

REGENCY PLUS, INC.

1399 VINYL FIXED WINDOW

SERIES 1000 ANNEAL GLAZING PACKAGE

INSTALLATION ANCHORAGE DETAILS

- 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-110-23216-1, DATED 03/16/20 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

7.

GLAZING:

7.1.

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

7.1.1.

GLASS THICKNESS (2) LITES OF 3/16" (5 MM) NOMINAL ANNEALED GLASS

7.1.2.

SPACER TYPE/SIZE 0.536" (13.61 MM) DESICCANT-FILLED ALUMINUM SPACER (TYPE A1-D)

7.1.3.

GLAZING SYSTEM INTERIOR GLAZED AGAINST FOAM TAPE BACK-BEDDING AND A 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 "O" STANDS FOR FIXED LITE.

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" 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 #10 PAN HEAD (SHOWN) OR FLAT HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/4" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 3/4" 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 #10 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.

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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1	GENERAL NOTES & INSTALLATION NOTES
2	ELEVATION WITH ANCHORAGE LOCATIONS
3	VERTICAL AND HORIZONTAL SECTIONS
4	BILL OF MATERIALS & GLAZING DETAIL

PERFORMANCE RATING			
MAXIMUM NOMINAL WINDOW SIZE	GLAZING DETAIL (SEE SHEET 4)	DESIGN PRESSURE (PSF)	IMPACT RATING
84" x 52"	A	+/- 50	NONE

PROJECT #422-0616

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

TITLE: 1399 VINYL FIXED WINDOW / SERIES 1000 ANNEAL GLAZING
GENERAL NOTES & INSTALLATION NOTES

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

DATE: 4/23/2020
DRAWING NO: RPLS0083
SHEET: 1 OF 4

PREPARED BY: 

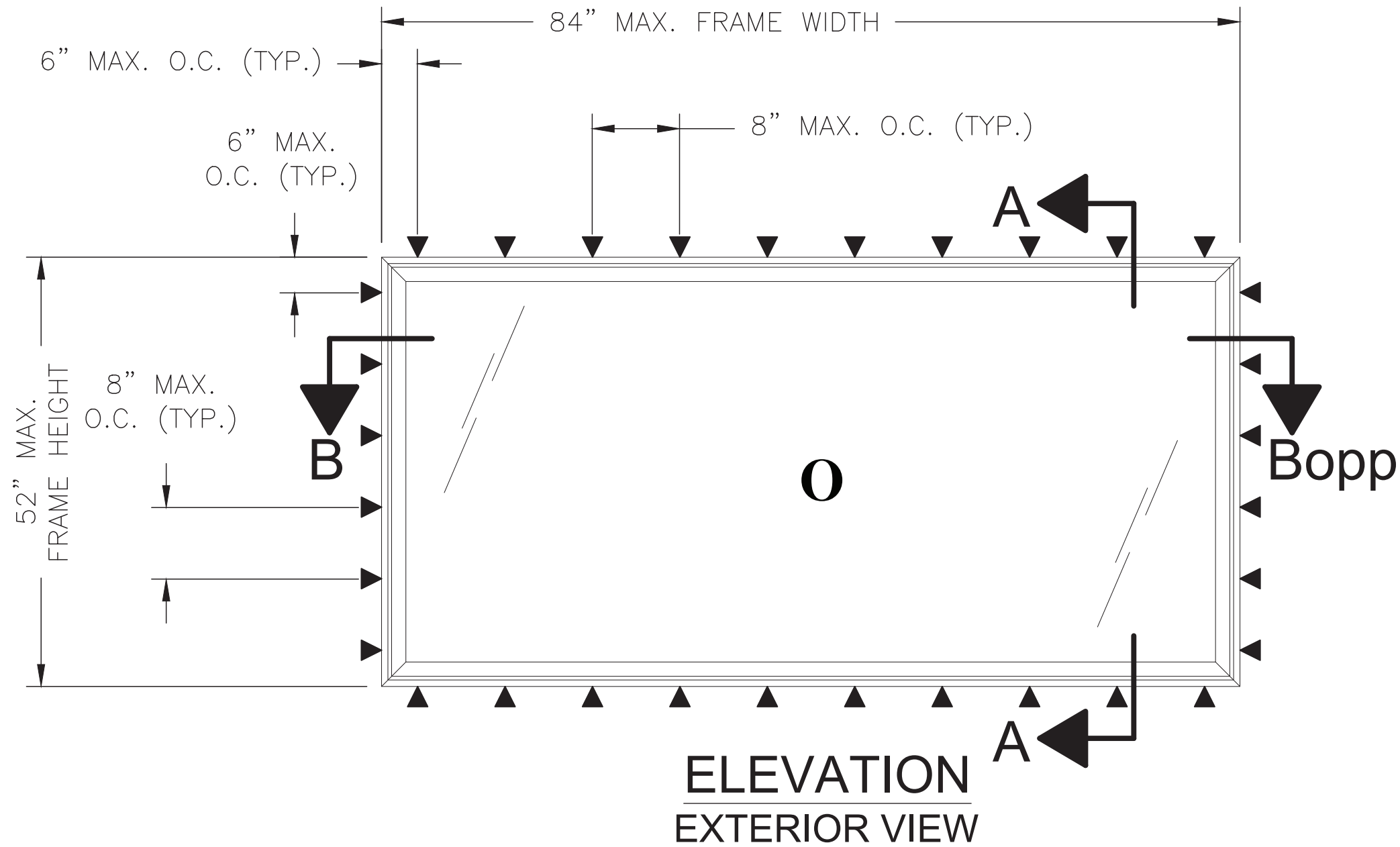
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



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by Robert J
Amoruso

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PTC Product Design Group, LLC
PO Box 520775
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321-690-1788 info@ptc-corp.com
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ELEVATION
EXTERIOR VIEW

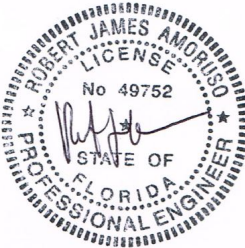
NOTES:

- DAYLIGHT OPENING:
 - 78.5" X 46.5"
- WEEP DESCRIPTION
 - 1" WIDE BY 0.25" HIGH 2.75" FROM EACH END OF THE EXTERIOR SILL FACE
 - 1.25" WIDE BY 0.25" HIGH WITH PLASTIC WEEP COVER 4" FROM EACH END OF THE EXTERIOR SILL FACE

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

REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851		DATE: 4/23/2020	
TITLE: 1399 VINYL FIXED WINDOW / SERIES 1000 ANNEAL GLAZING ELEVATION W/ANCHORAGE LOCATIONS		DRAWING NO: RPLS0083	
DRAWN BY: RJA		SCALE: N.T.S.	
PREPARED BY: PDE		REV: A	
		SHEET: 2 OF 4	

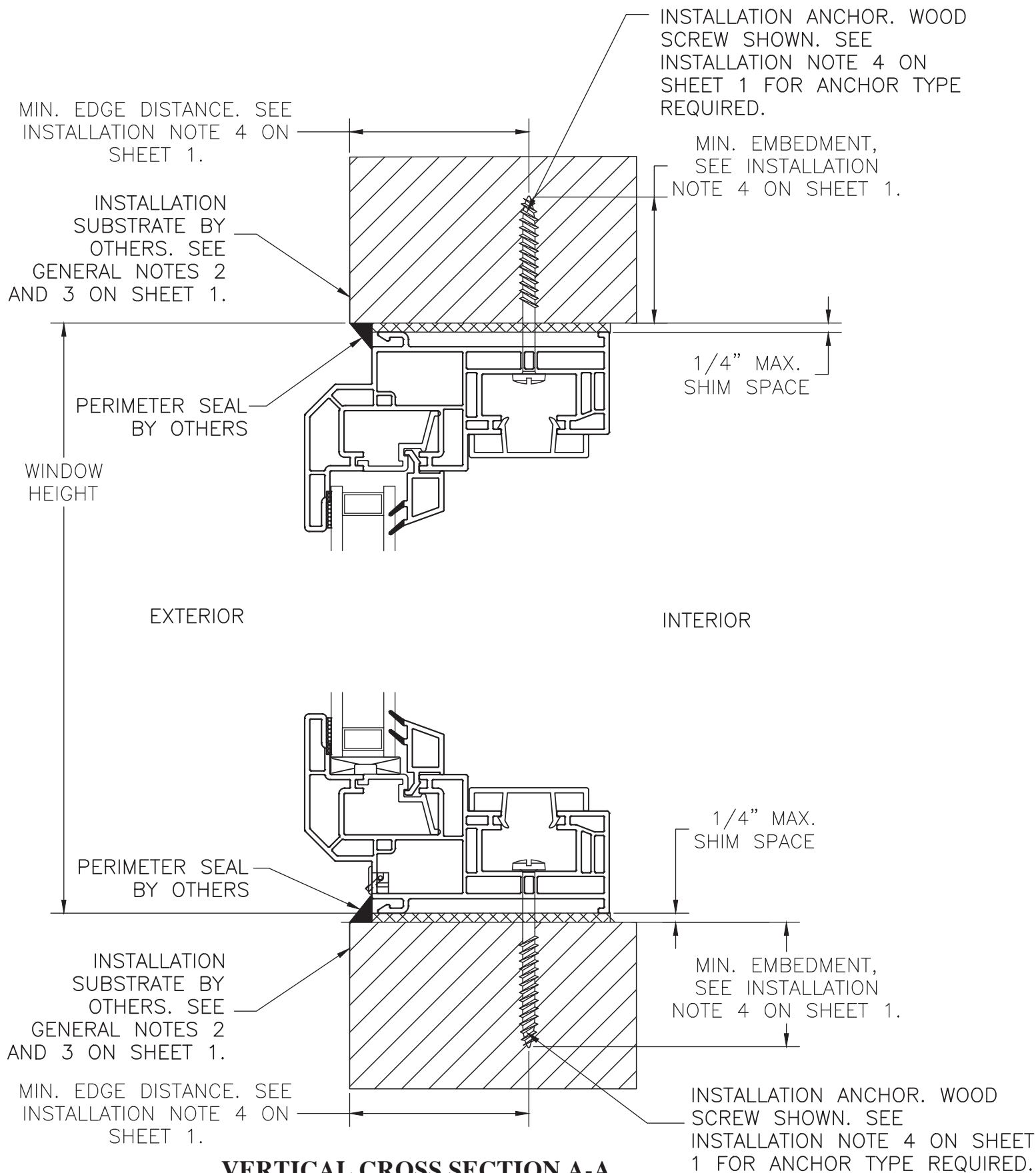
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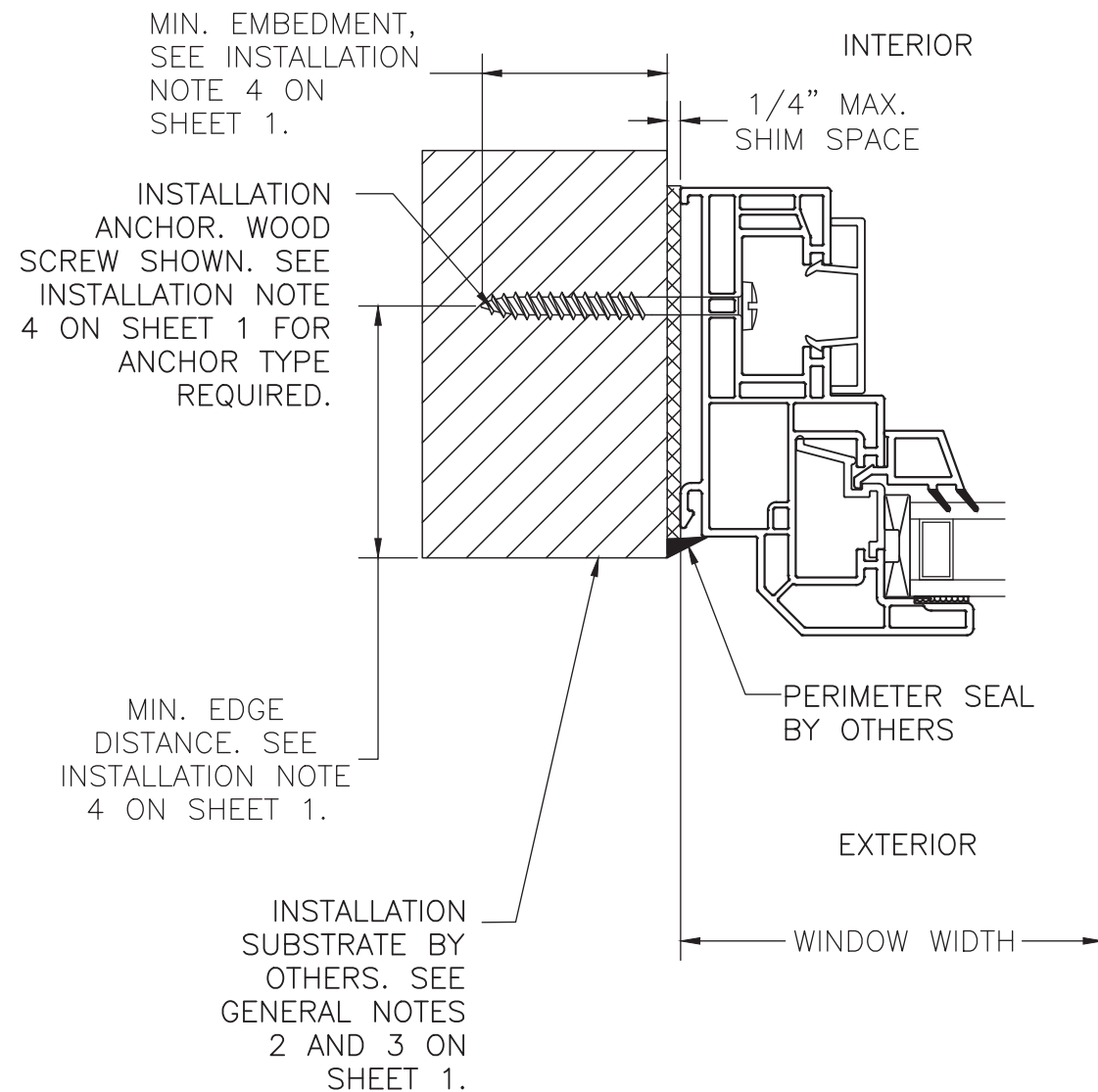
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VERTICAL CROSS SECTION A-A
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED



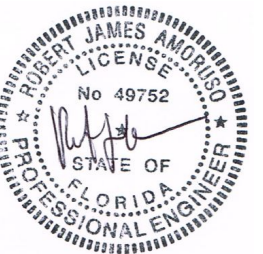
HORIZONTAL CROSS SECTION B-B
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED

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

REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851	1399 VINYL FIXED WINDOW / SERIES 1000 ANNEAL GLAZING VERTICAL AND HORIZONTAL SECTIONS	DRAWN BY:	RJA	DATE:	4/23/2020
		SCALE:	N.T.S.	DRAWING NO.:	RPLS0083
		REV:	A	SHEET:	3 OF 4



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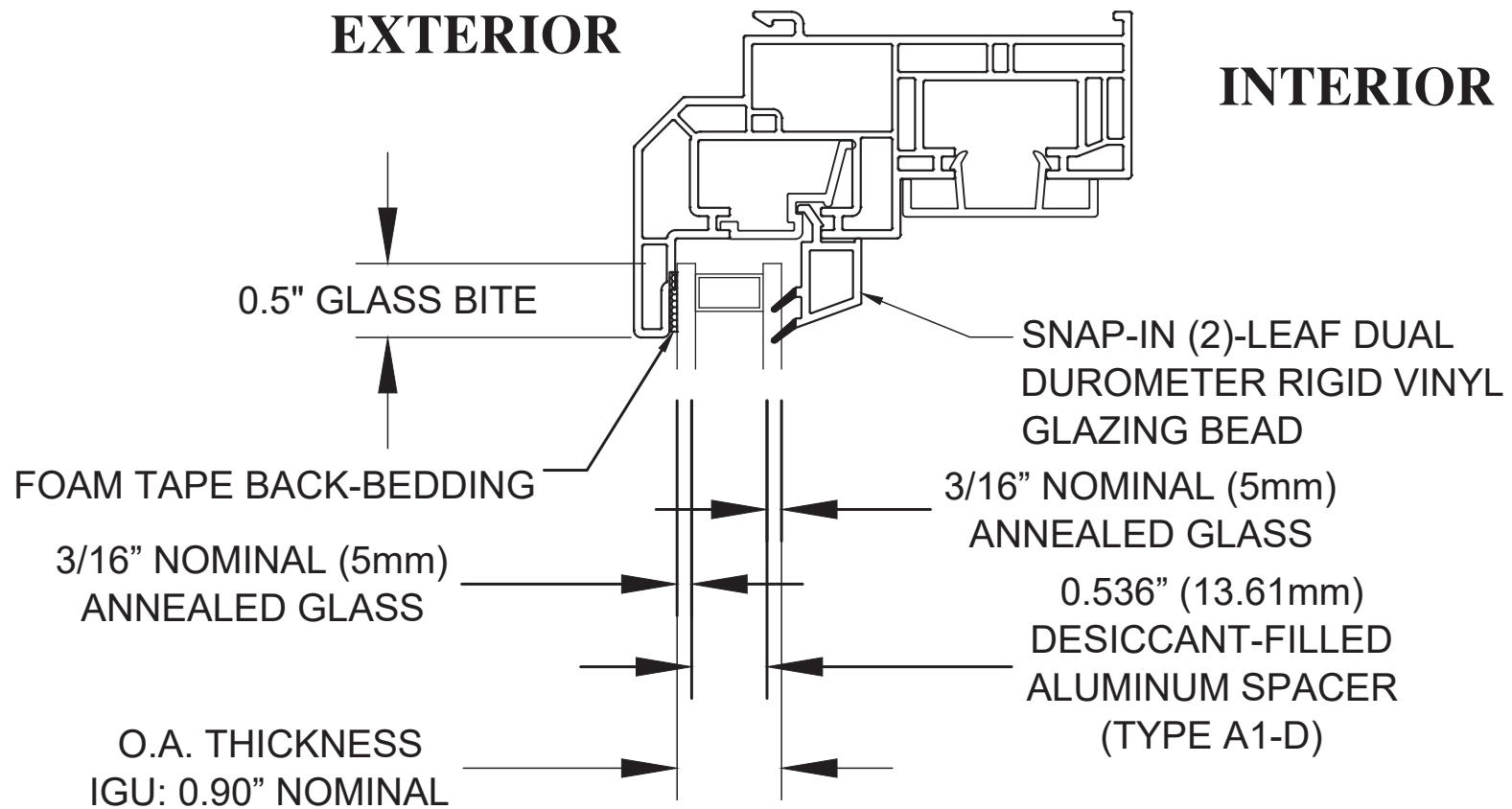


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BILL OF MATERIALS

1399 FIXED / SERIES 1000 ANNEAL GLAZING PACKAGE			
Supplier	Part Numbers	Description	Quantity
VISION EXTR. GRP. LTD	IV White 1060 / 7780 / AG	Master Frame (H)	2
VISION EXTR. GRP. LTD	IV White 1060 / 7780 / AG	Master Frame (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 / (W)	2
VISION EXTR. GRP. LTD	IV White 1079 / 7737	Pocket Insert / Center Section PW (H)	2
VISION EXTR. GRP. LTD	IV White 1079 / 7737	Pocket Insert / Center Section PW (W)	2
VISION EXTR. GRP. LTD	IV White 1103 / 7726	PW Glazing Bead (H)	2
VISION EXTR. GRP. LTD	IV White 1103 / 7726	PW Glazing Bead (W)	2
Industrial Sales	VEN-VG-1208B	Black Glazing Tape 1/8 x 3/8 x 85' (Fixed Center Section) (W / H)	4
Product Design	H-808WHZ	Weep Hole Cover White	2
Lindenmeyr	W0511022	30PP12-18P50-9/16 X1 3/8 X 3 Foam Block	2
Frank Lowe	2NB-8K-0.0062-028-064	Glass Setting Blocks Sash (W)	6
Cardinal	Single Strength Anneal	Fixed Sash / 3.9 Q366 / 15.8 FED / 3.9	1



NOTES:

1. HEAD SHOWN. ALL OTHER GLAZING DETAILS SAME FOR JAMBS AND SILL GLAZING.

GLAZING DETAIL A

PROJECT #422-0616

REGENCY PLUS, INC.
110 CLIST CAB HIGHWAY

2000 LOCUST GAP HIGHWAY
MT. CARMEL, PA 17851

1399 VINYL FIXED WINDOW / SERIES 1000 ANNEAL GLAZING

BILL OF MATERIALS & GLAZING DETAILS

PREPARED BY:	DRAWN BY:	DATE:
		4/22/2020

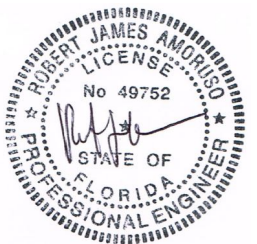
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N.T.S.	RPLS0083
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REV: A SHEET: 4 OF 4

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