

# WINTECH WINDOW TECHNOLOGY INC.

## SERIES 225 HORIZONTAL SLIDER (NON-HVHZ) (NON-IMPACT)

INSTALLATION NOTES:

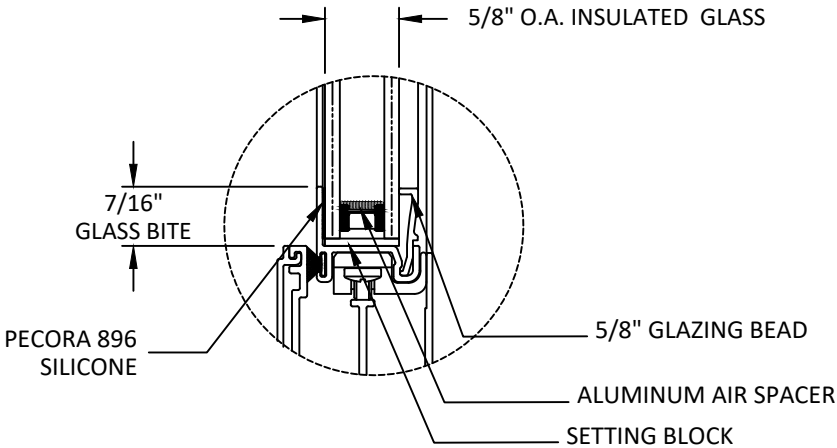
- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/16 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
- NAIL FIN:** FOR INSTALLATION INTO 2X WOOD BUCK OR FRAMING, USE ONE #8 WOOD SCREW, TYPE INSTALLATION ANCHOR PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 1 1/2" EMBEDMENT.
- NAIL FIN:** FOR INSTALLATION INTO METAL STUD, USE ONE #8 SELF-DRILLING SCREW, TYPE INSTALLATION ANCHOR PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM PENETRATION OF 3 THREADS BEYOND METAL STRUCTURE.
- 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).
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
  - STEEL - MIN. TENSILE YIELD STRENGTH OF 33 KSI. MIN. 18 GAUGE THICKNESS (0.0478").
  - WOOD - MINIMUM SPECIFIC GRAVITY = 0.42
  - ALUMINUM - MIN. 6063-T5, MIN 1/8" WALL THICKNESS

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE, EXCLUDING HVHZ, AND HAS BEEN EVALUATED TO THE FOLLOWING:
  - AAMA/WDMA/CSA 101/I.S.2/A440-11
- ADEQUACY OF THE EXISTING STRUCTURAL 2X WOOD FRAMING OR METAL STUD 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.
- 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 IN NON-HVHZ AREA.
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- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- GLAZING COMPLIES WITH LOAD RESISTANCE REQUIREMENTS PER ASTM E1300.
- WINDOW FRAME MATERIAL: 6063-T6 ALUMINUM
- DESIGNATION "X" AND "O" STAND FOR THE FOLLOWING  
X: OPERABLE PANEL  
O: FIXED PANEL

| TABLE OF CONTENTS |                                |
|-------------------|--------------------------------|
| SHEET             | SHEET DESCRIPTION              |
| 1                 | GENERAL AND INSTALLATION NOTES |
| 2                 | ELEVATION & ANCHOR LAYOUTS     |
| 3                 | VERTICAL SECTIONS              |
| 4                 | HORIZONTAL SECTIONS            |

| MAX. DESIGN PRESSURE RATING |            |
|-----------------------------|------------|
| SEE TABLE ONSHEET 2         | NON-IMPACT |



### GLAZING DETAIL 1

GLAZING NOTES:

- GLASS TYPE SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING 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.

# WINTECH

WINDOW TECHNOLOGY, INC.

201 INDUSTRIAL DRIVE  
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PH: (417) 235-7821 FX: (417) 737-7140

TITLE: SERIES 225 HORIZONTAL SLIDER  
(NON-HVHZ) (NON-IMPACT)  
GENERAL AND INSTALLATION NOTES

PREPARED BY: BUILDING DROPS, INC.

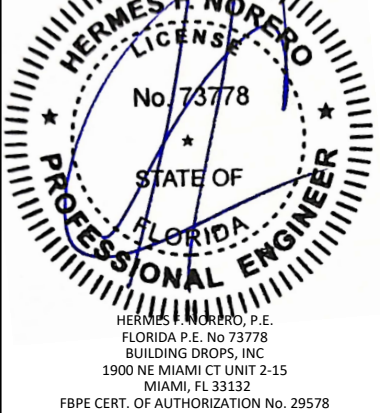
1900 NE MIAMI CT UNIT 2-15  
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| REMARKS          | BY | DATE |
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| 2026 CODE CHANGE | HJ | 5/26 |
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Digitally signed by Hermes F. Norero, P.E.  
Reason: I am approving this document  
Date: 2020.08.02 19:54:10 -0400



FL #: **FL31808**

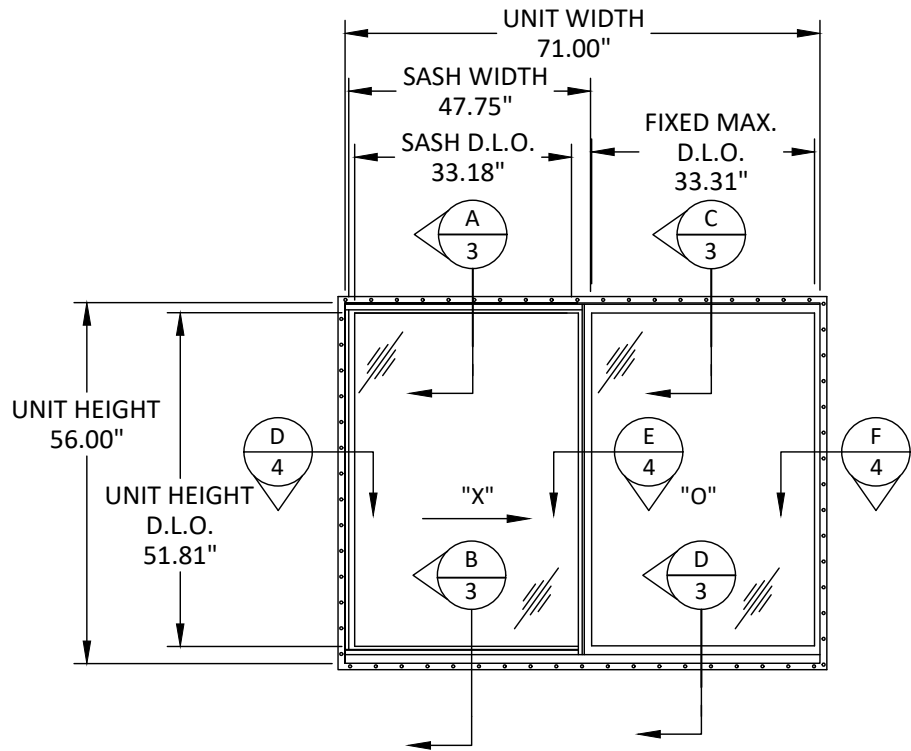
DATE: **02.27.2020**

DWG. BY: **YC** CHK. BY: **HFN**

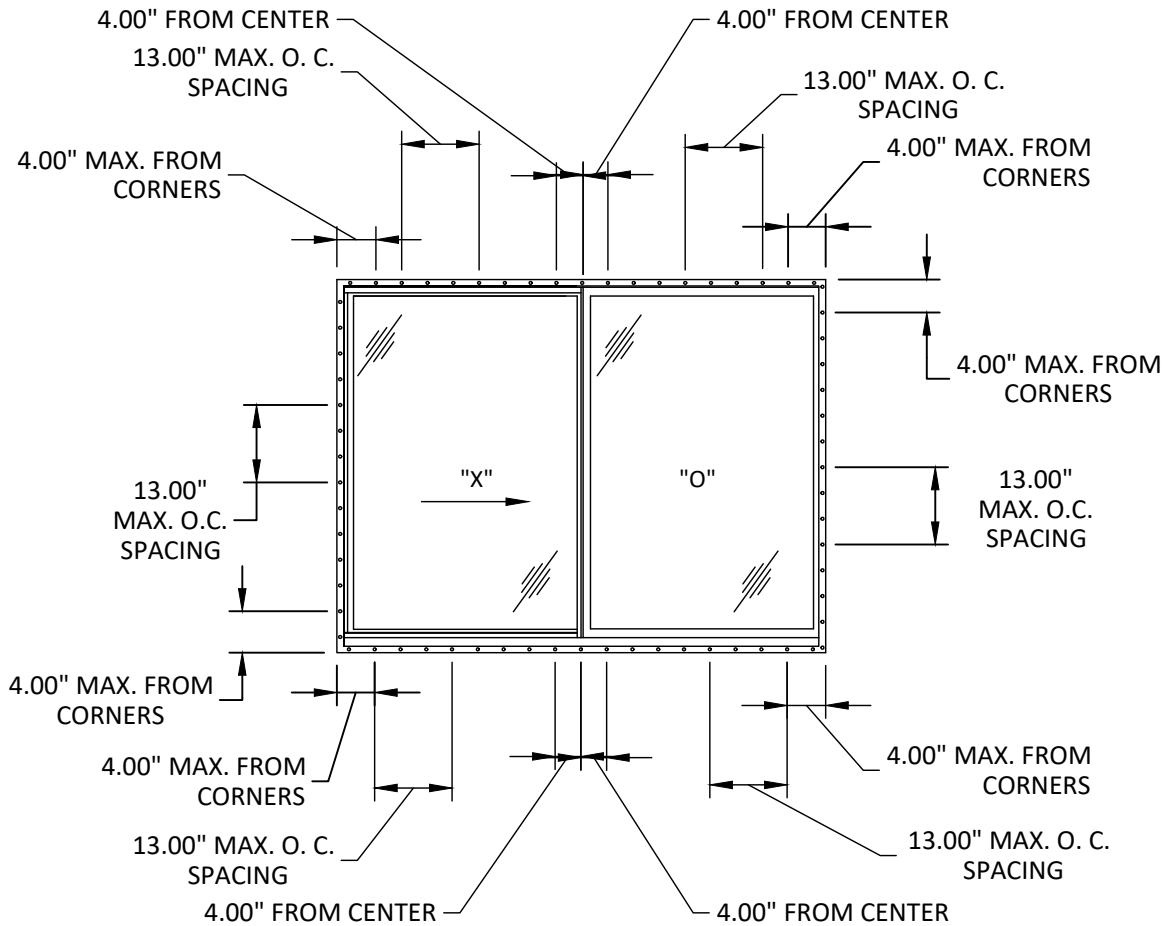
SCALE: **NTS**

DWG. #: **WNT005**

SHEET: **1** REV. **A**



**EXTERIOR ELEVATION**  
**HORIZONTAL SLIDER**  
**1:1 SASH RATIO**



**EXTERIOR ELEVATION**  
**HORIZONTAL SLIDER**  
**1:1 SASH RATIO**

| DESIGN PRESSURE TABLE (psf) |    |      |      |      |      |      |      |      |      |
|-----------------------------|----|------|------|------|------|------|------|------|------|
| WINDOW HEIGHT (INCHES)      |    |      |      |      |      |      |      |      |      |
| WINDOW WIDTH (INCHES)       |    | 24   | 30   | 36   | 42   | 48   | 56   | 60   | 66   |
|                             | 24 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 47.0 |
|                             | 30 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 49.6 | 38.0 |
|                             | 36 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 47.8 | 41.8 | 32.0 |
|                             | 42 | 50.0 | 50.0 | 50.0 | 50.0 | 50.0 | 42.3 | 36.3 | 28.0 |
|                             | 48 | 50.0 | 50.0 | 50.0 | 50.0 | 46.8 | 38.3 | 32.3 | 24.0 |
|                             | 54 | 50.0 | 50.0 | 50.0 | 50.0 | 43.4 | 35.2 | 29.2 | 22.0 |
|                             | 60 | 50.0 | 50.0 | 50.0 | 50.0 | 40.8 | 32.9 | 26.8 | 20.0 |
|                             | 66 | 50.0 | 50.0 | 50.0 | 48.0 | 38.9 | 31.0 | 24.9 | 19.0 |
|                             | 72 | 50.0 | 50.0 | 50.0 | 46.8 | 37.4 | 30.0 | 23.4 | 18.0 |

- OPERABLE WINDOW DAYLIGHT OPENING CALCULATIONS:
- HEIGHT D.L.O.=FRAME HEIGHT-4.3"
  - WIDTH D.L.O.=FRAME WIDTH-1.5"
- FIXED WINDOW DAYLIGHT OPENING CALCULATIONS:
- HEIGHT D.L.O.=FRAME HEIGHT-4.3"
  - WITDTH D.L.O.=FRAME WIDTH-1.6"

**WINTech**

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**(NON-HVHZ) (NON-IMPACT)**  
**ELEVATIONS AND ANCHOR LAYOUTS**

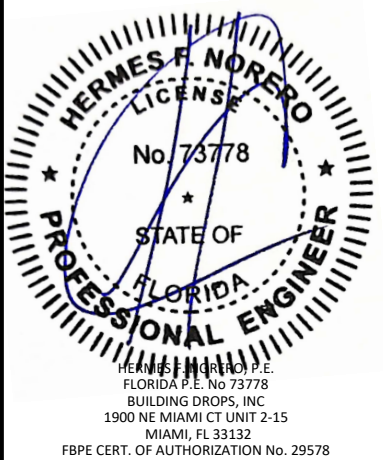
PREPARED BY: **BUILDING DROPS, INC.**

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DATE: **02.27.2020**

DWG. BY: **YC**

CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **WNT005**

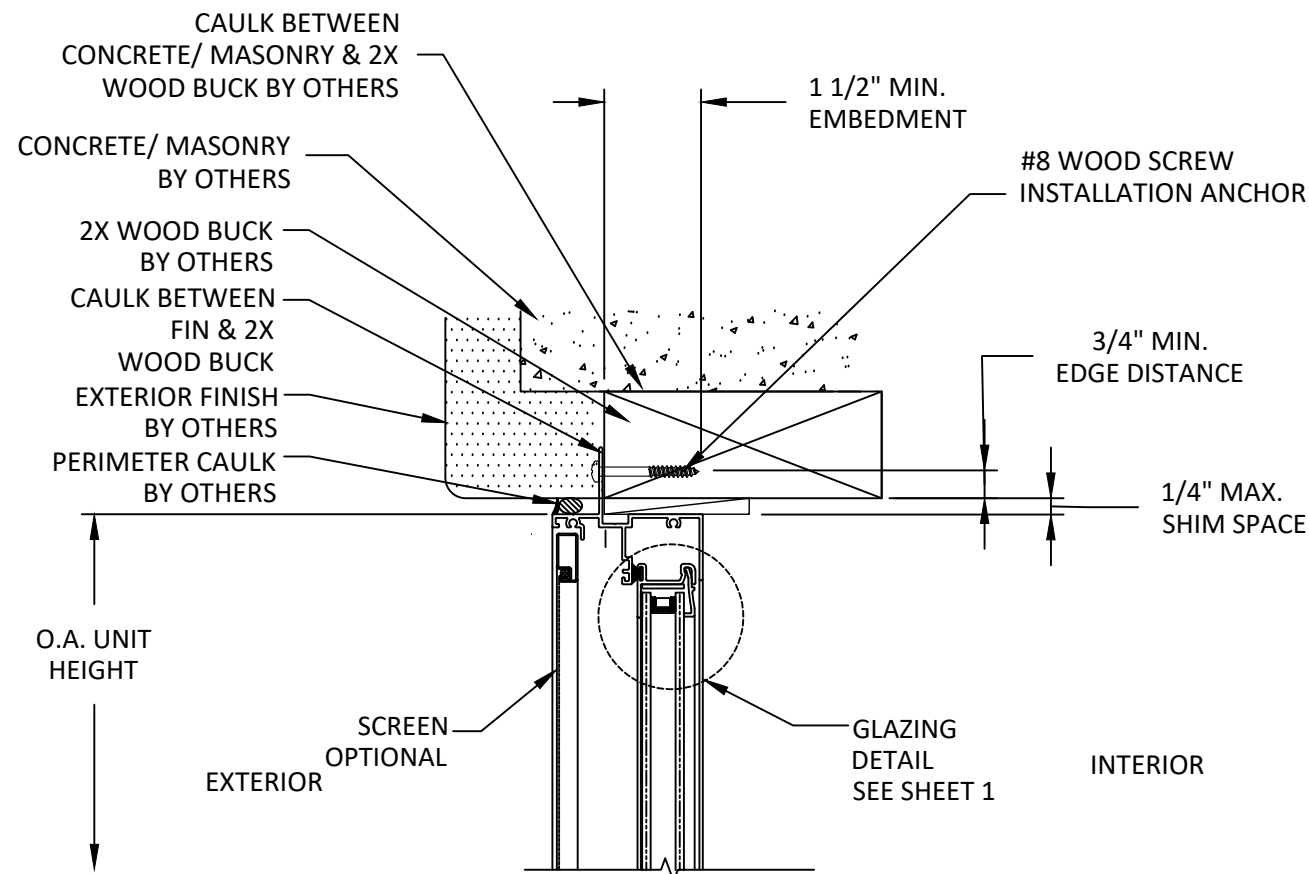
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**2**

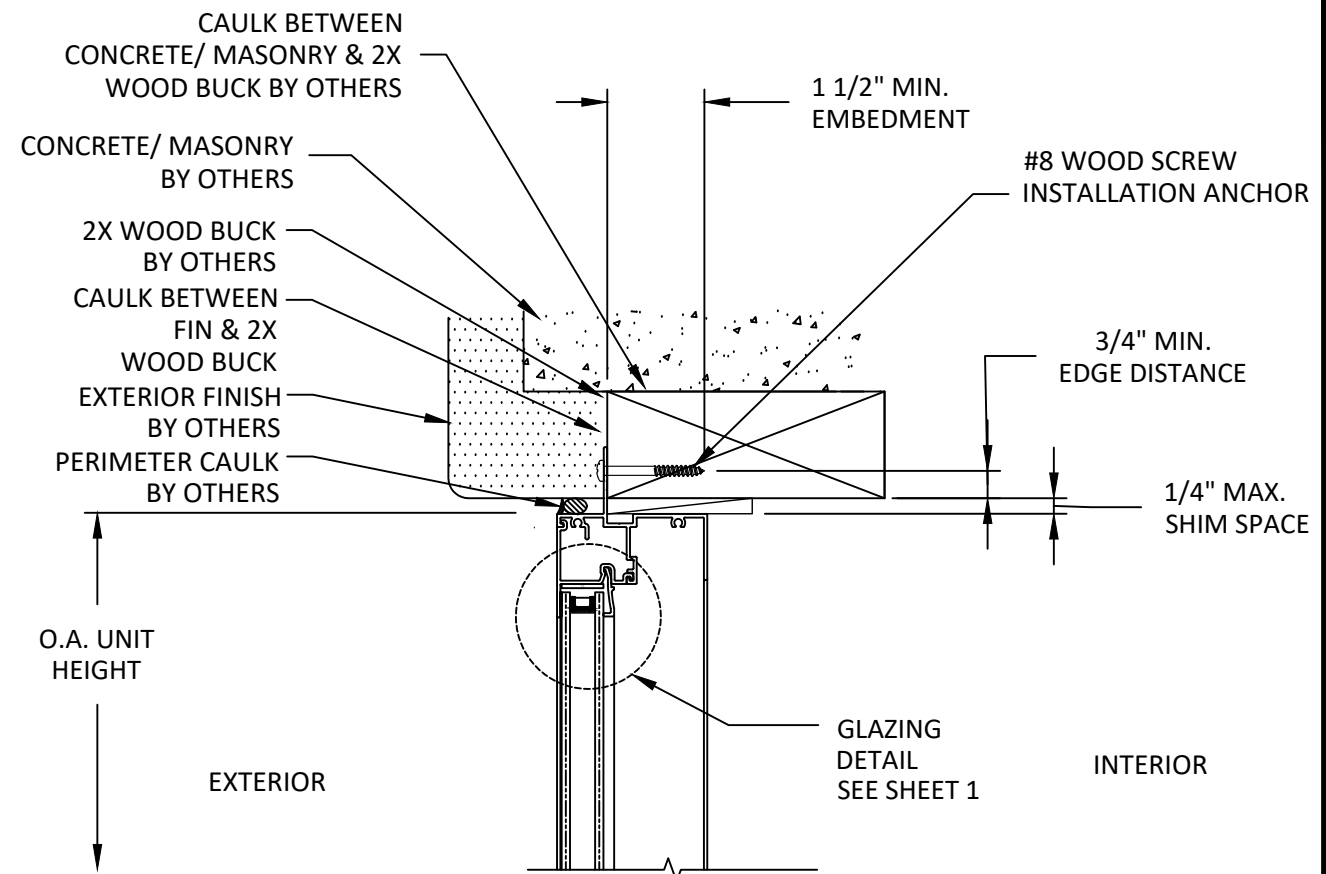
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**A**

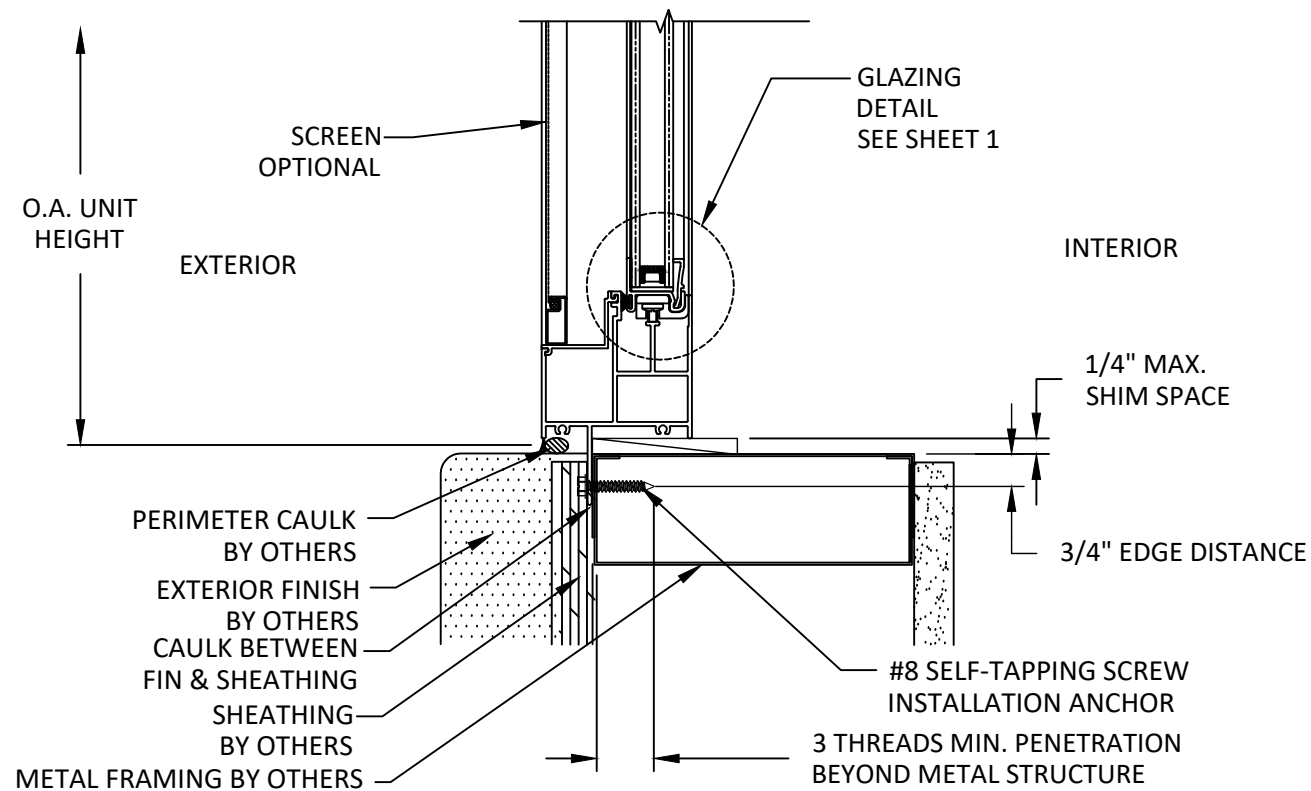
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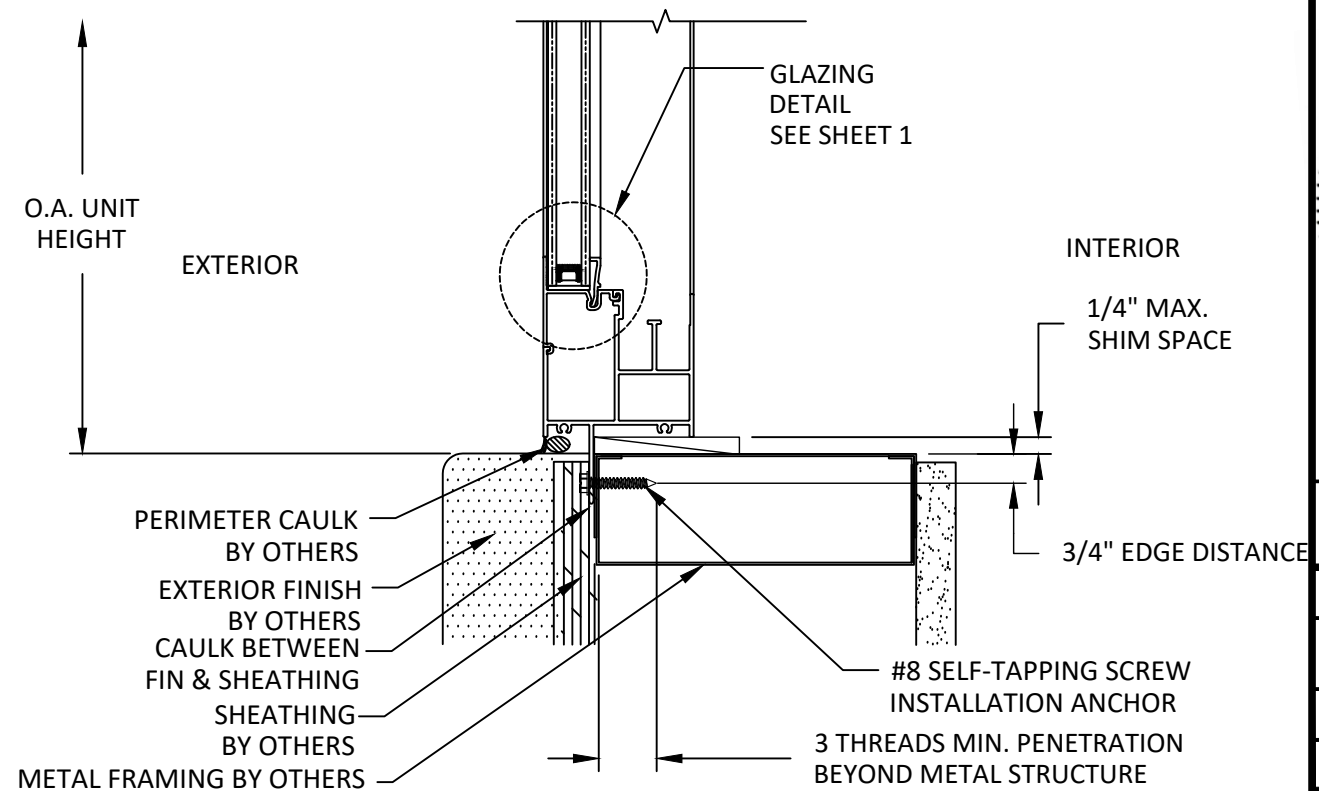
**A**  
**3** **VERTICAL SECTION**  
HEAD - 2X WOOD BUCK  
NAIL FIN



**C**  
**3** **VERTICAL SECTION**  
HEAD - 2X WOOD BUCK  
NAIL FIN



**B**  
**3** **VERTICAL SECTION**  
SASH SILL - METAL STUD  
NAIL FIN INSTALLATION



**D**  
**3** **VERTICAL SECTION**  
FIXED SILL - METAL STUD  
NAIL FIN INSTALLATION

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VERTICAL SECTIONS

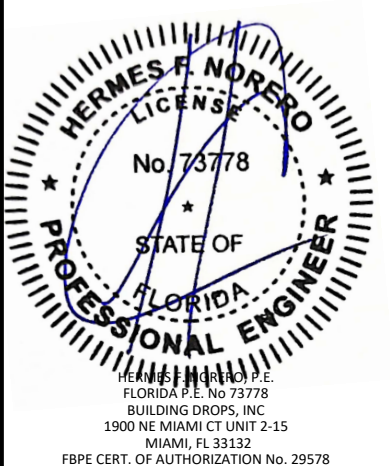
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SHEET: **3** REV. **A**

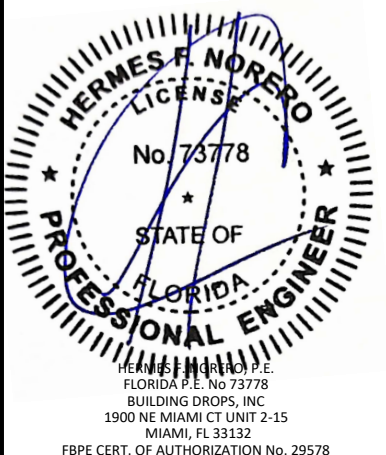
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SCALE: NTS

DWG. #: WNT005

SHEET: 4  
REV. A

