

ATRIUM COMPANIES, INC.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. 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.
4. 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.
5. FOR NAIL FIN INTO WOOD BUCK: USE #8 WOOD SCREWS THROUGH THE FIN OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6. FOR NAIL FIN INTO STEEL STUD: USE #8 TEK SCREWS GRADE 5 THROUGH THE FIN OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
7. FOR THRU FRAME INTO WOOD BUCK: USE #10 WOOD SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
9. FOR THRU FRAME INTO CONCRETE/MASONRY: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
10. FOR THRU FRAME INTO STEEL STUD: USE #10 TEK SCREWS GRADE 5 THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
11. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
12. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
13. 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.
14. 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.
15. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42.

B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C. GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

D. HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

E. STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 20 GA. WALL THICKNESS.

SERIES 700/720/750/760

VINYL CASEMENT WINDOW, X, XX, OX, XO, XOX, & XOOX

(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

AAMA/WDMA/CSA101/I.S.2/A440-08/11
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY AND 2X 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. 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 AREAS.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. WINDOW FRAME MATERIAL: PVC
7. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 5 FOR GLAZING DETAIL.
8. PRODUCT MAY BE MULLED USING AN APPROVED MULLION.
9. DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:

X: OPERABLE PANEL

O: FIXED PANEL

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OVERALL SIZE		CONFIGURATION	DESIGN PRESSURE	IMPACT RATING
WIDTH	HEIGHT			
120"	72"	XOOX, XOX, XX, XO, OX	+/- 35 PSF	NON IMPACT
72"	72"	XX, XO, OX	+/- 50 PSF	NON IMPACT
36"	72"	X	+/- 50 PSF	NON IMPACT



Part of the Cornerstone Building Brands Family

ATRIUM COMPANIES, INC.

300 Welcome Center Blvd.
Welcome, NC 27374
(800)-542-9118

TITLE: *SERIES 700/720/750/760*
VINYL CASEMENT WINDOWS
(NON-HVHZ)(NON-IMPACT)
GENERAL & INSTALLATION NOTES

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
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WEB: www.buildingdrops.com

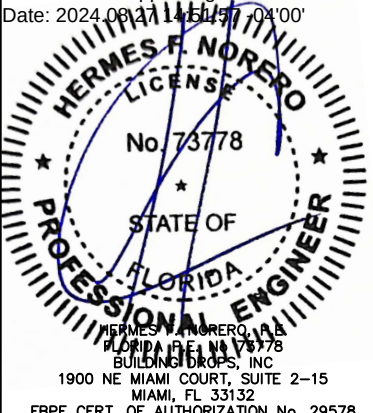


BUILDING DROPS

REMARKS	BY	DATE
FBC 2017 CODE CHANGE	AG	10.03.17
FBC UPDATE	NUS	08.13.20
UPDATED TO CURRENT FBC	KKB	08.13.24

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.09.11 15:57:04 -04'00'



HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
FLORIDA BE INAL 73778
BUILDING DROPS, INC
1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL11821

DATE:

10.03.17

DWG. BY:

AR/AG

CHK. BY:

HFN

SCALE:

NTS

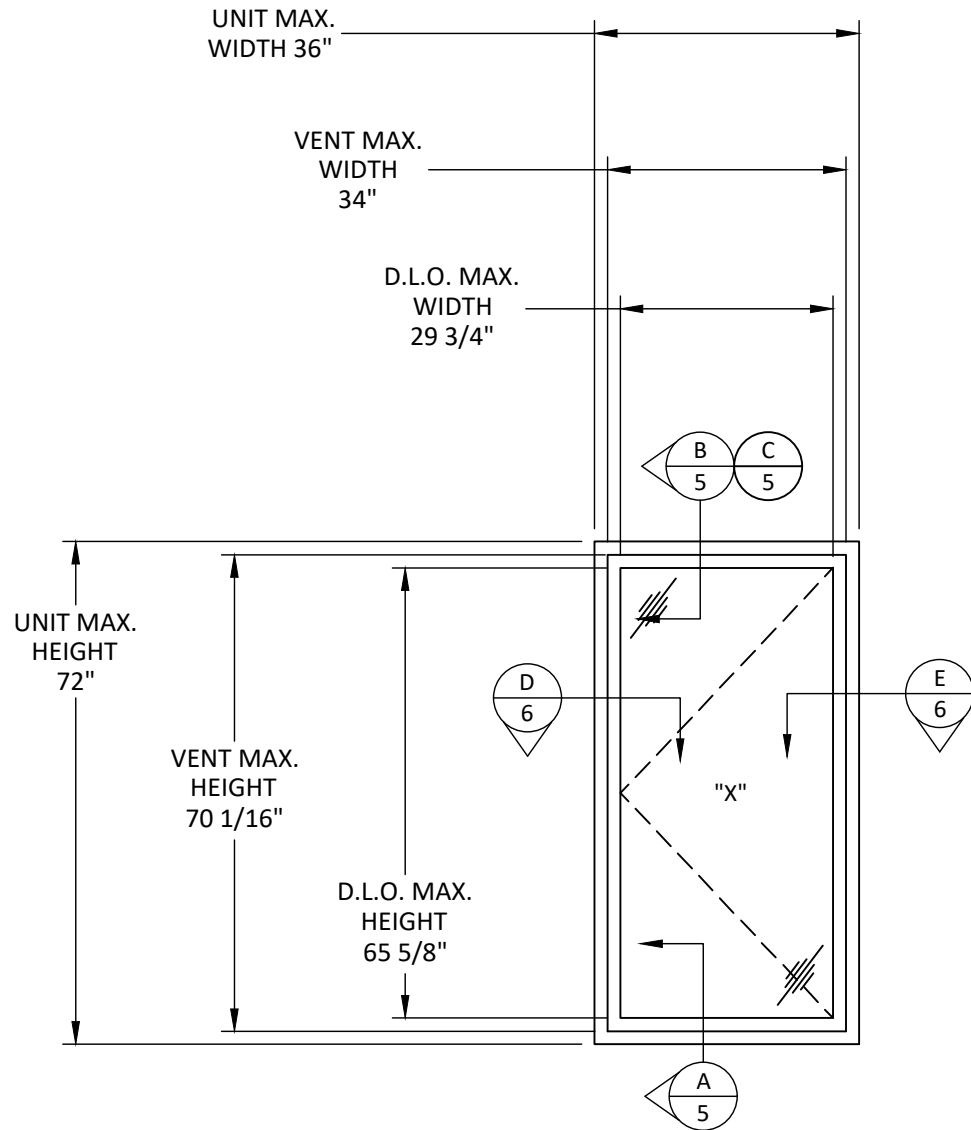
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ATR108

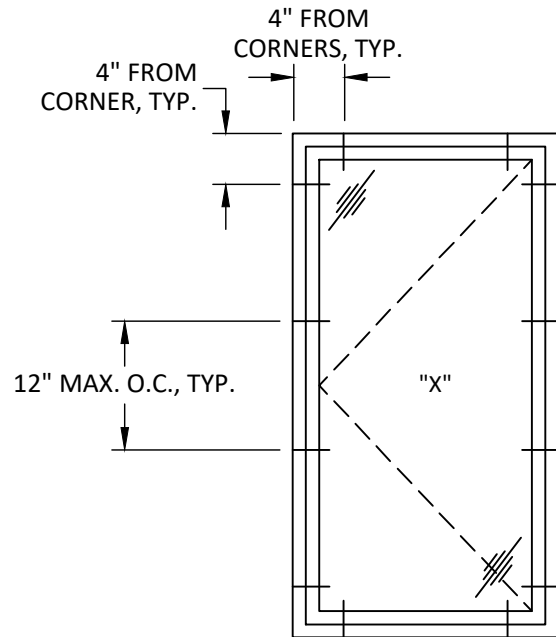
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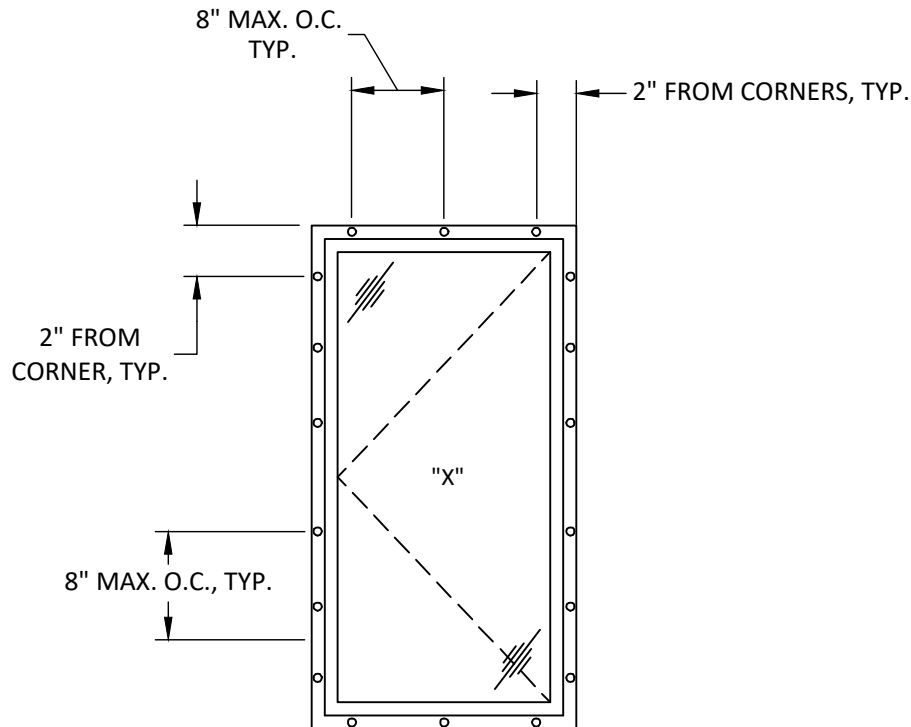
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TYPICAL ELEVATION
X UNIT



ANCHOR LAYOUT
X UNIT- THROUGH FRAME



ANCHOR LAYOUT
X UNIT- NAILING FIN



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TITLE: **SERIES 700/720/750/760**
VINYL CASEMENT WINDOWS
(NON-HVHZ)/(NON-IMPACT)
X ELEVATION AND
ANCHOR LAYOUTS

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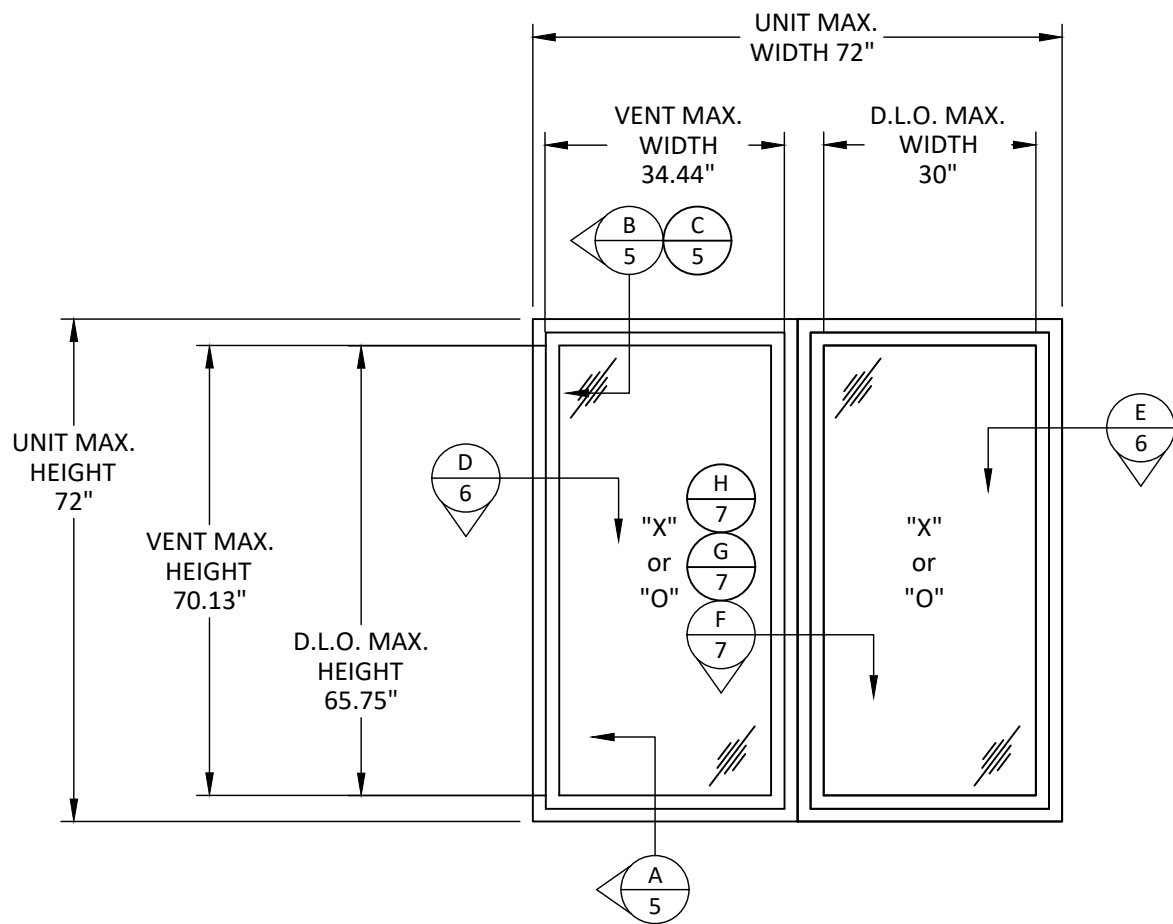
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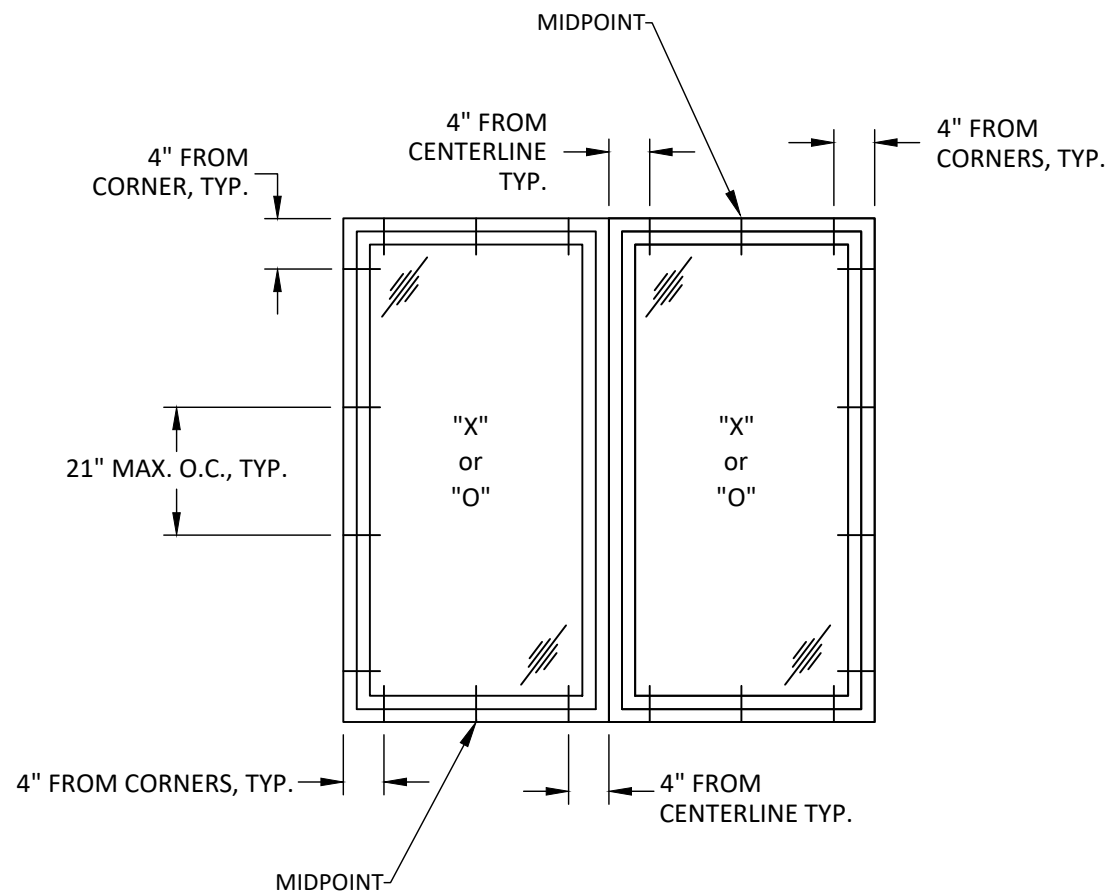


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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

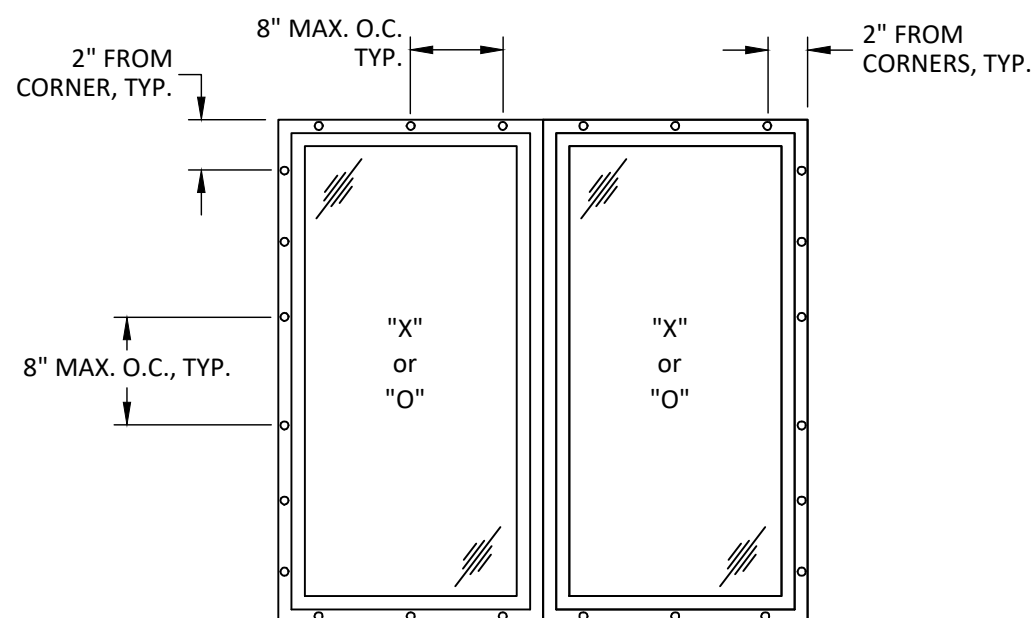
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DWG. BY:	AR/AG
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	ATR108
SECTION:	2



TYPICAL ELEVATION
XX, OX, XO UNITS



ANCHOR LAYOUT
XX, OX, XO UNITS - THROUGH FRAME



ANCHOR LAYOUT
XX, OX, XO UNITS - NAILING FIN



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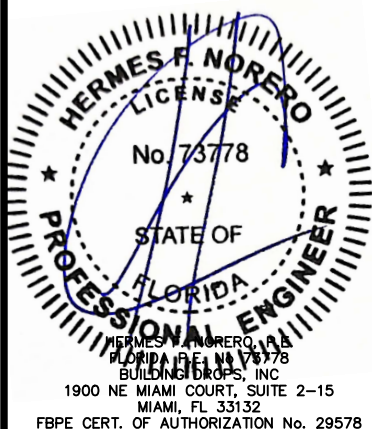
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VINYL CASEMENT WINDOWS
(NON-HVHZ)/(NON-IMPACT)
XX ELEVATION AND
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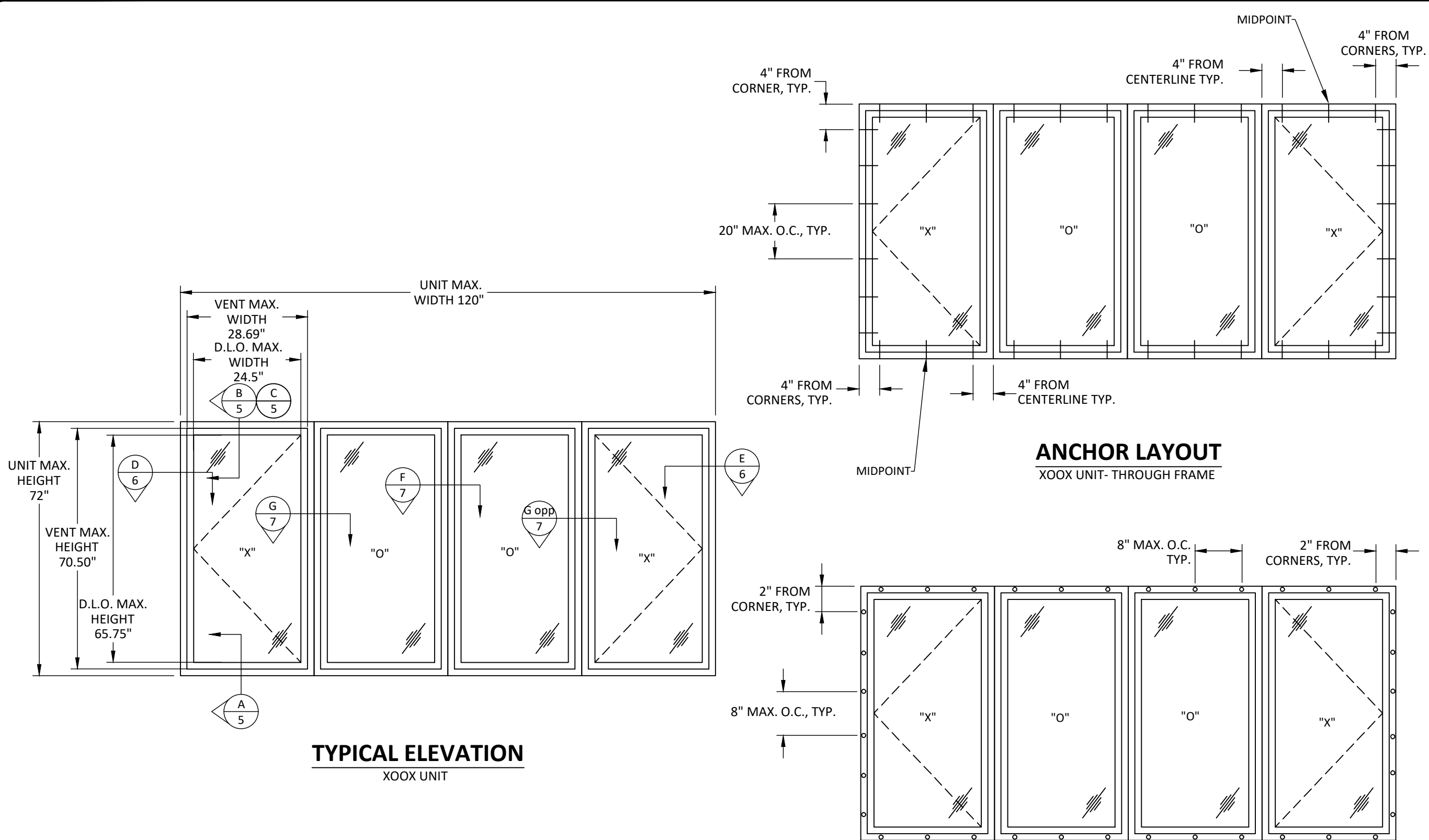
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DWG. #: **ATR108**

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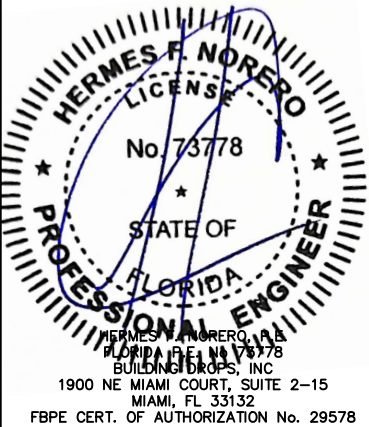
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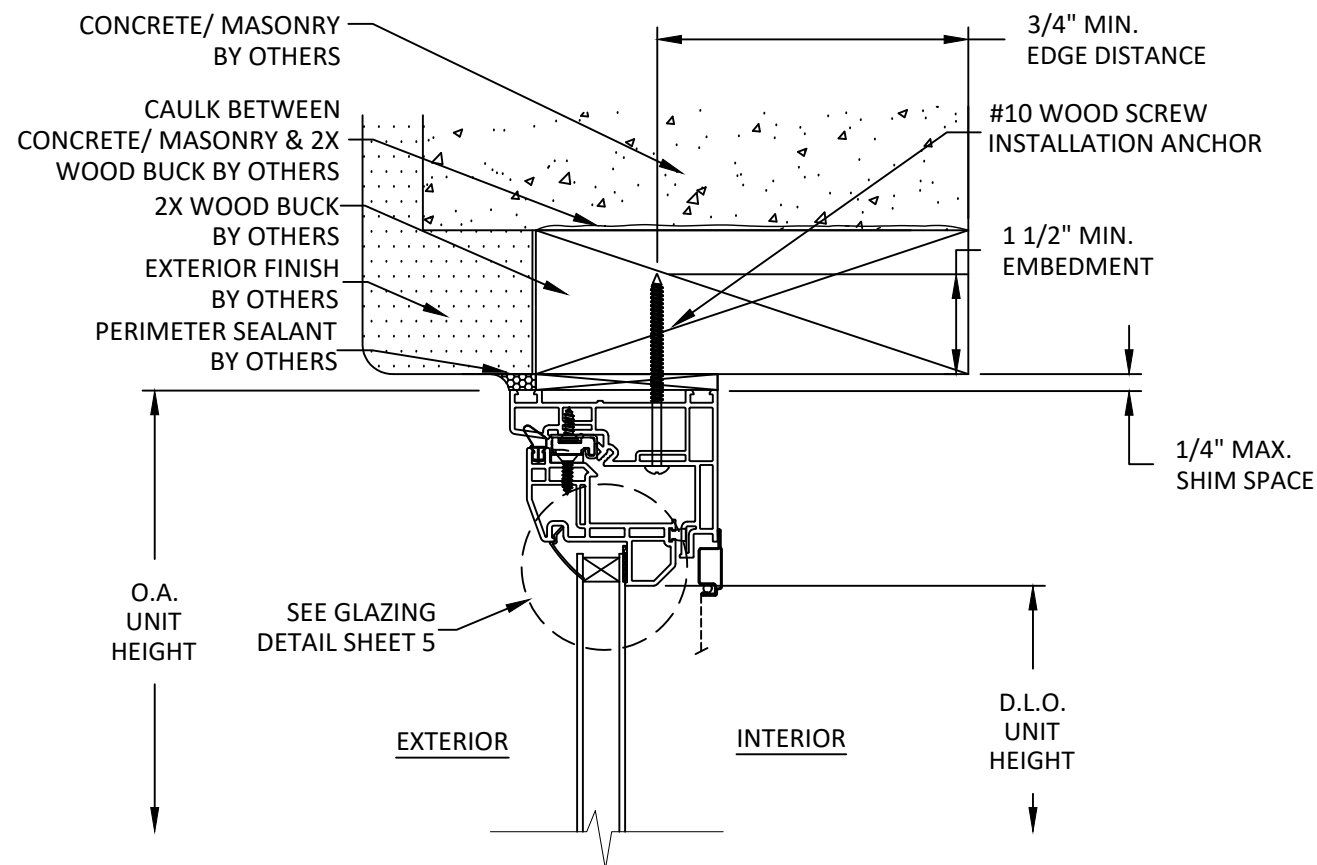
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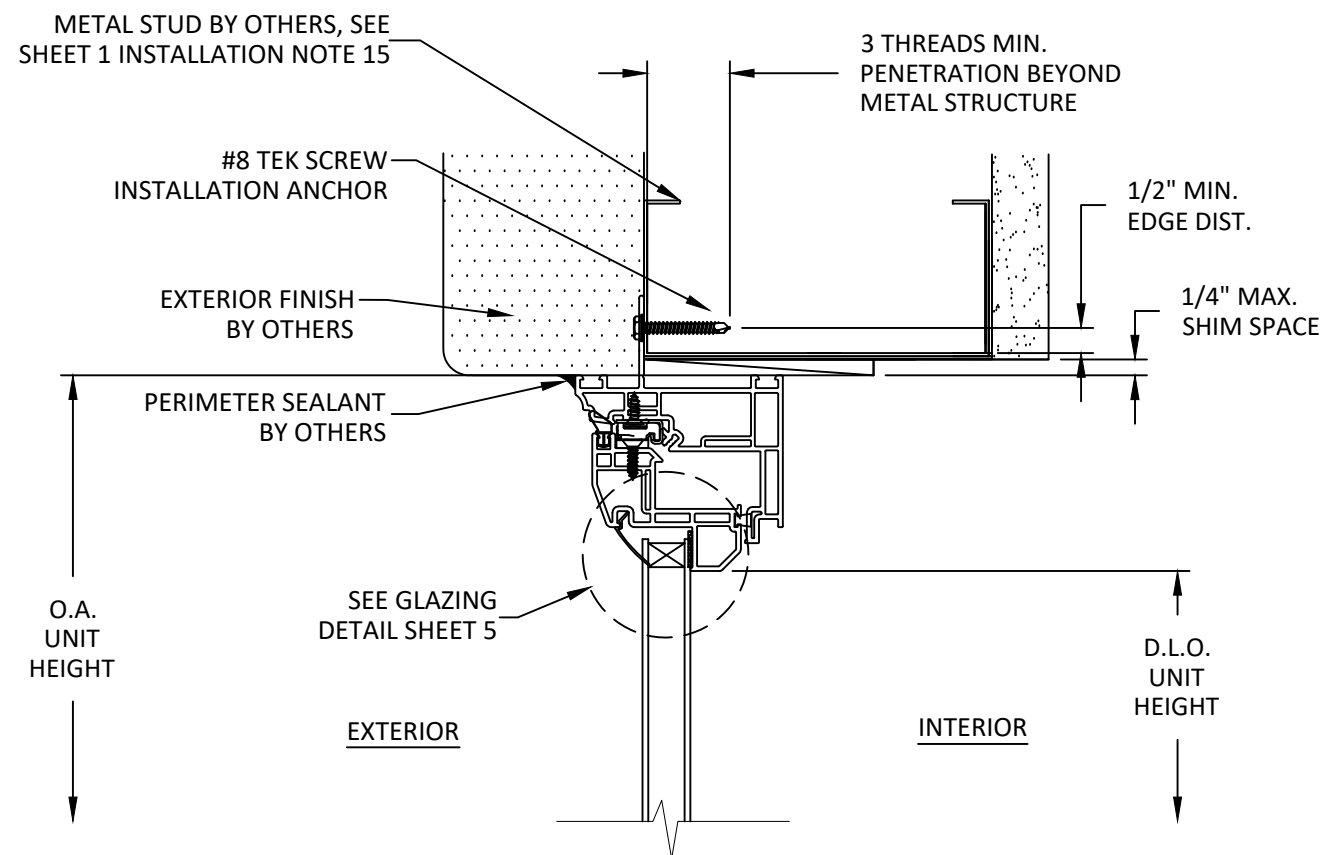
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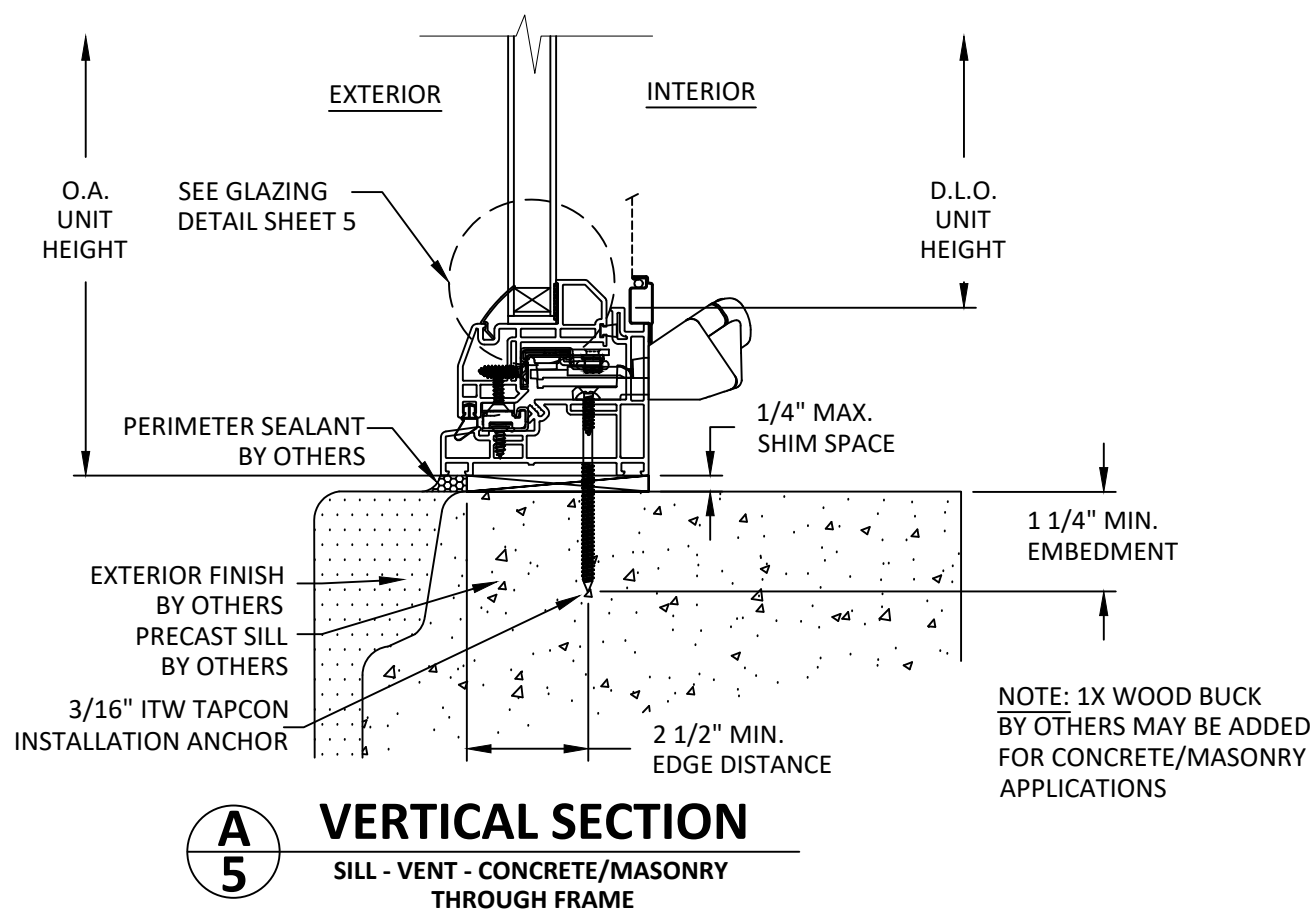
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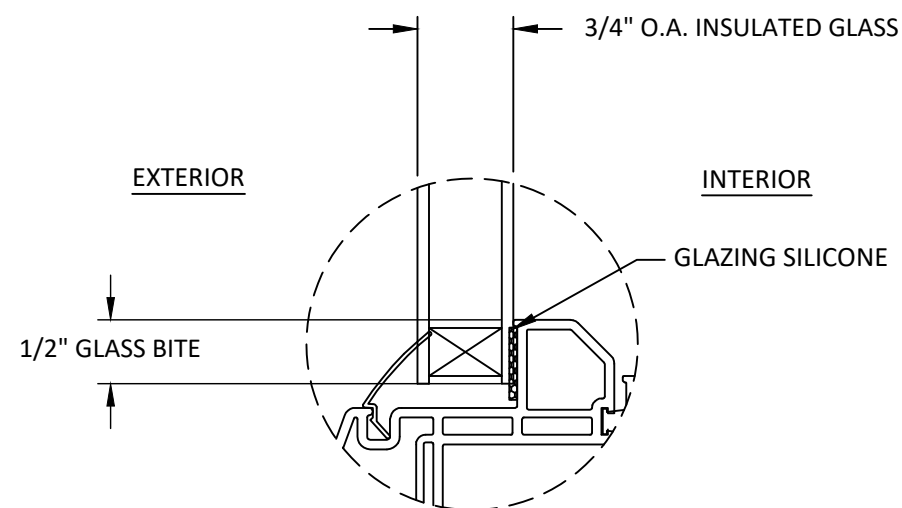
B5 VERTICAL SECTION
HEAD - VENT - 2X WOOD BUCK
THROUGH FRAME



C5 VERTICAL SECTION
HEAD - FIXED - METAL STUD
NAILING FIN



A5 VERTICAL SECTION
SILL - VENT - CONCRETE/MASONRY
THROUGH FRAME



GLAZING DETAIL 1

NOTE:

GLASS TYPE & THICKNESS SHALL MEET THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS

ATRIUM
WINDOWS AND DOORS

Part of the Cornerstone Building Brands Family

ATRIUM COMPANIES, INC.

300 Welcome Center Blvd.
Welcome, NC 27374
(800)-542-9118

TITLE: SERIES 700/720/750/760
VINYL CASEMENT WINDOWS
(NON-HVHZ)/(NON-IMPACT)

VERTICAL SECTIONS AND GLAZING
DETAILS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI COURT, SUITE 2-15
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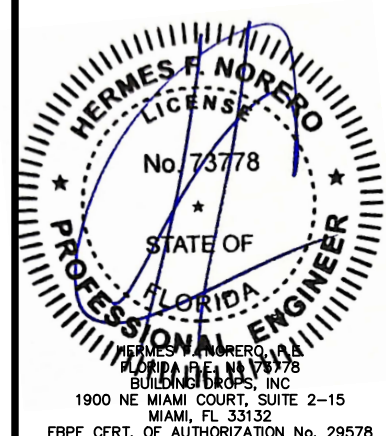
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SECTION:	5

TITLE: SERIES 700/720/750/760
VINYL CASEMENT WINDOWS
(NON-HVHZ)/(NON-IMPACT)

HORIZONTAL SECTIONS

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MIAMI, FL 33132

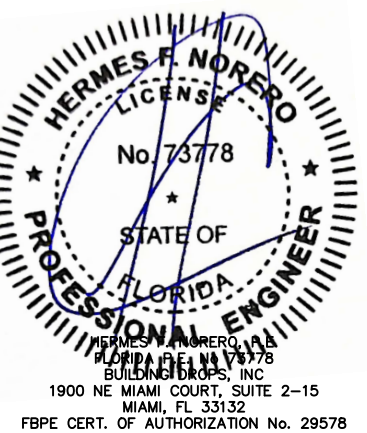
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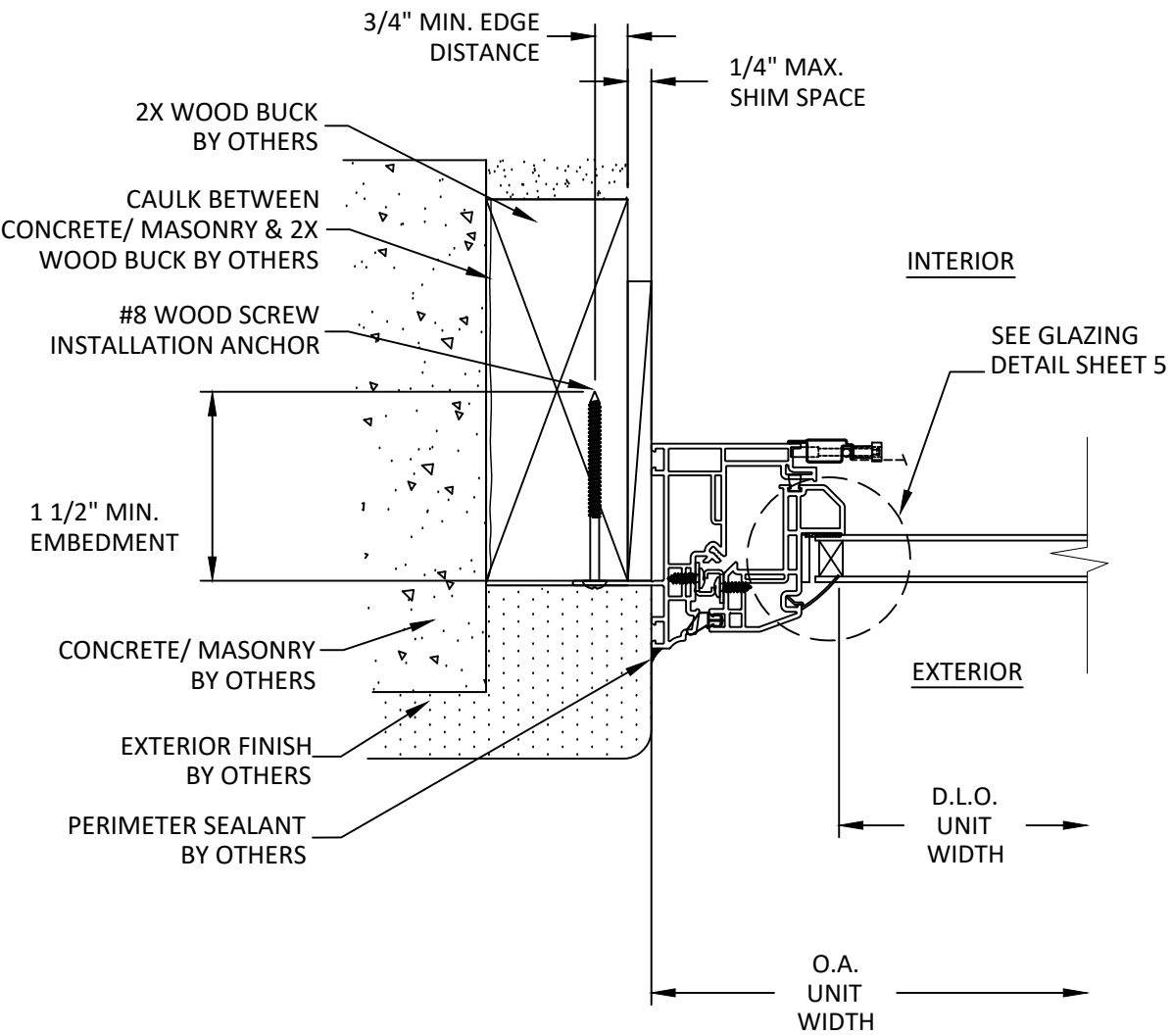


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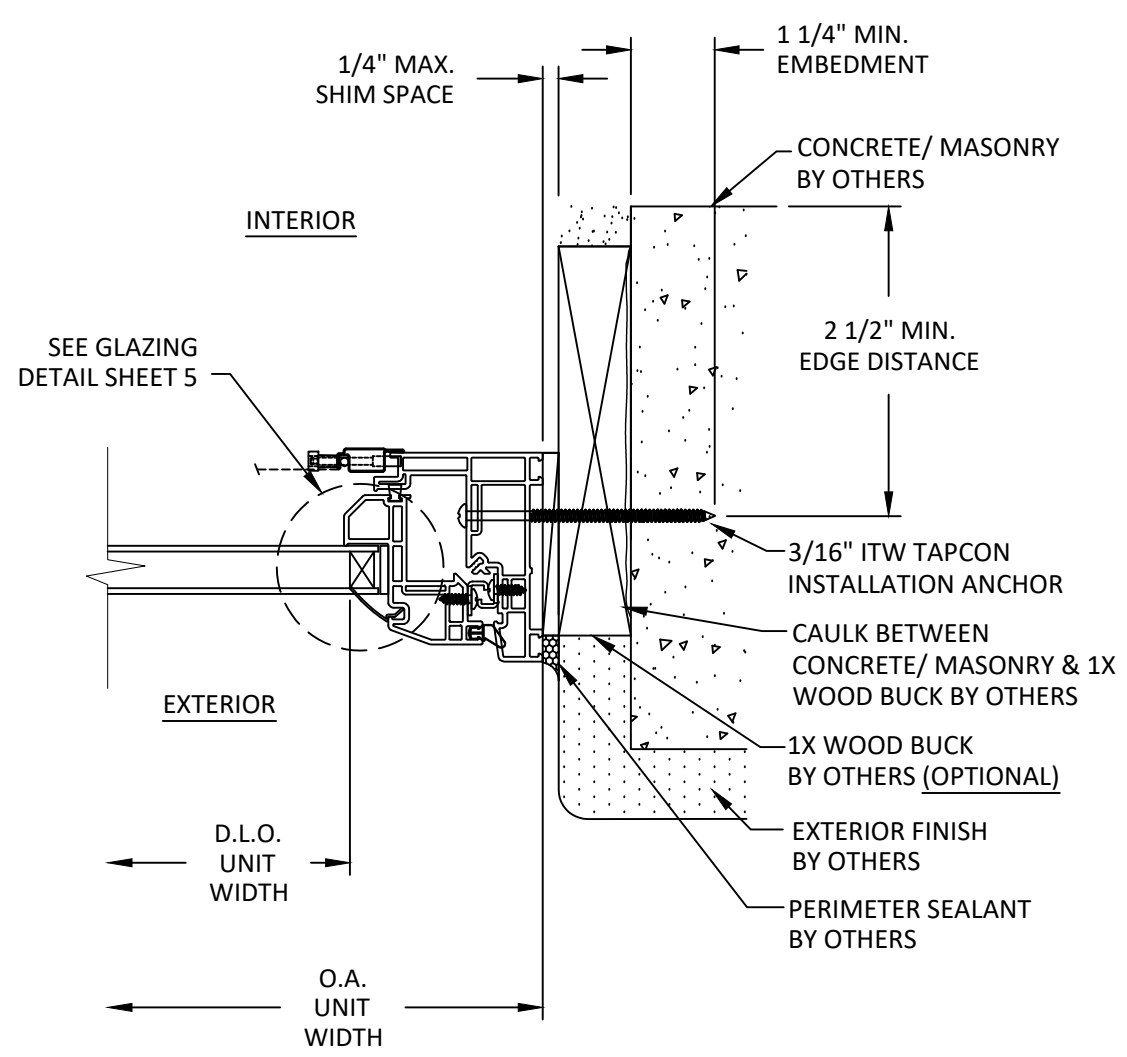
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SECTION:	6



D
6 **HORIZONTAL SECTION**
JAMB - 2X WOOD BUCK
NAILING FIN



E
6 **HORIZONTAL SECTION**
JAMB - CONCRETE/MASONRY
THROUGH FRAME

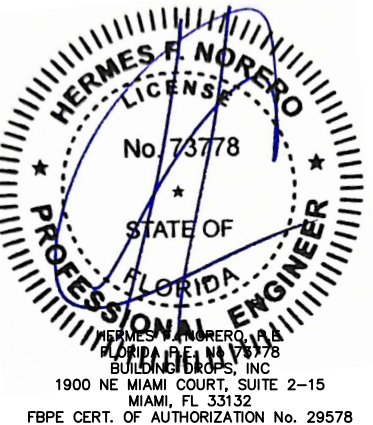
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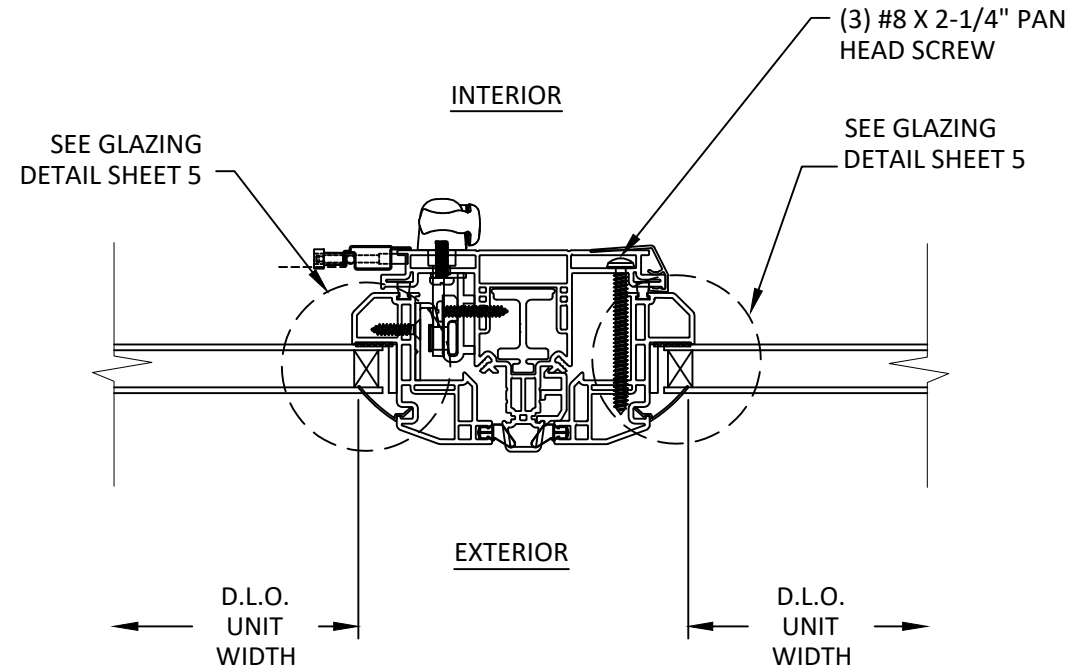
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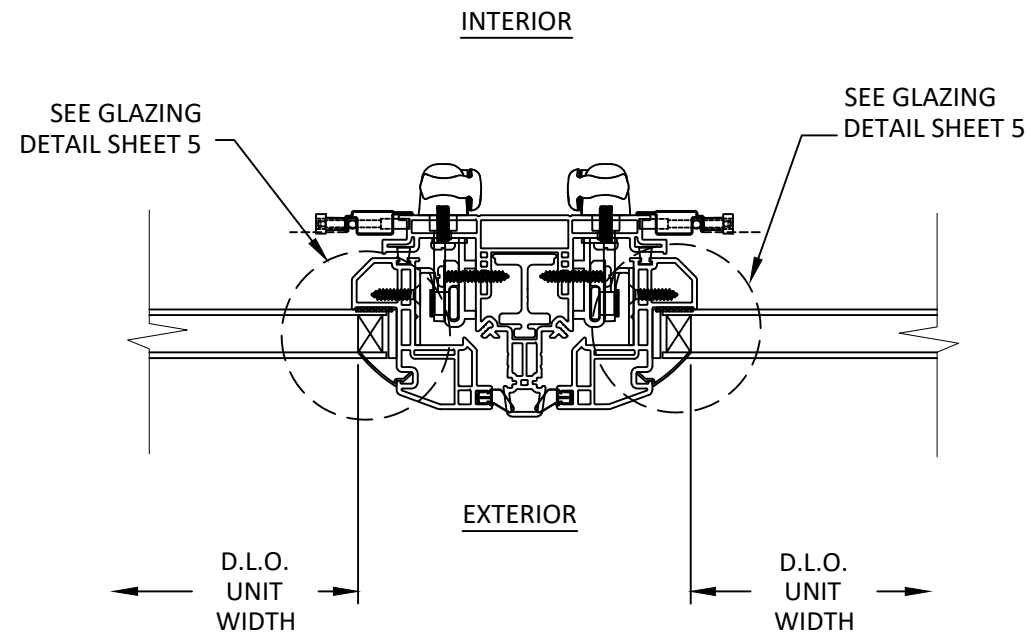
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7

HORIZONTAL SECTION

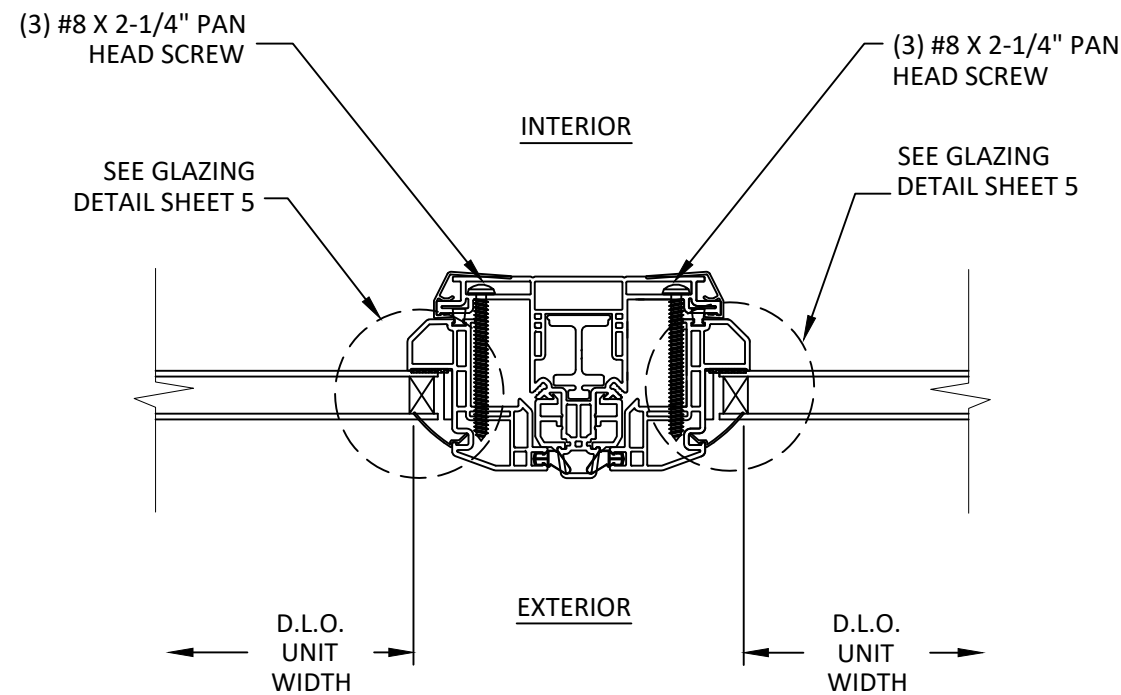
MEETING STILE / CASEMENT TO FIXED



H
7

HORIZONTAL SECTION

MEETING STILE / CASEMENT TO CASEMENT



F
7

HORIZONTAL SECTION

MEETING STILE / FIXED TO FIXED