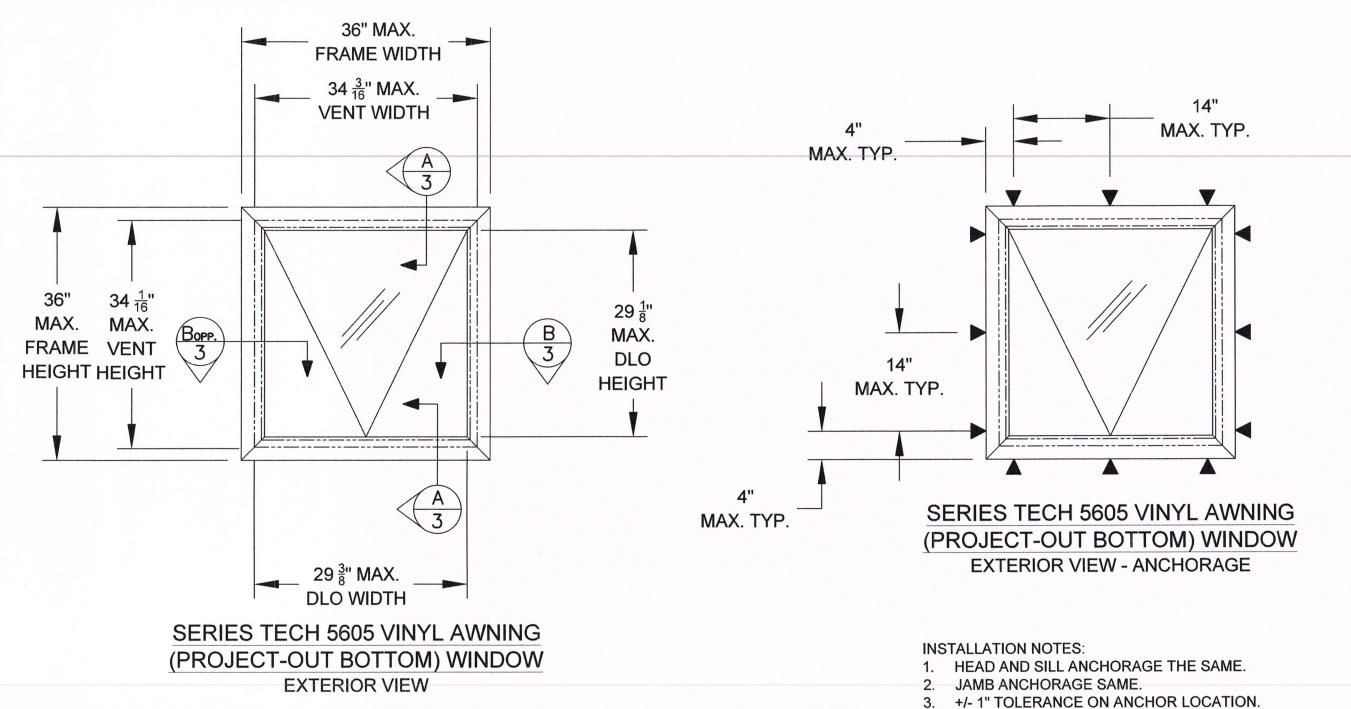
REGENCY PLUS, INC. SERIES TECH 5605 VINYL AWNING (PROJECT-OUT BOTTOM) WINDOW INSTALLATION ANCHORAGE DETAILS

NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 2006 IBC AND 2006 IRC WITH TEXAS REVISIONS AND THE 2009 IBC, 2009 IRC, 2012 IBC AND 2012 IRC.
- 2. 2X WOOD FRAMING, 1X OR 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.
- 3. 1X BUCK OVER CONCRETE/MASONRY IS OPTIONAL. WHEN 1X BUCK IS USED, INSTALLATION ANCHORS WILL PASS THROUGH WINDOW FRAME AND 1X BUCK INTO CONCRETE/MASONRY SUBSTRATE. WHEN USED, 1X BUCKS SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE AND IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD. 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.
- NOT USED.
- 5. MATERIAL:
- 5.1. FRAME: EXTRUDED RIGID PVC BY ENERGI FENESTRATION SOLUTIONS USA, INC.
- 5.2. REINFORCEMENT:
- 5.2.1. GALVANIZED STEEL TUBE (0.935" X 0.73" X 0.050" THICK, Fy = 30-50 ksi & Fu = 37.5-68.7 ksi) VENT PERIMETER
- 5.2.2. CONTOURED-SHAPED RIGID VINYL, ITEM NO. 3 GLAZING BEAD USED TO REINFORCE FRAME FRAME PERIMETER
- 5.3. LAMINATE GLASS INTERLAYER: TROSIFOL INTERLAYER BY KURARAY AMERICA, INC.
- GLAZING:
- 6.1. GLAZING DETAIL AS TESTED:
- 6.1.1. OVERALL: 7/8" NOMINAL INSULATING LAMINATED GLASS.
- 6.1.2. GLASS THICKNESS: (1) LITE OF 1/8" NOMINAL TEMPERED GLASS TO THE INTERIOR AND (1) LITE OF LAMINATED GLASS TO THE EXTERIOR.
- 6.1.3. LAMINATED LITE: (2) LITES OF 1/8" NOMINAL ANNEALED GLASS SEPARATED BY A 0.090" TROSIFOL INTERLAYER BY KURARAY AMERICA, INC.
- 6.1.4. SPACER TYPE/SIZE: 7/16" NOMINAL CARDINAL XL EDGE STAINLESS STEEL SPACER (TYPE SS-D).
- 6.1.5. GLAZING SYSTEM: INTERIOR GLAZED WITH (2)-LEAF DUAL DUROMETER AND SIKA FLEX "552" BACKBEDDING WITH A SNAP-IN (2)-LEAF DUAL DUROMETER RIGID VINYL GLAZING BEAD.
- 6.2. AS TESTED GLAZING MEETS ASTM E1300-09a FOR THE DESIGN CONDITIONS SHOWN IN THIS PRODUCT APPROVAL DOCUMENT.
- 7. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT IN WIND BORNE DEBRIS REGIONS.
- 8. 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".
- 9. FOR ANCHORING INTO CONCRETE/MASONRY USE 1/4" HEX HEAD TAPCONS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO CONCRETE WITH 1 1/2" MINIMUM EDGE DISTANCE AND 1" MINIMUM EMBEDMENT INTO MASONRY WITH 2" MINIMUM EDGE DISTANCE, LOCATE ANCHOR AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS, 4" MINIMUM SPACING BETWEEN ADJACENT ANCHOR REQUIRED, ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- 10. FOR ANCHORING INTO WOOD FRAMING OR 2X BUCK USE ONE OF THE FOLLOWING:
- 10.1. #12 PAN HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 3/8" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 7/8" MINIMUM EDGE DISTANCE AND MINIMUM ANCHOR-TO-ANCHOR SPACING OF 2" ON CENTER. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- 10.2. #14 PAN HEAD WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A 1 1/2" MINIMUM EMBEDMENT INTO SUBSTRATE WITH 1" MINIMUM EDGE DISTANCE AND MINIMUM ANCHOR-TO-ANCHOR SPACING OF 2" ON CENTER. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- 11. FOR ANCHORING INTO METAL STRUCTURE USE #14 PAN OR HEX HEAD SHEET METAL OR SELF DRILLING SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 3 THREADS MINIMUM BEYOND STRUCTURE INTERIOR WALL WITH 3/4" MINIMUM EDGE DISTANCE AND MINIMUM ANCHOR-TO-ANCHOR SPACING OF 2" ON CENTER. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS. ANCHOR LOCATIONS HAVE +/- 1" TOLERANCE.
- 12. ALL FASTENERS TO BE CORROSION RESISTANT OR HAVE A CORROSION RESISTANT COATING
- 13. 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:
- 13.1. WOOD MINIMUM SPECIFIC GRAVITY OF (G) 0.42
- 13.2. CONCRETE MINIMUM COMPRESSIVE STRENGTH OF 2500 PSI
- 13.3. MASONRY STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT WITH DENSITY > 117 PCF
- 13.4. METAL STRUCTURE: STEEL 18GA (0.0428"), Fy = 33KSI / Fu = 45 KSI OR ALUMINUM 6063-T5 0.048" THICK MINIMUM

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SHEET	DESCRIPTION
1	NOTES
2	ELEVATION & ANCHOR LOCATION
3	VERTICAL & HORIZONTAL INSTALLATION DETAILS
4	BILL OF MATERIALS

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			NDOW		DATE: 3/13/10	0/10/19	DRAWING NO: RPLS1079	SHEET: 1 OF 4
	REGENCY PLUS, INC. 2000 LOCUST GAP HIGHWAY	MT. CARMEL, PA 17851	INYL AWNING W	NOTES	DRAWN BY:	YAY.	SCALE: N.T.S.	REV:
	REGENC 2000 LOCUS	MT. CARM	MT. CARMEL, PA 17851 TITLE: SERIES TECH 5605 VINYL AWNING WINDOW	S			PTC Product Design Group, LLC PO Box 520775, Longwood, FL 32752-0775	321-690-1788 info@ptc-corp.com TX Registration No. F-13740
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DESIGN PRESSURE RATING (PSF)	IMPACT RATING
+55.0/-55.0	WIND ZONE 4 MISSILE LEVEL D

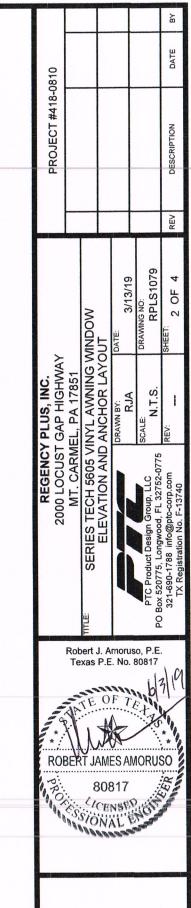
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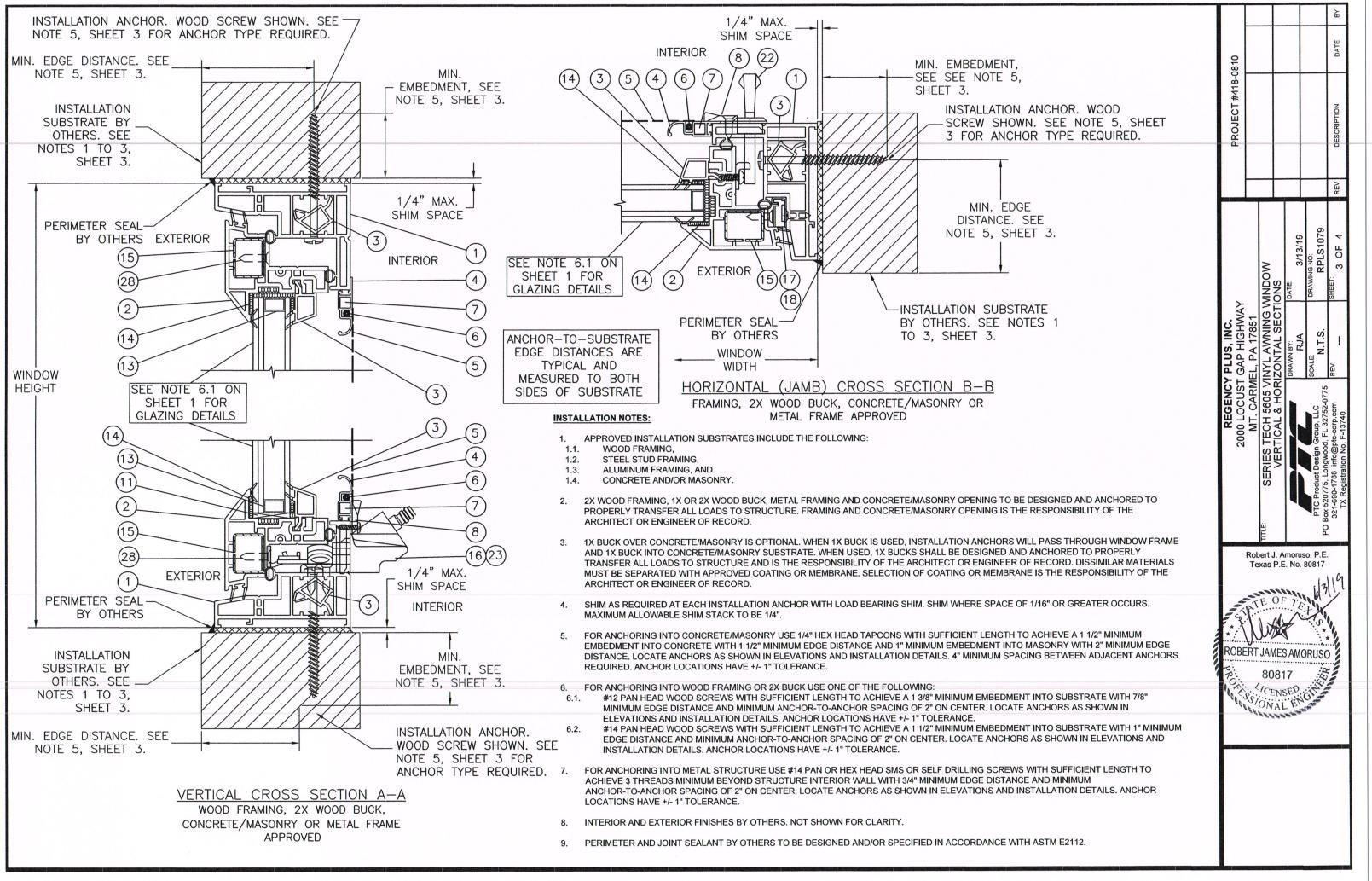
1. MAXIMUM ACTIVE PANEL (VENT) SIZE: 34.19" X 34.06" (34-3/16" X 34-1/16")

3.1. TAPCON MINIMUM SPACING IS 4" OC.3.2. WOOD AND TAPPING SCREW MINIMUM

SPACING IS 2" OC.

- 2. DAYLIGHT OPENING (DLO) SIZE: 29.38" X 29.12" (29-3/8" X 29-1/8")
- 3. NO WEEP HOLES EMPLOYED





	Series 1	Tech 5605 Impact Awning / Bill	of Material	
Item No.	Description	Part Numbers	Supplier	Material (Note)
		Frame Components		
1	Master Frame	IV White 1083 / 7733	Energi / Royal	White PVC (2)
2	Sash Frame (Operating Sash)	IV White 1084 / 7734	Energi / Royal	White PVC (2)
3	Glazing Bead Stop (Operating Sash)	IV White 1080 / 7753	Energi / Royal	White PVC (2)
		Screen Components		
4	Single Leg Frame New White	06516NEW192	Shapes Unlimited	Aluminum
5	Fiberglass Screen Cloth Charcoal / 36" x 600'	3000020	Phifer	Fiberglass
6	Screen Spline	EX-FLX-Q165-BK	Imperial Plastic USA	
7	Aluminum Corner Keys	CK252X260	Hygrade Metals	Aluminum
8	Screen Clip Clear	8794352	Ashland Hardware	
9	30PP12-18P50-9/16 X1 3/8 X 3 Foam Block	W0511022	Lindenmeyr	
10	Accessory Parts Installation Translucent	02-MX0150010C2	Novagard Silicones	
		Glazing		
11	Glass Setting Blocks Sash	2NB-8K-0.0062-028-064	Frank Lowe	Neoprene w/70 to 90 Shore A Durometer
12	Operating Sash E366 2.7mm / 0.09 Trosifol PVB Interlayer IG	Hurricane Laminate Impact	Cardinal	Kuraray America, Inc. Trosifol PVB
13	ENDUR IG with XL Edge SS Spacer (SS-D TYPE)		Cardinal	Stainless Steel
14	Wet Glaze (Operating Sash)	552 Sikaflex Black	Sika US	
		nent, Hardware and Hardware Fast	eners	
15	Sash Frame Reinforcement (Operating Sash)	ST-888-168-0.062	Hygrade Metals	.050" Galv. (1)
16	Encore Awning Operator	51.11.00.211	Amesbury /Truth	
17	HGE CSM UL Assembly Impact	14.97.00.230	Amesbury /Truth	
18	HGE CSM LL Assembly Impact	14.97.00.231	Amesbury /Truth	
19	Encore Keeper LH	32627.93	Amesbury /Truth	
20	Encore Keeper RH	32626.93	Amesbury /Truth	
21	Encore Tie Bar Guide	33706	Amesbury /Truth	
22	Encore Multi-Point Lock / Short / Gasket	24.30.32.004	Amesbury /Truth	
23	Encore Folding Handle	12614.32	Amesbury /Truth	
24	Encore Operator White Gasket	32658	Amesbury /Truth	
25	Spacer Operator Impact	21544	Amesbury /Truth	
26	MP Tie Bar Guide	14583.92.00.110	Amesbury /Truth	
27	# 10-24 x 11/16" Self Tapping Machine	19128.92	Amesbury /Truth	
28	# 6 x 5/8" Tek / Sash Rebar (2 per rebar evenly spaced)	117595	GLF Corporation	
29	# 8 x 5/8" Tek / Sash Hinge	120934	GLF Corporation	
30	# 6 x 5/8" Tek / Frame Hinge	117598	GLF Corporation	
31	# 6 x 5/8" Tek / Tie Bar Guide	117598	GLF Corporation	
32	# 8 x 1/2" Pan Head / Keeper Screws	120145	GLF Corporation	
33	# 10 x 1" FLT Sharp Point / Operator Screws	127318	GLF Corporation	
34	# 5 x 3/8" Tek / Screen Clips White	116506	GLF Corporation	
	Line and the second sec	Installation Fasteners	1	
35	#12 OR #14 WOOD SCREW	n/a	n/a	Steel
36	1/4" ADVANCED THREADFORM TAPCON	n/a	ITW	Steel
37	#14 SHEET METAL OR SELF-DRILLING SCREW	n/a	n/a	Steel

⁽¹⁾ Hygrade Metals Specification: AISI 1005 to 1010, CS Type A and B, 30 ksi to 50 ksi Yield Strength, G40 Galvanized



⁽²⁾ ENERGI FENESTRATION SOLUTIONS USA, INC., PER MD NOA. NO. 18-0122.02