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YKK AP AMERICA RESIDENTIAL

STYLEGUARD DOUBLE HUNG WINDOW

(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.
- SHIM AS REQUIRED IN ORDER TO ACHIEVE SQUARE AND PLUMB 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.
- FINLESS INSTALLATION: FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FINLESS INSTALLATION: FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH ITW TAPCON OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
- FINLESS INSTALLATION: FOR INSTALLATION THROUGH STEEL STUD USE #10 SELF-DRILLING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND STEEL STRUCTURE.
- FIN INSTALLATION: FOR INSTALLATION INTO WOOD FRAMING USE #8 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FIN INSTALLATION: FOR INSTALLATION THROUGH STEEL STUD USE #8 SELF-DRILLING SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM PENETRATION BEYOND STEEL 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.
- 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.
- 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.

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/A440-17
- 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.
- 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.
- 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.
- 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 SHALL MEET ASTM E1300 REQUIREMENTS, SEE SHEET 3 FOR GLAZING DETAIL.

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5	NAIL FIN VERTICAL SECTION
6	NAIL FIN HORIZONTAL SECTION

UNIT DIMENSIONS			
CONFIGURATION	DESIGN PRESSURE	MAX. FRAME SIZE	MISSILE IMPACT RATING
X/X	+50 / -50 PSF	44" x 76"	NON-IMPACT RATED
X/X	+50 / -50 PSF	52" x 62"	NON-IMPACT RATED



YKK AP AMERICA RESIDENTIAL
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TITLE:
STYLEGUARD DOUBLE HUNG WINDOW
(NON-HVHZ) (NON-IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

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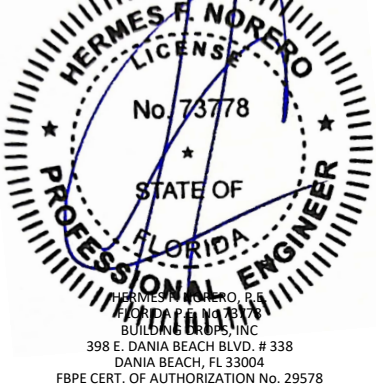
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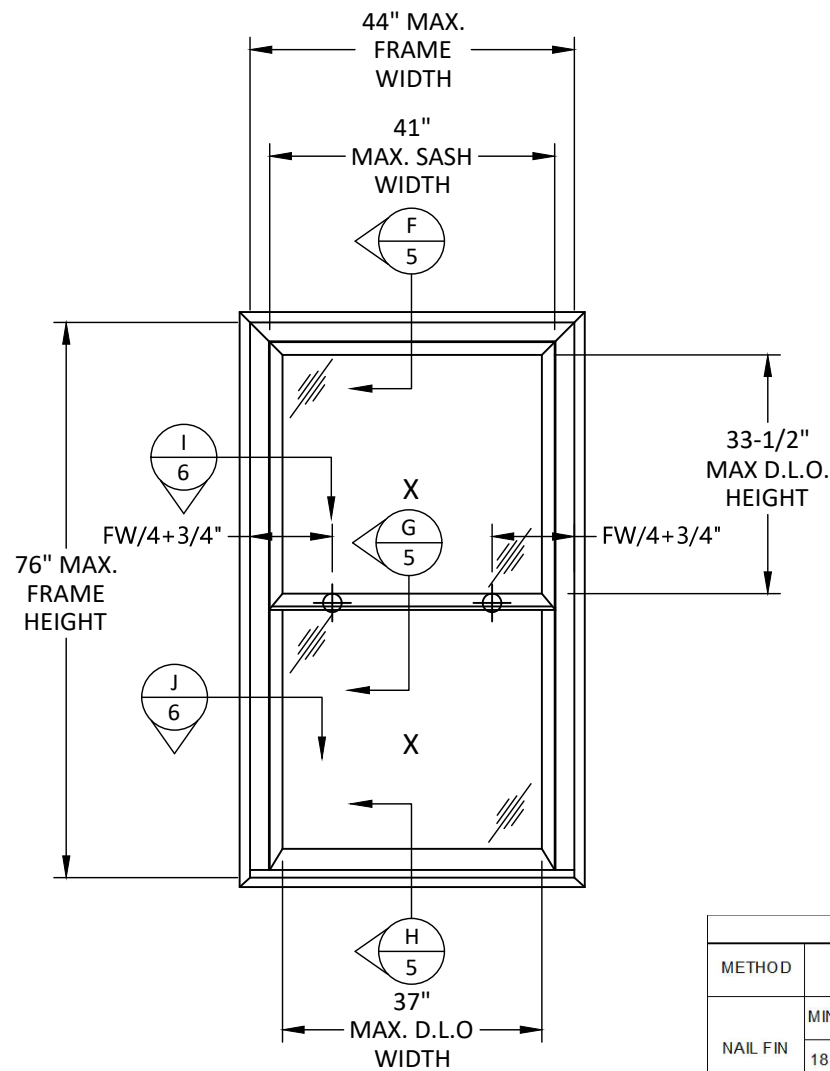
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Reason: I am approving this document
Date: 2023.11.09 11:11:11 AM -0500'

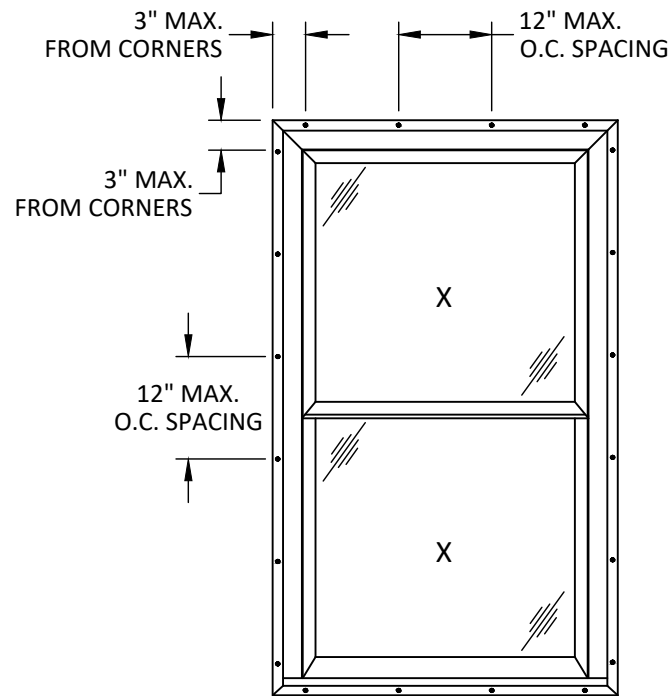


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SCALE:	NTS
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SHEET:	1
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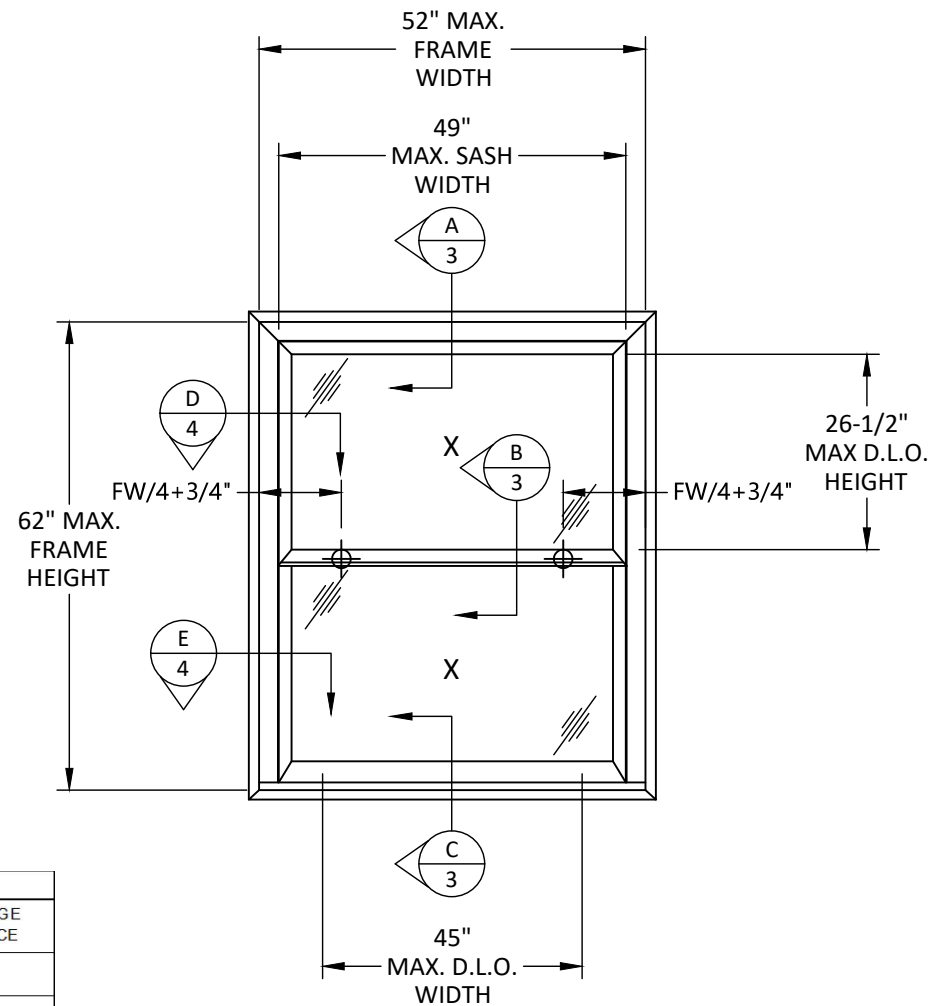
**ELEVATION
NAIL FIN**



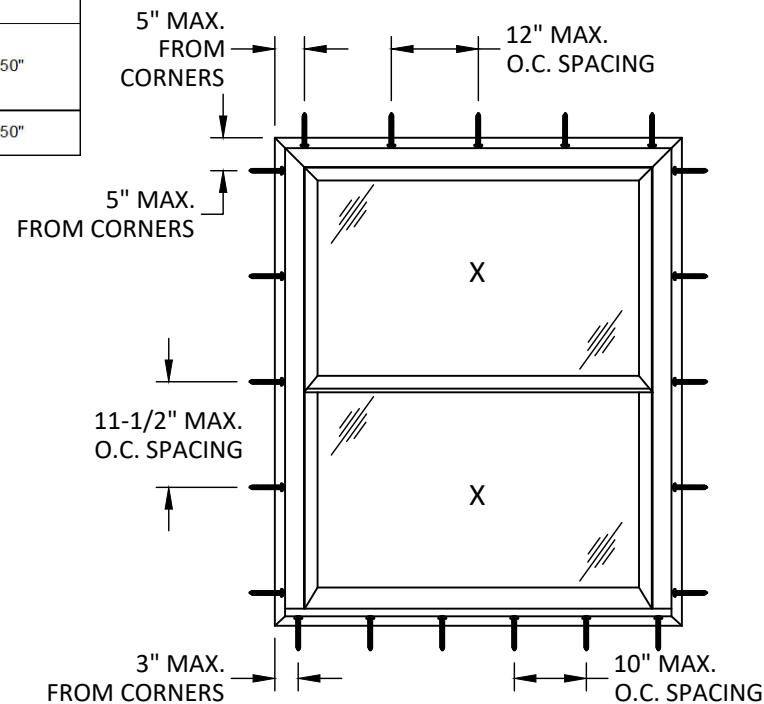
**ANCHOR LAYOUT
NAIL FIN**

⊕ INDICATE LOCK LOCATION
EACH LOCK IS (FW/4+3/4") FROM EDGE

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR	MIN. EMBEDMENT	MIN. EDGE DISTANCE
NAIL FIN	MIN. S.G. = 0.55 WOOD	#10 WOOD SCREW	1.50"	0.75"
	18 GAUGE STEEL, MIN fy = 33 ksi	#10 SELF-DRILLING SCREW	3 THREADS PENETRATION BEYOND METAL	0.75"
THROUGH FRAME	MIN. S.G. = 0.55 WOOD	#10 WOOD SCREW	1.50"	0.75"
	18 GAUGE STEEL, MIN fy = 33 ksi	#10 SELF-DRILLING SCREW	3 THREADS PENETRATION BEYOND METAL	0.75"
	CONCRETE, MIN. COMPRESSIVE STRENGTH OF 3000 psi	3/16" ITW TAPCON	1.25"	2.50"
	CMU. PER ASTM C90	3/16" ITW TAPCON	1.25"	2.50"



**ELEVATION
THROUGH FRAME**



**ANCHOR LAYOUT
THROUGH FRAME**



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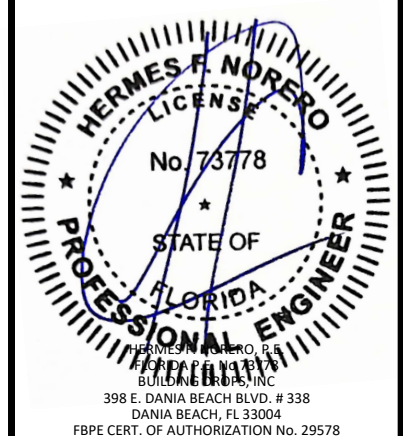
ELEVATION & ANCHOR SCHEDULE

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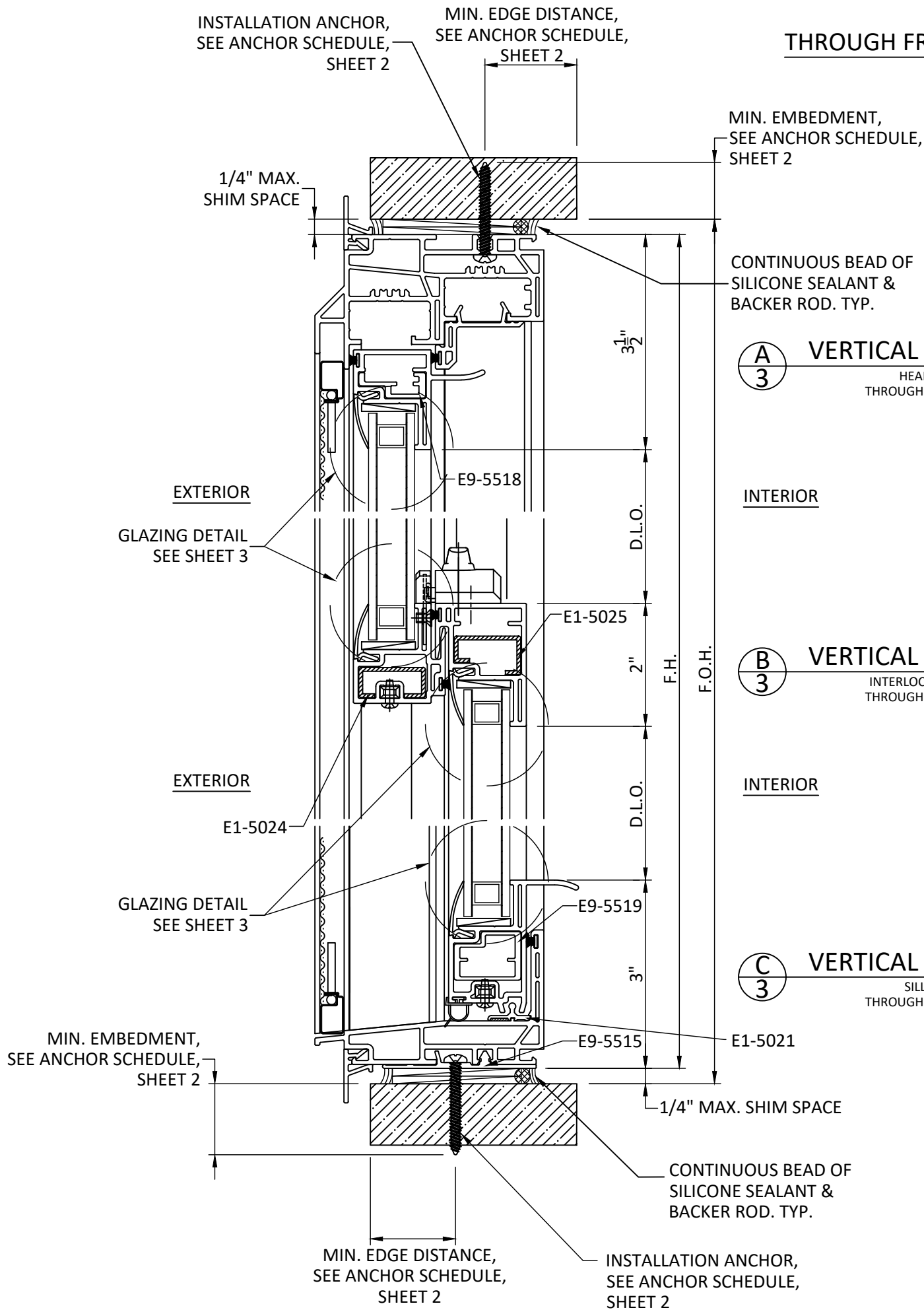
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SHEET:	2

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THROUGH FRAME ANCHORING

MIN. EMBEDMENT,
SEE ANCHOR SCHEDULE,
SHEET 2

CONTINUOUS BEAD OF
SILICONE SEALANT &
BACKER ROD. TYP.

A
3 VERTICAL SECTION
HEAD
THROUGH FRAME

INTERIOR

B
3 VERTICAL SECTION
INTERLOCK RAIL
THROUGH FRAME

INTERIOR

C
3 VERTICAL SECTION
SILL
THROUGH FRAME

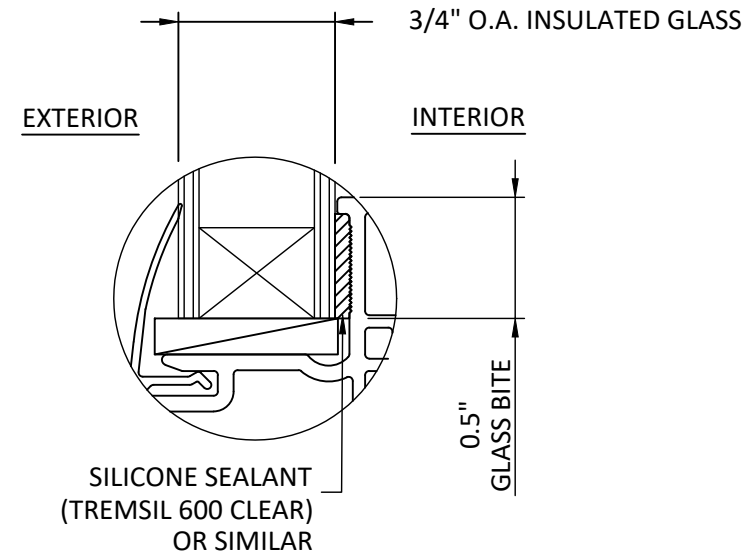
E1-5021

1/4" MAX. SHIM SPACE

CONTINUOUS BEAD OF
SILICONE SEALANT &
BACKER ROD. TYP.

MIN. EDGE DISTANCE,
SEE ANCHOR SCHEDULE,
SHEET 2

INSTALLATION ANCHOR,
SEE ANCHOR SCHEDULE,
SHEET 2



GLAZING DETAIL

GLAZING NOTES:

1. GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E1300 GLASS STRENGTH REQUIREMENTS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCK TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" PER FBC CHAPTER 24.
4. 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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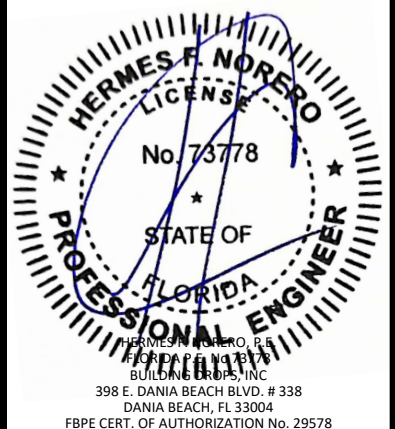
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(NON-HVHZ) (NON-IMPACT)
THROUGH FRAME VERTICAL SECTION
& GLAZING DETAIL

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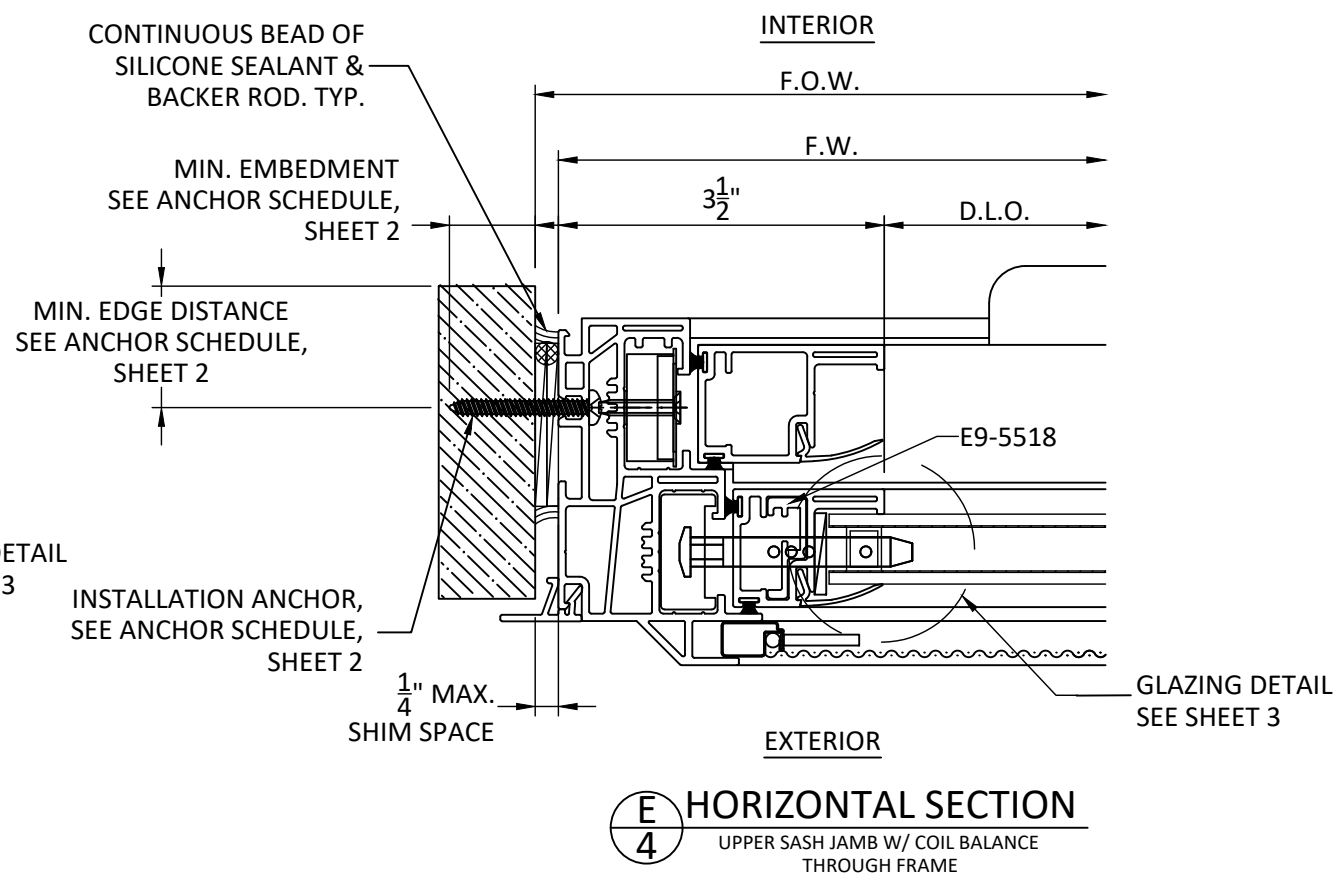
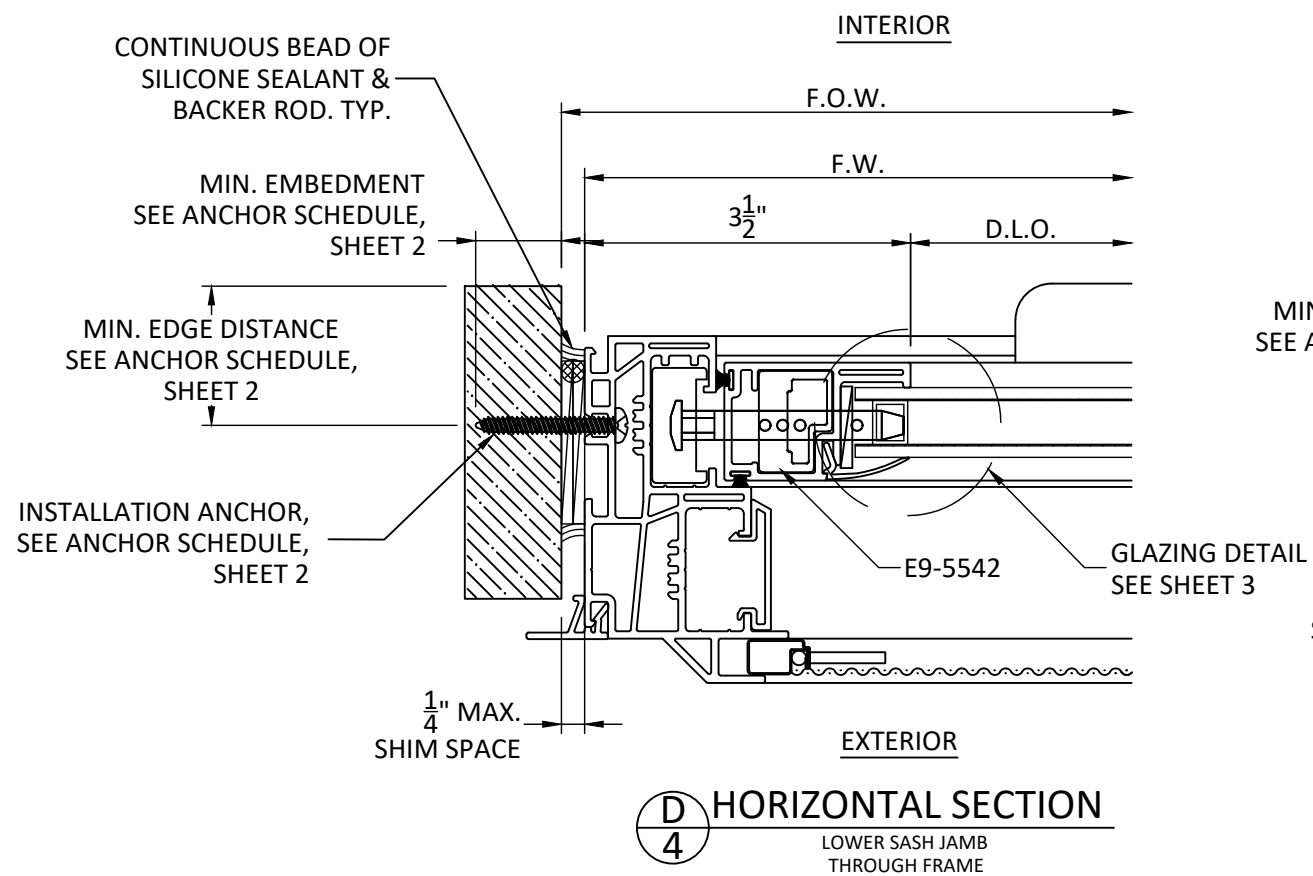
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SHEET:	3

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THROUGH FRAME ANCHORING



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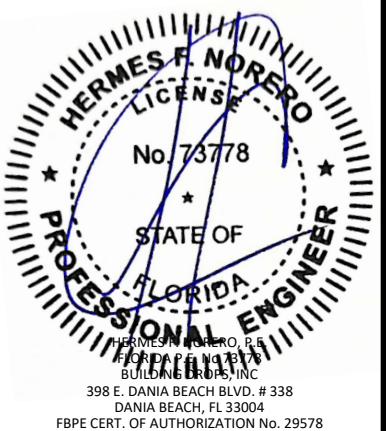
TITLE: STYLEGUARD DOUBLE HUNG WINDOW (NON-HVHZ) (NON-IMPACT) THROUGH FRAME HORIZONTAL SECTIONS

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NAIL FIN VERTICAL SECTION & GLAZING DETAILS

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SCALE: **NTS**

DWG. #: YKK145

SHEET:

5

OF 6

MIN. EMBEDMENT, SEE ANCHOR SCHEDULE, SHEET 2

INSTALLATION ANCHOR, SEE ANCHOR SCHEDULE, SHEET 2

CONTINUOUS BEAD OF SILICONE SEALANT & BACKER ROD. TYP.

1/4" MAX. SHIM SPACE

MIN. EDGE DISTANCE, SEE ANCHOR SCHEDULE, SHEET 2

3 1/2"

E9-5518

EXTERIOR

GLAZING DETAIL SEE SHEET 3

D.L.O.

INTERIOR

E1-5025

2"

F.H.

F.O.H.

D.L.O.

E1-5024

EXTERIOR

GLAZING DETAIL SEE SHEET 3

INTERIOR

E9-5542

3"

E1-5021

MIN. EDGE DISTANCE, SEE ANCHOR SCHEDULE, SHEET 2

1/4" MAX. SHIM SPACE

CONTINUOUS BEAD OF SILICONE SEALANT & BACKER ROD. TYP.

INSTALLATION ANCHOR, SEE ANCHOR SCHEDULE, SHEET 2

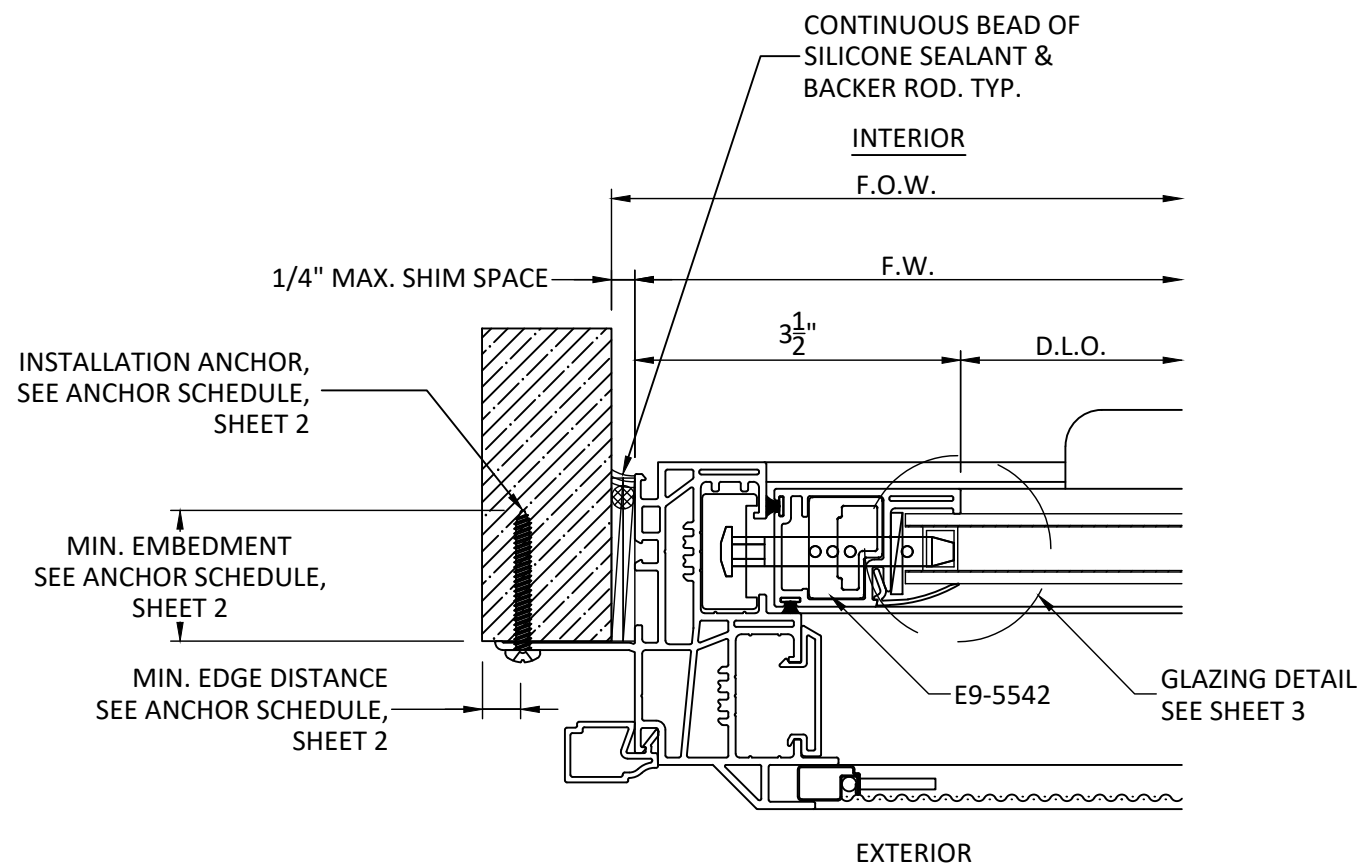
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F 5

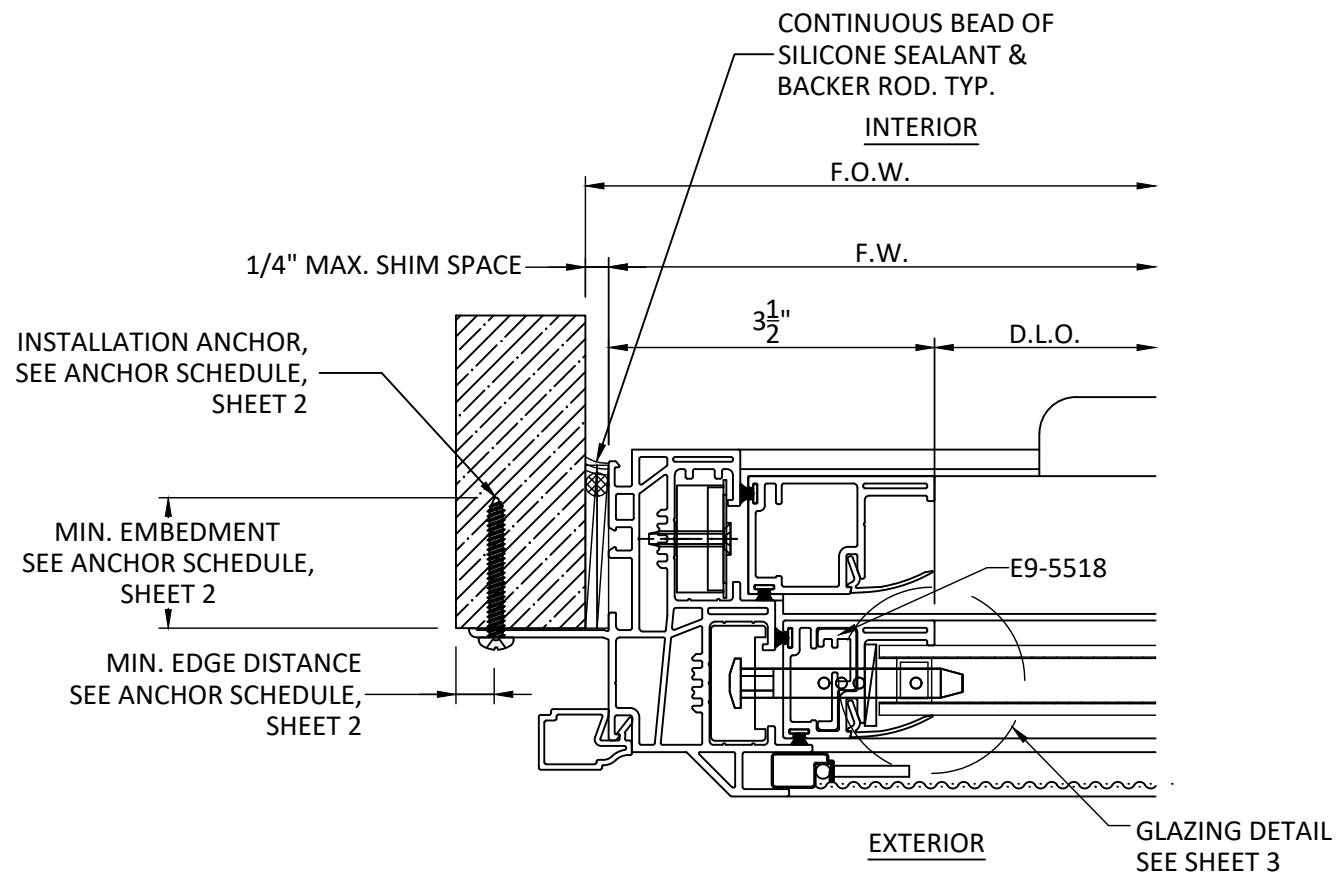
G 5

H 5

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I
6 HORIZONTAL SECTION
LOWER SASH JAMB
NAIL FIN



J
6 HORIZONTAL SECTION
UPPER SASH JAMB W/ COIL BALANCE
NAIL FIN

NAIL FIN ANCHORING



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NAIL FIN HORIZONTAL SECTIONS

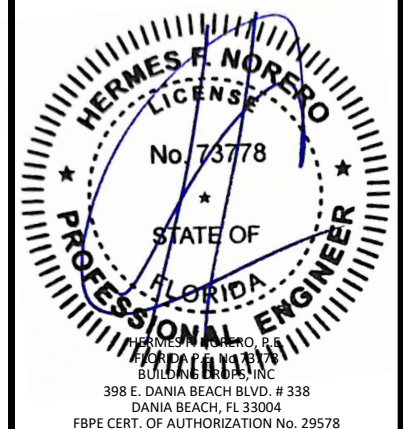
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