

YKK AP AMERICA RESIDENTIAL

STYLEGUARD FIXED WINDOW

(HVHZ) (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 THROUGH FRAME INSTALLATION, SHIM AS NEEDED 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.
- FOR NAIL FIN INSTALLATION, SHIM AS NEEDED TO ACHIEVE A PLUMB AND SQUARE INSTALLATION. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4". SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FOR INSTALLATION INTO METAL STUD USE #10 SELF-DRILLING SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
- FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH DIAMETER ITW TAPCON OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
- 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.
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - ASTM E1886-19
 - ASTM E1996-20
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- 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. IN HVHZ AREAS, ONE TIME PRODUCT APPROVAL TO BE OBTAINED FROM MIAMI-DADE RER.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: PVC
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
 - X: OPERABLE SASH
 - O: FIXED SASH
- GLAZING MEETS ASTM E1300 REQUIREMENTS, SEE SHEET 2 FOR GLAZING DETAILS.

TABLE OF CONTENTS	
SHEET	SHEET DESCRIPTION
1	INSTALLATION & GENERAL NOTES
2	GLAZING DETAILS
3	NAIL FIN ELEVATION & ANCHOR SCHEDULE
4	NAIL FIN VERTICAL SECTIONS
5	NAIL FIN HORIZONTAL SECTIONS
6	TROUGH FRAME ELEVATION & ANCHOR SCHEDULE
7	THROUGH FRAME VERTICAL SECTIONS
8	THROUGH FRAME HORIZONTAL SECTIONS

CONFIGURATION	DESIGN PRESSURE	FRAME MAXIMUM SIZE	MISSILE IMPACT RATING
O	+50 / -50 PSF	50" x 78"	LARGE MISSILE IMPACT RATED



YKK AP AMERICA RESIDENTIAL
101 MARIETTA STREET NW, SUITE 2100
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PH: (866) 348-9091

TITLE:

STYLEGUARD FIXED WINDOW (HVHZ)(IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

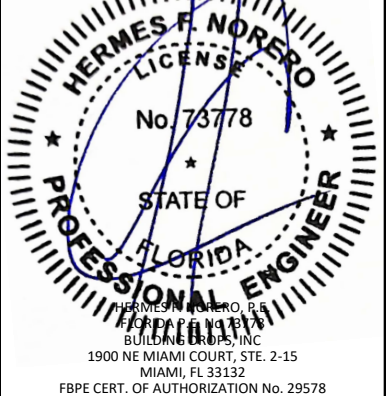
BUILDING DROPS, INC.
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BUILDING DROPS

REMARKS	BY	DATE
FBC CODE CHANGE	FB	09.07.23
GLASS ADDITION	SH	11.18.24

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Reason: I am approving this document
Date: 2024.11.19 14:51:30 -05'00'



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CHK. BY:

HFN

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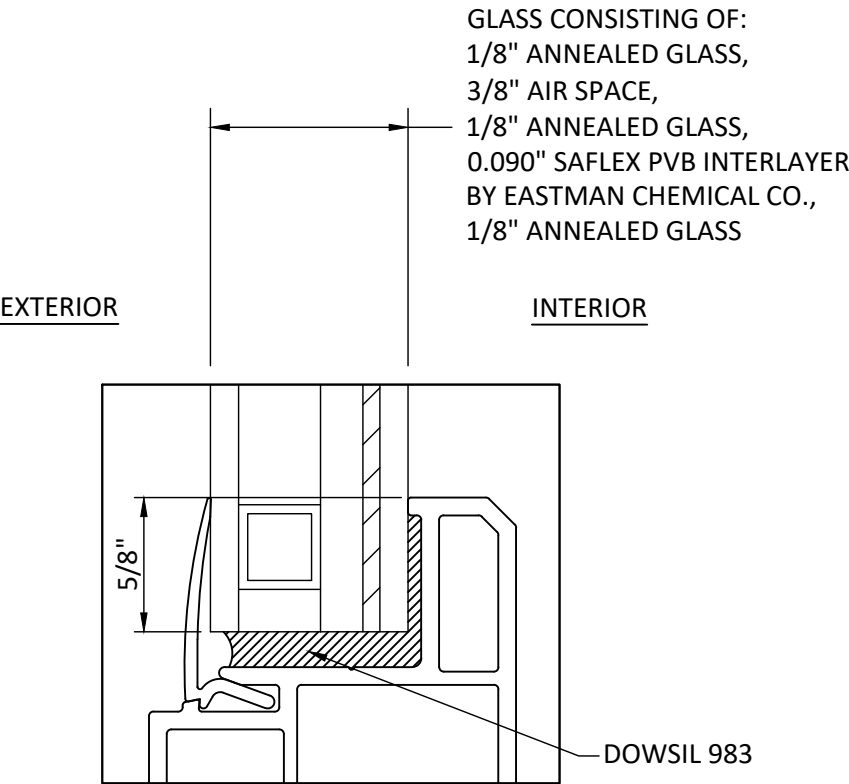
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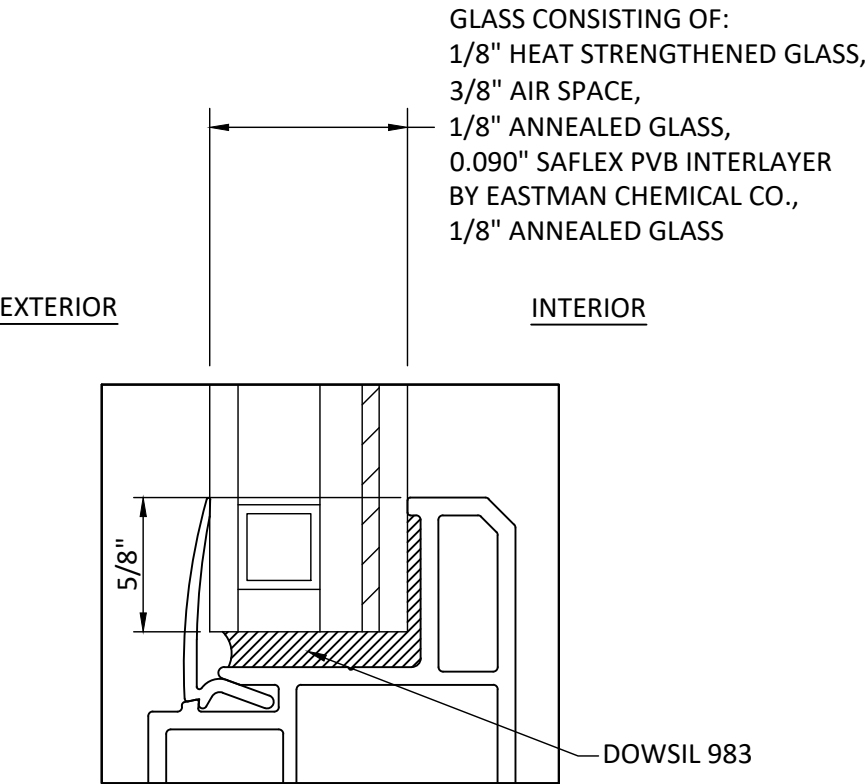
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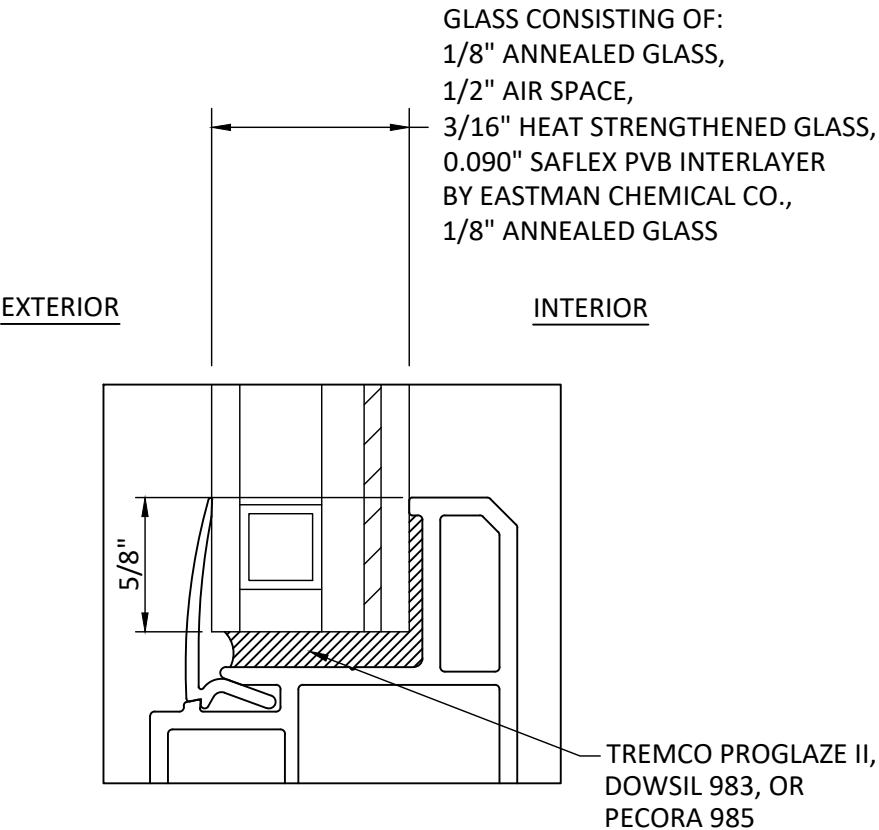


GLAZING DETAIL - G1

NOTE: G1 LIMITED TO 50" X 73"
MAX. FRAME SIZE.



GLAZING DETAIL - G2



GLAZING DETAIL - G3

GLAZING NOTES:

- GLASS THICKNESS AND TYPE COMPLIES WITH ASTM E1300 GLASS STRENGTH REQUIREMENTS.
- SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
- SETTING BLOCK 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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GLAZING DETAILS

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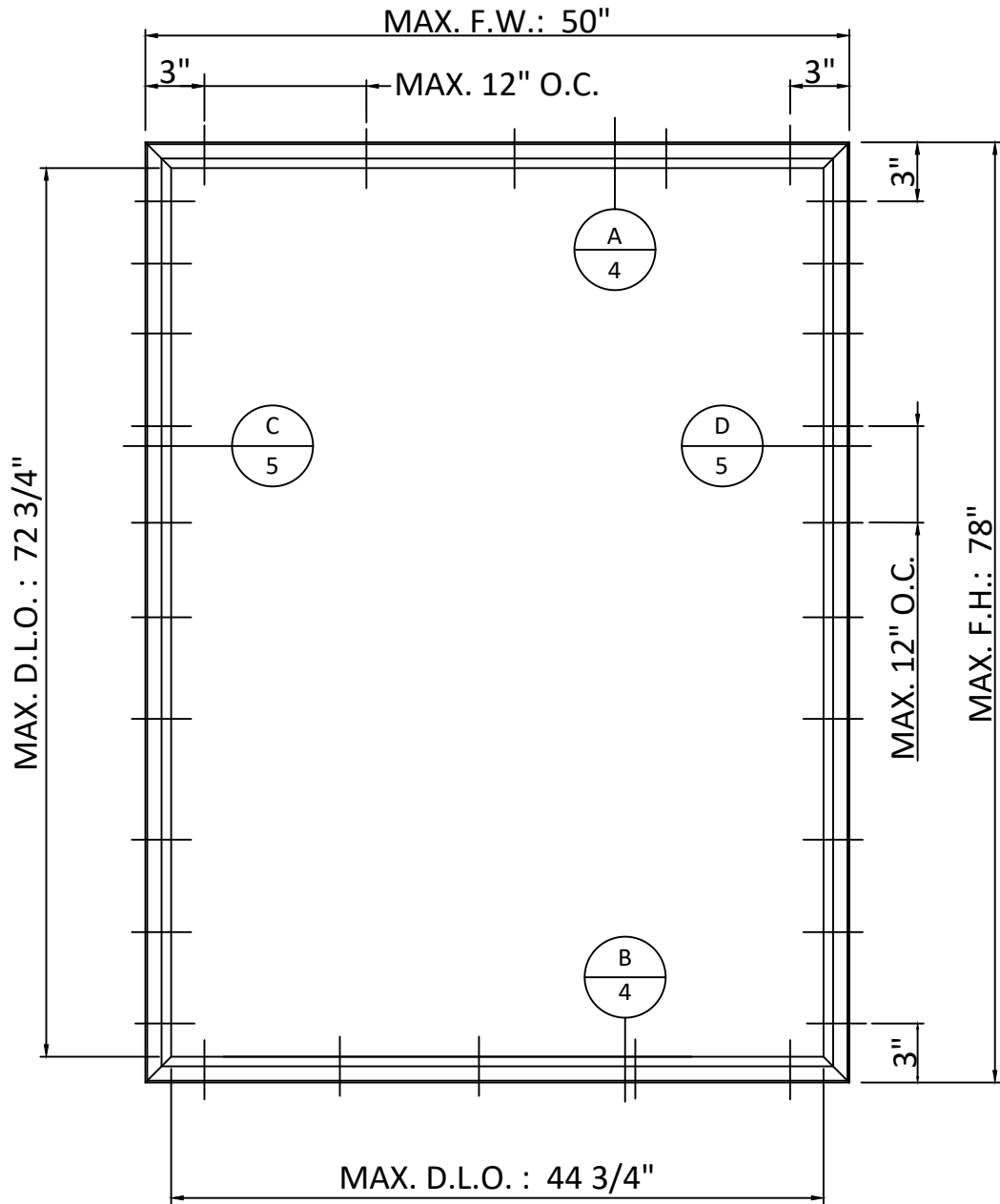
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HERMES F. NORERO
LICENSE
No. 73778
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

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FBPE CERT. OF AUTHORIZATION No. 29578

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DWG. #:	YKK124
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NAIL FIN

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 SLEF-DRILLING SCREW	3 THREADS PENETRATIONS BEYOND METAL	0.75"



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NAIL FIN ELEVATION &
ANCHOR SCHEDULE

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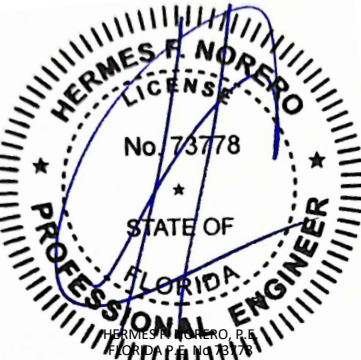
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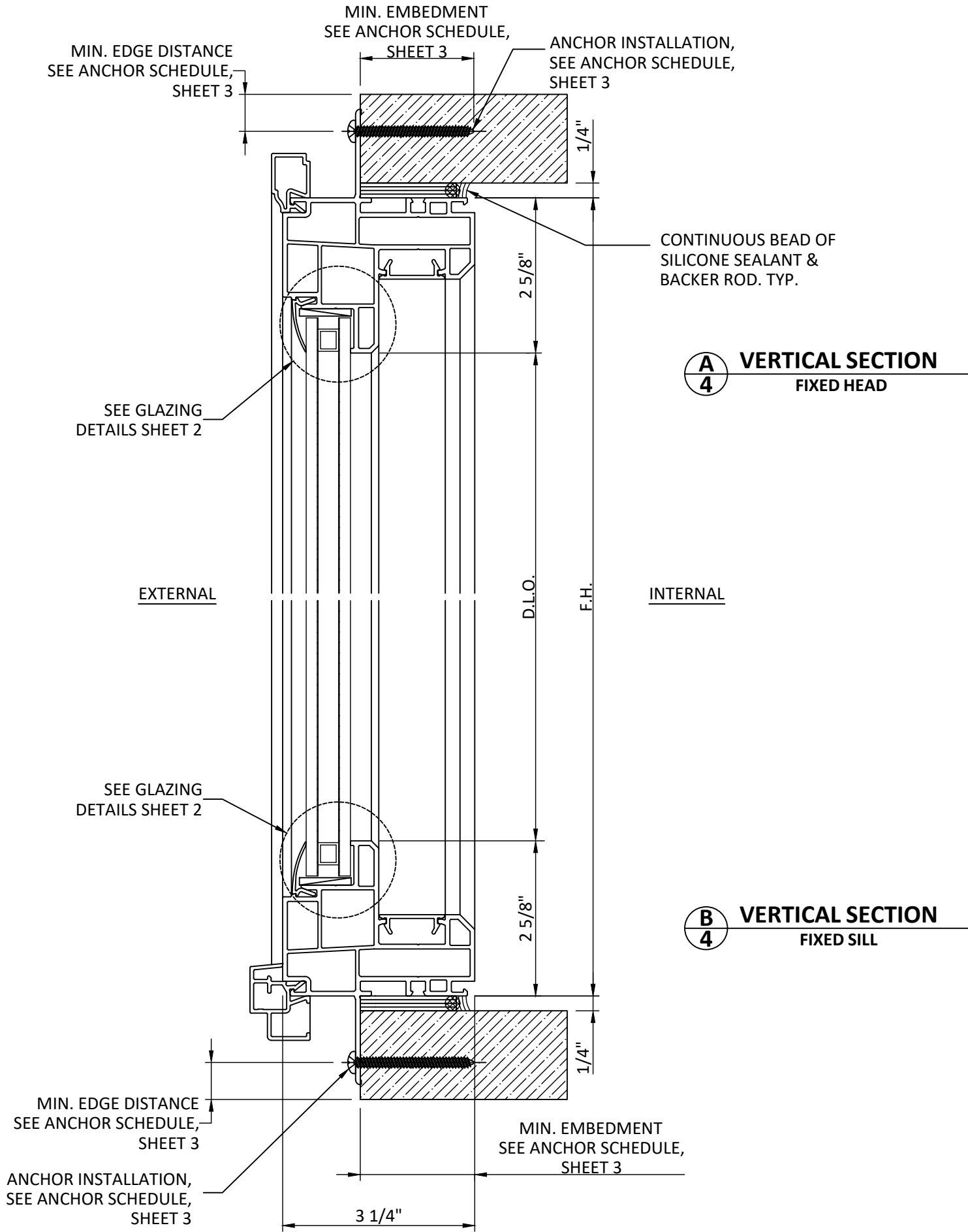
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NAIL FIN



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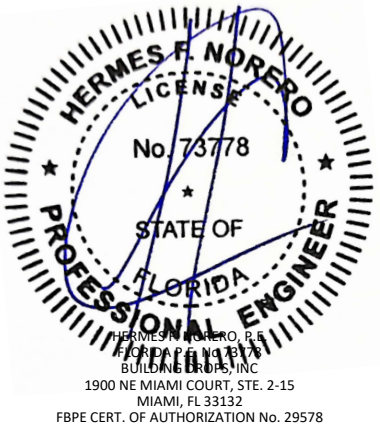
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STYLEGUARD FIXED WINDOW
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NAIL FIN VERTICAL SECTIONS

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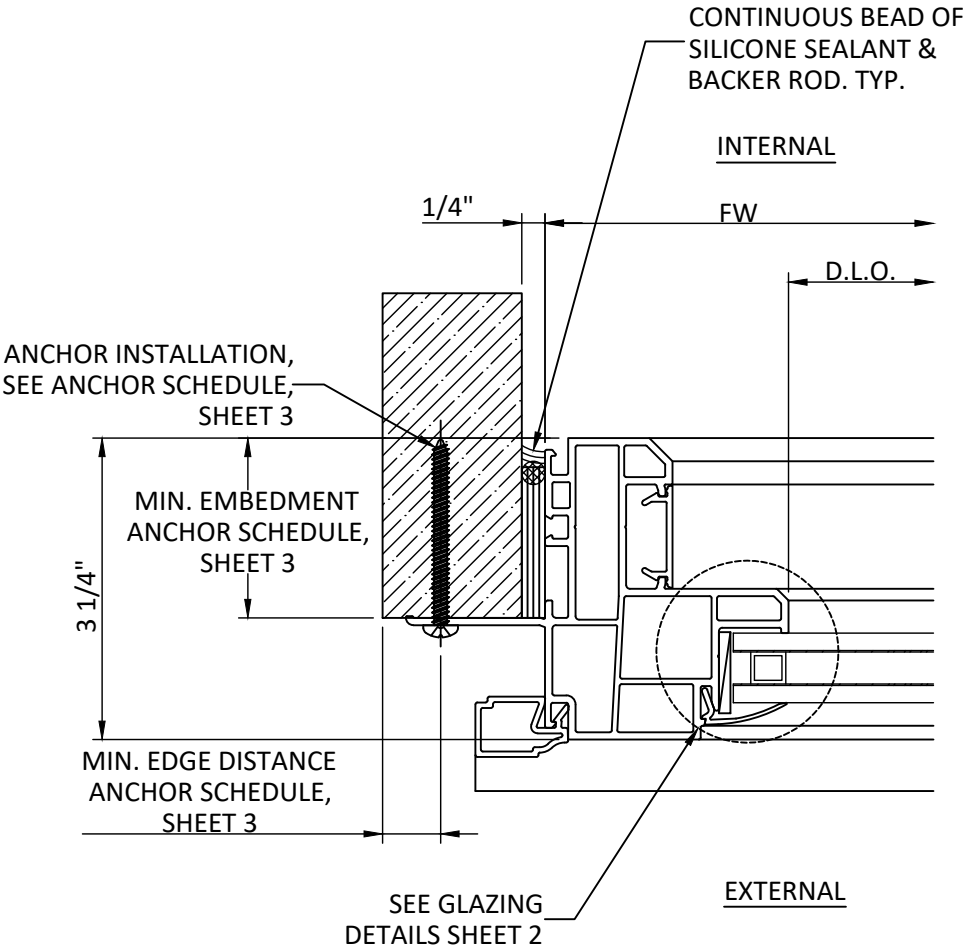
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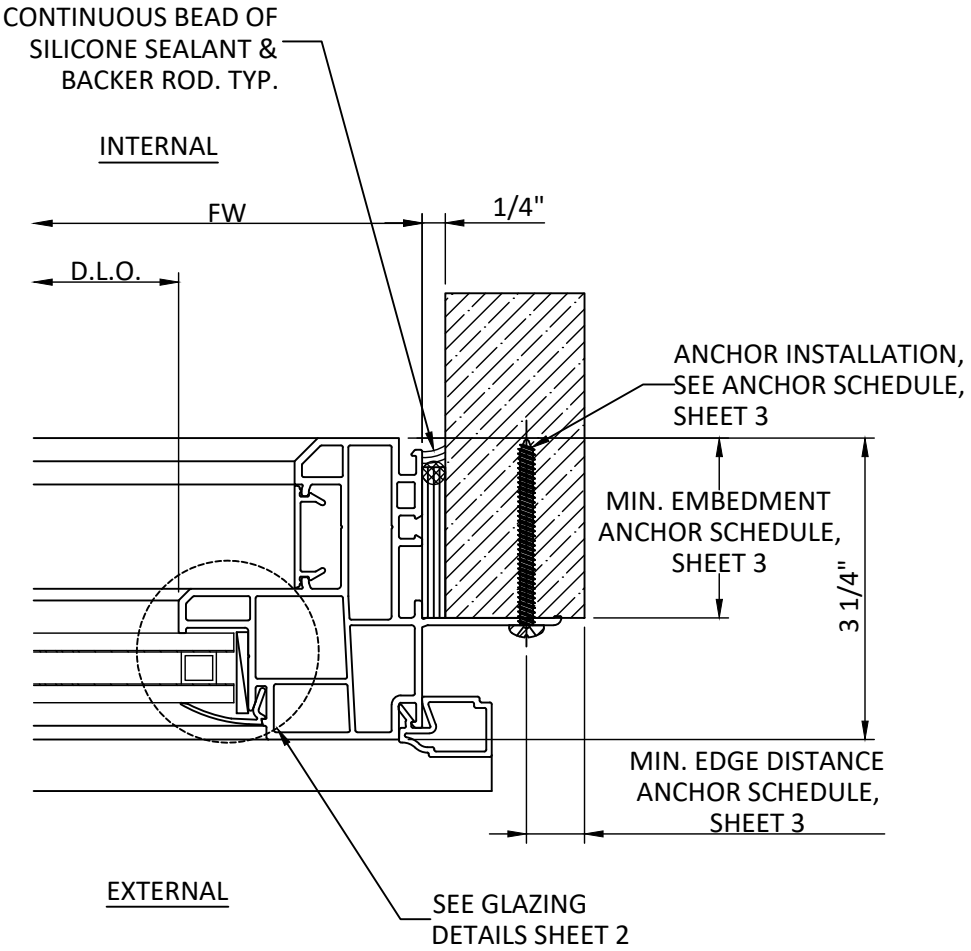
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NAIL FIN



C HORIZONTAL SECTION
5 FIXED JAMB



D HORIZONTAL SECTION
5 FIXED JAMB



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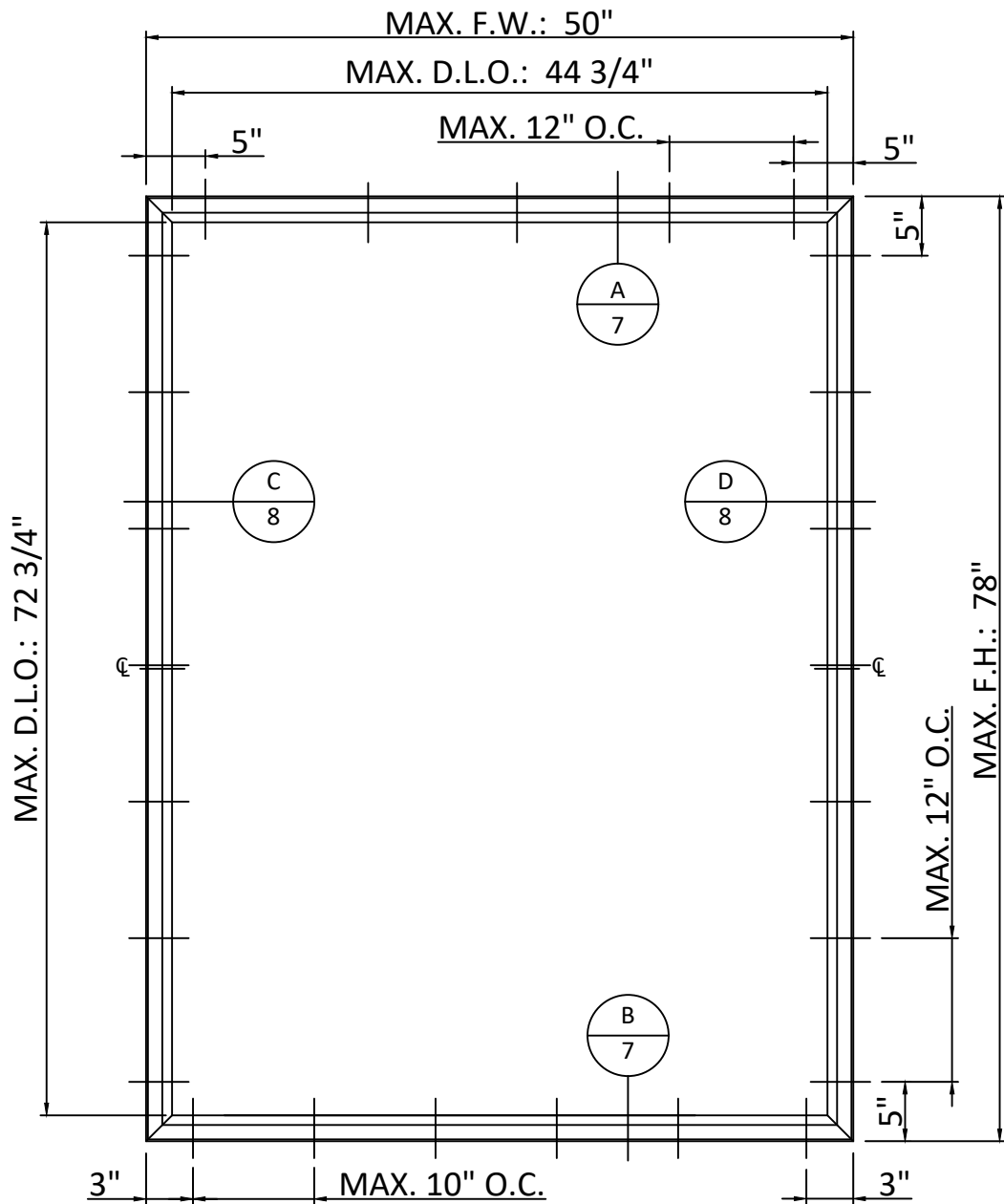
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ELEVATION

THROUGH FRAME

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



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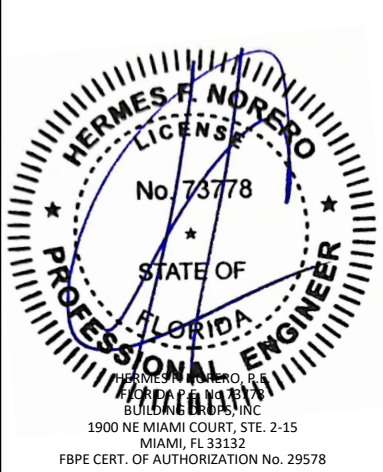
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(HVHZ)(IMPACT)
THROUGH FRAME ELEVATION &
ANCHOR SCHEDULE

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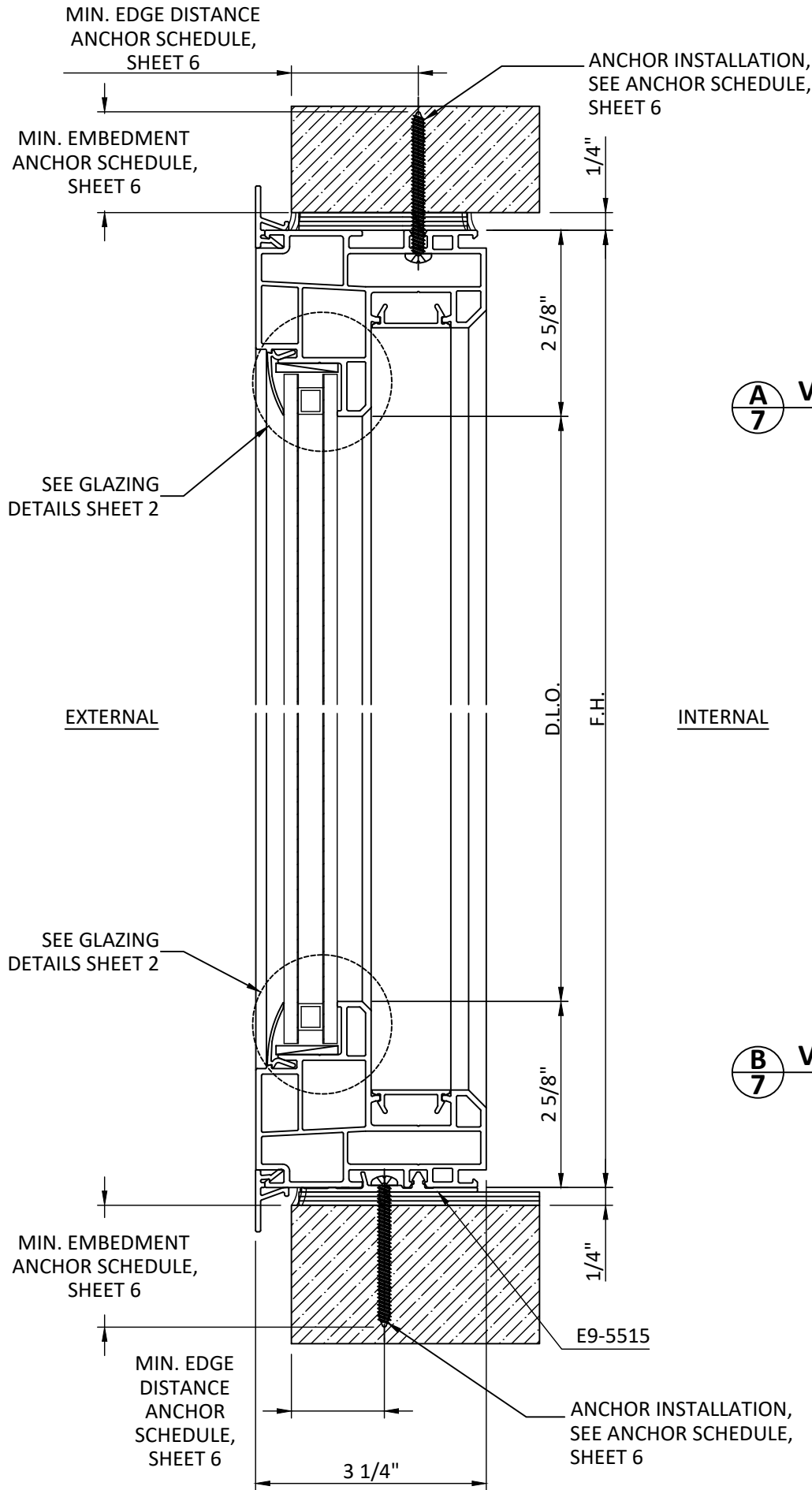
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THROUGH FRAME



A
7 VERTICAL SECTION
FIXED HEAD

B
7 VERTICAL SECTION
FIXED SILL



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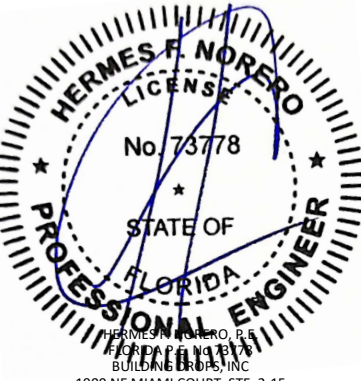
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STYLEGUARD FIXED WINDOW
(HVHZ)(IMPACT)
THROUGH FRAME
VERTICAL SECTIONS

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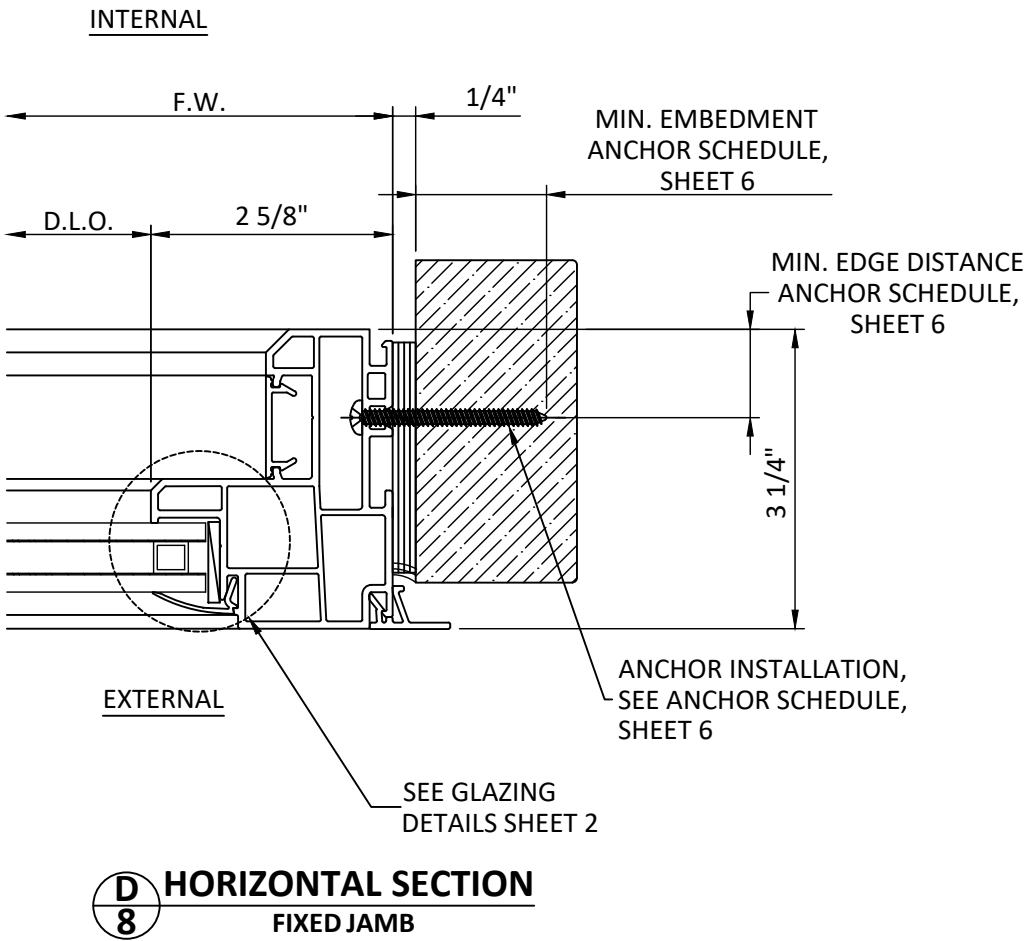
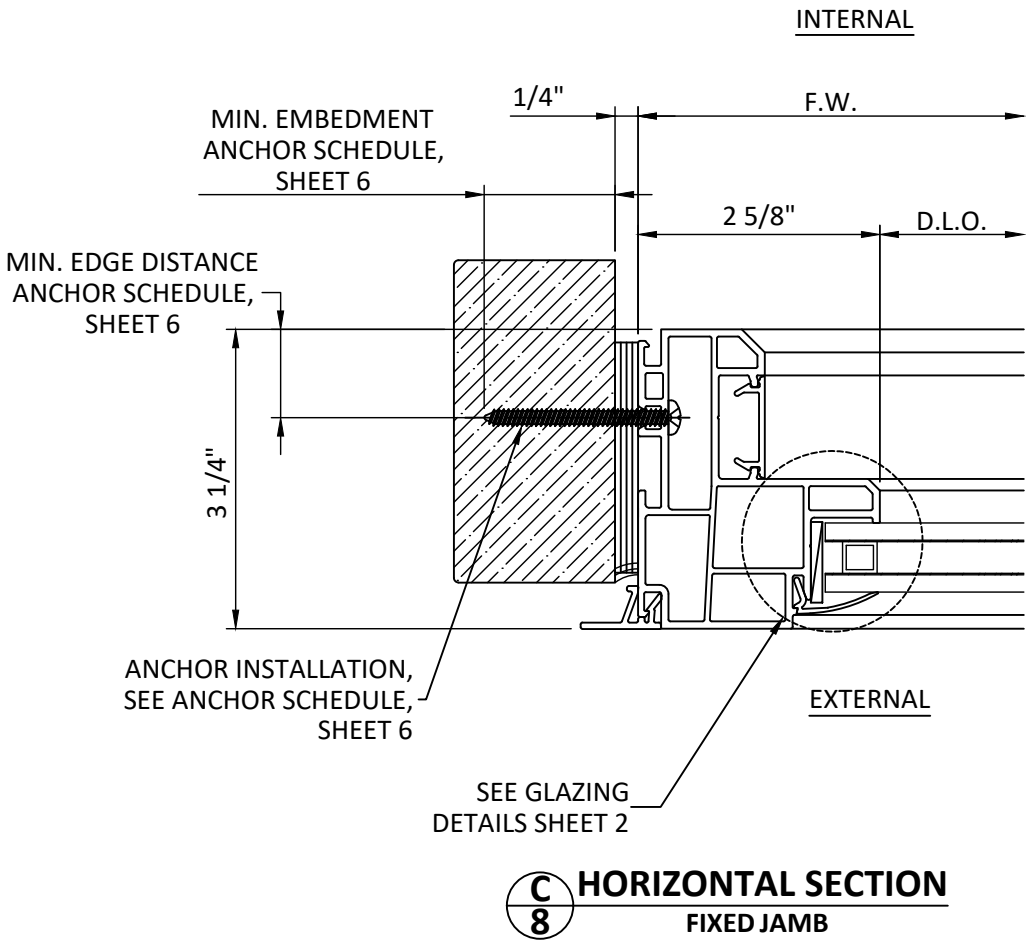
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THROUGH FRAME



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THROUGH FRAME
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