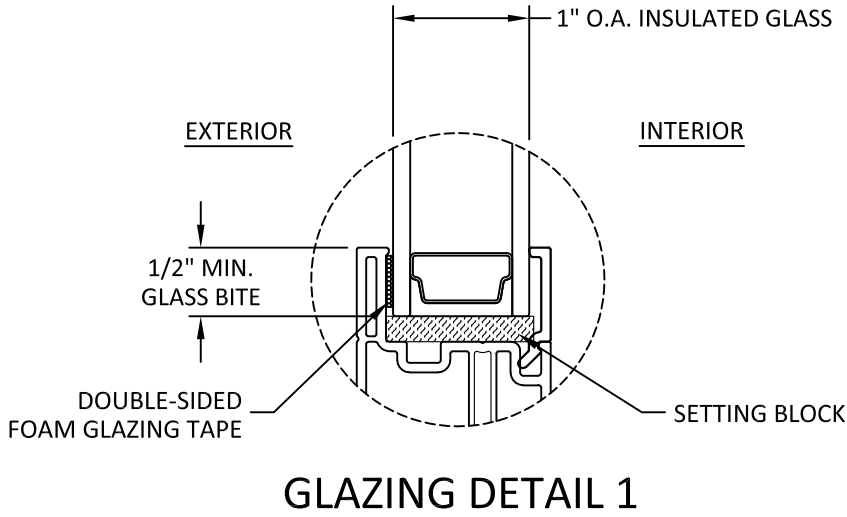


# AMSCO WINDOWS

## VZ1 HAMPTON SERIES SASHED PICTURE 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 ±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 DETAIL.



### 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 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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GENERAL NOTES &  
GLAZING DETAIL

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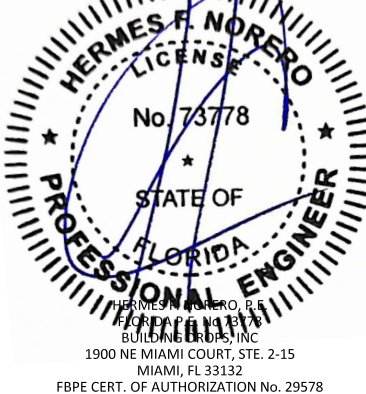
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Digitally signed by Hermes F. Norero, P.E.  
Reason: I am approving this document  
Date: 2025.06.19 17:58:39 -04'00'



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| FL #:    | FL47562  |              |
| DATE:    | 06.09.25 |              |
| DWG. BY: | SH       | CHK. BY: HFN |
| SCALE:   | NTS      |              |
| DWG. #:  | AMS007   |              |
| SHEET:   | 1 OF 7   |              |



**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                                 | 102          | 25.0     | 25.0     |
| 42                                 |              | 25.0     | 25.0     |
| 48                                 |              | 25.0     | 25.0     |
| 54                                 |              | 25.0     | 25.0     |
| 60                                 |              | 25.0     | 25.0     |
| 66                                 |              | 25.0     | 25.0     |
| 36                                 | 108          | 25.0     | 25.0     |
| 42                                 |              | 25.0     | 25.0     |
| 48                                 |              | 25.0     | 25.0     |
| 54                                 |              | 25.0     | 25.0     |
| 60                                 |              | 25.0     | 25.0     |
| 36                                 | 114          | 25.0     | 25.0     |
| 42                                 |              | 25.0     | 25.0     |
| 48                                 |              | 25.0     | 25.0     |
| 54                                 |              | 25.0     | 25.0     |
| 60                                 |              | 25.0     | 25.0     |
| 36                                 | 120          | 25.0     | 25.0     |
| 42                                 |              | 25.0     | 25.0     |
| 48                                 |              | 25.0     | 25.0     |
| 54                                 |              | 25.0     | 25.0     |
| 36                                 | 126          | 25.0     | 25.0     |
| 42                                 |              | 25.0     | 25.0     |
| 48                                 |              | 25.0     | 25.0     |
| 54                                 |              | 25.0     | 25.0     |
| 36                                 | 132          | 25.0     | 25.0     |
| 42                                 |              | 25.0     | 25.0     |
| 48                                 |              | 25.0     | 25.0     |
| 36                                 | 144          | 25.0     | 25.0     |
| 42                                 |              | 25.0     | 25.0     |
| 48                                 |              | 25.0     | 25.0     |

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## ELEVATION & DESIGN PRESSURE TABLES

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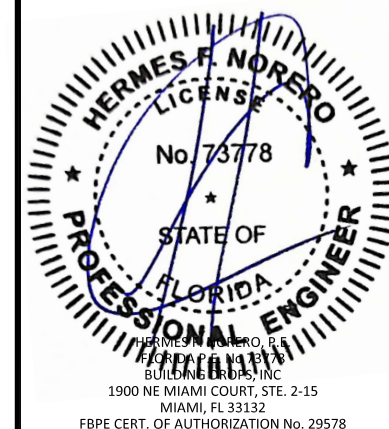
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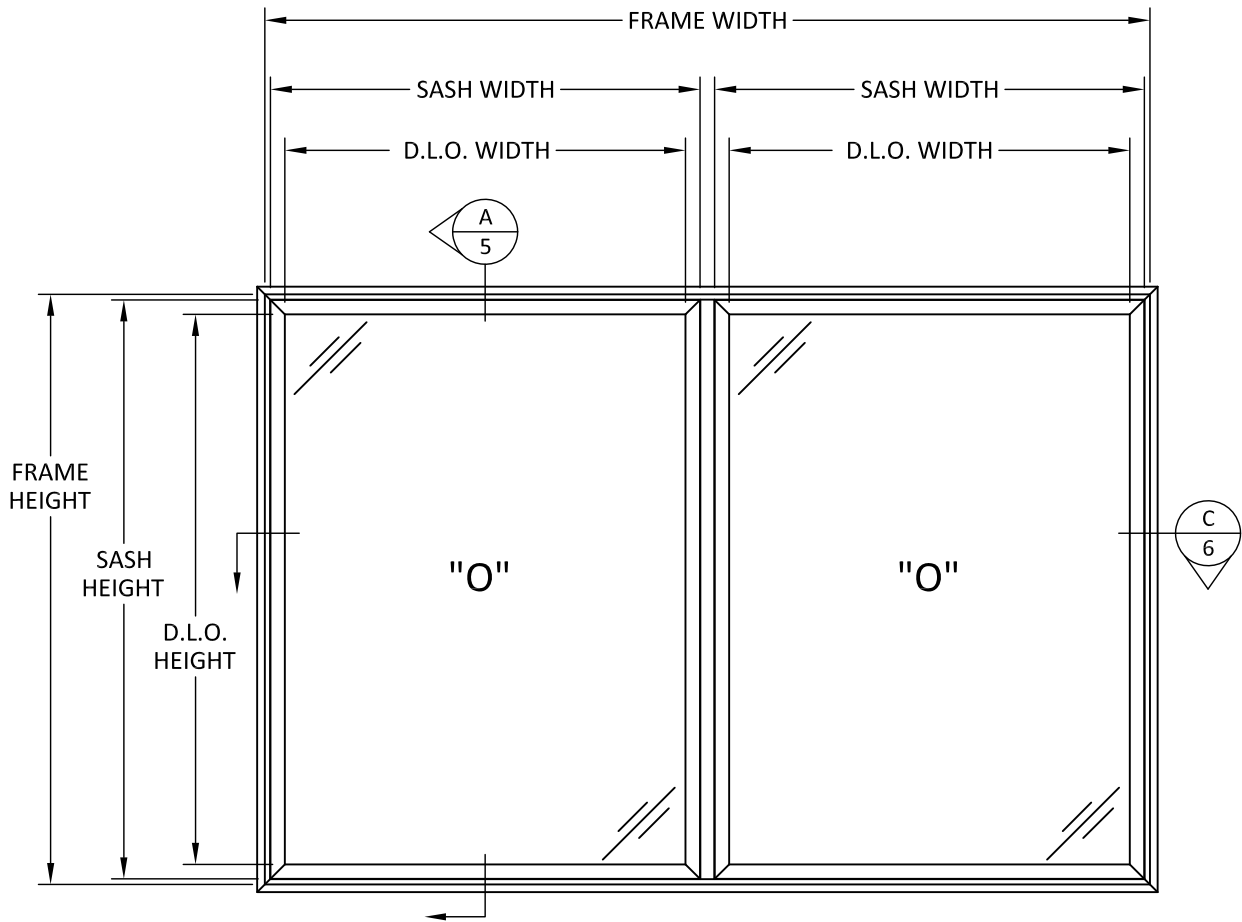
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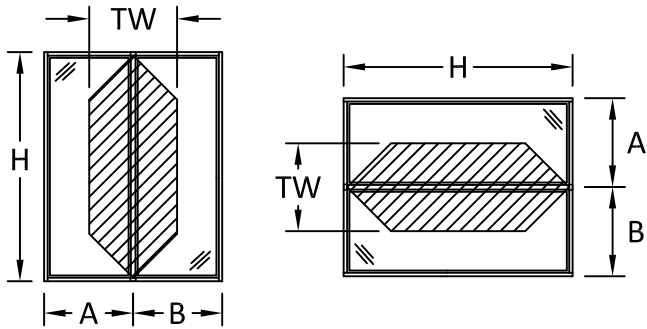
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ELEVATION  
TWIN  
AREA CANNOT EXCEED 96 FT<sup>2</sup>

SIZE NOTES:  
SASH HEIGHT = FRAME HEIGHT - 2"  
SASH WIDTH = FRAME WIDTH/2 - 2"  
D.L.O. HEIGHT = FRAME HEIGHT - 6 1/2"  
D.L.O. WIDTH = FRAME WIDTH/2 - 6 1/2"



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

| TWIN DESIGN PRESSURE TABLE (PSF) |                 |          |          |
|----------------------------------|-----------------|----------|----------|
| TRIB. WIDTH<br>TW (IN)           | HEIGHT<br>(IN.) | POS. (+) | NEG. (-) |
| 54                               | 66              | 25.0     | 25.0     |
| 57                               |                 | 25.0     | 25.0     |
| 60                               |                 | 25.0     | 25.0     |
| 63                               |                 | 25.0     | 25.0     |
| 66                               |                 | 25.0     | 25.0     |
| 69                               |                 | 25.0     | 25.0     |
| 72                               |                 | 25.0     | 25.0     |
| 75                               |                 | 25.0     | 25.0     |
| 78                               |                 | 25.0     | 25.0     |
| 81                               |                 | 25.0     | 25.0     |
| 84                               |                 | 25.0     | 25.0     |
| 87                               |                 | 25.0     | 25.0     |
| 90                               |                 | 25.0     | 25.0     |
| 93                               |                 | 25.0     | 25.0     |
| 96                               |                 | 25.0     | 25.0     |
| 99                               |                 | 25.0     | 25.0     |
| 102                              |                 | 25.0     | 25.0     |
| 54                               | 72              | 25.0     | 25.0     |
| 57                               |                 | 25.0     | 25.0     |
| 60                               |                 | 25.0     | 25.0     |
| 63                               |                 | 25.0     | 25.0     |
| 66                               |                 | 25.0     | 25.0     |
| 69                               |                 | 25.0     | 25.0     |
| 72                               |                 | 25.0     | 25.0     |
| 75                               |                 | 25.0     | 25.0     |
| 78                               |                 | 25.0     | 25.0     |
| 81                               |                 | 25.0     | 25.0     |
| 84                               |                 | 25.0     | 25.0     |
| 87                               |                 | 25.0     | 25.0     |
| 90                               |                 | 25.0     | 25.0     |
| 93                               |                 | 25.0     | 25.0     |
| 96                               |                 | 25.0     | 25.0     |
| 54                               | 78              | 25.0     | 25.0     |
| 57                               |                 | 25.0     | 25.0     |
| 60                               |                 | 25.0     | 25.0     |
| 63                               |                 | 25.0     | 25.0     |
| 66                               |                 | 25.0     | 25.0     |
| 69                               |                 | 25.0     | 25.0     |
| 72                               |                 | 25.0     | 25.0     |
| 75                               |                 | 25.0     | 25.0     |
| 78                               |                 | 25.0     | 25.0     |
| 81                               |                 | 25.0     | 25.0     |
| 84                               |                 | 25.0     | 25.0     |
| 87                               |                 | 25.0     | 25.0     |

| TWIN DESIGN PRESSURE TABLE (PSF) |                 |          |          |
|----------------------------------|-----------------|----------|----------|
| TRIB. WIDTH<br>TW (IN)           | HEIGHT<br>(IN.) | POS. (+) | NEG. (-) |
| 54                               | 84              | 25.0     | 25.0     |
| 57                               |                 | 25.0     | 25.0     |
| 60                               |                 | 25.0     | 25.0     |
| 63                               |                 | 25.0     | 25.0     |
| 66                               |                 | 25.0     | 25.0     |
| 69                               |                 | 25.0     | 25.0     |
| 72                               |                 | 25.0     | 25.0     |
| 75                               |                 | 25.0     | 25.0     |
| 78                               |                 | 25.0     | 25.0     |
| 81                               |                 | 25.0     | 25.0     |
| 54                               | 90              | 25.0     | 25.0     |
| 57                               |                 | 25.0     | 25.0     |
| 60                               |                 | 25.0     | 25.0     |
| 63                               |                 | 25.0     | 25.0     |
| 66                               |                 | 25.0     | 25.0     |
| 69                               |                 | 25.0     | 25.0     |
| 72                               |                 | 25.0     | 25.0     |
| 75                               |                 | 25.0     | 25.0     |
| 54                               | 96              | 25.0     | 25.0     |
| 57                               |                 | 25.0     | 25.0     |
| 60                               |                 | 25.0     | 25.0     |
| 63                               |                 | 25.0     | 25.0     |
| 66                               |                 | 25.0     | 25.0     |
| 69                               |                 | 25.0     | 25.0     |
| 72                               |                 | 25.0     | 25.0     |
| 54                               | 102             | 24.6     | 24.6     |
| 57                               |                 | 23.6     | 23.6     |
| 60                               |                 | 22.7     | 22.7     |
| 63                               |                 | 22.0     | 22.0     |
| 66                               |                 | 21.3     | 21.3     |
| 54                               | 108             | 20.4     | 20.4     |
| 57                               |                 | 19.6     | 19.6     |
| 60                               |                 | 18.9     | 18.9     |
| 63                               |                 | 18.2     | 18.2     |
| 54                               | 114             | 17.2     | 17.2     |
| 57                               |                 | 16.5     | 16.5     |
| 60                               |                 | 15.8     | 15.8     |

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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ELEVATION &  
DESIGN PRESSURE TABLES

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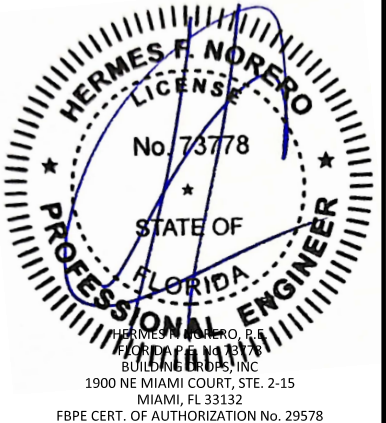
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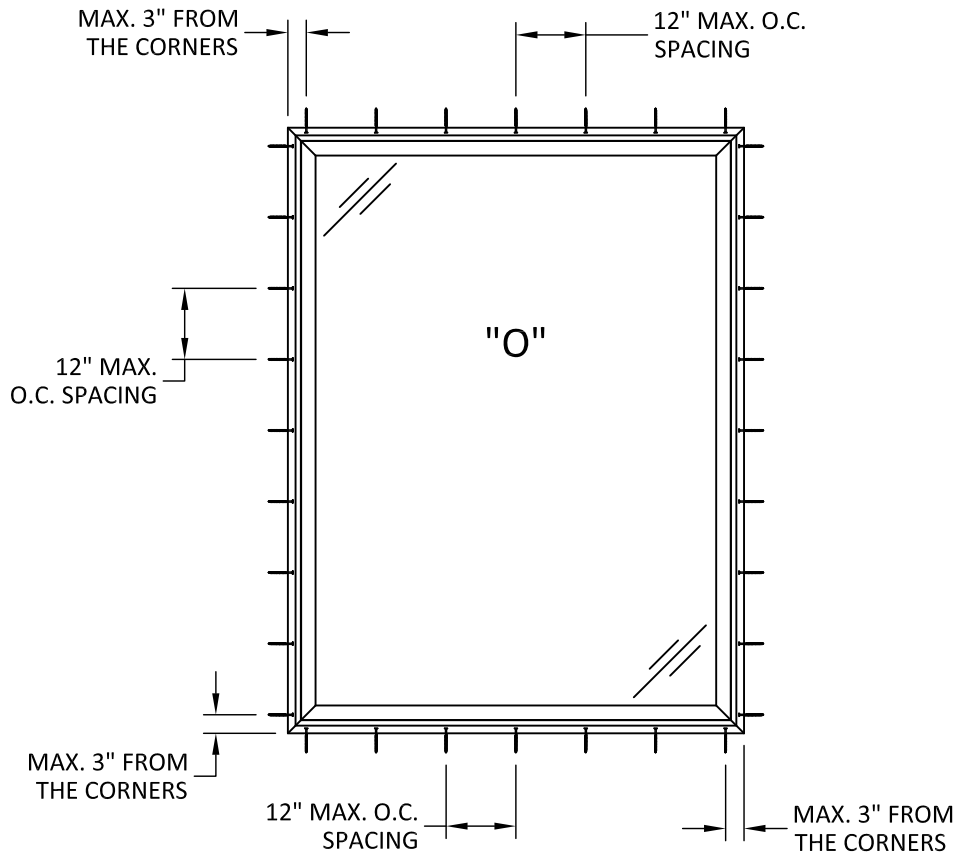
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SCALE: **NTS**

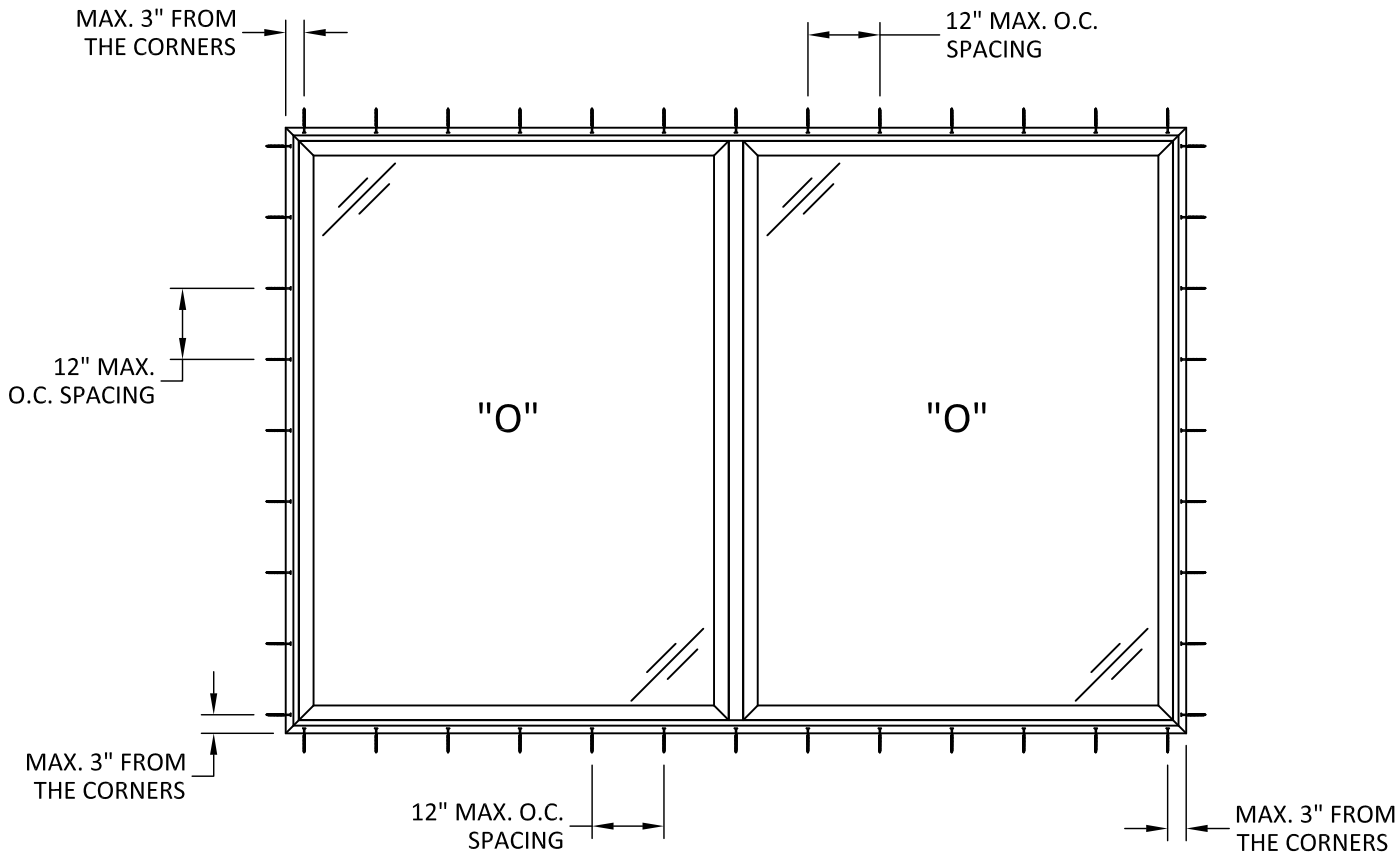
DWG. #: **AMS007**

SHEET: **3** OF 7

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ANCHOR LAYOUT  
NAIL-FIN INSTALLATION  
SINGLE



ANCHOR LAYOUT  
NAIL-FIN INSTALLATION  
TWIN



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ANCHOR LAYOUTS

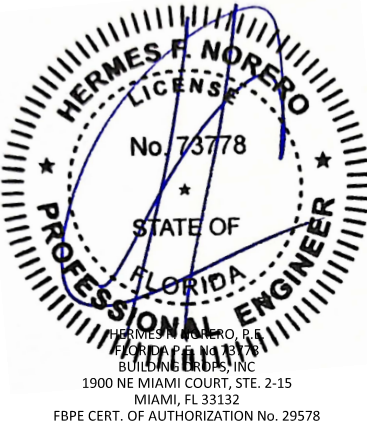
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CHK. BY: HFN

SCALE: NTS

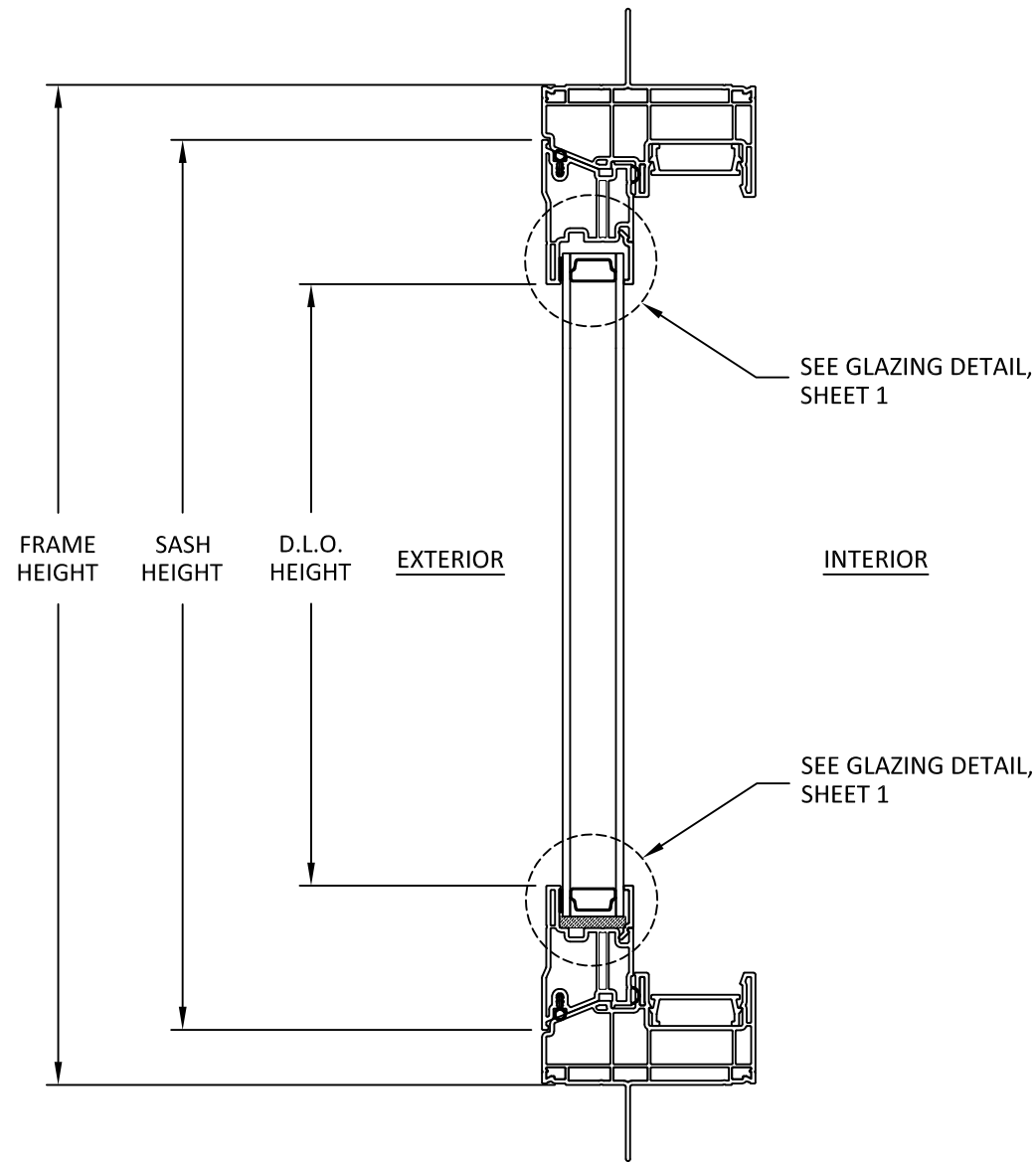
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OF 7

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**A**  
**5** VERTICAL SECTION



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VERTICAL SECTION

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DATE: **06.09.25**

DWG. BY: **SH**      CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **AMS007**

SHEET:

**5**

OF 7

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HORIZONTAL SECTIONS

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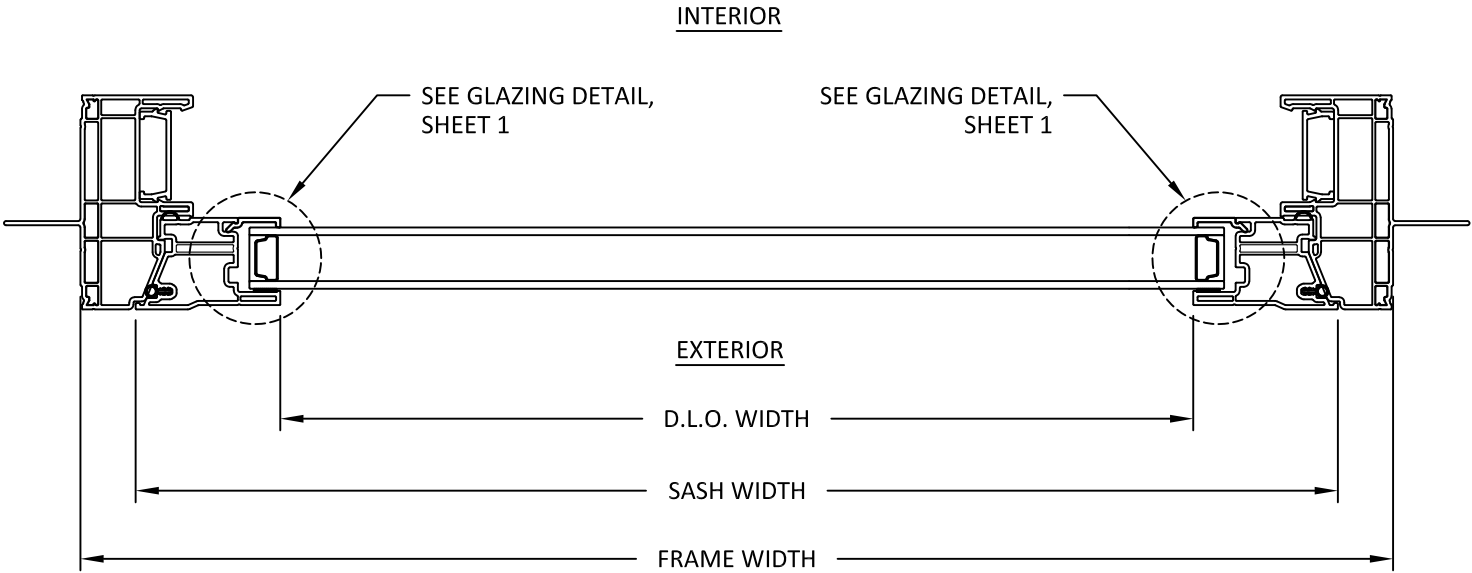
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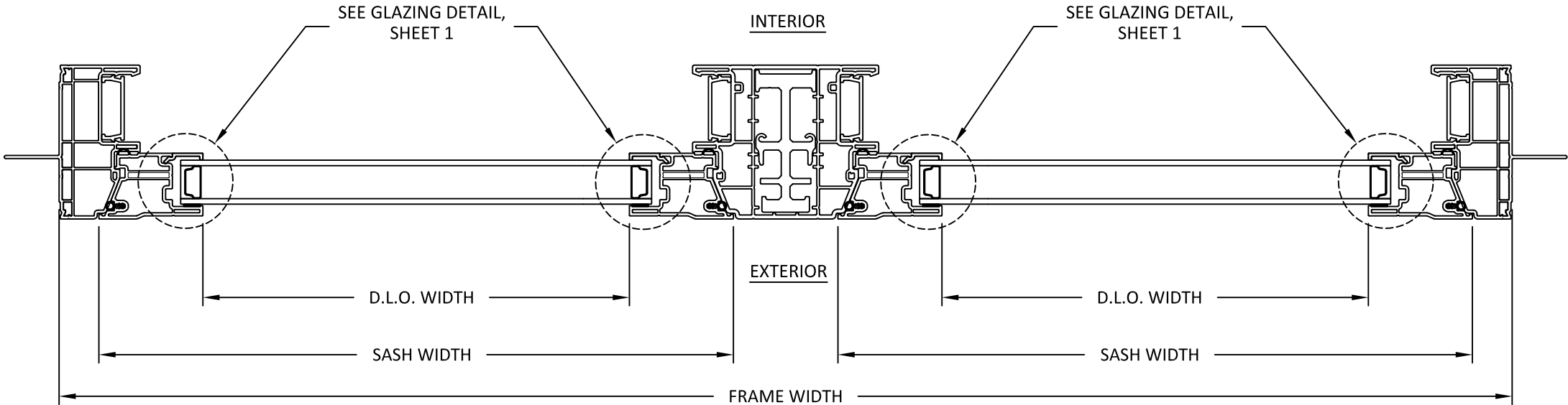
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**B**  
6 HORIZONTAL SECTION  
SINGLE

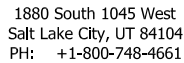


**C**  
6 HORIZONTAL SECTION  
TWIN



1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 4.
2. 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.
3. 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.
4. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
5. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
6. 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.
7. 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.
8. 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,<br>MIN. Fy = 33KSI<br>ALUMINUM: 1/8" MIN.,<br>6063-T5 | #8 SELF-DRILLING<br>SCREW | 3 THREADS MIN<br>PENETRATION BEYOND<br>STRUCTURE | 0.50"              |



## ANCHOR DETAILS & INSTALLATION NOTES

PREPARED BY:

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| REMARKS | BY | DATE |
|---------|----|------|
|         |    |      |
|         |    |      |
|         |    |      |
|         |    |      |

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 #:

FL47562

DATE: 06.09.25

DWG. BY:  
SH

CHK. BY:  
HFN

SCALE: NTS

DWG. #: **AMS007**

SHEET:

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