

REGENCY PLUS, INC.

1315 VINYL XOx HORIZONTAL SLIDING WINDOW

SERIES 1000 ANNEAL GLAZING PACKAGE

INSTALLATION ANCHORAGE DETAILS

GENERAL 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-110-23218-1, DATED 03/24/20 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 - PANEL PERIMETER AND FIXED MEETING STILES
7.

GLAZING:

7.1.

GLAZING DETAIL AS TESTED: OVERALL 0.89" (22.61 MM) NOMINAL

7.2.

OPERABLE PANEL:

7.2.1.

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

7.2.2.

SPACER TYPE/SIZE 0.59" (14.99 MM) DESICCANT-FILLED STAINLESS-STEEL SPACER (TYPE SS-D)

7.2.3.

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

7.3.

FIXED LITE:

7.3.1.

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

7.3.2.

SPACER TYPE/SIZE 0.524" (13.31 MM) DESICCANT-FILLED STAINLESS-STEEL SPACER (TYPE SS-D)

7.3.3.

GLAZING SYSTEM INTERIOR GLAZED AGAINST FOAM TAPE BACK-BEDDING AND A SNAP-IN (2)-LEAF DUAL DUROMETER RIGID VINYL GLAZING BEAD.
- 7.4.

AS TESTED GLAZING MEETS ASTM E1300-09e FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT APPROVAL DOCUMENT.
- 7.5.

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 PANEL AND "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.

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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

PERFORMANCE RATING			
MAXIMUM NOMINAL WINDOW SIZE	GLAZING DETAIL (SEE SHEET 3)	DESIGN PRESSURE (PSF)	IMPACT RATING
111" x 63.25"	A (OPERABLE PANEL) B (FIXED LITE)	+/- 40	NONE

PROJECT #422-0616

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

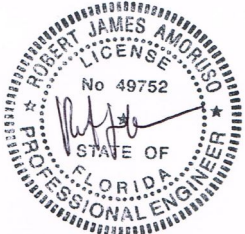
TITLE: 1315 VINYL XOx HORIZ. SLIDING WINDOW / SERIES 1000 ANNEAL GLAZING
GENERAL NOTES & INSTALLATION NOTES

DRAWN BY: RJA
DATE: 4/23/2020
SCALE: N.T.S.
REV: A

DRAWING NO: RPLS0086
SHEET: 1 OF 5

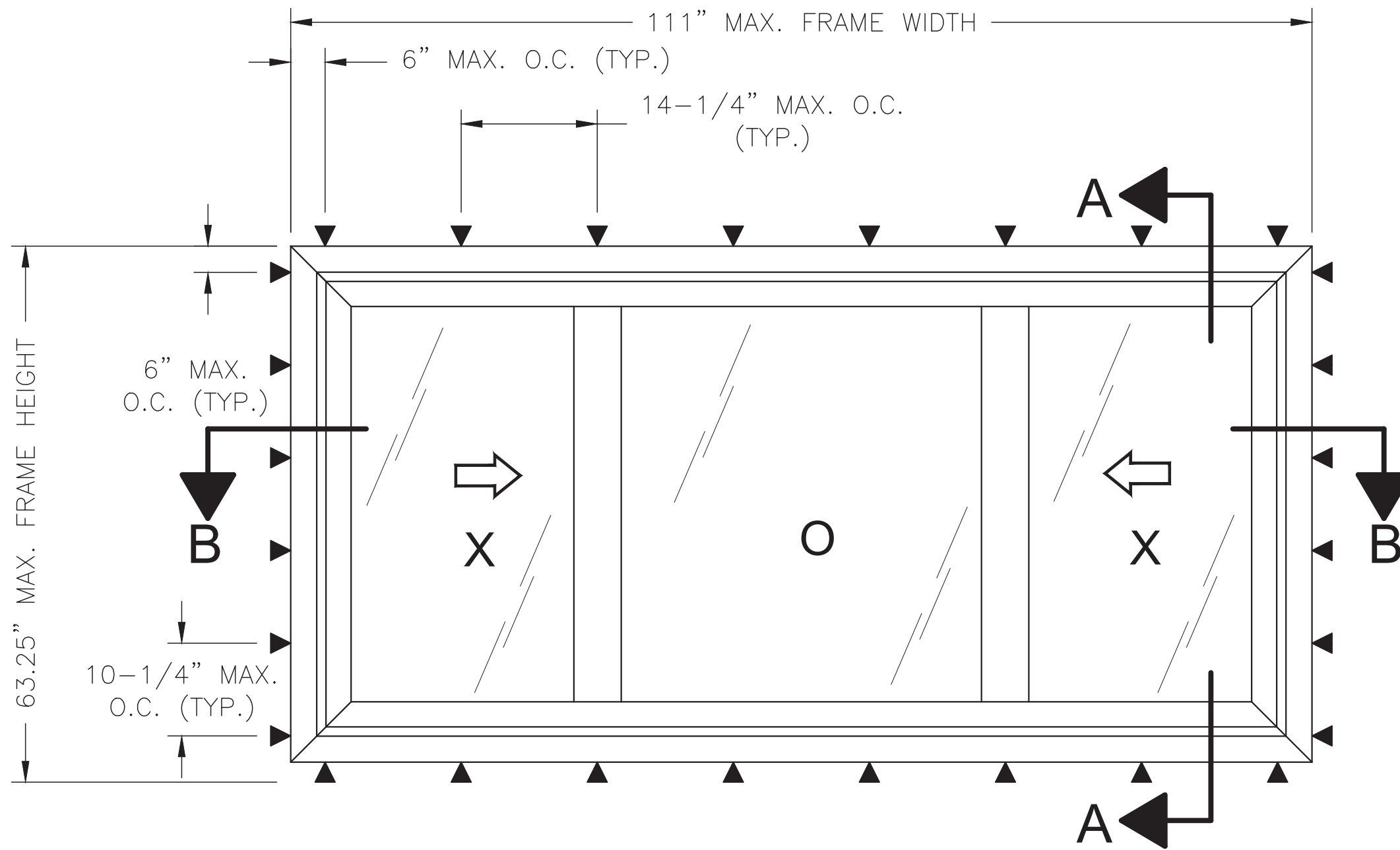
PREPARED BY: 

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



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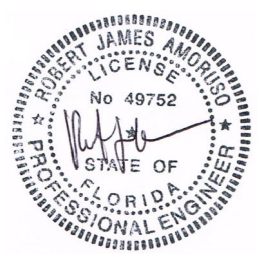
- NOTES:
- OPERABLE PANEL MAXIMUM SIZE:
 - PANEL SIZE: 25.75" X 59.625"
 - DAYLIGHT OPENING MAXIMUM SIZES:
 - OPERABLE PANEL D.L.O. SIZE: 21.875" X 55.75"
 - FIXED LITE D.L.O. SIZE: 53.375" X 57.375"
 - WEEP DESCRIPTION
 - 0.75" WIDE BY 0.150" NOTCH LOCATED END OF THE SILL INSERTS
 - 0.875" WIDE BY 0.400" HIGH LOCATED AT EACH END OF THE INTERIOR SILL TRACK
 - 0.990" WIDE BY 0.25" HIGH LOCATED 1.250" FROM EACH END OF THE EXTERIOR SILL TRACK
 - 0.750" WIDE BY 0.250" HIGH LOCATED AT EACH END OF THE BOTTOM RAIL GLAZING CHANNEL
 - 0.25" WIDE BY 0.25" HIGH LOCATED AT EACH END OF THE BOTTOM RAIL
 - 0.300" DIAMETER LOCATED AT MIDSPAN OF THE EXTERIOR SILL FACE

ELEVATION
EXTERIOR VIEW

PROJECT #422-0616				RJA	BY
				5/31/23	DATE
			UPDATED BOM REFERENCES		DESCRIPTION
REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY MT. CARMEL, PA 17851 TITLE: 1315 VINYL XOX HORIZ. SLIDING WINDOW / SERIES 1000 ANNEAL GLAZING ELEVATION W/ANCHORAGE LOCATIONS			A	REV	
	DRAWN BY: RJA	DATE: 4/23/2020			
	SCALE: N.T.S.	DRAWING NO: RPLS0086			
	REV: A	SHEET: 2 OF 5			

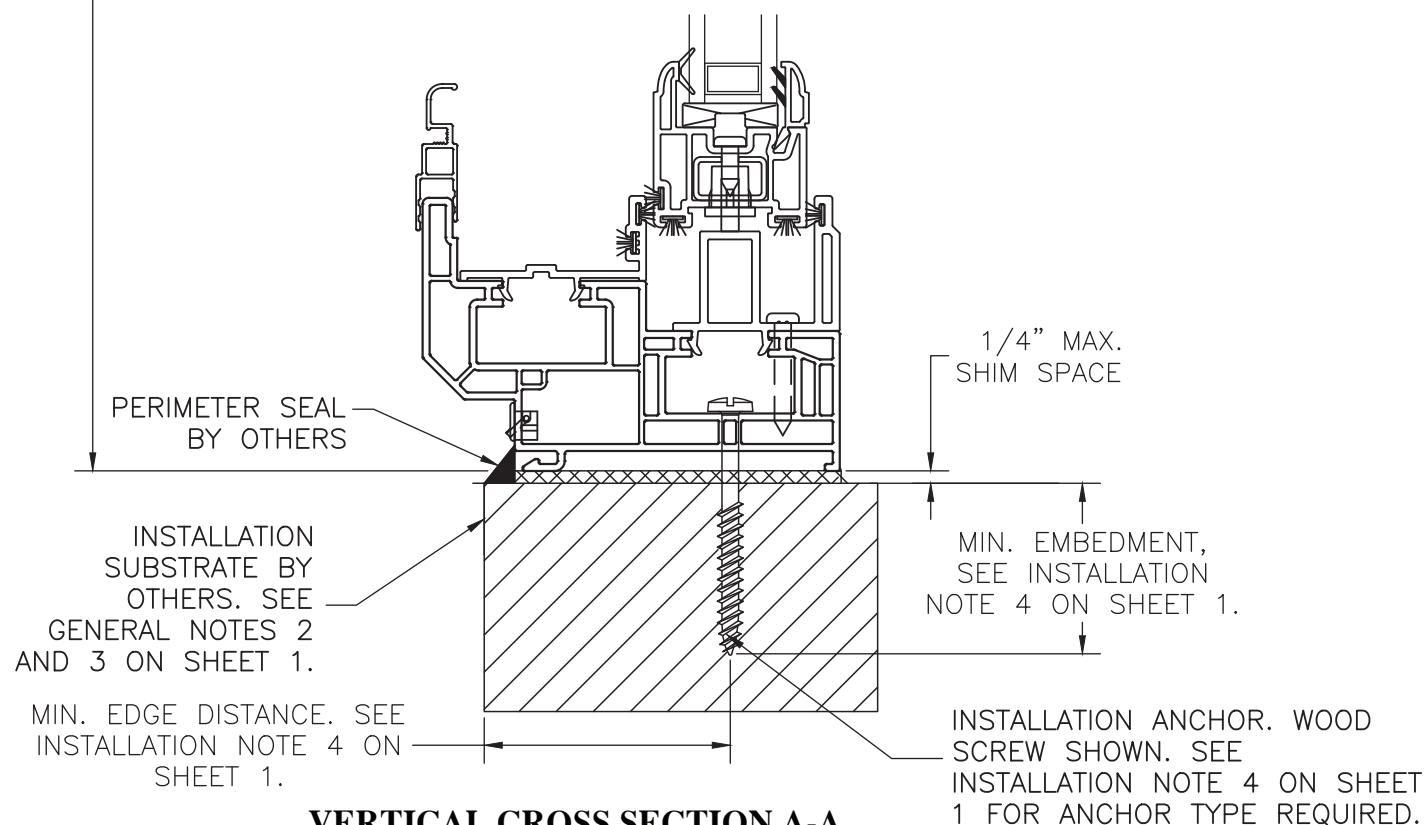
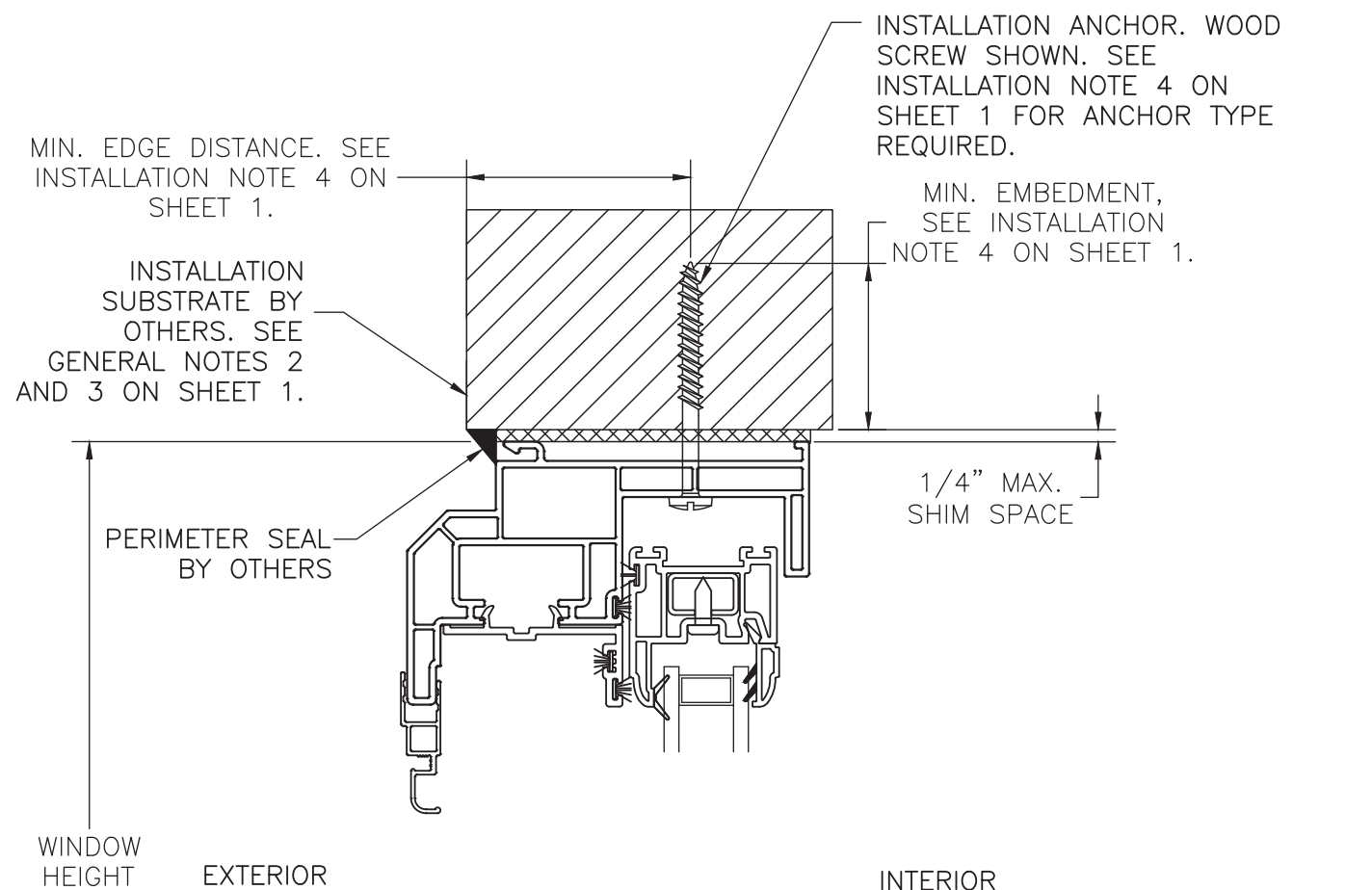
PREPARED BY: **PTE**

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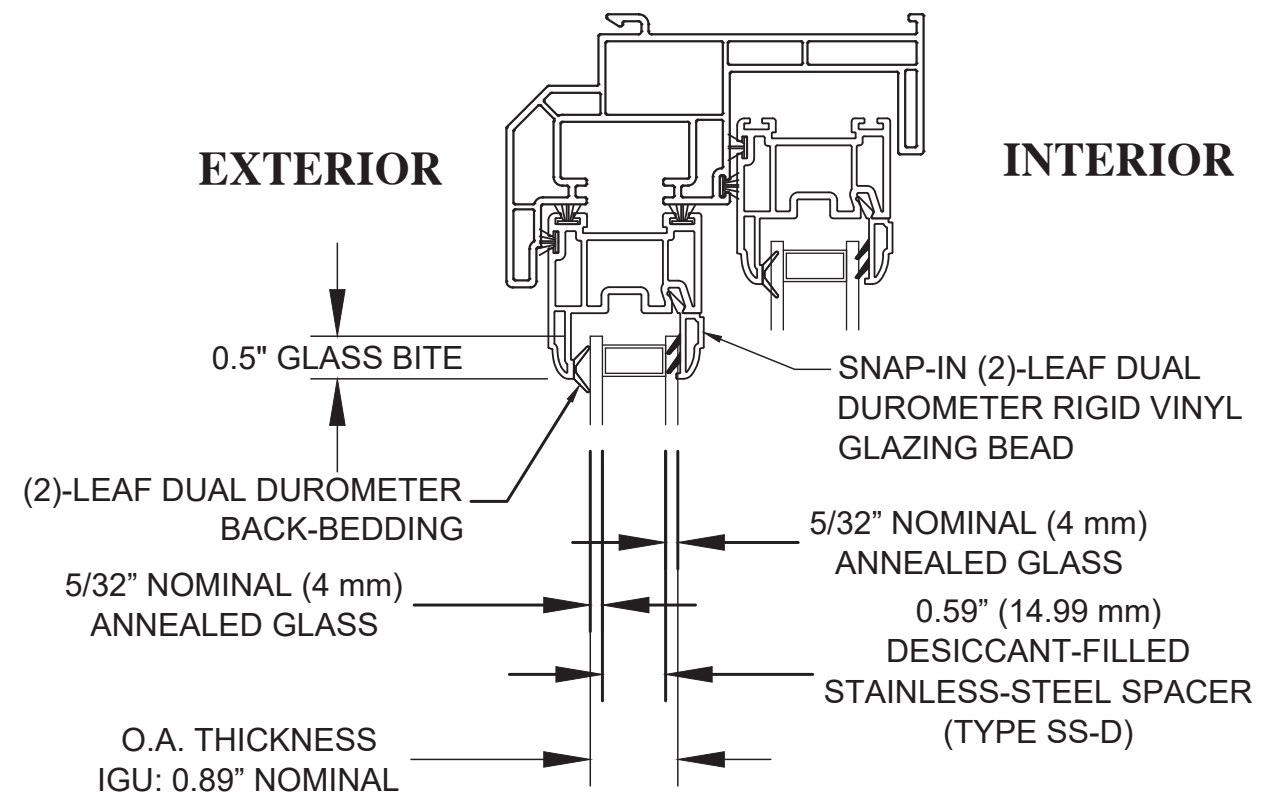


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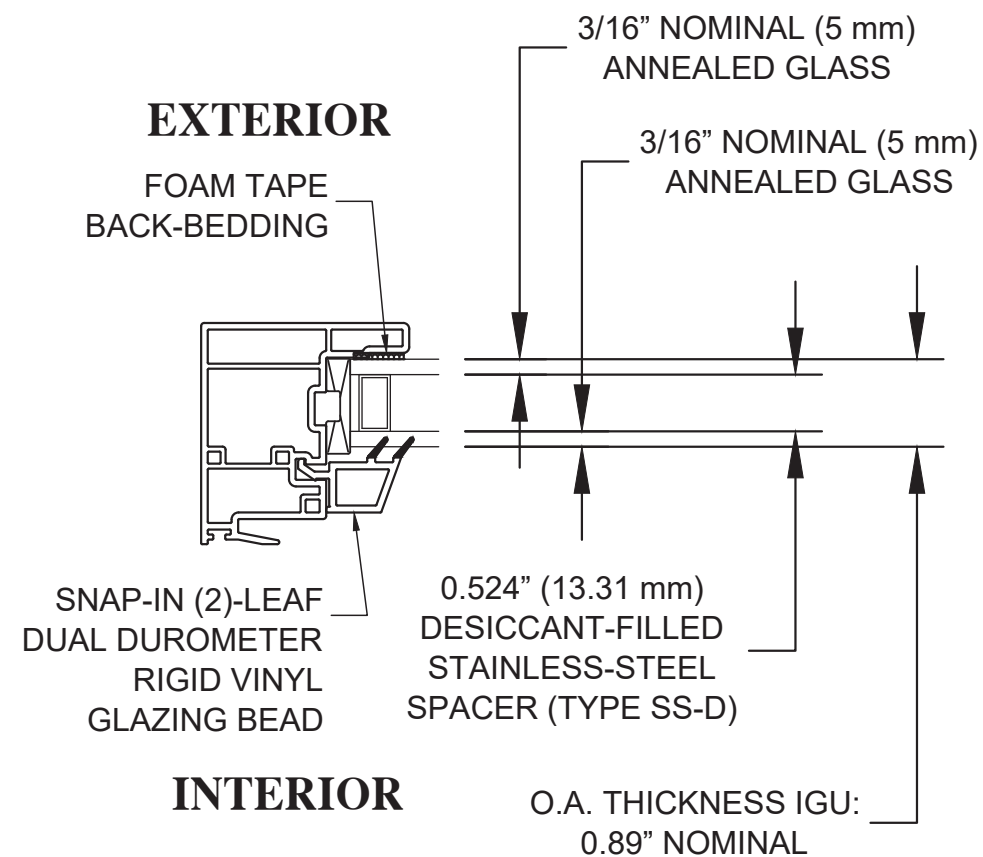
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VERTICAL CROSS SECTION A-A
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED



GLAZING DETAIL A - OPERABLE PANELS
(HEAD SHOWN. SILL AND JAMBS SAME)



GLAZING DETAIL B - FIXED LITE
(JAMB SHOWN. HEAD AND SILL SAME)

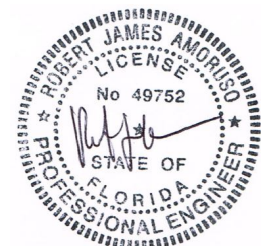
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TITLE: 1315 VINYL XOZ HORIZ. SLIDING WINDOW / SERIES 1000 ANNEAL GLAZING
VERTICAL SECTION & GLAZING DETAIL

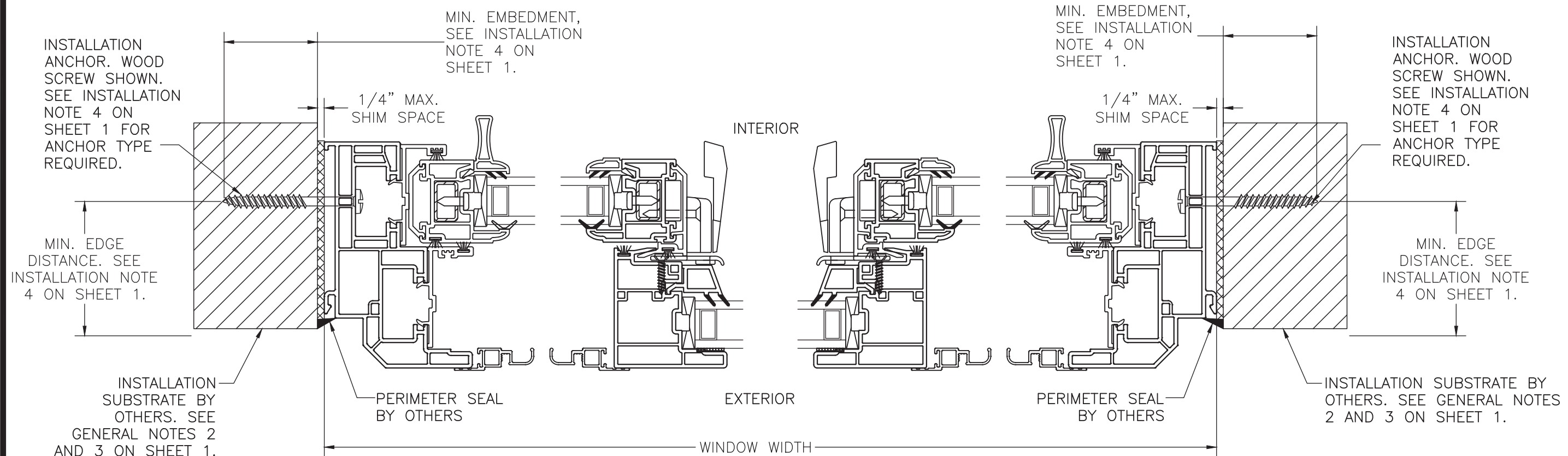
DATE:	4/23/2020	REV:	3 OF 5
DRAWN BY:	RJA	SCALE:	N.T.S.
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HORIZONTAL CROSS SECTION B-B
WOOD FRAMING, 2X WOOD BUCK,
CONCRETE/MASONRY OR METAL FRAME
APPROVED

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

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1315 VINYL XOX HORIZ. SLIDING WINDOW / SERIES 1000 ANNEAL GLAZING

HORIZONTAL SECTION

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SHEET: 4 OF 5

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BILL OF MATERIALS

1315 VINYL OXO HORIZONTAL SLIDING WINDOW / SERIES 1000 ANNEAL GLAZING PACKAGE							
Supplier	Part Numbers	Description	Quantity	Supplier	Part Numbers	Description	Quantity
VISION EXTR. GRP. LTD	IV White 1060 / 7780	Master Frame (H)	2	Adept	2584	Tension Springs	4
VISION EXTR. GRP. LTD	IV White 1060 / 7780	Master Frame (W)	1	Phifer	3002606	Fiberglass Screen Cloth Charcoal / 28" x 600'	2
VISION EXTR. GRP. LTD	IV White 2197 / 7782	Master Frame 3 Panel Header (W)	1	Imperial Plastic USA	EX-FLX-Q165-BK	Screen Spline (H / W)	8
VISION EXTR. GRP. LTD	IV White 2196 / 7740	Sill Pocket Cover (W)	1	Hygrade Metals	CK252X260	Aluminum Corner Keys	8
VISION EXTR. GRP. LTD	IV White 1073 / 7724	Pocket Cover Heights / (W)	2	Hygrade Metals	ST-1877A-144-0.032	Operating Sash Frame Side / (H-1)	2
VISION EXTR. GRP. LTD	IV White 1073 / 7724	Pocket Cover Heights / Vents (H)	4	Hygrade Metals	ST-1877A-144-0.032	Operating Sash Lock Side / (H-1)	2
VISION EXTR. GRP. LTD	IV White 1079 / 7737	Pocket Insert / Center Section PW (W)	2	Product Design	H-884	Screen Clip Clear	4
VISION EXTR. GRP. LTD	IV White 1103 / 7726	PW Glazing Bead (Fixed Center Section) (W)	2	Product Design	H-3150	Screen Clip Clear	2
VISION EXTR. GRP. LTD	IV White 1080 / 7753	PW Glazing Bead (Fixed Center Section) (H)	2	Product Design	H-808WHZ	Weep Hole Cover White	2
VISION EXTR. GRP. LTD	IV White 1063 / 7735	Impost Mullion (Fixed Center Section) (H)	2	Product Design	WR03-R3	Stainless Steel Ball Bearing Rollers	4
VISION EXTR. GRP. LTD	IV White 1282 / 7750	Sash Frame (Operating Sash) / Vents (H)	4	Industrial Sales	VEN-VG-1208B	Black Glazing Tape 1/8 x 3/8 x 85' (Fixed Center Section)	4
VISION EXTR. GRP. LTD	IV White 1282 / 7750	Sash Frame (Operating Sash) / Vents (W)	4	RH Products	HH-66 Vinyl Cement	Interlock Cover (Operating Sash) / Vents (H)	2
VISION EXTR. GRP. LTD	IV White 1067 / 7745	Glazing Bead Stop (Operating Sash) / Vents (H)	4	S.I.L. Plastic	00156-C001	Liftrail End Caps White	4
VISION EXTR. GRP. LTD	IV White 1067 / 7745	Glazing Bead Stop (Operating Sash) / Vents (W)	2	Smith Staple	BEA 80/10	Stainless Steel Staples 3/8 x 1/2 Sash (W)	16
VISION EXTR. GRP. LTD	IV White 1068 / 7747	Glazing Liftrail Handle (Operating Sash) / Vents (H)	2	Lindenmeyr	W0511022	30PP12-18P50-9/16 X1 3/8 X 3 Foam Block	2
VISION EXTR. GRP. LTD	IV White 1180 / 7727	Interlock Cover (Operating Sash) / Vents (H)	2	Novagard Silicones	02-MX0150010C2	Accessory Parts Installation Translucent	1
VISION EXTR. GRP. LTD	IV White 1078 / 7725	Sash Cover (Operating Sash) / Vents (H)	2	Vision Industries	3220SS-003-EW	Safe Seal Lock	4
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (W) / 1073 / 7724	3	Vision Industries	8292A-003-EW	Safe Seal Keeper	4
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (H) / 1073 / 7724	4	Frank Lowe	2NB-8K-0.125-032-064	Glass Setting Blocks Sash (W) Top / Sash (H)	8
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Pocket Cover (W) / 2196	1	Frank Lowe	2NB-8K-0.125-032-064	Glass Setting Blocks Fixed (W) Base	2
Ultra-Fab	W23303NW0000	.210 x .300 Fin Seal Impost Mullion (H) / 1063 / 7735	2	Frank Lowe	2NB-8K-0.125-028-028	Glass Setting Blocks Sash (W) Base	4
Ultra-Fab	W23301NW0000	.187 x .300 Fin Seal Interlock Cover (H) / 1180 / 7727	2	GLF Corporation	120376	# 8 x 1 1/4" Tek White / Locks	8
Ultra-Fab	W23301NW0000	.187 x .300 Fin Seal Interlock Cover (Top / Blocks) / 1180 / 7727	4	GLF Corporation	116821	# 6 x 1" Tek White / Keepers	8
Ultra-Fab	W23301NW0000	.187 x .300 Fin Seal Sash Frame (H) / 1282 / 7750 / Energi	4	GLF Corporation	120913	# 8 x 3 1/2" Phil Pan HD SMS Salt Spray / Impost Mullion (H)	8
Ultra-Fab	W23301NW0000	.187 x .300 Fin Seal Sash Frame (W) / 1282 / 7750 / Exterior Top	2	GLF Corporation	145030	# 0625 x 0.194 Washer / Impost Mullion (H)	8
Ultra-Fab	W23223NW0000	.210 x .220 Fin Seal Sash Frame (W) / 1282 / 7750 / Exterior Base	2	GLF Corporation	117595	# 6 x 5/8" Tek / Impost Mullion Rebar (H)	18
Ultra-Fab	W112257W0000	.270 x .220 Fin Seal Sash Frame (H) / Single Leg Screen Frame	4	GLF Corporation	117595	# 6 x 5/8" Tek / Sash Rebar (H)	32
Shapes Unlimited	06516NEW192	Single Leg Frame New White	6	Cardinal	Single Strength Anneal	Operating Lock Sash / 3.9 Q366 / 15.8 FED / 3.9	2
Shapes Unlimited	06515NEW192	Double Leg Frame New White	2	Cardinal	Single Strength Anneal	Fixed Sash / 3.9 Q366 / 15.8 FED / 3.9	1

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BILL OF MATERIALS

DRAWN BY: RJA

DATE: 4/23/2020

SCALE: N.T.S.

DRAWING NO: RPLS0086

REV: A

SHEET: 5 OF 5

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