

ANDERSEN CORPORATION

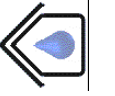
E-SERIES ARCH CASEMENT WINDOW (HVHZ) (IMPACT)



100 FOURTH AVE. NORTH
BAYPORT, MN 55003-1096
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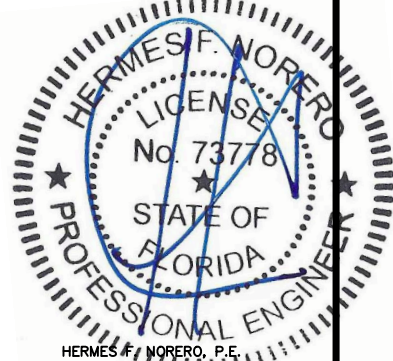
TITLE: E-SERIES ARCH CASEMENT WINDOW (HVHZ) (IMPACT)
GENERAL NOTES AND GLAZING DETAILS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
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REMARKS	BY	DATE
6TH FBC EDITION	FM	10/17
FORMAT UPDATE	LL	8/16

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HERMES F. NORERO, P.E.
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BUILDING DROPS, INC.
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FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL24226**

DATE: **10.12.17**

DWG. BY: **RV** CHK. BY: **HFN**

SCALE: **NTS**

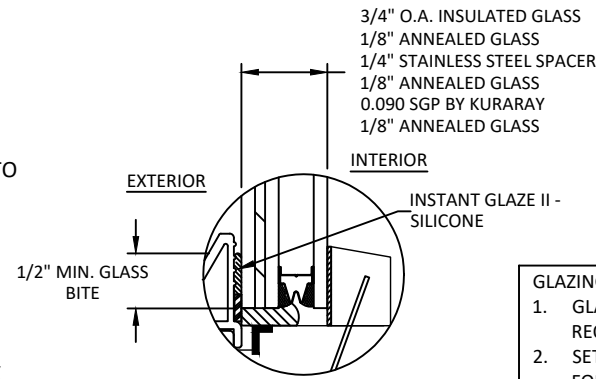
DWG. #: **AWD207**

SHEET
1
OF 6

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GENERAL NOTES:

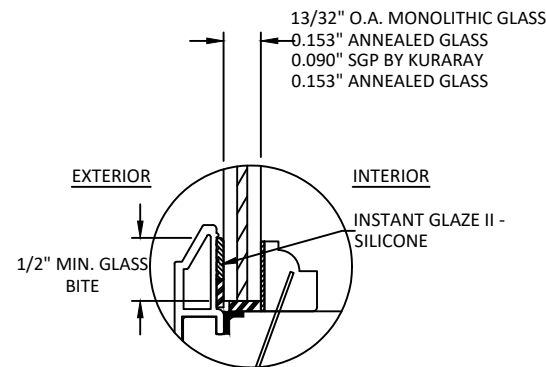
- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X AND METAL STUD FRAMING 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.
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- 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 1
SHOWN WITH CONTEMPORARY GLASS STOP

GLAZING NOTES:

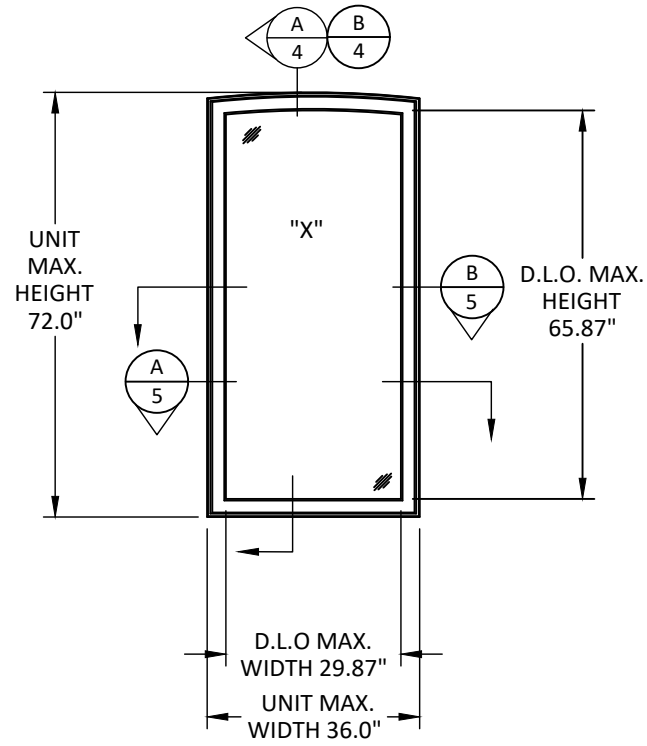
- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- GLASS TYPE SHALL COMPLY WITH APPLICABLE GLAZING REQUIREMENTS PER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



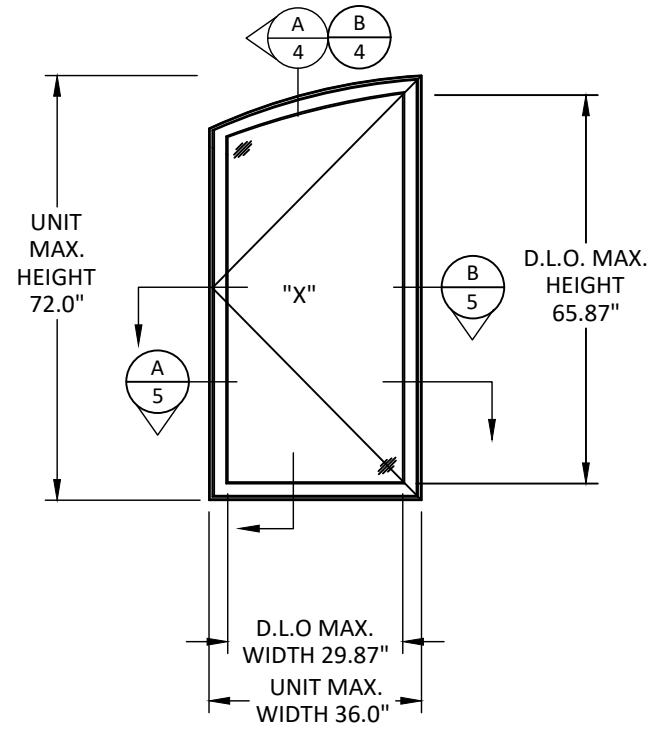
GLAZING DETAIL 2
SHOWN WITH COLONIAL GLASS STOP

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2	C	ELEVATIONS
3	C	ANCHOR LAYOUTS
4	C	VERTICAL SECTIONS
5	C	HORIZONTAL SECTIONS
6	C	ANCHOR DETAILS

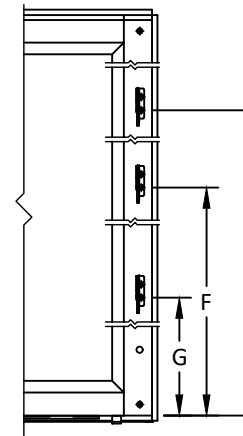
WINDOW TYPE	OVERALL FRAME SIZE		OVERALL D.L.O. DIMENSION		GLASS TYPE	No. LOCK POINTS	DESIGN PRESSURE (PSF)	
	WIDTH (IN.)	HEIGHT (IN.)	WIDTH (IN.)	HEIGHT (IN.)			POS.	NEG.
SINGLE	36.0	72.0	29.87	65.87	G1	3	+55	-65
SINGLE	36.0	66.0	29.87	61.87	G1	2	+55	-65
SINGLE	36.0	72.0	29.87	65.87	G2	3	+65	-75



ELEVATION
SINGLE UNIT



ELEVATION
SINGLE UNIT



KEEPER LOCATION			
FRAME HEIGHT	E (IN)	F (IN)	G (IN)
<=32	15.750	-	-
<36	11.500	21.750	-
<=40	11.500	27.750	-
<=48	11.500	33.750	-
<=54	11.500	39.750	-
<=60	11.500	45.750	-
<=66	11.500	51.750	-
72	11.500	34.656	57.812



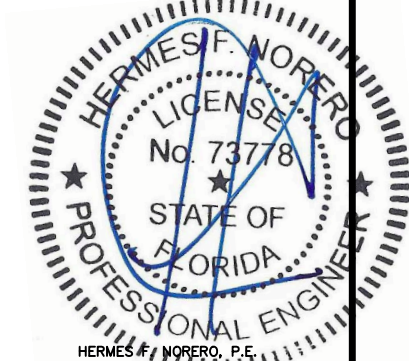
100 FOURTH AVE. NORTH
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TITLE: E-SERIES ARCH CASEMENT WINDOW (HVHZ) (IMPACT) ELEVATIONS

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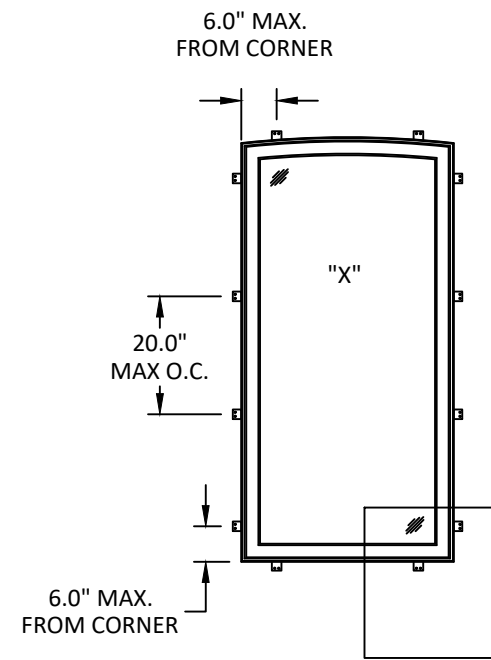
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SCALE: **NTS**

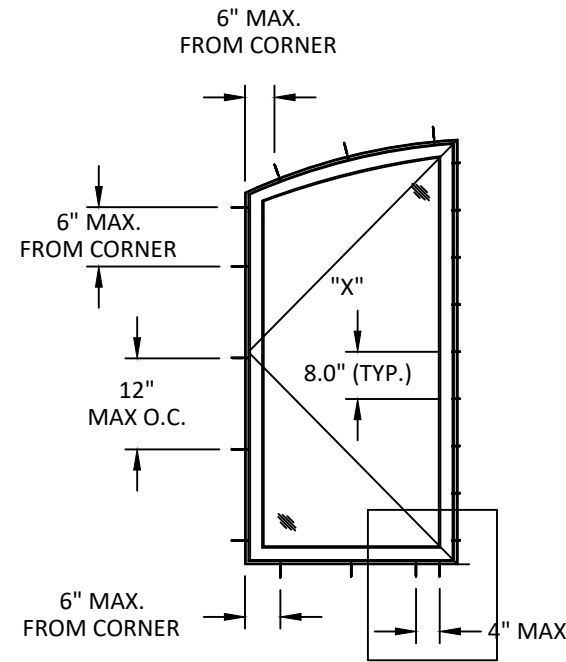
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SHEET **2**

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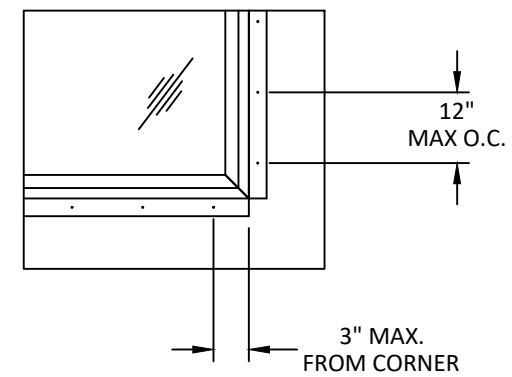
**ANCHOR LAYOUT
THROUGH FRAME**



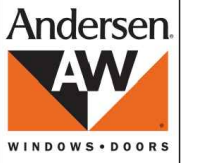
**ANCHOR LAYOUT
THROUGH FRAME**

NOTE :

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



**ALUMINUM FIN ANCHORING
SINGLE UNIT**



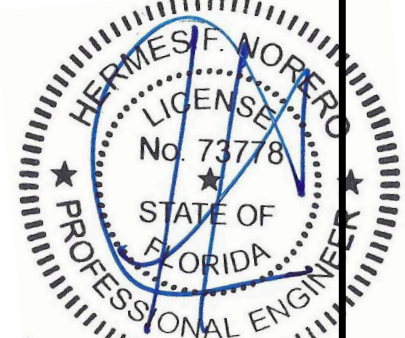
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ANCHOR LAYOUTS

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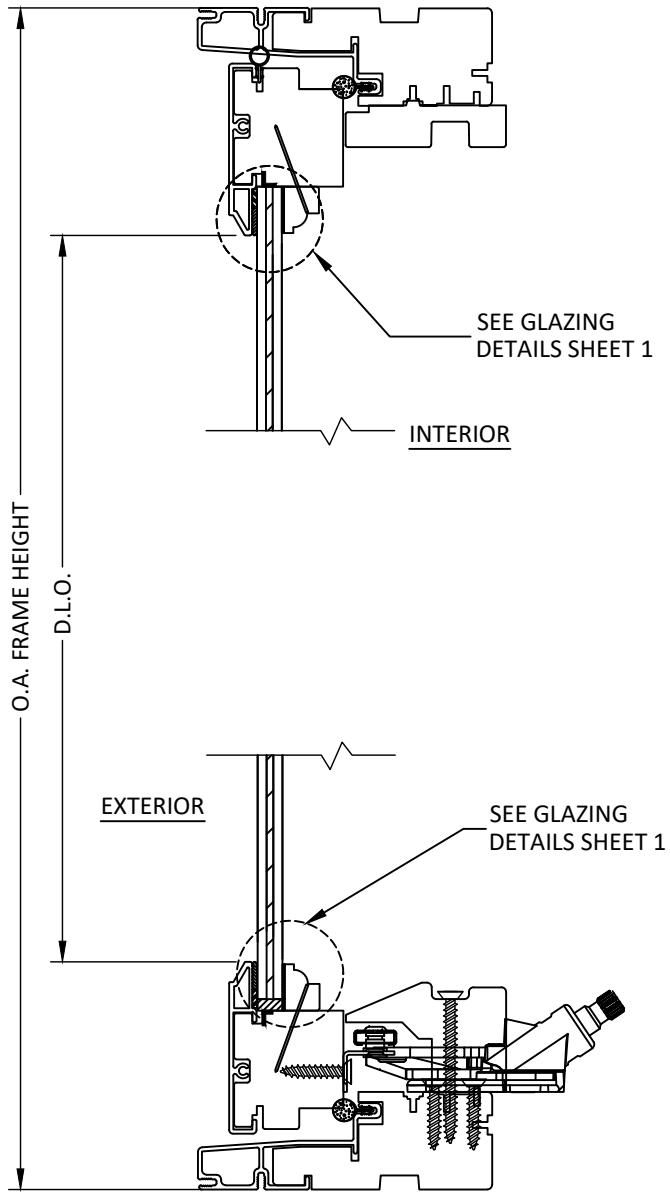
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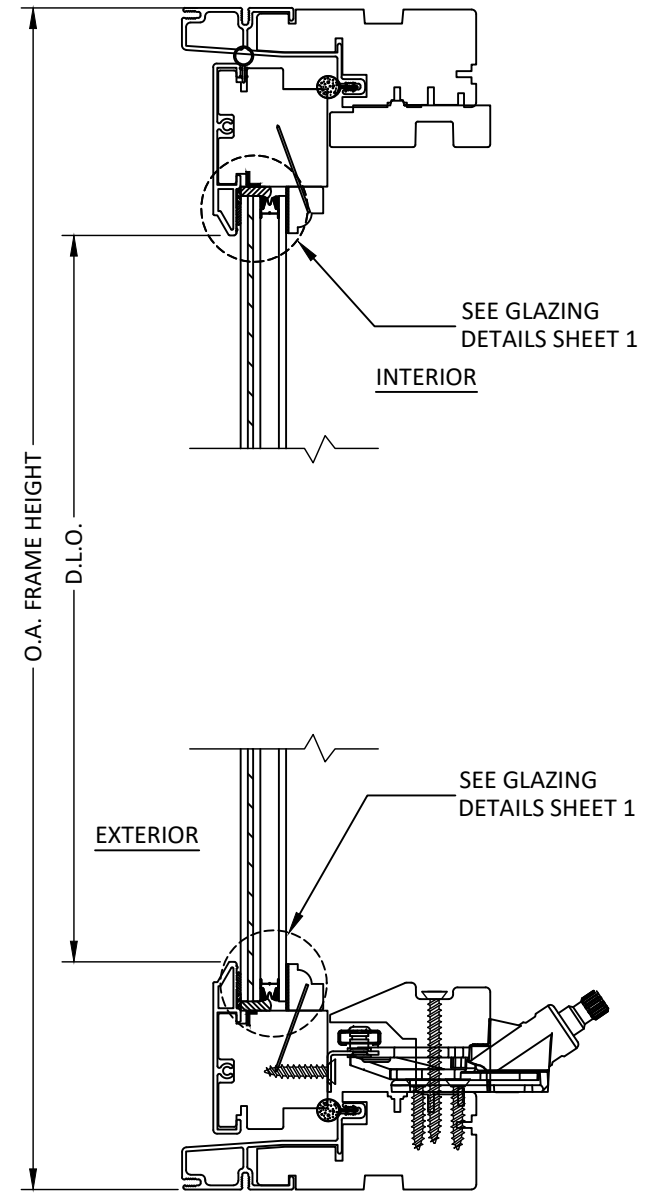
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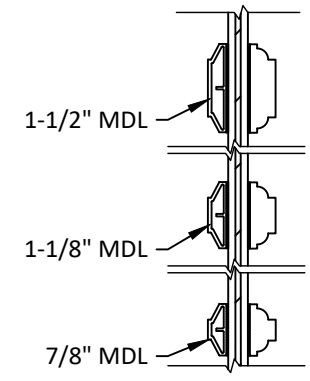
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A
4 **HORIZONTAL SECTION**
MONOLITHIC GLASS



B
4 **HORIZONTAL SECTION**
INSULATED GLASS



**OPTIONAL MUNTIN BAR
ATTACHMENT TO GLASS**



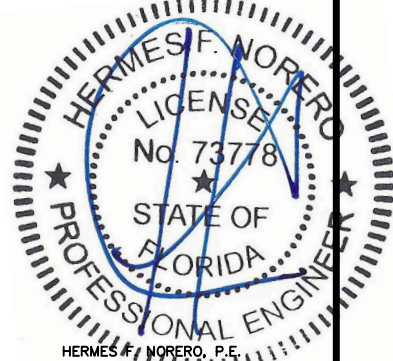
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TITLE: **E-SERIES ARCH CASEMENT WINDOW (HVHZ) (IMPACT)**
VERTICAL SECTIONS

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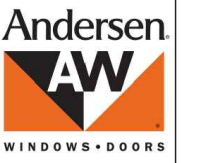
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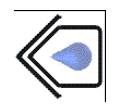
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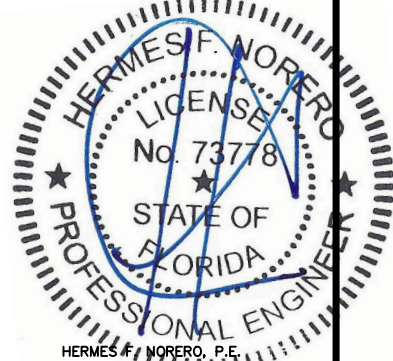
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TITLE: E-SERIES ARCH CASEMENT
WINDOW (HVHZ) (IMPACT)
HORIZONTAL SECTIONS

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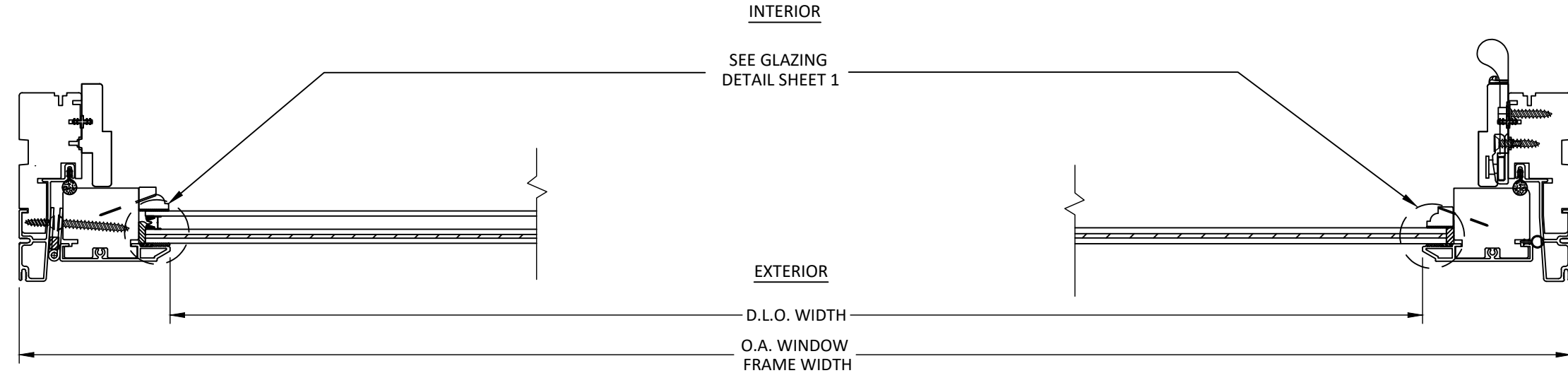
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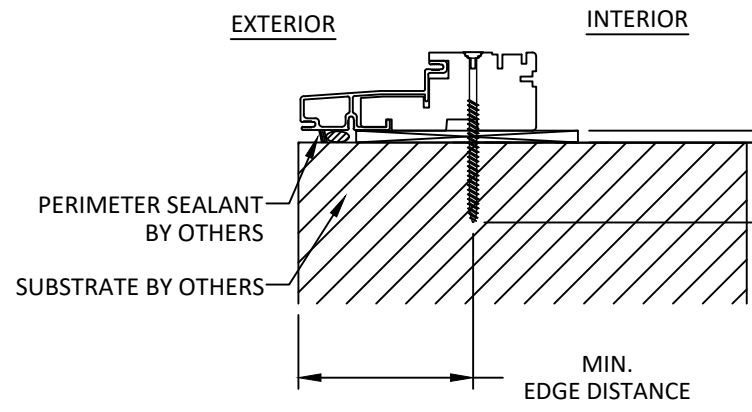
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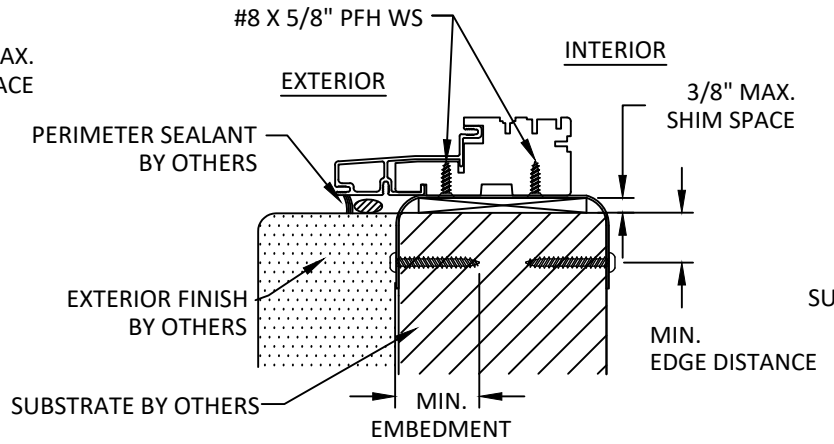
A
5 **HORIZONTAL SECTION**
INSULATED GLASS

B
5 **HORIZONTAL SECTION**
MONOLITHIC GLASS

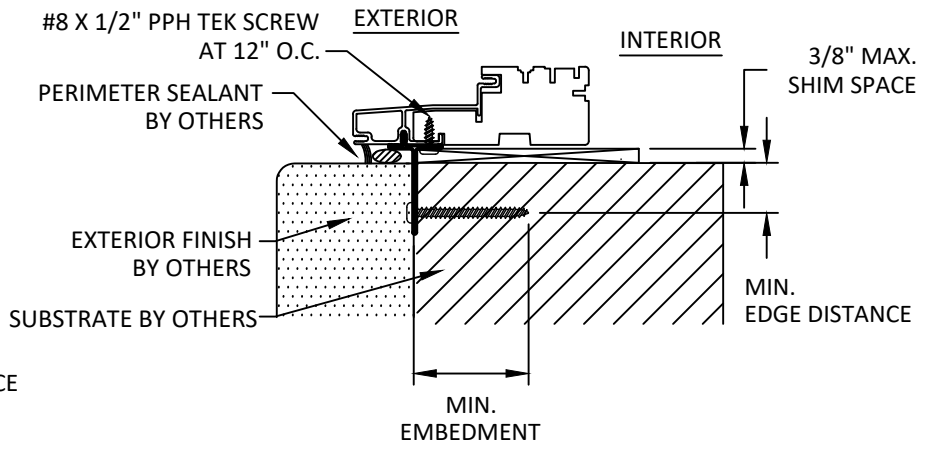
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A
6 **ANCHOR DETAIL**
THROUGH FRAME



B
6 **ANCHOR DETAIL**
STRAP ANCHOR



C
6 **ANCHOR DETAIL**
NAIL FIN

HEAD, SILL AND JAMB HAVE SIMILAR DETAILS

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 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 ±1/2 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 3/8 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 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.

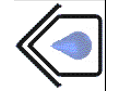
ANCHOR SCHEDULE					
INSTALLATION TYPE	QTY PER LOCATION	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)
STRAP	2	WOOD	#8 WOOD ANCHOR	1.5000	0.75
	2	"CONCRETE/MASONRY"	3/16" ITW TAPCON	1.2500	2.50
	2	METAL STUD	#8 SELF-TAPPING SCREW	3 THREADS	0.75
THRU FRAME	1	WOOD	#8 WOOD ANCHOR	1.5000	0.75
	1	"CONCRETE/MASONRY"	3/16" ITW TAPCON	1.2500	2.50
	1	METAL STUD	#10 SELF-TAPPING SCREW	3 THREADS	N/A
ALUMINUM NAILING FLANGE	1	WOOD	11 GA. ROOFING NAIL	1.5000	0.75
	1	WOOD	#8 WOOD ANCHOR	1.5000	0.75
	1	METAL STUD	#8 SELF-TAPPING SCREW	3 THREADS	0.75



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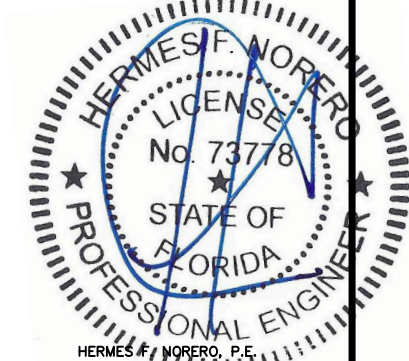
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