

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 BASED ON QUANTITIES IN DP CHARTS NOT TO EXCEED 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
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.

THROUGH FRAME: FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2" MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
6.

THROUGH FRAME: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 1/4" DIAMETER ITW TAPCONS, ELCO ULTRACONS, ELCO CRETE-FLEX OR HILTI KWIK-CON II OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4" MINIMUM EMBEDMENT.
7.

THROUGH FRAME: FOR INSTALLATION INTO METAL STUD OR APPROVED MULLION USE #10 GR. 5 SELF TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
8.

CLIPS SHALL BE FASTENED TO THE WINDOW FRAME WITH (2) #8 X 5/8" SCREWS. CLIPS ARE 20 GAUGE (0.063" THICKNESS) F^y=33 KSI MIN STEEL WITH OVERALL DIMENSIONS OF 1.5" WIDE, 7.813" ALONG THE LONG LEG, AND 1.942" ALONG THE SHORT LEG.
9.

CLIP ANCHOR: FOR INSTALLATION INTO WOOD FRAMING USE (2) #8 WOOD SCREWS PER CLIP OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2" MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
10.

CLIP ANCHOR: FOR INSTALLATION INTO METAL STUD USE (2) #8 GR. 5 SELF-TAPPING SCREWS PER CLIP OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND THE METAL STRUCTURE.
11.

1.5" X 1.5" X 0.060" 6063-T5 ALUMINUM NAIL FIN SHALL BE FASTENED TO THE WINDOW FRAME WITH #8 X 1/2" SCREWS, 12" MAX. ON CENTER AND 4" MAX. FROM CORNERS, AND 3M VHB TAPE.
12.

NAIL FIN: FOR INSTALLATION INTO WOOD FRAMING USE #8 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2" MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
13.

NAIL FIN: FOR INSTALLATION INTO METAL STUD OR APPROVED MULLION USE #8 GR. 5 SELF TAPPING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
14.

MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
15.

INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
16.

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.

WINDSOR WINDOWS & DOORS

PINNACLE CLAD CONCEALED DOUBLE HUNG

(WZ3)(IMPACT)

CONTINUED INSTALLATION NOTES:

17.

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.
18.

INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A.

WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

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 18 GA. WALL THICKNESS.

F.

ALUMINUM - MINIMUM ALLOY 6063-T5. MINIMUM WALL THICKNESS OF 1/8" (0.125").
- GENERAL NOTES:
1.

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

AAMA/WDMA/CSA 101/I.S.2/A440-17

ASTM E1886-13A

ASTM E1996-17

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 NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONES 3 OR LESS.
6.

APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE IN WIND ZONES 4.

7.

WINDOW FRAME MATERIAL: WOOD
WINDOW CLADDING MATERIAL: ALUMINUM 6063-T5

8.

GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 6 FOR GLAZING DETAILS.
- | TABLE OF CONTENTS | |
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| SHEET | SHEET DESCRIPTION |
| 1 | INSTALLATION & GENERAL NOTES |
| 2 | ELEVATIONS & ANCHOR LAYOUTS |
| 3 | THROUGH FRAME INSTALLATION SECTIONS |
| 4 | CLIP INSTALLATION SECTIONS |
| 5 | NAIL FIN INSTALLATION SECTIONS |
| 6 | GLAZING DETAILS, MEETING RAIL & MULLIONS |
- | CONFIG. | TYP. OVERALL SIZE | | DESIGN PRESSURE | INSTALL METHOD | MISSILE IMPACT RATING |
|-------------|-------------------|---------|-----------------|----------------------------------|------------------------------------|
| | WIDTH | HEIGHT | | | |
| DOUBLE HUNG | 33-3/8" | 68-3/4" | +/- 50 PSF | THROUGH FRAME, CLIP, OR NAIL FIN | LARGE & SMALL MISSILE IMPACT RATED |
-
- WINDSOR WINDOWS & DOORS
900 S. 19TH STREET.
WEST DES MOINES, IA 50265
PH: (515)223-6660 FAX: (515)224-1938
- TITLE: PINNACLE CLAD CONCEALED DOUBLE HUNG WINDOW (WZ3) (IMPACT)
- INSTALLATION AND GENERAL NOTES
- PREPARED BY:
- BUILDING DROPS, INC.
- 1900 NE MIAMI COURT, STE. 2-15
- MIAMI, FL 33132
- PH: (954)399-8478
- FAX: (954)744-4738
- WEB: www.buildingdrops.com
-
- | REMARKS | BY | DATE |
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| | | |
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- Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2025.06.23 13:24:33 -04'00'
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- FBPE CERT. OF AUTHORIZATION No. 29578
- FL #:

FL11092

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HFN

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NTS

DWG. #:

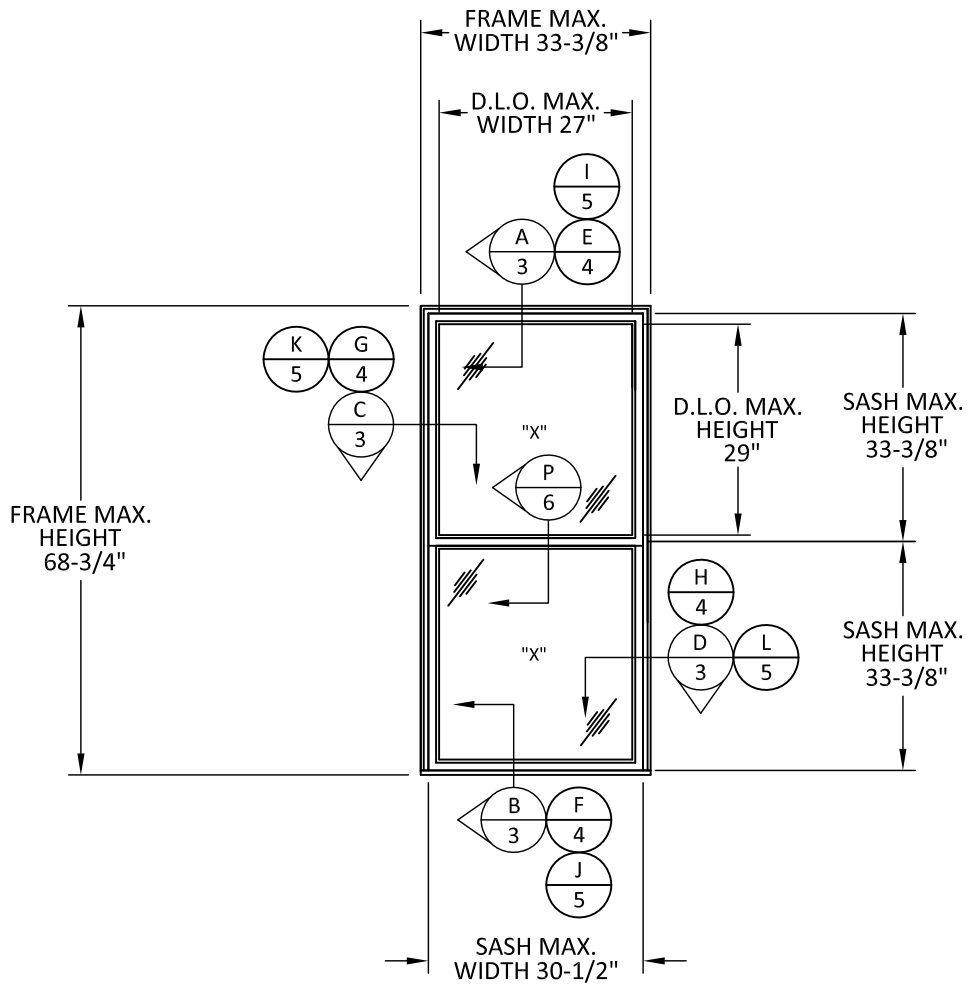
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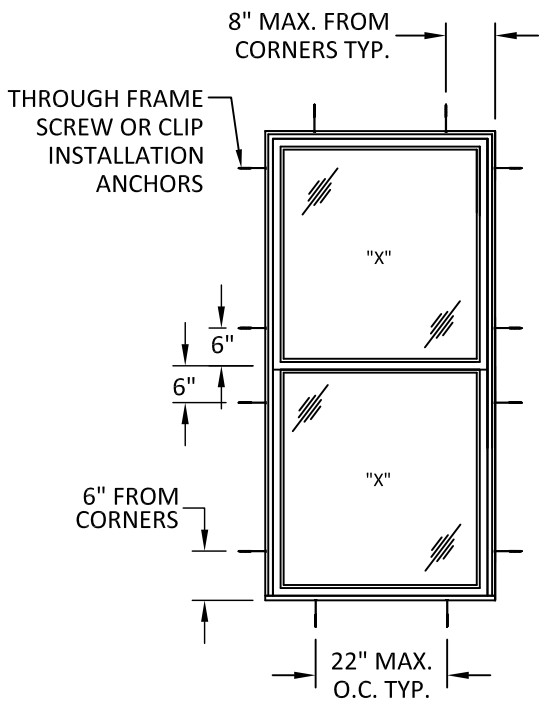
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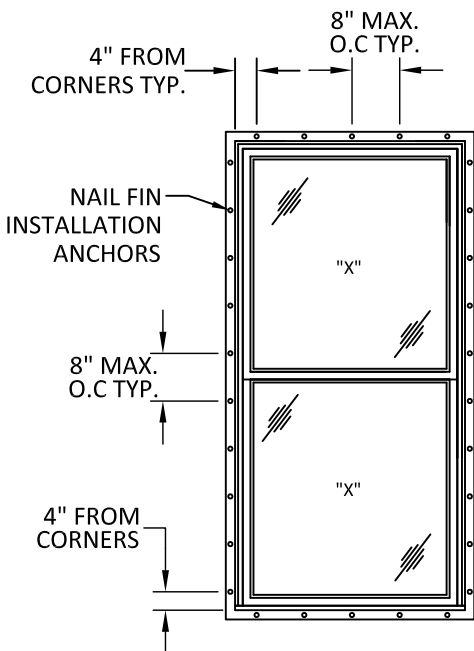
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TYPICAL ELEVATION
DOUBLE HUNG



ANCHOR LAYOUT
CLIP OR SCREW INSTALLATION



ANCHOR LAYOUT
NAIL FIN INSTALLATION



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(WZ3) (IMPACT)

ELEVATIONS &
ANCHOR LAYOUTS

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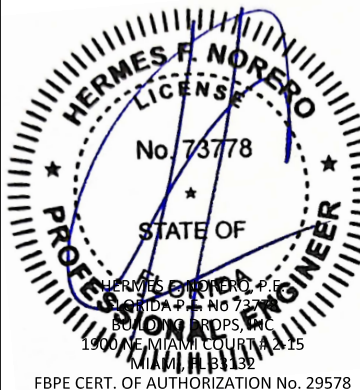
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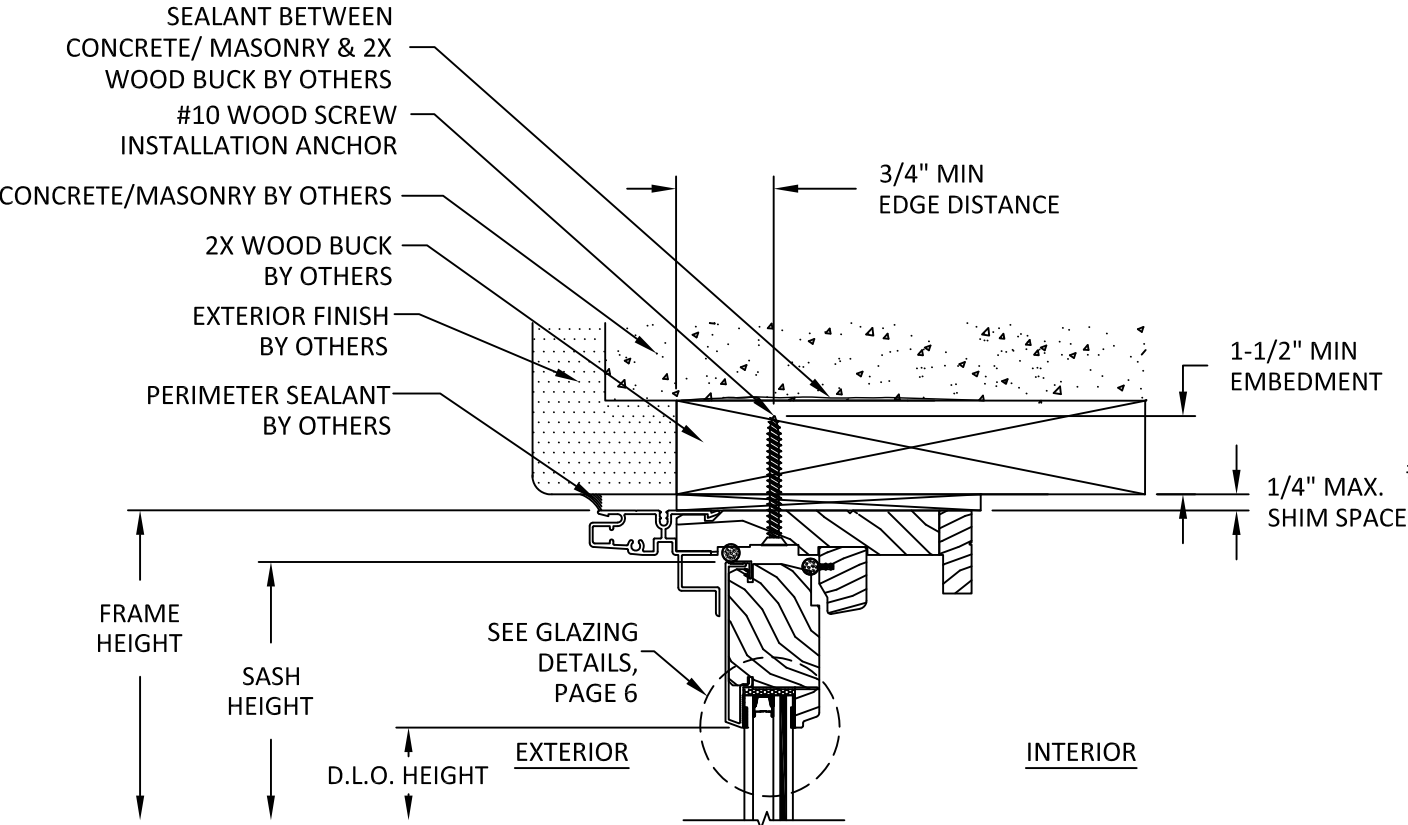
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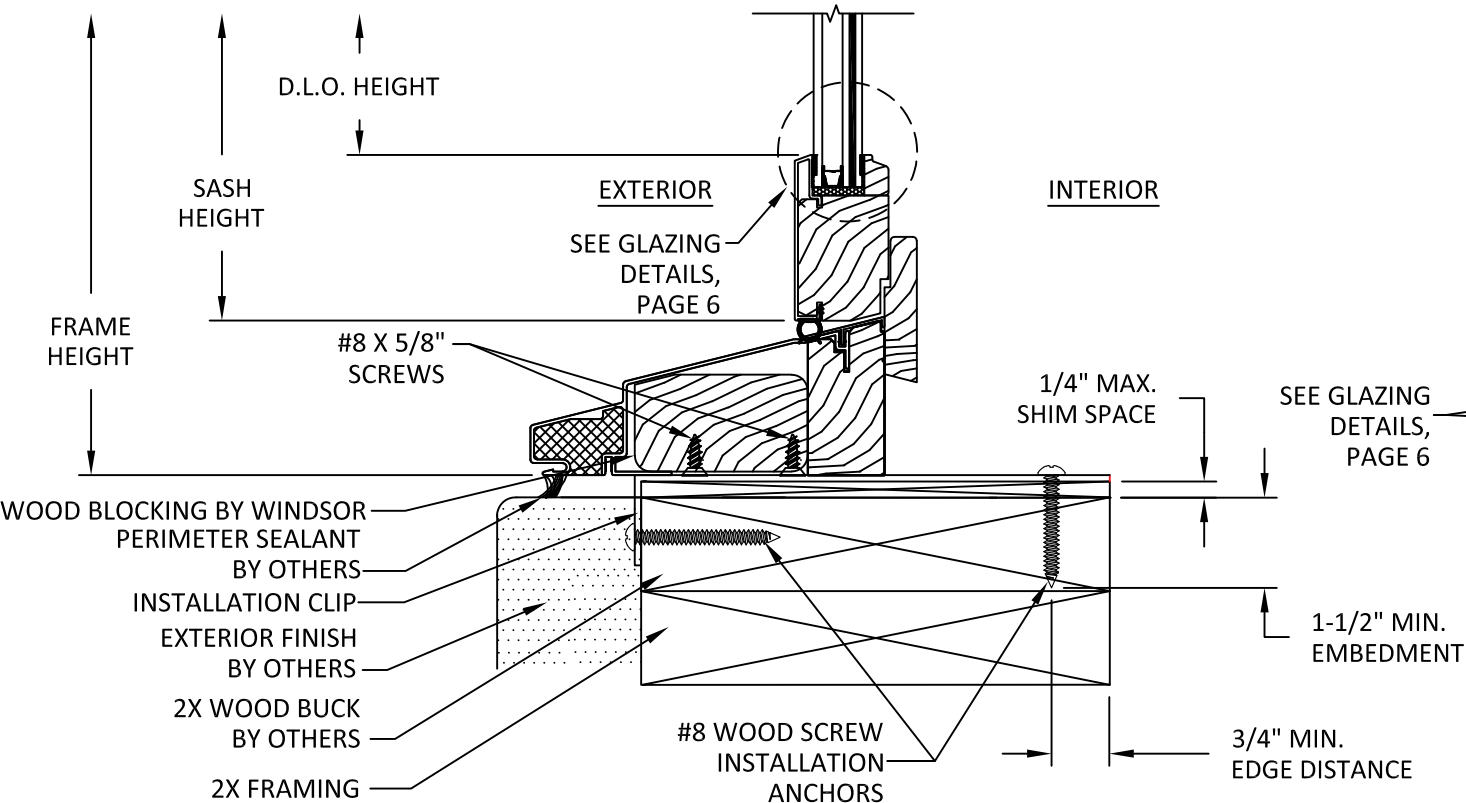
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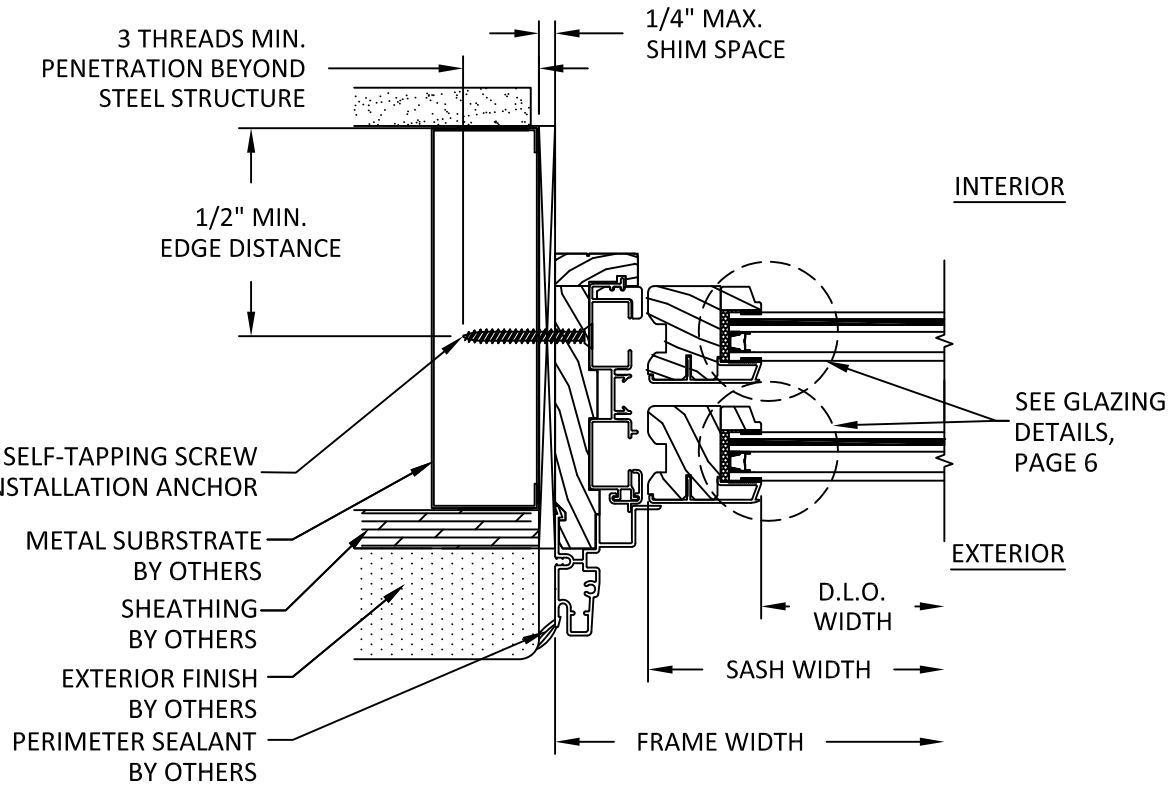


A
3
VERTICAL SECTION
DH HEAD - 2X WOOD BUCK
THROUGH FRAME INSTALLATION

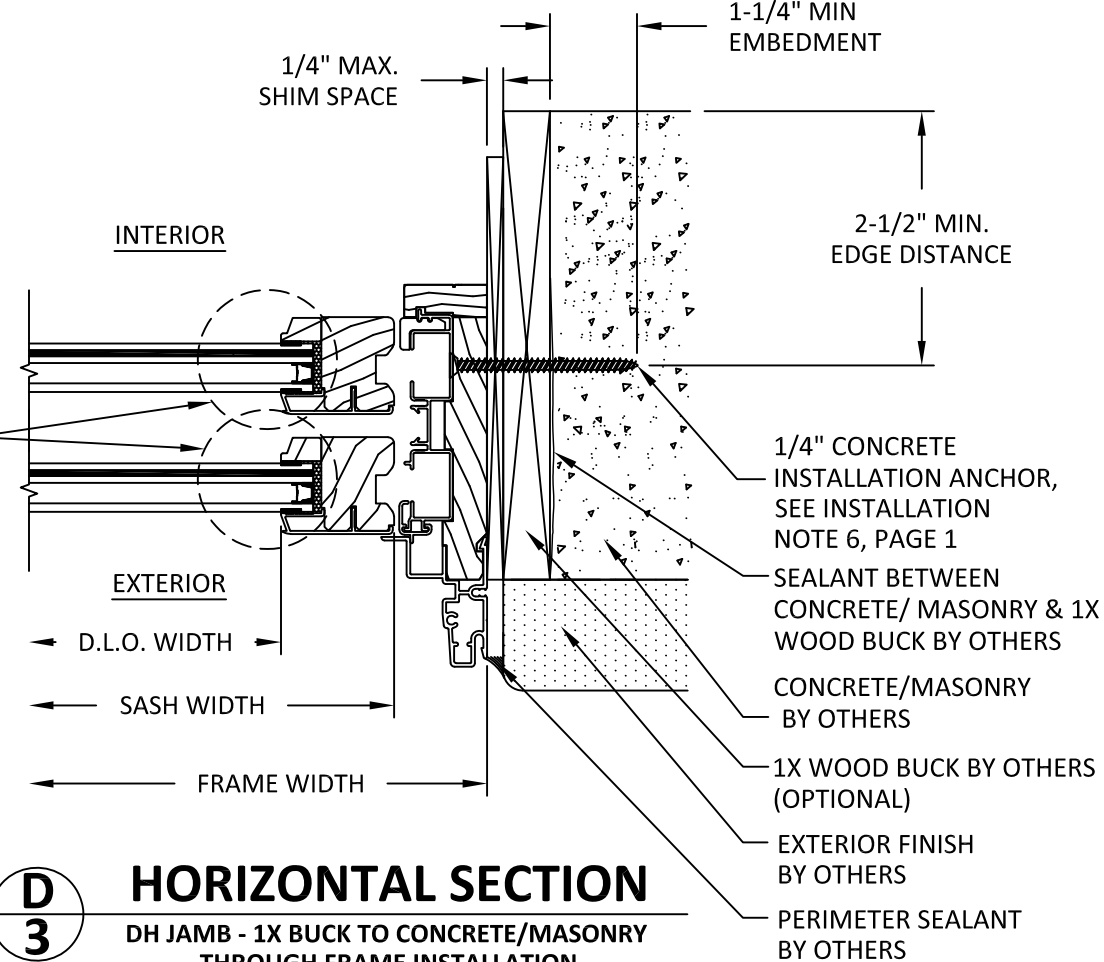


B
3
VERTICAL SECTION
DH SILL - 2X WOOD BUCK
CLIP INSTALLATION

NOTE:
INSTALLATION AT SILL SHALL USE
CLIPS. THROUGH FRAME
INSTALLATION NOT PERMITTED.



C
3
HORIZONTAL SECTION
DH JAMB - STEEL STUD FRAME
THROUGH FRAME INSTALLATION



D
3
HORIZONTAL SECTION
DH JAMB - 1X BUCK TO CONCRETE/MASONRY
THROUGH FRAME INSTALLATION



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THROUGH FRAME
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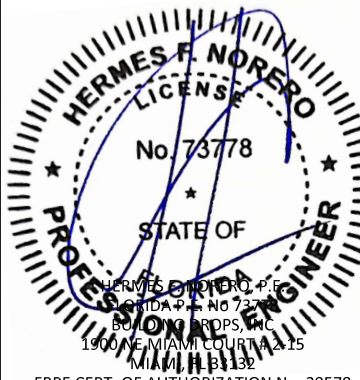
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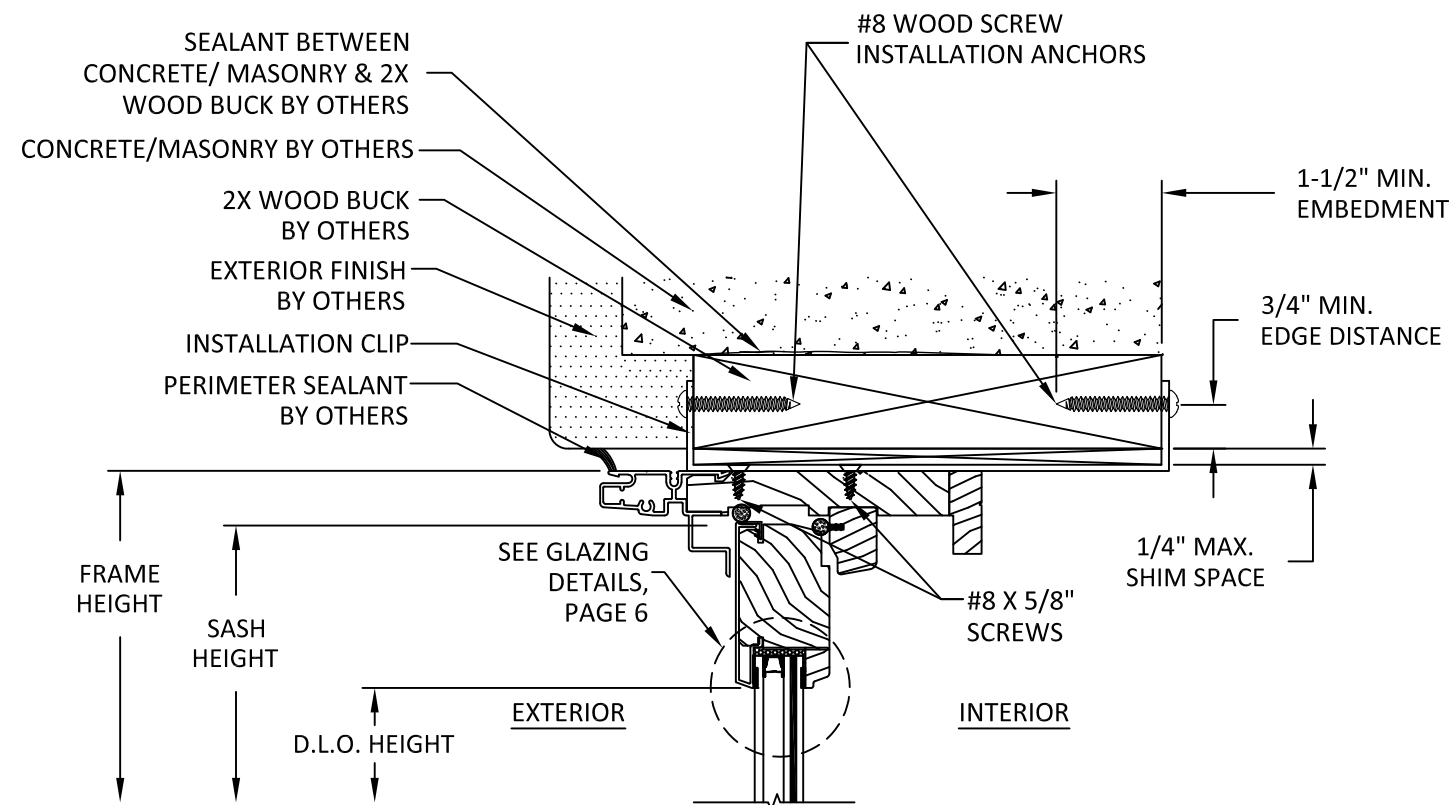
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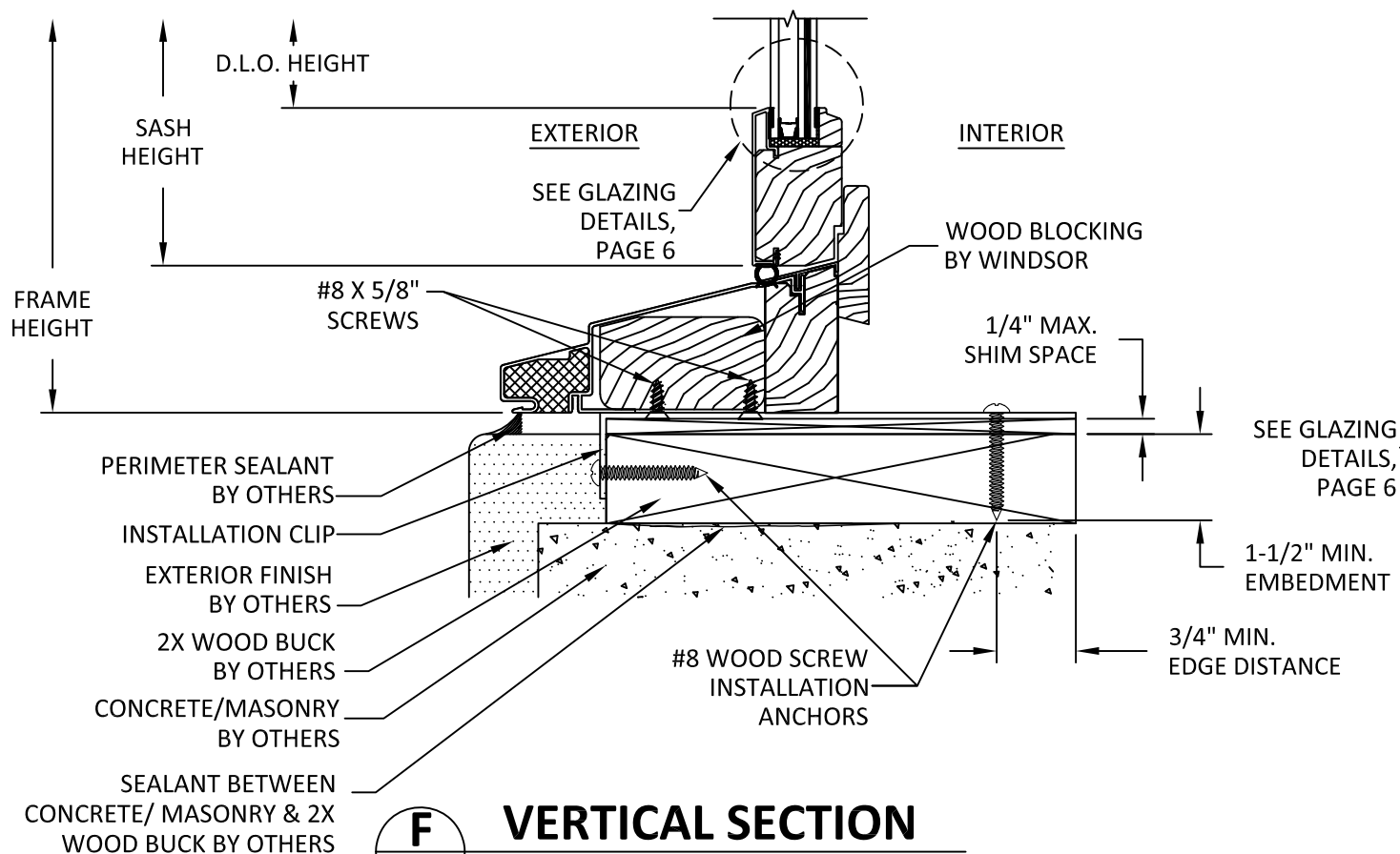


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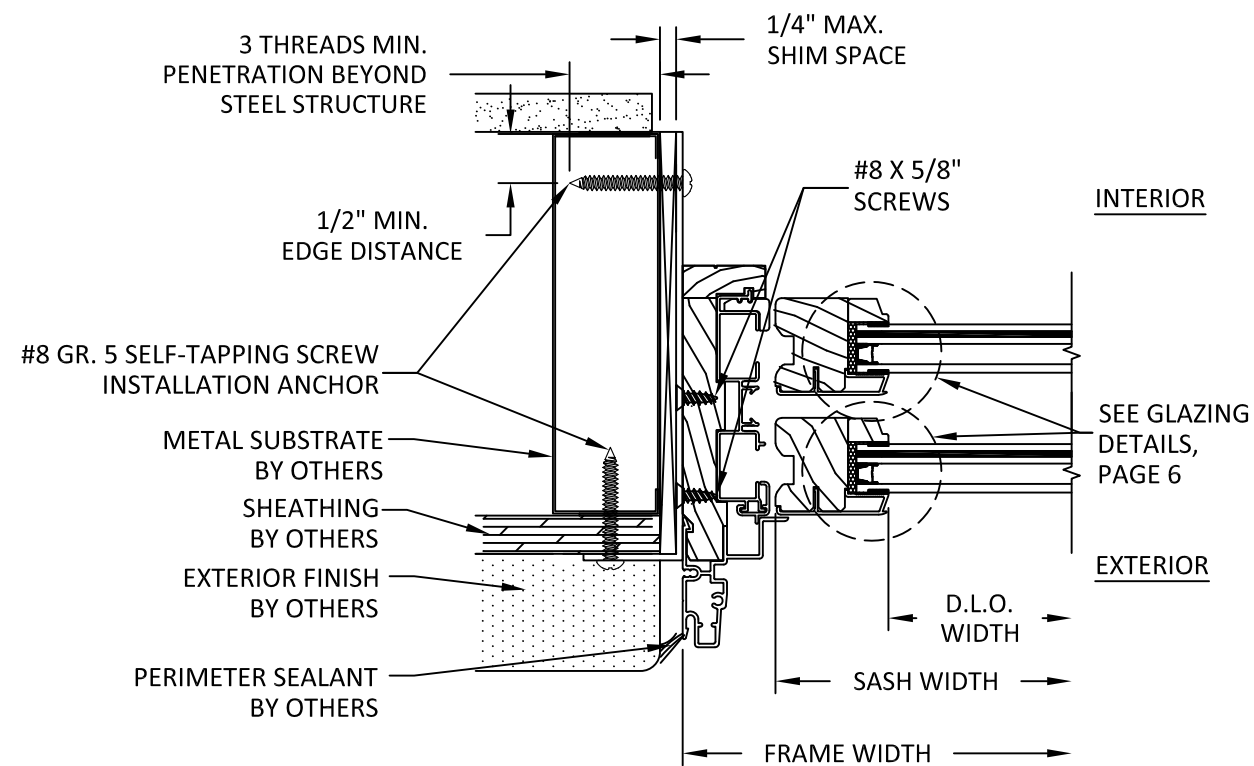
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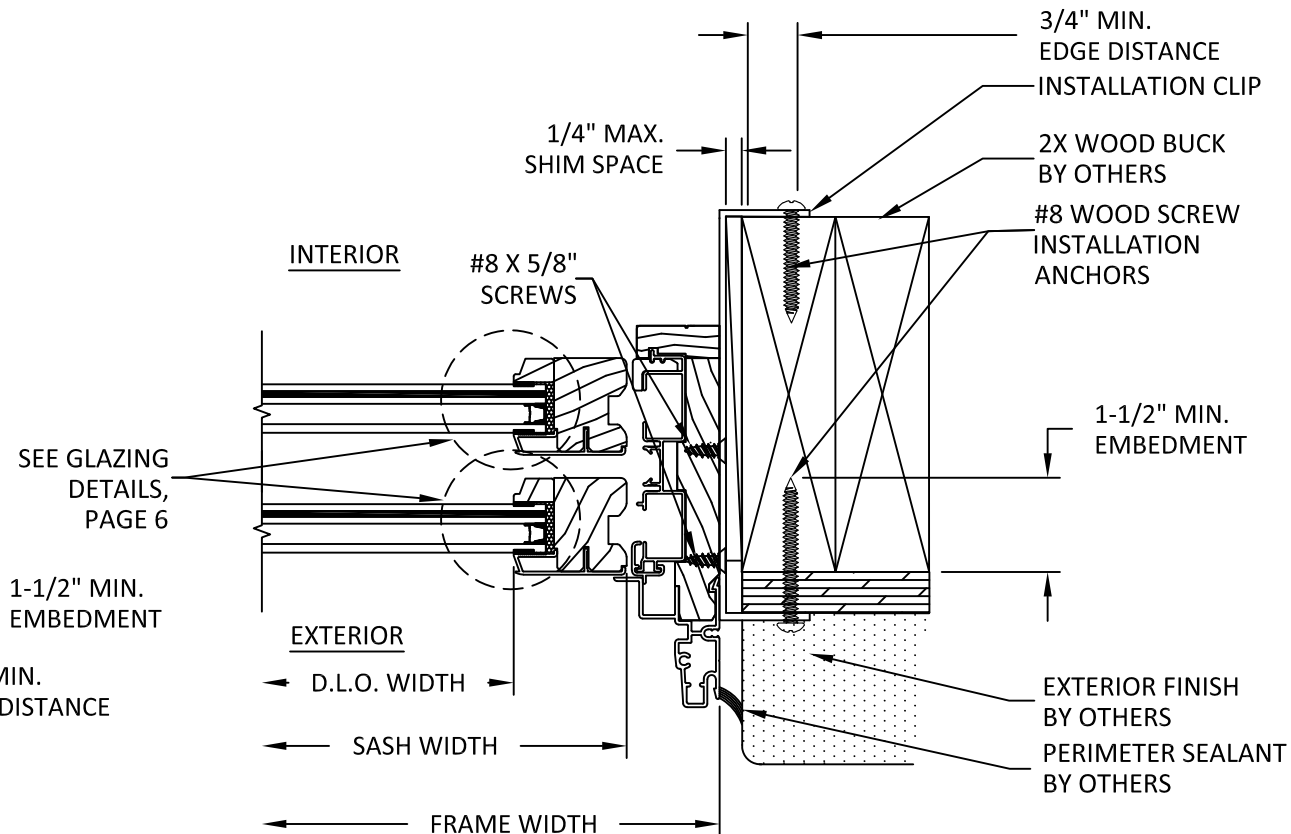
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4** **VERTICAL SECTION**
DH HEAD - 2X WOOD BUCK
STANDARD CLIP INSTALLATION



**F
4** **VERTICAL SECTION**
DH SILL - 2X WOOD BUCK
ALTERNATE CLIP INSTALLATION



**G
4** **HORIZONTAL SECTION**
DH JAMB - STEEL STUD FRAME
ALTERNATE CLIP INSTALLATION



**H
4** **HORIZONTAL SECTION**
DH JAMB - 2X WOOD FRAMING
STANDARD CLIP INSTALLATION



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CLIP INSTALLATION
SECTIONS

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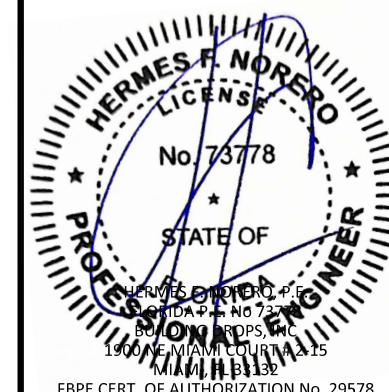
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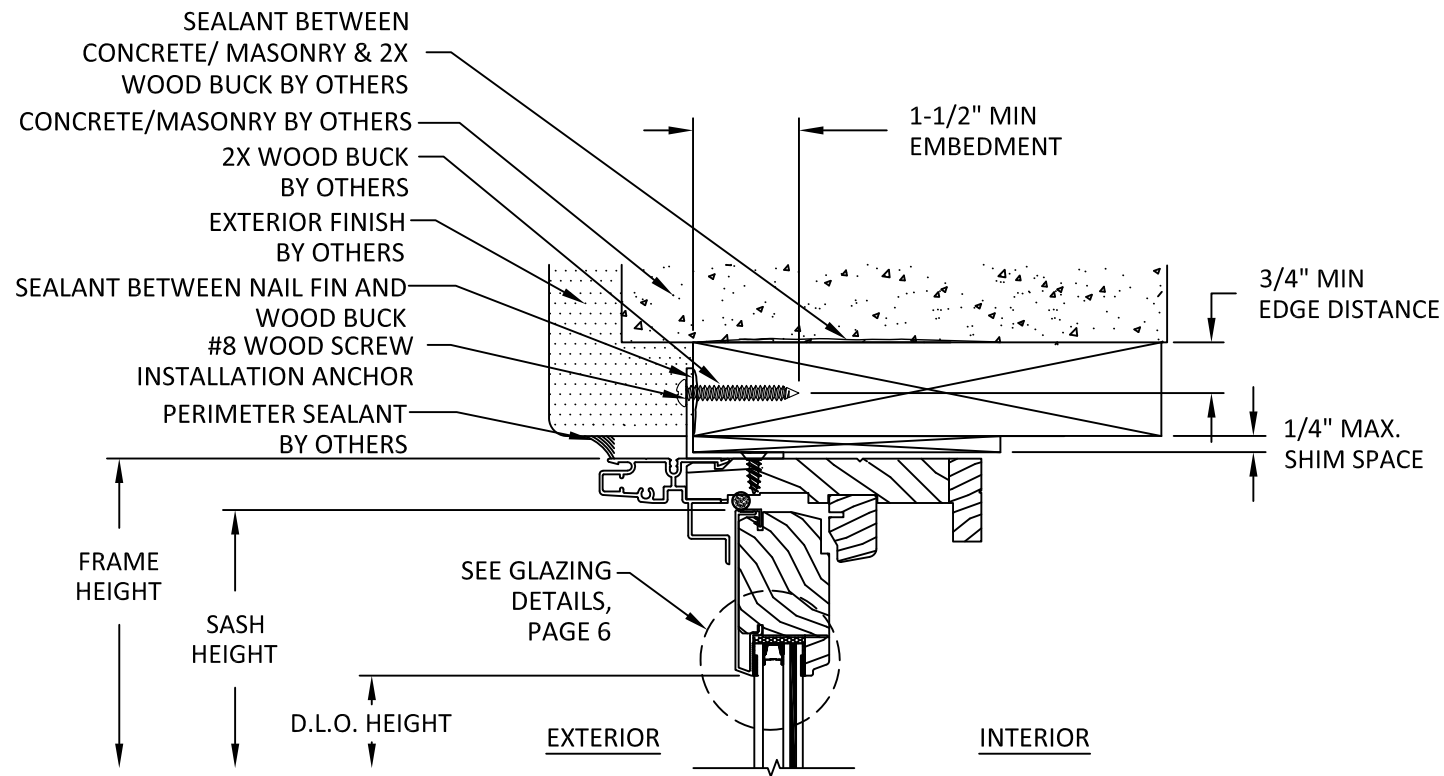
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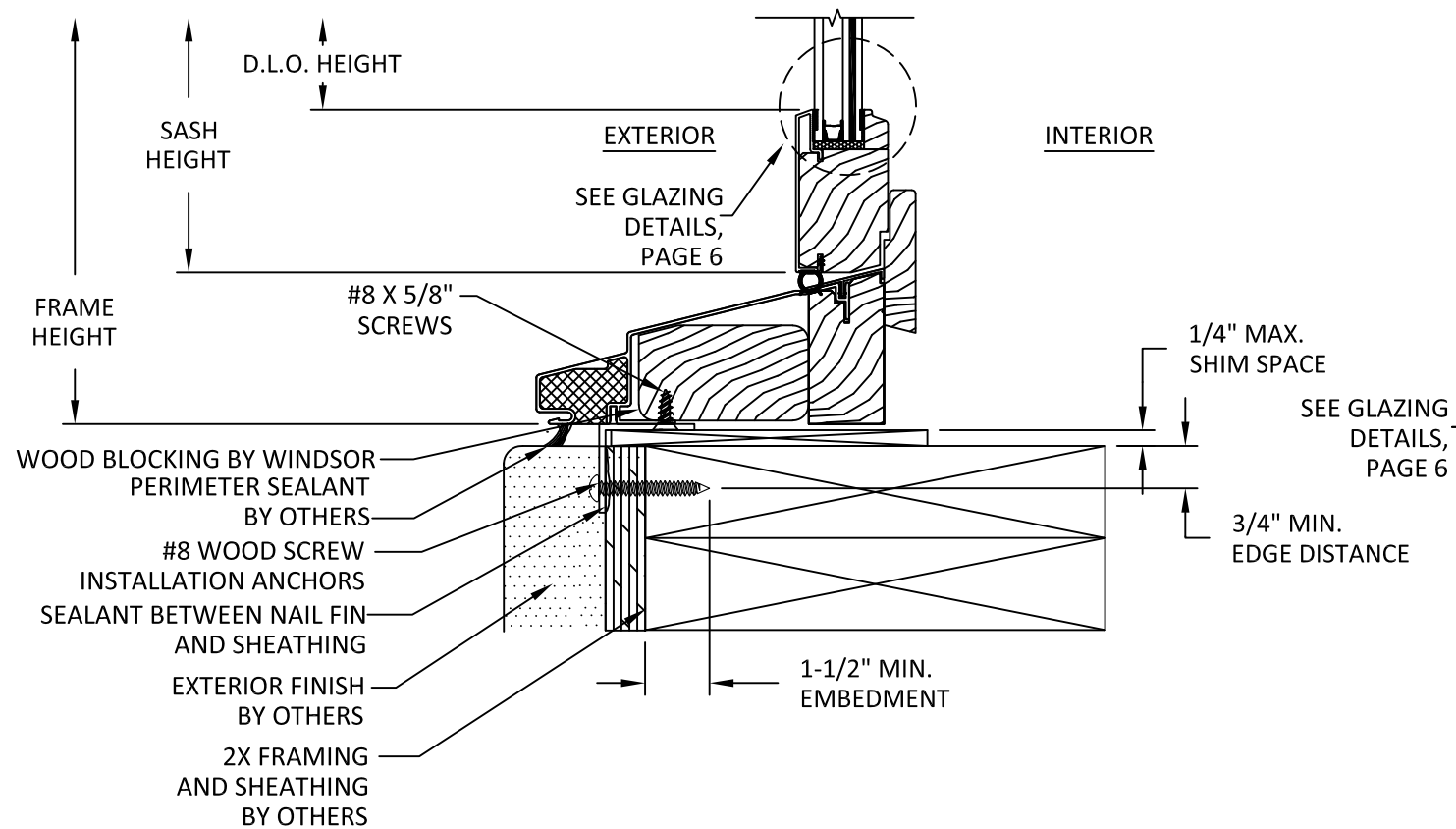
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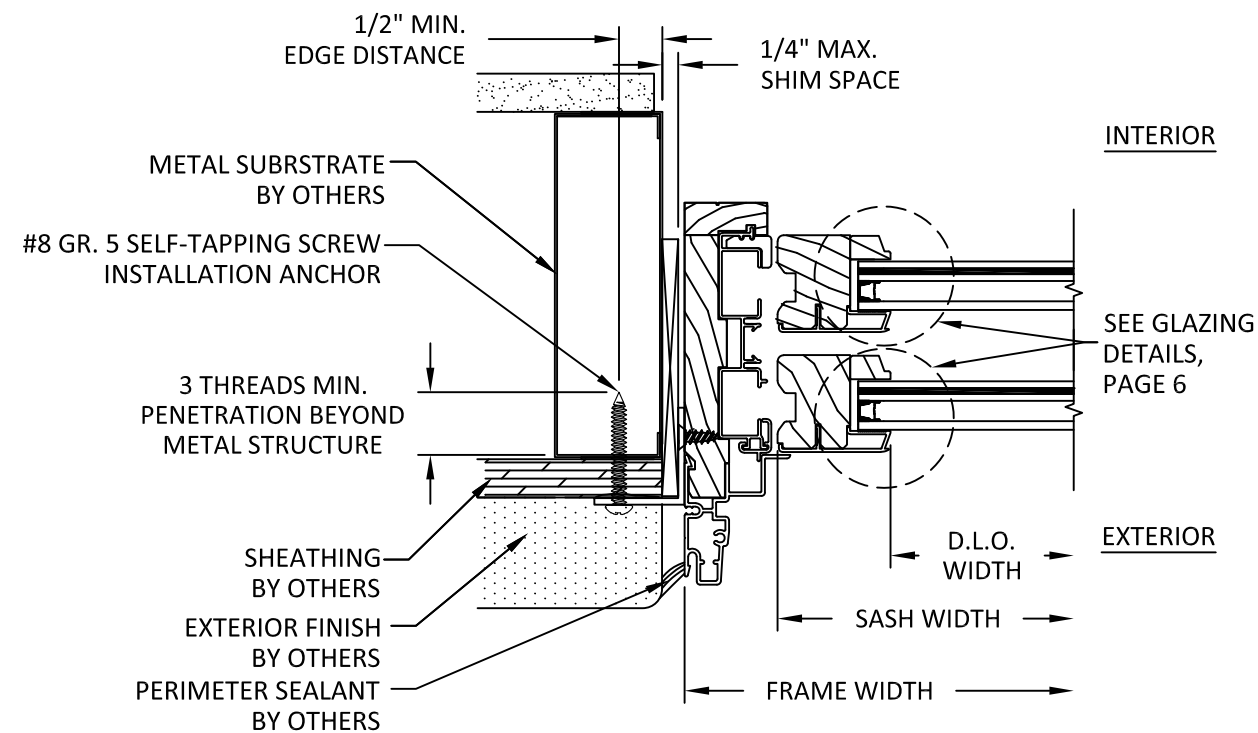
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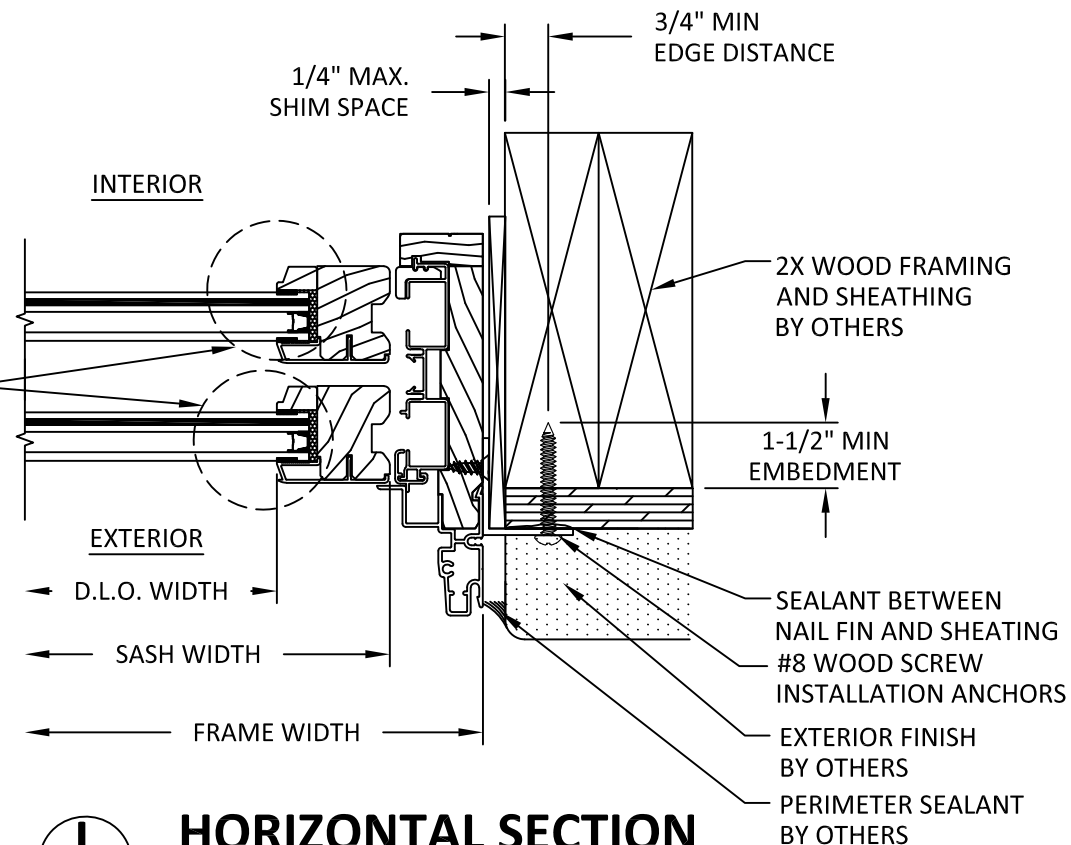
I
5 **VERTICAL SECTION**
DH HEAD - 2X WOOD BUCK
NAIL FIN INSTALLATION



J
5 **VERTICAL SECTION**
DH SILL - 2X WOOD FRAMING
NAIL FIN INSTALLATION



K
5 **HORIZONTAL SECTION**
DH JAMB - METAL SUBSTRATE
NAIL FIN INSTALLATION



L
5 **HORIZONTAL SECTION**
DH JAMB - 2X 2X6 WOOD BUCKS
NAIL FIN INSTALLATION



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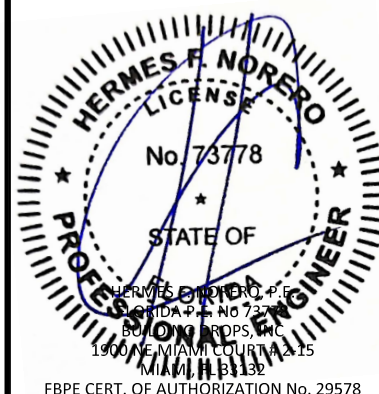
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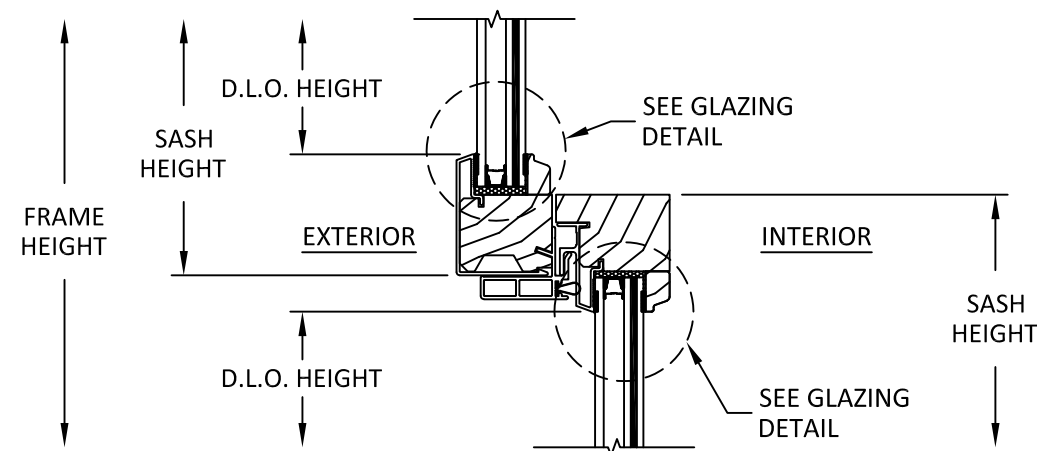


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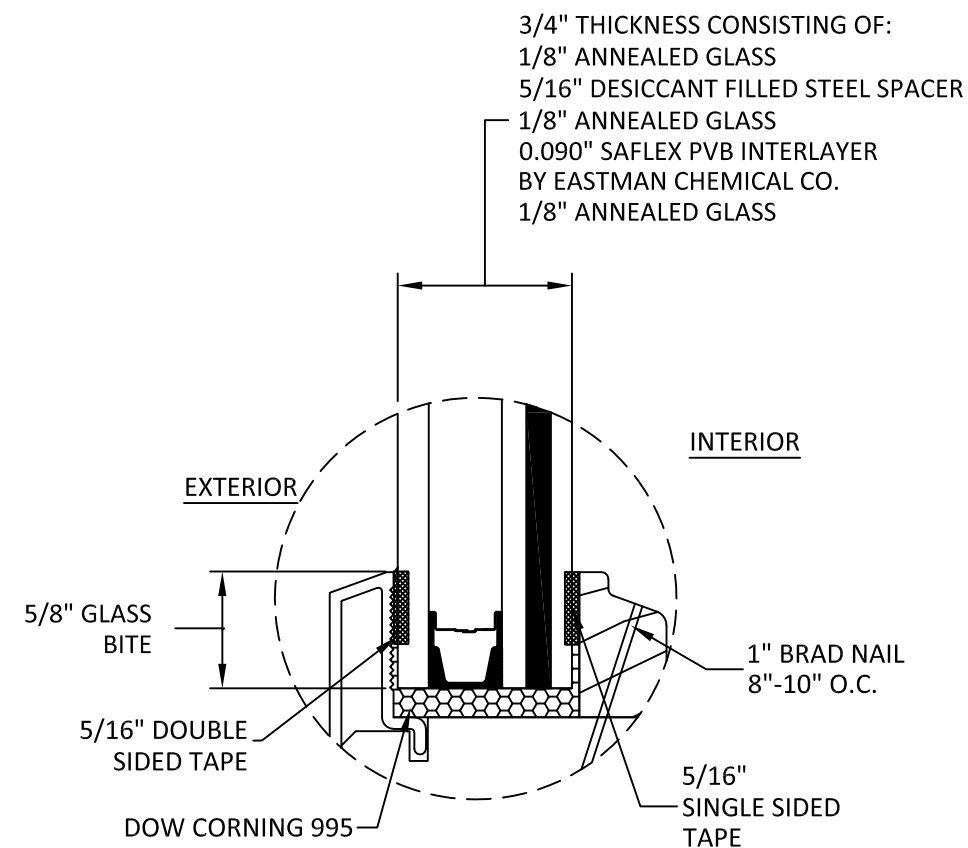
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P
6 **VERTICAL SECTION**
MEETING RAIL



GLAZING DETAIL

DOUBLE HUNG

GLAZING NOTES:

1. GLASS TYPE & THICKNESS COMPLIES WITH ASTM E1300 REQUIREMENTS.
2. GLASS TYPE & THICKNESS SHALL COMPLY WITH APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
3. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
4. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
5. DESIGN PRESSURES MAY NOT EXCEED MAX VALUES IN DESIGN PRESSURE TABLES ON SHEET 1.

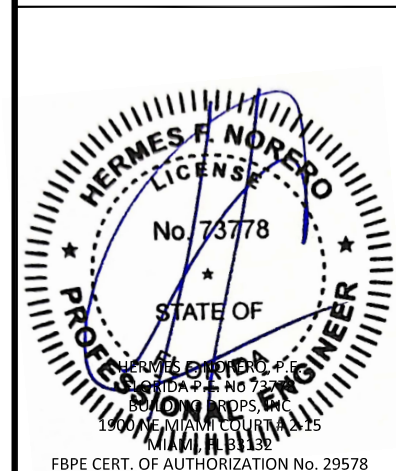
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(WZ3) (IMPACT)
GLAZING DETAIL,
MEETING RAIL & MULLIONS.**

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