

YKK AP AMERICA RESIDENTIAL

STYLEGUARD CASEMENT PICTURE WINDOW

(HVHZ) (IMPACT)

GENERAL NOTES:

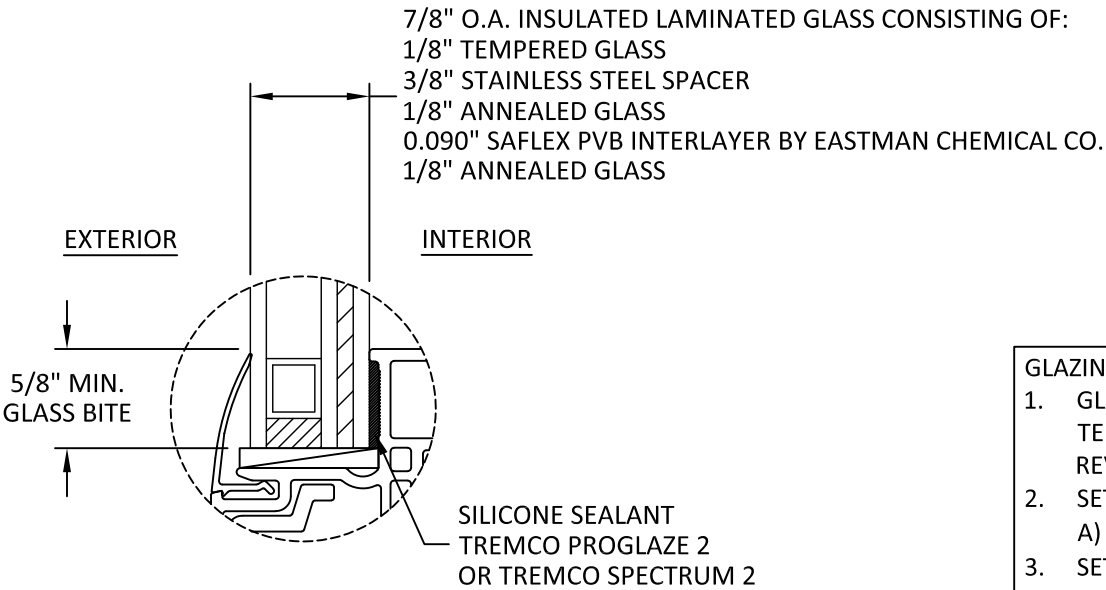
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- TAS 201-94

TAS 202-94

TAS 203-94
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING 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.
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. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: PVC
7. GLASS MEETS ASTM E1300 REQUIREMENTS, SEE SHEET 1 FOR GLAZING DETAIL.

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6	INSTALLATION NOTES, ANCHOR DETAILS, & ANCHOR SCHEDULE

DESIGN PRESSURE TABLE								
UNIT	MAX. O.A. SIZE		MAX. D.L.O.		DESIGN PRESSURE	CONFIGURATION	INSTALLATION METHOD	IMPACT RATING
	WIDTH	HEIGHT	WIDTH	HEIGHT				
1	47 1/2"	61 1/2"	42"	56"	+50/-50 PSF	"O"	NAIL FIN	LARGE & SMALL MISSILE IMPACT
2	96"	62"	42"	56"	+50/-50 PSF	"O - O"	THROUGH FRAME	



GLAZING DETAIL 1

- GLAZING NOTES:
1. GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS. 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.

4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.

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TITLE: STYLEGUARD CASEMENT PICTURE WINDOW (HVHZ) (IMPACT) GENERAL NOTES & GLAZING DETAIL

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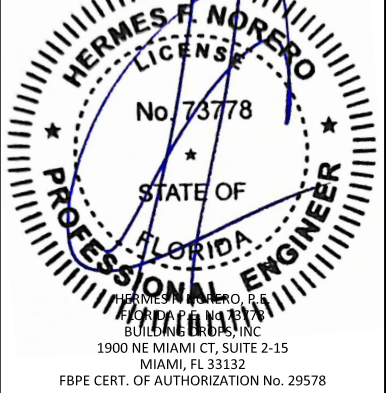
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BUILDING DROPS

REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.04.30 14:04:39 -04'00'



FL #:

FL7829

DATE: 03.03.2025

DWG. BY: DB

CHK. BY: HFN

SCALE: NTS

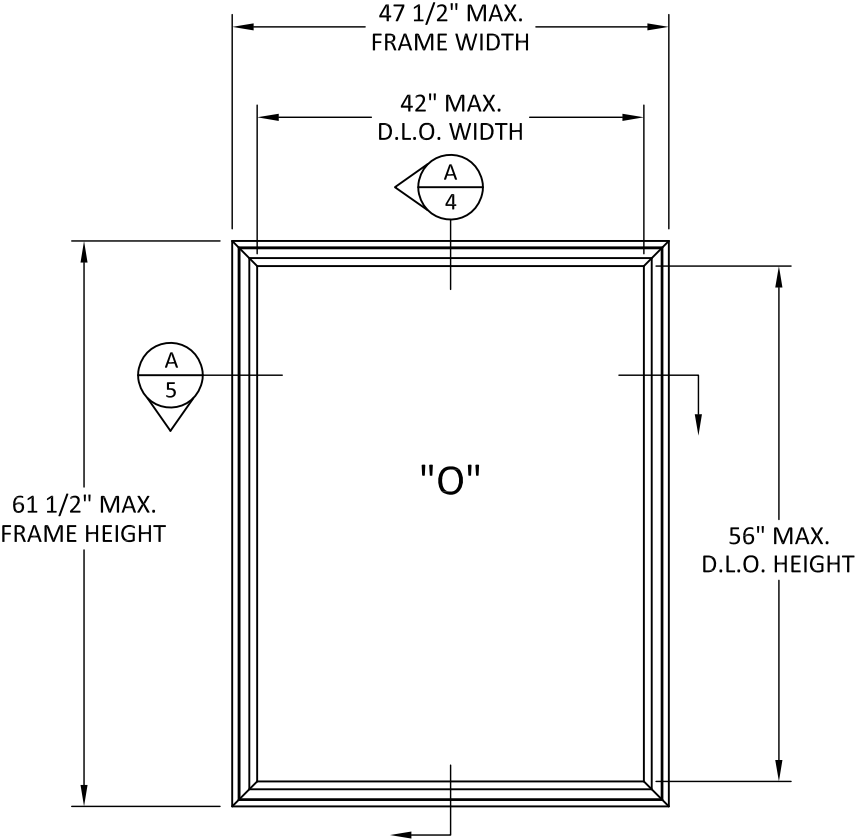
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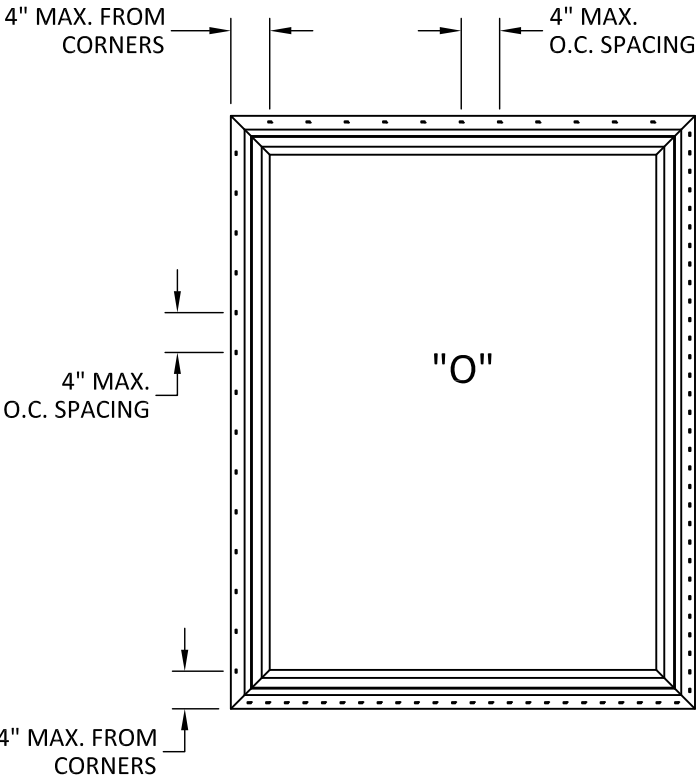
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ELEVATION
UNIT 1



ANCHOR LAYOUT
NAIL FIN INSTALLATION



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PICTURE WINDOW
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ELEVATIONS & ANCHOR LAYOUTS

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HERMES F. NORERO, P.E.
YKK AP AMERICA, INC.
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

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03.03.2025

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DB

CHK. BY:

HFN

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NTS

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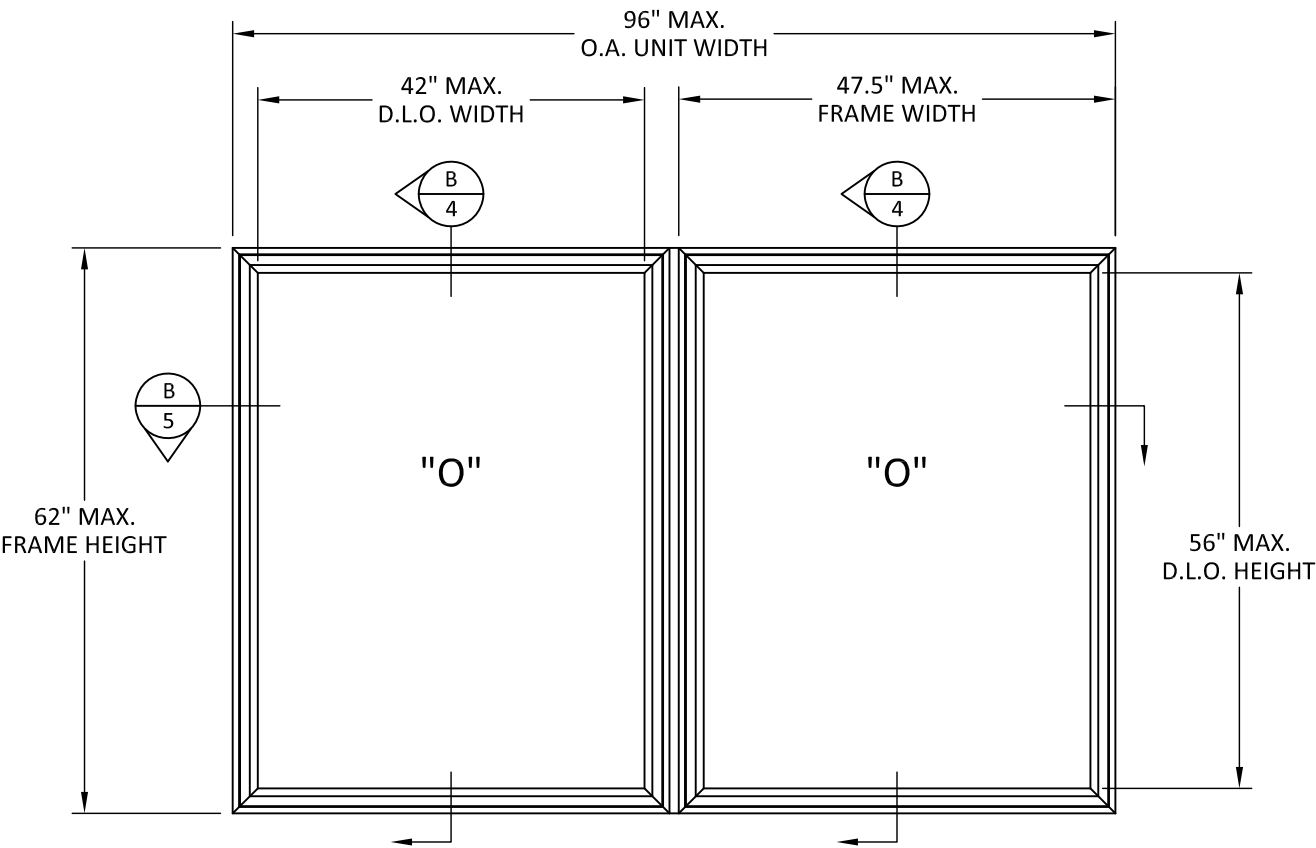
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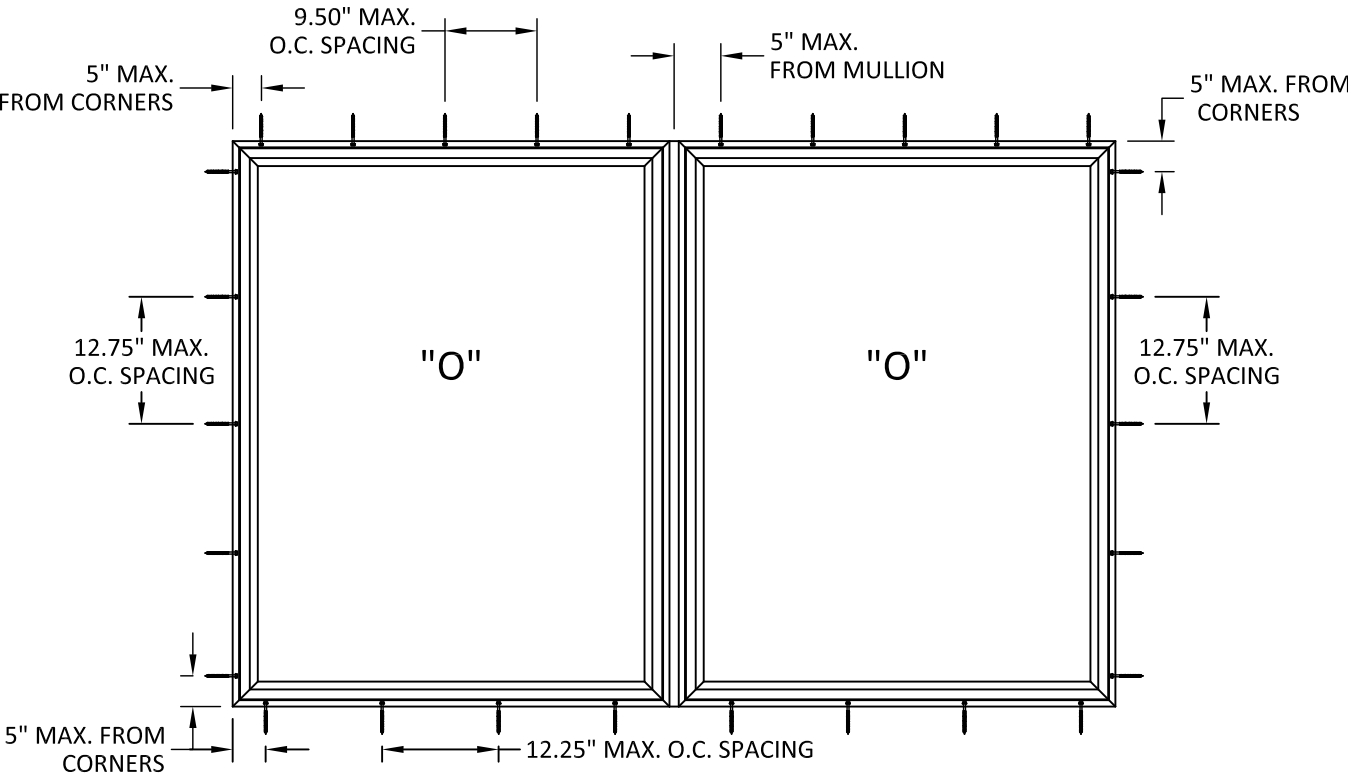
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ELEVATION

UNIT 2

FACTORY MULLION



ANCHOR LAYOUT

THROUGH FRAME INSTALLATION



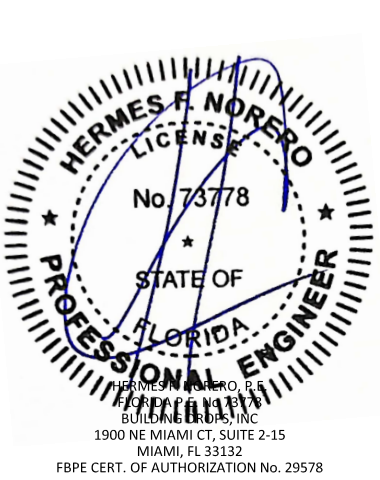
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TITLE: STYLEGUARD CASEMENT PICTURE WINDOW (HVHZ) (IMPACT) ELEVATION & ANCHOR LAYOUT	PREPARED BY:	BUILDING DROPS, INC. 1900 NE MIAMI CT, SUITE 2-15 MIAMI, FL 33132 PH: (954)399-8478 FAX: (954)744-4738 WEB: www.buildingdrops.com
		

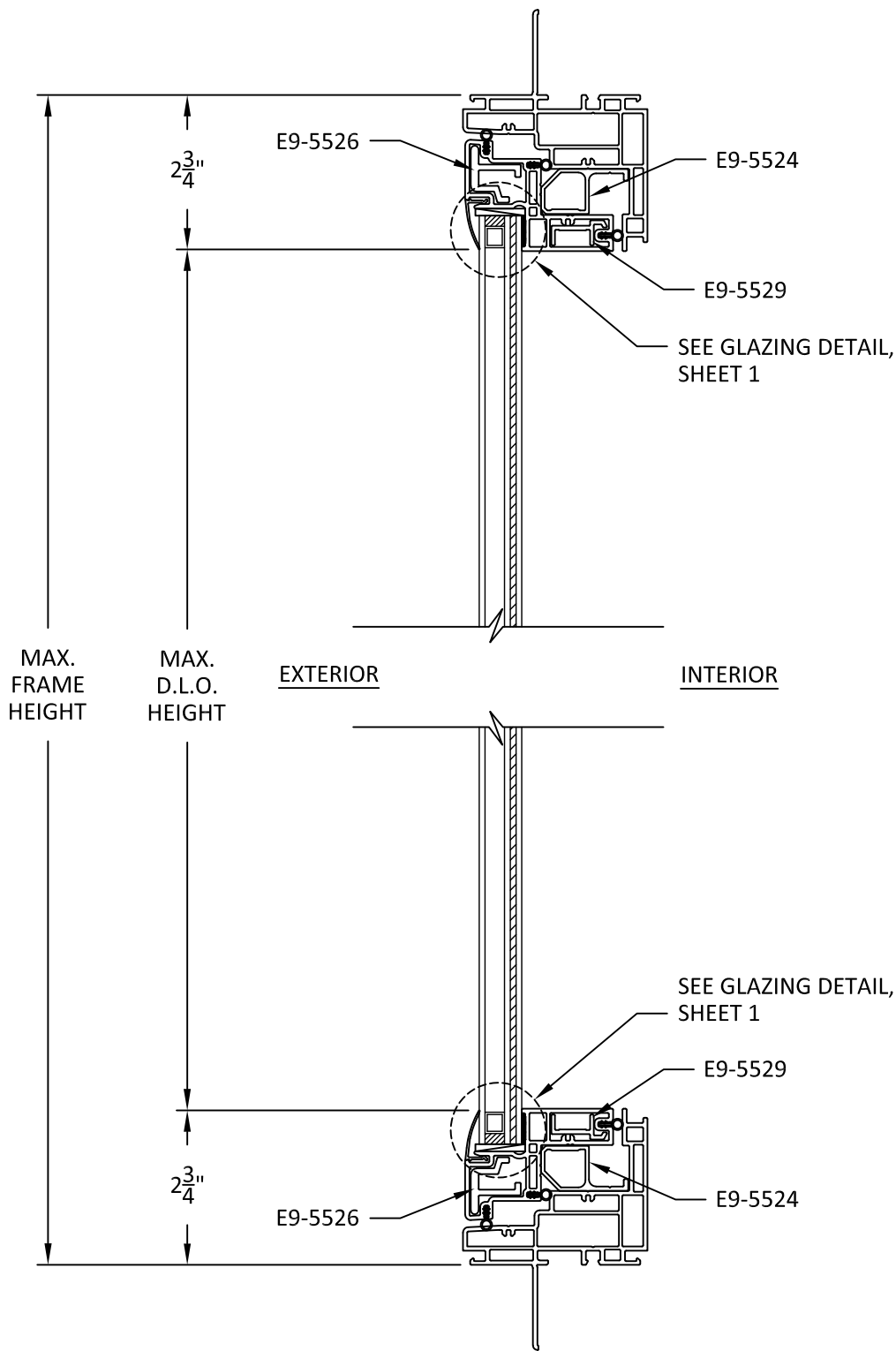
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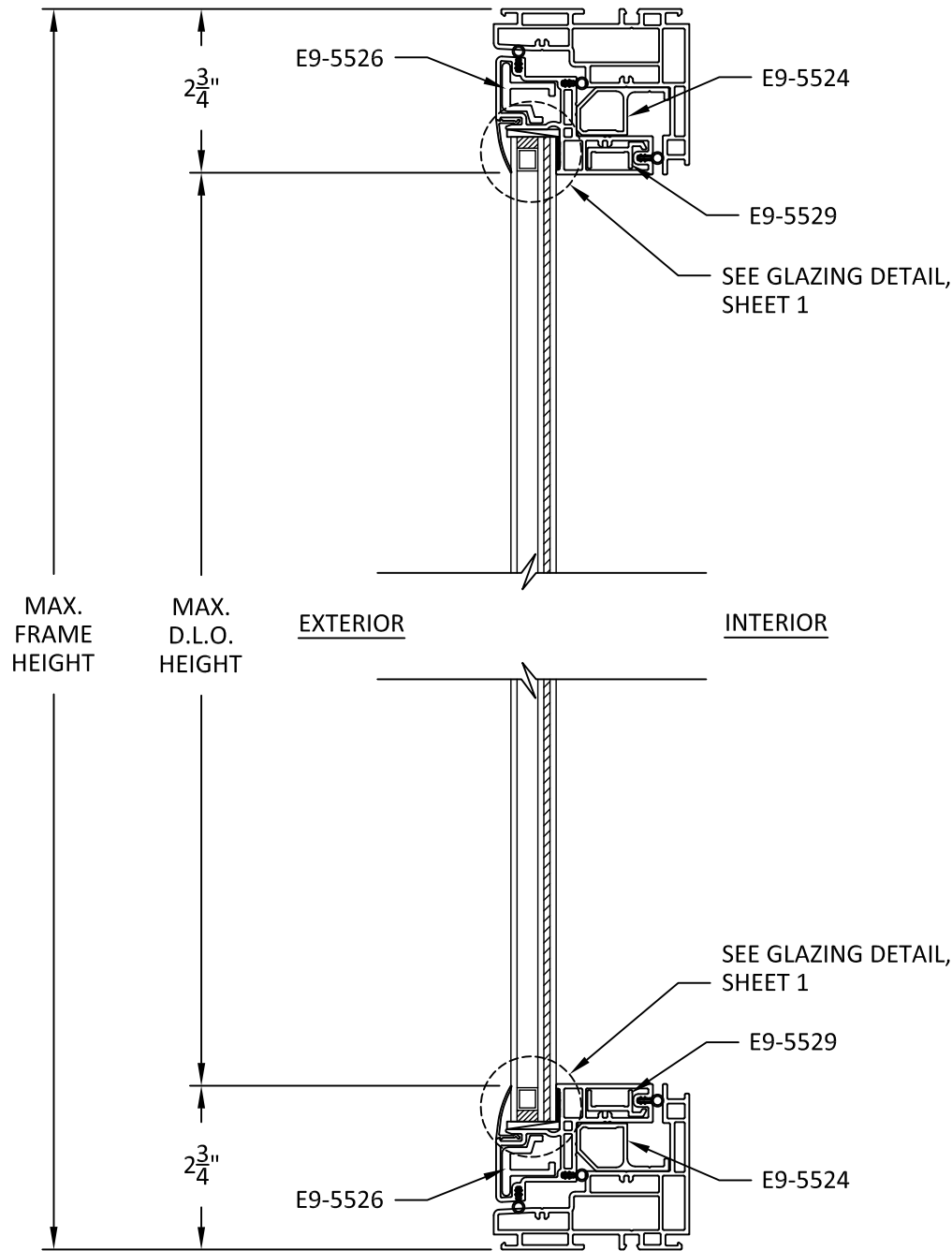


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A
4 VERTICAL SECTION
UNIT 1
NAIL FIN



B
4 VERTICAL SECTION
UNIT 2
THROUGH FRAME



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VERTICAL SECTIONS

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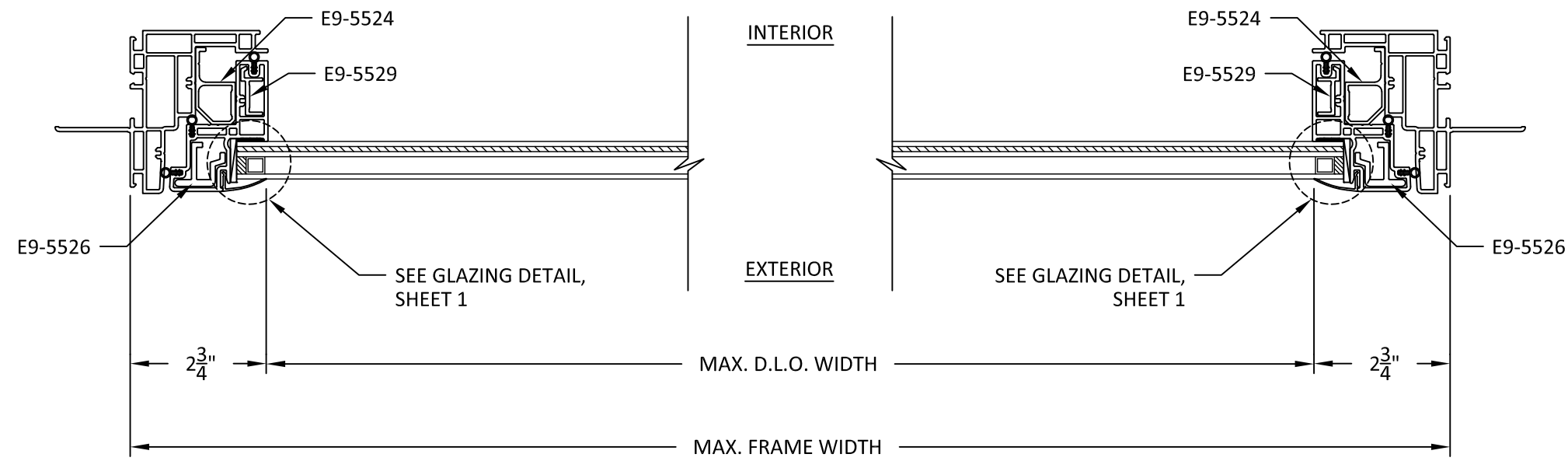


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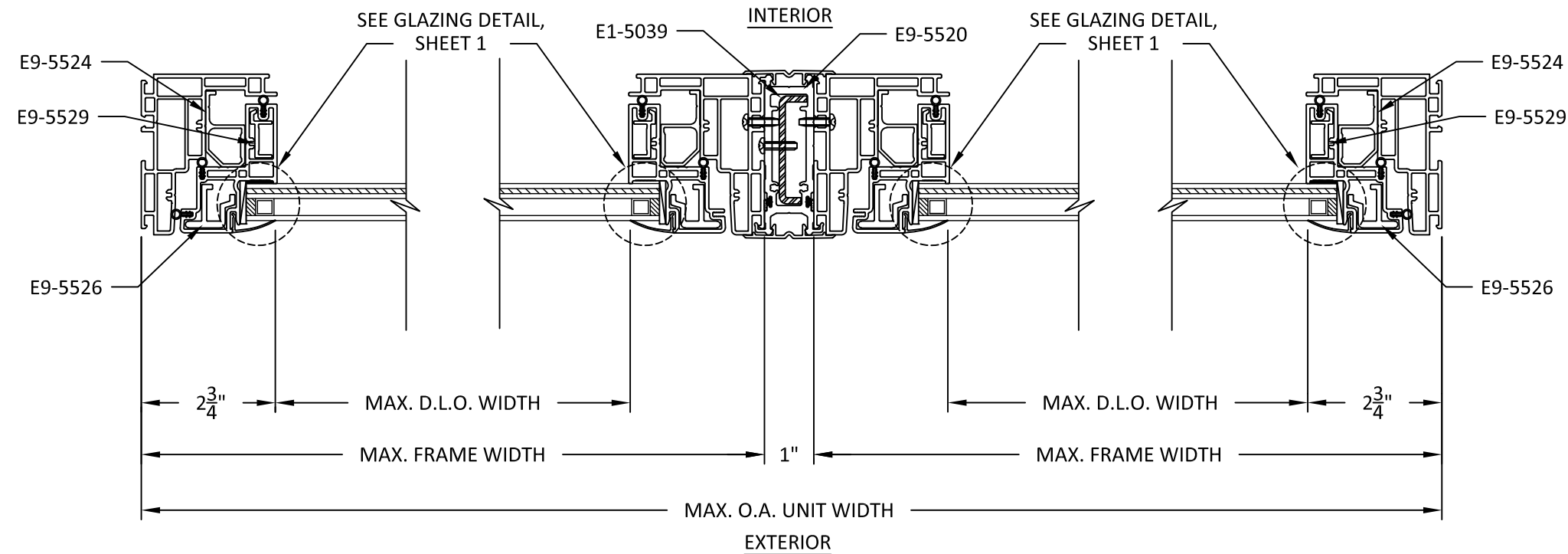
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A
5 **HORIZONTAL SECTION**
UNIT 1
NAIL FIN



B
5 **HORIZONTAL SECTION**
UNIT 2
THROUGH FRAME
WITH FACTORY MULLION



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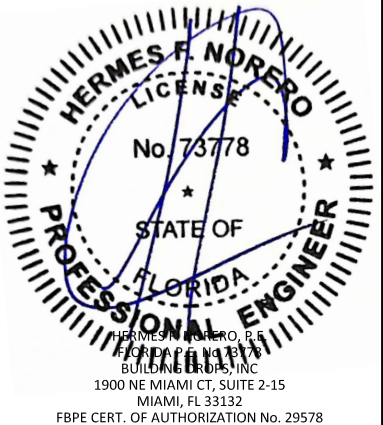
HORIZONTAL SECTIONS

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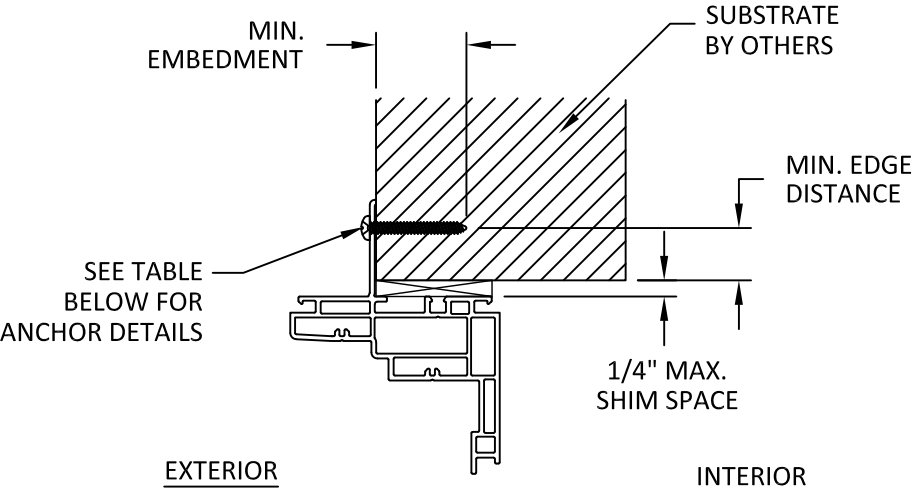
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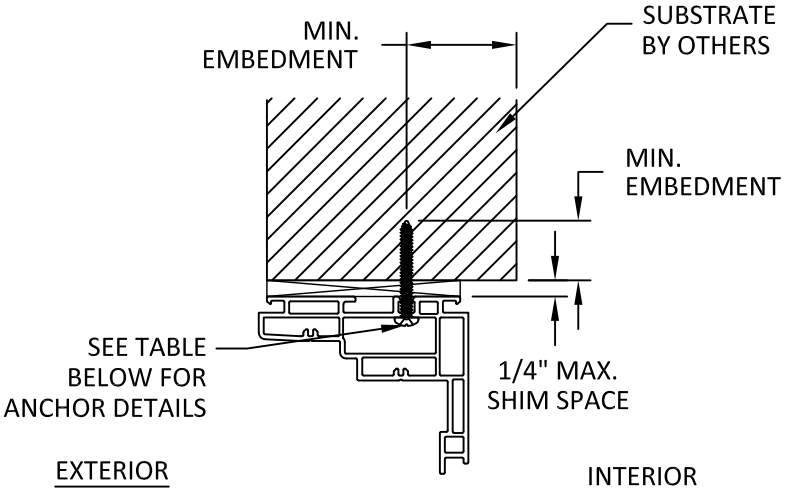
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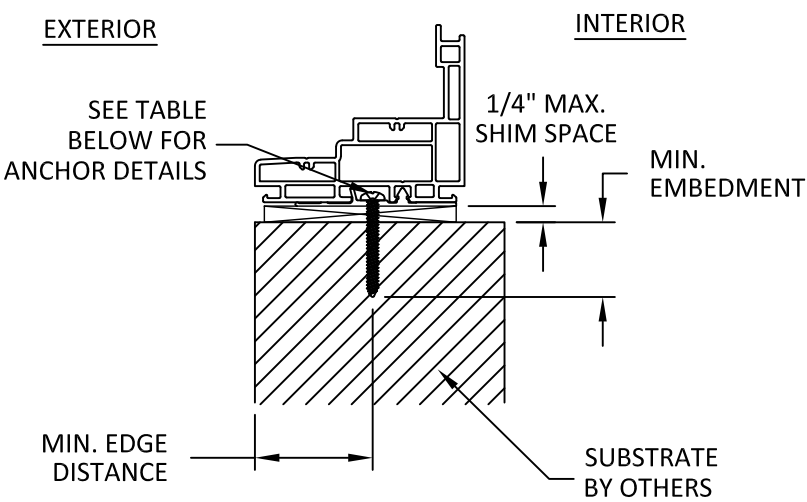
A
6 **ANCHOR DETAIL**
NAIL FIN INSTALLATION
HEAD

NOTE: HEAD SHOWN,
JAMB AND SILL SIMILAR



B
6 **ANCHOR DETAIL**
THROUGH FRAME INSTALLATION
HEAD

NOTE: HEAD SHOWN,
JAMB SIMILAR



C
6 **ANCHOR DETAIL**
THROUGH FRAME INSTALLATION
SILL

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ 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 IN ORDER TO ACHIEVE SQUARE AND PLUMB INSTALLATION 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.
- 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.
- 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				
METHOD	SUBSTRATE	ANCHOR	MIN. EMBEDMENT	MIN. EDGE DISTANCE
NAIL FIN	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#10 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"
THROUGH FRAME	WOOD: MIN. SG = 0.55	#10 WOOD SCREW	1.50"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#10 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"
	CONCRETE: MIN. F'C = 3000 PSI MASONRY: CMU PER ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1.00"	2.25"



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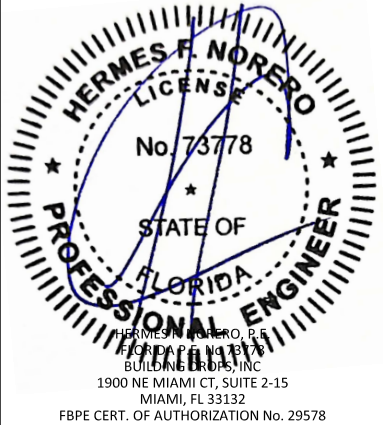
INSTALLATION NOTES, ANCHOR DETAILS, & ANCHOR SCHEDULE

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