

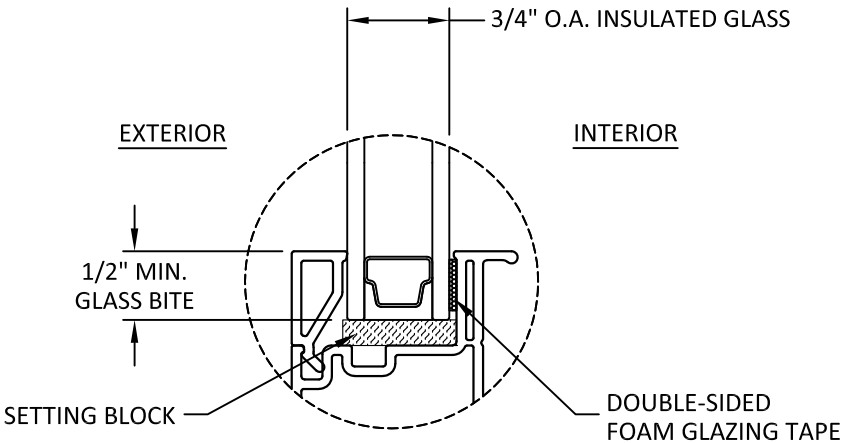
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AMSCO WINDOWS

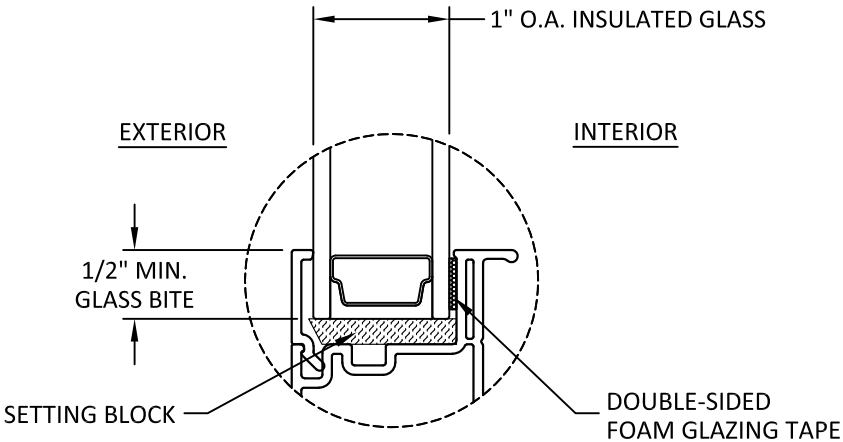
VZ1 HAMPTON SERIES SINGLE HUNG WINDOW (NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

- 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
- 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 $\pm 1/4$ 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 REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: PVC
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.



GLAZING DETAIL 1



GLAZING DETAIL 2

GLAZING NOTES:

- GLASS TYPE SHALL COMPLY 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 AND GLAZING DETAILS
2	ELEVATION AND DESIGN PRESSURE TABLES
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4	QUALIFIED CONFIGURATIONS
5	QUALIFIED CONFIGURATIONS
6	MULLION DESIGN PRESSURE TABLES
7	ANCHOR LAYOUTS
8	ANCHOR LAYOUTS
9	ANCHOR LAYOUTS
10	VERTICAL SECTIONS
11	HORIZONTAL SECTIONS
12	ANCHOR DETAILS AND INSTALLATION NOTES

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
SEE SHEETS 2-6				NON-IMPACT



1880 South 1045 West
Salt Lake City, UT 84104
PH: +1-800-748-4661

TITLE:
VZ1 HAMPTON SERIES
SINGLE HUNG WINDOW
(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES &
GLAZING DETAILS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

PH: (954)399-8478

FAX: (954)744-4738

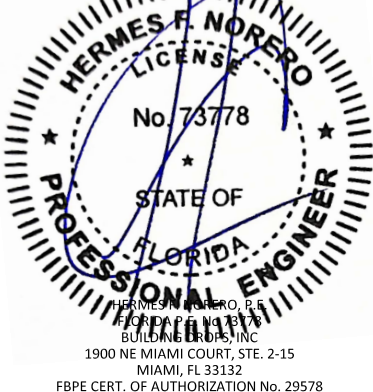
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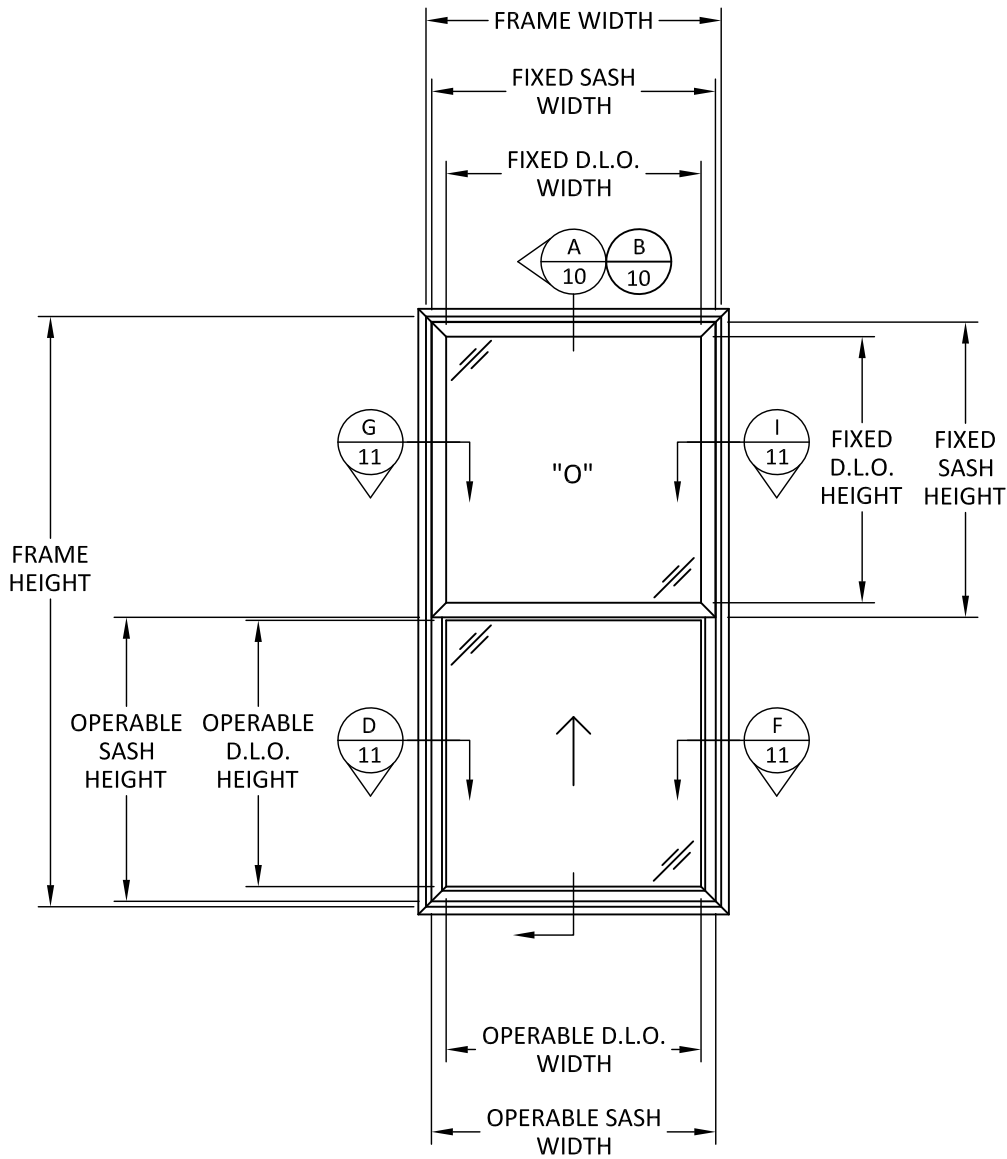
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.09.16 11:16:50 -0400



FL #:	FL47574
DATE:	06.09.25
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SCALE:	NTS
DWG. #:	AMS005
SHEET:	1
REV.	A
OF 12	

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ELEVATION
SINGLE

SIZE NOTES:
OPERABLE SASH HEIGHT = FRAME HEIGHT/2 - 1-1/8"
OPERABLE SASH WIDTH = FRAME WIDTH - 3"
FIXED SASH HEIGHT = FRAME HEIGHT/2
FIXED SASH WIDTH = FRAME WIDTH - 1-7/8"

OPERABLE D.L.O. HEIGHT = FRAME HEIGHT - 4-3/4"
OPERABLE D.L.O. WIDTH = FRAME WIDTH - 6 1/2"
FIXED D.L.O. HEIGHT = FRAME HEIGHT - 4-3/4"
FIXED D.L.O. WIDTH = FRAME WIDTH - 6 1/2"

SINGLE SINGLE-HUNG DP TABLE (PSF)							
HEIGHT (IN.)	WIDTH (IN)	MEETING RAIL CAM LOCK		MEETING RAIL AUTO-LATCH		BOTTOM RAIL AUTO-LATCH	
		POS. (+)	NEG. (-)	POS. (+)	NEG. (-)	POS. (+)	NEG. (-)
60	30	45.0	45.0	35.0	35.0	40.0	40.0
66		45.0	45.0	35.0	35.0	40.0	40.0
72		45.0	45.0	35.0	35.0	40.0	40.0
78		45.0	45.0	35.0	35.0	40.0	40.0
84		45.0	45.0	35.0	35.0	40.0	40.0
90		45.0	45.0	35.0	35.0	40.0	40.0
96		45.0	45.0	35.0	35.0	40.0	40.0
102		45.0	45.0	35.0	35.0	40.0	40.0
108		45.0	45.0	35.0	35.0	40.0	40.0
114		45.0	45.0	35.0	35.0	40.0	40.0
120	36	45.0	45.0	35.0	35.0	40.0	40.0
60		45.0	45.0	35.0	35.0	40.0	40.0
66		45.0	45.0	35.0	35.0	40.0	40.0
72		45.0	45.0	35.0	35.0	40.0	40.0
78		45.0	45.0	35.0	35.0	40.0	40.0
84		45.0	45.0	35.0	35.0	40.0	40.0
90		45.0	45.0	35.0	35.0	40.0	40.0
96		45.0	45.0	35.0	35.0	40.0	40.0
102		45.0	45.0	35.0	35.0	40.0	40.0
108		45.0	45.0	35.0	35.0	40.0	40.0
114	42	43.8	43.8	35.0	35.0	40.0	40.0
120		42.9	42.9	35.0	35.0	40.0	40.0
60		45.0	45.0	35.0	35.0	40.0	40.0
66		45.0	45.0	35.0	35.0	40.0	40.0
72		45.0	45.0	35.0	35.0	40.0	40.0
78		45.0	45.0	35.0	35.0	40.0	40.0
84		45.0	45.0	35.0	35.0	40.0	40.0
90		45.0	45.0	35.0	35.0	40.0	40.0
96		45.0	45.0	35.0	35.0	40.0	40.0
102		43.7	43.7	35.0	35.0	40.0	40.0
108	48	42.1	42.1	35.0	35.0	40.0	40.0
60		45.0	45.0	35.0	35.0	40.0	40.0
66		45.0	45.0	35.0	35.0	40.0	40.0
72		45.0	45.0	35.0	35.0	40.0	40.0
78		45.0	45.0	35.0	35.0	40.0	40.0
84		45.0	45.0	35.0	35.0	40.0	40.0
90		45.0	45.0	35.0	35.0	40.0	40.0
96		45.0	45.0	35.0	35.0	40.0	40.0
102		45.0	45.0	35.0	35.0	40.0	40.0
108		45.0	45.0	35.0	35.0	40.0	40.0
60	54	36.8	36.8	28.6	28.6	32.7	32.7
66		34.4	34.4	26.7	26.7	30.5	30.5
72		32.5	32.5	25.3	25.3	28.9	28.9
78		31.0	31.0	24.1	24.1	27.6	27.6
84		29.9	29.9	23.3	23.3	26.6	26.6
60	60	26.1	26.1	20.3	20.3	23.2	23.2
66		24.3	24.3	18.9	18.9	21.6	21.6
72		22.8	22.8	17.8	17.8	20.3	20.3



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TITLE:
VZ1 HAMPTON SERIES
SINGLE HUNG WINDOW
(NON-HVHZ)/(NON-IMPACT)

ELEVATION &
DESIGN PRESSURE TABLES

PREPARED BY:

BUILDING DROPS, INC.

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MIAMI, FL 33132

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FAX: (954)744-4738

WEB: www.buildingdrops.com



REMARKS

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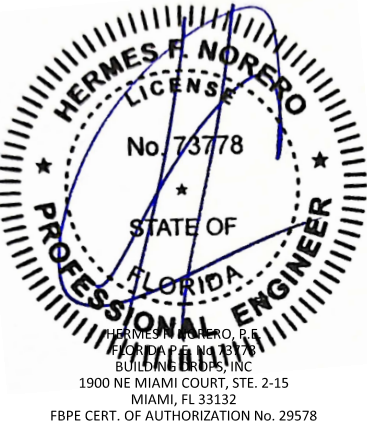
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FL47574

DATE: 06.09.25

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CHK. BY:
HFN

SCALE: NTS

DWG. #: AMS005

SHEET:

2

REV.

A

OF 12

QUALIFIED CONFIGURATIONS



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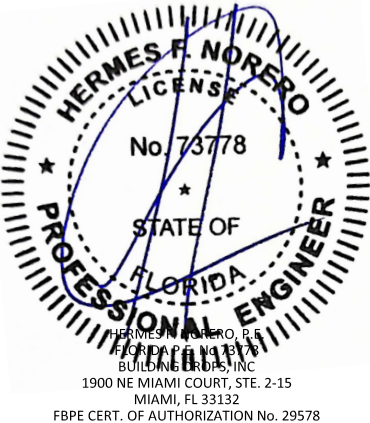
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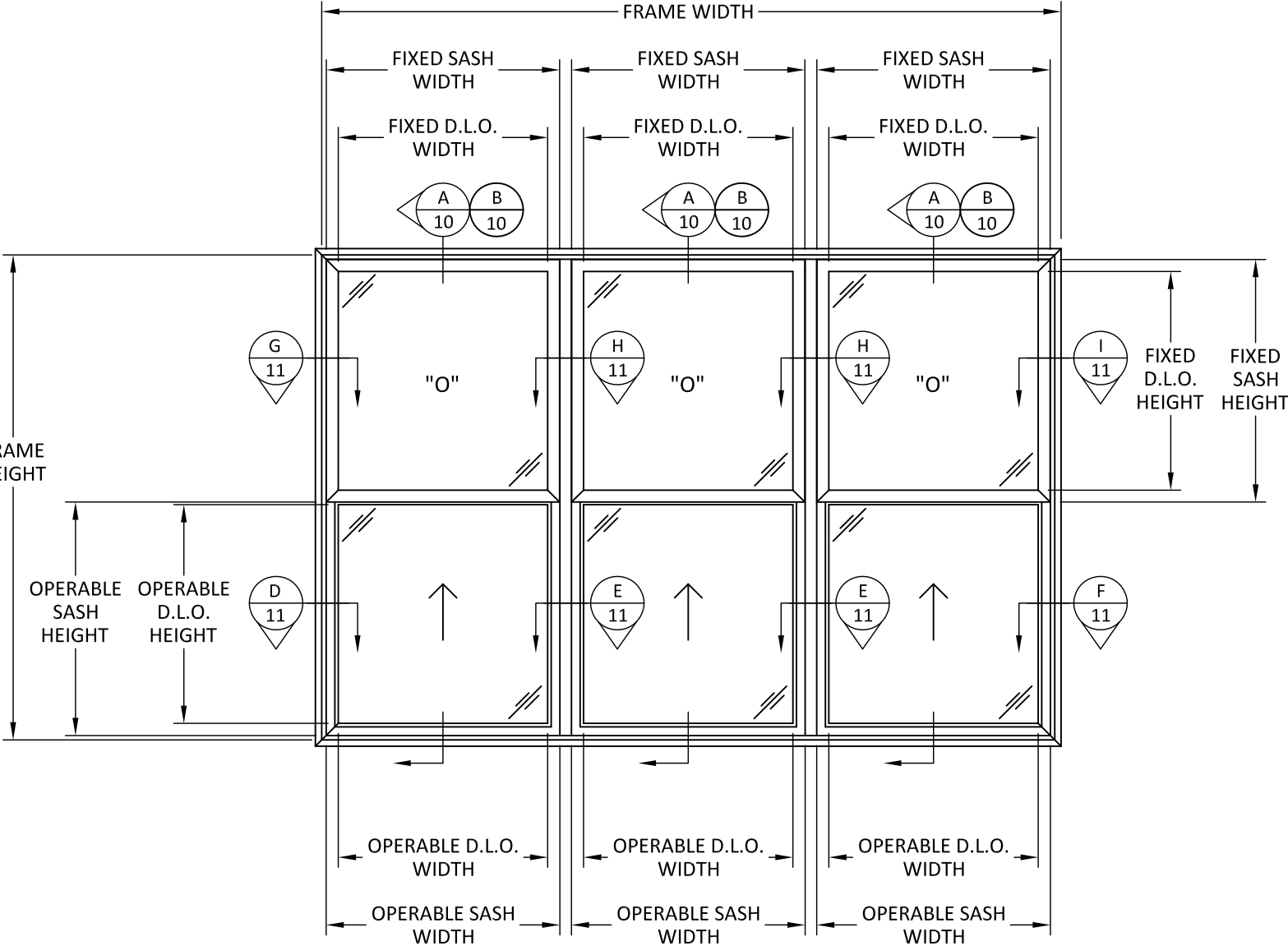


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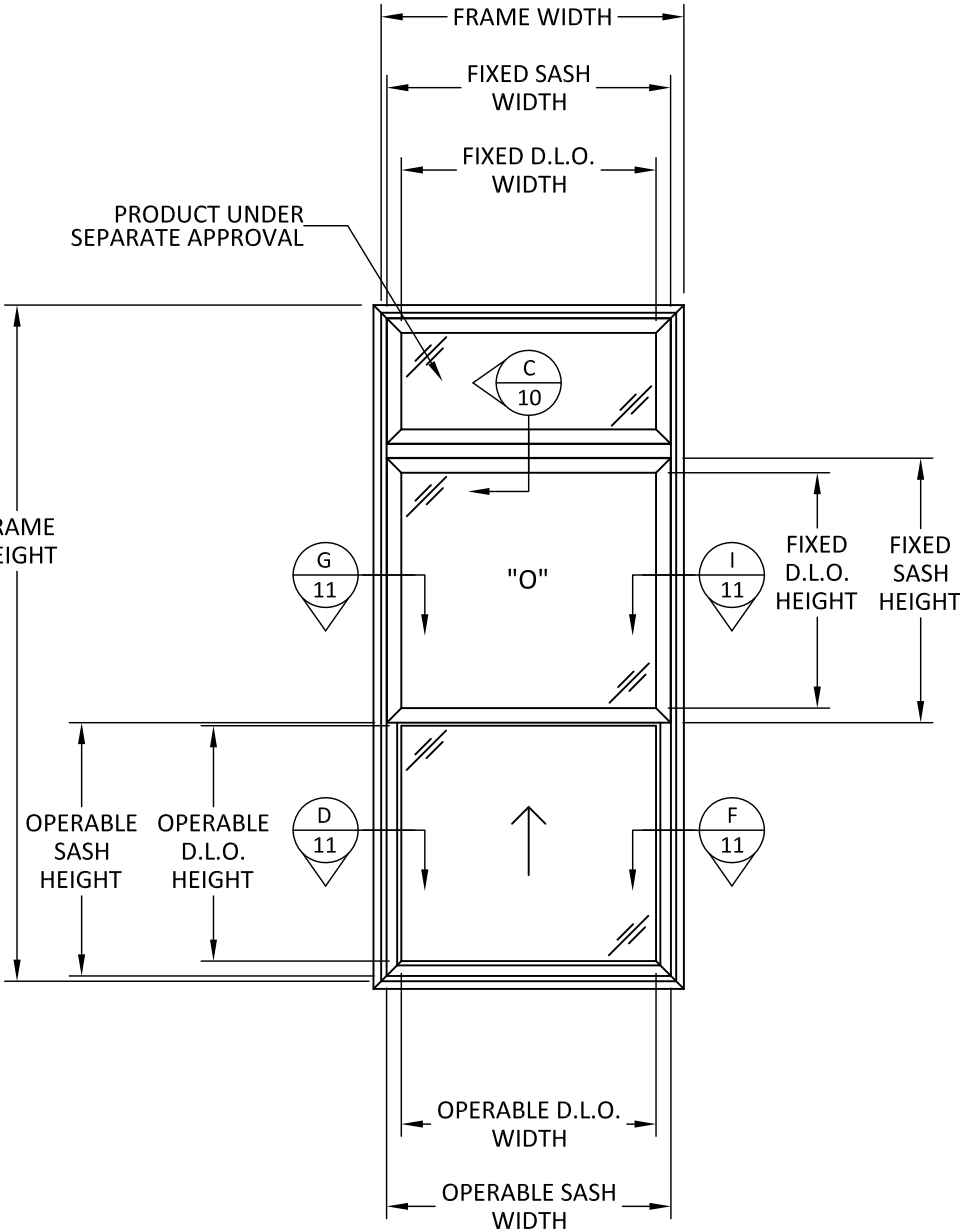
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SCALE:	NTS
DWG. #:	AMS005
SHEET:	3
REV.	A
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ELEVATION

AREA CANNOT EXCEED 96 FT²

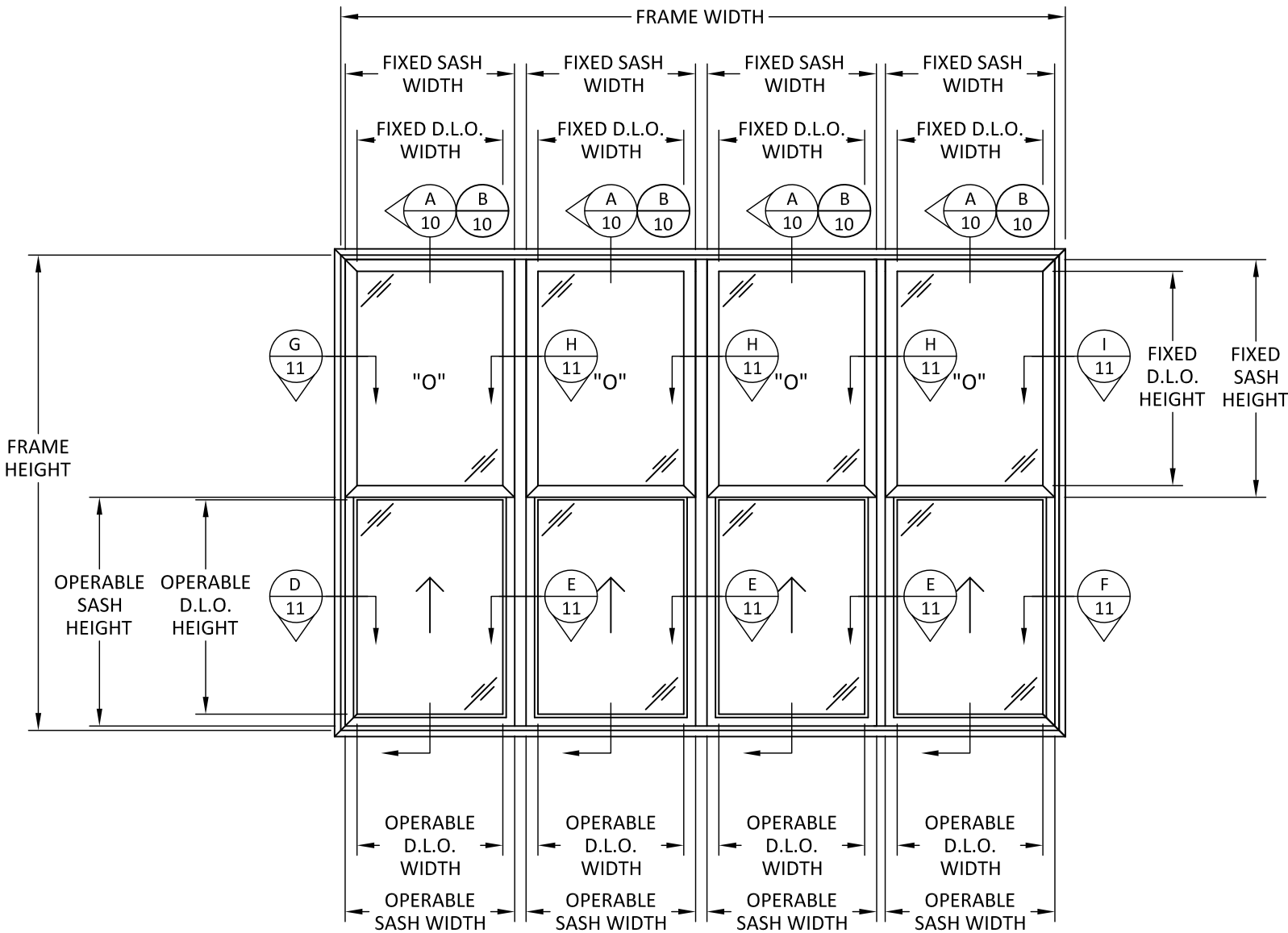
NOTE:
SEE SHEET 6 FOR ALLOWABLE MULLION
SIZES AND PRESSURES AND SHEET 2 FOR
SINGLE HUNG SIZES AND PRESSURES



ELEVATION

AREA CANNOT EXCEED 34 FT²

QUALIFIED CONFIGURATIONS



ELEVATION

AREA CANNOT EXCEED 96 FT²

NOTE:
SEE SHEET 6 FOR ALLOWABLE MULLION
SIZES AND PRESSURES AND SHEET 2 FOR
SINGLE HUNG SIZES AND PRESSURES



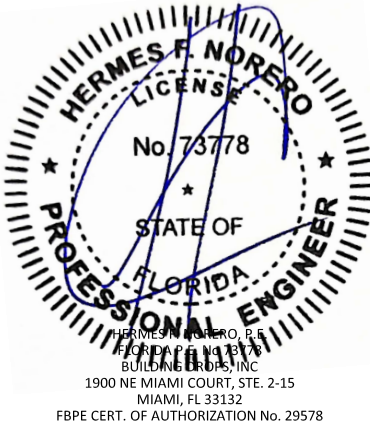
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REMARKS	BY	DATE
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QUALIFIED CONFIGURATIONS



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SINGLE HUNG WINDOW
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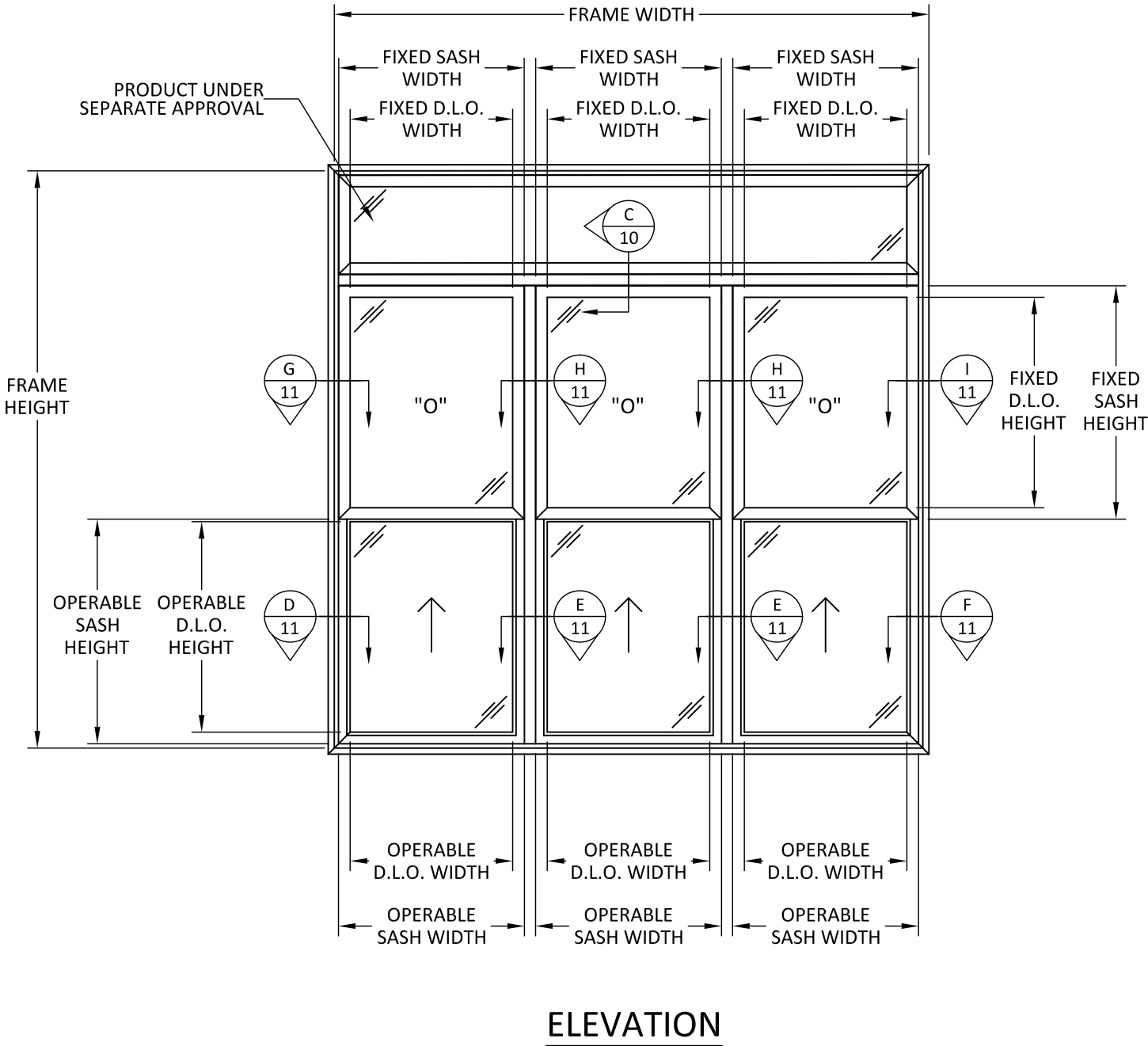


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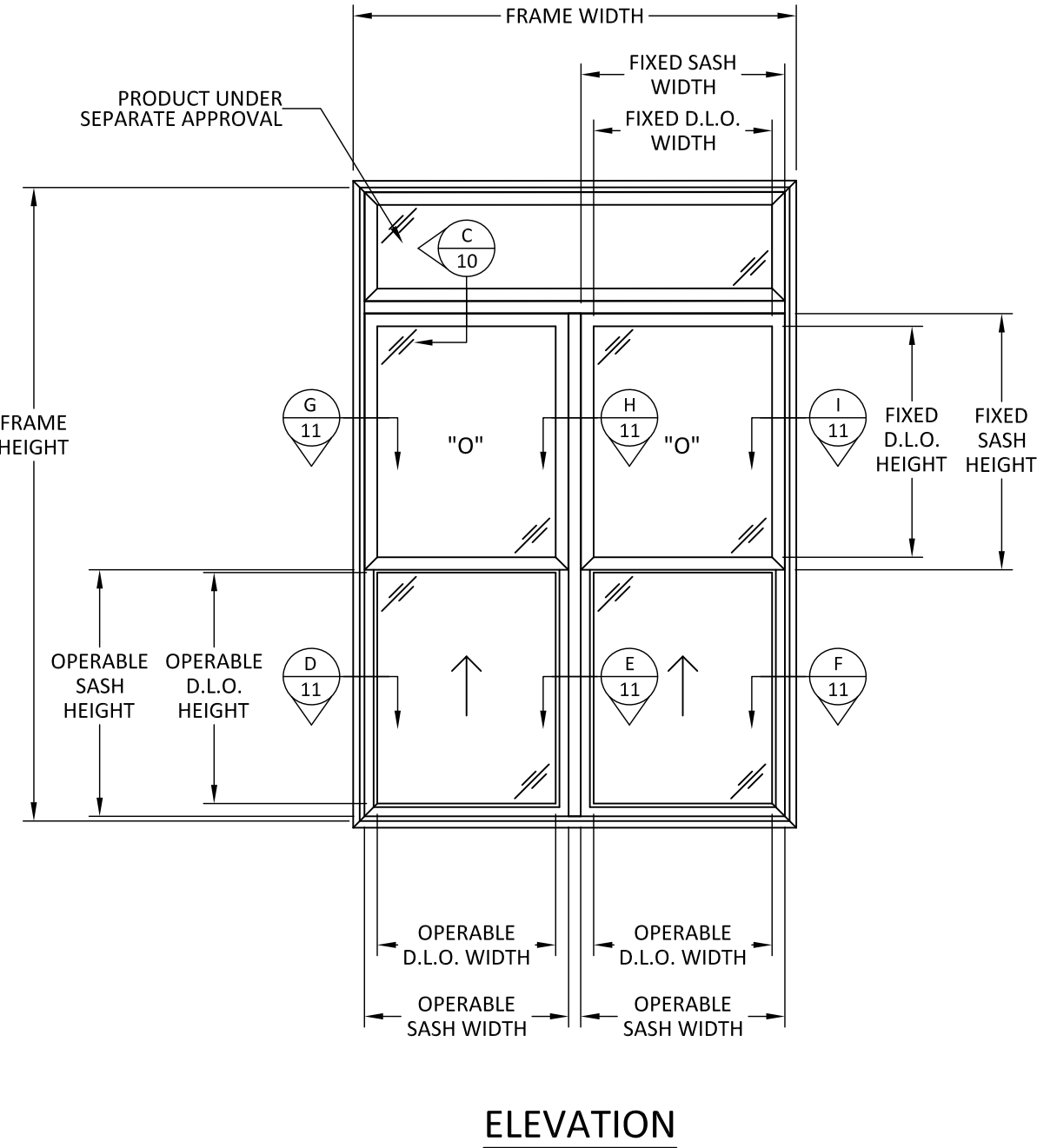


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DWG. #:	AMS005
SHEET:	5
REV.	A



AREA CANNOT EXCEED 80 FT²

NOTE:
SEE SHEET 6 FOR ALLOWABLE MULLION
SIZES AND PRESSURES AND SHEET 2 FOR
SINGLE HUNG SIZES AND PRESSURES



AREA CANNOT EXCEED 68 FT²

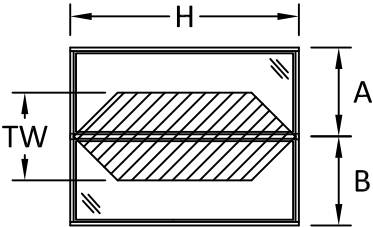
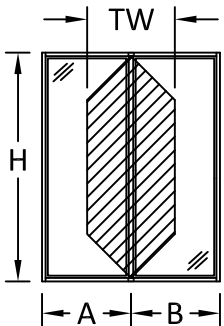
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MULLION DESIGN PRESSURE TABLE

MULLION DESIGN PRESSURE TABLE (PSF)			
TRIB. WIDTH [TW] (IN)	SPAN [H] (IN.)	POS. (+)	NEG. (-)
24	66	45.0	45.0
30		45.0	45.0
36		45.0	45.0
42		45.0	45.0
48		45.0	45.0
54		45.0	45.0
60		45.0	45.0
66		45.0	45.0
24	72	45.0	45.0
30		45.0	45.0
36		45.0	45.0
42		45.0	45.0
48		45.0	45.0
54		45.0	45.0
60		45.0	45.0
24	78	45.0	45.0
30		45.0	45.0
36		45.0	45.0
42		45.0	45.0
48		45.0	45.0
54		45.0	45.0
24	84	45.0	45.0
30		45.0	45.0
36		45.0	45.0
42		45.0	45.0
48		45.0	45.0
54		45.0	45.0

MULLION DESIGN PRESSURE TABLE (PSF)			
TRIB. WIDTH [TW] (IN)	SPAN [H] (IN.)	POS. (+)	NEG. (-)
24	90	45.0	45.0
30		45.0	45.0
36		45.0	45.0
42		45.0	45.0
48		45.0	45.0
24	96	45.0	45.0
30		45.0	45.0
36		45.0	45.0
42		45.0	45.0
48		45.0	45.0
24	102	45.0	45.0
30		45.0	45.0
36		45.0	45.0
42		41.5	41.5
24	108	45.0	45.0
30		45.0	45.0
36		39.8	39.8
42		34.7	34.7
24	114	45.0	45.0
30		39.9	39.9
36		33.7	33.7
24	120	42.3	42.3
30		34.1	34.1
36		28.8	28.8

NOTE: THE LOWER DESIGN PRESSURE BETWEEN THE VALUES ON THESE TABLES AND THE TABLES ON SHEET 2 SHALL APPLY TO THE MULLED CONFIGURATIONS.



$$\frac{A + B}{2} = TW$$



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TITLE:
VZ1 HAMPTON SERIES
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MULLION DESIGN
PRESSURE TABLES

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BUILDING DROPS, INC.

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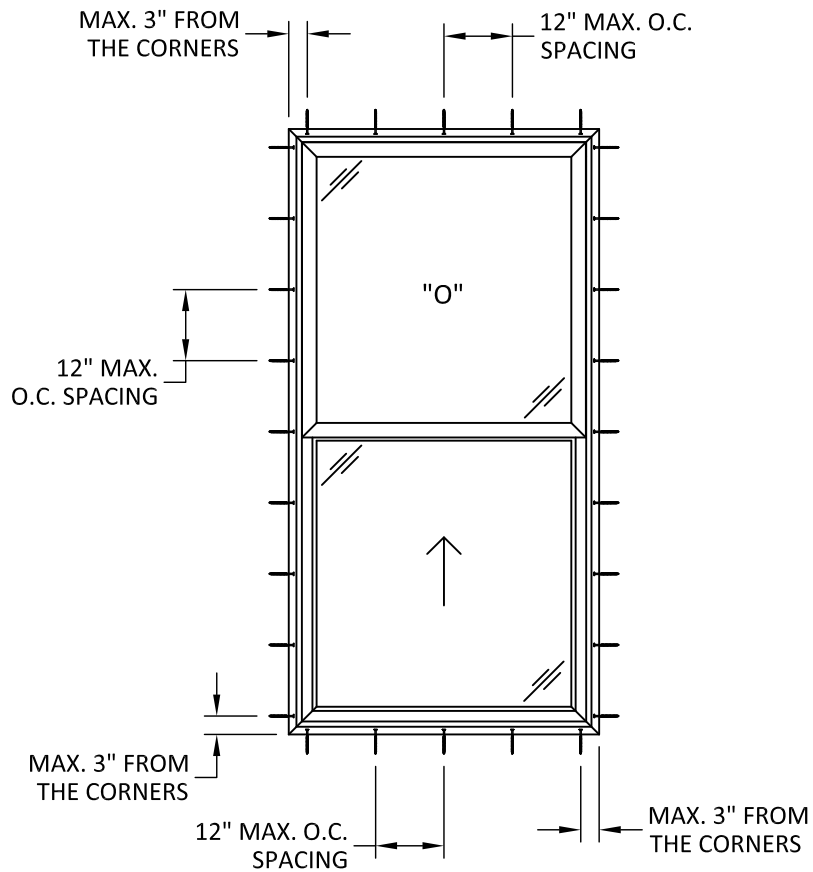
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SCALE: **NTS**

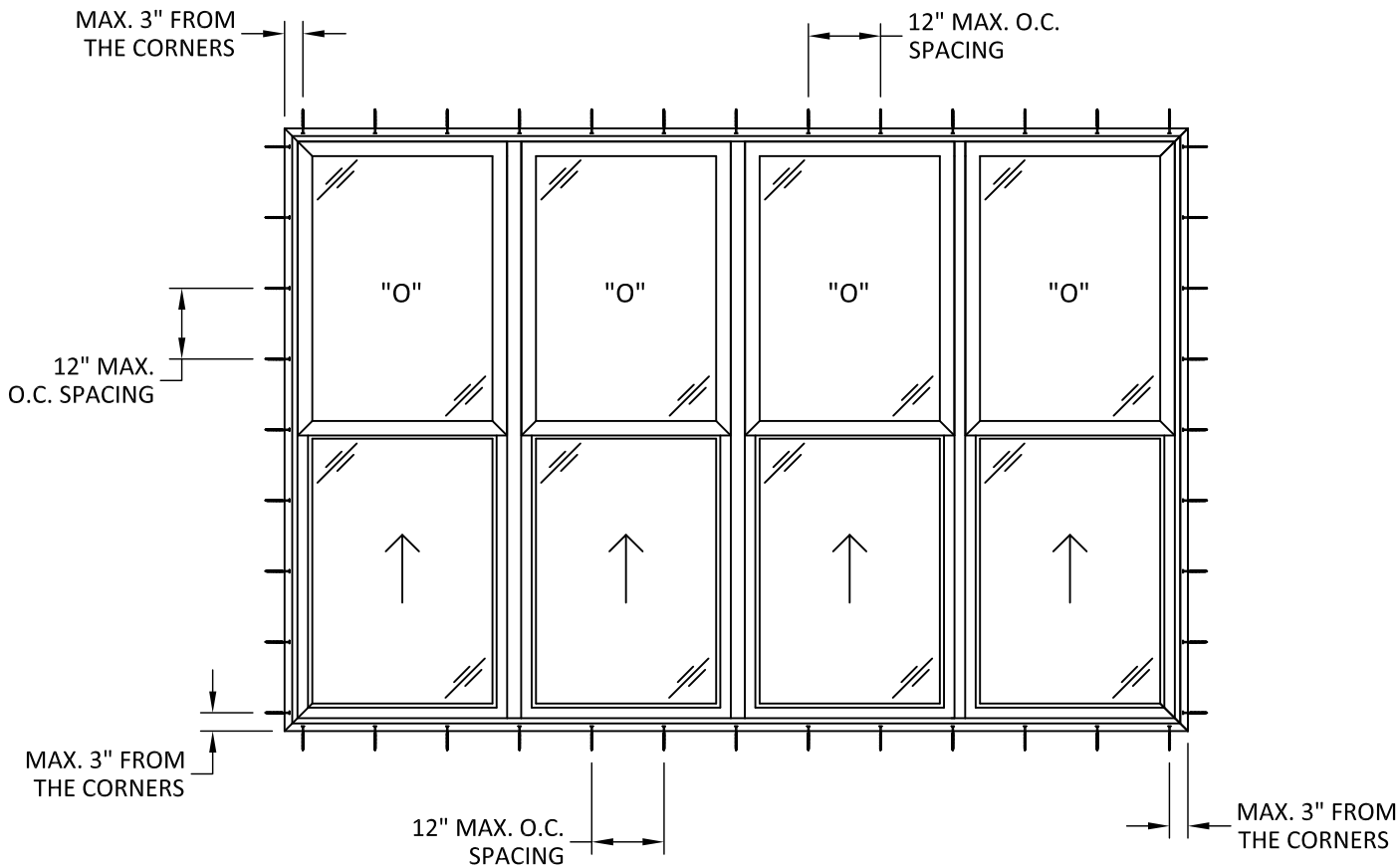
DWG. #: **AMS005**

SHEET: **6** REV. **A**

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ANCHOR LAYOUT
NAIL-FIN INSTALLATION



ANCHOR LAYOUT
NAIL-FIN INSTALLATION



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ANCHOR LAYOUTS

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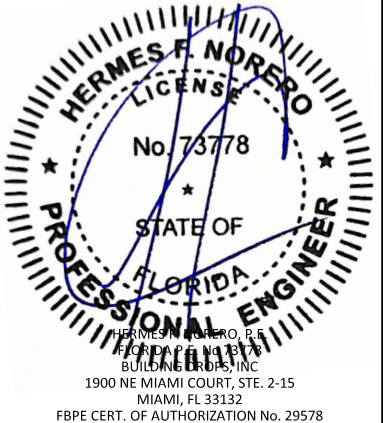
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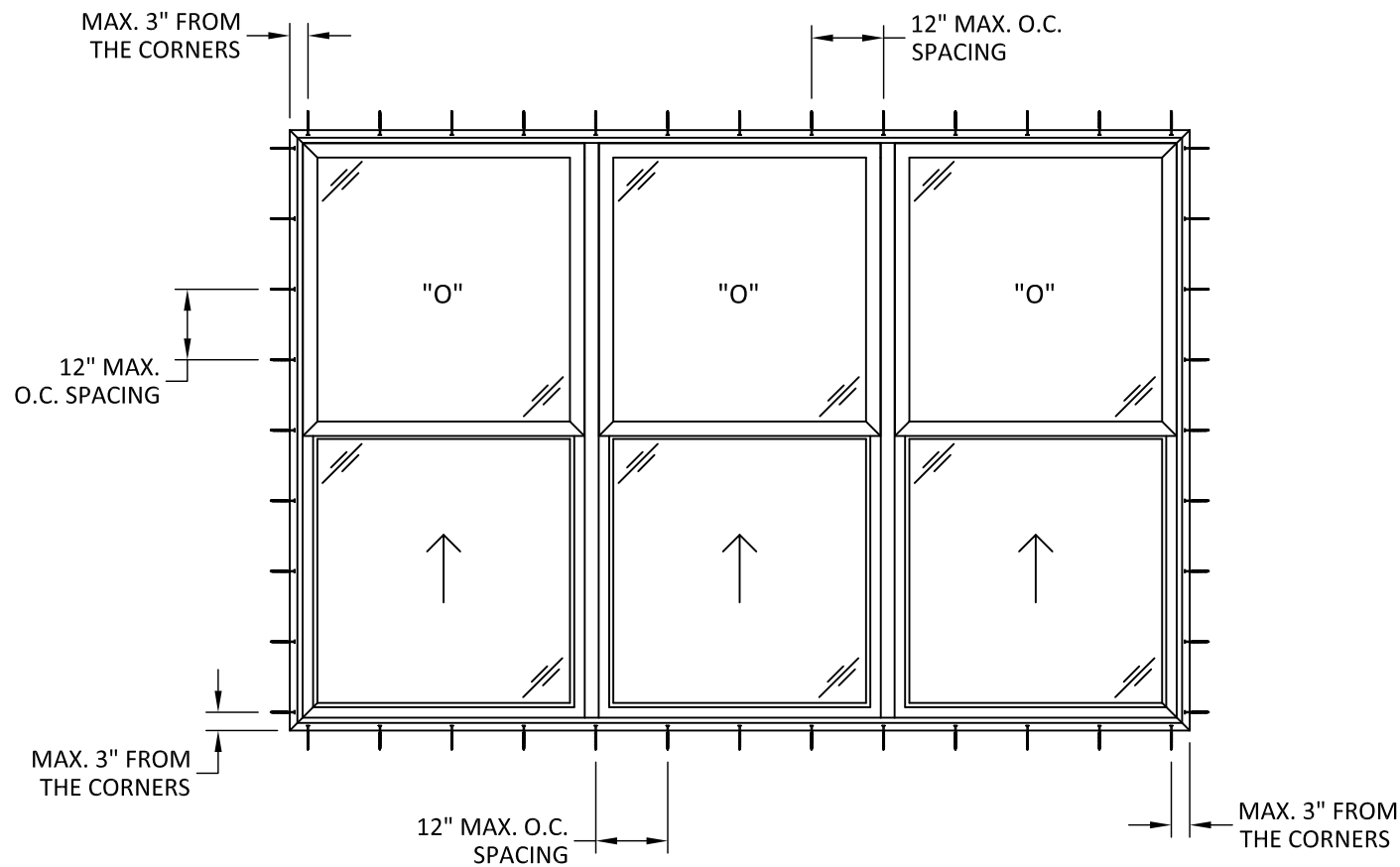
DWG. BY:	CHK. BY:
SH	HFN

SCALE: **NTS**

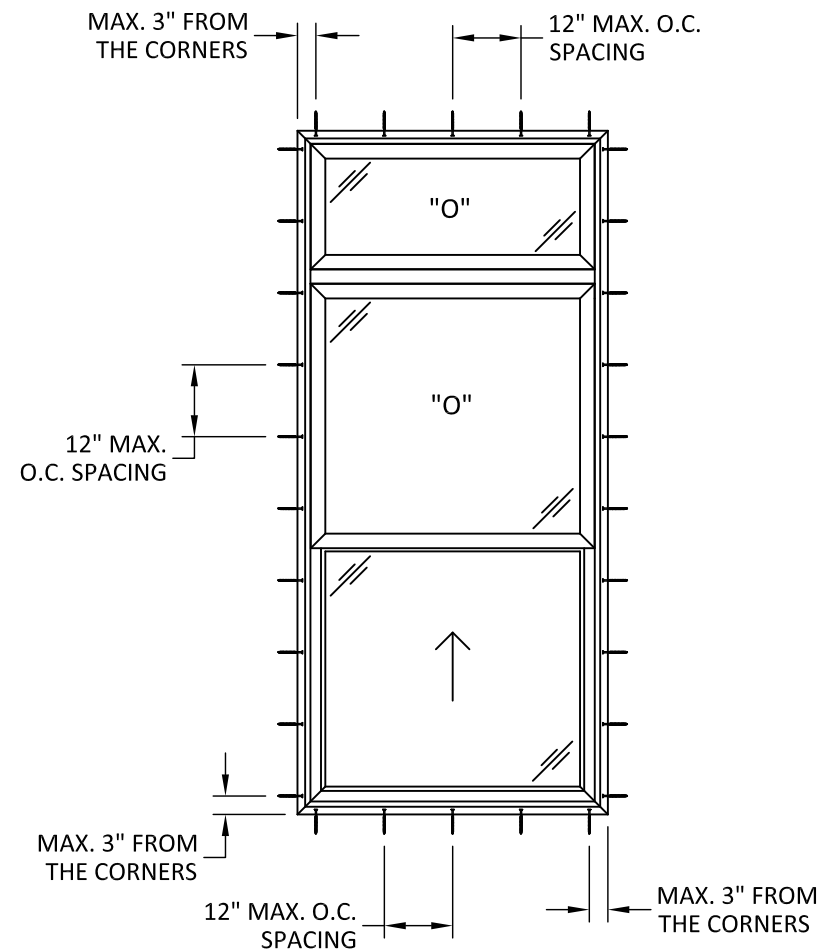
DWG. #: **AMS005**

SHEET:	REV.
7	A

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ANCHOR LAYOUT
NAIL-FIN INSTALLATION



ANCHOR LAYOUT
NAIL-FIN INSTALLATION



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

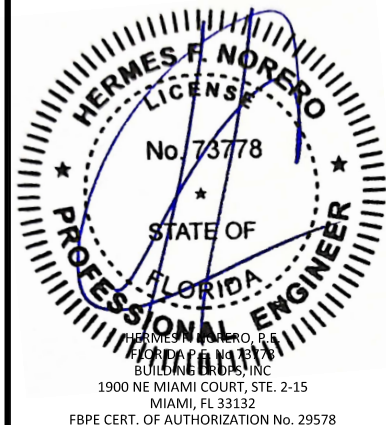
ANCHOR LAYOUTS

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1900 NE MIAMI COURT, STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
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2026 FBC UPDATE	LS	06/26

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FL47574

DATE: **06.09.25**

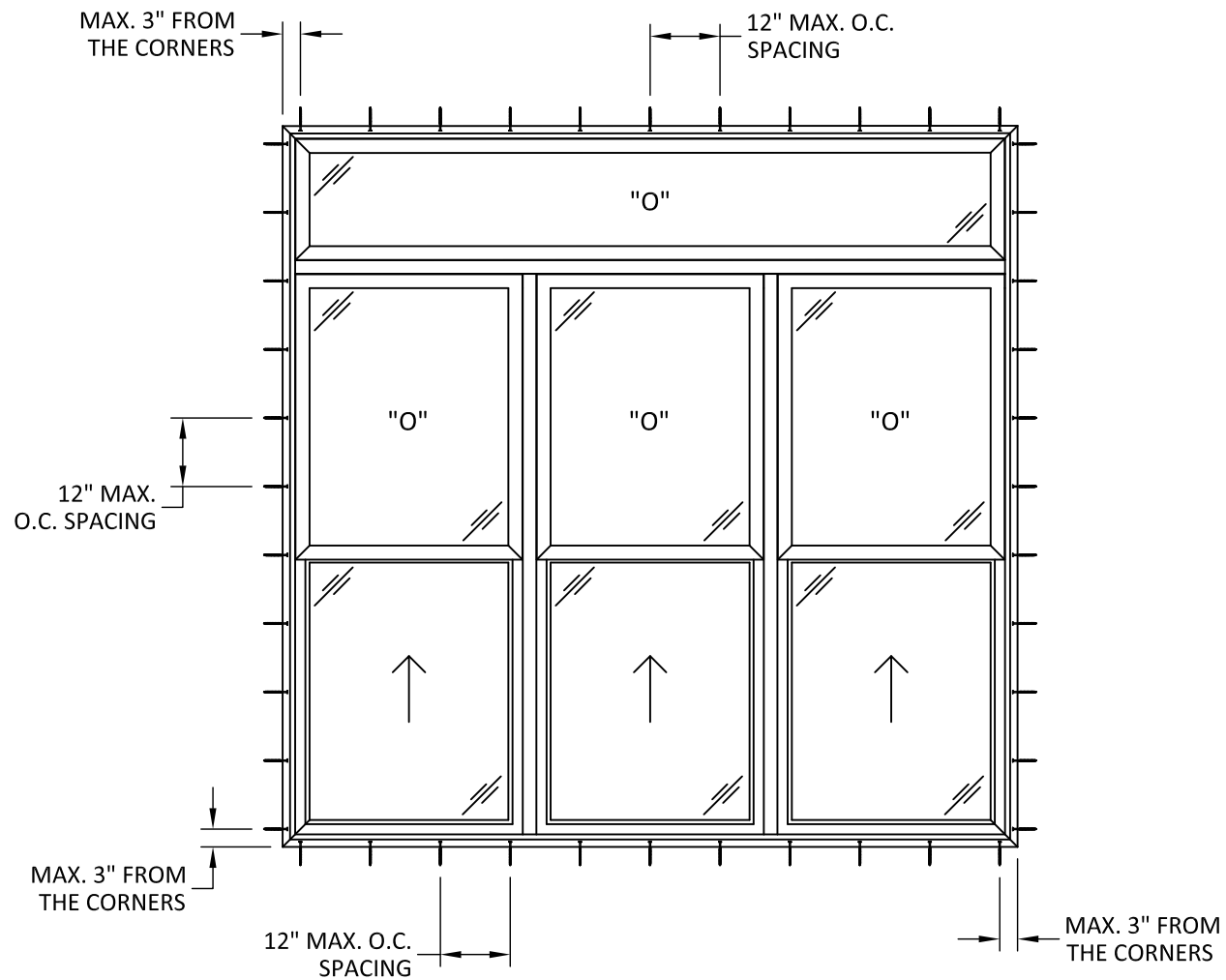
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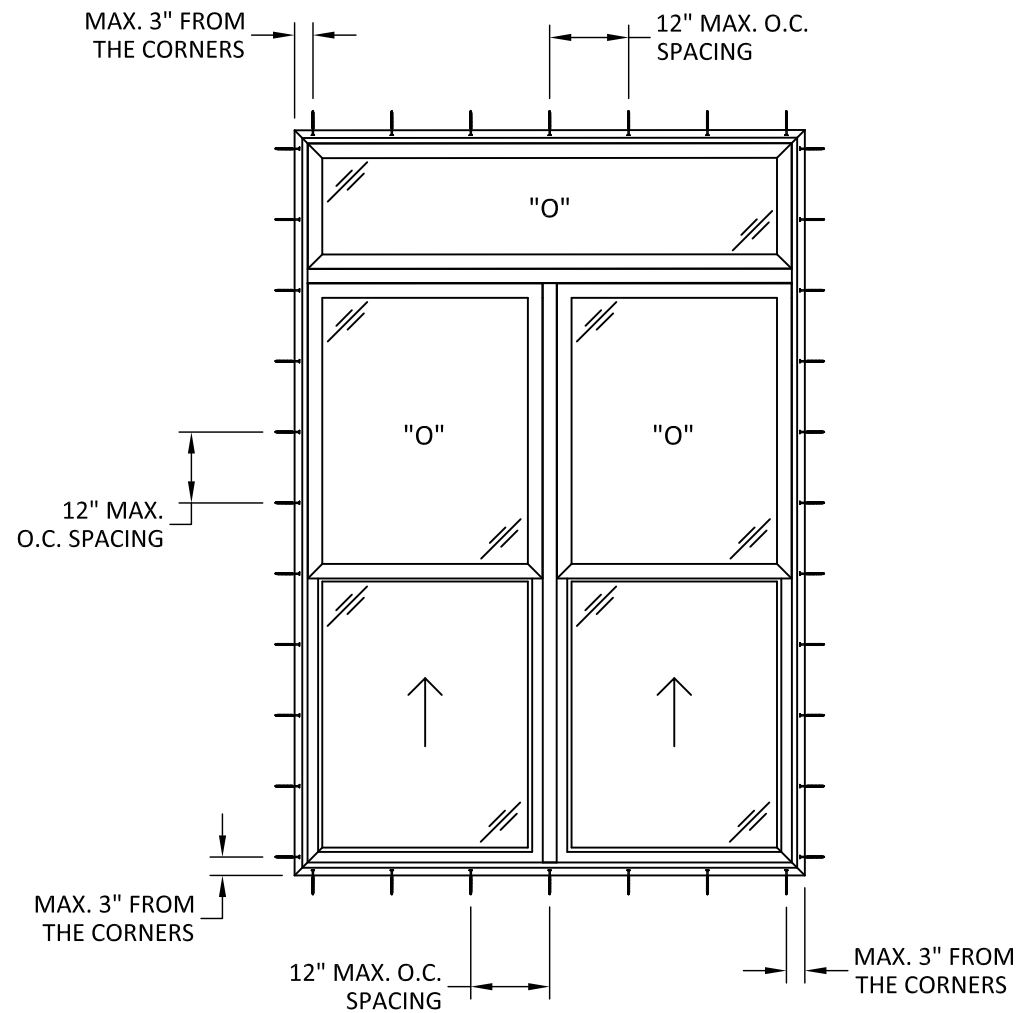
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ANCHOR LAYOUT
NAIL-FIN INSTALLATION



ANCHOR LAYOUT
NAIL-FIN INSTALLATION



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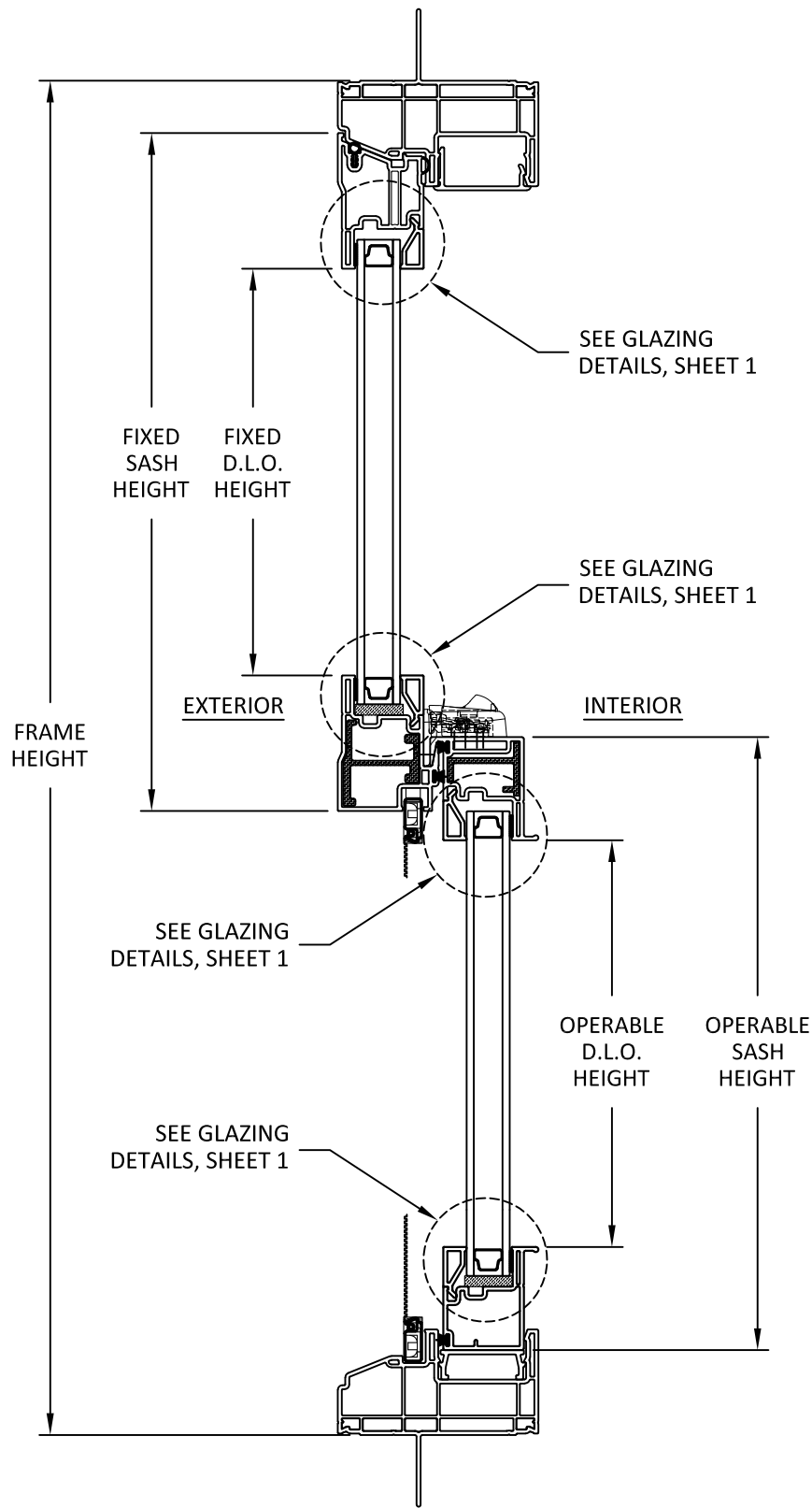
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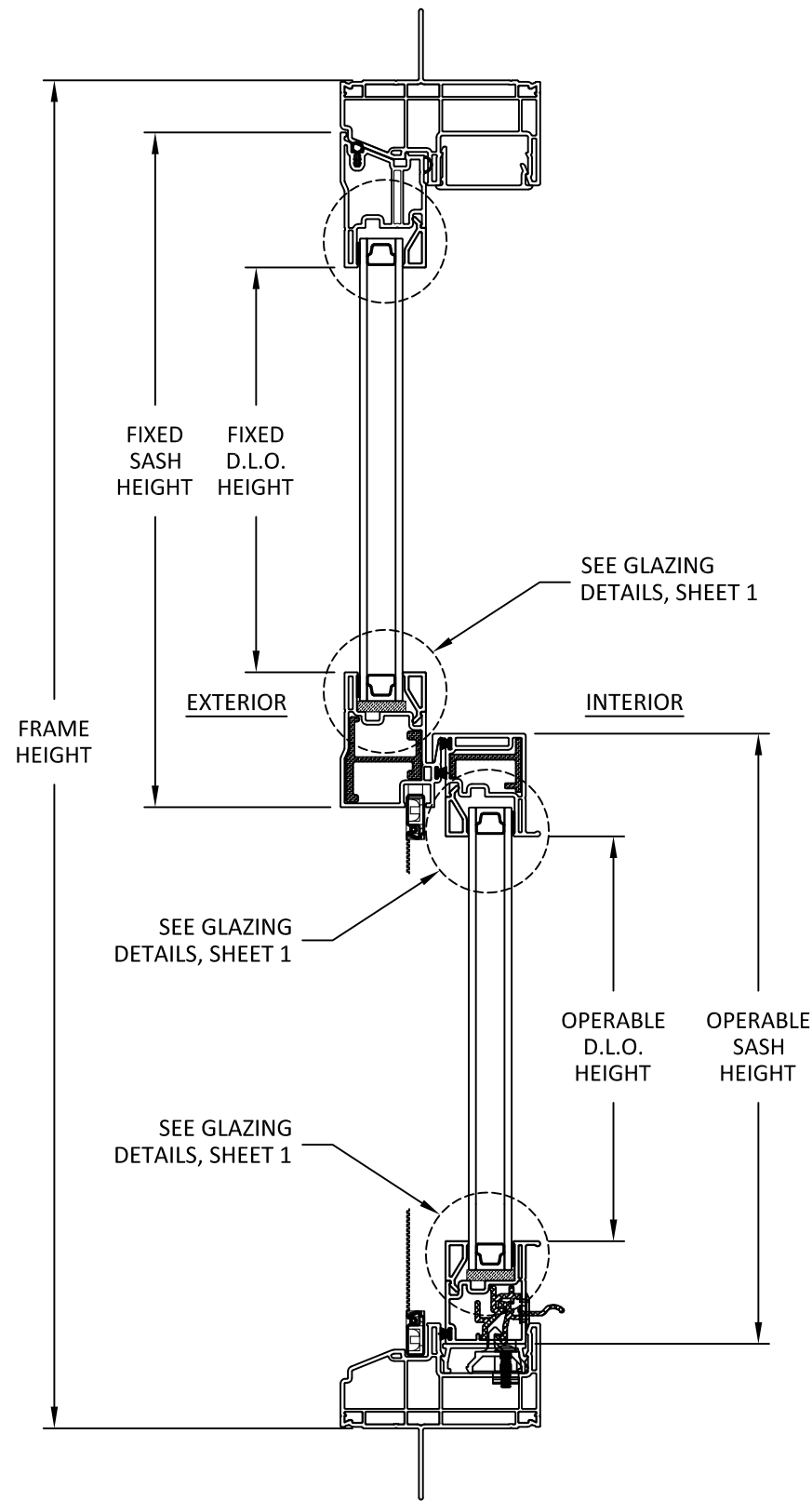


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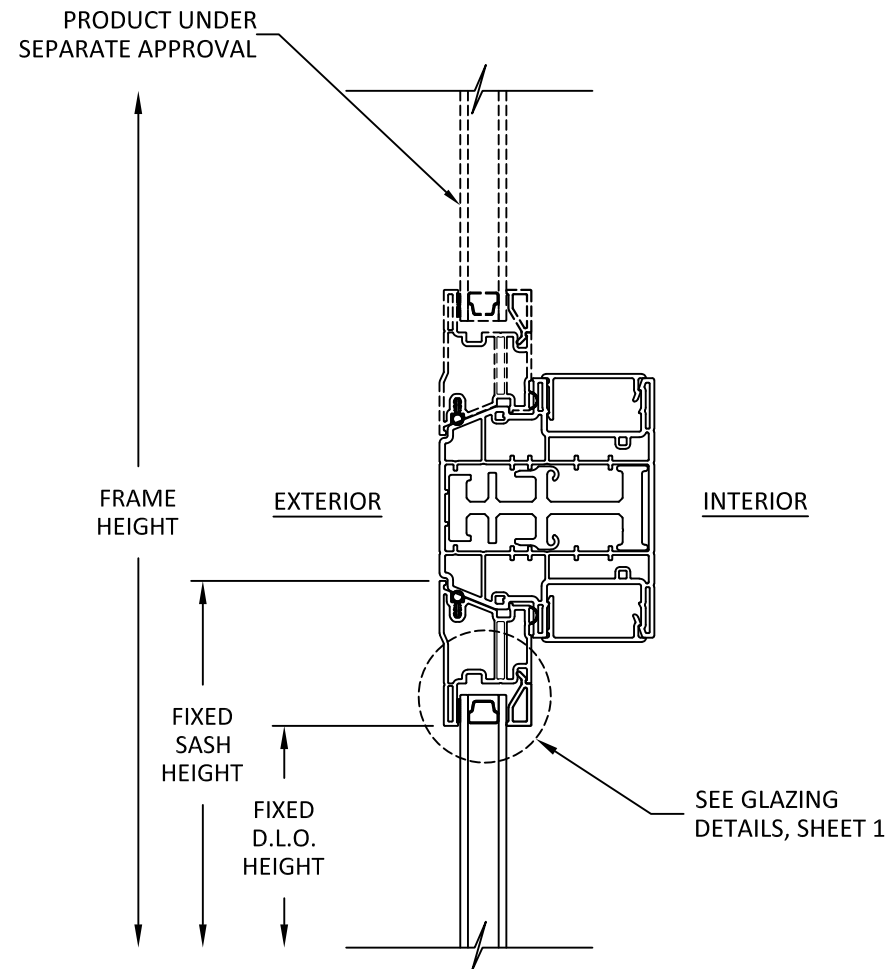
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A
10 VERTICAL SECTION
MEETING RAIL CAM LOCK OR
MEETING RAIL AUTO-LATCH SIM.



B
10 VERTICAL SECTION
BOTTOM RAIL AUTO-LATCH



C
10 VERTICAL SECTION
TYP. HORIZONTAL MULLION



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VERTICAL SECTIONS

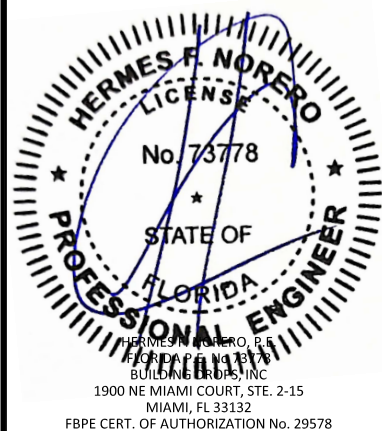
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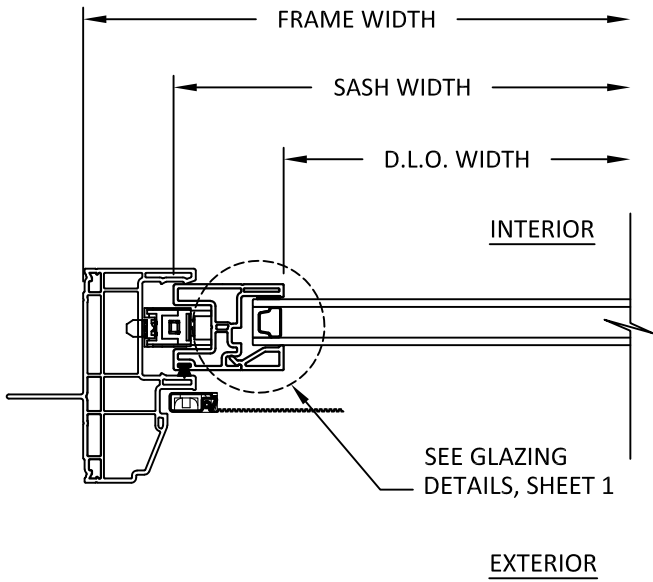
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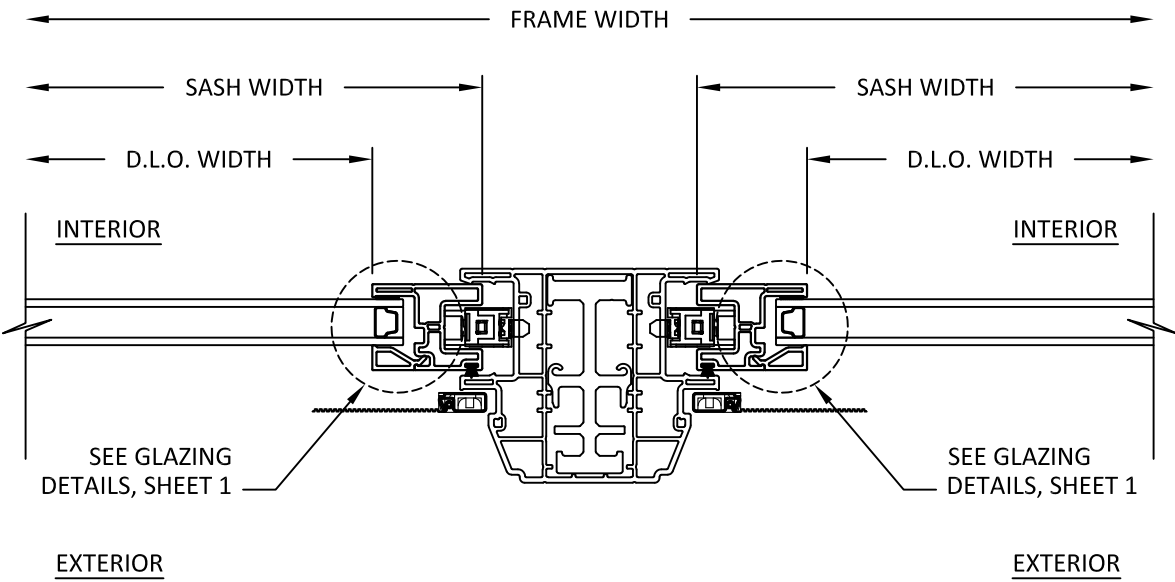


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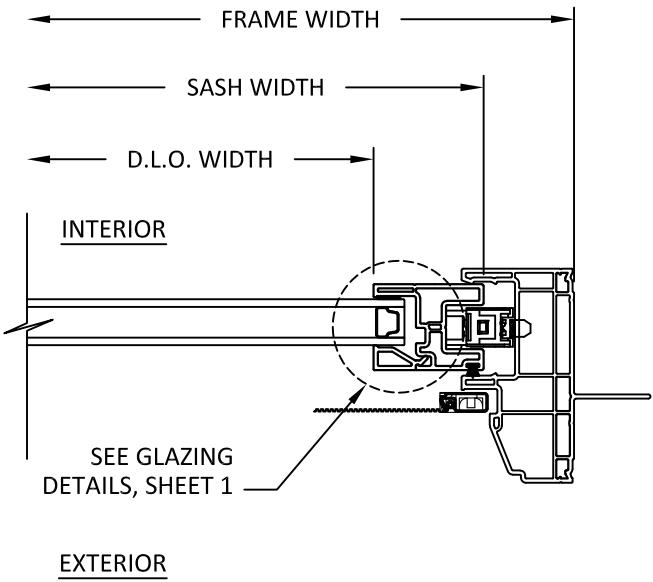
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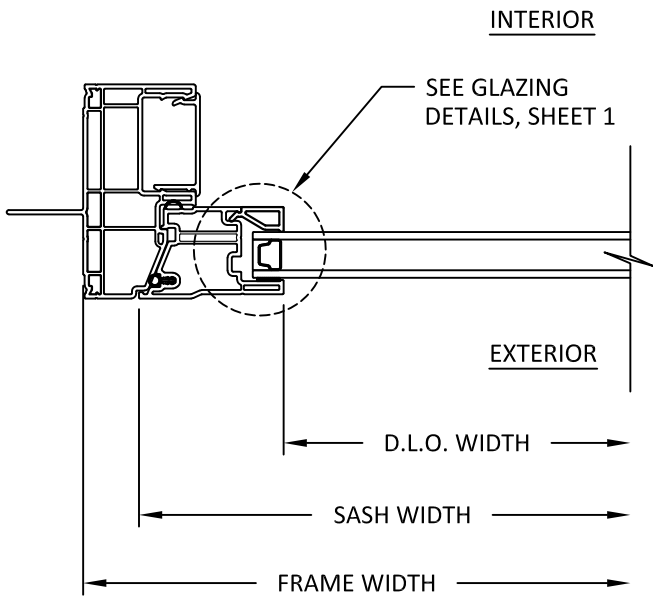
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11 HORIZONTAL SECTION
OPERABLE JAMB



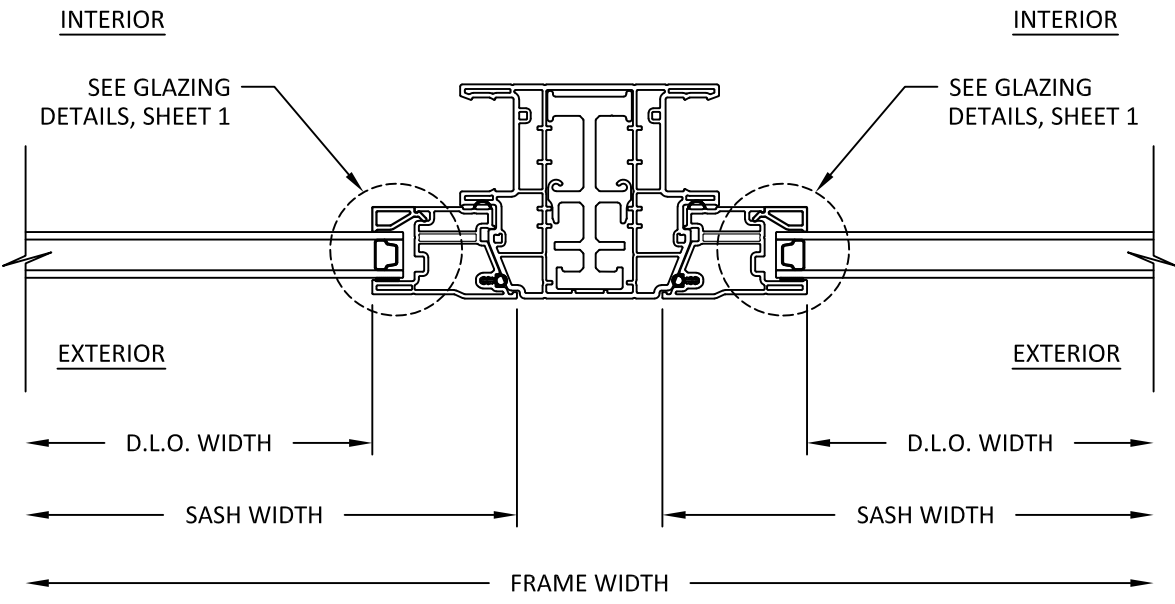
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11 HORIZONTAL SECTION
OPERABLE VERTICAL MULLION



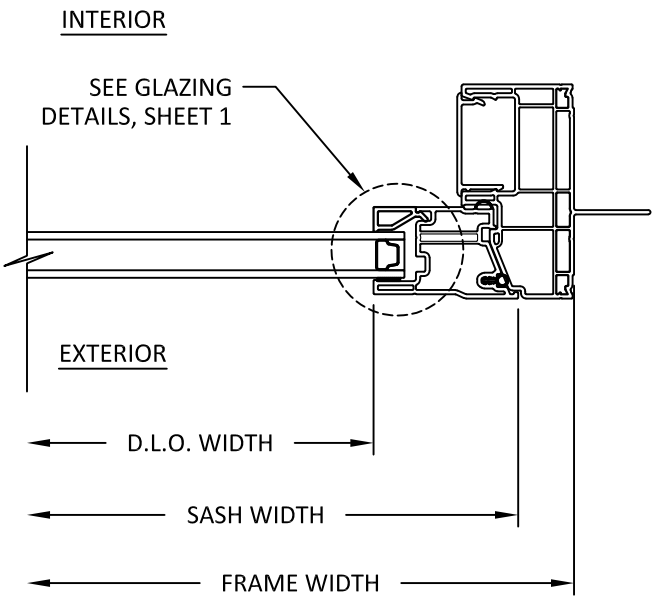
F
11 HORIZONTAL SECTION
OPERABLE JAMB



G
11 HORIZONTAL SECTION
FIXED JAMB



E
11 HORIZONTAL SECTION
FIXED VERTICAL MULLION



I
11 HORIZONTAL SECTION
FIXED JAMB



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HORIZONTAL SECTIONS

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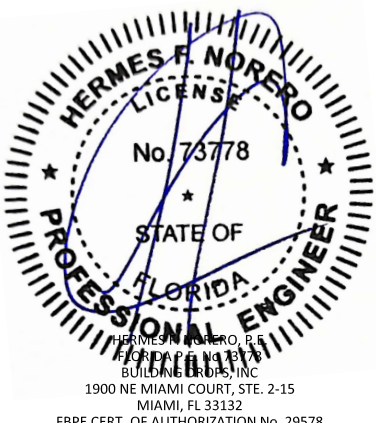
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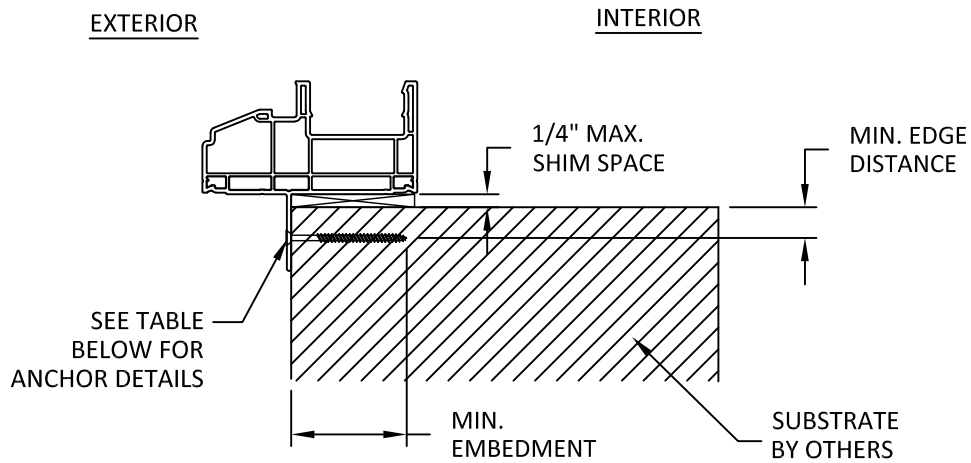
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A
12 **VERTICAL SECTION**
SILL - NAIL-FIN

NOTE: HEAD AND
JAMB SIMILAR

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEETS 7, 8, AND 9.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ 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.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN EMBEDMENT	MIN. EDGE DISTANCE
NAIL-FIN	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 GR. 5 SELF-DRILLING SCREW	3 THREADS MIN PENETRATION BEYOND STRUCTURE	0.50"



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ANCHOR DETAILS &
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OF 12