

REGENCY PLUS, INC.

1314 VINYL DOUBLE HORIZONTAL SLIDING WINDOW

SERIES 1000 ANNEAL GLAZING PACKAGE

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1.

THE PRODUCT SHOWN HEREIN IS TESTED AND DESIGNED TO COMPLY WITH REQUIREMENTS OF THE 9TH EDITION (2026) FLORIDA BUILDING CODE, BUILDING AND RESIDENTIAL VOLUMES EXCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
2.

WOOD FRAMING, 2X WOOD BUCK, METAL FRAMING AND CONCRETE/MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. FRAMING AND CONCRETE/MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD. APPROVED INSTALLATION SUBSTRATES INCLUDE THE FOLLOWING:

2.1.

WOOD FRAMING

2.2.

STEEL STUD FRAMING AND

2.3.

CONCRETE AND/OR MASONRY
3.

1X BUCK OVER CONCRETE/MASONRY IS OPTIONAL. WHERE 1X BUCKS ARE USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME AND 1X BUCK INTO CONCRETE/MASONRY SUBSTRATE. WHERE 1X BUCK IS NOT USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME INTO CONCRETE/MASONRY SUBSTRATE. 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 PRODUCT SHOWN HEREIN HAS BEEN TESTED TO THE FOLLOWING.

4.1.

AAMA/WDMA/CSA 101/I.S.2/A440-17. SEE TEST REPORT NO. NCTL-110-23042-1, DATED 02/06/20 BY NATIONAL CERTIFIED TESTING LABORATORIES, YORK, PA.
5.

APPROVED IMPACT PROTECTIVE SYSTEM IS REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
6.

MATERIAL:

6.1.

FRAME: EXTRUDED RIGID PVC BY VISION EXTRUSIONS GROUP LIMITED PER CURRENT MIAMI-DADE NOTICE OF ACCEPTANCE (NOA).

6.2.

REINFORCEMENT: GALVANIZED STEEL TUBE - SASH STILES
6.

GLAZING:

6.1.

GLAZING DETAIL AS TESTED: OVERALL 0.84" (22.10 MM) NOMINAL

6.1.1.

GLASS THICKNESS (2) LITES OF 5/32" (4 MM) NOMINAL ANNEALED GLASS

6.1.2.

SPACER TYPE/SIZE 0.564" (14.33 MM) CARDINAL XL EDGE STAINLESS STEEL SPACER (TYPE SS-D)

6.1.3.

GLAZING SYSTEM INTERIOR GLAZED AGAINST A (2)-LEAF DUAL DUROMETER BACK-BEDDING AND A SNAP-IN (2)-LEAF DUAL DUROMETER RIGID VINYL GLAZING BEAD.

6.2.

AS TESTED GLAZING MEETS ASTM E1300-24 FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT APPROVAL DOCUMENT.

6.3.

ALTERNATE GLAZING MEETING THE REQUIREMENTS OF AAMA/WDMA/CSA 101/I.S.2/A440 SHALL BE ALLOWED PER ASTM E1300.

6.4.

7.

DESIGNATION "X" STANDS FOR OPERABLE SASH.

8.

INTERIOR AND EXTERIOR FINISHING AND SEALING ARE FOR ILLUSTRATIVE PURPOSES ONLY. THESE DRAWINGS CERTIFY THE WINDOW INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED WINDOW IS NOT PART OF THIS INSTALLATION INSTRUCTION.

INSTALLATION NOTES:

1.

ONE INSTALLATION ANCHOR SHALL BE USED AT EACH ANCHOR LOCATION SHOWN IN ELEVATION ON SHEET 2.
2.

SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS. MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4".
3.

ANCHOR QUANTITIES AND SPACING / EMBEDMENT AND EDGE DISTANCE

3.1.

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 ELEVATION ON SHEET 2.

3.2.

END DISTANCES AND O.C. SPACING LESS THAN THAT SHOWN IN THE ELEVATION ON SHEET 2 ARE ACCEPTABLE.

3.3.

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

3.4.

ANCHOR QUANTITIES AND SPACING SHOWN ARE BASED ON THE LOWER OF ANCHOR SPACING USED IN TESTING OR REQUIRED BY LOADING AT DESIGN PRESSURE.
4.

SUBSTRATE ANCHORING METHODS:

4.1.

FOR ANCHORING INTO CONCRETE/MASONRY USE 3/16" HEX HEAD OR FLAT HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/8" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.

4.2.

FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE #12 PAN HEAD (SHOWN) OR FLAT HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 7/8" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.

4.3.

FOR ANCHORING INTO METAL STRUCTURE USE #12 PAN HEAD OR FLAT HEAD SMS OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
5.

ALL FASTENERS TO BE CORROSION RESISTANT, AND/OR HAVE A CORROSION RESISTANT COATING, OR MEET THE REQUIREMENTS OF SECTION 1711, 9TH EDITION (2026) FBC AND SECTION R332, 9TH EDITION (2026) FRC WHEN APPLICABLE.
6.

INTERIOR AND EXTERIOR FINISHES BY OTHERS. NOT SHOWN FOR CLARITY.
7.

PERIMETER AND JOINT SEALANT BY OTHERS TO BE DESIGNED AND/OR SPECIFIED IN ACCORDANCE WITH ASTM E2112.
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 BELOW:

8.1.

WOOD - MINIMUM SPECIFIC GRAVITY OF G=0.42

8.2.

CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI

8.3.

MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT WITH DENSITY > 117 PCF

8.4.

METAL STRUCTURE: STEEL 18GA (0.0428"), 33KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM

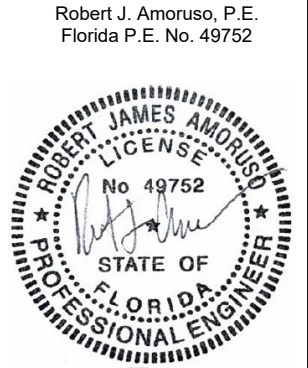
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PERFORMANCE RATING			
MAXIMUM NOMINAL WINDOW SIZE	GLAZING DETAIL (SEE SHEET 3)	DESIGN PRESSURE (PSF)	IMPACT RATING
74" x 63"	A	+/- 40	NONE

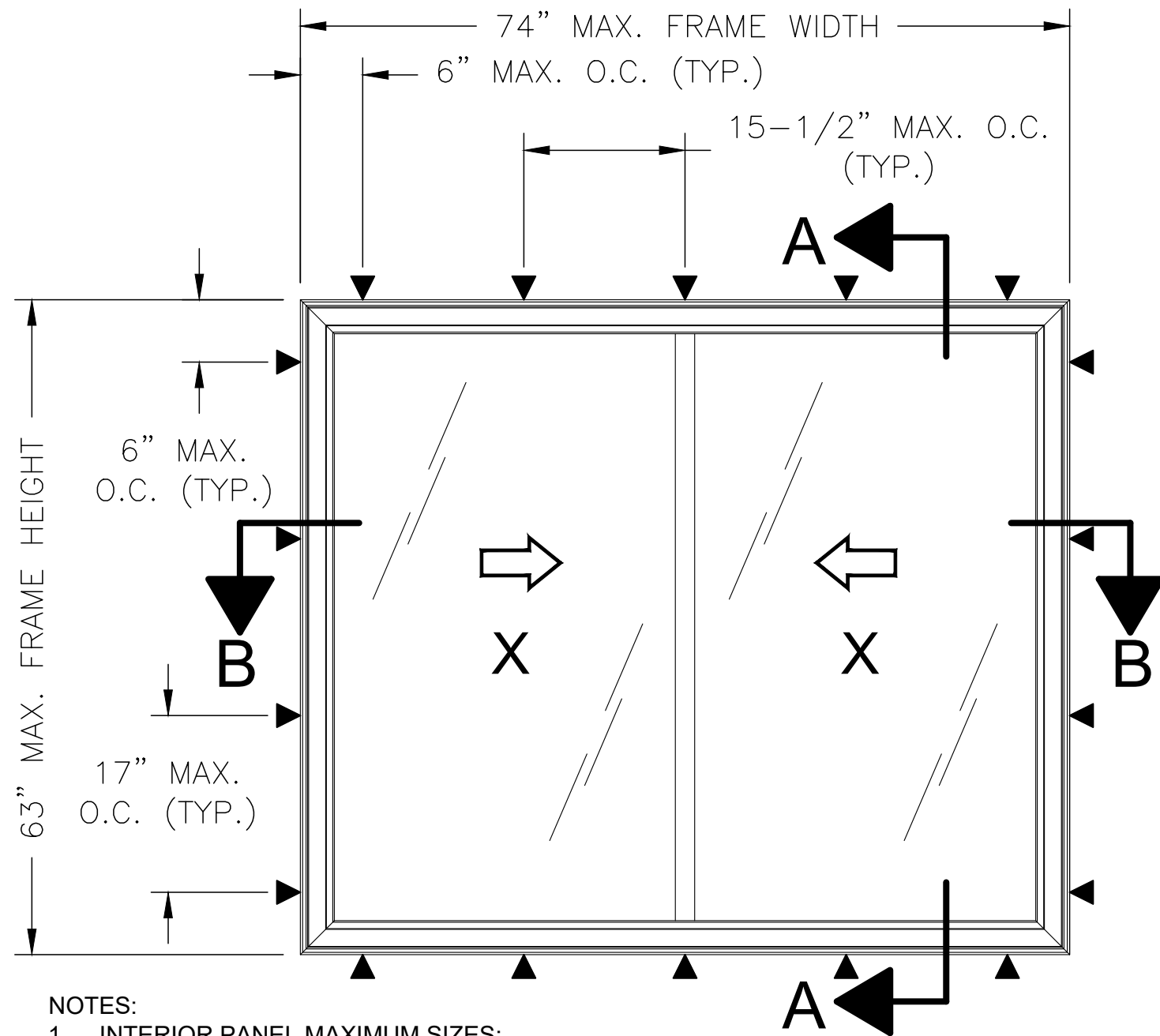
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PROJECT No. ACE-2025-131			RJA	RJA	BY
			7/28/26	5/31/23	DATE
		2026 FBC UPDATE	UPDATED BOM REFERENCES		DESCRIPTION
	B	A		REV	

REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851	TITLE: 1314 VINYL DOUBLE HORIZ. SLIDING WINDOW / SERIES 1000 ANNEAL GLAZING					
	GENERAL NOTES & INSTALLATION NOTES					
	DRAWN BY: RJA	DATE: 3/30/2020	DRAWING NO: RPLS0082	SCALE: N.T.S.	SHEET: 1 OF 4	REV: B
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM						

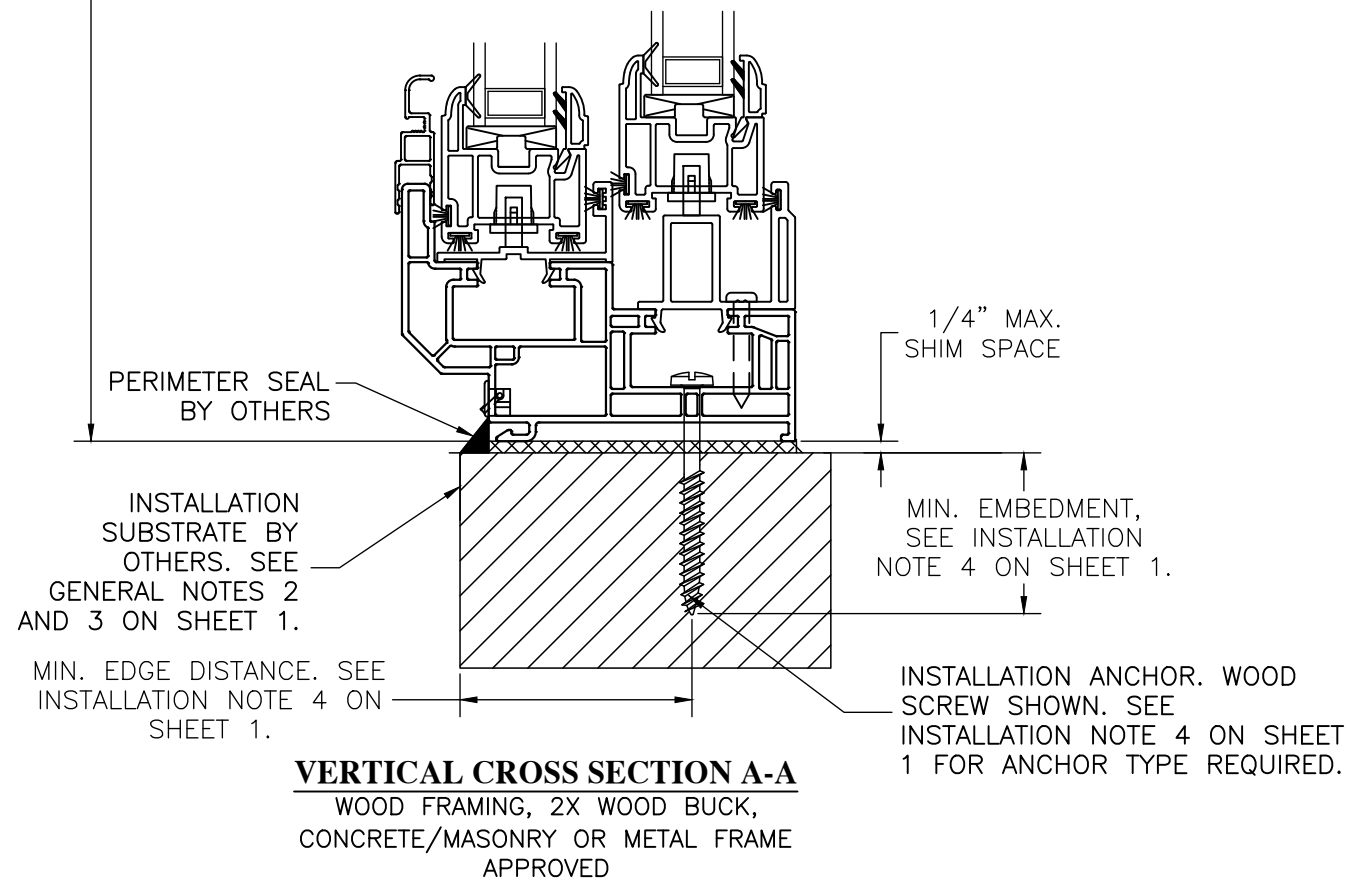
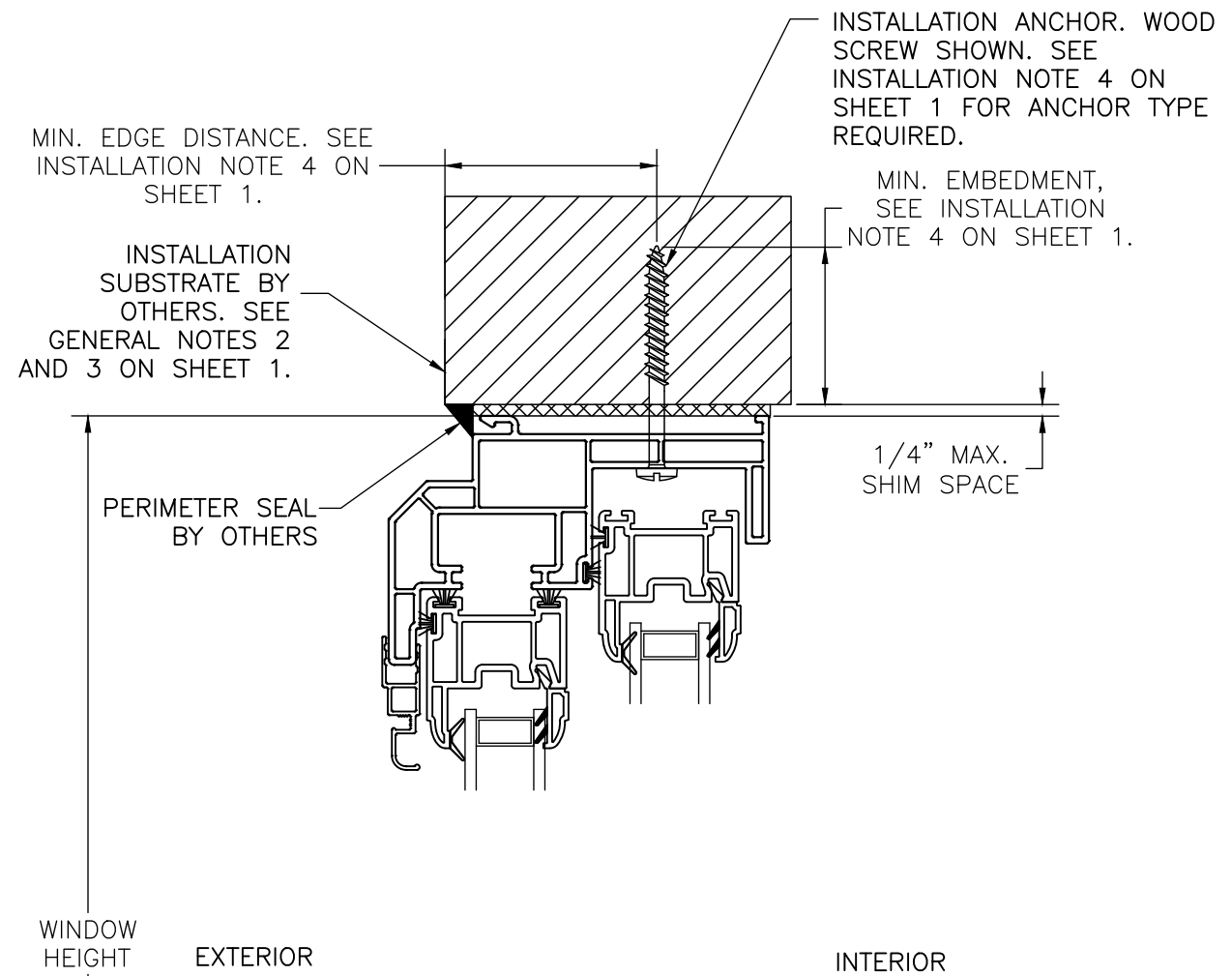


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NOTES:

- INTERIOR PANEL MAXIMUM SIZES:
 - SASH SIZE: 36" X 59.75"
 - SASH D.L.O.: 32.25" X 56.25"
- EXTERIOR PANEL MAXIMUM SIZES:
 - SASH SIZE: 36" X 59"
 - SASH D.L.O.: 32.25" X 55.375"
- WEEP DESCRIPTION
 - 0.186" DIAMETER 1.125" AND 1.625" FROM EACH END OF THE BOTTOM RAILS.
 - 0.25" X 0.25" WEEP HOLE 0.625" FROM EACH END OF THE BOTTOM RAILS.
 - 0.75" X 0.375" WEEP HOLE AT EACH END OF THE INTERIOR SILL TRACK.
 - 1" X 0.25" 2.75" WEEP HOLE FROM EACH END OF THE SILL DRAINING THE EXTERIOR SILL TRACK.
 - 1.25" X 0.25" WEEP HOLE WITH PLASTIC WEEP COVER 3.75" FROM EACH END OF THE EXTERIOR SILL FACE.
 - 0.375" DIAMETER AT EXTERIOR SILL FACE MIDSPAN.



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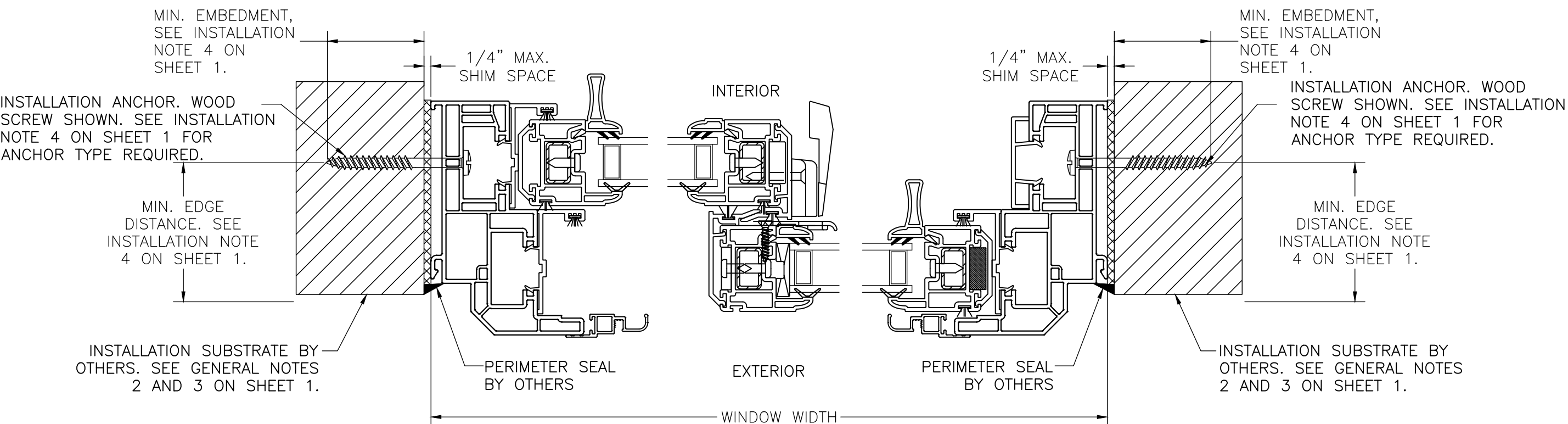
TITLE: 1314 VINYL DOUBLE HORIZ. SLIDING WINDOW / SERIES 1000 ANNEAL GLAZING
ELEVATION W/ANCHORAGE LOCATIONS & VERTICAL SECTION

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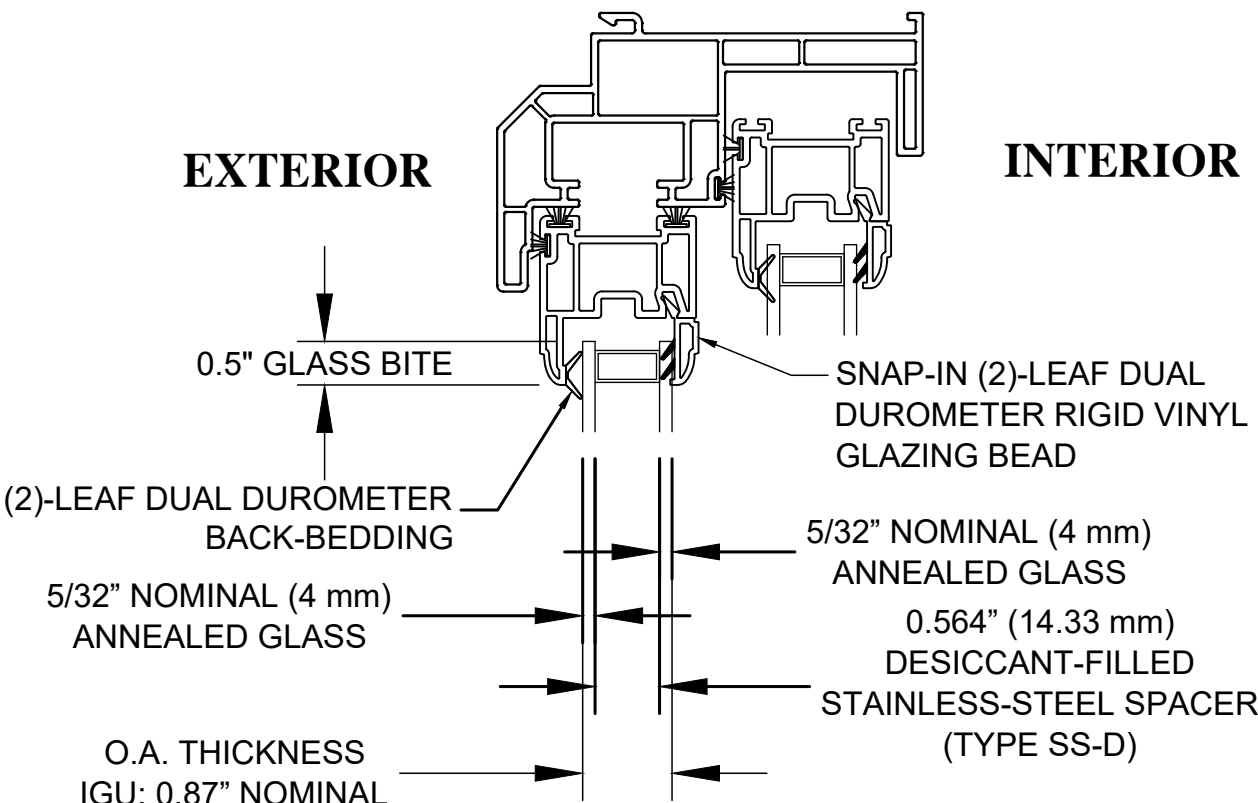
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HORIZONTAL CROSS SECTION B-B
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED



GLAZING DETAIL A

NOTES:
1. EXTERIOR OPERABLE SASH HEAD SHOWN. INTERIOR
OPERABLE SASH SAME. ALL OTHER GLAZING DETAILS SAME
FOR OPERABLE SASHES AT JAMBS AND SILL GLAZING.

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TITLE: 1314 VINYL DOUBLE HORIZ. SLIDING WINDOW / SERIES 1000 ANNEAL GLAZING HORIZONTAL SECTION & GLAZING DETAIL		DRAWN BY: RJA		SCALE: N.T.S.		REV: B	
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM							

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BILL OF MATERIALS

1314 VINYL DOUBLE SLIDER WINDOW / SERIES 1000 ANNEAL GLAZING PACKAGE							
Supplier	Part Numbers	Description	Quantity	Supplier	Part Numbers	Description	Quantity
VISION EXTR. GRP. LTD	IV White 7780	Master Frame (H)	2	Adept	2584	Tension Springs	2
VISION EXTR. GRP. LTD	IV White 7780	Master Frame (W)	1	Phifer	3002606	Fiberglass Screen Cloth Charcoal / 70" x 58'	1
VISION EXTR. GRP. LTD	IV White 7782	Master Frame Three Panel Header (W)	1	Imperial Plastic USA	EX-FLX-Q165-BK	Screen Spline (H / W)	4
VISION EXTR. GRP. LTD	IV White 1282 / 7750	Sash Frame (Operating Sash) / (H)	4	Hygrade Metals	W58W	Muntin Bar	1
VISION EXTR. GRP. LTD	IV White 1282 / 7750	Sash Frame (Operating Sash) / (W)	4	Hygrade Metals	D58P	Muntin Bar End Pins	2
VISION EXTR. GRP. LTD	IV White 1067 / 7745	Glazing Bead Stop (Operating Sashes) / (H)	2	Hygrade Metals	CK252X260	Aluminum Corner Keys	4
VISION EXTR. GRP. LTD	IV White 1067 / 7745	Glazing Bead Stop (Operating Sashes) / (W)	4	Hygrade Metals	ST-1877A-144-0.032	Operating Sashes / (H-4)	4
VISION EXTR. GRP. LTD	IV White 1068 / 7747	Glazing Liftrail Handle (Operating Sashes) / (H)	2	Product Design	H-884	Screen Clip Clear	2
VISION EXTR. GRP. LTD	IV White 2196 / 7740	Sill Pocket Cover Inside Track / (W)	1	Product Design	H-3150	Screen Clip Clear	2
VISION EXTR. GRP. LTD	IV White 1073 / 7724	Pocket Cover Inside Track / (H)	2	Product Design	H-808WHZ	Weep Hole Cover White	2
VISION EXTR. GRP. LTD	IV White 1073 / 7724	Pocket Cover Outside Track / (W)	1	Product Design	H-706RH	Internal Tilt Latch	1
VISION EXTR. GRP. LTD	IV White 1073 / 7724	Pocket Cover Inside Track / (H)	2	Product Design	H-705RH	Internal Tilt Latch	1
VISION EXTR. GRP. LTD	IV White 1078 / 7725	Sash Cover (Keeper Sash) / (H)	1	Product Design	H-707	Push Guides	2
VISION EXTR. GRP. LTD	IV White 1078 / 7725	Sash Cover (Lock Sash) / (H)	1	Product Design	WR03	Slider Rollers / Brass / Ball Bearing Option	4
VISION EXTR. GRP. LTD	IV White 1180 / 7727	Interlock Cover (Keeper Sash) / (H)	1	RH Products	HH-66 Vinyl Cement	Interlock Cover (Operating Sash) / Lock Sash (H)	1
VISION EXTR. GRP. LTD	IV White 1180 / 7727	Interlock Cover (Lock Sash) / (H)	1	RH Products	HH-66 Vinyl Cement	Interlock Cover (Operating Sash) / Keeper Sash (H)	1
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (H) / 1073 / 7724 / Inside Track	2	S.I.L. Plastic	00156-C001	Liftrail End Caps White	4
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (W) / 2196 / 7740 / Inside Track	1	Smith Staple	BEA 80/10	Stainless Steel Staples 3/8 x 1/2 Sash (W)	8
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (H) / 1073 / 7724 / Outside Track	2	Lindenmeyr	W0511022	30PP12-18P50-9/16 X1 3/8 X 3 Foam Block	2
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (W) / 1073 / 7724 / Outside Track	1	James Spring Wire	9811123	Standard Grade Spring Non Impact	2
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Sash Frame (W) / 1282 / 7750 / Keeper Sash Bot	2	Novagard Silicones	02-MX0150010C2	Accessory Parts Installation Translucent	1
Ultra-Fab	W43383NW0000	.210 x .380 Fin Seal Sash Frame (W) / 1282 / 7750 / Keeper Sash Top	2	Vision Industries	1713EW	Vent Lock Keeper Sash (W)	1
Ultra-Fab	D3202AMW	.875 x Ultra Plug (H) / 1180 / 7727 / Lock Sash	2	Vision Industries	3220SS-003-EW	Safe Seal Lock	2
Ultra-Fab	W23301NW0000	.187 x .300 Fin Seal Interlock Cover (H) / 1180 / 7727 / Keeper Sash	1	Vision Industries	8292A-003-EW	Safe Seal Keeper	2
Ultra-Fab	W23301NW0000	.187 x .300 Fin Seal Interlock Cover (H) / 1180 / 7727 / Lock Sash	1	Frank Lowe	2NB-8K-0.125-032-064	Glass Setting Blocks Sash (W) Top / Sash (H)	12
Ultra-Fab	W112257W0000	.270 x .220 Fin Seal Sash Frame (W) / Single Leg Screen Frame	2	GLF Corporation	120376	# 8 x 1 1/4" Tek White / Locks	4
Shapes Unlimited	06516NEW192	Single Leg Frame New White (W)	2	GLF Corporation	116821	# 6 x 1" Tek White / Keepers	4
Shapes Unlimited	06516NEW192	Single Leg Frame New White (H)	1	GLF Corporation	117595	# 6 x 5/8" Tek / Sash Rebar (H)	16
Shapes Unlimited	06515NEW192	Double Leg Frame New White	1	GLF Corporation	116506	# 5 x 3/8" Tek / Screen Clips White	4
				GLF Corporation	401168	# 12 x 3" Flat / Installation Screws	10
				Cardinal	Single Strength Anneal	Operating Lock Sash / 3.9 Q366 / 15.8 FED / 3.9	1
				Cardinal	Single Strength Anneal	Operating Lock Keeper / 3.9 Q366 / 15.8 FED / 3.9	1

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BILL OF MATERIALS

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SHEET: 4 OF 4

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LICENSE

No 49752

STATE OF FLORIDA

PROFESSIONAL ENGINEER

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