

RENAISSANCE WINDOWS AND DOORS

SERIES 9700 VINYL FIXED WINDOW

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED, EVALUATED AND DESIGNED TO THE 9th EDITION (2026) FLORIDA BUILDING CODE. TESTING WAS CONDUCTED IN ACCORDANCE WITH AAMA/WDMA/CSA 101/I.S.2/A440-08/11, ASTM E1886-05 AND ASTM E1996-05/09.
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT NCTL-210-4128-01 AND ASSOCIATED LABORATORY DRAWINGS BY NATIONAL CERTIFIED TESTING LABORATORIES.
3. THIS PRODUCT EVALUATION DOCUMENT IS NOT FOR USE IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
4. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE / MASONRY AND 2X FRAMING FRAMING SUBSTRATES AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT ACTING AS THE DESIGN PROFESSIONAL OF RECORD FOR THE PROJECT OF INSTALLATION.
5. 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 LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT ACTING AS THE DESIGN PROFESSIONAL OF RECORD FOR THE PROJECT OF INSTALLATION.
6. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST,THIS PRODUCT DOES NOT REQUIRE OPENING PROTECTION IN ACCORDANCE WITH THE 9th EDITION (2026) FLORIDA BUILDING CODE.
7. SITE CONDITIONS NOT COVERED IN THIS PRODUCT EVALUATION DOCUMENT ARE SUBJECT TO ADDITIONAL ENGINEERING ANALYSIS BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
8. MATERIALS

8.1. WINDOW FRAME MATERIAL: VINYL (PVC).

8.2. LAMINATED GLAZING INTERLAYER: KURARAY AMERICA, INC. TROSIFOL PVB GLASS INTERLAYER PER THE LATEST MIAMI-DADE NOTICE OF ACCEPTANCE (NOA).
9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-24.
10. DESIGNATION "O" STANDS FOR FIXED LITE.
11. THESE DRAWINGS CERTIFY THE FENESTRATION ANCHORAGE INSTALLATION ONLY. WATER-RESISTIVE BARRIER DETAILING OF THE WINDOW IS NOT PART OF THIS INSTALLATION CERTIFICATION. DETAILS SHOWN ARE FOR ILLUSTRATIVE PURPOSES ONLY. WATER-RESISTIVE BARRIER DETAILING SHALL BE THE RESPONSIBILITY OF THE INSTALLER. REFER TO THE REQUIREMENTS OF THE FLORIDA BUILDING CODE SECTION 1405.4 AND FLORIDA RESIDENTIAL CODE SECTION R703.4 FOR RECOMMENDATIONS. PER FBC SECTION 1405.4.1.4 AND FRC SECTION R703.4, FMA/AAMA 100-12 AND FMA/AAMA 200-12 CAN BE USED FOR GUIDANCE. ADDITIONALLY, ASTM E2112 CAN BE USED FOR GUIDANCE.

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5	CROSS SECTIONS - NAILING FIN INSTALLATION
6	CROSS SECTIONS - THRU FRAME INSTALLATION
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8	GLAZING DETAIL AND GLAZING NOTES /BILL OR MATERIALS

INSTALLATION NOTES:

1. PRODUCT ANCHORS SHALL BE AS DESIGNATED AND LOCATED AS SHOWN IN THIS PRODUCT EVALUATION DOCUMENT. ANCHOR EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
2. SEE INSTALLATION ANCHOR SCHEDULE ON SHEET 2 FOR TYPE AND GRADE OF ANCHOR, AND/OR MANUFACTURER'S ANCHOR SPECIFICATIONS, INCLUDING MINIMUM NOMINAL SIZE, MINIMUM EMBEDMENT INTO SUBSTRATE AND MINIMUM EDGE DISTANCES.

2.1. EDGE DISTANCES SHALL BE MEASURED FROM CENTERLINE OF ANCHOR TO EDGE OF STRUCTURAL SUBSTRATE EITHER TO THE INTERIOR OR EXTERIOR OF THE FENESTRATION PRODUCT.

2.2. MINIMUM EMBEDMENT SHALL BE BASED ON PENETRATION INTO MAIN WIND FORCE RESISTING SYSTEM SUBSTRATE.
3. SEE SHEETS 5 THROUGH 7 FOR SPECIFIC ANCHOR INSTALLATION DETAILS.
4. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
5. ANCHOR QUANTITIES AND SPACING / EMBEDMENT AND EDGE DISTANCE

5.1. THE NUMBER OF INSTALLATION ANCHORS IS BASED ON THE MAXIMUM END DISTANCE (ED) AND THE MAXIMUM ON CENTER (O.C.) SPACING PLACEMENT OF ANCHORS IN ACCORDANCE WITH ELEVATIONS ON SHEETS 3 AND 4.

5.2. END DISTANCES AND O.C. SPACINGS LESS THAN THAT SHOWN IN THE ELEVATIONS ON SHEETS 3 AND 4 ARE ACCEPTABLE.

5.3. FOR WINDOW SIZES SMALLER THAN THOSE SHOWN, ANCHOR QUANTITIES CAN BE REDUCED WHILE MAINTAINING EDGE DISTANCE AND O.C. SPACING REQUIREMENTS.

5.4. ANCHOR QUANTITIES AND SPACINGS SHOWN ARE BASED ON THE LOWER OF ANCHOR SPACING USED IN TESTING OR REQUIRED BY LOADING AT DESIGN PRESSURE.

5.5. SEE EMBEDMENT AND EDGE DISTANCE DESCRIPTION ON SHEET 2.
6. MAXIMUM ALLOWABLE SHIM THICKNESS IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF WOOD COMPOSITE, HIGH DENSITY PLASTIC OR SIMILAR LOAD BEARING MATERIAL.
7. FOR CONCRETE BLOCK APPLICATIONS DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS.
8. 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 IN THE INSTALLATION ANCHOR SCHEDULE ON SHEET 2.
9. ALL FASTENERS TO BE CORROSION RESISTANT, AND/OR HAVE A CORROSION RESISTANT COATING, OR WHEN EXPOSED TO SALTWATER ENVIRONMENTS WITHIN 3,000 FEET OF A SALTWATER COASTLINE MEET THE REQUIREMENTS OF SECTION 1711, 9TH EDITION (2026) FBC AND SECTION R332, 9TH EDITION (2026) FRC WHEN APPLICABLE.

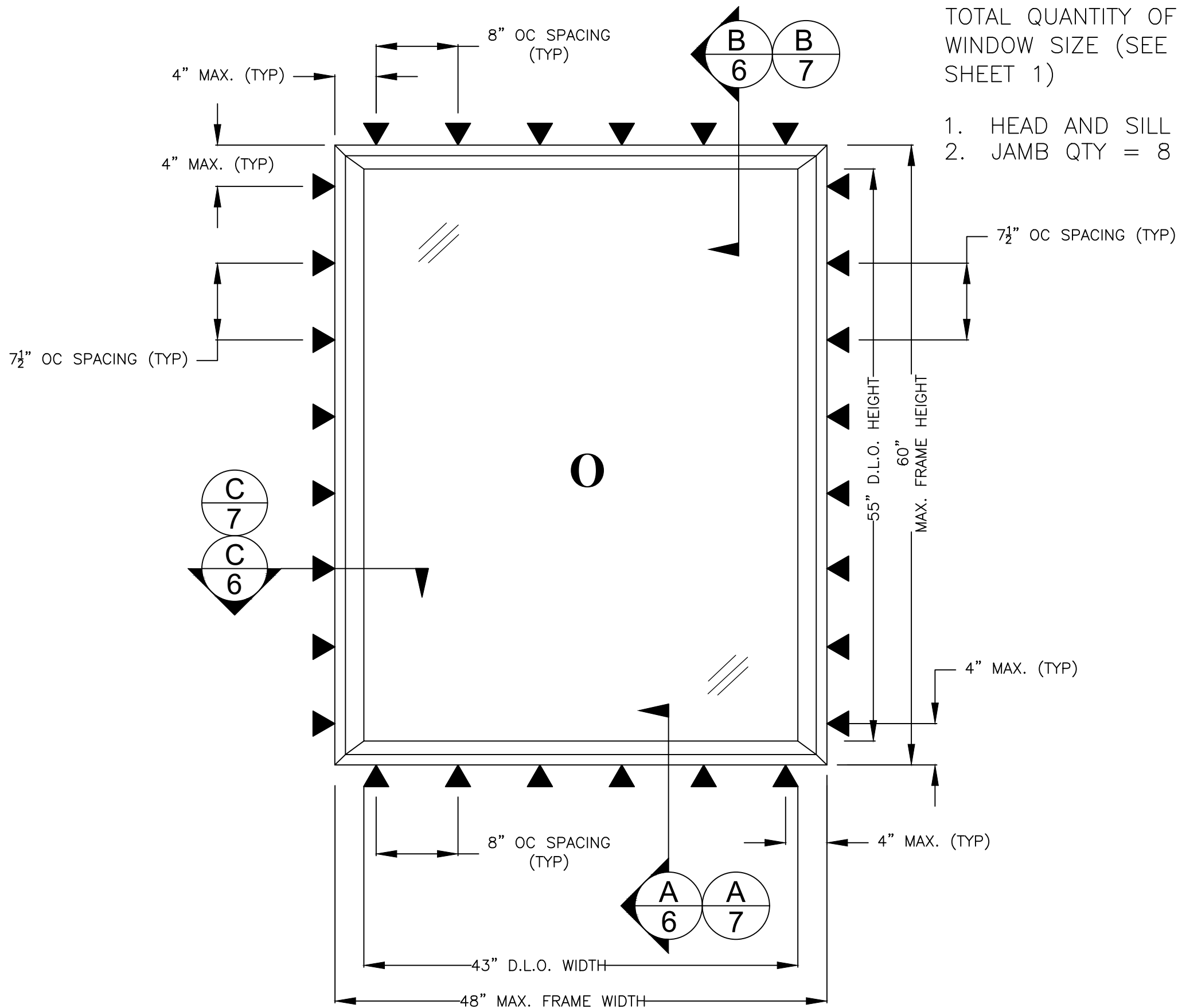
PERFORMANCE RATING				
MAXIMUM WINDOW SIZE	ELEVATION	GLAZING DETAIL (SEE SHEET 8)	DESIGN PRESSURE (PSF)	IMPACT RATING
NOMINAL 48" x 60" FIN FRAME (NAILING FIN INSTALLATION)	SHEET 3	A	+/- 50	WIND ZONE 3 MISSILE LEVEL D
NOMINAL 48" x 60" BLOCK FRAME (INCLUDES OPTIONAL SNAP-ON FLANGE) (THROUGH FRAME INSTALLATION)	SHEET 4	A	+/- 50	

PROJECT # ACE-2025-127				RJA	BY
				8/4/26	DATE
			UPDATE TO THE 9TH EDITION (2026) FBC	A	DESCRIPTION
RENAISSANCE WINDOWS AND DOORS 13340 INTERNATIONAL PARKWAY JACKSONVILLE, FL 32218	TITLE: SERIES 9700 VINYL FIXED WINDOW GENERAL NOTES, INSTALLATION NOTES & TABLE OF CONTENTS	DRAWN BY: RJA	DATE: 3/19/2020	DRAWING NO: RWD0021	SHEET: 1 OF 8
		SCALE: N.T.S.	REV:	A	
		PREPARED BY: AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RIAENGPE@GMAIL.COM			

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TOTAL QUANTITY OF ANCHORS FOR 48" X 60" WINDOW SIZE (SEE INSTALLATION NOTE 5.3 ON SHEET 1)

SERIES 9700 VINYL FIXED WINDOW
BLOCK FRAME INSTALLATION USING THROUGH FRAME ANCHORAGE

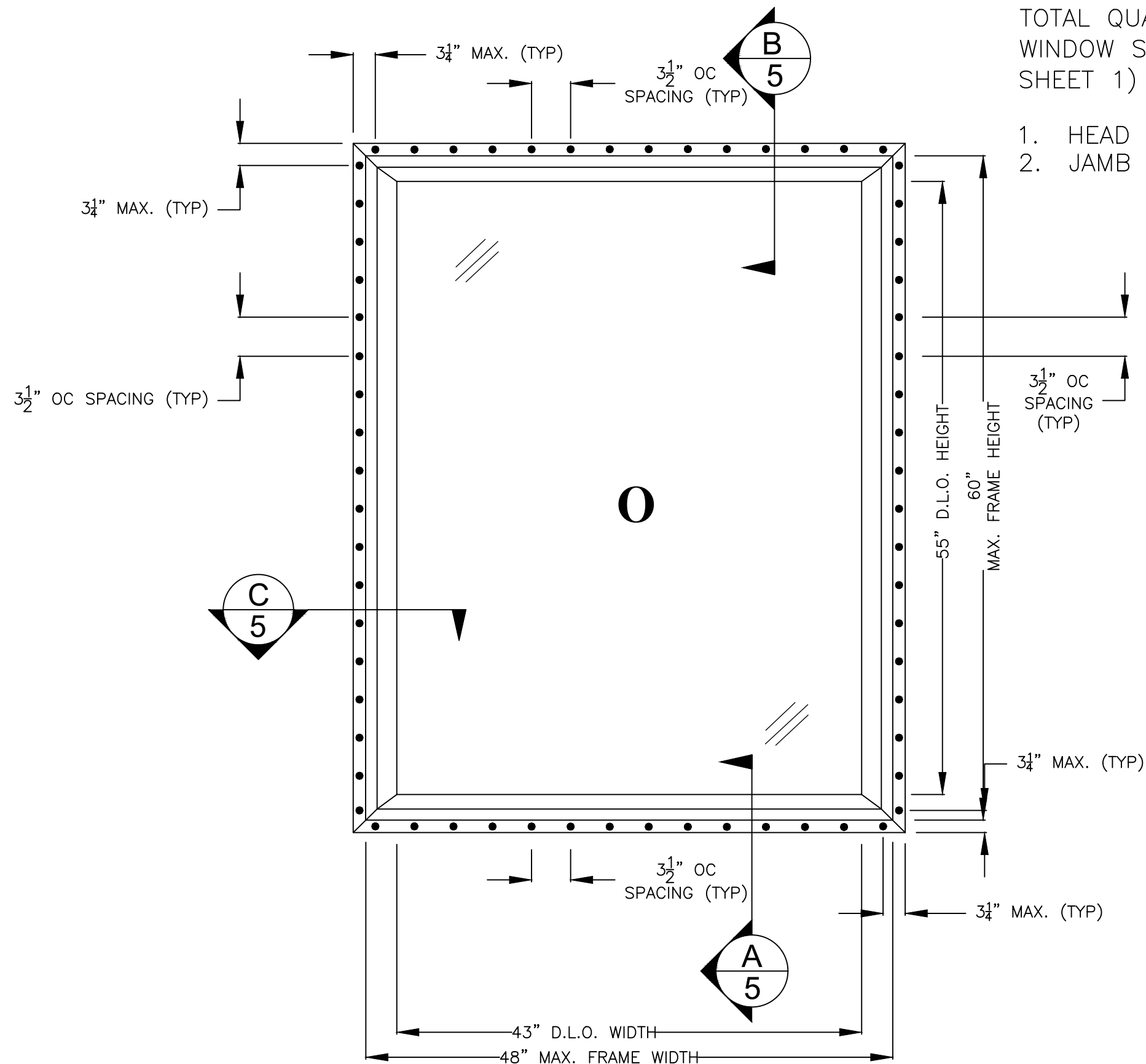
EXTERIOR VIEW (48" X 60" NOMINAL SIZE SHOWN)

PROJECT # ACE-2025-127					
RENAISSANCE WINDOWS AND DOORS 13340 INTERNATIONAL PARKWAY JACKSONVILLE, FL 32218	SERIES 9700 VINYL FIXED WINDOW NOMINAL 48" x 60" BLOCK FRAME WINDOW ELEVATION & ANCHORING LAYOUT				
	PREPARED BY: AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RIAENGPE@GMAIL.COM	DRAWN BY: RJA	DATE: 3/19/2020		
	SCALE: N.T.S.	DRAWING NO: RWD0021	REV: A	3 OF 8	
UPDATE TO THE 9TH EDITION (2026) FBC				8/4/26	RJA
DESCRIPTION				DATE	BY

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TOTAL QUANTITY OF ANCHORS FOR 48" X 60" WINDOW SIZE (SEE INSTALLATION NOTE 5.3 ON SHEET 1)

1. HEAD AND SILL QTY = 14
2. JAMB QTY = 17

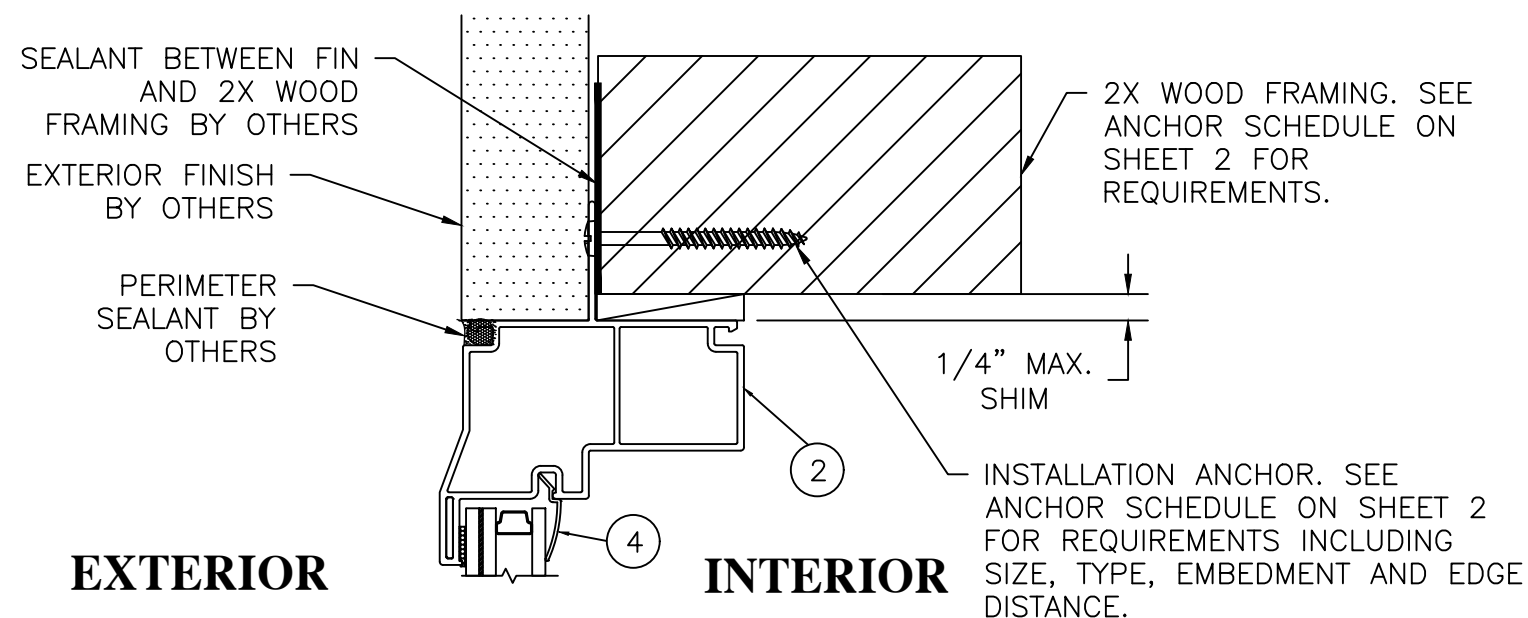
SERIES 9700 VINYL FIXED WINDOW
FIN FRAME INSTALLATION USING NAILING FIN
EXTERIOR VIEW (48" X 60" NOMINAL SIZE SHOWN)

PROJECT # ACE-2025-127					
RENAISSANCE WINDOWS AND DOORS 13340 INTERNATIONAL PARKWAY JACKSONVILLE, FL 32218	TITLE: SERIES 9700 VINYL FIXED WINDOW NOMINAL 48" x 60" FIN FRAME WINDOW ELEVATION & ANCHORING LAYOUT	DRAWN BY:	RJA	DATE:	3/19/2020
		PREPARED BY:	AMORUSO CONSULTING ENG., LLC	SCALE:	FBPE REGISTRATION NO. 38327
		REV:	A	REV:	226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RIAENGPE@GMAIL.COM
PROJECT # ACE-2025-127	DESCRIPTION	REV	A	DATE	BY

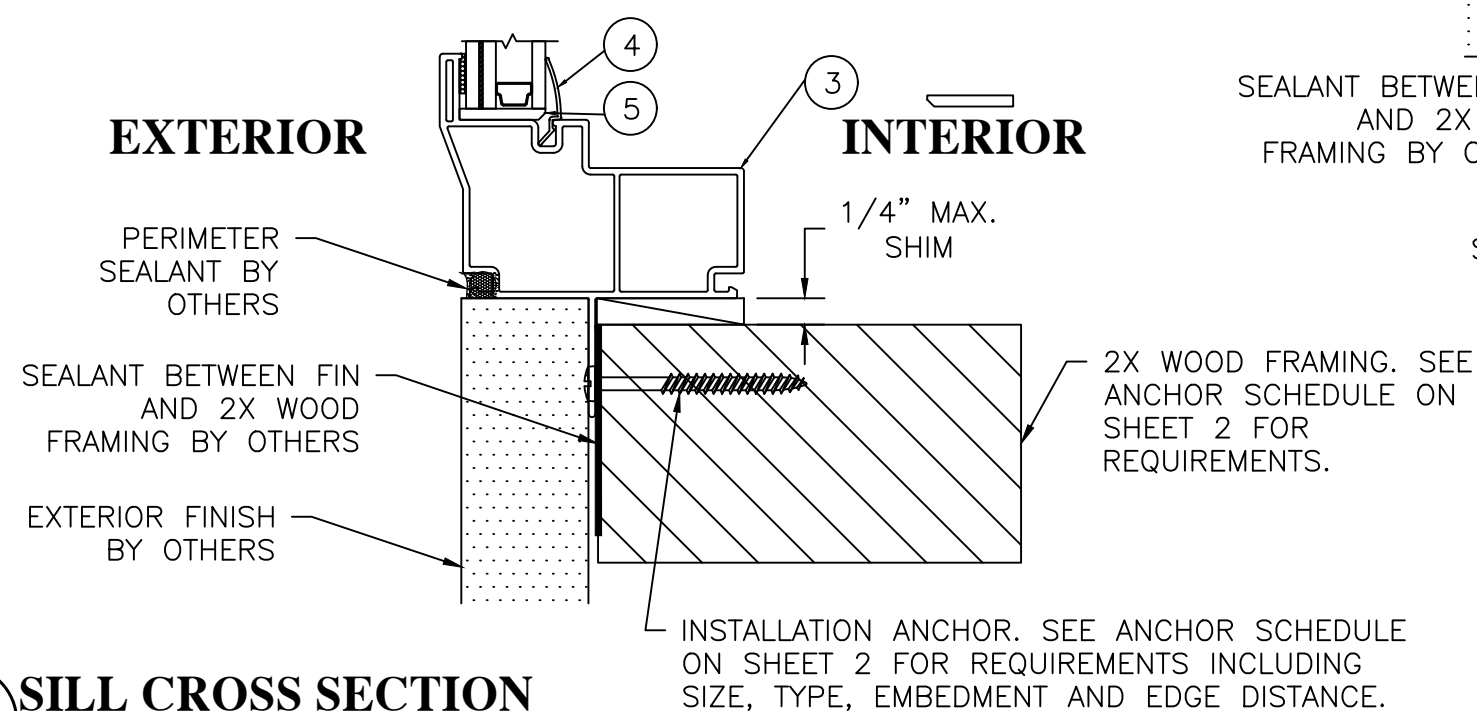
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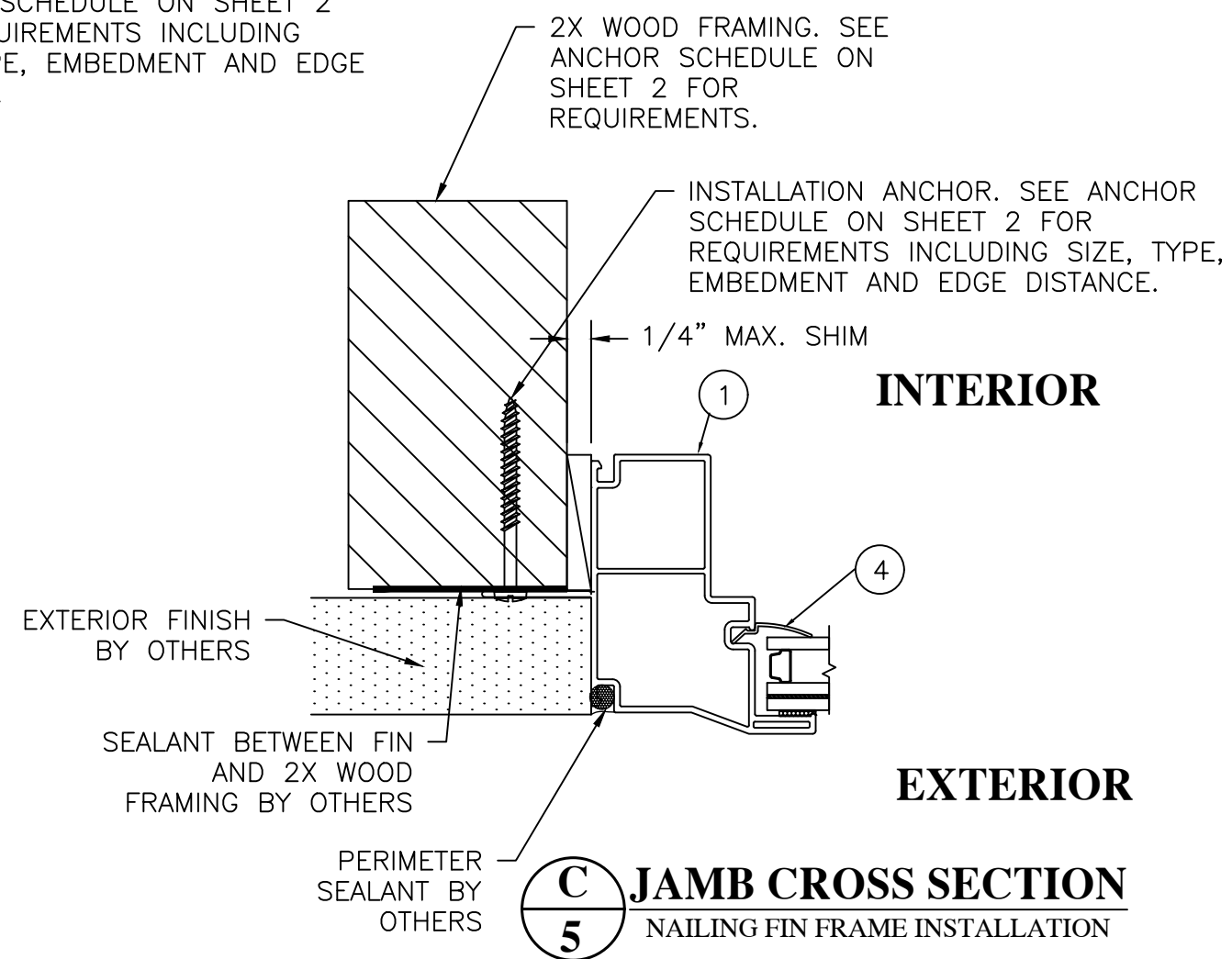


B 5 HEAD CROSS SECTION --- NAILING FIN FRAME INSTALLATION



A SILL CROSS SECTION

5 NAILING FIN FRAME INSTALLATION



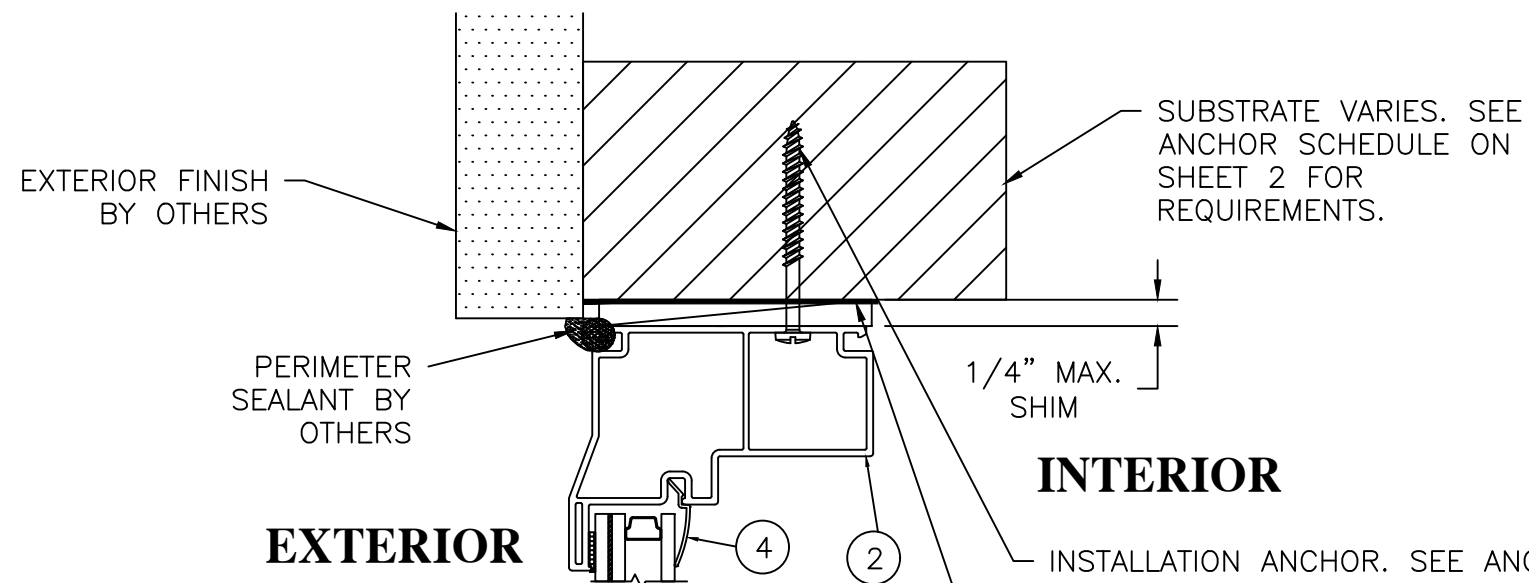
C JAMB CROSS SECTION 5 NAILING FIN FRAME INSTALLATION

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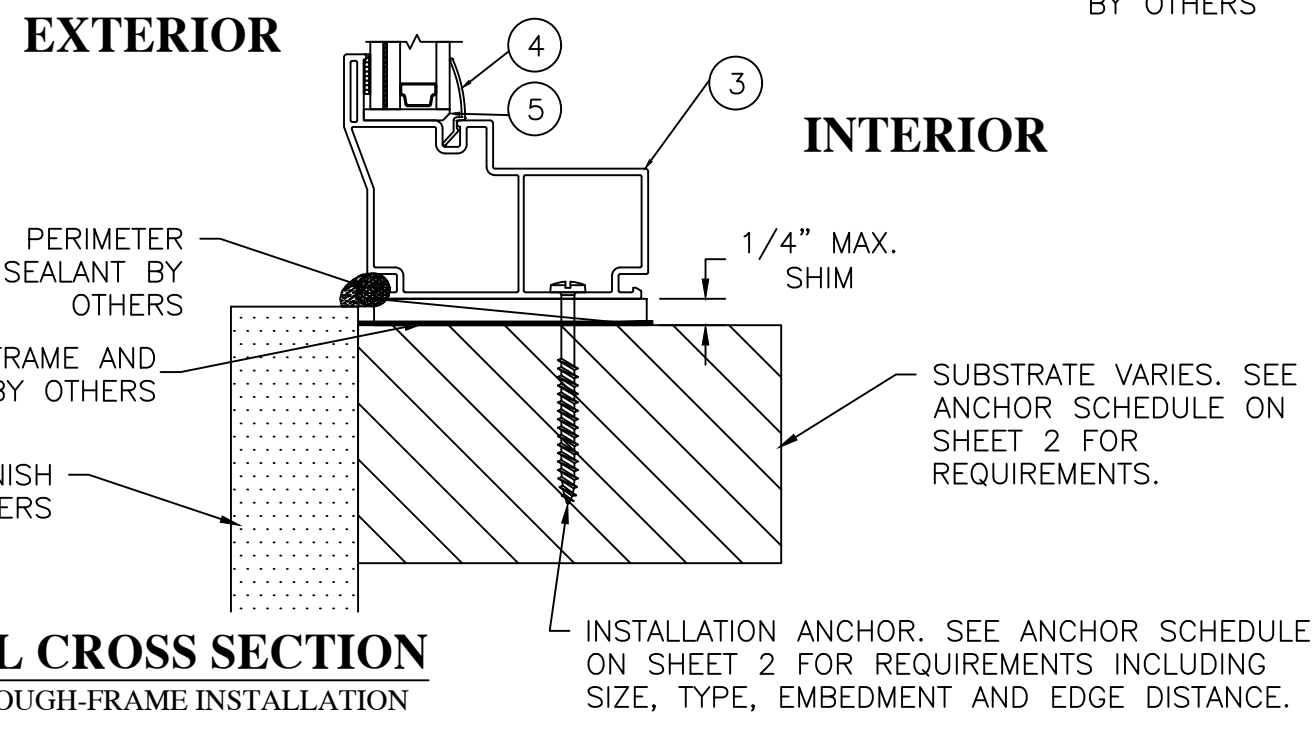


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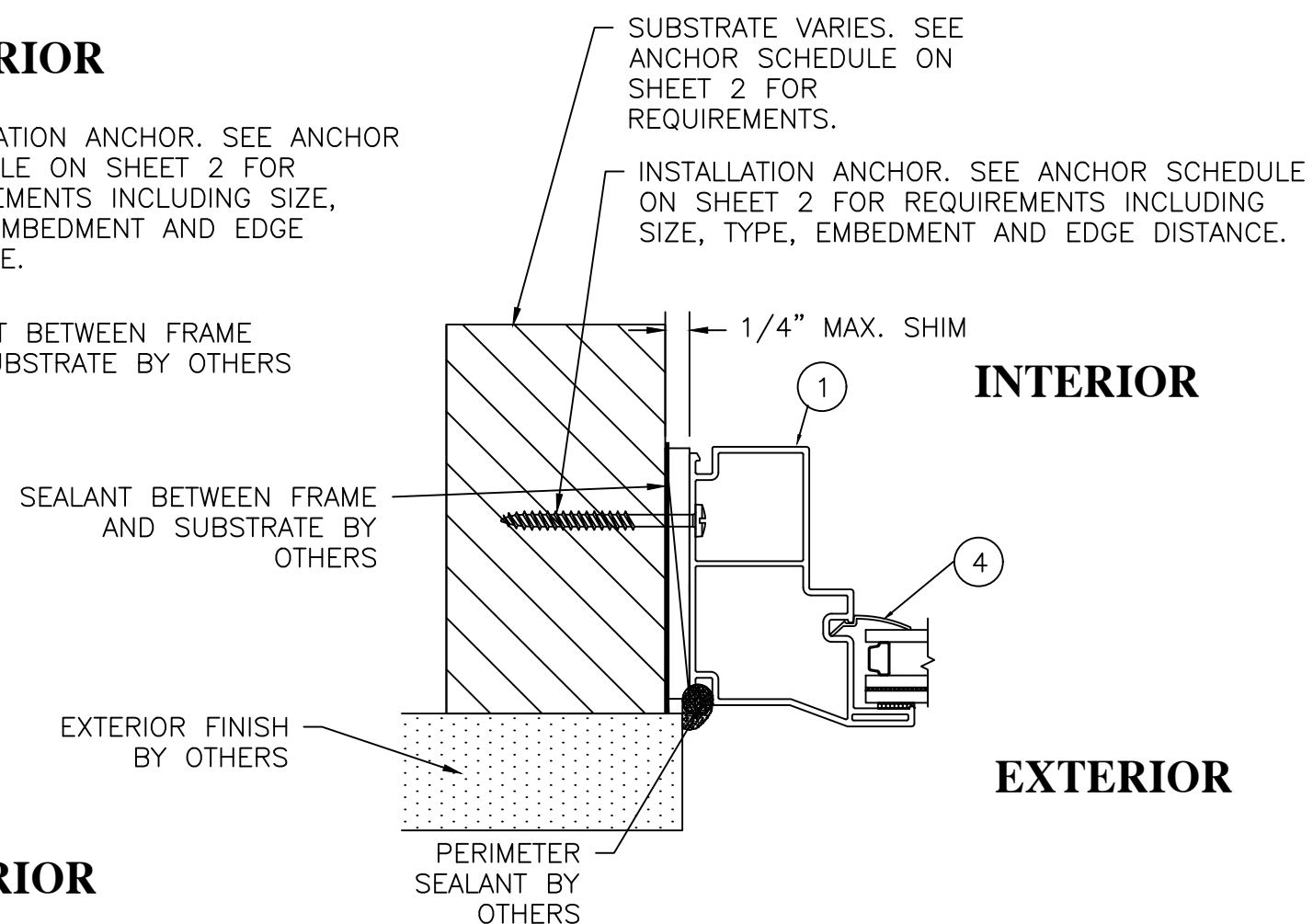
RENAISSANCE WINDOWS AND DOORS 13340 INTERNATIONAL PARKWAY JACKSONVILLE, FL 32218				PROJECT # ACE-2025-127			
TITLE: SERIES 9700 VINYL FIXED WINDOW CROSS SECTIONS - NAILING FIN INSTALLATION							
PREPARED BY: AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 33327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RIAENGPE@GMAIL.COM				DRAWN BY:		DATE:	
				RJJA		3/19/2020	
				SCALE:		DRAWING NO:	
				N.T.S.		RWD0021	
REV:				A		SHEET:	
				5		OF 8	
				REV		DESCRIPTION	
				DATE		BY	



B HEAD CROSS SECTION 6 THROUGH-FRAME INSTALLATION



A SILL CROSS SECTION 6 THROUGH-FRAME INSTALLATION



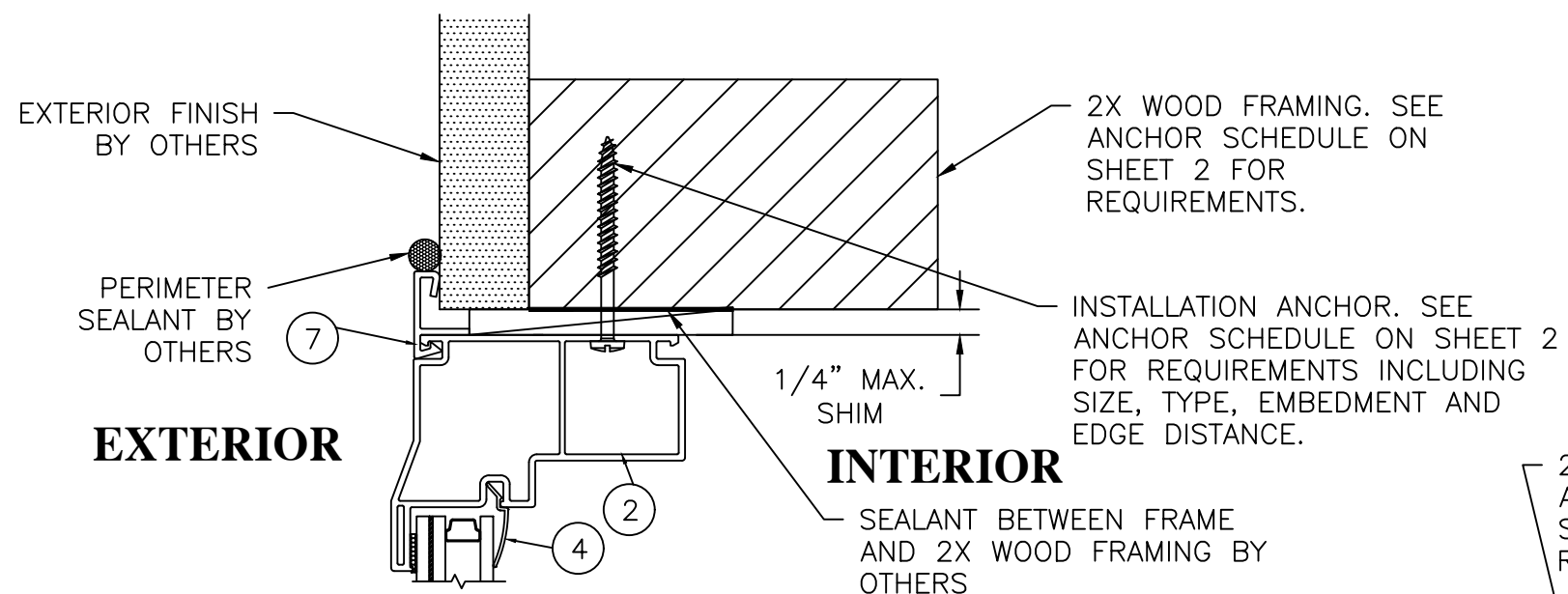
C JAMB CROSS SECTION 6 THROUGH-FRAME INSTALLATION

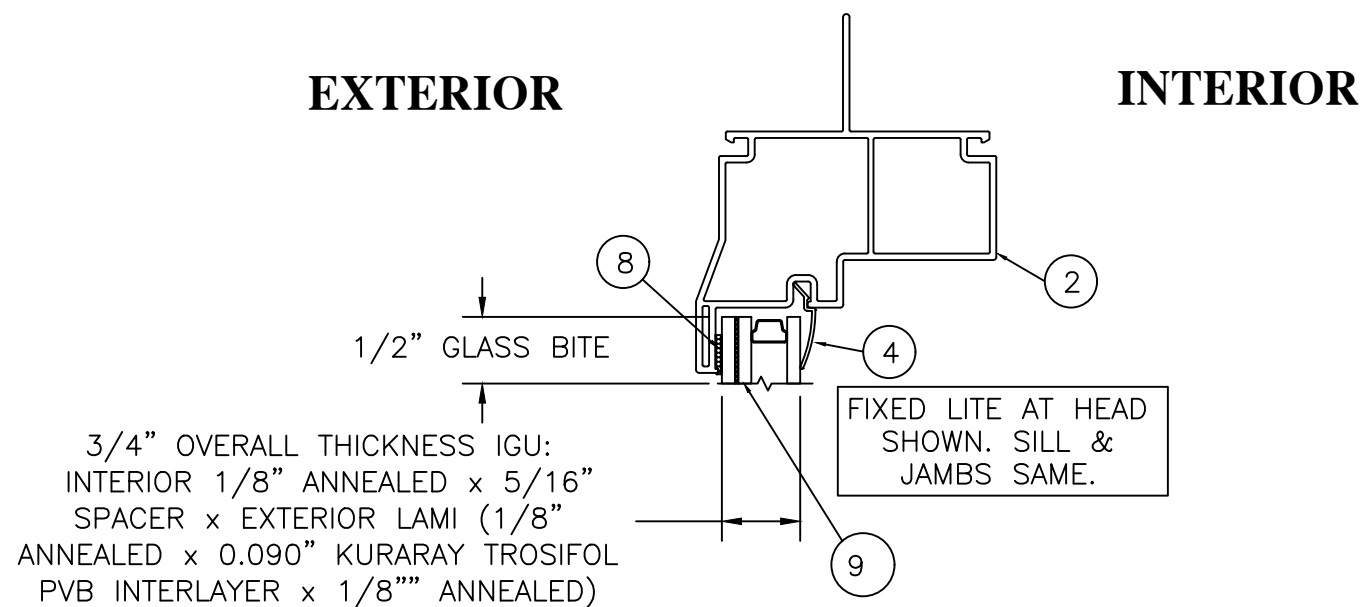
RENAISSANCE WINDOWS AND DOORS 13340 INTERNATIONAL PARKWAY JACKSONVILLE, FL 32218				PROJECT # ACE-2025-127			
TITLE: SERIES 9700 VINYL FIXED WINDOW CROSS SECTIONS - THRU FRAME INSTALLATION							
PREPARED BY: AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RIAENGPE@GMAIL.COM				DRAWN BY: RJA	DATE: 3/19/2020		
				SCALE: N.T.S.	DRAWING NO: RWD0021		
				REV: A	SHEET: 6 OF 8	REV	DATE 8/4/26
						DESCRIPTION UPDATE TO THE 9TH EDITION (2026) FBC	BY RJA

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GLAZING DETAIL A

NOTES:

1. A MINIMUM OF TWO (2) NEOPRENE SETTING BLOCKS WITH 70 TO 90 SHORE A DUROMETER HARDNESS ARE REQUIRED AT BOTTOM (SILL) OF GLAZING LITES MORE THAN 3 FEET IN WIDTH.

BILL OF MATERIALS 8500 SERIES FIXED			
BOM NO.	PART NO.	DESCRIPTION	REMARKS
1	7868	JAMB	PVC
2	7868	HEAD	PVC
3	7868	SILL	PVC
4	6177	GLAZING BEAD	PVC
5	6555	SETTING BLOCK	NEOPRENE
6	NOT USED		
7	8461	SNAP-ON FLANGE	PVC
	GLAZING		
8	DOW 995	WET GLAZING COMPOUND	SILICONE
9	GLAZING DETAIL A	3/4" OVERLL THICKNESS LAMINATED IGU	

RENAISSANCE WINDOWS AND DOORS						
13340 INTERNATIONAL PARKWAY						
JACKSONVILLE, FL 32218						
TITLE:	SERIES 9700 VINYL FIXED WINDOW GLAZING DETAILS AND NOTES / BILL OF MATERIALS					
AMORUSO CONSULTING ENG., LLC		DRAWN BY:	RJA	DATE:	3/19/2020	
FBPE REGISTRATION NO. 38327		SCALE:	N.T.S.	DRAWING NO:	RWD0021	
226 N NOVA RD, NO. 142		REV:	A	SHEET:	8 OF 8	
ORMOND BEACH, FL 32174						
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