

YKK AP AMERICA RESIDENTIAL

STYLEVIEW SINGLE HUNG WINDOWS -

ORIEL, COTTAGE, EQUAL SASH

(NON-HVHZ) (NON-IMPACT)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- 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 ±1/2 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.
- FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3/4 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FOR INSTALLATION INTO METAL STUD USE #10 GRADE 5 HWH OR PH SELF-DRILLING OR SELF-TAPPING SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
- 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.
- 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:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. (0.0428") WALL THICKNESS.

GENERAL NOTES:

- 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/CSA 101/I.S.2/A440-08/11
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING AND 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.
- 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.
- 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. DOCUMENTS SHALL BE APPROVED BY AUTHORITY HAVING JURISDICTION (AHJ).
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: PVC
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
- GLAZING MEETS ASTM E1300 REQUIREMENTS, SEE SHEET 4 FOR GLAZING DETAILS.

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CONFIGURATION	DESIGN PRESSURE	MAXIMUM SIZE	MISSILE IMPACT RATING
O/X-O/X-OX (ORIEL)	+50 / -50 PSF	107.5" x 71.5"	NON-IMPACT
O/X-O/X (ORIEL)	+50 / -50 PSF	71.5" x 71.5"	NON-IMPACT
O/X-O/X-O/X (COTTAGE)	+50 / -50 PSF	107.5" x 71.5"	NON-IMPACT
O/X-O/X (COTTAGE)	+50 / -50 PSF	71.5" x 71.5"	NON-IMPACT
O/X-O/X-O/X (EQUAL SASH)	+50 / -50 PSF	107.5" x 71.5"	NON-IMPACT
O/X-O/X (EQUAL SASH)	+50 / -50 PSF	71.5" x 71.5"	NON-IMPACT



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TITLE: STYLEVIEW SINGLE HUNG WINDOWS (NON-HVHZ) (NON-IMPACT)

INSTALLATION & GENERAL NOTES

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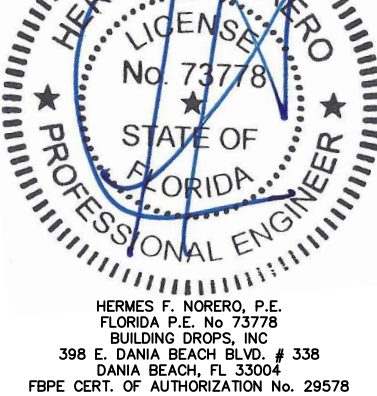


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REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero
Reason: I am approving this document
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CHK. BY: HFN

SCALE: NTS

DWG. #: YKK190

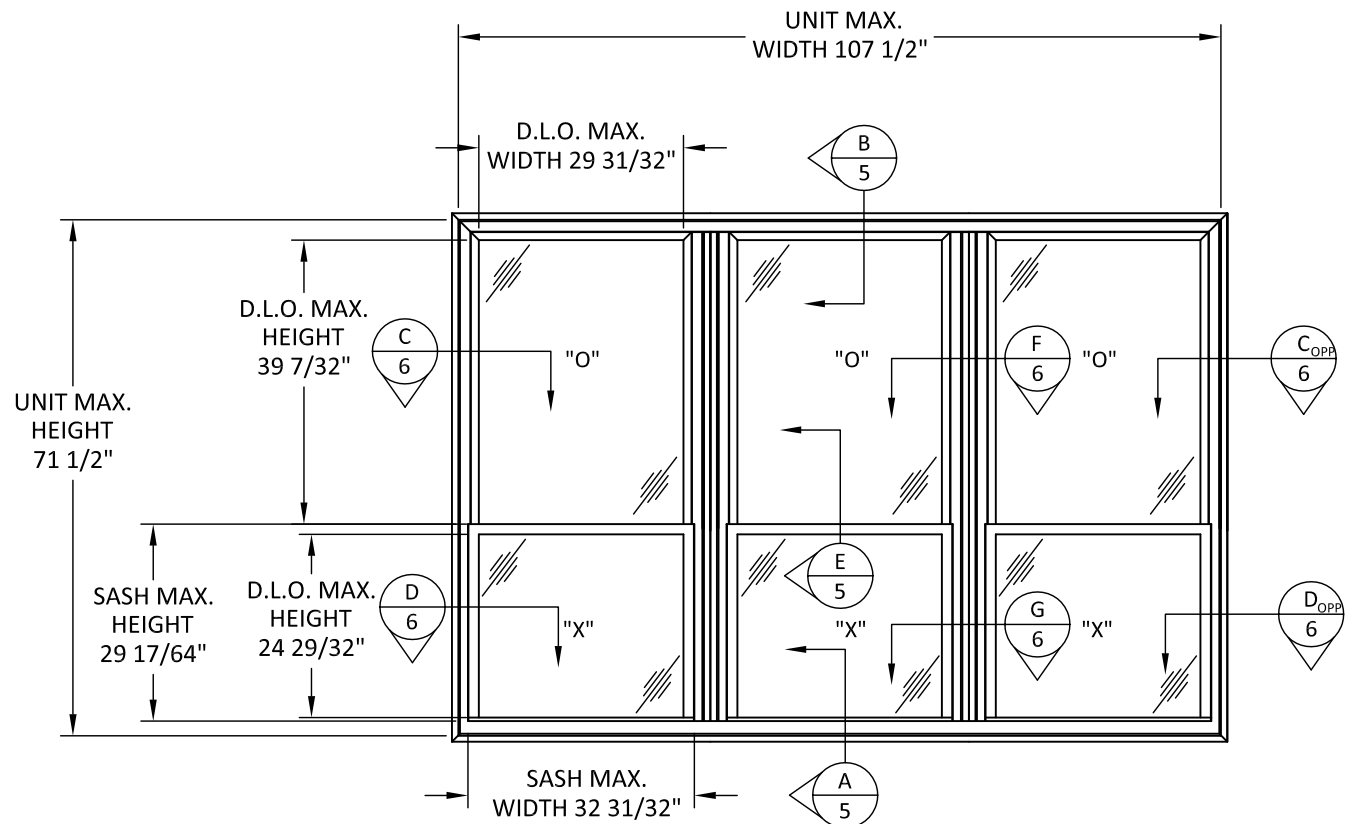
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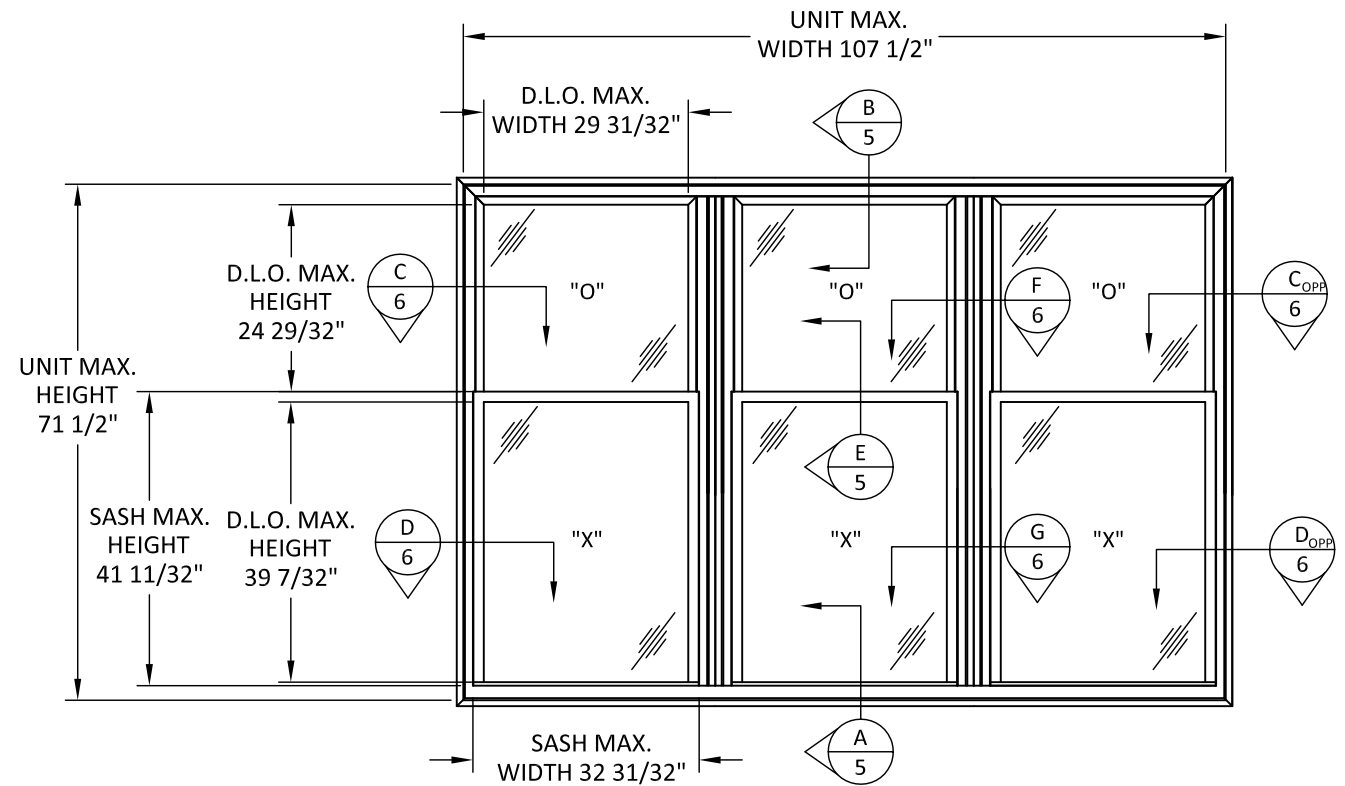
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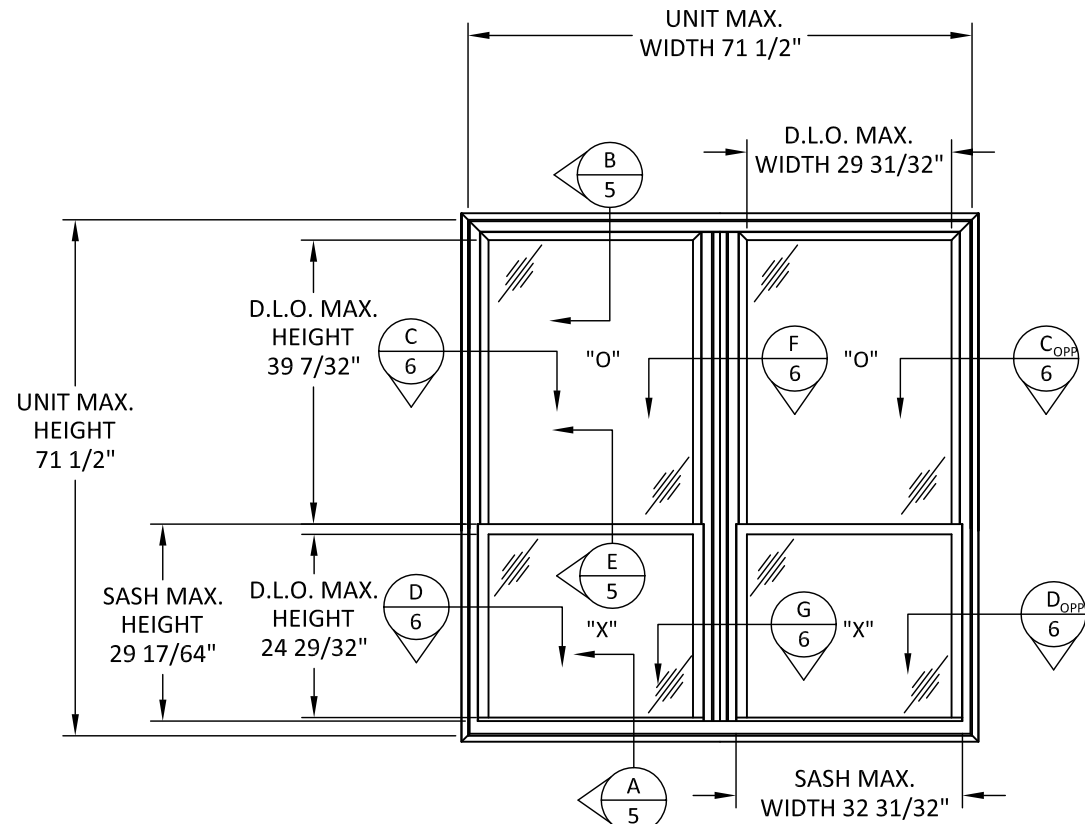
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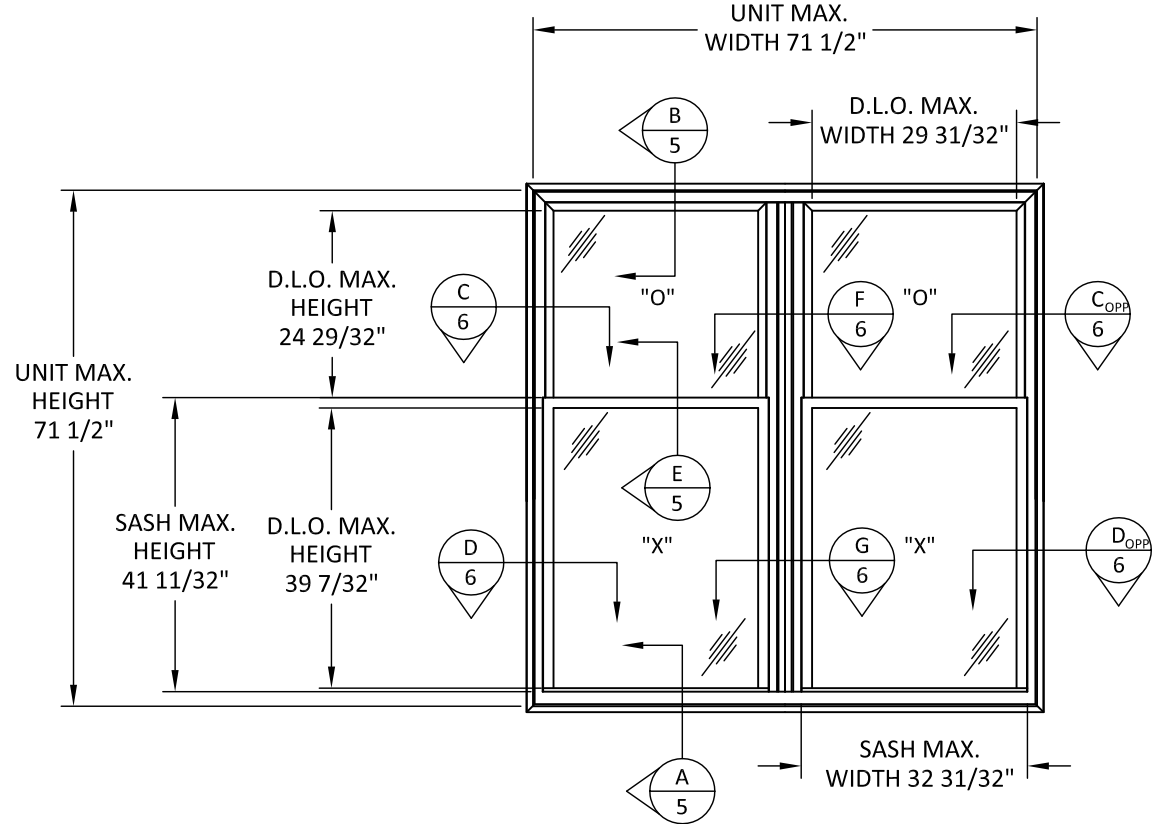
TYPICAL ELEVATION
TRIPLE SINGLE HUNG WINDOW (ORIEL)



TYPICAL ELEVATION
TRIPLE SINGLE HUNG WINDOW (COTTAGE)



TYPICAL ELEVATION
TWIN SINGLE HUNG WINDOW (ORIEL)



TYPICAL ELEVATION
TWIN SINGLE HUNG WINDOW (COTTAGE)



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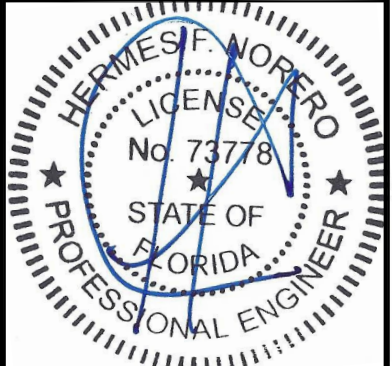
ELEVATIONS

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FBPE CERT. OF AUTHORIZATION No. 29578

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FL21451

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SCALE: **NTS**

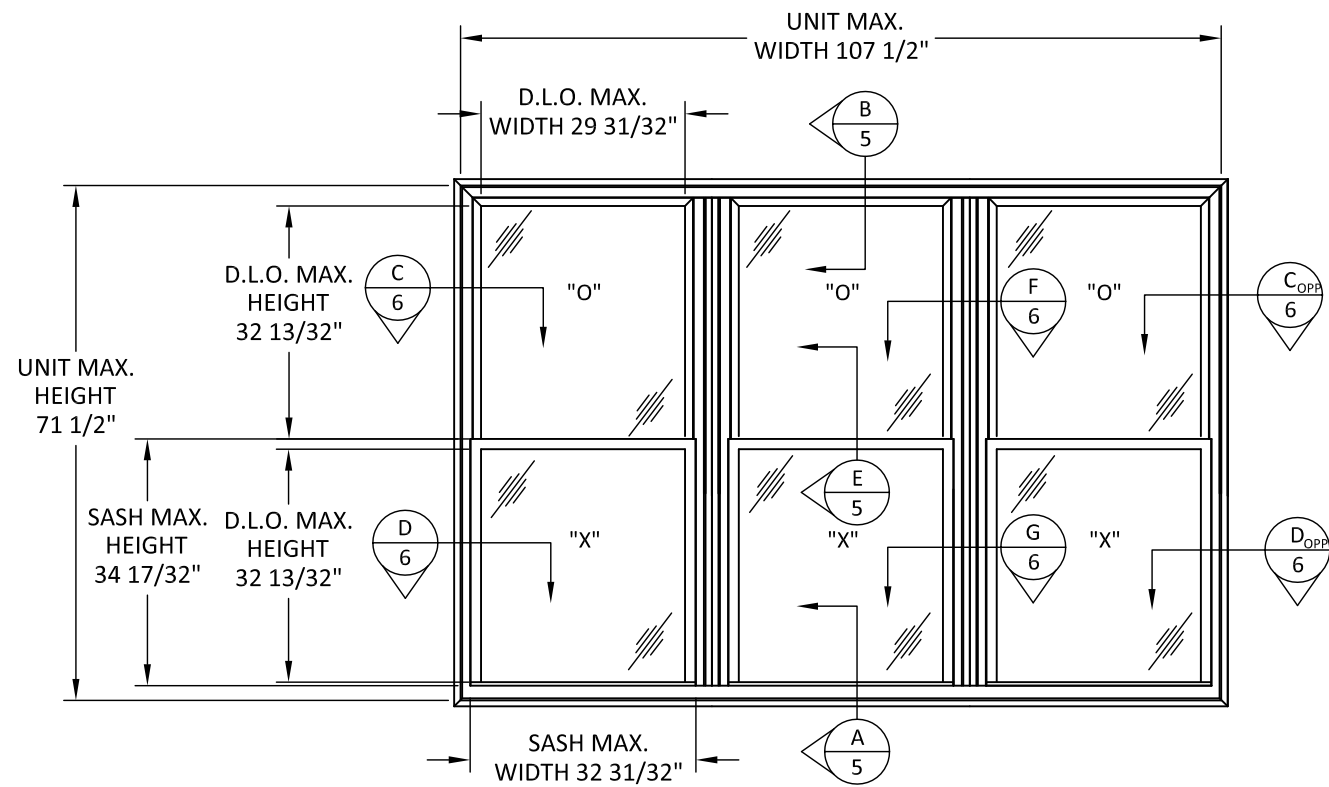
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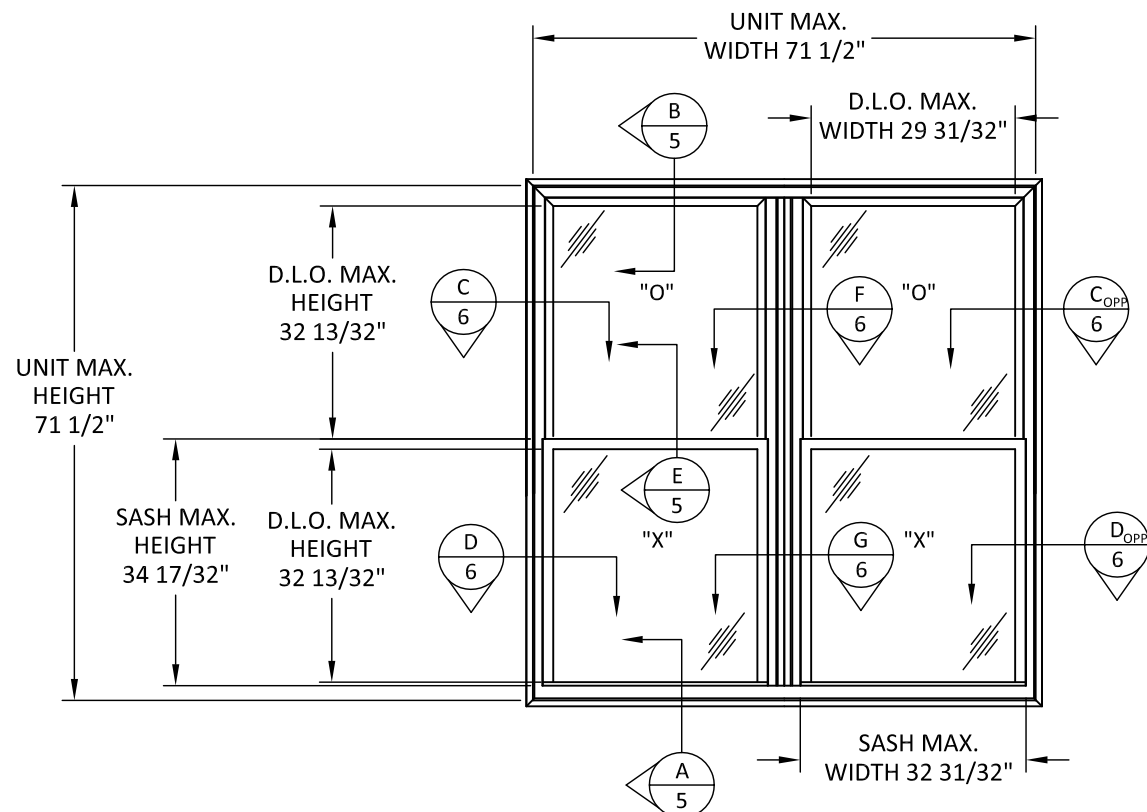
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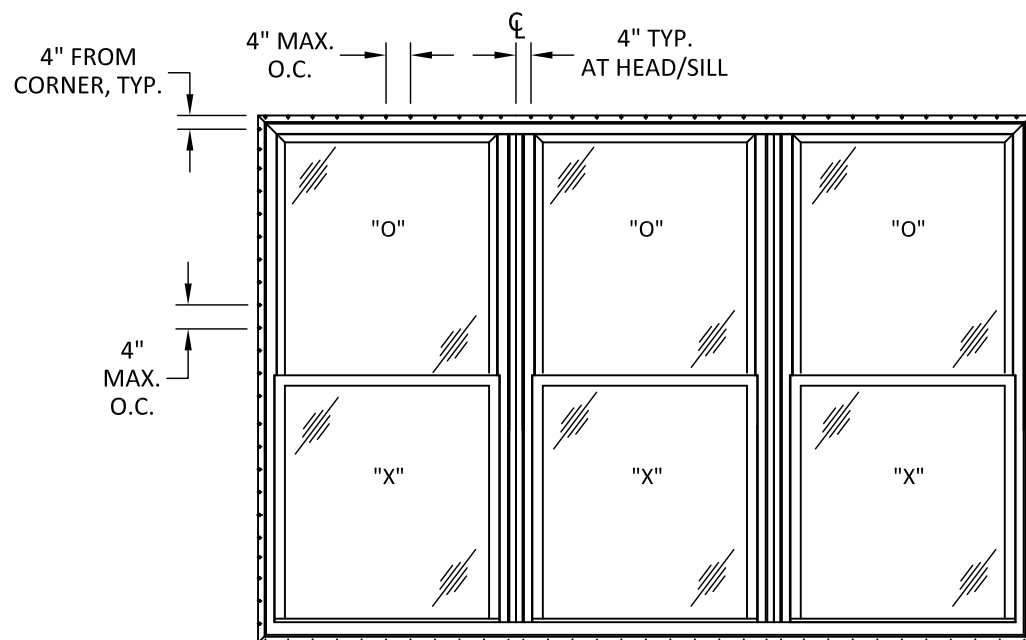
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TYPICAL ELEVATION
TRIPLE SINGLE HUNG WINDOW (EQUAL SASH)



TYPICAL ELEVATION
TWIN SINGLE HUNG WINDOW (EQUAL SASH)



ANCHOR LAYOUT
NAIL FIN INSTALLATION (EQUAL SASH)

NOTE:
TWIN SINGLE HUNG CONFIGURATION HAS SIMILAR ANCHOR LAYOUT AS TRIPLE SINGLE HUNG WINDOW.



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ELEVATIONS & ANCHOR LAYOUT

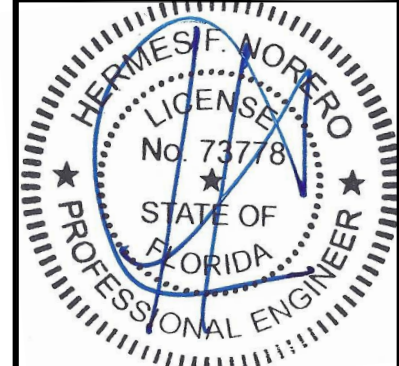
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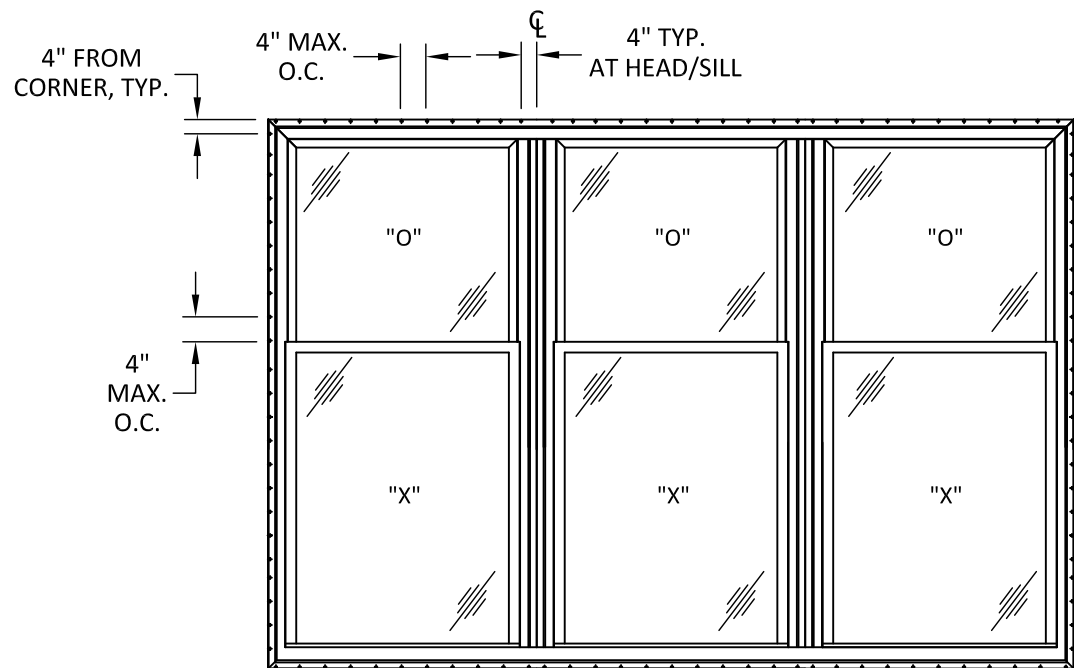
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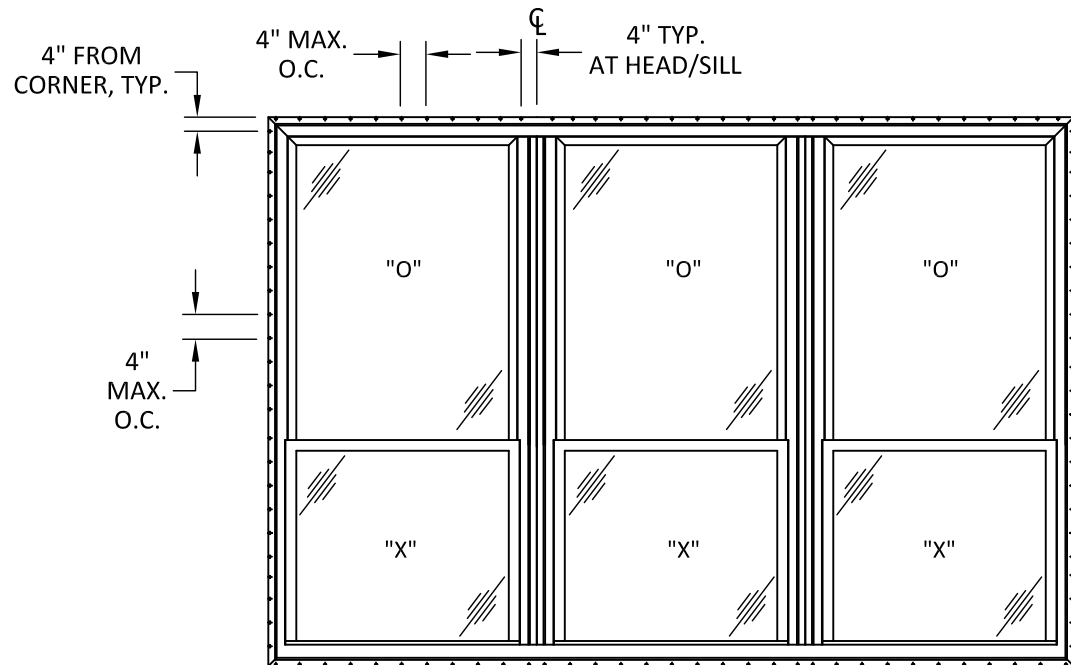
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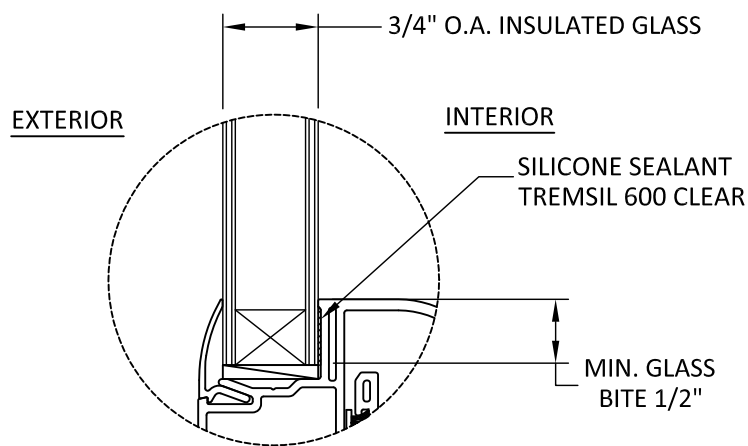
ANCHOR LAYOUT
NAIL FIN INSTALLATION (COTTAGE)

NOTE:
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ANCHOR LAYOUT
NAIL FIN INSTALLATION (ORIEL)

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR	MIN. EMBEDMENT	MIN. EDGE DISTANCE
NAIL FIN	MIN. S.G. = 0.55 WOOD	#10 WOOD SCREW	1.5"	0.75"
	18 GAUGE STEEL, MIN fy = 33 ksi	#10 GRADE 5 SELF-DRILLING OR SELF-TAPPING SCREW	3 THREADS PENETRATION BEYOND METAL	0.75"



GLAZING DETAIL

GLAZING NOTES:

- GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E1300 GLASS STRENGTH REQUIREMENTS.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- SETTING TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" PER FBC CHAPTER 24.
- ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CURRENT FBC.

INTERCEPT STAINLESS STEEL OR TIN PLATED SPACER:
AROUND THE PERIMETER OF THE GLASS

PRIMARY SEALANT:
POLYISOBUTYLENE (PIB)

SECONDARY SEALANT:
STRUCTURAL SILICONE INTENDED FOR FABRICATION OF INSULATED GLASS UNITS.



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ANCHOR LAYOUT & GLAZING DETAIL

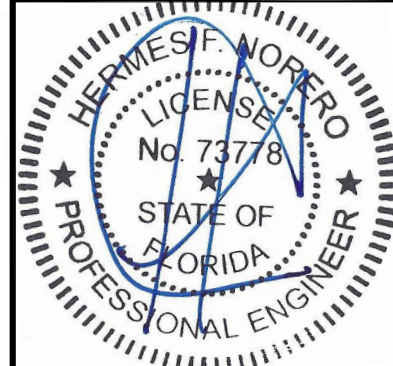
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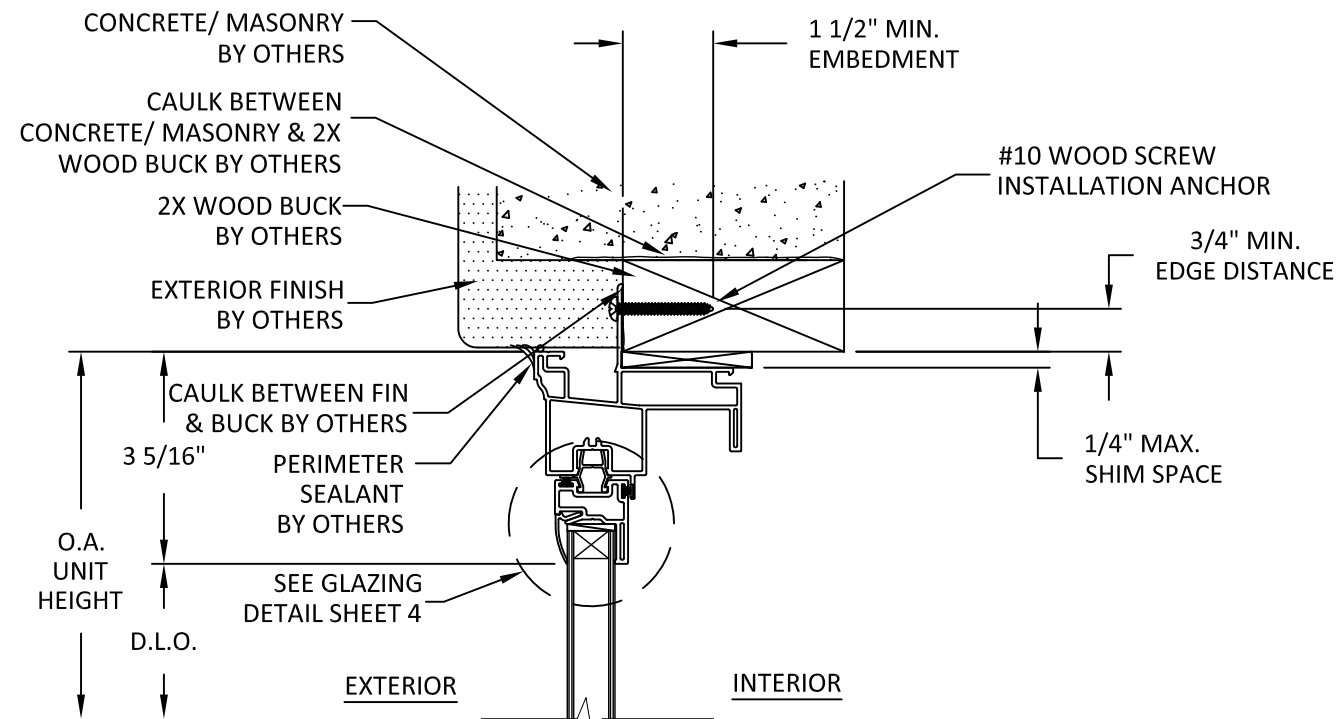


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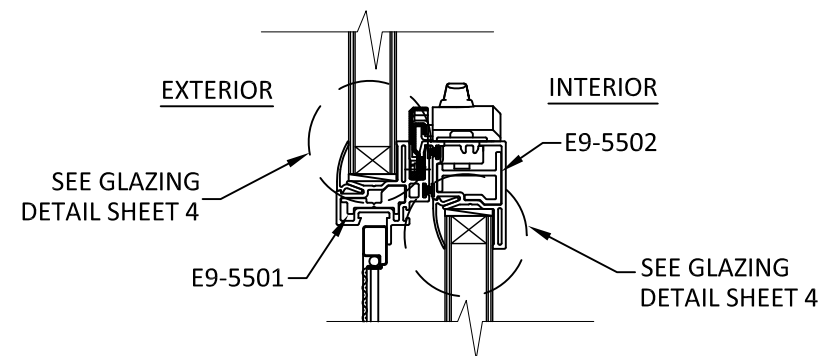
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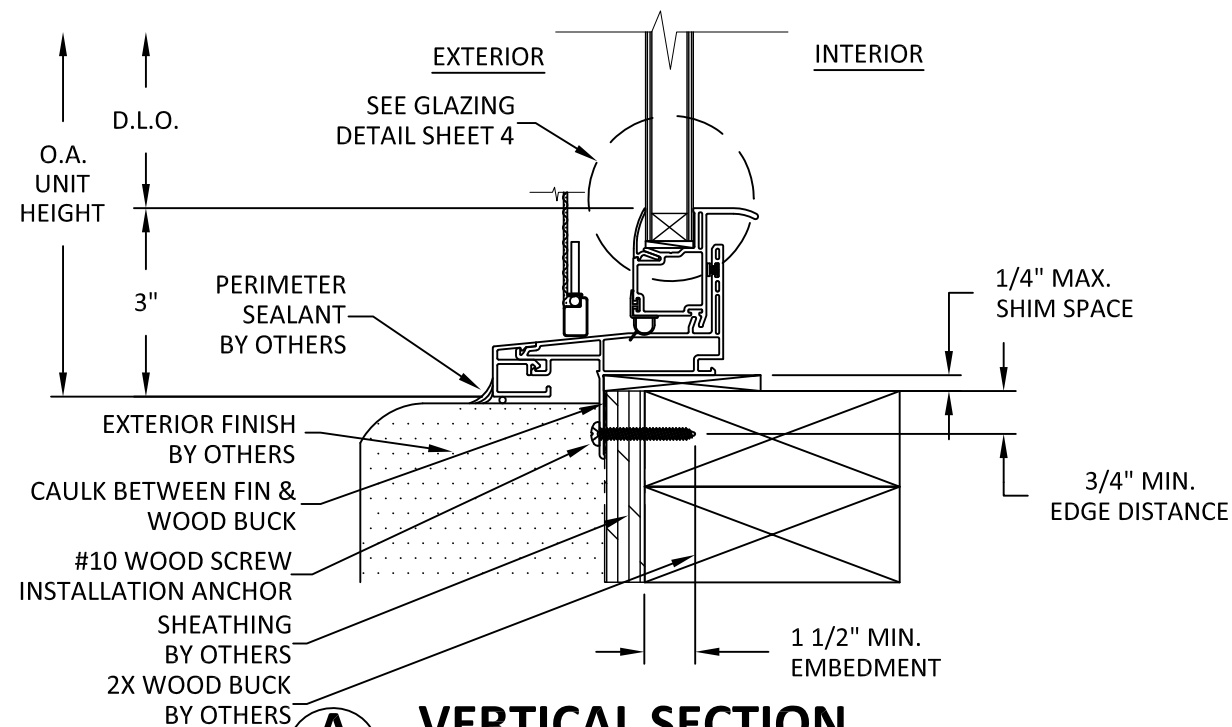
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B
5 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
NAIL FIN



E
5 **VERTICAL SECTION**
MEETING RAIL



A
5 **VERTICAL SECTION**
SILL - 2X WOOD FRAMING
NAIL FIN



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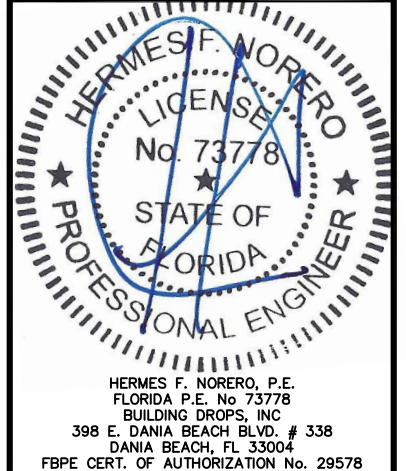
VERTICAL SECTIONS

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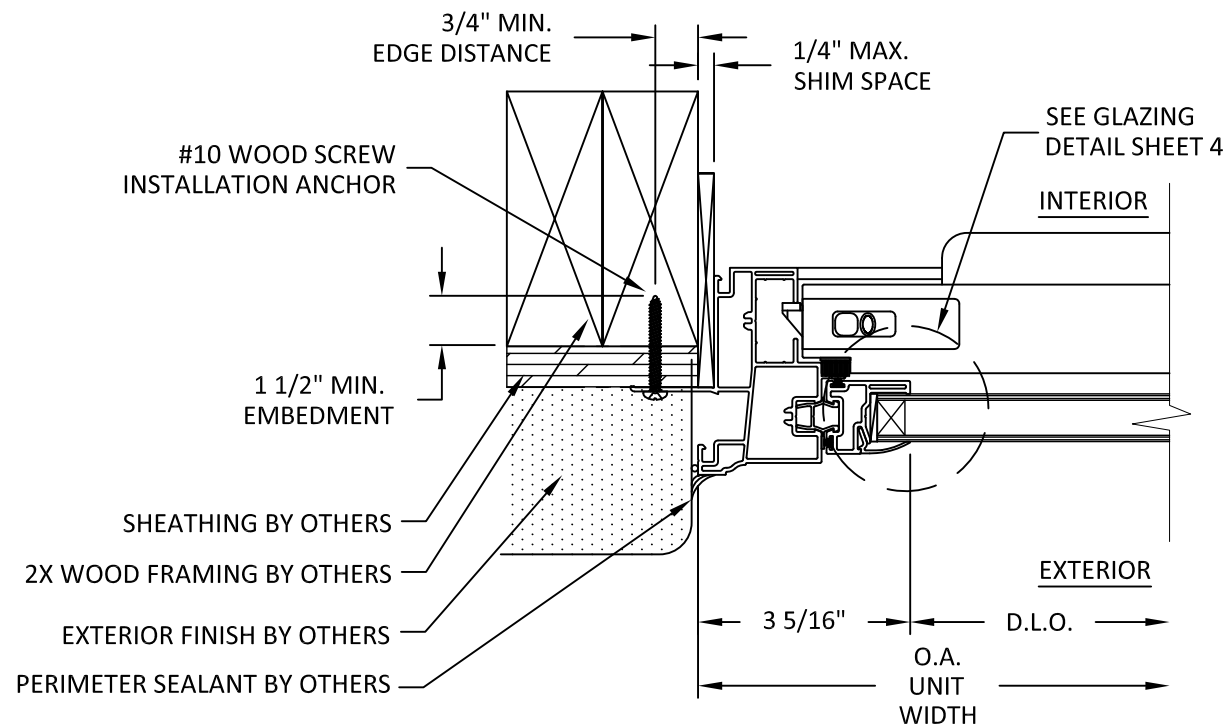
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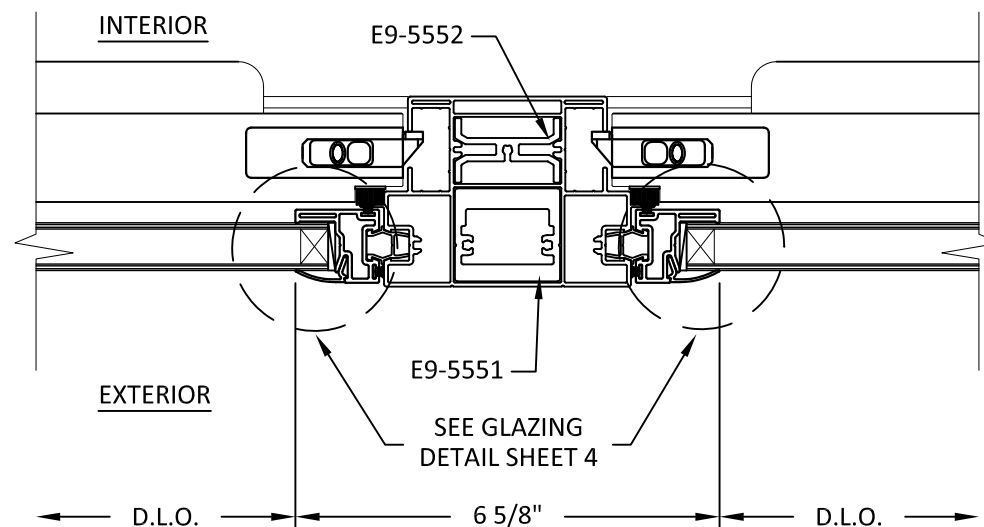
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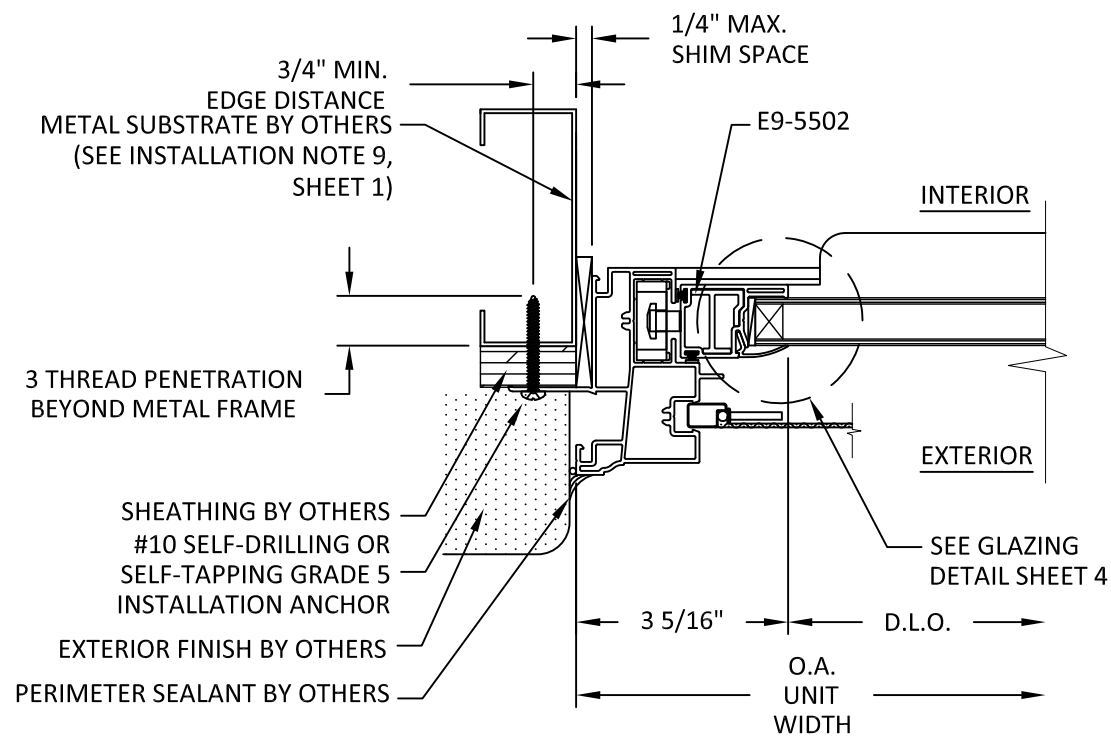
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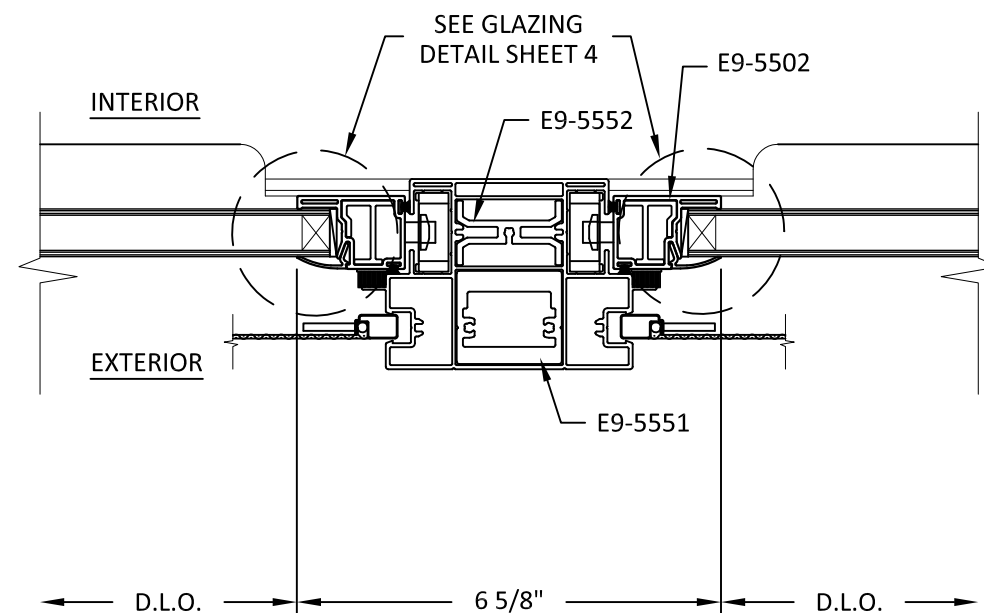
C
6 **HORIZONTAL SECTION**
FIXED JAMB - 2X WOOD FRAMING
NAIL FIN



F
6 **HORIZONTAL SECTION**
INTERMEDIATE FIXED LITE



D
6 **HORIZONTAL SECTION**
SASH JAMB - STEEL STUD
NAIL FIN



G
6 **HORIZONTAL SECTION**
INTERMEDIATE SASH JAMB



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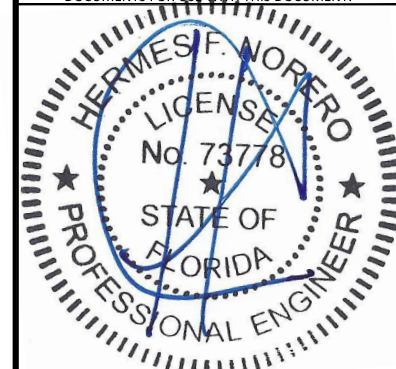
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