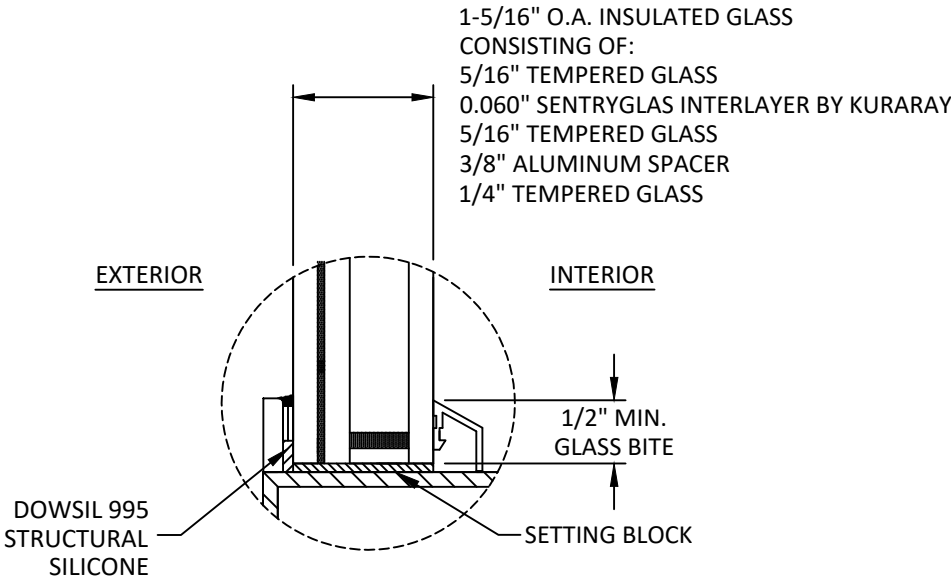


PINKYS IRON DOORS

AIR SERIES FIXED WINDOW (HVHZ) (IMPACT)

GENERAL NOTES:

- 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
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - ASTM E1886-19
 - ASTM E1996-23
- 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.
- 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.
- 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.
- 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** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: STEEL
- GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAIL.



GLAZING DETAIL 1

GLAZING NOTES:

- GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
- D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.

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

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
"O"	SEE SHEET 2			LARGE & SMALL MISSILE IMPACT



PINKYS IRON DOORS
2382 EAST 48TH STREET
VERNON, CA 90058
PH: (844) 843-6677

TITLE:
AIR SERIES FIXED WINDOW
(HVHZ)(IMPACT)

GENERAL NOTES
& GLAZING DETAIL

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

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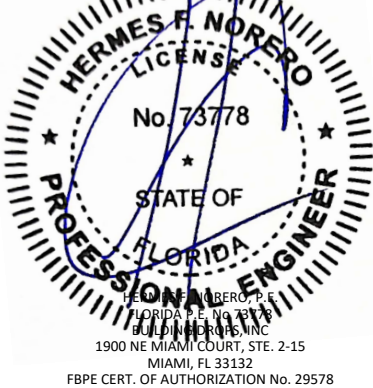
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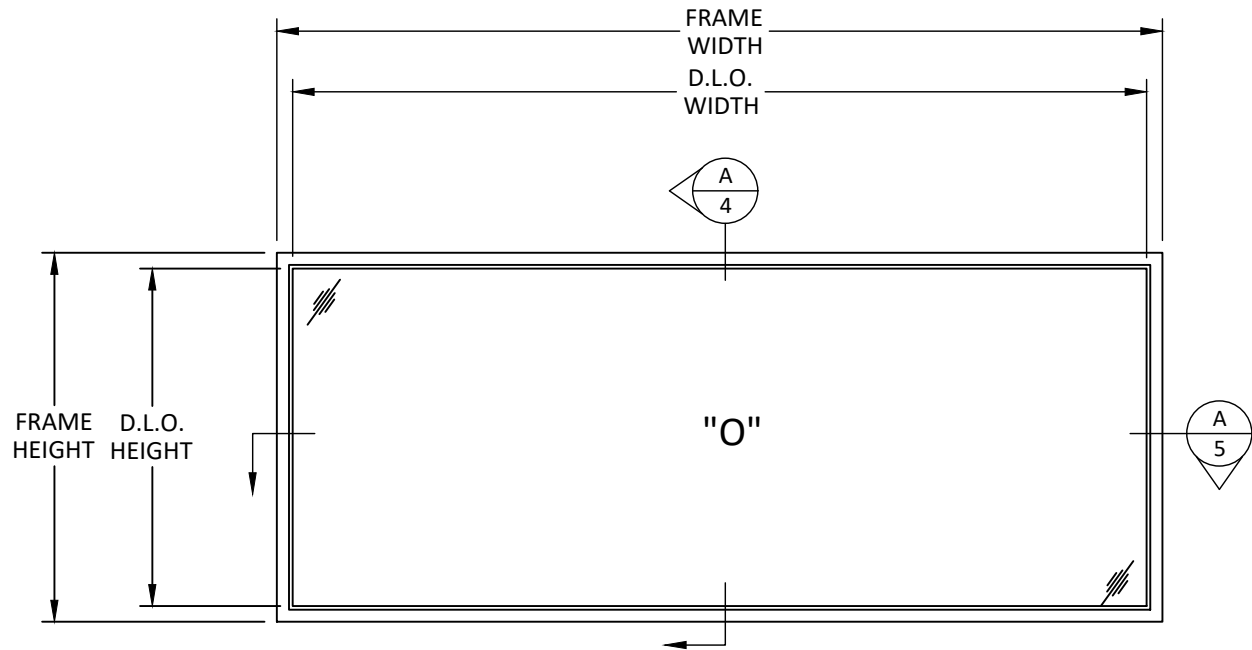
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Reason: I am approving this document
Date: 2026.08.10 11:07:03'00'



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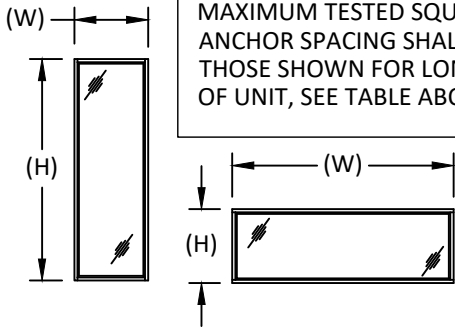
ELEVATION
FIXED WINDOW

D.L.O. HEIGHT = FRAME HEIGHT - 5.5"
D.L.O. WIDTH = FRAME WIDTH - 5.5"

DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		POS. (+)	NEG. (-)
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)		
30	108	65.0	65.0
36		65.0	65.0
42		65.0	65.0
48		65.0	65.0
54		65.0	65.0
60		65.0	65.0
66		59.0	59.0
72		54.0	54.0
78		50.0	50.0
30	114	65.0	65.0
36		65.0	65.0
42		65.0	65.0
48		65.0	65.0
54		65.0	65.0
60		65.0	65.0
66		59.0	59.0
72		54.0	54.0
30	120	65.0	65.0
36		65.0	65.0
42		65.0	65.0
48		65.0	65.0
54		65.0	65.0
60		65.0	65.0
66		59.0	59.0
72		54.0	54.0
30	126	65.0	65.0
36		65.0	65.0
42		65.0	65.0
48		65.0	65.0
54		65.0	65.0
60		65.0	65.0
66		59.0	59.0
72		54.0	54.0
30	132	65.0	65.0
36		65.0	65.0
42		65.0	65.0
48		65.0	65.0
54		65.0	65.0
60		65.0	65.0
66		59.0	59.0
72		54.0	54.0
30	138	65.0	65.0
36		65.0	65.0
42		65.0	65.0
48		65.0	65.0
54		65.0	65.0
60		65.0	65.0
66		59.0	59.0
72		54.0	54.0
30	144	65.0	65.0
36		65.0	65.0
42		65.0	65.0
48		65.0	65.0
54		65.0	65.0
60		65.0	65.0
66		59.0	59.0
72		54.0	54.0

DESIGN PRESSURE TABLE (PSF)			
NOMINAL DIMS.		POS. (+)	NEG. (-)
FRAME WIDTH (IN.)	FRAME HEIGHT (IN.)		
30	150	65.0	65.0
36		65.0	65.0
42		65.0	65.0
48		65.0	65.0
54	156	65.0	65.0
30		65.0	65.0
36		65.0	65.0
42		65.0	65.0
48	162	65.0	65.0
54		65.0	65.0
30		65.0	65.0
36		65.0	65.0
42	168	65.0	65.0
48		65.0	65.0
30		65.0	65.0
36		65.0	65.0
42	174	65.0	65.0
48		65.0	65.0
30		65.0	65.0
36		65.0	65.0
42	180	65.0	65.0
48		65.0	65.0
30		65.0	65.0
36		65.0	65.0
42	186	65.0	65.0
48		65.0	65.0
30		65.0	65.0
36		65.0	65.0
42	192	65.0	65.0
48		65.0	65.0
30		65.0	65.0
36		65.0	65.0
42	198	65.0	65.0
48		65.0	65.0
30		65.0	65.0
36		65.0	65.0
42	204	65.0	65.0
48		65.0	65.0
30		65.0	65.0
36		65.0	65.0

NOTE:
WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM TESTED SQUARE FOOT AREA. ANCHOR SPACING SHALL NOT EXCEED THOSE SHOWN FOR LONG OR SHORT LEG OF UNIT, SEE TABLE ABOVE AND SHEET 2.



PINKYS IRON DOORS
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PH: (844) 843-6677

TITLE:
AIR SERIES FIXED WINDOW
(HVHZ)(IMPACT)

ELEVATION
& DESIGN PRESSURE TABLE

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1900 NE MIAMI COURT, STE. 2-15

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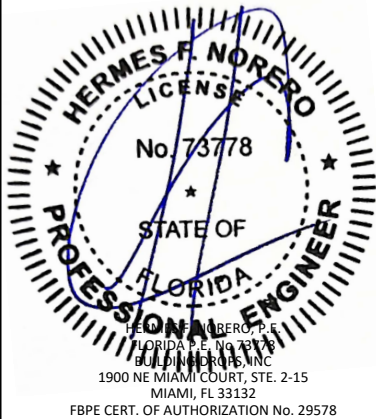
FAX: (954)744-4738

WEB: www.buildingdrops.com



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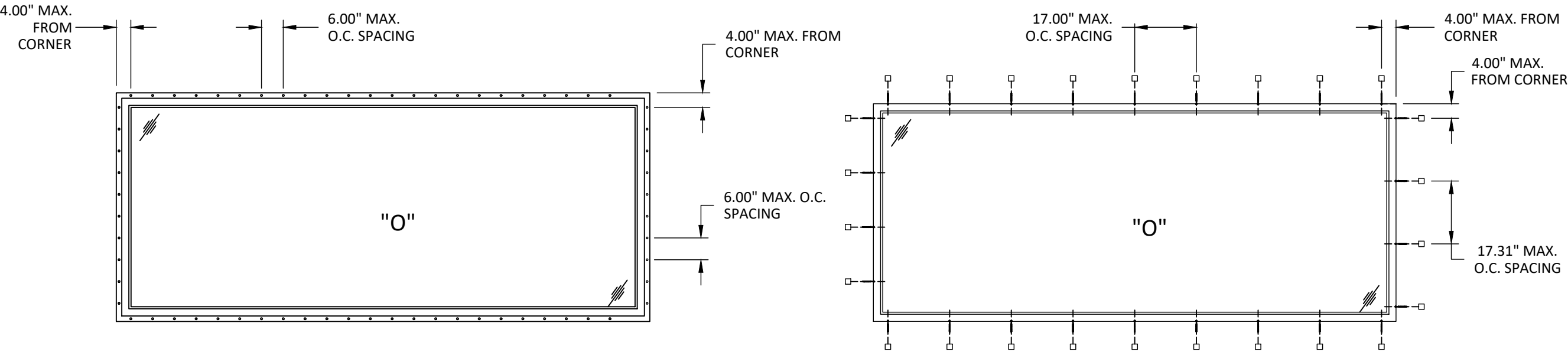
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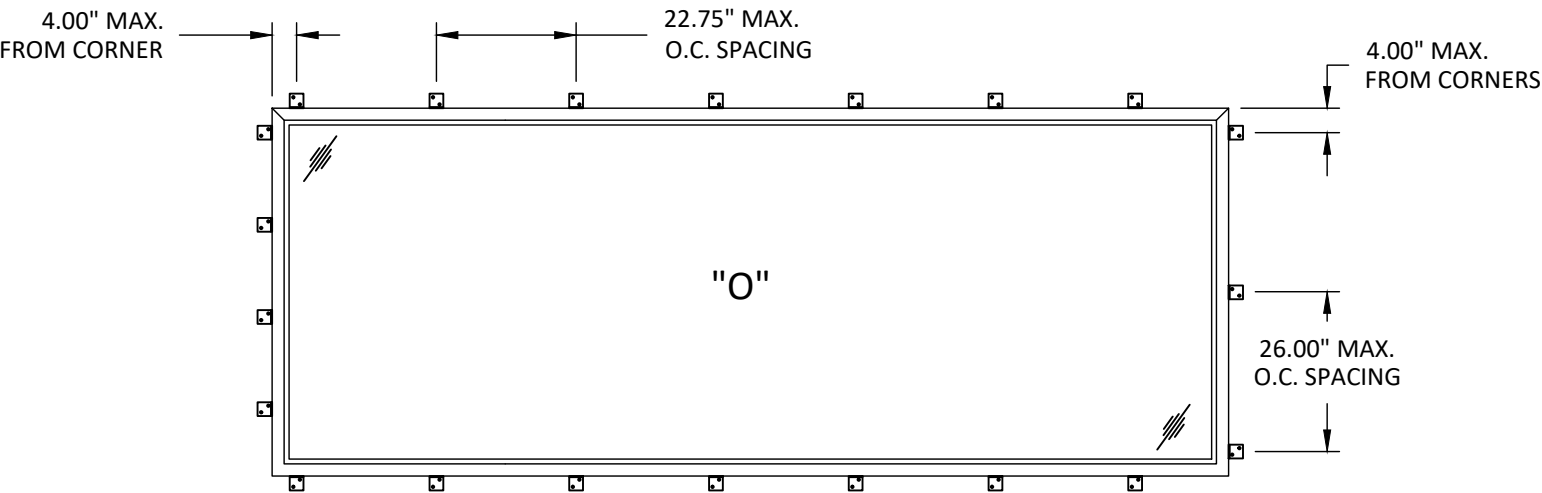
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ANCHOR LAYOUT
NAIL FIN INSTALLATION

ANCHOR LAYOUT
THROUGH FRAME INSTALLATION



ANCHOR LAYOUT
TAB INSTALLATION

NOTE: (2) TWO ANCHORS REQUIRED
PER TAB LOCATION.

ANCHOR LEGEND	
	NAIL FIN ANCHOR LOCATION
	THROUGH FRAME ANCHOR LOCATION
	TAB LOCATION



PINKYS IRON DOORS
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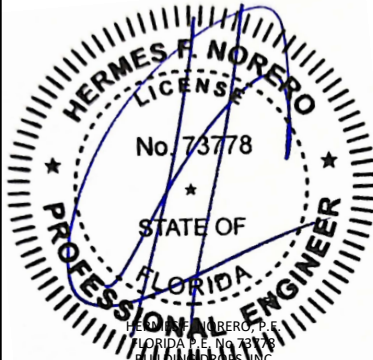
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No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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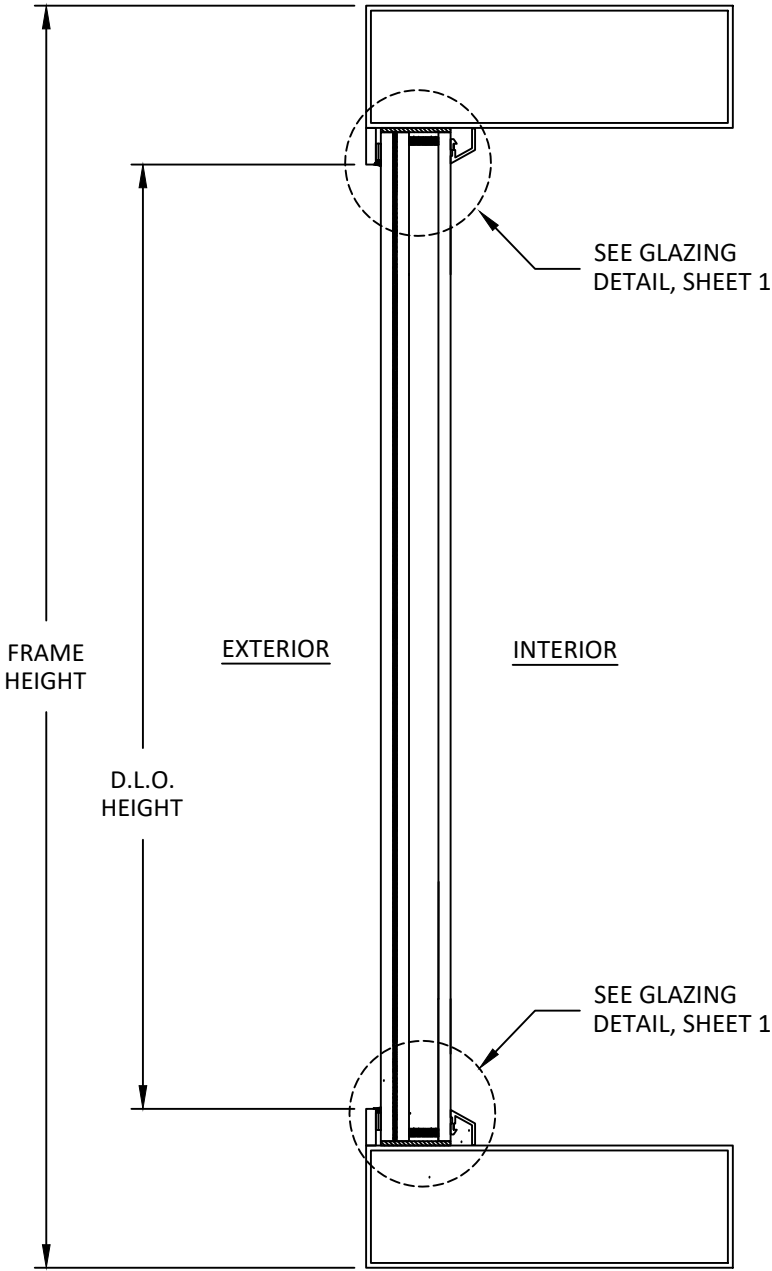
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A
4 **VERTICAL SECTION**
FIXED WINDOW



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2382 EAST 48TH STREET
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PH: (844) 843-6677

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(HVHZ)(IMPACT)
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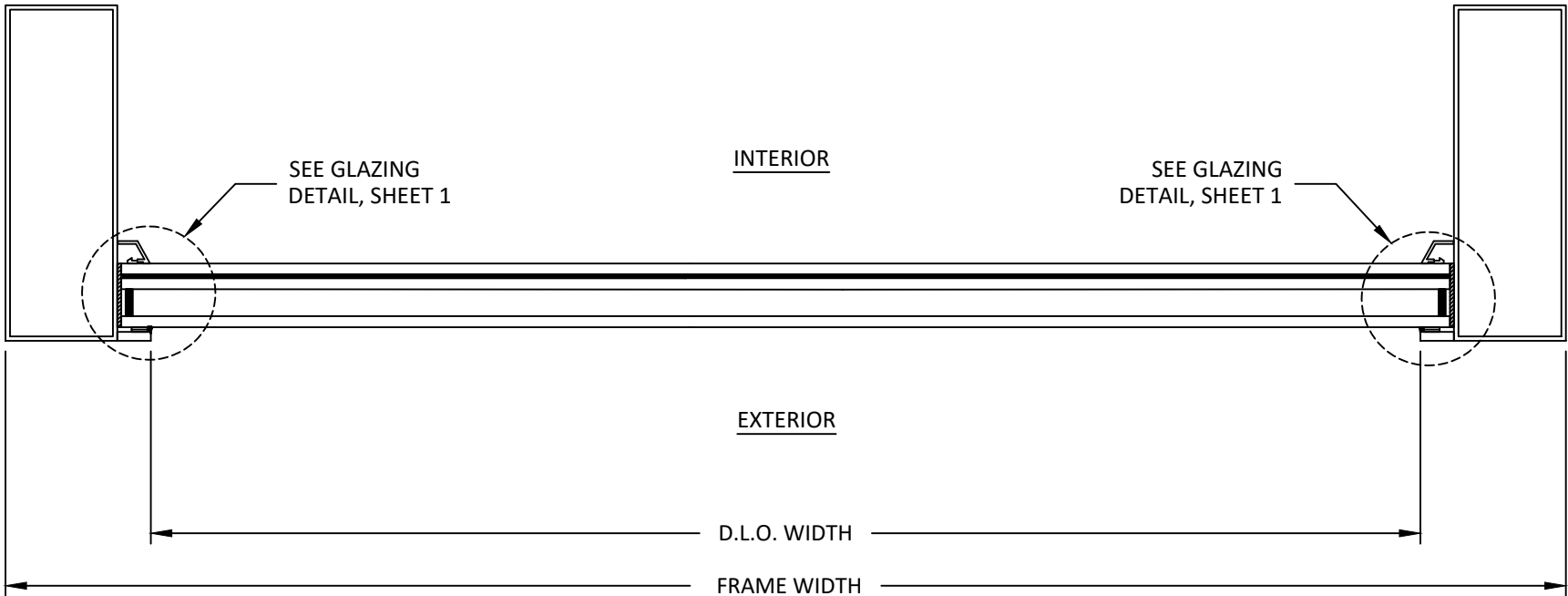


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A
5 **HORIZONTAL SECTION**
FIXED WINDOW



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2382 EAST 48TH STREET
VERNON, CA 90058
PH: (844) 843-6677

TITLE: AIR SERIES FIXED WINDOW
(HVHZ)(IMPACT)

HORIZONTAL
SECTION

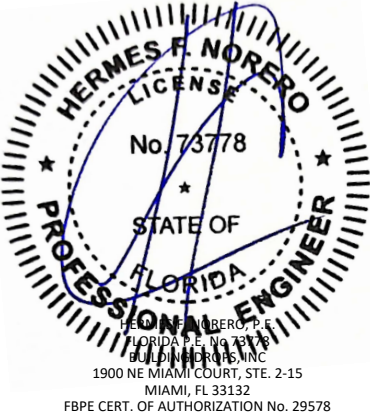
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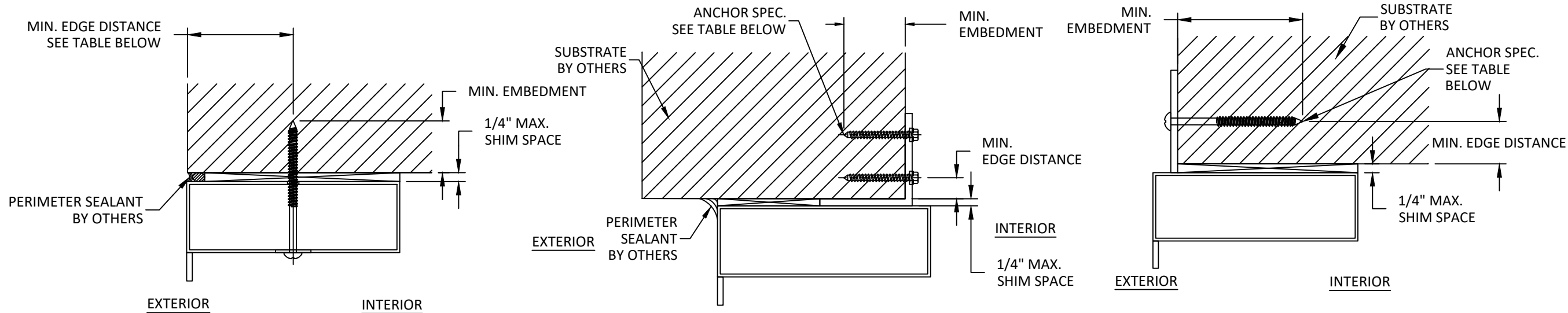
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A
6 VERTICAL SECTION
DOOR HEAD
THROUGH FRAME INSTALLATION
JAMB & SILL SIMILAR

B
6 VERTICAL SECTION
DOOR HEAD
TAB INSTALLATION
JAMB & SILL SIMILAR

C
6 VERTICAL SECTION
DOOR HEAD
NAIL FIN INSTALLATION
JAMB & SILL SIMILAR

INSTALLATION NOTES

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS SPECIFIED ON SHEET 3.
- 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 $\pm 1/2$ 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 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:
 - FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
- 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.

NOTE: (2) TWO ANCHORS REQUIRED PER TAB LOCATION.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
NAIL FIN INSTALLATION	WOOD: MIN. SG = 0.55	#12 GR. 5 WOOD SCREW	1.50"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#12 GR. 5 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"
TAB & THROUGH FRAME INSTALLATION	WOOD: MIN. SG = 0.55	#12 GR. 5 WOOD SCREW	1.50"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN., 6063-T5	#12 GR. 5 SELF-DRILLING SCREW	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"
	CONCRETE: f'c=3000PSI	1/4" ITW TAPCON	1.75"	2.50"
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1.00"	2.50"



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INSTALLATION NOTES & ANCHOR DETAILS

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