

LINDSAY WINDOWS LLC

SERIES FL 643 PW FIXED (PICTURE) WINDOW (NON-IMPACT)

FIN FRAME INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN EVALUATED TO COMPLY WITH THE CURRENT PROVISIONS OF THE FLORIDA BUILDING CODE (FBC) EXCLUDING THE HIGH VELOCITY HURRICANE ZONES (HVHZ) AND IS BASED ON TESTING CONDUCTED TO AAMA/WDMA/CSA 101/I.S.2/A440-11 DOCUMENTED IN INTERTEK TEST REPORT NO. I9671.01/.02-501-47.
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 BUCK OVER MASONRY AND/OR CONCRETE IS OPTIONAL. WHERE 1X BUCK IS NOT USED DISSIMILAR MATERIALS MUST BE SEPARATED WITH APPROVED COATING OR MEMBRANE. SELECTION OF COATING OR MEMBRANE IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
4. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF THE INSTALLATION METHODS DEViate FROM THESE APPROVED DETAILS THIS WOULD REQUIRE FURTHER INVESTIGATION BY A LICENSED OR REGISTERED DESIGN PROFESSIONAL.
5. IN AREAS WHERE WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN IMPACT PROTECTIVE SYSTEM COMPLYING WITH THE FBC REQUIREMENTS FOR WINDBORNE DEBRIS REGIONS SHALL BE REQUIRED:
6. MATERIALS:

6.1. FRAME: RIGID VINYL
7. GLAZING:

7.1. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-09a.

7.2. SEE GLAZING DETAILS ON SHEET 7.

7.3. GLASS SHALL MEET SAFETY GLAZING REQUIREMENTS PER CURRENT EDITION OF THE FLORIDA BUILDING CODE AS REQUIRED.
8. PANEL OPERABILITY DESIGNATIONS:

8.1. O = FIXED
9. IN ACCORDANCE WITH AAMA/WDMA/CSA 101/I.S.2/A440-11, SECTION 4.4.2.5, PRODUCTION SIZES OF IDENTICAL CONSTRUCTION EQUAL TO OR SMALLER THAN THE SIZE TESTED IN BOTH WIDTH AND HEIGHT ARE ENVELOPED BY THE MAXIMUM SIZES TESTED AND INCLUDED IN THIS PRODUCT EVALUATION DOCUMENT. FOR A FIXED (PICTURE) WINDOW, THIS INCLUDES THE FRAME SIZE AND DAYLIGHT OPENING SIZE.

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SHEET	DESCRIPTION
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2	ELEVATIONS - ANCHORAGE LAYOUT - 72X75 - 45 PSF DP
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4	ELEVATIONS - ANCHORAGE LAYOUT - 60X63 - 55 PSF DP
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7	BILL OF MATERIALS & GLAZING DETAIL

ANCHOR NOTES:

1. INSTALL ONE (1) ANCHOR AS INDICATED IN THE SECTION DETAILS ON SHEET 3 & 4 AT EACH LOCATION SHOWN IN THE ELEVATION ON SHEET 2.

1.1. LOCATION TOLERANCE IS +/- 1/2".
2. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH A LOAD BEARING SHIM AS FOLLOWS.

2.1. SHIM WHERE GAPS OF 1/16" OR GREATER OCCUR.

2.2. MAXIMUM ALLOWABLE SHIM STACK TO BE 3/16".

2.3. BASED ON TESTING, A MAXIMUM ALLOWABLE FRAME-TO-SUBSTRATE GAP UP TO 3/16" IS ALLOWED WITHOUT SHIMMING.

2.4. SHIMMING IS RECOMMENDED FOR ALL GAP CONDITIONS FROM 1/16" TO 3/16".
3. NAILING FIN INSTALLATION INTO 2X WOOD FRAMING SHALL USE THE FOLLOWING:

3.1. NO. 8 WOOD SCREW (ANSI B18.6.1) WITH MINIMUM 1-1/4 INCH EMBEDMENT AND MINIMUM 1/4 INCH EDGE DISTANCE FROM WOOD SCREW CENTERLINE TO WOOD FRAME EDGE. MINIMUM EMBEDMENT IS MEASURED INTO STRUCTURAL SUBSTRATE.

3.2. NO. 8 SHEET METAL SCREW (ASME B18.6.4) WITH MINIMUM 1-1/4 INCH EMBEDMENT AND MINIMUM 1/4 INCH EDGE DISTANCE FROM WOOD SCREW CENTERLINE TO WOOD FRAME EDGE. MINIMUM EMBEDMENT IS MEASURED INTO STRUCTURAL SUBSTRATE.

3.3. INSTALLATION ANCHORS SHALL BE CORROSION RESISTANT OR HAVE CORROSION RESISTANT COATING.
4. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

4.1. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.42

PROJECT NO. ACE-2020-105				RJA	BY
				12/22/20	DATE
			UPDATE TO CURRENT EDITION OF FBC	A	REV

LINDSAY WINDOWS LLC
1995 COMMERCE DRIVE
NORTH MANKATO, MN 56003

TITLE: SERIES FL 643 PW FIXED (PICTURE) WINDOW (NI)
INSTALLATION AND GENERAL NOTES

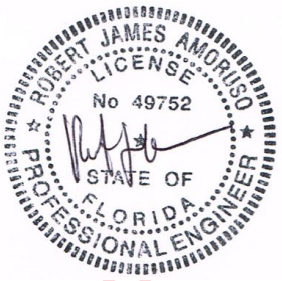
DRAWN BY: RJA
SCALE: N.T.S.
REV: A

DATE: 5/1/19
DRAWING NO: 643.000PW
SHEET: 1 OF 7

PH: 507-625-4278
FAX: 507-625-7211



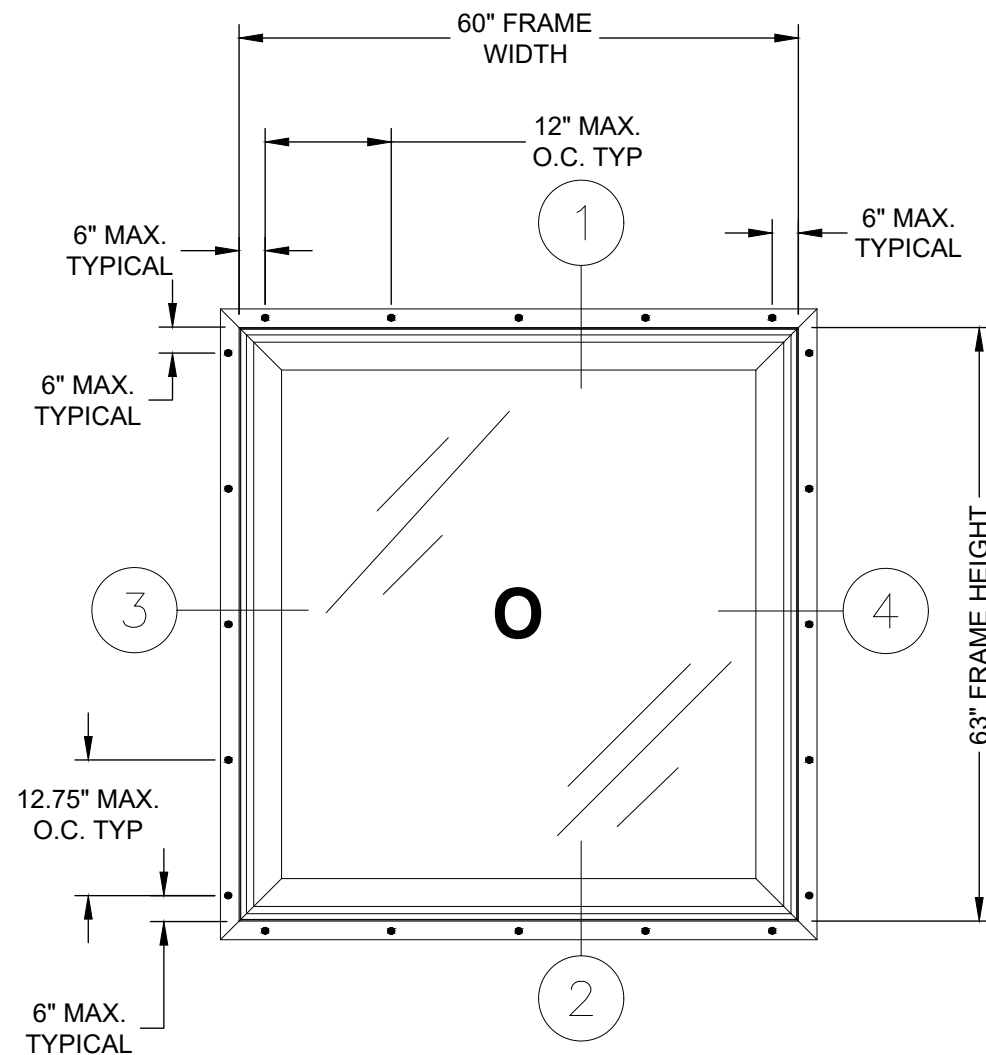
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



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Date: 2020.12.23
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PROJECT NO. ACE-2020-105				
A	UPDATE TO CURRENT EDITION OF FBC	12/22/20	RJA	
REV	DESCRIPTION	DATE	BY	

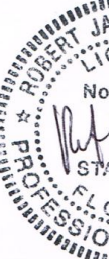


ANCHOR LAYOUT
NAILING FIN TYPE
FRAME INSTALLATION
WOOD SUBSTRATE

Performance Rating				
Frame Type	Glazing Detail (Sheet 7)	Maximum Window Size (in)	Design Pressure Rating (psf)	Impact Rating
Nailing Fin	1	60 x 63	40	None

		PH: 507-625-4278 FAX: 507-625-7211	
LINDSAY WINDOWS LLC 1995 COMMERCE DRIVE NORTH MANKATO, MN 56003		DRAWN BY: RJA	DATE: 5/1/19
TITLE: SERIES FL 643 PW FIXED (PICTURE) WINDOW (NI) ELEVATIONS - ANCHORAGE LAYOUT - 60X63 - 40 PSF DP		SCALE: N.T.S.	DRAWING NO: 643.000PW
		REV: A	SHEET: 3 OF 7

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ELEVATION
NAILING FIN FRAME

60" FRAME WIDTH

12" MAX. O.C. TYP

6" MAX. TYPICAL

6" MAX. TYPICAL

6" MAX. TYPICAL

12.2" MAX. O.C. TYP

6" MAX. TYPICAL

60" FRAME HEIGHT

1

2

3

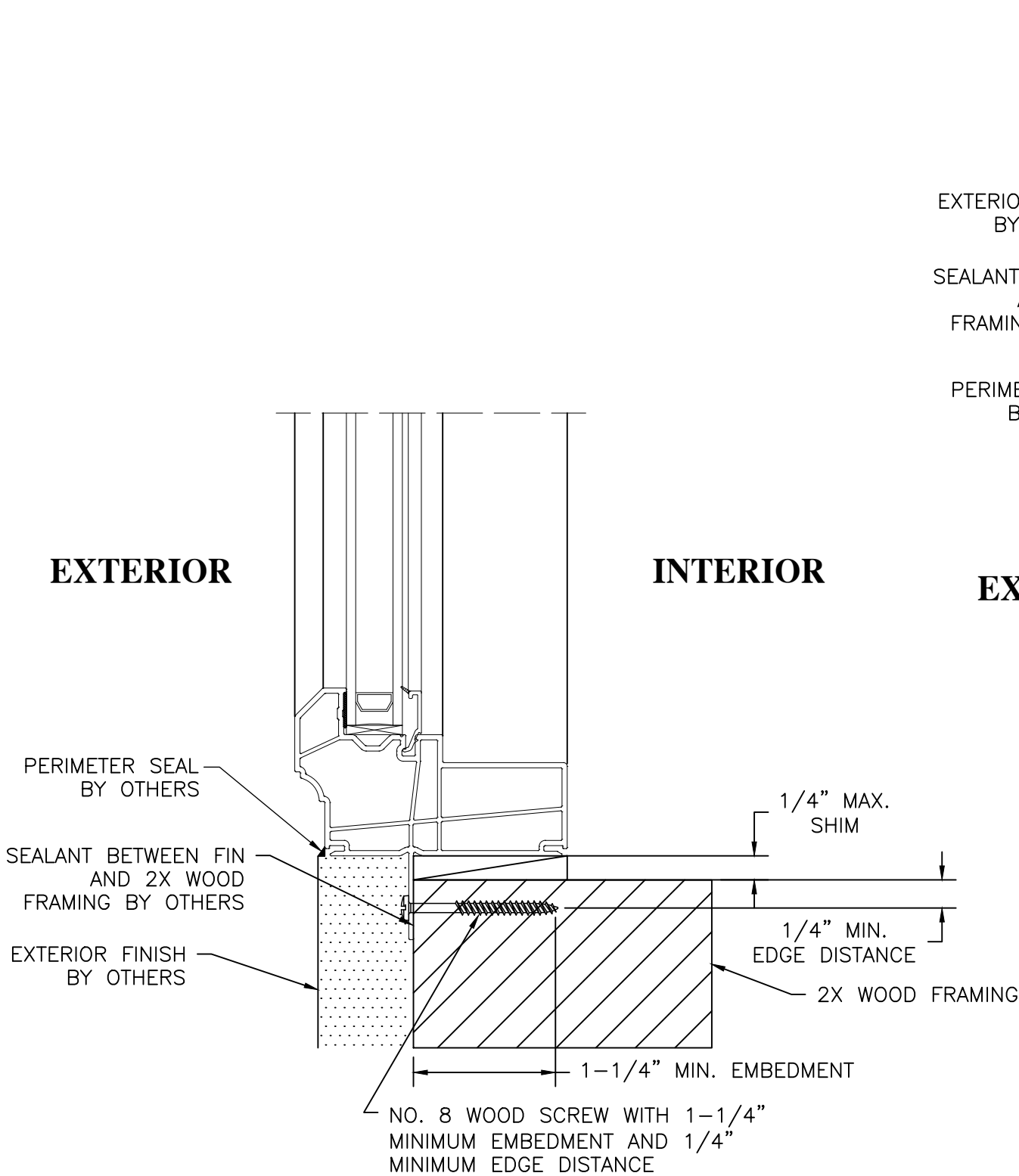
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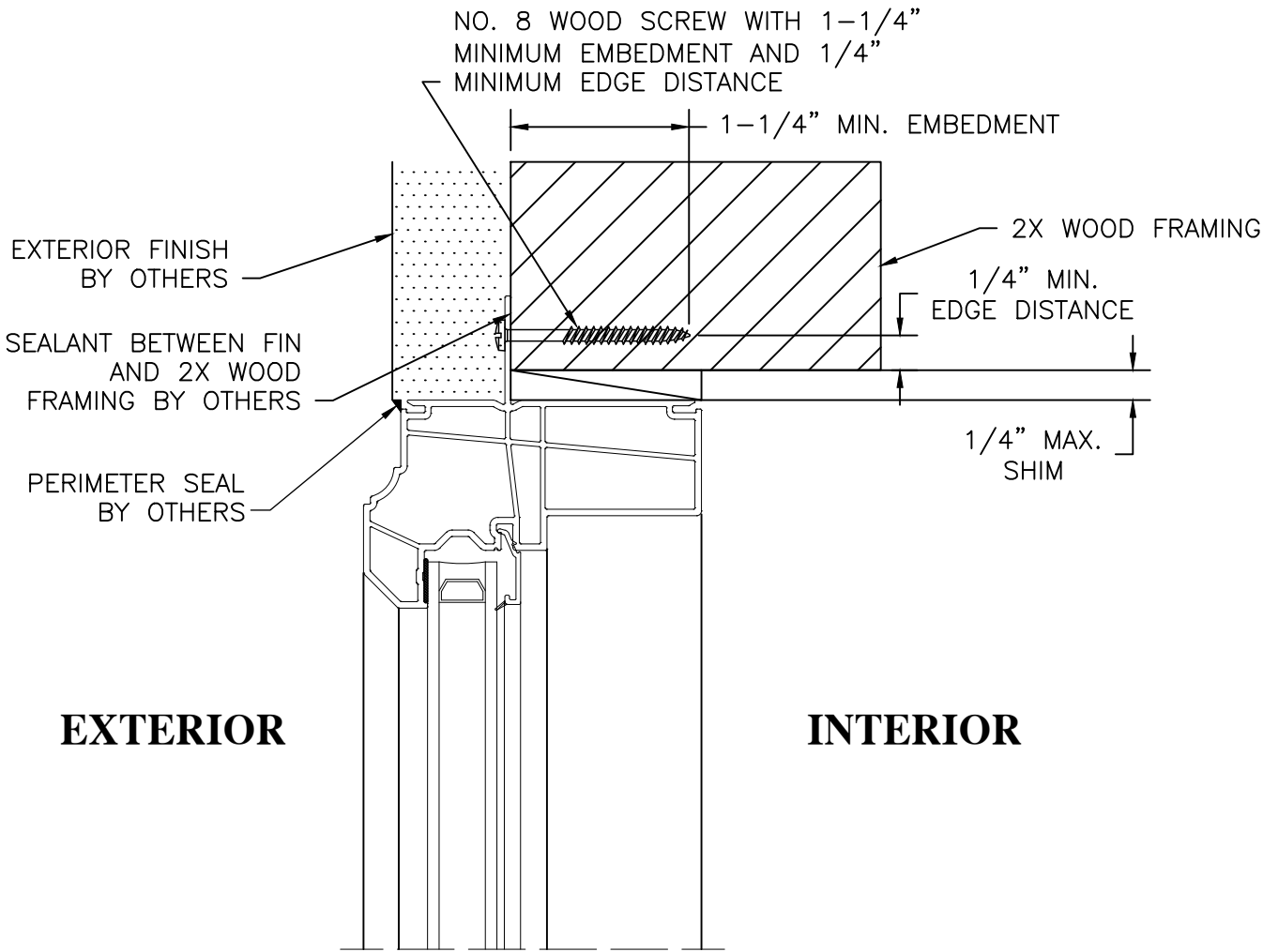
ANCHOR LAYOUT
NAILING FIN TYPE
FRAME INSTALLATION
WOOD SUBSTRATE

Performance Rating				
Frame Type	Glazing Detail (Sheet 7)	Maximum Window Size (in)	Design Pressure Rating (psf)	Impact Rating
Nailing Fin	2	60 x 63	55	None

SERIES FL 643 PW FIXED (PICTURE) WINDOW
VERTICAL SECTION VIEWS
NAILING FIN FRAME INSTALLATION INTO 2X WOOD FRAMING



2 TYPICAL FIN INSTALLATION - SILL
NAILING FIN FRAME INSTALLATION INTO 2X WOOD FRAMING



1 TYPICAL FIN INSTALLATION - HEAD
NAILING FIN FRAME INSTALLATION INTO 2X WOOD FRAMING

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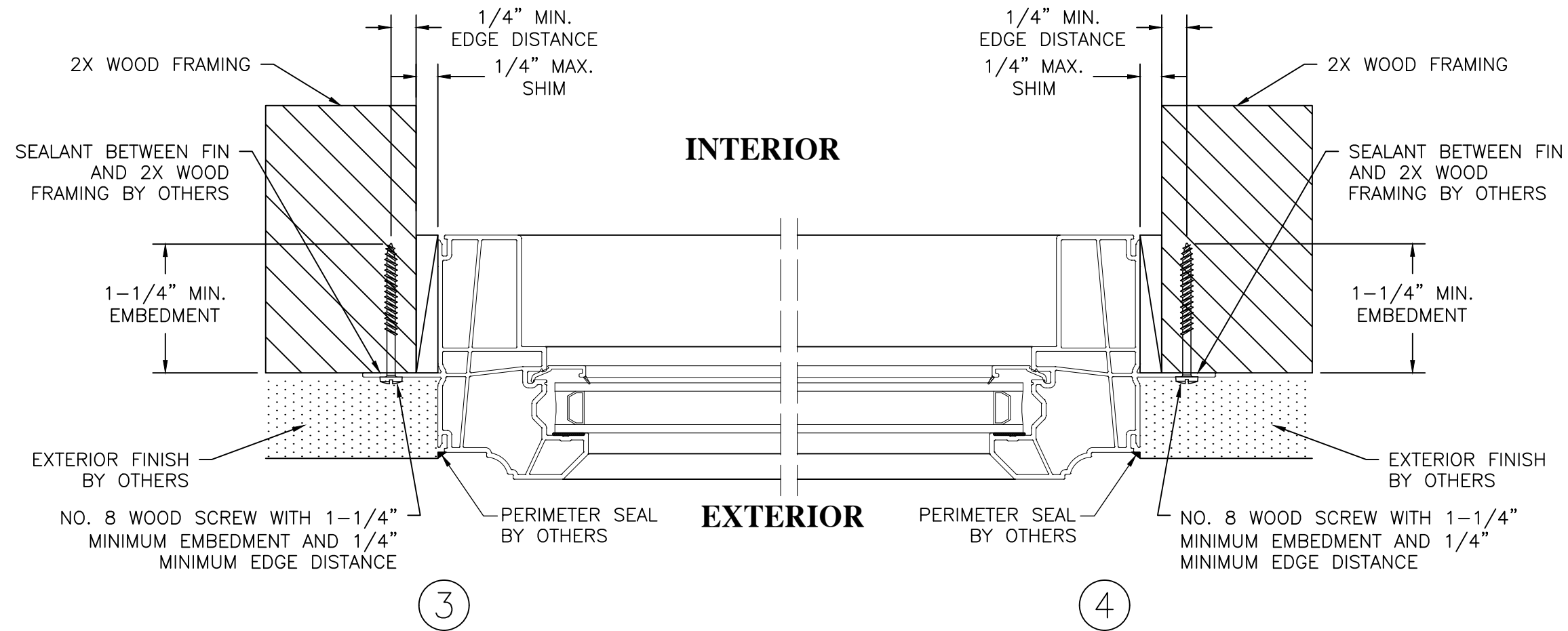
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	DRAWN BY: RJA				SCALE: N.T.S.	REV: A	
	PH: 507-625-4278 FAX: 507-625-7211						

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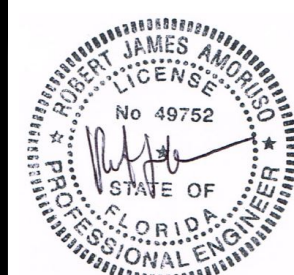
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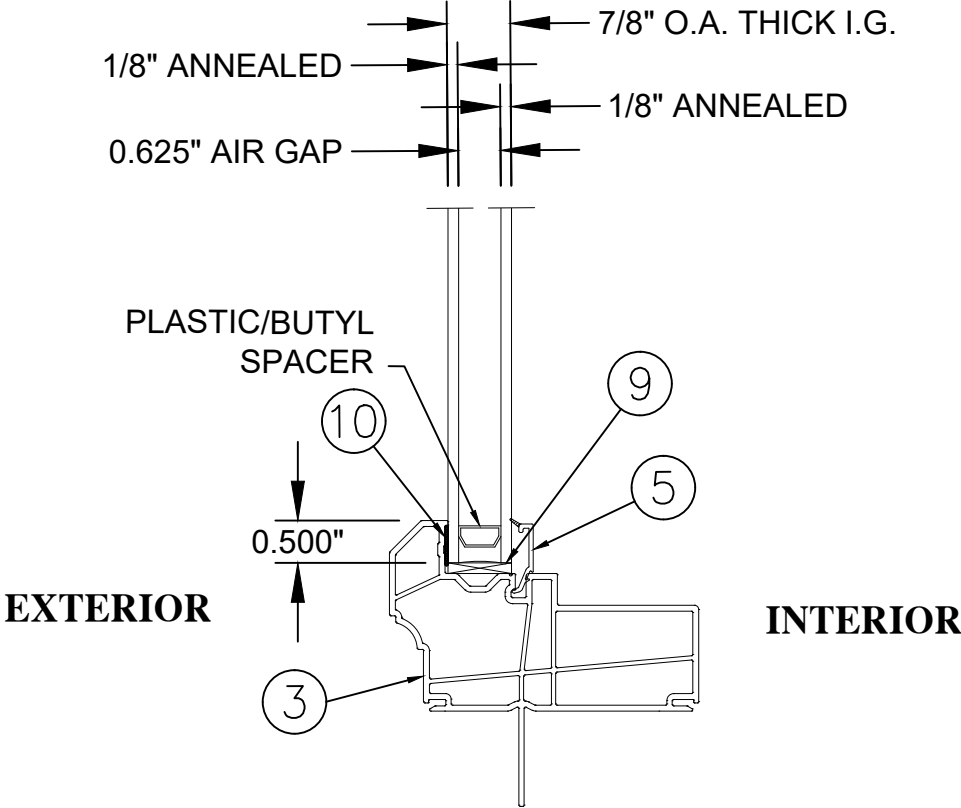
SERIES FL 643 PW FIXED (PICTURE) WINDOW
HORIZONTAL SECTION VIEWS
NAILING FIN FRAME INSTALLATION INTO 2X WOOD FRAMING



TYPICAL FIN INSTALLATION - JAMBS
NAILING FIN FRAME INSTALLATION INTO 2X WOOD FRAMING

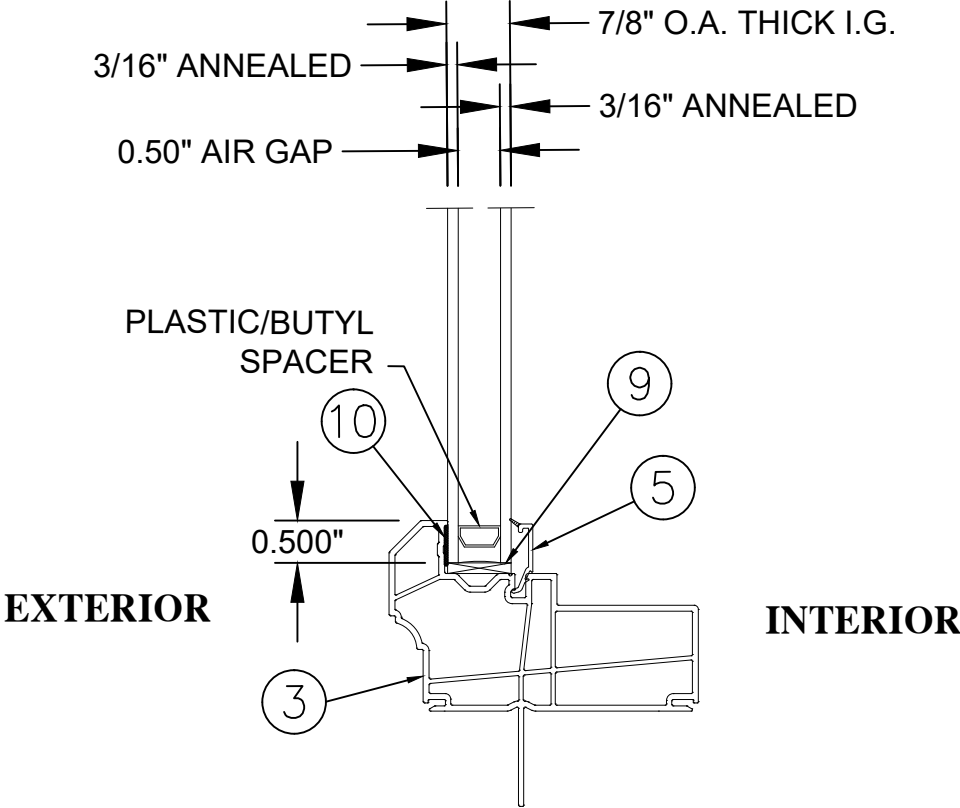
PROJECT NO. ACE-2020-105						RJA		BY	
						12/22/20		DATE	
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LINDSAY WINDOWS LLC 1995 COMMERCE DRIVE NORTH MANKATO, MN 56003		SERIES FL 643 PW FIXED (PICTURE) WINDOW (NI) HORIZONTAL SECTIONS - ANCHORAGE INSTALLATION DETAILS		DRAWN BY: RJA DATE: 5/1/19		DRAWING NO: 643.000PW		SHEET: 6 OF 7	
				SCALE: N.T.S.		REV: A			
				PH: 507-625-4278 FAX: 507-625-7211					
									
				Robert J. Amoruso, P.E. Florida P.E. No. 49752					
									
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SERIES FL 643 PW, FRAME - BILL OF MATERIALS					
ITEM NO.	MAT. TYPE	DESCRIPTION	QUANTITY	PART NO.	FAB DWG. NO
1	VINYL	HEAD	1	10008720	10008720-F-01
2	VINYL	JAMB	2	10008720	10008720-F-01
3	VINYL	SILL	1	10008720	10008720-F-02
4					
5	VINYL	HORIZONTAL GLAZING BEAD	2	10008127 / 10005470 (optional)	STRAIGHT OR 45
6	VINYL	VERTICAL GLAZING BEAD	2	10008127 / 10005470 (optional)	STRAIGHT OR 45
7					
8		7/8" INSULATED GLASS		SEE SHEET 7 GLAZING DETAILS	
9		SETTING BLOCKS (REFER TO IG SUPPLIER GUIDELINES)		SEE SHEET 7 GLAZING DETAILS	
10		GLAZING COMPOUND		SEE SHEET 7 GLAZING DETAILS	
11		WEEP COVER	2	97-03	



GLAZING DETAIL 1
7/8" O.A. IGU
FRAME SILL SHOWN
(ALL OTHER SECTIONS TYPICAL)

GLAZING METHOD
SET AGAINST DOUBLE-SIDED ADHESIVE
GLAZING TAPE AND SECURED WITH
RIGID VINYL GLAZING BEADS. THE SASH
WAS THE FIXED LITE IS INTERIOR
GLAZED WITH
1/2" GLASS BITE.



GLAZING DETAIL 2
7/8" O.A. IGU
FRAME SILL SHOWN
(ALL OTHER SECTIONS TYPICAL)

GLAZING METHOD
SET AGAINST DOUBLE-SIDED ADHESIVE
GLAZING TAPE AND SECURED WITH
RIGID VINYL GLAZING BEADS. THE SASH
WAS THE FIXED LITE IS INTERIOR
GLAZED WITH
1/2" GLASS BITE.

PROJECT NO. ACE-2020-105				RJA	BY
				12/22/20	DATE
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				REV	

LINDSAY WINDOWS LLC 1995 COMMERCE DRIVE NORTH MANKATO, MN 56003	TITLE: SERIES FL 643 PW FIXED (PICTURE) WINDOW (NI) BILL OF MATERIALS AND GLAZING DETAILS	DRAWN BY:	RJA	DATE:	5/1/19
		SCALE:	N.T.S.	DRAWING NO:	643.000PW
		PH: 507-625-4278 FAX: 507-625-7211	REV:	A	SHEET: 7 OF 7
					

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