

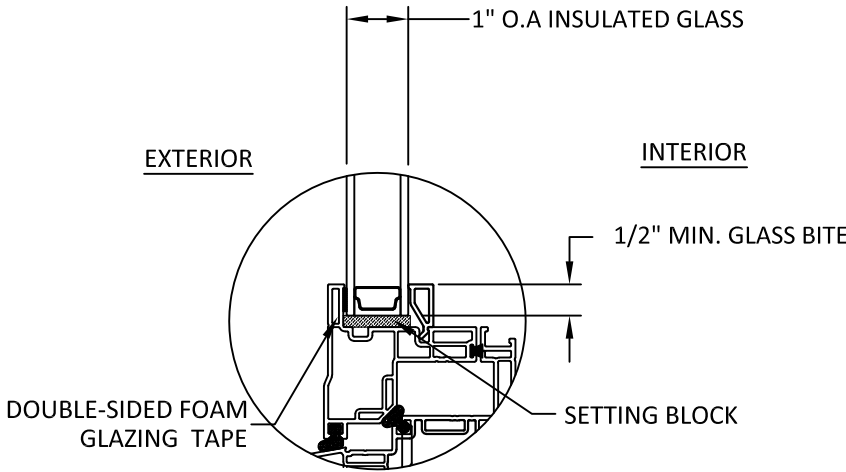
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# AMSCO WINDOWS

## VZ1 HAMPTON SERIES CASEMENT PICTURE 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 ±1/4 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.
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.



GLAZING DETAIL 1

GLAZING NOTES:

1. GLASS TYPE SHALL COMPLY 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                 | ELEVATION AND DESIGN PRESSURE TABLES  |
| 4                 | ANCHOR LAYOUTS                        |
| 5                 | VERTICAL SECTION                      |
| 6                 | HORIZONTAL SECTIONS                   |
| 7                 | ANCHOR DETAILS AND INSTALLATION NOTES |

| DESIGN PRESSURE RATING (PSF) |             |              |                 |                       |
|------------------------------|-------------|--------------|-----------------|-----------------------|
| CONFIGURATION                | WIDTH (IN.) | HEIGHT (IN.) | DESIGN PRESSURE | MISSILE IMPACT RATING |
| O                            | SEE SHEET 2 | SEE SHEET 2  | SEE SHEET 2     | NON-IMPACT            |
| OO                           | SEE SHEET 3 | SEE SHEET 3  | SEE SHEET 3     | NON-IMPACT            |



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TITLE:  
VZ1 HAMPTON SERIES  
CASEMENT PICTURE  
WINDOW  
(NON-HVHZ)(NON-IMPACT)  
GENERAL NOTES &  
GLAZING DETAIL

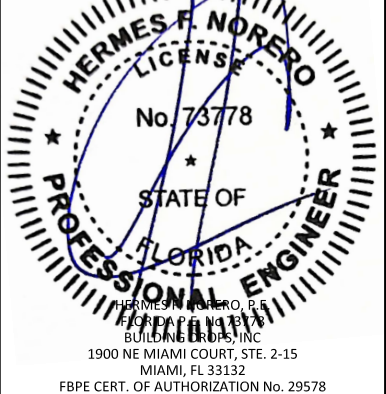
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BUILDING DROPS, INC.  
1900 NE MIAMI COURT, STE. 2-15  
MIAMI, FL 33132  
PH: (954)399-8478  
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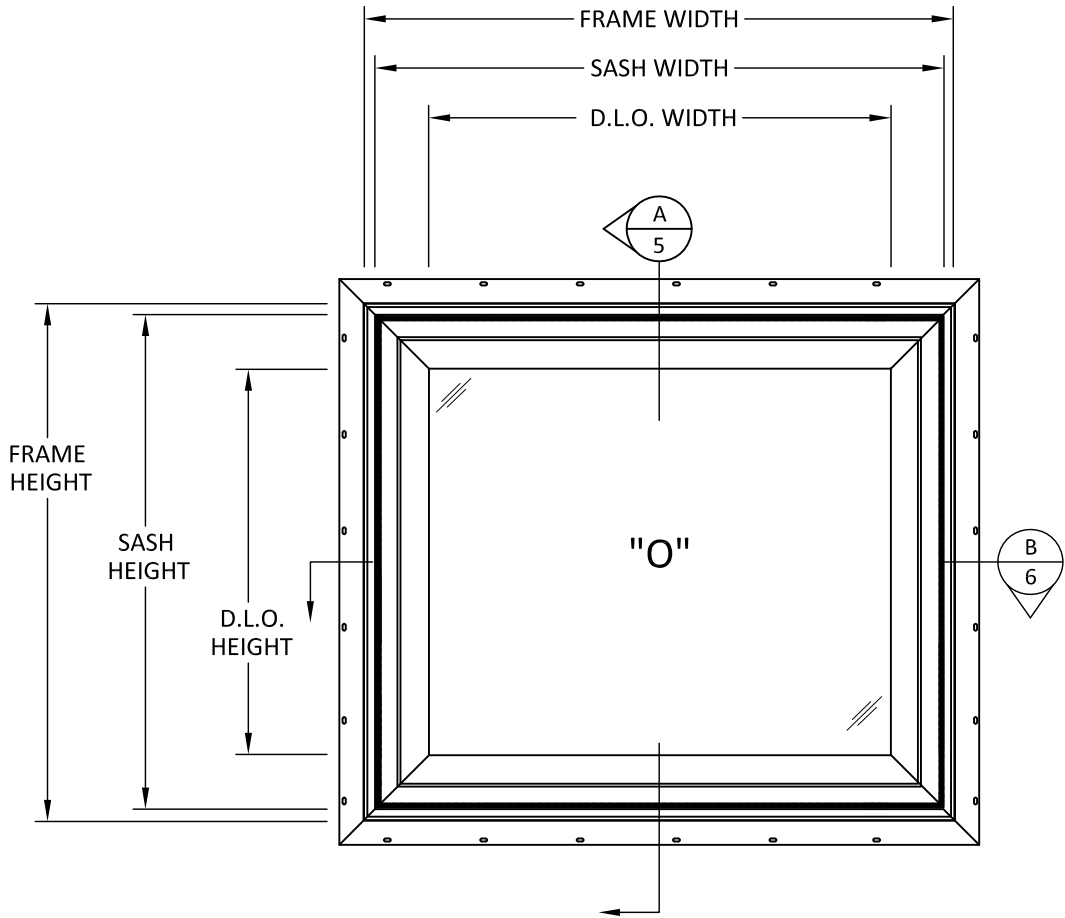
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Digitally signed by Hermes F. Norero, P.E.  
Reason: I am approving this document  
Date: 2026.09.15 11:11:09 -0400'



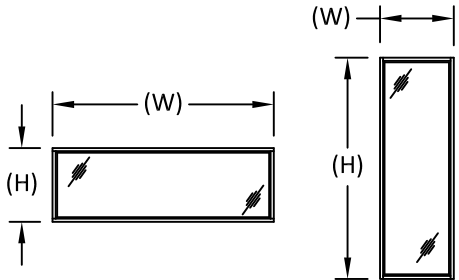
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| DATE:    | 05.20.25 |              |
| DWG. BY: | HJ       | CHK. BY: HFN |
| SCALE:   | NTS      |              |
| DWG. #:  | AMS003   |              |
| SHEET:   | 1        | REV. A       |
| OF 7     |          |              |

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ELEVATION  
SINGLE

SIZE NOTES:  
SASH WIDTH = FRAME WIDTH - 1-7/8"  
SASH HEIGHT = FRAME HEIGHT - 1-7/8"  
D.L.O. WIDTH = FRAME WIDTH - 6-15/16"  
D.L.O. HEIGHT = FRAME HEIGHT - 6-15/16"



NOTE:  
WINDOW WIDTH (W) AND HEIGHT (H) ARE INTERCHANGEABLE FOR ALL SIZES SHOWN HEREIN NOT TO EXCEED MAXIMUM TESTED SQUARE FOOT AREA.

| SINGLE DESIGN PRESSURE TABLE (PSF) |              |          |          |
|------------------------------------|--------------|----------|----------|
| WIDTH (IN)                         | HEIGHT (IN.) | POS. (+) | NEG. (-) |
| 36                                 | 60           | 45.0     | 45.0     |
| 42                                 |              | 45.0     | 45.0     |
| 48                                 |              | 45.0     | 45.0     |
| 54                                 |              | 45.0     | 45.0     |
| 60                                 |              | 45.0     | 45.0     |
| 36                                 | 66           | 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                                 | 72           | 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                                 | 84           | 45.0     | 45.0     |
| 66                                 |              | 45.0     | 45.0     |
| 72                                 |              | 45.0     | 45.0     |
| 36                                 |              | 45.0     | 45.0     |
| 42                                 |              | 45.0     | 45.0     |
| 48                                 | 90           | 45.0     | 45.0     |
| 54                                 |              | 45.0     | 45.0     |
| 60                                 |              | 45.0     | 45.0     |
| 66                                 |              | 45.0     | 45.0     |
| 72                                 |              | 45.0     | 45.0     |
| 78                                 | 96           | 45.0     | 45.0     |
| 84                                 |              | 45.0     | 45.0     |
| 36                                 |              | 45.0     | 45.0     |
| 42                                 |              | 45.0     | 45.0     |
| 48                                 |              | 45.0     | 45.0     |
| 54                                 | 102          | 45.0     | 45.0     |
| 60                                 |              | 45.0     | 45.0     |
| 66                                 |              | 45.0     | 45.0     |
| 72                                 |              | 45.0     | 45.0     |
| 78                                 |              | 44.1     | 44.1     |
| 36                                 | 108          | 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                                 | 114          | 45.0     | 45.0     |
| 72                                 |              | 44.3     | 44.3     |
| 36                                 |              | 45.0     | 45.0     |
| 42                                 |              | 45.0     | 45.0     |
| 48                                 |              | 45.0     | 45.0     |
| 54                                 | 120          | 45.0     | 45.0     |
| 60                                 |              | 45.0     | 45.0     |
| 66                                 |              | 45.0     | 45.0     |
| 36                                 |              | 45.0     | 45.0     |
| 42                                 |              | 45.0     | 45.0     |
| 48                                 | 126          | 45.0     | 45.0     |
| 54                                 |              | 45.0     | 45.0     |
| 60                                 |              | 45.0     | 45.0     |
| 66                                 |              | 44.4     | 44.4     |
| 36                                 | 132          | 45.0     | 45.0     |
| 42                                 |              | 45.0     | 45.0     |
| 48                                 |              | 45.0     | 45.0     |
| 54                                 |              | 45.0     | 45.0     |
| 60                                 |              | 45.0     | 45.0     |
| 36                                 | 144          | 45.0     | 45.0     |
| 42                                 |              | 45.0     | 45.0     |
| 48                                 |              | 45.0     | 45.0     |
| 54                                 |              | 45.0     | 45.0     |
| 60                                 |              | 45.0     | 45.0     |

| SINGLE DESIGN PRESSURE TABLE (PSF) |              |          |          |
|------------------------------------|--------------|----------|----------|
| WIDTH (IN)                         | HEIGHT (IN.) | POS. (+) | NEG. (-) |
| 36                                 | 102          | 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                                 | 108          | 45.0     | 45.0     |
| 72                                 |              | 45.0     | 45.0     |
| 78                                 |              | 44.1     | 44.1     |
| 36                                 |              | 45.0     | 45.0     |
| 42                                 |              | 45.0     | 45.0     |
| 48                                 | 114          | 45.0     | 45.0     |
| 54                                 |              | 45.0     | 45.0     |
| 60                                 |              | 45.0     | 45.0     |
| 66                                 |              | 45.0     | 45.0     |
| 72                                 |              | 44.3     | 44.3     |
| 36                                 | 120          | 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                                 | 126          | 45.0     | 45.0     |
| 72                                 |              | 45.0     | 45.0     |
| 78                                 |              | 45.0     | 45.0     |
| 84                                 |              | 45.0     | 45.0     |
| 90                                 |              | 45.0     | 45.0     |
| 36                                 | 132          | 45.0     | 45.0     |
| 42                                 |              | 45.0     | 45.0     |
| 48                                 |              | 45.0     | 45.0     |
| 54                                 |              | 45.0     | 45.0     |
| 60                                 |              | 45.0     | 45.0     |
| 36                                 | 144          | 45.0     | 45.0     |
| 42                                 |              | 45.0     | 45.0     |
| 48                                 |              | 45.0     | 45.0     |
| 54                                 |              | 45.0     | 45.0     |
| 60                                 |              | 45.0     | 45.0     |



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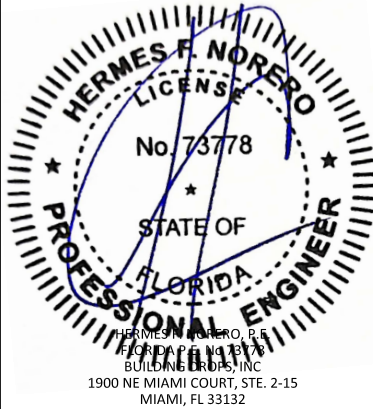
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CASEMENT PICTURE  
WINDOW  
(NON-HVHZ)/(NON-IMPACT)  
ELEVATION AND DESIGN  
PRESSURE TABLES

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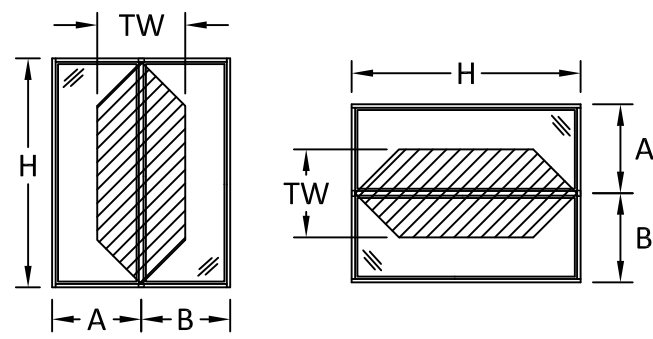
DWG. BY: **HJ** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **AMS003**

SHEET: **2** REV. **A**

OF 7



AREA CANNOT EXCEED 96 FT<sup>2</sup>

D.L.O. HEIGHT = FRAME HEIGHT - 6-15/16"

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

| TWIN DESIGN PRESSURE TABLE (PSF) |                 |          |          |
|----------------------------------|-----------------|----------|----------|
| TRIB.<br>WIDTH TW<br>(IN)        | HEIGHT<br>(IN.) | POS. (+) | NEG. (-) |
| 54                               | 84              | 50.0     | 50.0     |
| 57                               |                 | 50.0     | 50.0     |
| 60                               |                 | 50.0     | 50.0     |
| 63                               |                 | 30.0     | 30.0     |
| 66                               |                 | 30.0     | 30.0     |
| 69                               |                 | 30.0     | 30.0     |
| 72                               |                 | 30.0     | 30.0     |
| 75                               |                 | 30.0     | 30.0     |
| 78                               |                 | 30.0     | 30.0     |
| 81                               |                 | 30.0     | 30.0     |
| 54                               | 90              | 42.3     | 42.3     |
| 57                               |                 | 30.0     | 30.0     |
| 60                               |                 | 30.0     | 30.0     |
| 63                               |                 | 30.0     | 30.0     |
| 66                               |                 | 30.0     | 30.0     |
| 69                               |                 | 30.0     | 30.0     |
| 72                               |                 | 30.0     | 30.0     |
| 75                               |                 | 30.0     | 30.0     |
| 54                               | 96              | 30.0     | 30.0     |
| 57                               |                 | 30.0     | 30.0     |
| 60                               |                 | 30.0     | 30.0     |
| 63                               |                 | 30.0     | 30.0     |
| 66                               |                 | 30.0     | 30.0     |
| 69                               |                 | 30.0     | 30.0     |
| 72                               |                 | 30.0     | 30.0     |
| 54                               | 102             | 29.5     | 29.5     |
| 57                               |                 | 28.3     | 28.3     |
| 60                               |                 | 27.3     | 27.3     |
| 63                               |                 | 26.4     | 26.4     |
| 66                               |                 | 25.6     | 25.6     |
| 54                               | 108             | 24.5     | 24.5     |
| 57                               |                 | 23.5     | 23.5     |
| 60                               |                 | 22.6     | 22.6     |
| 63                               |                 | 21.8     | 21.8     |
| 54                               | 114             | 20.6     | 20.6     |
| 57                               |                 | 19.8     | 19.8     |
| 60                               |                 | 19.0     | 19.0     |
| 54                               | 120             | 17.5     | 17.5     |
| 57                               |                 | 16.8     | 16.8     |

**NOTE: THE LOWER DESIGN PRESSURE BETWEEN THE VALUES ON THESE TABLES AND THE TABLES ON SHEET 2 SHALL APPLY TO THE TWIN CONFIGURATION.**

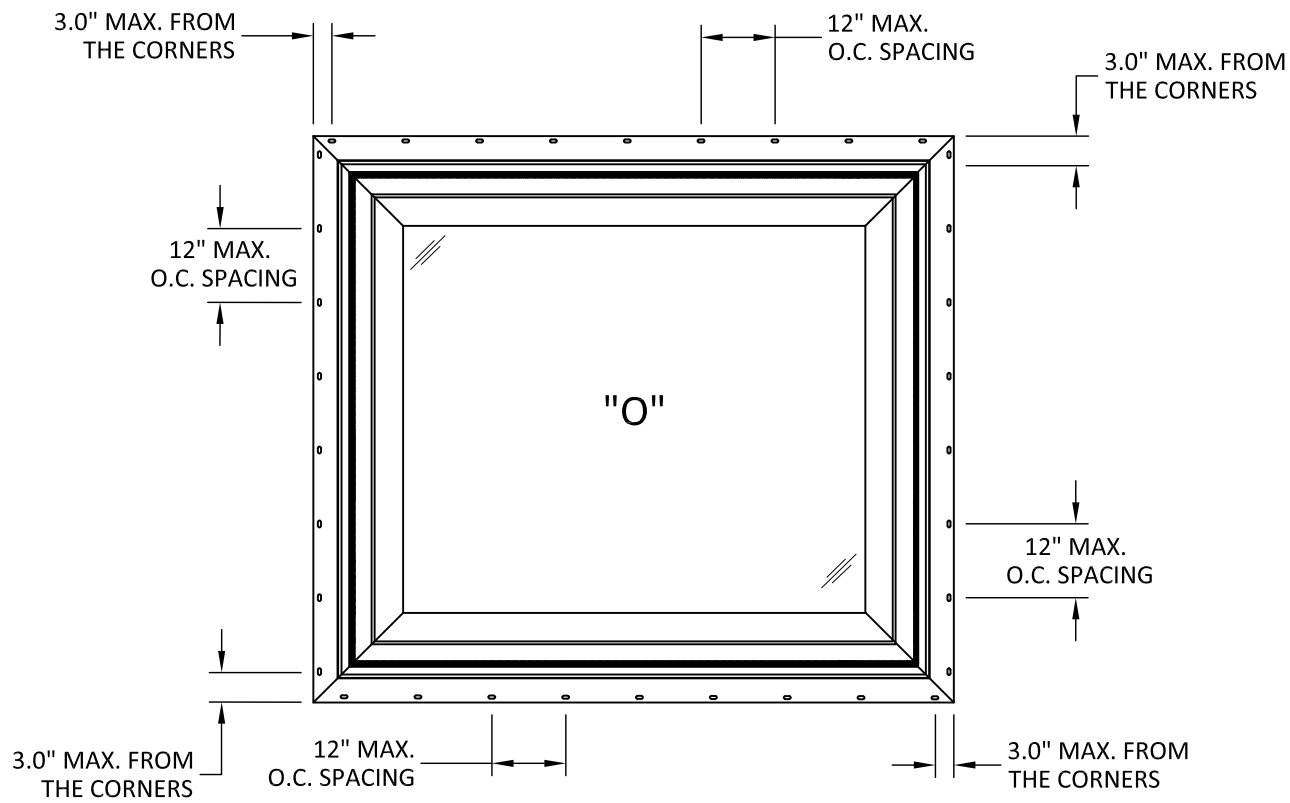


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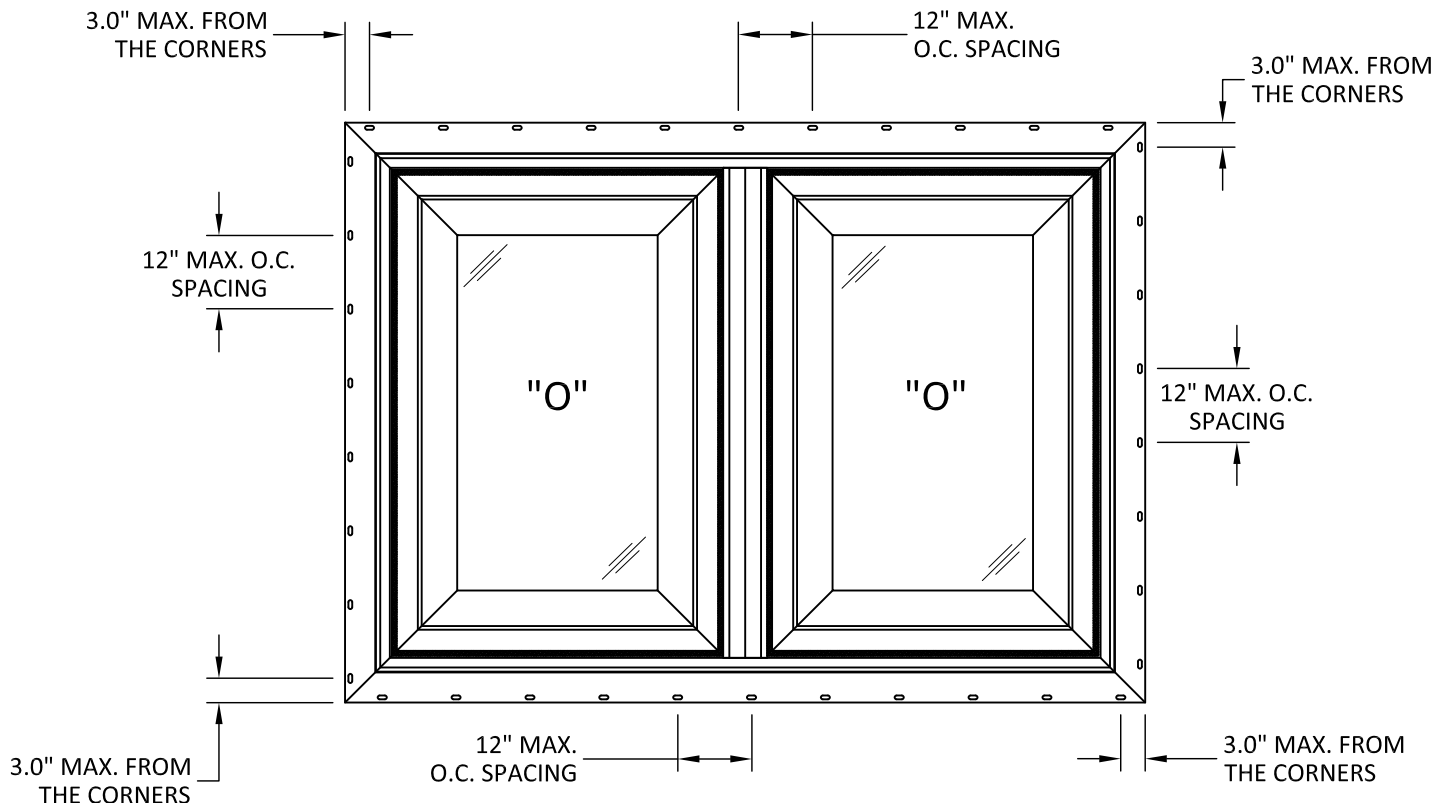


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ANCHOR LAYOUT  
NAIL-FIN INSTALLATION  
SINGLE



ANCHOR LAYOUT  
NAIL-FIN INSTALLATION  
TWIN



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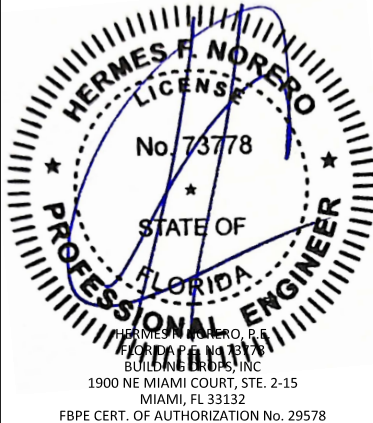
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CASEMENT PICTURE  
WINDOW  
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ANCHOR LAYOUTS

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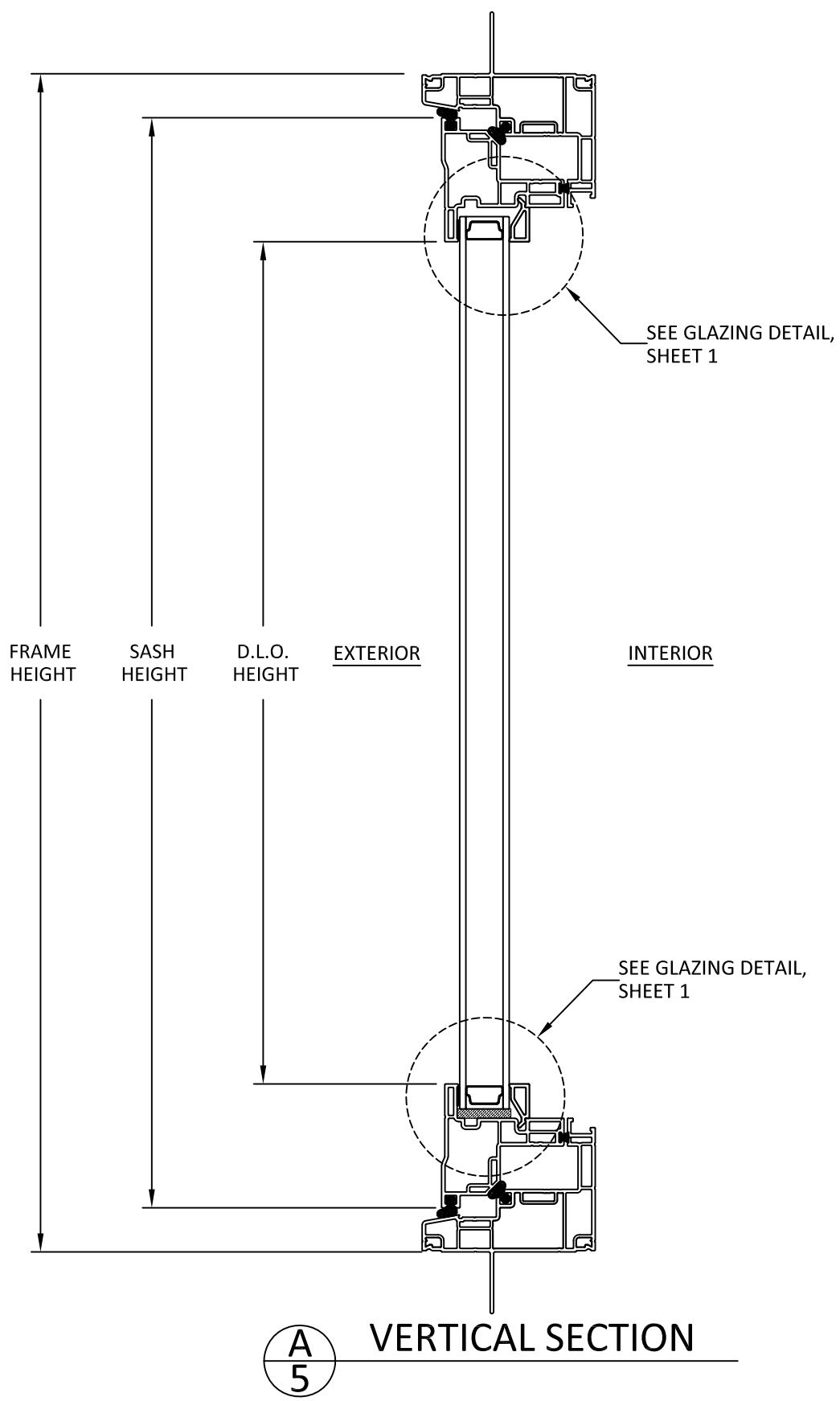
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CHK. BY: HFN

SCALE: NTS

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SHEET: 4  
REV. A

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TITLE:

VZ1 HAMPTON SERIES  
CASEMENT PICTURE  
WINDOW  
(NON-HVHZ)(NON-IMPACT)  
VERTICAL SECTIONS

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1900 NE MIAMI COURT, STE. 2-15  
MIAMI, FL 33132  
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

**FL47559**

DATE:

**05.20.25**

DWG. BY:

**HJ**

CHK. BY:

**HFN**

SCALE:

**NTS**

DWG. #:

**AMS003**

SHEET:

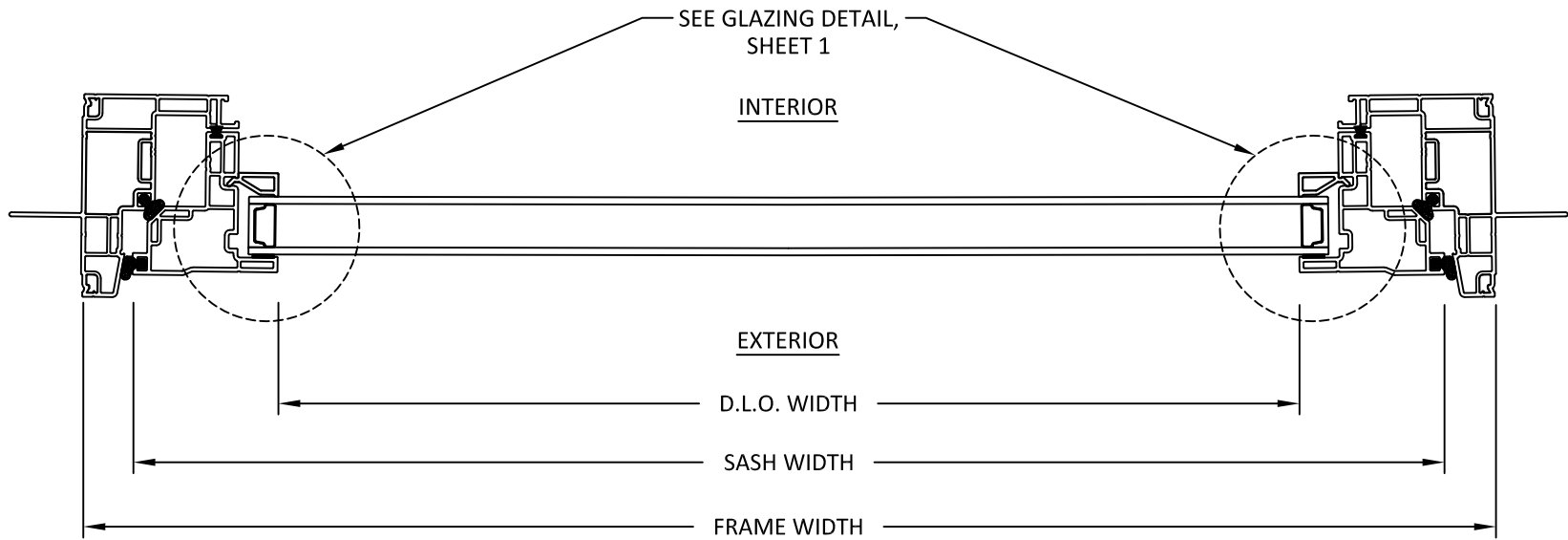
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REV.

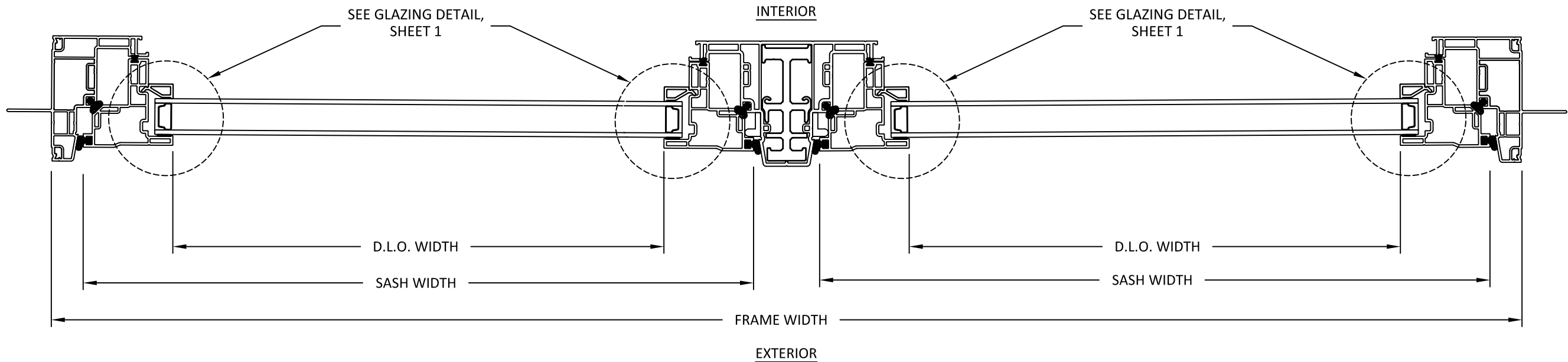
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OF 7

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**B**  
**6** HORIZONTAL SECTION  
SINGLE



**C**  
**6** HORIZONTAL SECTION  
TWIN



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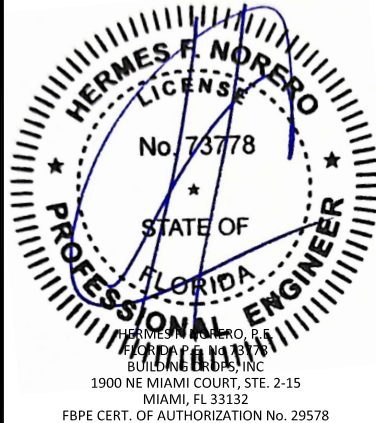
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CASEMENT PICTURE  
WINDOW  
(NON-HVHZ)(NON-IMPACT)  
HORIZONTAL SECTIONS

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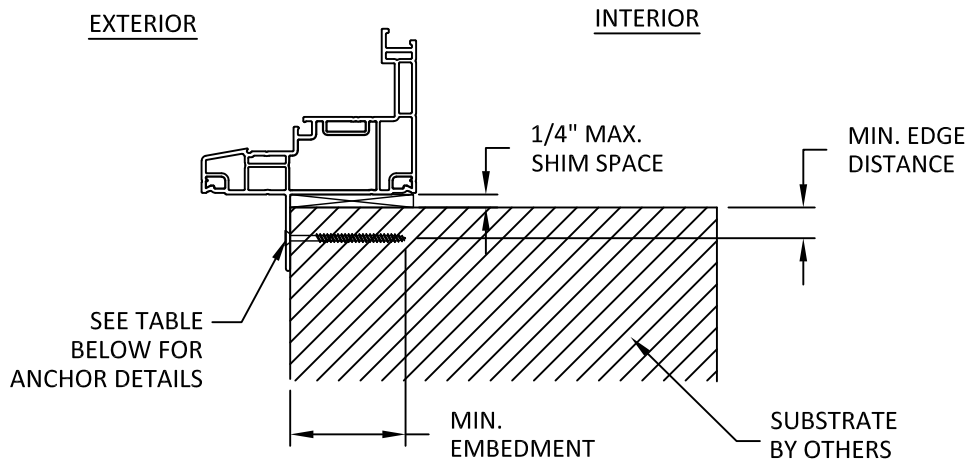
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|                |  |                 |  |
|----------------|--|-----------------|--|
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| SCALE:         |  | NTS             |  |
| DWG. #:        |  | AMS003          |  |
| SHEET:         |  | REV. A          |  |
| 6              |  | OF 7            |  |

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A  
7

## VERTICAL SECTION

SILL - NAIL-FIN

NOTE: HEAD AND  
JAMB SIMILAR

### INSTALLATION NOTES:

- ONE INSTALLATION ANCHOR ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 4.
- 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 TYPE                     | MIN. EMBEDMENT                                    | MIN. EDGE DISTANCE |
|----------|------------------------------------------------------------------------------|---------------------------------|---------------------------------------------------|--------------------|
| NAIL FIN | WOOD: MIN. SG = 0.55                                                         | #8 WOOD SCREW                   | 1.50"                                             | 0.75"              |
|          | METAL: 18 GAUGE STEEL,<br>MIN. Fy = 33KSI<br>ALUMINUM: 1/8" MIN.,<br>6063-T5 | #8 GR. 5 SELF-DRILLING<br>SCREW | 3 THREADS MIN.<br>PENETRATION BEYOND<br>STRUCTURE | 0.50"              |



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TITLE:  
VZ1 HAMPTON SERIES  
CASEMENT PICTURE  
WINDOW  
(NON-HVHZ)/(NON-IMPACT)  
ANCHOR DETAILS  
AND INSTALLATION NOTES

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, STE. 2-15

MIAMI, FL 33132

PH: (954)399-8478

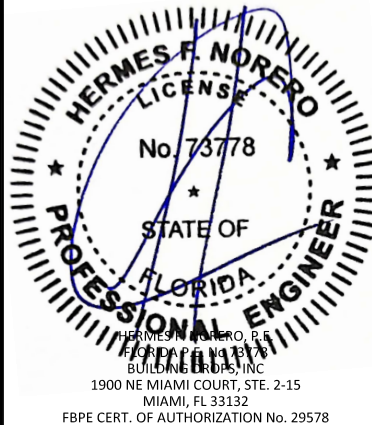
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| REMARKS         | BY | DATE  |
|-----------------|----|-------|
| 2026 FBC UPDATE | LS | 06/26 |
|                 |    |       |
|                 |    |       |
|                 |    |       |

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.



FL #:

FL47559

DATE: 05.20.25

DWG. BY:  
HJ

CHK. BY:  
HFN

SCALE: NTS

DWG. #: AMS003

SHEET:

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REV.

A

OF 7