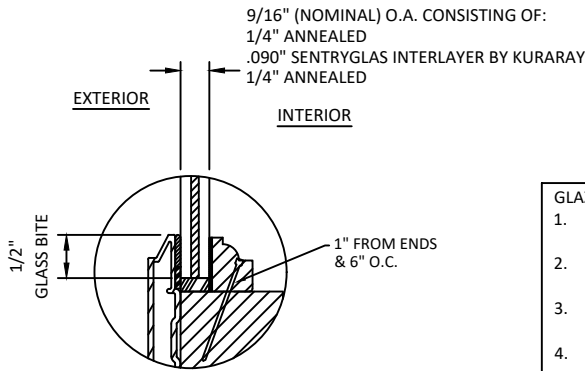


ANDERSEN CORPORATION

E-SERIES FIXED CASEMENT WINDOW - DIRECT SET (1-PC FRAME) (HVHZ) (IMPACT)

GENERAL NOTES:

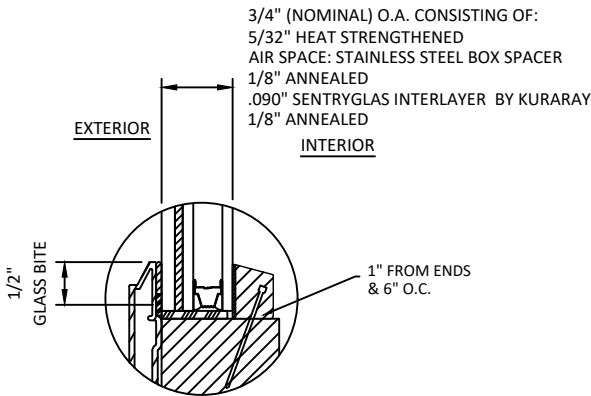
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING 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.
- 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 NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: *ALUMINUM CLAD WOOD*.
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300. SEE GLAZING DETAILS ON SHEET 1.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:**
X: *OPERABLE PANEL*
O: *FIXED PANEL*
- CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.



GLAZING DETAIL G1
SHOWN WITH COLONOAL GLASS STOP

GLAZING NOTES:

- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- GLASS TYPE SHALL COMPLY WITH APPLICABLE GLAZING REQUIREMENTS PER CHAPTER 24 OF THE FBC



GLAZING DETAIL G2
SHOWN WITH CONTEMPORARY GLASS STOP

WINDOW TYPE	OVERALL FRAME SIZE		OVERALL D.L.O. DIMENSION		GLASS TYPE	DESIGN PRESSURE (PSF)	
	WIDTH (IN.)	HEIGHT (IN.)	WIDTH (IN.)	HEIGHT (IN.)		POS.	NEG.
FIXED	48.0	72.0	41.875	65.875	G2	+65	-75
FIXED	60.0	96.0	53.875	89.875	G1	+70	-80

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SHEET	REVISION	SHEET DESCRIPTION
1	B	GENERAL NOTES AND GLAZING DETAILS
2	B	ELEVATIONS AND QUALIFIED CONFIGURATIONS
3	B	ANCHOR LAYOUTS
4	B	VERTICAL SECTIONS
5	B	HORIZONTAL SECTIONS
6	B	ANCHOR DETAILS



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TITLE:
E-SERIES FIXED CASEMENT WINDOW - DIRECT
SET (1-PC FRAME) (HVHZ)(IMPACT)

GENERAL NOTES AND GLAZING DETAILS

PREPARED BY:

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398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
6TH FBC CODE CHANGE	RV	10/17
FORMAT UPDATE	LL	8/16

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BUILDING DROPS, INC
398 E. DANIA BEACH BLVD. # 338
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FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL24230

DATE: **10.12.17**

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SCALE: **NTS**

DWG. #: **AWD212**

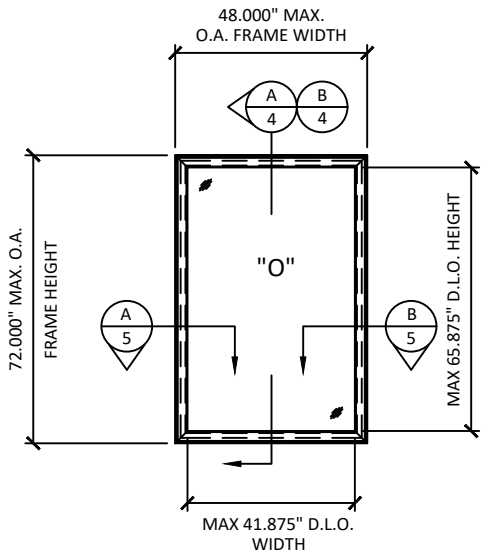
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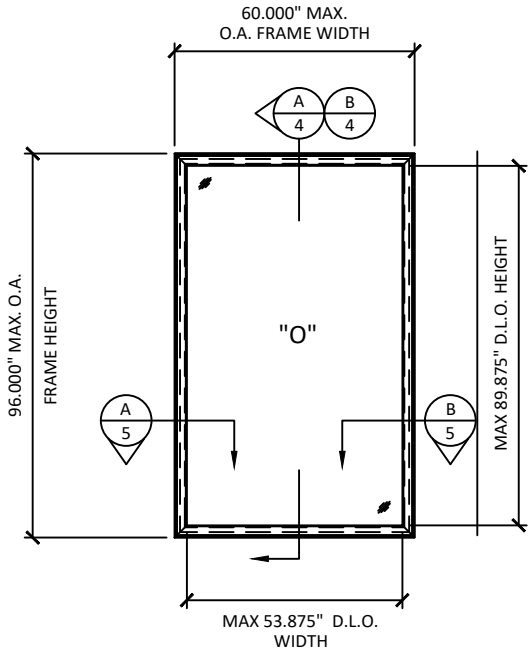
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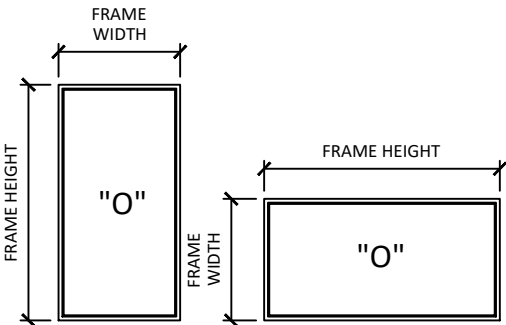
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ELEVATION
SINGLE UNIT



ELEVATION
SINGLE UNIT



NOTE:
WINDOW WIDTH AND HEIGHT ARE
INTERCHANGEABLE FOR ALL SIZES
SHOWN HEREIN NOT TO EXCEED
MAXIMUM QUALIFIED SQUARE
FOOT AREA.



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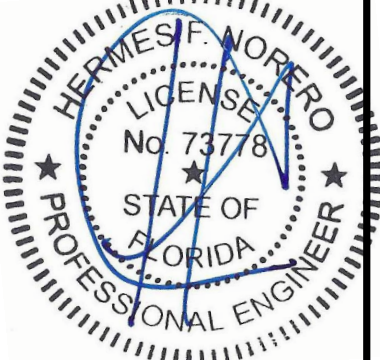
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SET (1-PC FRAME) (HVHZ)/(IMPACT)
ELEVATIONS AND QUALIFIED
CONFIGURATIONS

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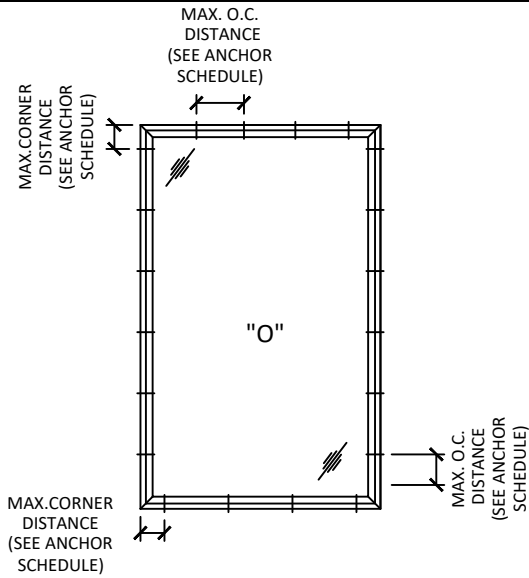
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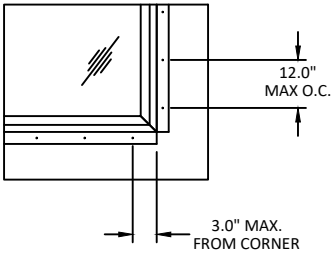
OF 6



STRAP/FASTENER THROUGH FRAME
ANCHORING
RETANGULAR/SQUARE SINGLE UNIT

NOTE:

VINYL NAILING FLANGE INSTALLATIONS ARE LIMITED TO INDIVIDUAL UNITS OR ASSEMBLIES EQUAL TO OR LESS THAN DP +50/-50 AND EQUAL TO OR LESS THAN 30 SQUARE FEET.



ALUMINUM FIN ANCHORING
SINGLE UNIT

NOTE:

FOR MORE ANCHOR INFORMATION (INSTALLATION TYPE, SPACING, QUANTITY, ANCHOR TYPE, QUALIFIED SUBSTRATES, SEE SHEET 6



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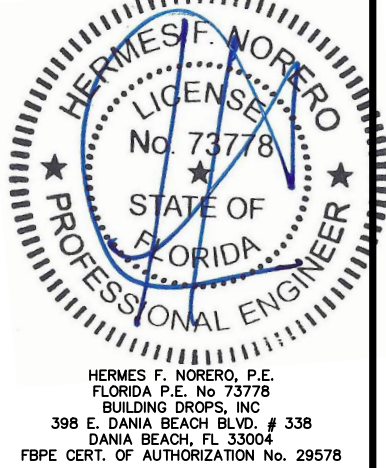
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ANCHOR LAYOUTS

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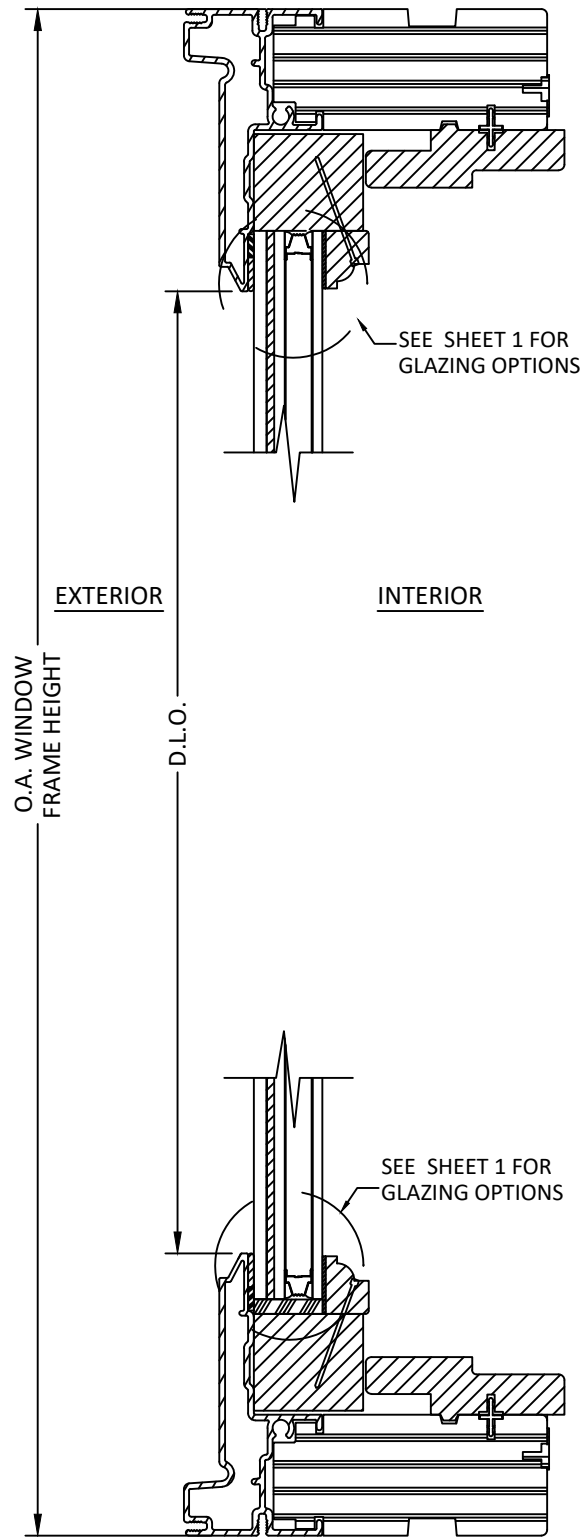
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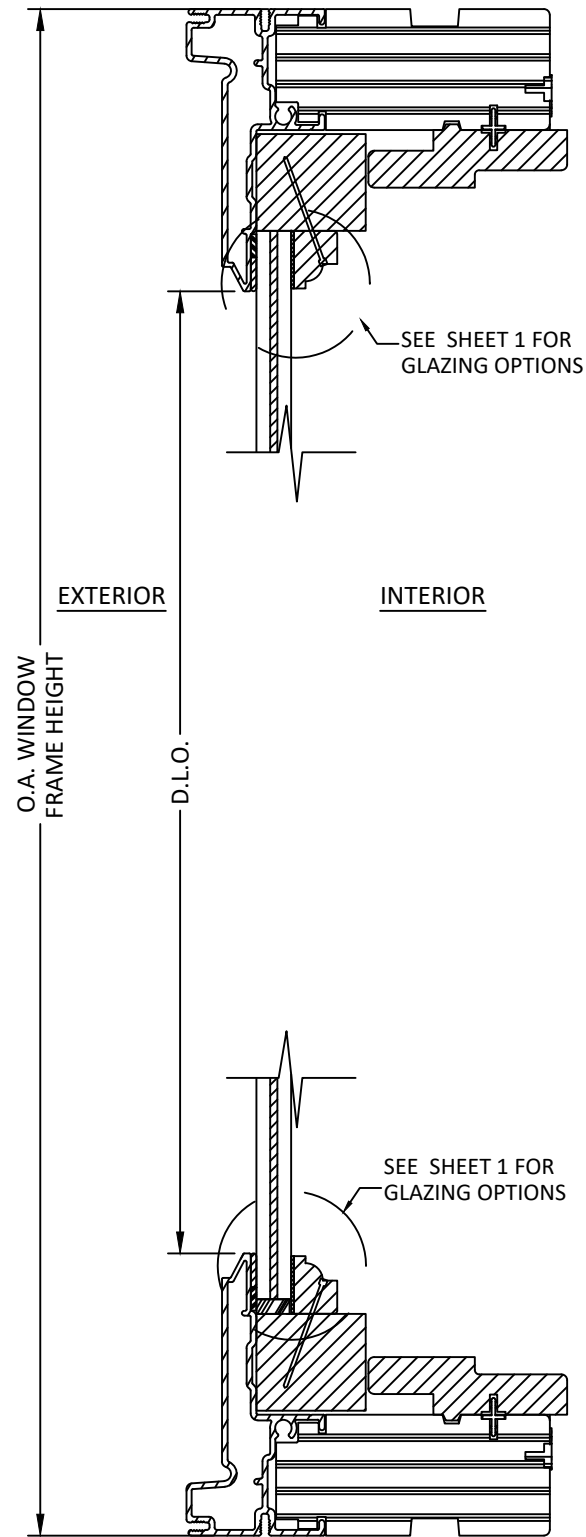
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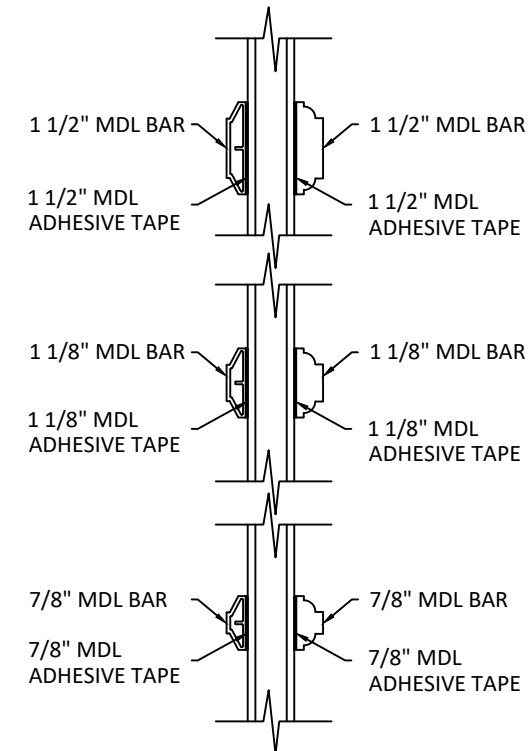
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A
4 VERTICAL SECTION
INSULATED GLASS



B
4 VERTICAL SECTION
MONOLITHIC GLASS



OPTIONAL MUNTIN BAR
ATTACHMENT TO GLASS



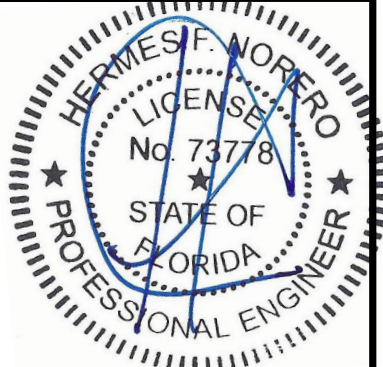
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VERTICAL SECTIONS

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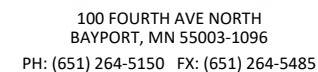
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RV	HFN
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DWG. #:	AWD212
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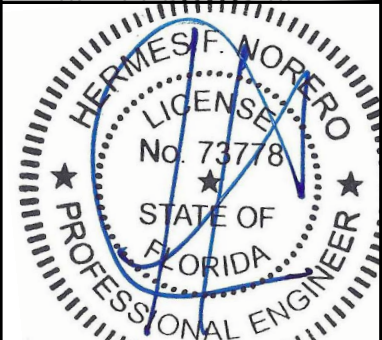


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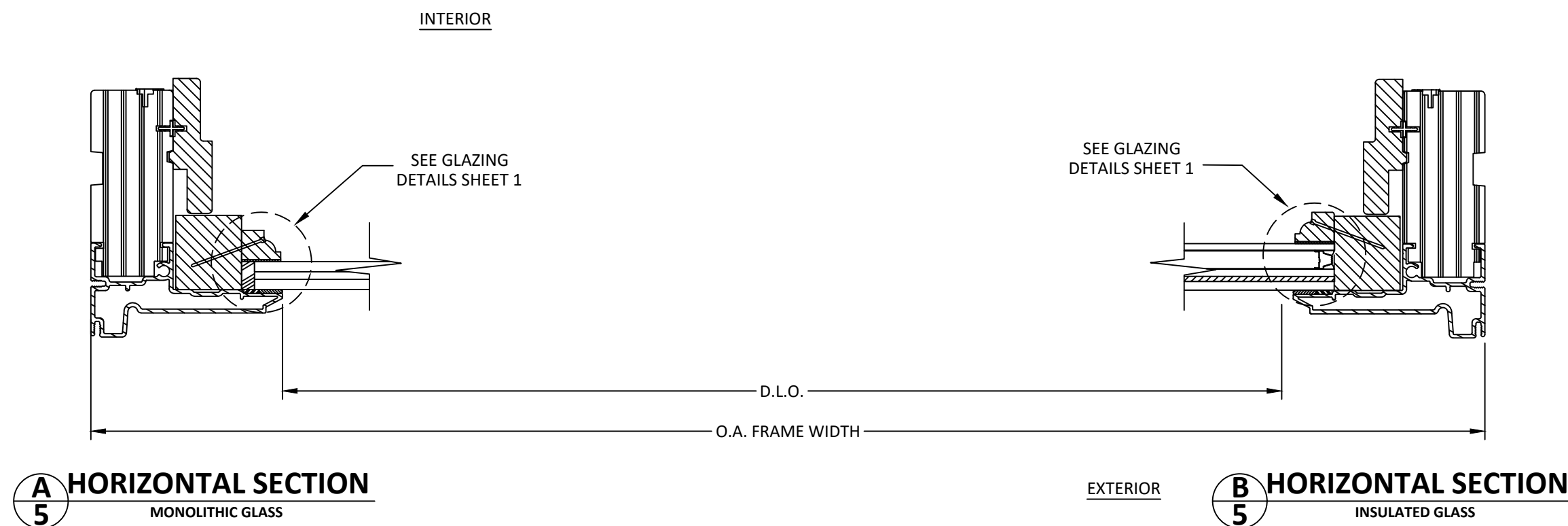
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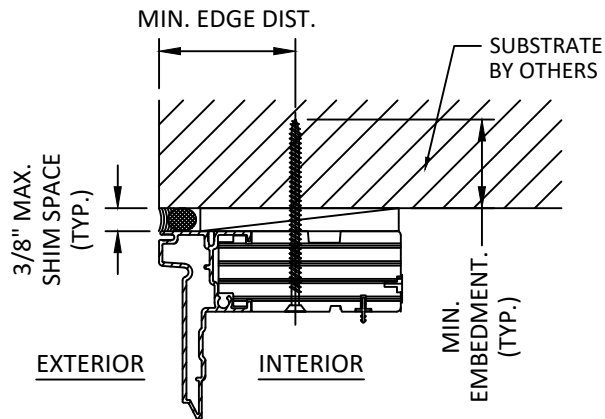
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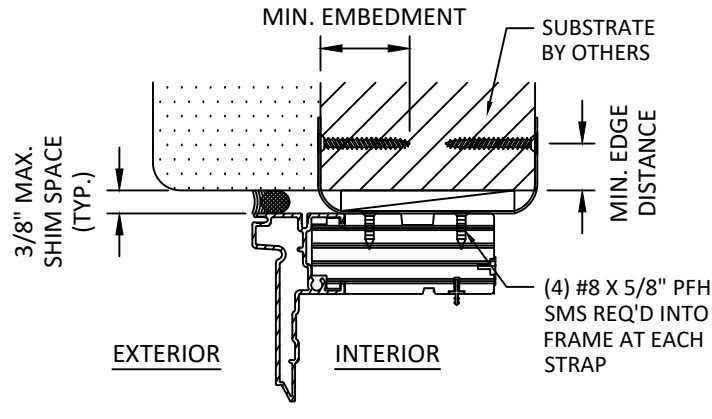
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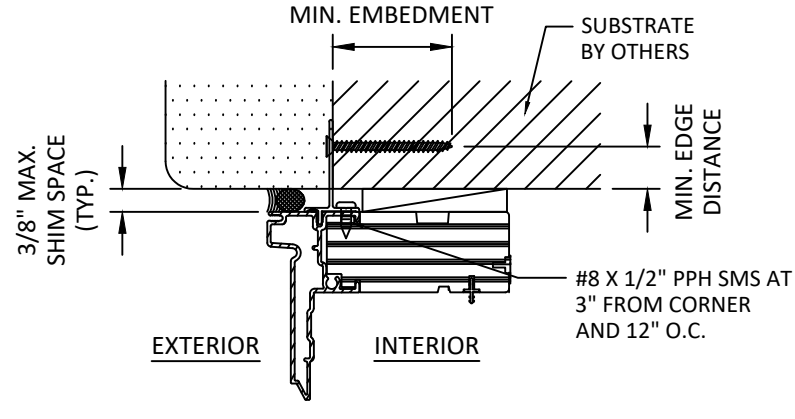
A
6 **ANCHOR DETAIL**
THROUGH FRAME

SILL & JAMB HAVE A SIMILAR DETAIL.



B
6 **ANCHOR DETAIL**
STRAP ANCHOR

SILL & JAMB HAVE A SIMILAR DETAIL.



C
6 **ANCHOR DETAIL**
ALUM. NAIL FIN

SILL & JAMB HAVE A SIMILAR DETAIL.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ 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.
4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
5. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
6. 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.
7. 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.

ANCHOR SCHEDULE								
INSTALLATION TYPE	QTY PER LOCATION	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)	MAX. HEAD/SILL O.C. DISTANCE (IN.)	MAX. JAMB O.C. DISTANCE (IN.)	MAX. CORNER DISTANCE (IN.)
STRAP	1	WOOD	#8 WOOD ANCHOR	1.50	0.75	16.0	18.0	6.0
	1	CONCRETE/MASONRY	3/16" ITW TAPCON	1.25	2.50			
	1	METAL STUD	#8 SELF-TAPPING SCREW	3 THREADS	0.75	16.0	18.0	6.0
THRU FRAME	1	WOOD	#10 WOOD ANCHOR	1.50	0.75			
	1	CONCRETE/MASONRY	3/16" ITW TAPCON	1.25	2.50	12.0	12.0	3.0
	1	METAL STUD	#10 SELF-TAPPING SCREW	3 THREADS	0.75			
THRU ALUMINUM NAIL FIN	1	WOOD	11 GA. ROOFING NAIL	1.50	0.75	12.0	12.0	3.0
	1	WOOD	#8 WOOD ANCHOR	1.50	0.75			
	1	METAL STUD	#8 SELF-TAPPING SCREW	3 THREADS	0.75			



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ANCHOR DETAILS

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SHEET:
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OF 6