

ENERLUX WINDOWS & DOORS

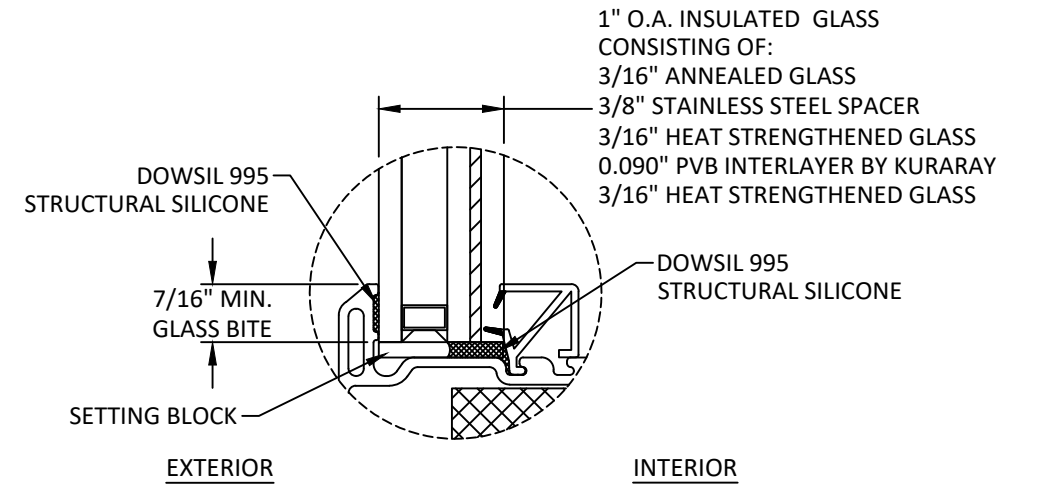
FIXED CASEMENT WINDOW (WZ3)(IMPACT)

GENERAL NOTES:

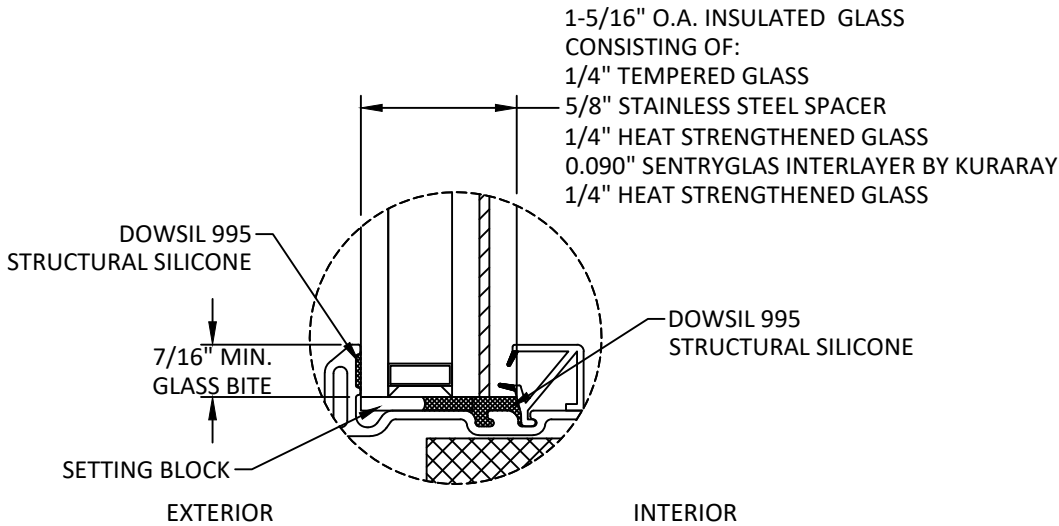
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- AAMA/WDMA/CSA 101/I.S.2/A440-17

ASTM E1886-19

ASTM E1996-20
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 NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 3 OR LESS.
7. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONE 4.
8. WINDOW FRAME MATERIAL: FIBERGLASS
9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.



GLAZING DETAIL 1



GLAZING DETAIL 2

- GLAZING NOTES:
1. GLASS TYPE COMPLIES WITH ASTM E1300 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.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAIL
2	ELEVATION AND DESIGN PRESSURE TABLES
3	ANCHOR LAYOUTS
4	VERTICAL SECTION
5	HORIZONTAL SECTIONS
6	ANCHOR DETAILS AND INSTALLATION NOTES

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
X	SEE TABLE ON SHEET 2			LARGE & SMALL MISSILE IMPACT



1530 PINE AVENUE
CRETE, NE
PH: (402)-205-3055

TITLE: FIXED CASEMENT WINDOW
(WZ3) (IMPACT)

GENERAL NOTES &
GLAZING DETAIL

PREPARED BY:

BUILDING DROPS, INC.

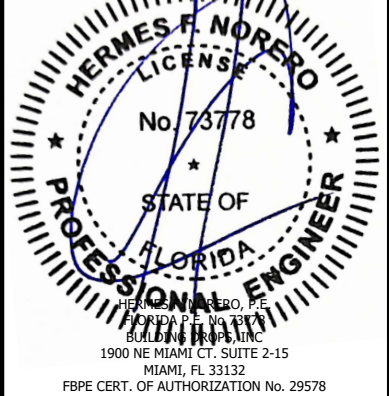
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REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.06.09 19:44:00 -0400



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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL48242

DATE:

05.29.26

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HJ

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

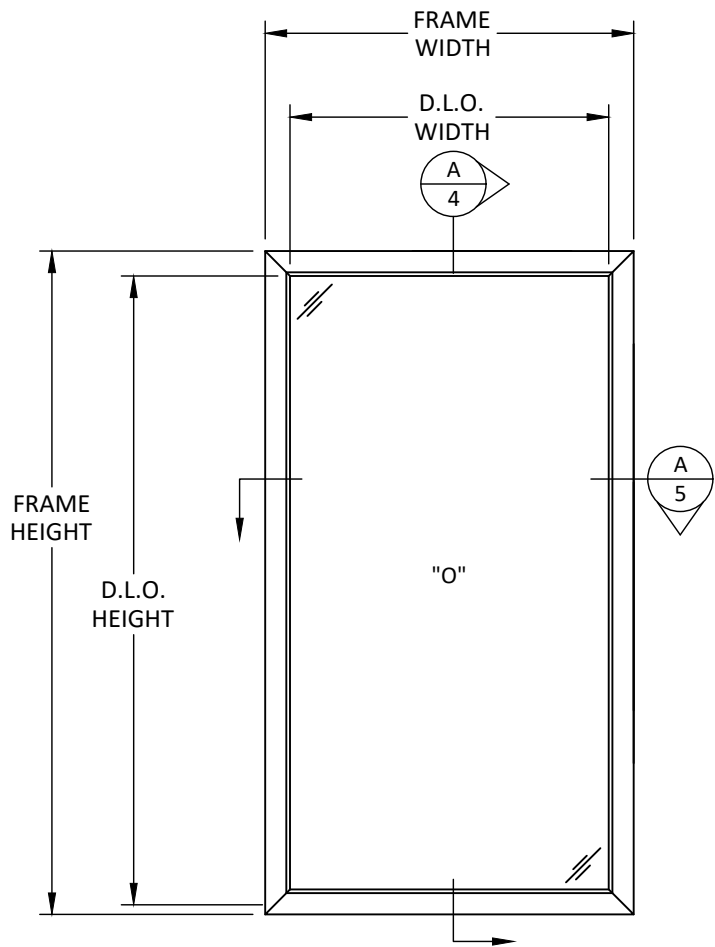
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SHEET:

1

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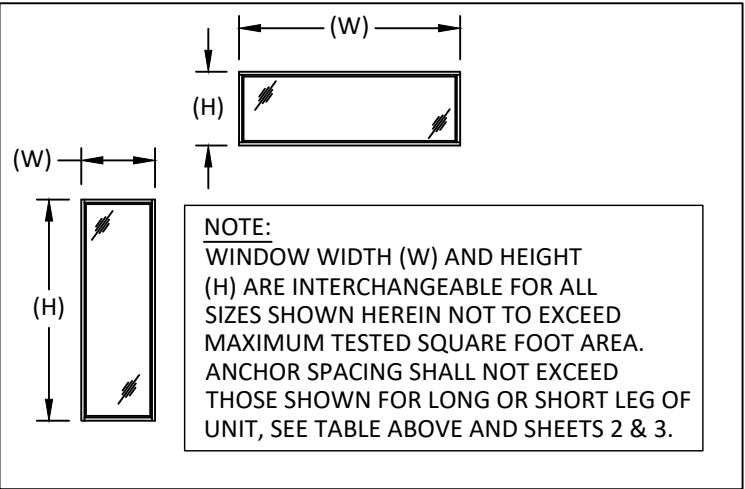


ELEVATION
FIXED WINDOW
SINGLE UNIT

D.L.O. HEIGHT = FRAME HEIGHT - 5.58"
D.L.O. WIDTH = FRAME WIDTH - 5.58"

DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		G1	G2
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)		
36	60	70.0	60.0
42		70.0	60.0
48		70.0	60.0
54		62.2	60.0
60		56.0	60.0
36	66	70.0	60.0
42		70.0	60.0
48		70.0	60.0
54		62.2	60.0
60		56.0	60.0
66	72	-	54.5
36		70.0	60.0
42		70.0	60.0
48		70.0	60.0
54		62.2	60.0
60	78	-	60.0
66		-	54.5
72		-	50.0
78		-	46.2
84		-	42.0
36	84	70.0	60.0
42		70.0	60.0
48		70.0	60.0
54		-	60.0
60		-	60.0
66	90	-	54.5
72		-	50.0
78		-	46.2
84		-	42.0
90		-	38.0
36	96	70.0	60.0
42		70.0	60.0
48		-	60.0
54		-	60.0
60		-	60.0
66	102	-	54.5
72		-	50.0
78		-	46.2
84		-	42.0
90		-	38.0

DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		G1	G2
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)		
36	102	70.0	60.0
42		-	60.0
48		-	60.0
54		-	60.0
60		-	60.0
36	108	70.0	60.0
42		-	60.0
48		-	60.0
54		-	60.0
60		-	60.0
36	114	-	60.0
42		-	60.0
48		-	60.0
54		-	60.0
60		-	60.0
36	120	-	60.0
42		-	60.0
48		-	60.0
54		-	60.0
60		-	60.0
36	126	-	60.0
42		-	60.0
48		-	60.0
54		-	60.0
60		-	60.0
36	132	-	60.0
42		-	60.0
48		-	60.0
54		-	60.0
60		-	60.0
36	138	-	60.0
42		-	60.0
48		-	60.0
54		-	60.0
60		-	60.0
36	144	-	60.0
42		-	60.0
48		-	60.0
54		-	60.0
60		-	60.0
36	150	-	60.0
42		-	60.0
48		-	60.0
54		-	60.0
60		-	60.0
36	156	-	60.0
42		-	60.0
48		-	60.0
54		-	60.0
60		-	60.0





1530 PINE AVENUE
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(WZ3) (IMPACT)

ELEVATION & DESIGN
PRESSURE TABLE

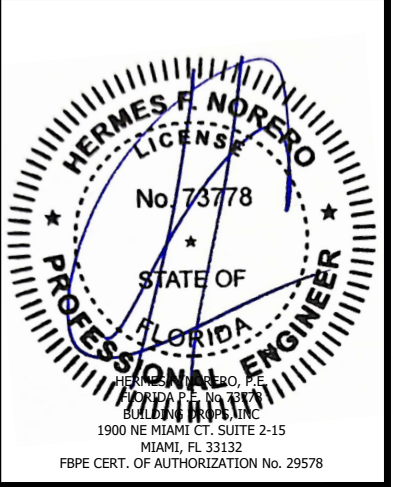
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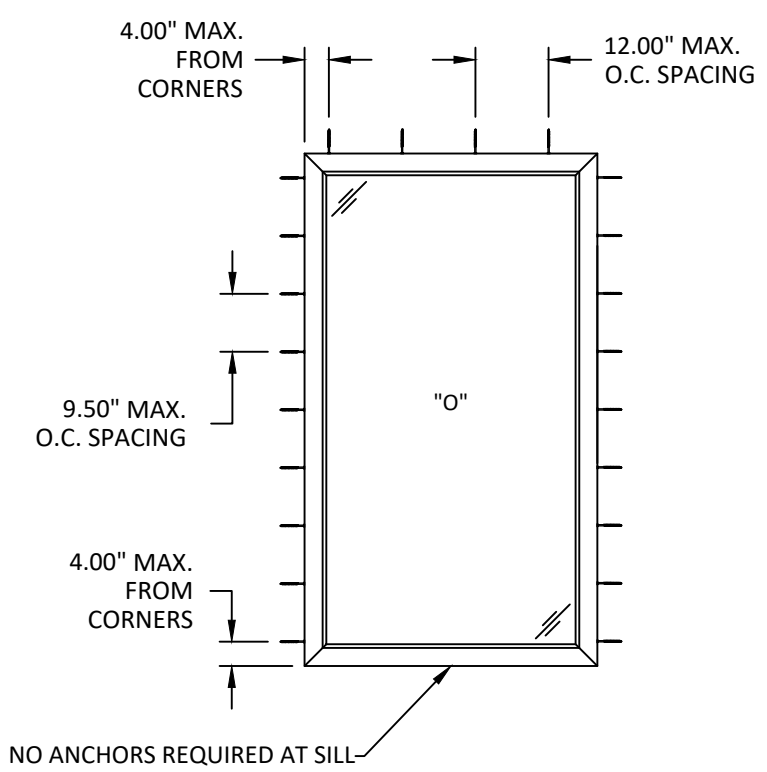
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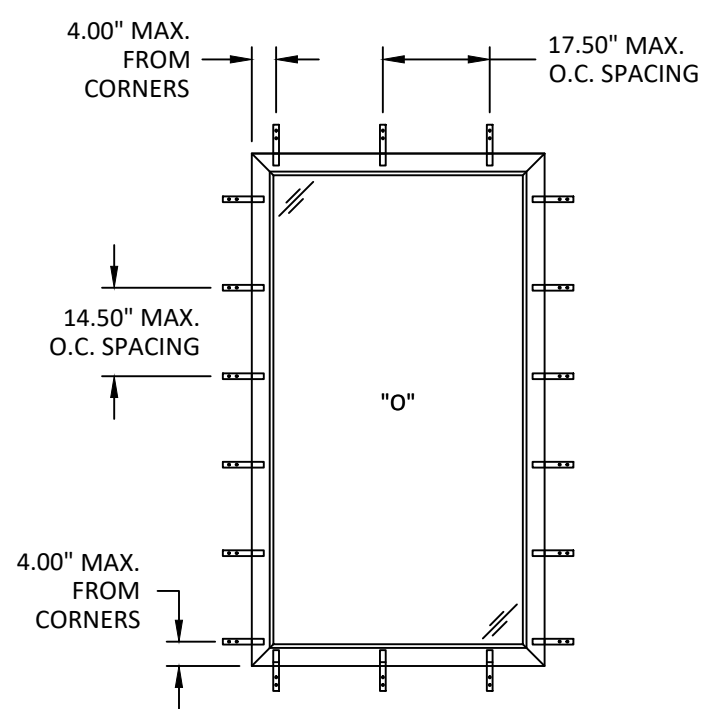
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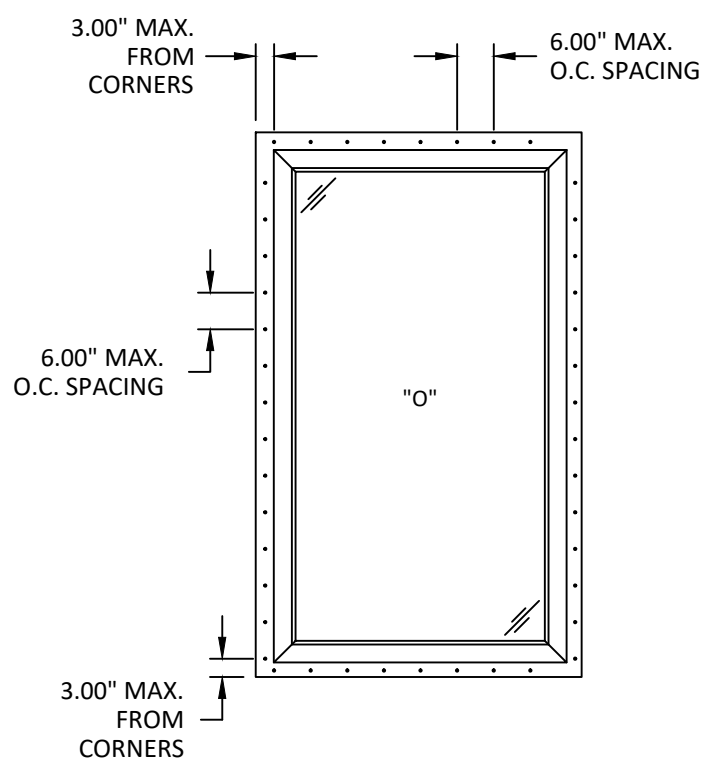
ANCHOR LAYOUT
FIXED WINDOW
THROUGH FRAME INSTALLATION



ANCHOR LAYOUT
FIXED WINDOW
CLIP INSTALLATION

NOTE: TWO (2) INSTALLATION ANCHORS
PER CLIP LOCATION.

ANCHOR LEGEND	
○	NAIL FIN ANCHOR LOCATION
—	THROUGH FRAME ANCHOR LOCATION
⌐	CLIP LOCATION



ANCHOR LAYOUT
FIXED WINDOW
NAIL FIN INSTALLATION



1530 PINE AVENUE
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ELEVATION & DESIGN
PRESSURE TABLE

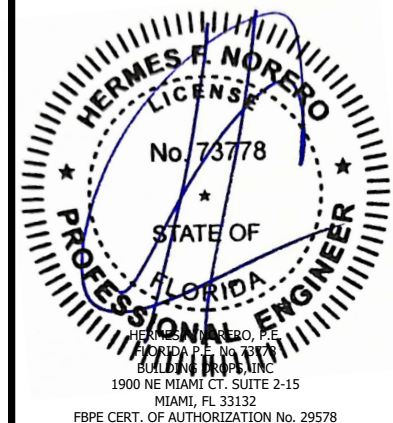
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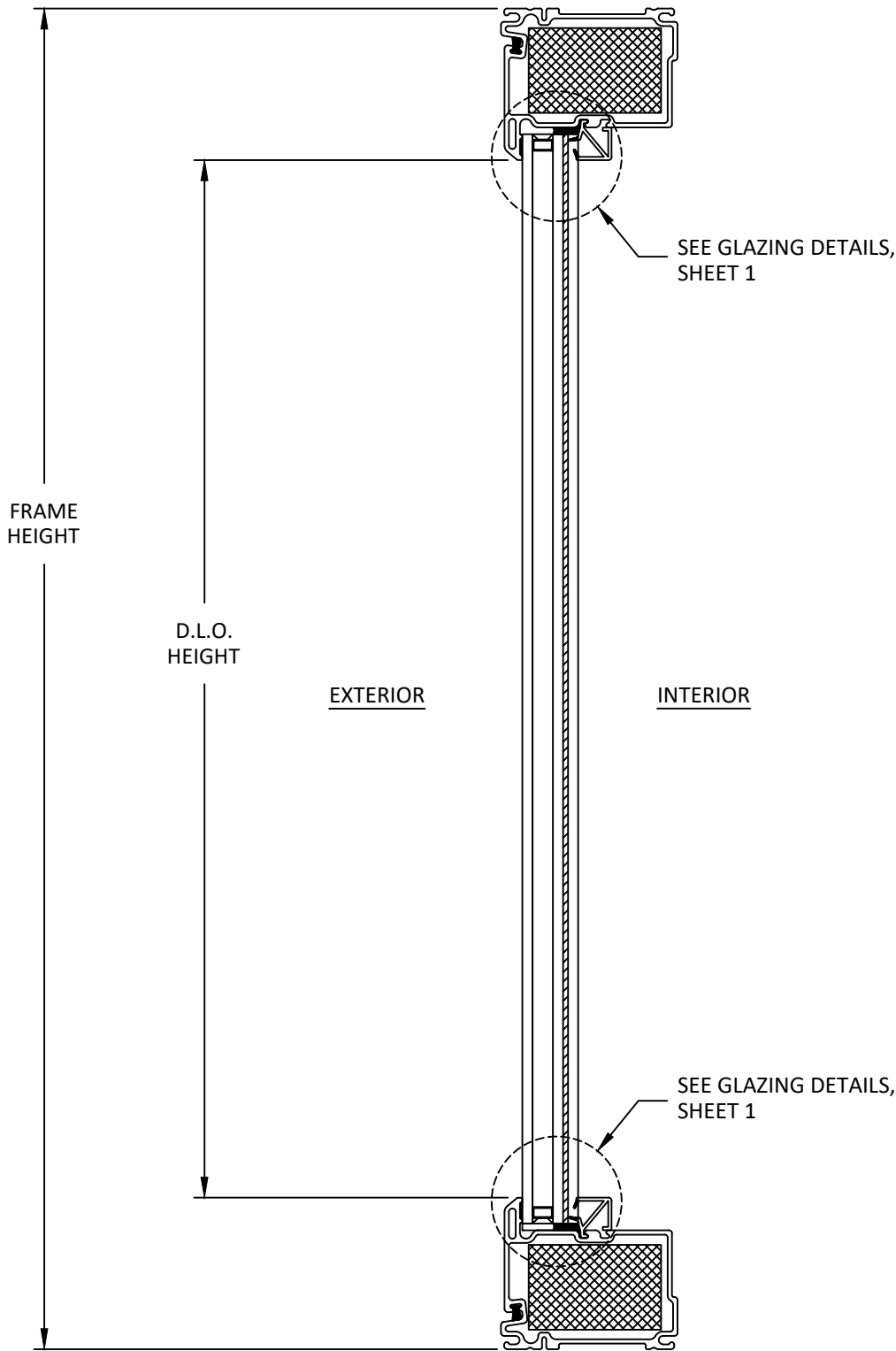
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HJ	HFN	
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VERTICAL SECTION

TYP. HEAD AND SILL



1530 PINE AVENUE
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(WZ3) (IMPACT)

VERTICAL SECTION

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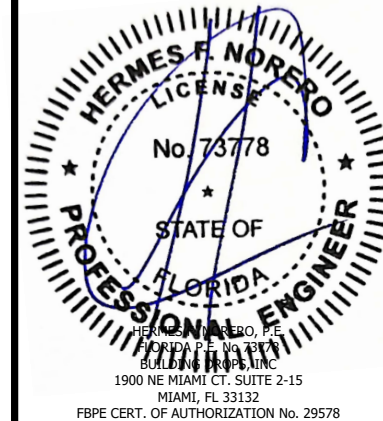
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OF 6

HORIZONTAL SECTIONS

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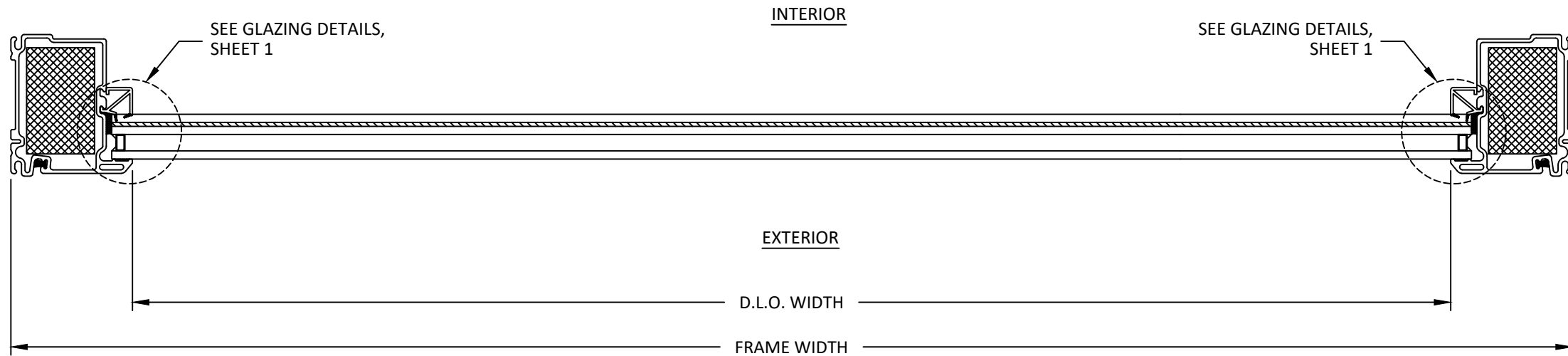
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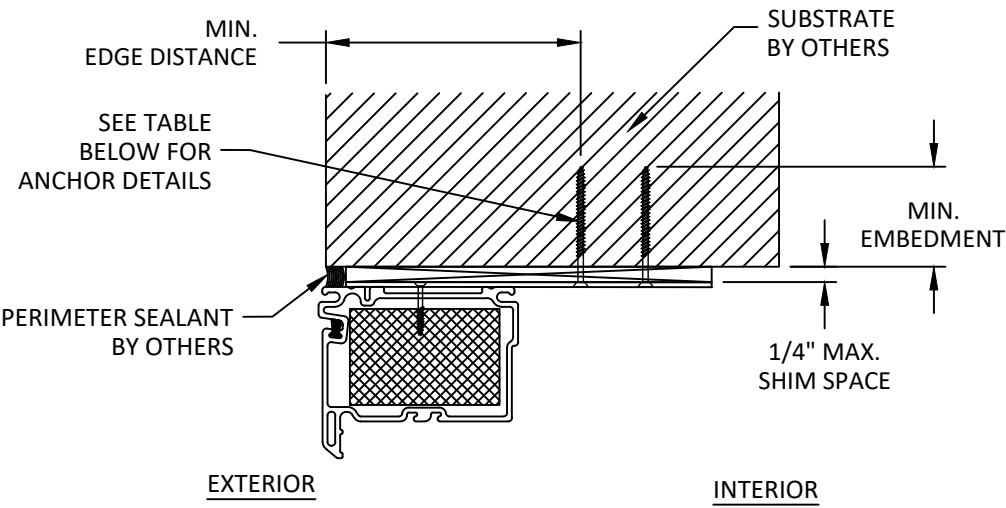
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A HORIZONTAL SECTION
5 TYP. JAMBS

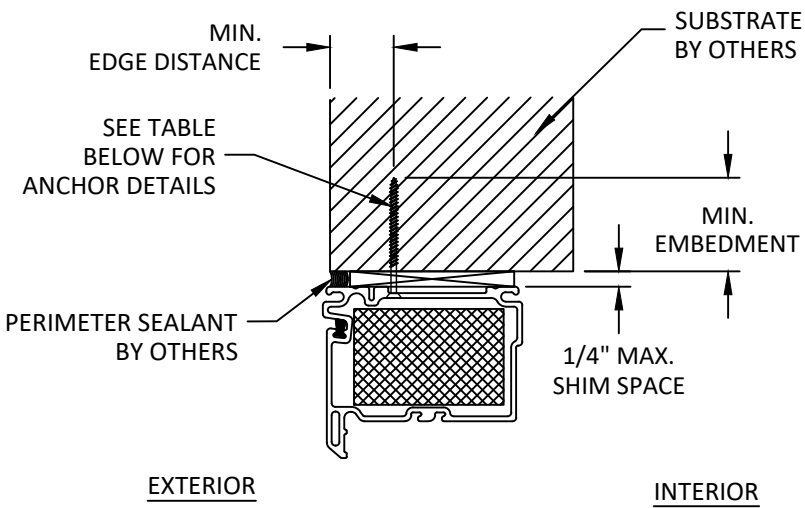
TYP. JAMBS

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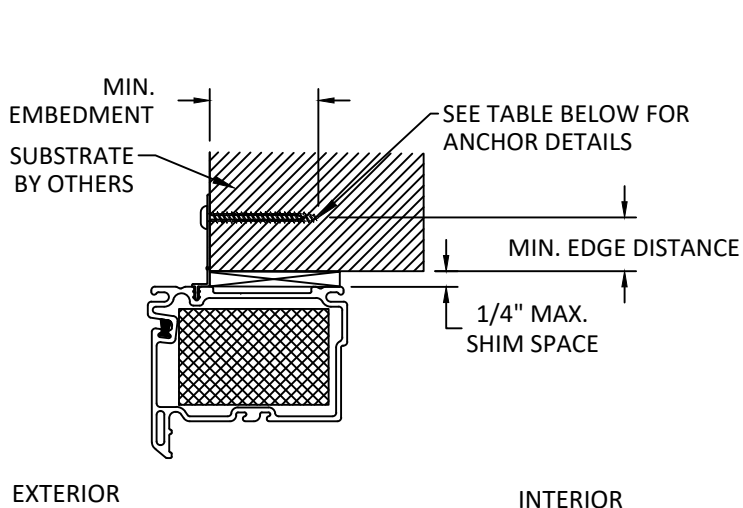
A
6 VERTICAL SECTION
HEAD
CLIP INSTALLATION

NOTE: SILL & JAMB SIMILAR



B
6 VERTICAL SECTION
HEAD
THROUGH FRAME INSTALLATION

NOTE: JAMB SIMILAR



C
6 VERTICAL SECTION
HEAD
NAIL FIN INSTALLATION

NOTE: SILL & JAMB SIMILAR

INSTALLATION NOTES:

- (1) ONE INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 3.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH OF 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 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.
- FOR MASONRY OR CONCRETE OPENINGS, A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- 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				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
NAIL FIN INSTALLATION	WOOD: MIN. SG = 0.55	#8 WOOD SCREW	1.50"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#8 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"
CLIP & THROUGH FRAME INSTALLATION	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: f'c=3000PSI	3/16" ITW TAPCON	1.25"	2.00"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	3/16" ITW TAPCON	1.00"	2.00"

1530 PINE AVENUE
CRETE, NE
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ANCHOR DETAILS & INSTALLATION NOTES

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SHEET: **6** OF 6