

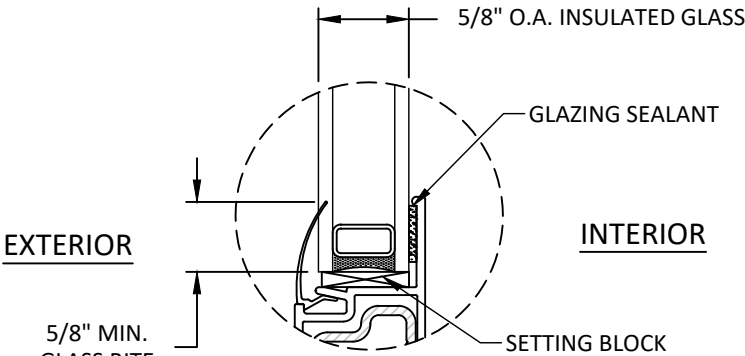
POCAHONTAS ALUMINUM COMPANY

V21 SINGLE HUNG WINDOW
(NON-HVHZ) (NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
2. 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.
3. 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.
4. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±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.
5. 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.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. WINDOW FRAME MATERIAL: PVC
8. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.

9. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE SASH
O: FIXED LITE



GLAZING DETAIL 1

- GLAZING NOTES:
1. GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES & GLAZING DETAIL
2	ELEVATION & ANCHOR LAYOUTS
3	VERTICAL SECTIONS
4	HORIZONTAL SECTIONS
5	ANCHOR DETAILS & INSTALLATION NOTES

DESIGN PRESSURE RATING		
FRAME SIZE	DESIGN PRESSURE	MISSILE IMPACT RATING
36" x 60"	±35 PSF	NON- IMPACT
36" x 68"	±20 PSF	
46" x 60"	±20 PSF	



POCAHONTAS ALUMINUM COMPANY, INC.
2100 INDUSTRIAL DRIVE
POCAHONTAS, AR 72455
PH: (870) 892-3689 Ext 102

TITLE: V21 SINGLE HUNG WINDOW (NON-HVHZ) (NON-IMPACT)

GENERAL NOTES & GLAZING DETAILS

PREPARED BY:

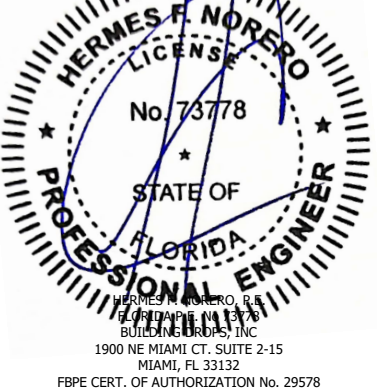
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com

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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: 2026.05.21 18:24:11 -04'00'



FL #:

FL48212

DATE: 05.4.2026

DWG. BY: HJ

CHK. BY: HFN

SCALE: NTS

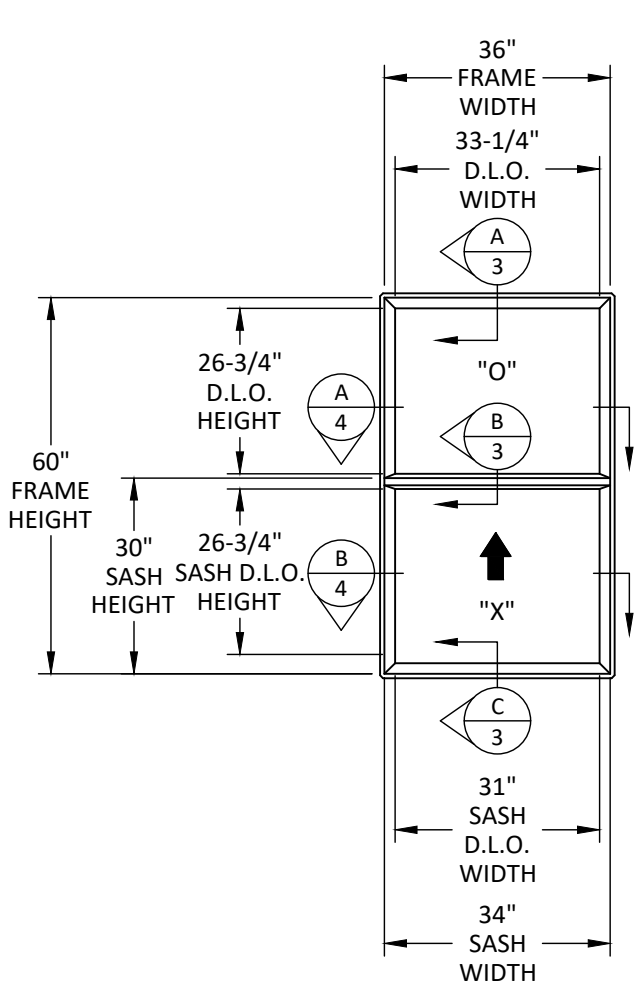
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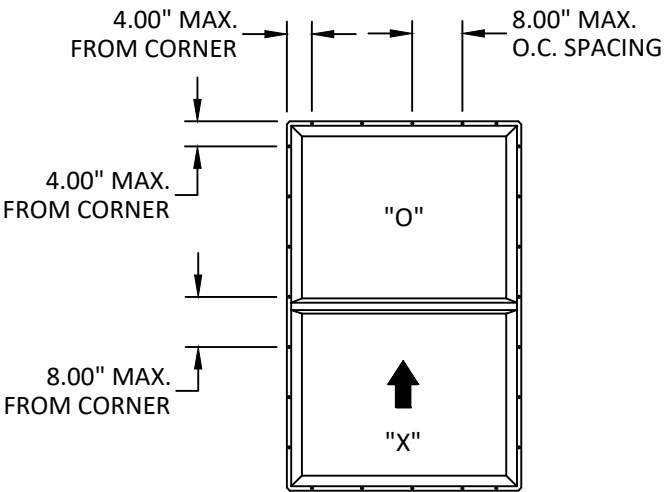
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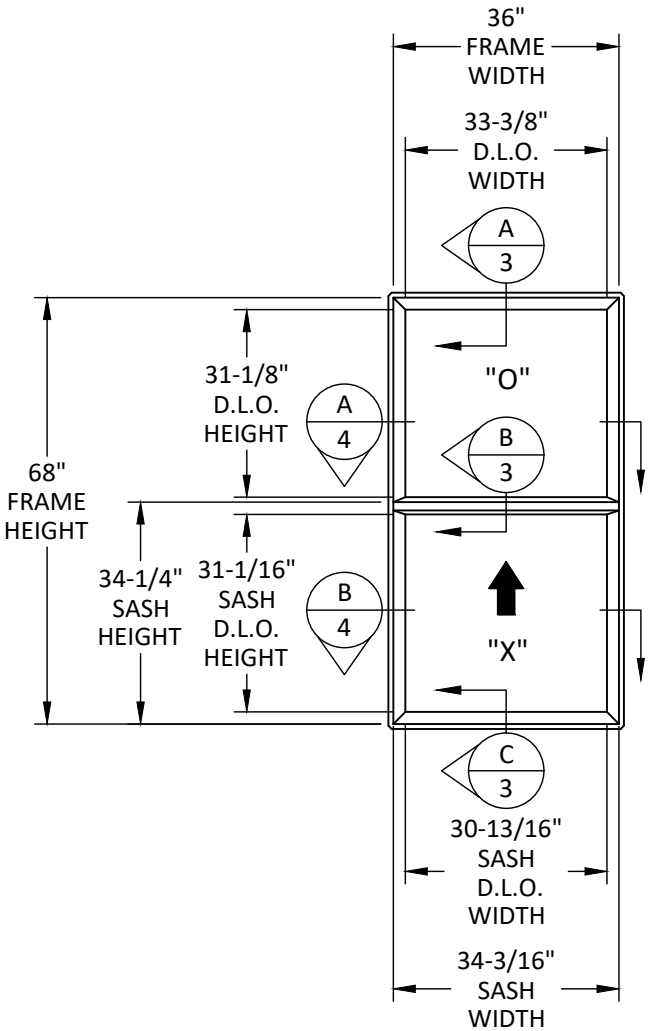
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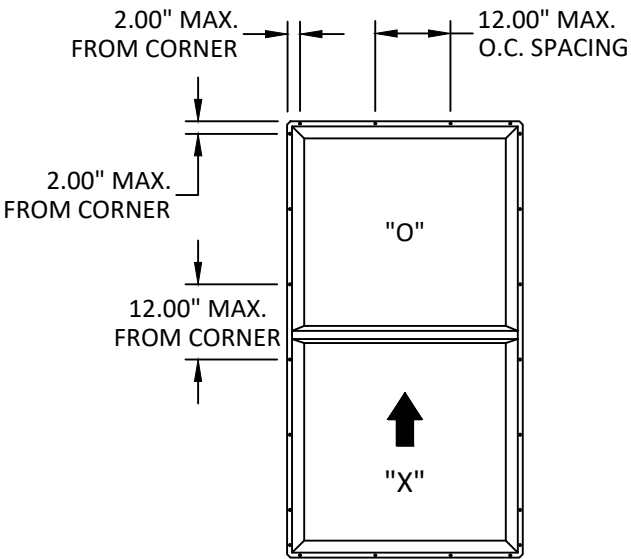
TYPICAL ELEVATION



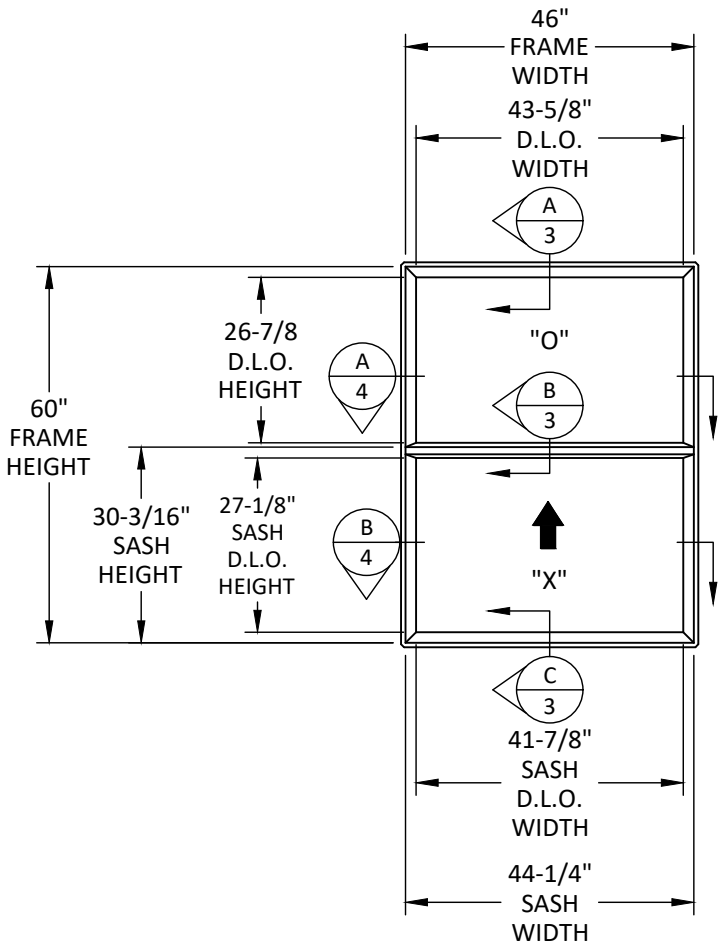
ANCHOR LAYOUT
NAIL FIN INSTALLATION



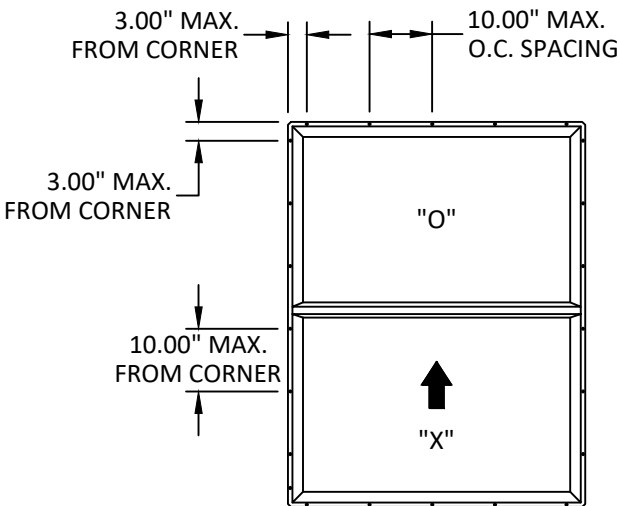
TYPICAL ELEVATION



ANCHOR LAYOUT
NAIL FIN INSTALLATION



TYPICAL ELEVATION



ANCHOR LAYOUT
NAIL FIN INSTALLATION



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ELEVATION & ANCHOR LAYOUTS

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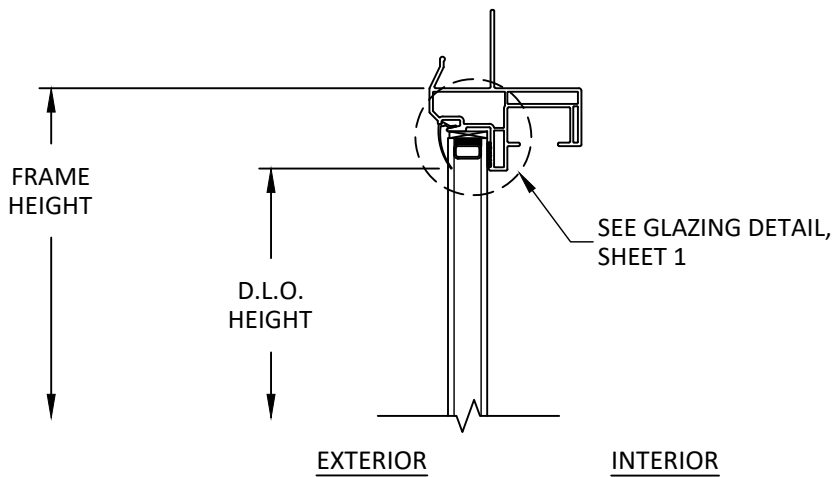
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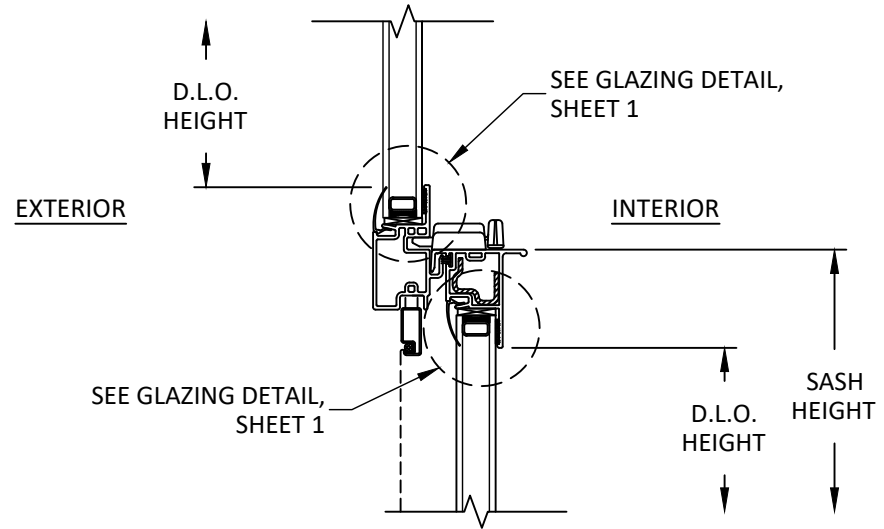


FL #:	FL48212
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DWG. BY:	HJ
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	PAC005
SHEET:	2

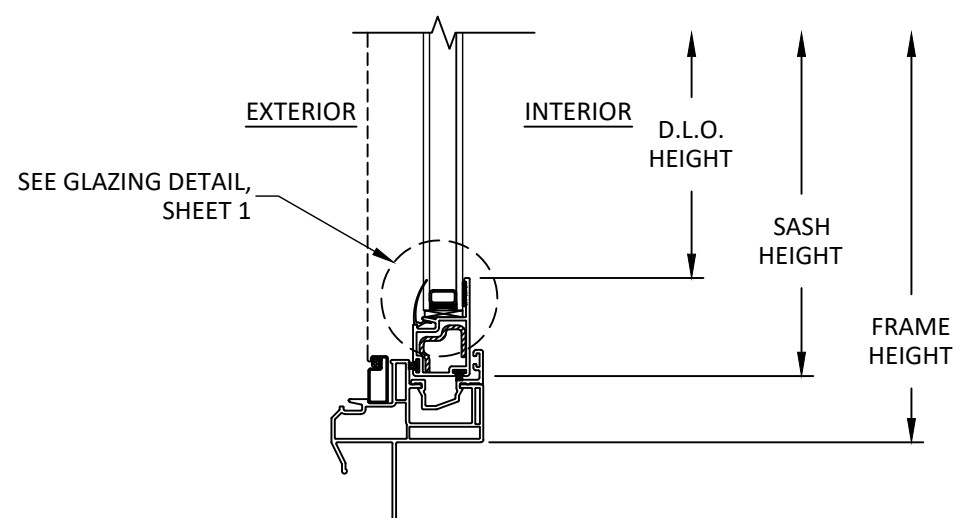
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A
3 VERTICAL SECTION
HEAD



B
3 VERTICAL SECTION
MEETING RAIL



C
3 VERTICAL SECTION
OPERABLE SILL



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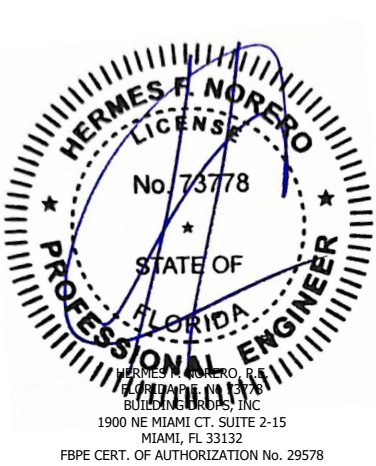
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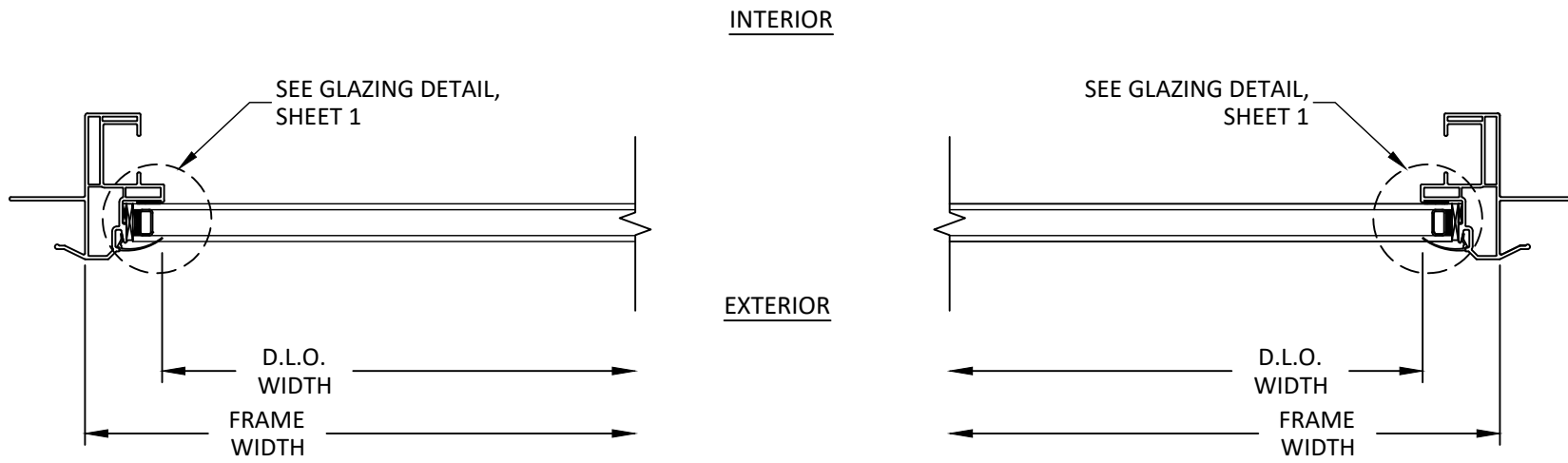
CHK. BY: HFN

SCALE: NTS

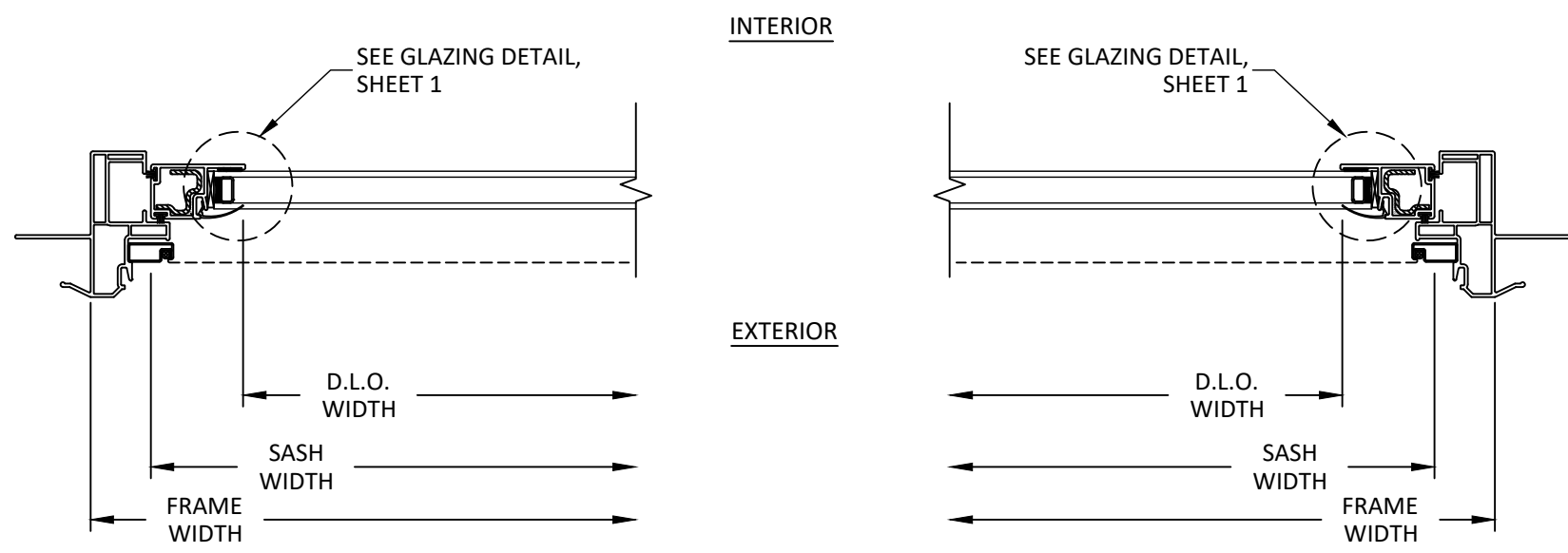
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SHEET: 3 OF 5

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A
4 **HORIZONTAL SECTION**
FIXED SASH



B
4 **HORIZONTAL SECTION**
OPERABLE SASH



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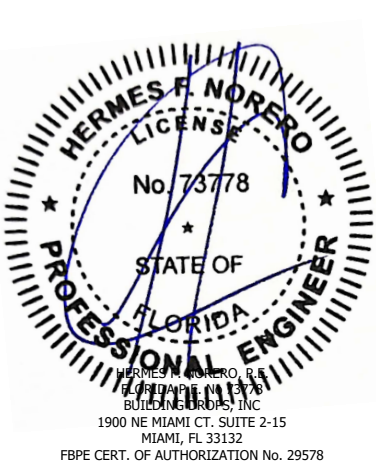
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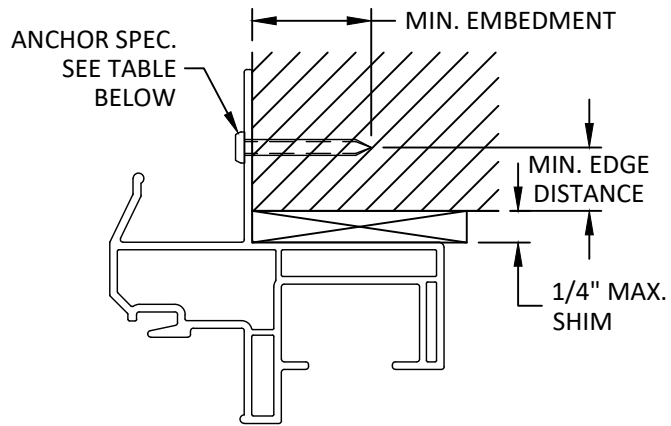
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SCALE: NTS

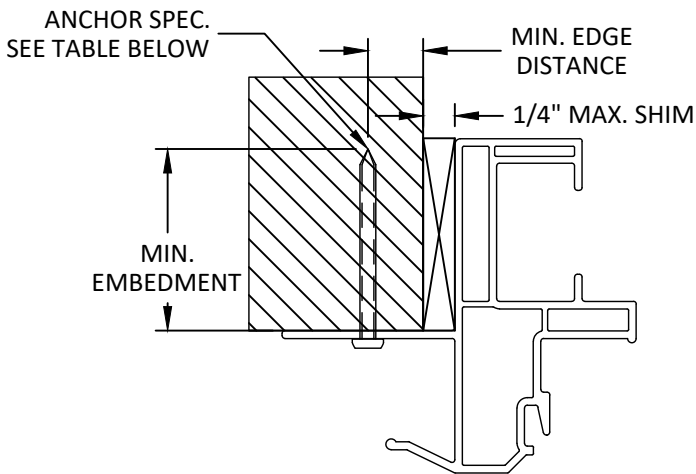
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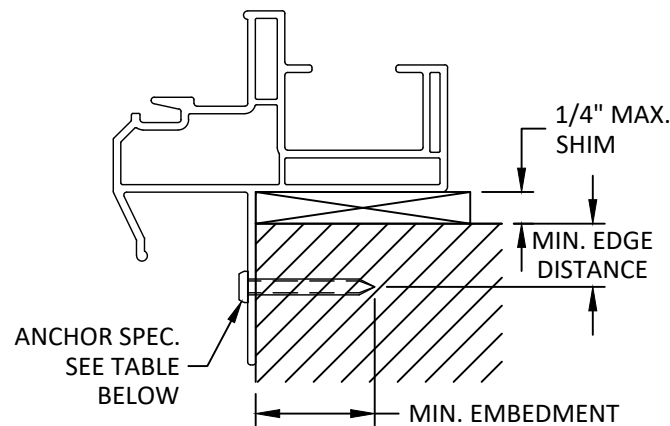
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A
5 **INSTALLATION DETAIL**
NAIL FIN HEAD



B
5 **INSTALLATION DETAIL**
NAIL FIN JAMB



C
5 **INSTALLATION DETAIL**
NAIL FIN SILL

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN ON SHEET 2.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- 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.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO SHEATHING, 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 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - STEEL - MINIMUM YIELD STRENGTH OF 36 KSI (18 GAUGE) 43 MILS. MINIMUM.
 - ALUMINUM - 1/8" MINIMUM THICKNESS (6063-T5).

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
NAIL FIN (36" x 60") (36" x 68")	WOOD: MIN. S.G. = 0.55	#8 PAN HEAD WOOD SCREW	1-1/2"	1/2"
	STEEL: MIN. 18 GA. MIN. Fy = 36 ksi	#8 GRADE 5 PAN HEAD SELF-DRILLING/ SELF-TAPPING SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	1/2"
	ALUMINUM: MIN. 1/8" THICK MIN. 6063-T5			
NAIL FIN (46" x 60")	WOOD: MIN. S.G. = 0.55	#12 S.S. WOOD SCREW	1-1/2"	1/2"
	STEEL: MIN. 18 GA. MIN. Fy = 36 ksi	#12 S.S. SELF-DRILLING/ SELF-TAPPING SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	1/2"
	ALUMINUM: MIN. 1/8" THICK MIN. 6063-T5			



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ANCHOR DETAILS & INSTALLATION NOTES

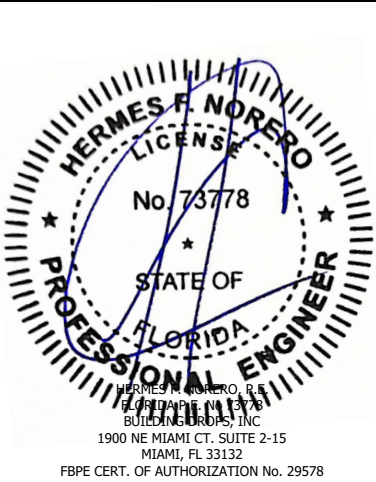
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SHEET:	5
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