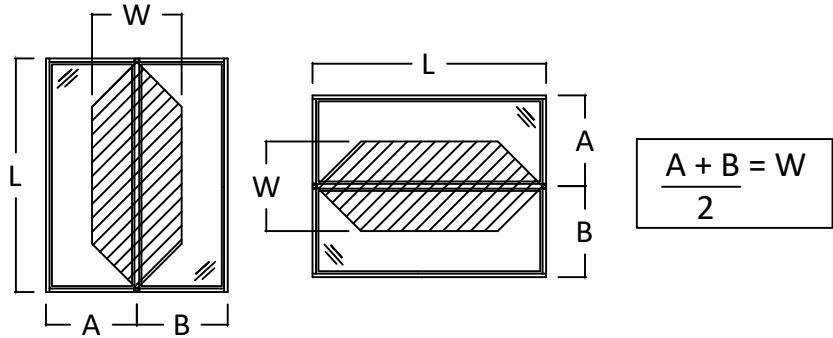
350 SERIES CLAD HP DIRECT SET - DESIGN PRESSURE (PSF) TABLE MULLED UNITS											
UNIT SPAN (IN.) (L)	UNIT TRIBUTARY WIDTH (IN.) (W)										
		36	42	48	54	60	66	72	78	84	90
	48	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	59.7
	54	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	-	-
	60	60.0	60.0	60.0	60.0	60.0	60.0	60.0	-	-	-
	66	60.0	60.0	60.0	60.0	60.0	-	-	-	-	-
	72	60.0	60.0	60.0	60.0	60.0	-	-	-	-	-
	78	60.0	60.0	60.0	59.5	-	-	-	-	-	-
	84	60.0	60.0	60.0	-	-	-	-	-	-	-
	90	60.0	60.0	59.7	-	-	-	-	-	-	-

NOTE:

- SEE DIAGRAM, FOR DETAILS ON HOW TO CALCULATE TRIBUTARY WIDTH.
- DESIGN PRESSURE IS LIMITED TO THE MINIMUM DESIGN PRESSURE BETWEEN TABLES SHOWN ON SHEET 2 AND 3.
- WHEN UNITS ARE STACKED VERTICALLY, THE MANUFACTURER/INSTALLER SHALL ENSURE THAT THE WEIGHT OF THE UNITS ABOVE WILL NOT CAUSE DEFLECTIONS OR STRESSES WHICH WILL AFFECT OPERATION OR STRUCTURAL ADEQUACY OF UNITS BELOW.



ELEVATION



ELEVATION



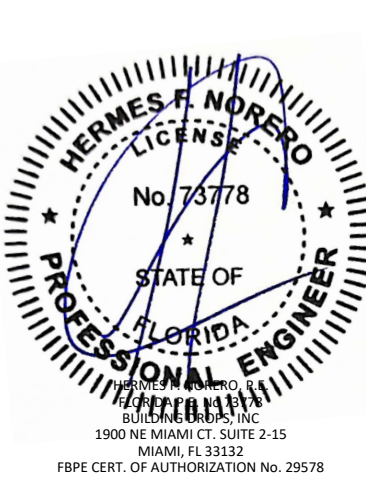
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ELEVATIONS & DESIGN PRESSURE TABLE
FOR MULLED UNITS

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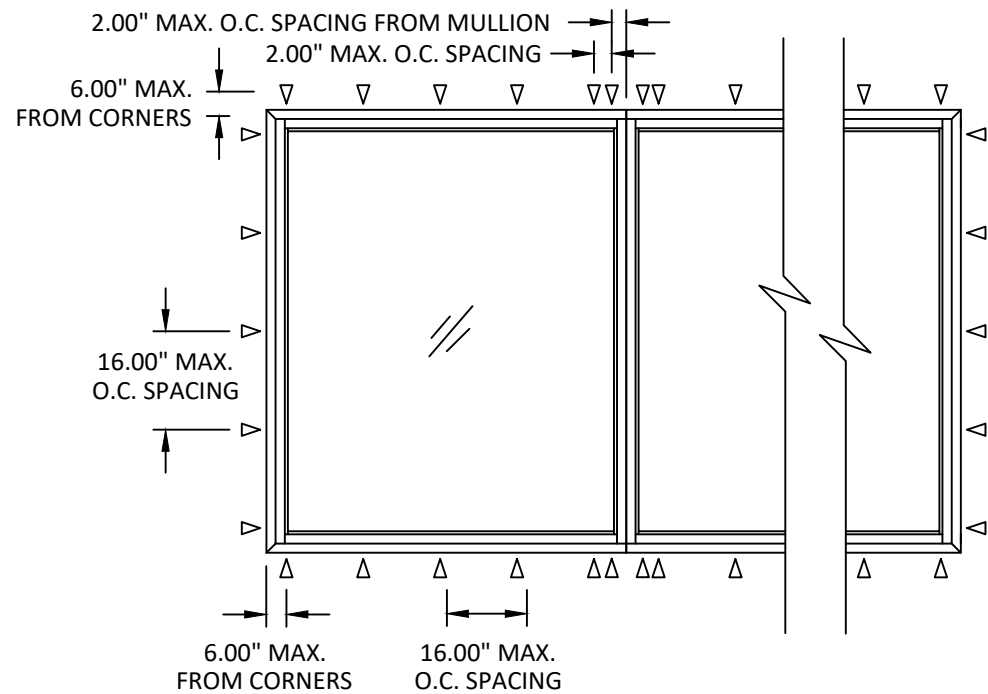
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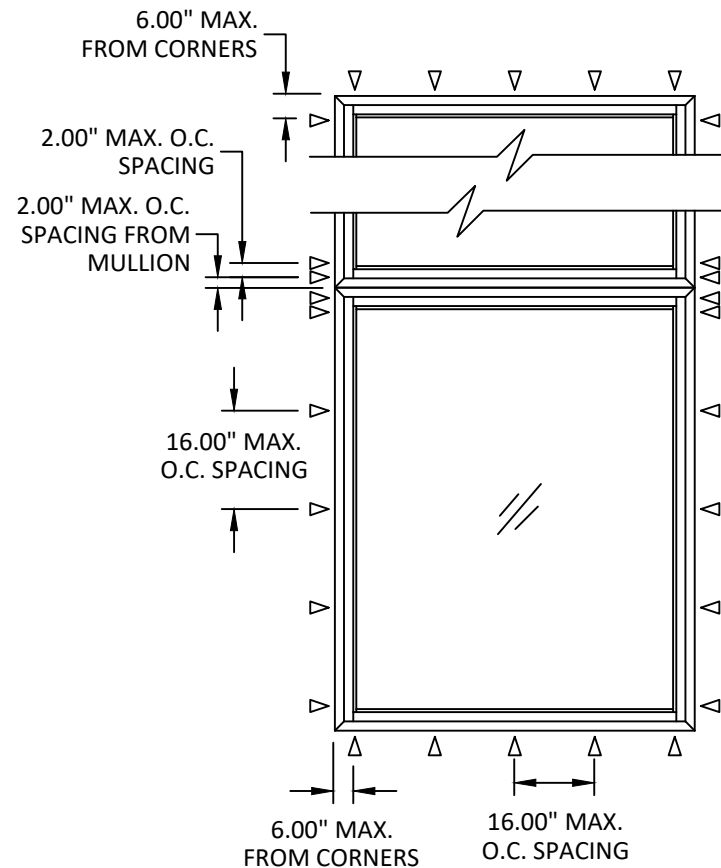
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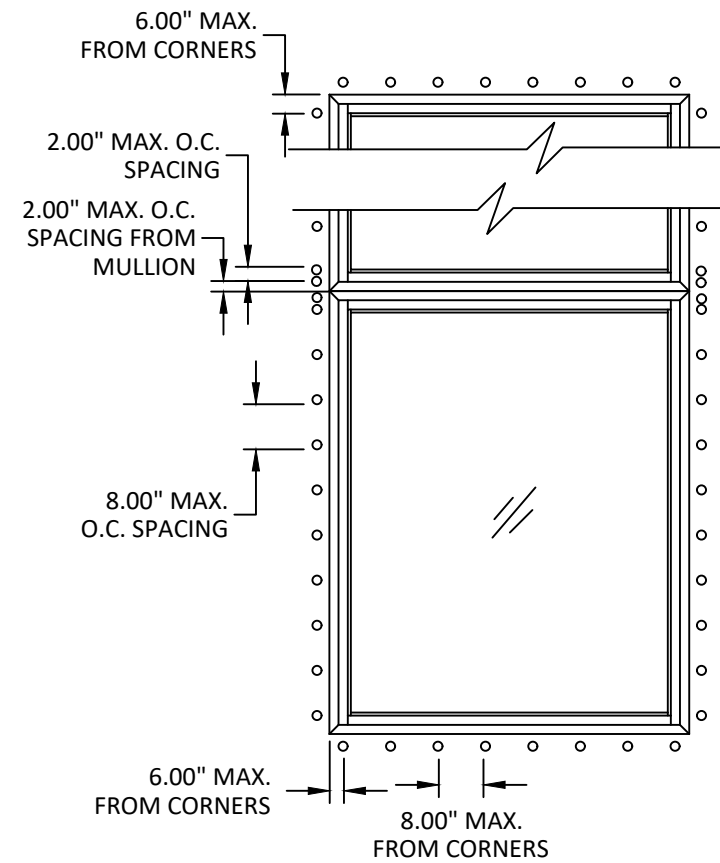
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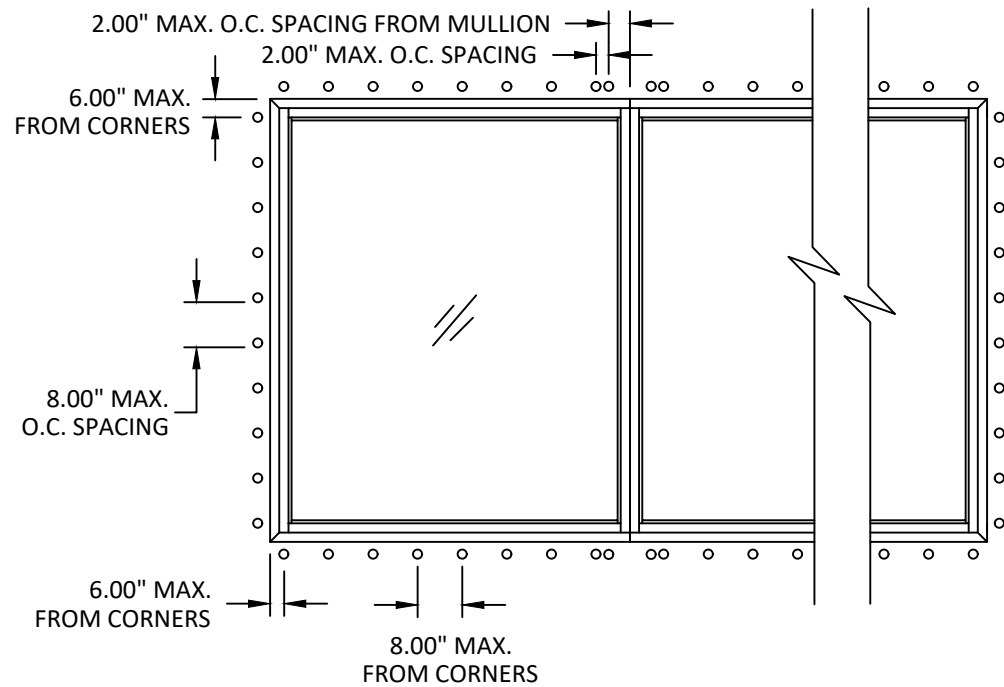
ANCHOR LAYOUT
THROUGH FRAME INSTALLATION



ANCHOR LAYOUT
THROUGH FRAME INSTALLATION



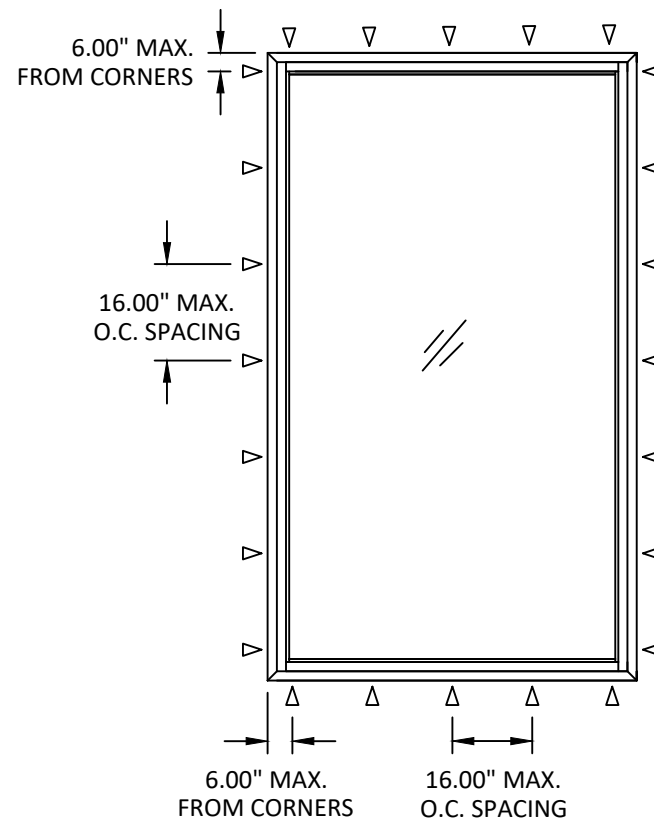
ANCHOR LAYOUT
FIN INSTALLATION



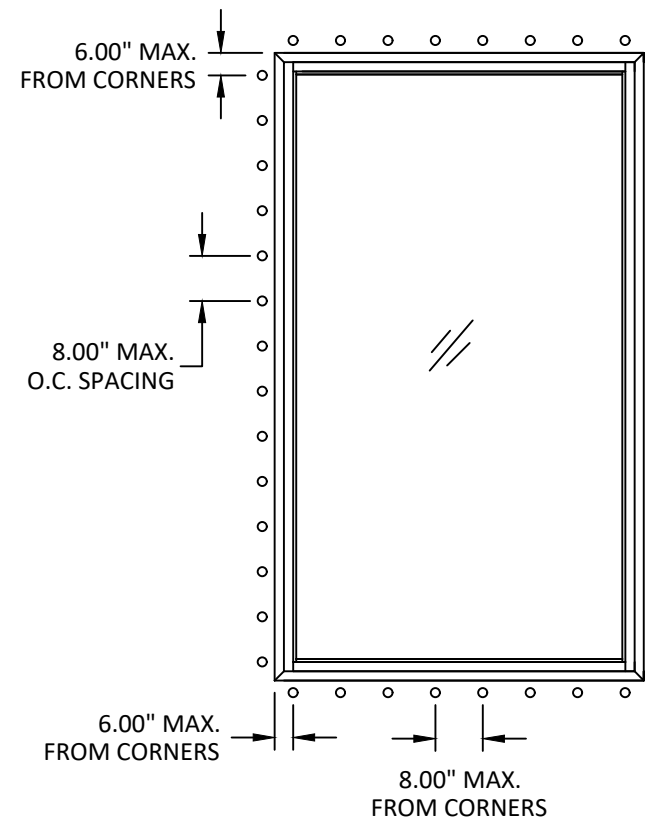
ANCHOR LAYOUT
FIN INSTALLATION

INSTALLATION LEGEND:

- △ FRAME INSTALL ANCHOR
(SEE SHEET 7)
- FIN INSTALL ANCHOR
(SEE SHEET 7)



ANCHOR LAYOUT
THROUGH FRAME INSTALLATION



ANCHOR LAYOUT
FIN INSTALLATION



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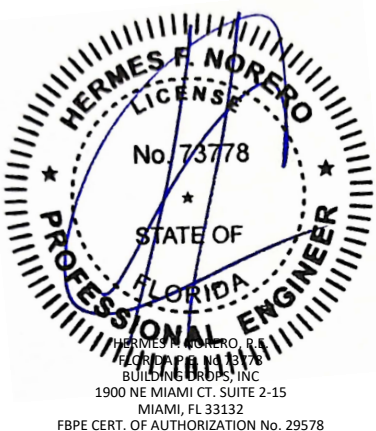
ANCHOR LAYOUTS

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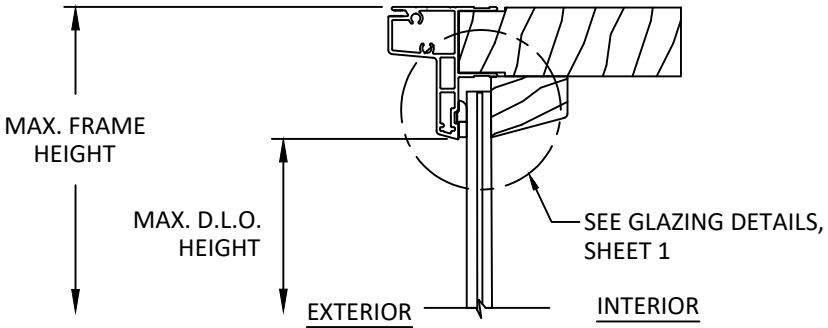
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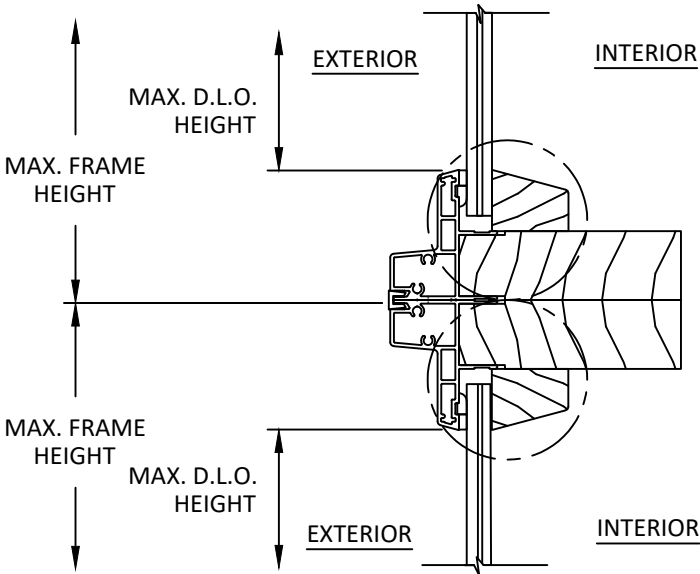


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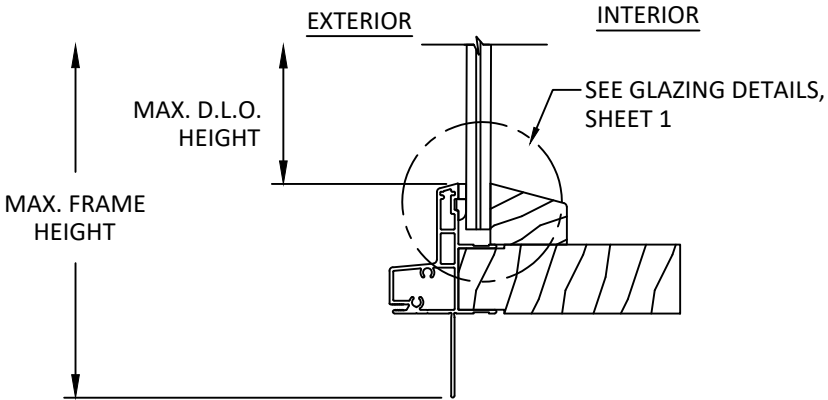
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A
5 VERTICAL SECTION
TYP. HEAD



B
5 VERTICAL SECTION
TYP. MULLED DETAIL



C
5 VERTICAL SECTION
TYP. SILL
FIN INSTALLATION



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VERTICAL SECTIONS

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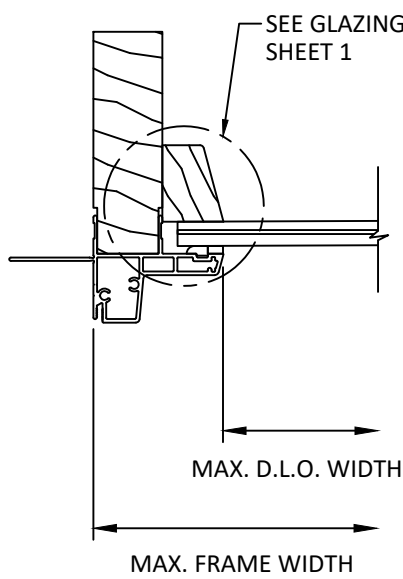
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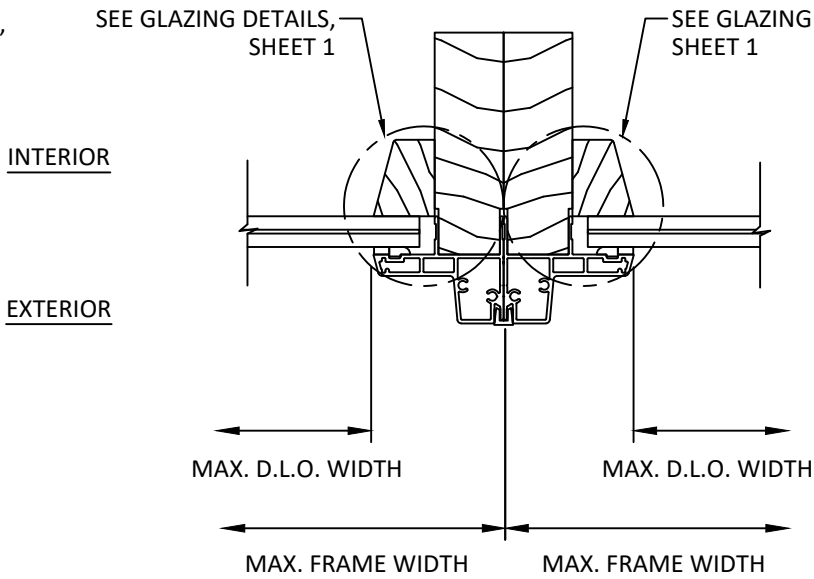
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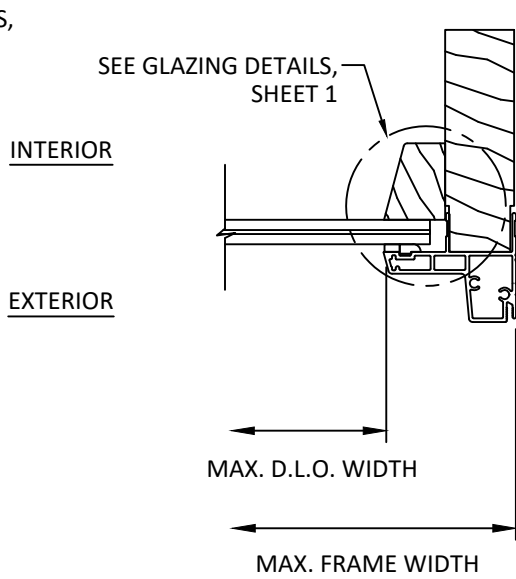
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A
6 HORIZONTAL SECTION
TYP. JAMB
FIN INSTALLATION



B
6 HORIZONTAL SECTION
TYP. MULLION DETAIL



C
6 HORIZONTAL SECTION
TYP. JAMB



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HORIZONTAL SECTIONS

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