

REGENCY PLUS, INC.

1313 VINYL TILT DOUBLE HUNG WINDOW

SERIES 1000 ANNEAL GLAZING PACKAGE

INSTALLATION ANCHORAGE DETAILS

GENEREAL NOTES:

1.

THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE CURRENT FLORIDA BUILDING CODE 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-110-23043-1, DATED 02/04/20 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

6.2.

REINFORCEMENT: GALVANIZED STEEL TUBE - SASH RAILS.
7.

GLAZING:

7.1.

GLAZING DETAIL AS TESTED: OVERALL 0.900" (22.86 MM) NOMINAL

7.1.1.

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

7.1.2.

SPACER TYPE/SIZE 0.594" (15.09 MM) DESICCANT-FILLED STAINLESS-STEEL SPACER (TYPE SS-D)

7.1.3.

GLAZING SYSTEM INTERIOR GLAZED AGAINST A (2)-LEAF DUAL DUROMETER BACK-BEDDING AND A

7.1.4.

SNAP-IN (2)-LEAF DUAL DUROMETER RIGID VINYL GLAZING BEAD.

7.2.

AS TESTED GLAZING MEETS ASTM E1300-09e FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT APPROVAL DOCUMENT.

7.3.

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

8.

DESIGNATION "X" STANDS FOR OPERABLE SASH.

9.

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" FLAT HEAD OR HEX 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 FLAT HEAD (SHOWN) OR PAN 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 FLAT HEAD OR PAN 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.

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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2	ELEVATION WITH ANCHORAGE LOCATIONS & VERTICAL SECTION
3	HORIZONTAL SECTIONS & GLAZING DETAIL
4	BILL OF MATERIALS

PERFORMANCE RATING			
MAXIMUM NOMINAL WINDOW SIZE	GLAZING DETAIL (SEE SHEET 3)	DESIGN PRESSURE (PSF)	IMPACT RATING
53" x 77"	A	+/- 40	NONE

PROJECT #422-0616

REGENCY PLUS, INC.
2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

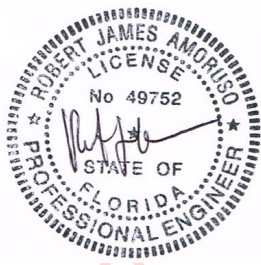
TITLE: 1313 VINYL TILT DOUBLE HUNG WINDOW / SERIES 1000 ANNEAL GLAZING
GENERAL NOTES & INSTALLATION NOTES

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

DATE: 3/26/2020
DRAWING NO: RPLS0081
SHEET: 1 of 4

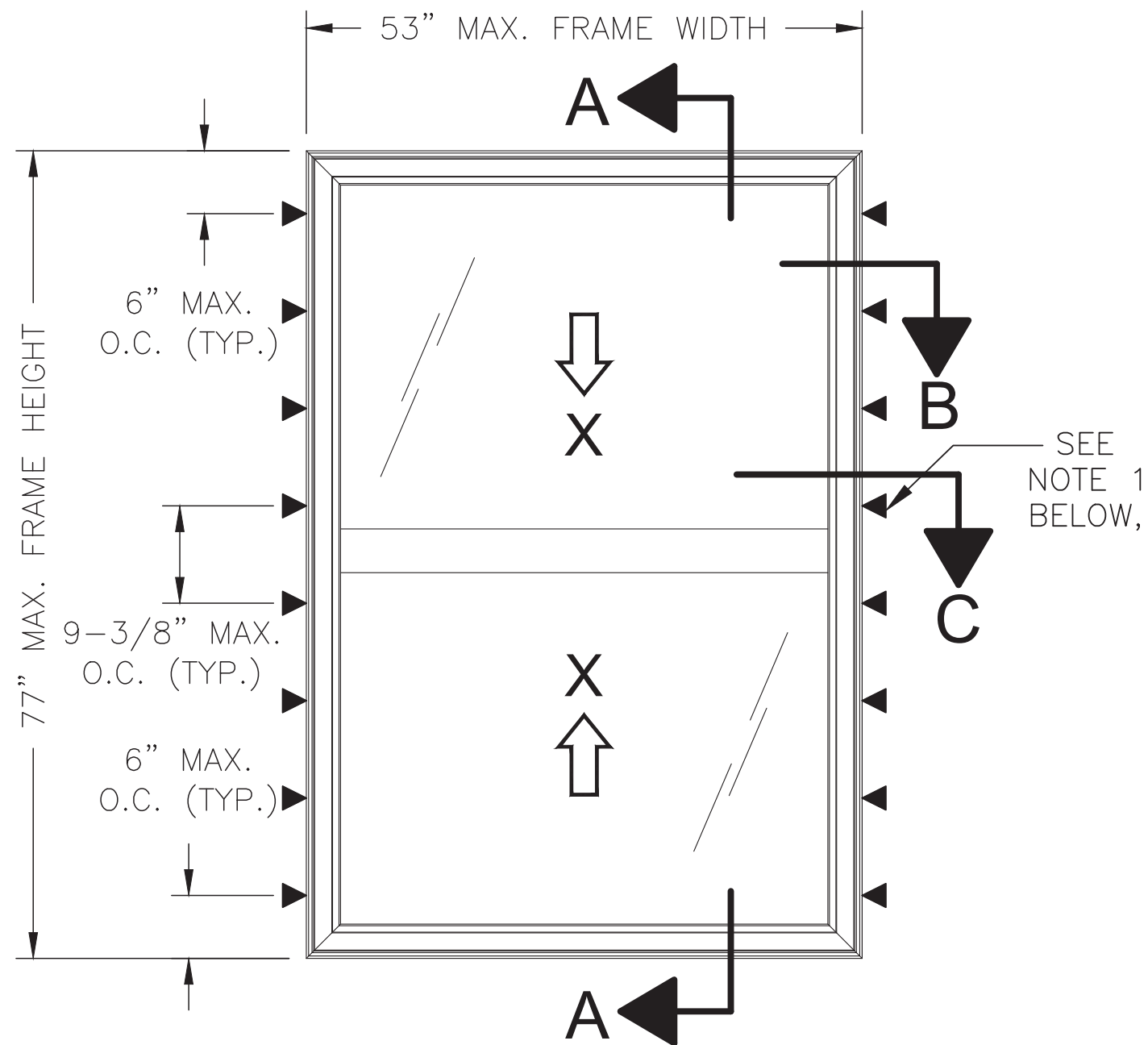
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Digitally signed by Robert J Amoruso
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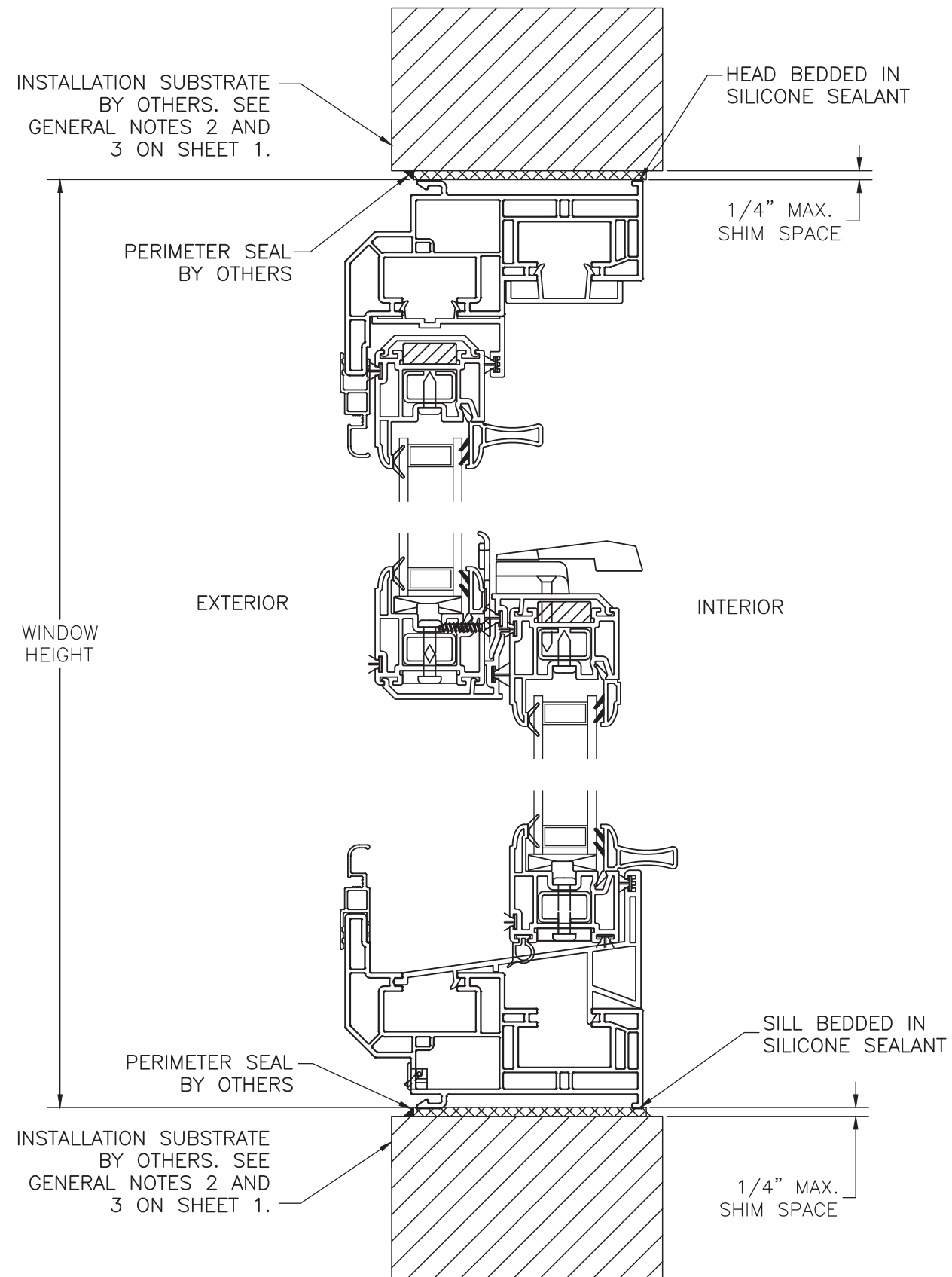
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ELEVATION
EXTERIOR VIEW

NOTES:

1. THIS ANCHOR LOCATED ON EXTERIOR JAMB TRACKS. ALL OTHER ANCHORS LOCATED ON INTERIOR JAMB TRACKS.
2. MAXIMUM TOP SASH SIZE: 49.563" X 36.938"; MAXIMUM BOTTOM SASH SIZE: 50.25" X 37"
3. MAXIMUM TOP SASH D.L.O.: 46" X 33.438"; MAXIMUM BOTTOM SASH D.L.O.: 46.813" X 33.313"
4. WEEP DESCRIPTION:
 - 4.1. 0.938" X 0.25" WEEP HOLE AT 2.75" FROM EACH END OF EXTERIOR SILL FACE.
 - 4.2. 1.28" X 0.3" WEEP HOLE WITH COVERS AT 3.625" FROM EACH END OF EXTERIOR SILL FACE.
 - 4.3. 0.75" X 0.375" WEEP HOLE AT EACH END OF INTERIOR SILL TRACK.



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

PROJECT #422-0616

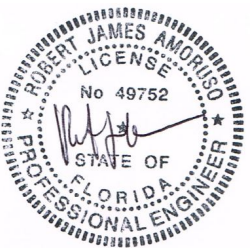
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ELEVATION W/ANCHORAGE LOCATIONS & VERTICAL SECTION

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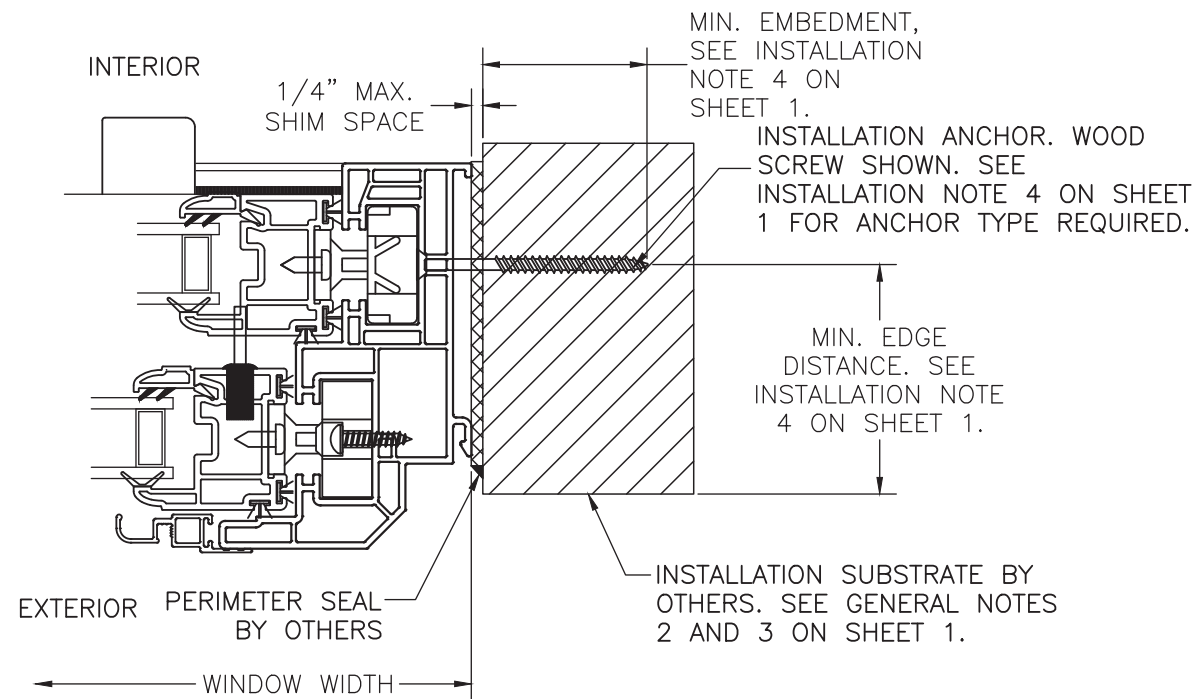
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DRAWING NO: RPLS0081
SHEET: 2 of 4

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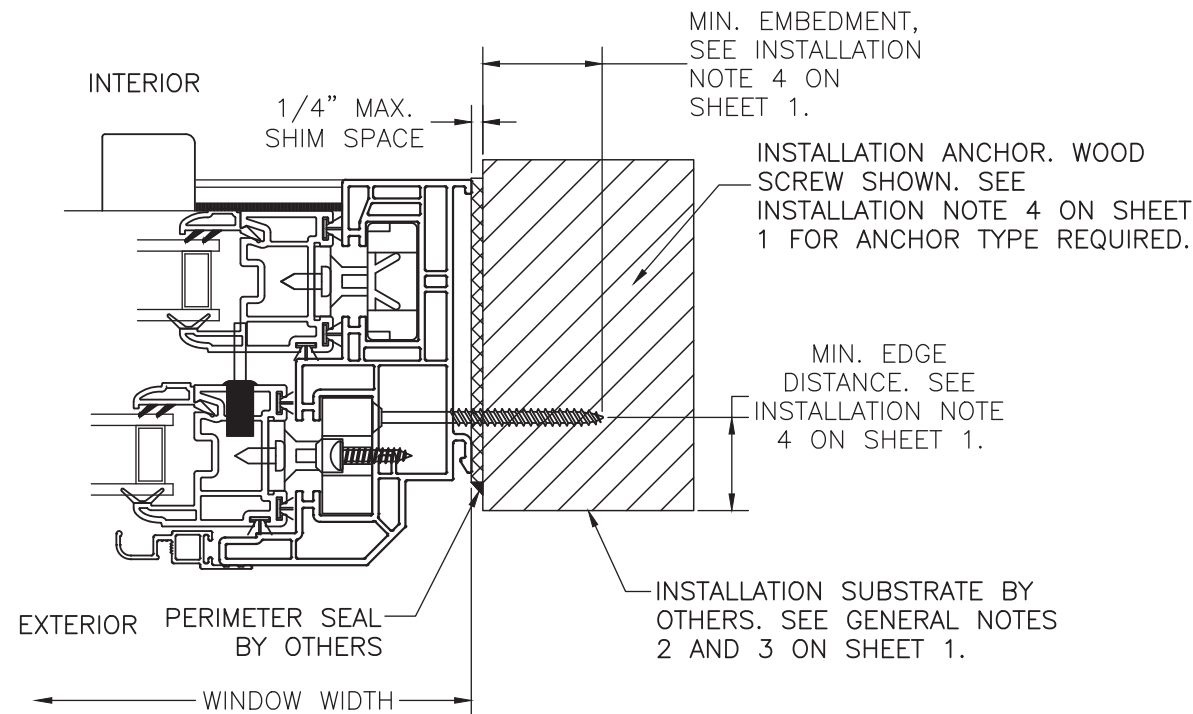
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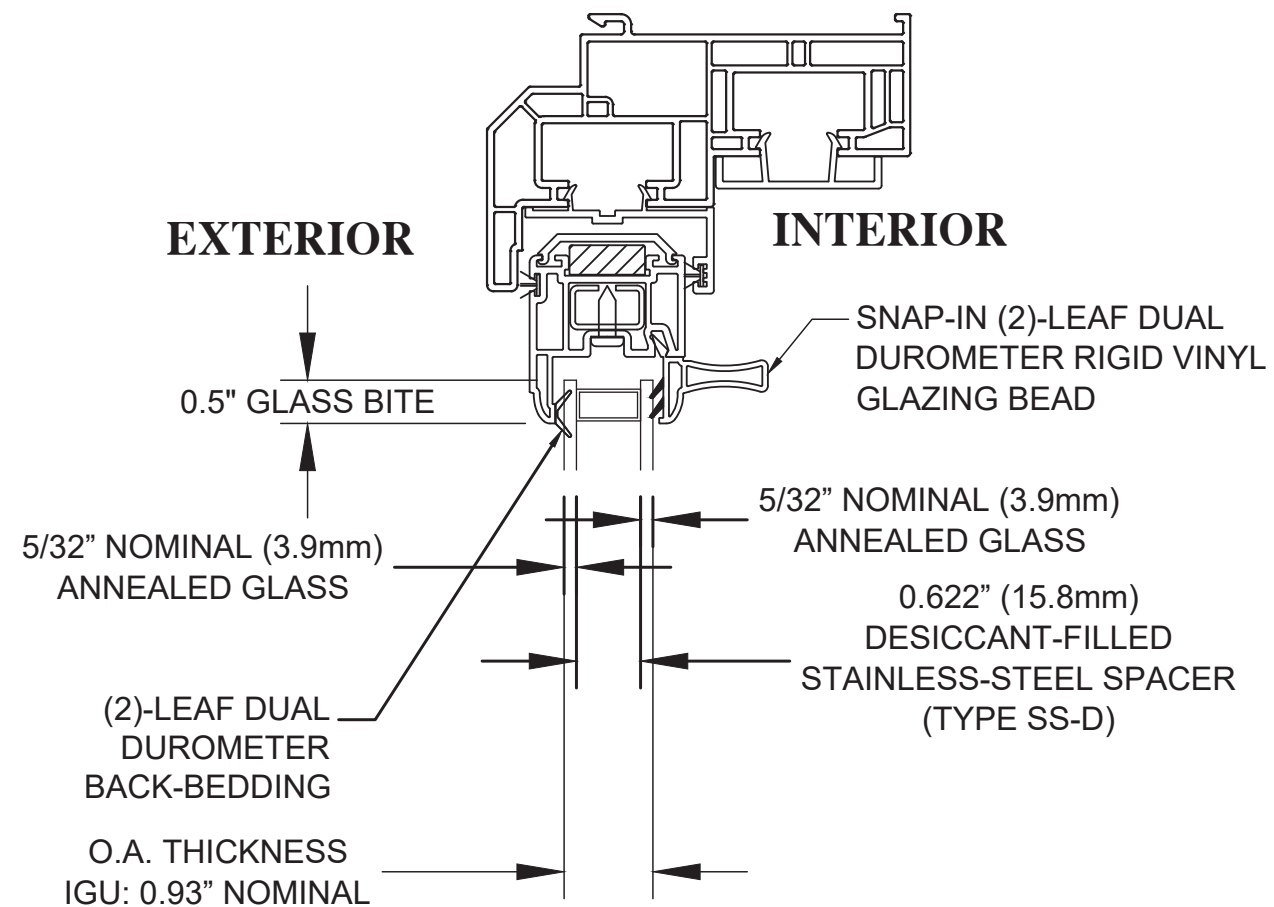
HORIZONTAL (JAMB) CROSS SECTION B-B APPLICABLE TO BOTH JAMBS

WOOD FRAMING, 2X WOOD BUCK, CONCRETE/MASONRY OR METAL FRAME
APPROVED.
ANCHOR INSTALLATION AT INTERIOR JAMB (SEE ELEVATION ON SHEET 2).



HORIZONTAL (JAMB) CROSS SECTION C-C APPLICABLE TO BOTH JAMBS

WOOD FRAMING, 2X WOOD BUCK, CONCRETE/MASONRY OR METAL FRAME
APPROVED.
ANCHOR INSTALLATION AT EXTERIOR JAMB (SEE ELEVATION ON SHEET 2).



GLAZING DETAIL A

NOTES:

- UPPER OPERABLE SASH HEAD SHOWN. ALL OTHER GLAZING DETAILS SAME FOR OPERABLE SASHES AT JAMBS AND SILL GLAZING.

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HORIZONTAL SECTIONS & GLAZING DETAIL

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SHEET: 3 of 4

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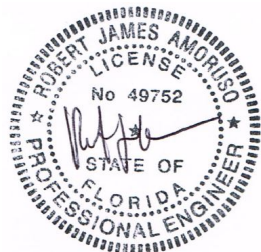
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BILL OF MATERIALS

1313 VINYL TILT DOUBLE HUNG WINDOW / SERIES 1000 ANNEAL GLAZING PACKAGE				
Supplier	Part Numbers	Description	Quantity	
VISION EXTR. GRP. LTD	IV White 7780	Master Frame (H)	2	
VISION EXTR. GRP. LTD	IV White 7780	Master Frame (W)	2	
VISION EXTR. GRP. LTD	IV White 1282 / 7750	Sash Frame (Operating Sash) / (H)	4	
VISION EXTR. GRP. LTD	IV White 1282 / 7750	Sash Frame (Operating Sash) / (W)	4	
VISION EXTR. GRP. LTD	IV White 1067 / 7745	Glazing Bead Stop (Operating Sashes) / (H)	4	
VISION EXTR. GRP. LTD	IV White 1067 / 7745	Glazing Bead Stop (Operating Sashes) / (W)	2	
VISION EXTR. GRP. LTD	IV White 1068 / 7747	Glazing Liftrail Handle (Operating Sashes) / (W)	2	
VISION EXTR. GRP. LTD	IV White 1073 / 7724	Pocket Cover Head / (W)	1	
VISION EXTR. GRP. LTD	IV White 1078 / 7725	Sash Cover Head (Keeper Sash) / (W)	1	
VISION EXTR. GRP. LTD	IV White 1180 / 7727	Interlock Cover (Operating Sashes) / (W)	2	
VISION EXTR. GRP. LTD	IV White 1070 / 7736	Sash Stop Frame Cover / (H)	2	
VISION EXTR. GRP. LTD	IV White 1070 / 7736	Sash Stop Frame Cover Head / (W)	1	
VISION EXTR. GRP. LTD	IV White 1181 / 7738	Sloped Sill / (W)	1	
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (W) / 1073 / 7724 / Frame Head	1	
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (W) / 1181 / 7738 / Frame Sill	1	
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Sash Frame (H) / 1282 / 7750 / Keeper Sash	4	
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Sash Frame (H) / 1282 / 7750 / Lock Sash	4	
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Sash Frame (W) / 1282 / 7750 / Lock Sash	1	
Ultra-Fab	E20718WN2020	.200 x .340 H-Bulb Seal Sash Frame (W) 1282 / 7750 / Lock Sash	1	
Ultra-Fab	W23301NW0000	.187 x .300 Fin Seal Interlock Cover (W) / 1180 / 7727 / Keeper Sash	1	
Ultra-Fab	W23301NW0000	.187 x .300 Fin Seal Interlock Cover (W) / 1180 / 7727 / Lock Sash	1	
Ultra-Fab	W112257W0000	.270 x .220 Fin Seal Sash Frame (H) / Single Leg Screen Frame	2	
Shapes Unlimited	06516NEW192	Single Leg Frame New White	3	
Shapes Unlimited	06515NEW192	Double Leg Frame New White	1	
Adept	2584	Tension Springs	2	
Phifer	3002606	Fiberglass Screen Cloth Charcoal / 60" x 96'	1	
Imperial Plastic USA	EX-FLX-Q165-BK	Screen Spline (H / W)	4	
Hygrade Metals	W58W	Muntin Bar	1	
Hygrade Metals	D58P	Muntin Bar End Pins	2	
Hygrade Metals	CK252X260	Aluminum Corner Keys	4	
Hygrade Metals	ST-226-144-0.052	Operating Sash / (W-1) Lock Sash / Impact Lock Top / Heavy Rebar	1	
Hygrade Metals	ST-226-144-0.052	Operating Sash / (W-1) Lock Sash / Bottom / Light Rebar	1	
Hygrade Metals	ST-226-144-0.052	Operating Sash / (W-1) Keeper Sash / Impact Lock Top / Heavy Rebar	1	
Hygrade Metals	ST-226-144-0.052	Operating Sash / (W-1) Keeper Sash / Bottom / Light Rebar	1	

Supplier	Part Numbers	Description	Quantity
Product Design	H-884	Screen Clip Clear	2
Product Design	H-3150	Screen Clip Clear	2
Product Design	H-808WHZ	Weep Hole Cover White	2
RH Products	HH-66 Vinyl Cement	Interlock Cover (Operating Sash) / Lock Sash (W)	1
RH Products	HH-66 Vinyl Cement	Interlock Cover (Operating Sash) / Keeper Sash (W)	1
Amesbury / Truth	803829	29 lb. 3 Coil / 984 Series / Constant Force Balance	4
S.I.L. Plastic	00156-C001	Liftrail End Caps White	4
Smith Staple	BEA 80/10	Stainless Steel Staples 3/8 x 1/2 Sash (W) (H)	20
Lindenmeyr	W0511022	30PP12-18P50-9/16 X1 3/8 X 3 Foam Block	2
Lamatek	21300-00077	.75 White Balance Plug	4
James Spring Wire	CS025	Hurricane Grade Spring	4
Novagard Silicones	02-MX0150010C2	Accessory Parts Installation Translucent	1
Vision Industries	1713EW	Vent Locks Keeper Sash (H)	2
Vision Industries	1057A-003-EW	Hurricane Tilt Latch	4
Vision Industries	3220SS-003-EW	Safe Seal Lock	2
Vision Industries	8292A-003-EW	Safe Seal Keeper	2
Vision Industries	6987	Pivot Bars / T-Shaped Head	4
Frank Lowe	2NB-8K-0.125-032-064	Glass Setting Blocks Sash (W) Top / Sash (H)	12
GLF Corporation	112003	# 5/32" Tri-Rivet .040 /275 Grip / Sash Pivot Bars	12
GLF Corporation	137341	# 8-18 x 0.850 Flat Wafer Shoulder / Sash / Hurricane Latch	4
GLF Corporation	120376	# 8 x 1 1/4" Tek White / Locks	4
GLF Corporation	116821	# 6 x 1" Tek White / Keepers	4
GLF Corporation	117595	# 6 x 5/8" Tek / Sash Rebar (H)	12
GLF Corporation	117595	# 6 x 5/8" Tek / Sash Rebar (W)	12
GLF Corporation	120766	# 8 x 3/4" Tek / Pan Head (Balance Shoes)	4
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

PROJECT #422-0616				RJA	BY
				5/31/23	DATE
			UPDATED BOM REFERENCES		DESCRIPTION
			A	REV	

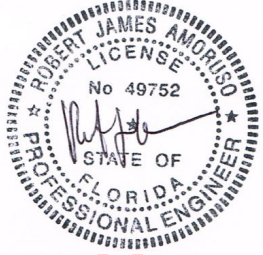
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