

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Greenheck Fan Corporation P.O. Box 410 Schofield, WI 54476

Scope:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Model RSQ/XRID Steel Rooftop Fans

APPROVAL DOCUMENT: Drawing No. **100897882**, titled "RSQ/XRID High Wind Certification", sheets 1 through 13 of 13, dated 03/07/2025, prepared by Greenheck Fan Corporation, signed and sealed by Wayne K. Helmila, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo Schofield, WI or Knoxville, TN and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1, as well as the approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**

MIAMI-DADE COUNTY
APPROVED

03/26/25

NOA No. 25-0131.02 Expiration Date: April 3, 2030 Approval Date: April 3, 2025

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. 100897882, titled "RSQ/XRID High Wind Certification", sheets 1 through 13 of 13, dated 03/07/2025, prepared by Greenheck Fan Corporation, signed and sealed by Wayne K. Helmila, P.E.

B. TESTS

- 1. Test report on 1) Uniform Static Air Pressure Test per FBC, TAS 202-94
 2) Large Missile Impact Test per FBC, TAS 201-94,
 along with marked-up drawings and installation diagram of the Model RSQ-24 Fan,
 prepared by Quast Consulting & Testing, Inc., Test Report No. QCT24-7323.03,
 dated 10/31/2024, signed and sealed by Brian M. Sasman, P.E.
- 2. Test report on 1) Uniform Static Air Pressure Test per FBC, TAS 202-94
 2) Large Missile Impact Test per FBC, TAS 201-94,
 along with marked-up drawings and installation diagram of the Model RSQ-33 Fan,
 prepared by Quast Consulting & Testing, Inc., Test Report No. QCT24-7323.04,
 dated 10/31/2024, signed and sealed by Brian M. Sasman, P.E.

C. CALCULATIONS

1. Anchor verification calculations, prepared by Rice Engineering, dated 03/20/2025, signed and sealed by Wayne K. Helmila, P.E.

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

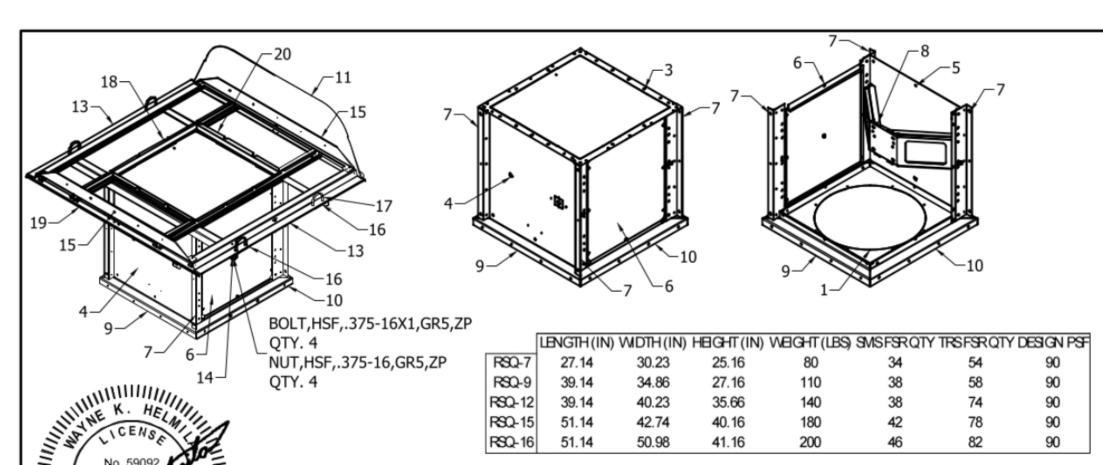
1. None.

F. STATEMENTS

- 1. Statement letter of code conformance to the 8th edition (2023) of the FBC, issued by Rice Engineering, dated 01/15/2025, signed and sealed by Wayne K. Helmila, P.E.
- 2. Statement letter of no financial interest, issued by Rice Engineering, dated 01/15/2025, signed and sealed by Wayne K. Helmila, P.E.

Carlos M. Utrera, P.E. Product Control Examiner NOA No. 25-0131.02 Expiration Date: April 3, 2030

Approval Date: April 3, 2025



03/19/2025

COA: 9090

TRS,HH,.313-18X.75,

QTY. XX

MECH ZP, SEMI-GIMLET

NUT, HSF, .313-18, GR5, ZP

COMPLETE ISOMETRIC VIEW

QTY. 16

REVISION 0

PRODUCT APPROVED

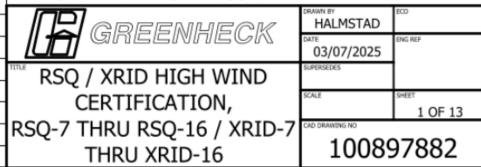
25-0131.02

Approval Date 04/03/2025

Miami-Dade Product Control

NOTES:

- 1. MODEL RSQ HAS BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH MIAMI DADE TEST PROTOCOL TAS-201 (LARGE MISSILE IMPACT) AND TAS-202 (STATIC LOADING).
- 2. ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY ROOF FANS. FASTENERS SHALL BE AS SPECIFIED AND INSTALLED AS DETAILED.
- 3. DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
- 4. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
- 5. THESE FANS HAVE NOT BEEN TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS-100(A)-95.
- 6. THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY AND IMPACT RATING OF THE EXTERIOR HOUSING ONLY, IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL COMPONENT.
- 7. MODEL SHOWN IS IN A EXHAUST/FILTERED CONFIGURATION:
- WHEN SUPPLY, INLET PANEL EXHAUST (1) IS REPLACED WITH INLET PANEL SUPPLY (2)
- WHEN BIRDSCREEN, ALL PARTS WITH "FILTER" ARE REPLACED WITH PARTS "BIRDSCREEN"



	ITEM
RICE	1
ENGINEERING 105 School Creek Trail	2
Luxemburg, WI 54217 Phone: (920) 617-1042	3
Fax: (920) 617-1100 www.rice-inc.com	4
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F,.313-18,GR5,ZP	21
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QTY

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DESCRIPTION

INLET PANEL EXHAUST

INLET PANEL SUPPLY **OUTLET PANEL**

TOP PANEL

BOTTOM PANEL

ACCESS DOOR

ISOLATOR RAIL

MOTOR PLATE BRACKET

TOP/BOTTOM CURB ADAPTER

LEFT/RIGHT CURB ADAPTER

HOOD END PANEL

HOOD PANEL

HOOD Z CHANNEL

HOOD HORIZONTAL RAIL

HOOD END ANGLE

HOOD HINGE BRACKET

U BOLT, .313-18 X 2.532 X 2.75

FILTER C CHANNEL

FILTER END ANGLE

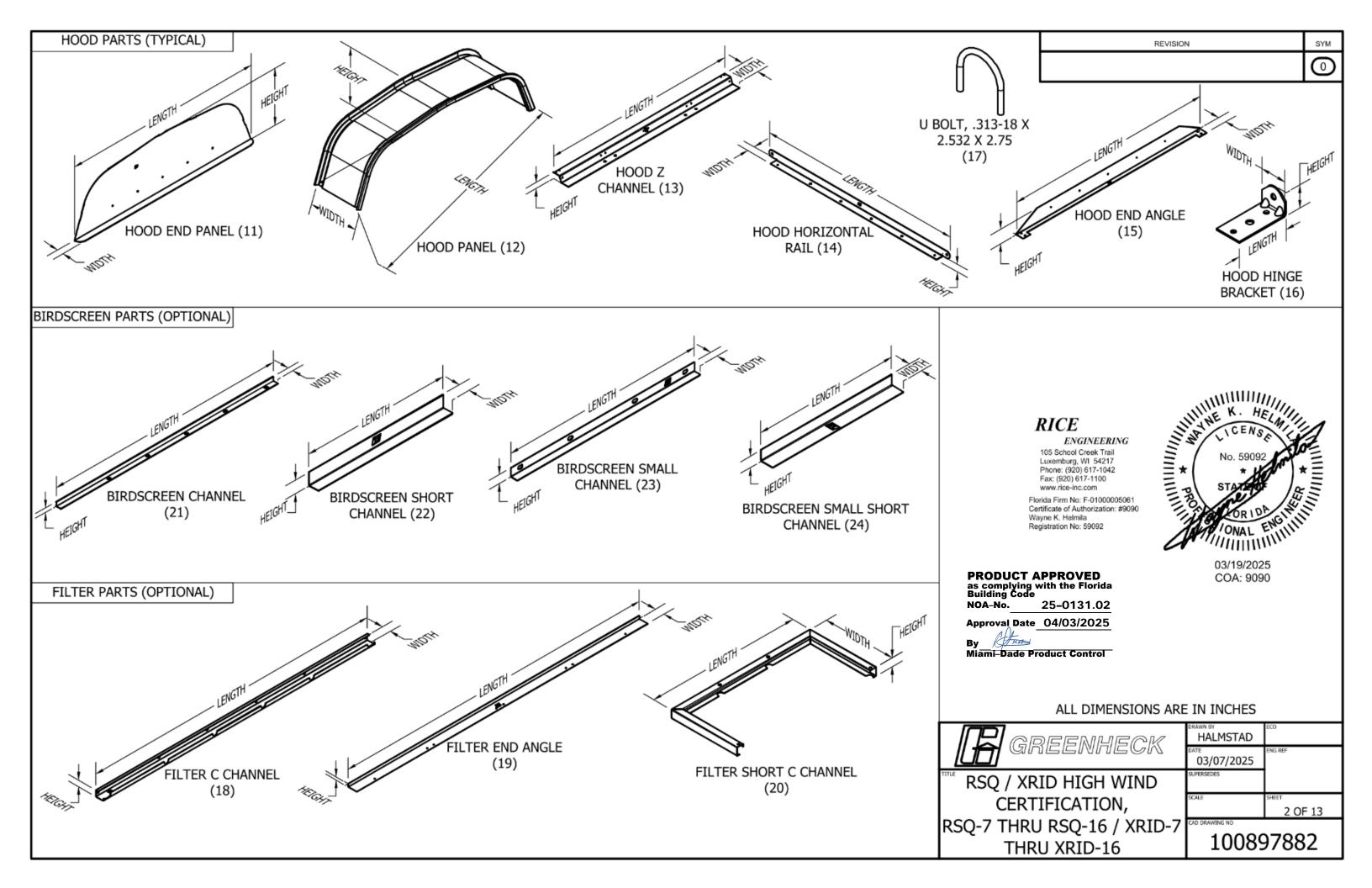
FILTER SHORT C CHANNEL

BIRDSCREEN CHANNEL

BIRDSCREEN SHORT CHANNEL

BIRDSCREEN SMALL CHANNEL

BIRDSCREEN SMALL SHORT CHANNEL



REVISION	SYM
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		HOOD BND	PANEL (11)		HOOD PANEL (12)				HOODZCHANNEL(13)				HOOD HORIZONTAL RAIL (14)			4)	
	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HBGHT(IN)	GALV	GVNL	LENGTH(IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL
RSQ-7	28.74	1.57	8.75	18 GA	27.24	12.31	8.83	22 GA	20 GA	24	4.21	1.47	12 GA	29.88	1.77	1.85	12 GA
RSQ-9	33.36	1.57	8.75	18 GA	31.59	12.31	8.83	22 GA	20 GA	36	4.21	1.47	12 GA	34.5	1.77	1.85	12 GA
RSQ-12	38.73	1.57	13.80	18 GA	36.64	12.31	13.83	22 GA	20 GA	36	4.21	1.47	12 GA	39.88	1.77	1.85	12 GA
RSQ-15	41.24	1.57	13.80	18 GA	38.99	12.31	13.83	22 GA	20 GA	48	4.21	1.47	12 GA	42.37	1.77	1.85	12 GA
RSQ-16	49.49	1.57	13.80	18 GA	46.74	12.31	13.83	22 GA	20 GA	48	4.21	1.47	12 GA	50.63	1.77	1.85	12 GA

		HOOD BND	ANGLE(15)		HOOD HINGE BRACKET (16)						
	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL			
RSQ-7	24.24	1.75	3.10	12 GA	4.13	2	1.75	11 GA			
RSQ-9	28.86	1.75	3.10	12 GA	4.13	2	1.75	11 GA			
RSQ-12	34.24	1.75	3.10	12 GA	4.13	2	1.75	11 GA			
RSQ-15	36.74	1.75	3.10	12 GA	4.13	2	1.75	11 GA			
RSQ-16	44.99	1.75	3.10	12 GA	4.13	2	1.75	11 GA			

	FILTERCO	ANNEL(18)		FILTER END ANGLE (19)						
LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL			
23.5	1.37	1	18 GA	30.24	1.5	0.5	18 GA			
35.5	1.37	1	18 GA	34.86	1.5	0.5	18 GA			
35.5	1.37	1	18 GA	40.23	1.5	0.5	18 GA			
47.5	1.37	1	18 GA	42.74	1.5	0.5	18 GA			
47.5	1.37	1	18 GA	50.98	1.5	0.5	18 GA			

	FIL	TERSHORT (CHANNEL (2	0)	BIRDSOREEN CHANNEL (21)					
	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV		
RSQ-7	11.73	5.87	1.37	18 GA	23.5	1.05	0.86	18 GA		
RSQ-9	15.46	10.01	1.37	18 GA	35.5	1.05	0.86	18 GA		
RSQ-12	18.63	8.42	1.37	18 GA	35.5	1.05	0.86	18 GA		
RSQ-15	22.36	12.56	1.37	18 GA	47.5	1.05	0.86	18 GA		
RSQ-16	24.37	11.55	1.37	18 GA	47.5	1.05	0.86	18 GA		

BIRD	603#⊞N 9HC	RTCHANNEL(22)	BIRDSOREEN SWALL CHANNEL (23)					
LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV		
7.72	0.86	1.05	18 GA	11.43	0.86	1.05	18 GA		
8.16	0.86	1.05	18 GA	15.17	0.86	1.05	18 GA		
9.27	0.86	1.05	18 GA	18.33	0.86	1.05	18 GA		
8.65	0.86	1.05	18 GA	22.07	0.86	1.05	18 GA		
11.77	0.86	1.05	18 GA	24.08	0.86	1.05	18 GA		

	BIRDSOF	BIRDSOREEN SWALLSHORT CHANNEL (24)										
	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV								
RSQ-7	5.78	1.05	0.86	18 GA								
RSQ-9	9.91	1.05	0.86	18 GA								
RSQ-12	8.33	1.05	0.86	18 GA								
RSQ-15	12.46	1.05	0.86	18 GA								
RSQ-16	11.45	1.05	0.86	18 GA								

RICE

ENGINEERING

105 School Creek Trail Luxemburg, WI 54217 Phone: (920) 617-1042 Fax: (920) 617-1100 www.rioe-inc.com

Florida Firm No: F-0100005061 Certificate of Authorization: #9090 Wayne K. Helmila Registration No: 59092



03/19/2025 COA: 9090

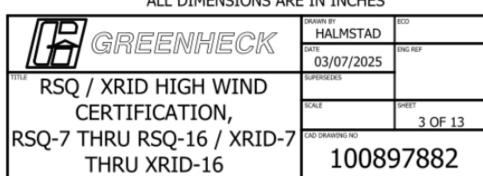
PRODUCT APPROVED as complying with the Florida Building Code

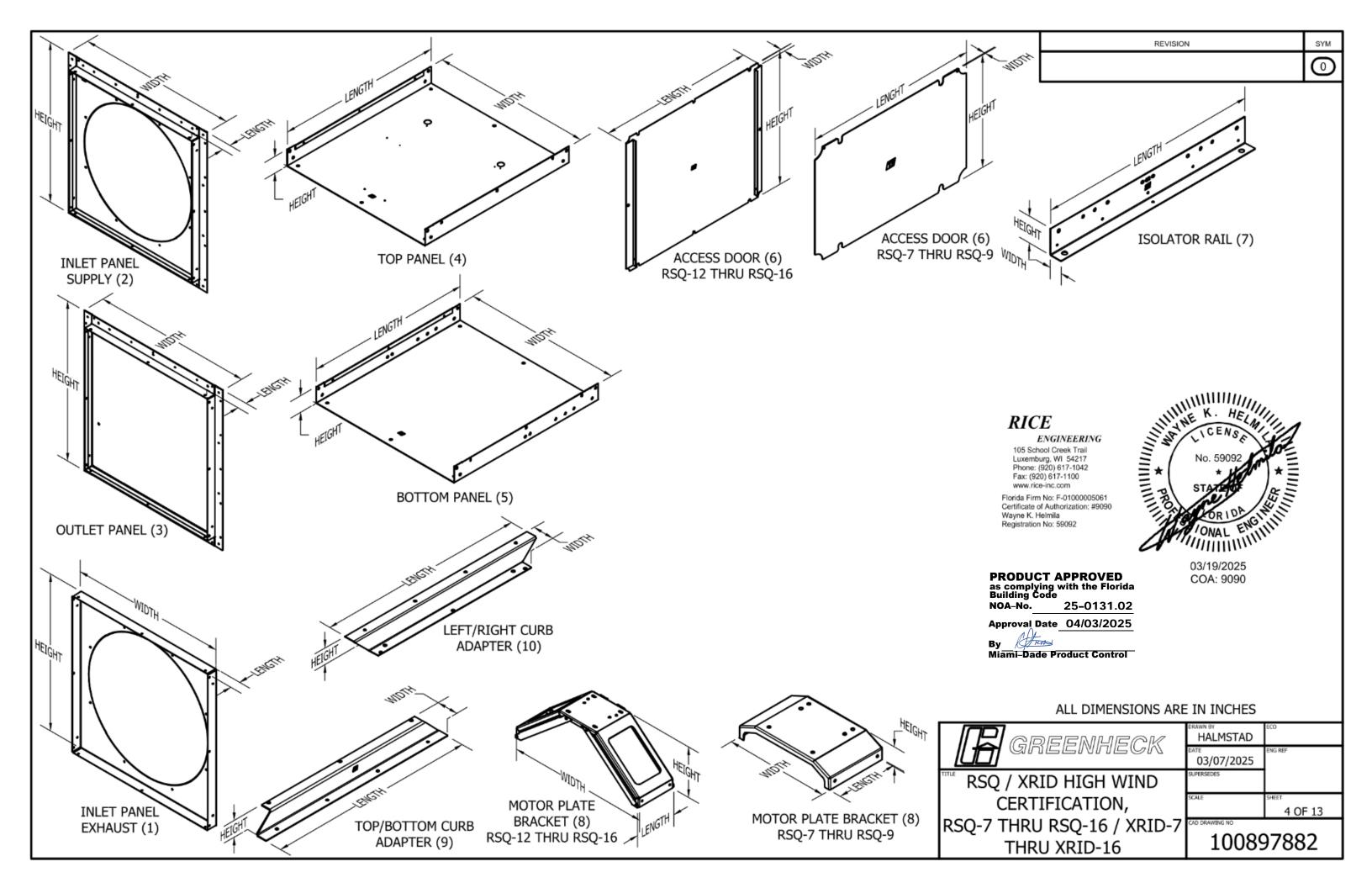
NOA-No. 25-0131.02

Approval Date 04/03/2025

By Miami-Dade Product Control

ALL DIMENSIONS ARE IN INCHES





REVISION	SYM
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		INLETPANEL	EXHAUST (1)		INLET PANEL SUPPLY (2)				OUTLET PANEL (3)				TOP PANEL (4)			
	LENGTH (IN)	WIDTH(IN)	HEGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDTH(IN)	HEGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL
RSQ- 7	1.50	14.35	14.35	18 GA	1.50	14.35	14.35	18 GA	1.50	14.35	14.35	18 GA	14.21	11.57	2.25	18 GA
RSQ-9	1.50	18.09	18.09	18 GA	1.50	18.09	18.09	18 GA	1.50	18.09	18.09	18 GA	16.21	15.31	2.25	18 GA
RSQ-12	1.50	21.25	21.25	18 GA	1.50	21.25	21.25	18 GA	1.50	21.25	21.25	18 GA	19.71	18.47	2.25	18 GA
RSQ-15	1.50	24.99	24.99	18 GA	1.50	24.99	24.99	18 GA	1.50	24.99	24.99	18 GA	24.21	22.21	2.25	18 GA
RSQ-16	1.50	27.00	27.00	18 GA	1.50	27.00	27.00	18 GA	1.50	27.00	27.00	18 GA	25.21	24.22	2.25	18 GA

		BOTTOM	PANEL(5)		ACCESSIDOOR(6)				ISOLATOR RAIL (7)				MOTOR PLATE BRACKET (8)			
	LENGTH (IN)	WIDTH(IN)	HEGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDTH(IN)	HEGHT(IN)	GALV/GVNL	LENGTH (IN)	WDTH(IN)	HEGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL
RSQ-7	14.21	11.57	2.25	18 GA	12.75	0.05	8.20	18 GA	14.21	1.39	3.00	14 GA	6.70	11.43	2.21	14 GA
RSQ-9	16.21	15.31	2.25	18 GA	14.75	0.05	11.44	18 GA	16.21	1.39	3.00	14 GA	6.70	15.16	4.08	14 GA
RSQ-12	19.71	18.47	2.25	18 GA	18.25	0.55	14.60	18 GA	19.71	1.39	3.00	14 GA	7.04	18.19	5.63	14 GA
RSQ-15	24.21	22.21	2.25	18 GA	22.75	0.55	18.34	18 GA	24.21	1.39	3.00	14 GA	7.04	21.93	7.49	14 GA
RSQ-16	25.21	24.22	2.25	18 GA	23.75	0.55	20.35	18 GA	25.21	1.39	3.00	14 GA	7.04	23.94	8.50	14 GA

	TOF	/BOTTOM C	JRB ADAPTER	R(9)	LEFT/RIGHT CURB ADAPTER (10)						
	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL			
RSQ-7	15.66	2.9	2.25	14 GA	15.66	2.9	2.25	14 GA			
RSQ-9	19.4	2.9	2.25	14 GA	19.4	2.9	2.25	14 GA			
RSQ-12	22.56	2.9	2.25	14 GA	22.56	2.9	2.25	14 GA			
RSQ-15	26.3	2.9	2.25	14 GA	26.3	2.9	2.25	14 GA			
RSQ-16	28.31	2.9	2.25	14 GA	28.31	2.9	2.25	14 GA			

PRODUCT APPROVED as complying with the Florida Building Code

NOA-No. 25-0131.02

Approval Date 04/03/2025

By

Miami-Dade Product Control

RICE

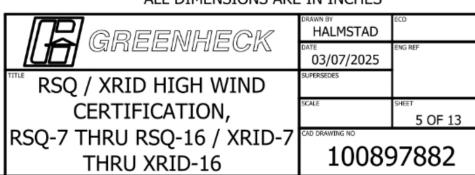
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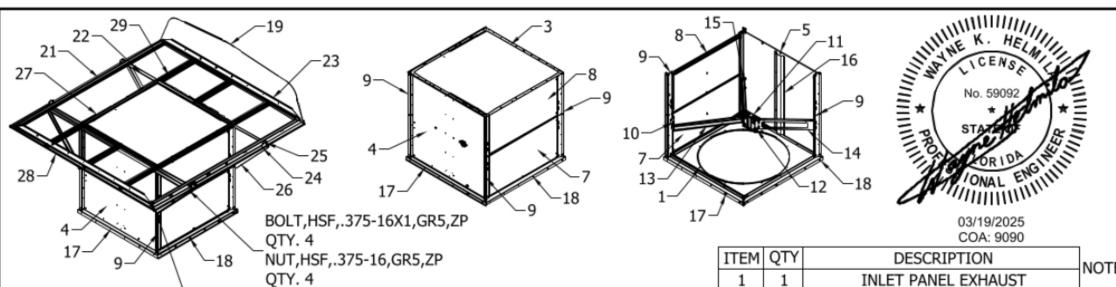
105 School Creek Trail Luxemburg, WI 54217 Phone: (920) 617-1042 Fax: (920) 617-1100 www.rice-inc.com

Florida Firm No: F-01000005061 Certificate of Authorization: #9090 Wayne K. Helmila Registration No: 59092



ALL DIMENSIONS ARE IN INCHES





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INLET PANEL SUPPLY

OUTLET PANEL

TOP PANEL

BOTTOM PANEL

ACCESS DOOR

ACCESS DOOR A

ACCESS DOOR B

ISOLATOR RAIL

ELECTRIC BOX/WIRE SUPPORT

MOTOR PLATE

MOTOR PLATE SUPPORT

MOTOR PLATE SUPPORT BRACKET

MOTOR BASE LEFT

MOTOR BASE RIGHT

CENTER CHANNEL

TOP/BOTTOM CURB ADAPTER

LEFT/RIGHT CURB ADAPTER

HOOD END PANEL

HOOD PANEL

HOOD Z CHANNEL

HOOD HORIZONTAL RAIL

HOOD END ANGLE

HOOD HINGE BRACKET

HOOD SUPPORT ANGLE

FILTER C CHANNEL

FILTER END ANGLE

FILTER SHORT C CHANNEL

BIRDSCREEN CHANNEL

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ENGINEERING

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Approval Date 04/03/2025 Stuns

REVISION

Miami-Dade Product Control

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- 1. MODEL RSQ HAS BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH MIAMI DADE TEST PROTOCOL TAS-201 (LARGE MISSILE IMPACT) AND TAS-202 (STATIC LOADING).
- 2. ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY ROOF FANS. FASTENERS SHALL BE AS SPECIFIED AND INSTALLED AS DETAILED.
- 3. DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
- 4. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
- 5. THESE FANS HAVE NOT BEEN TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS-100(A)-95.
- 6. THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY AND IMPACT RATING OF THE EXTERIOR HOUSING ONLY, IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL COMPONENT.
- 7. MODEL SHOWN IS IN A EXHAUST/FILTERED CONFIGURATION:
- WHEN SUPPLY, INLET PANEL EXHAUST (1) IS REPLACED WITH INLET PANEL SUPPLY (2)
- WHEN BIRDSCREEN, ALL PARTS WITH "FILTER" ARE REPLACED WITH PARTS "BIRDSCREEN"



RSQ / XRID HIGH WIND CERTIFICATION, RSQ-18 THRU RSQ-33 / XRID-18 THRU XRID-33

HALMSTAD 03/07/2025 6 OF 13 100897882

ı		LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	WEIGHT (LBS)	SMSF9RQTY	TRSF9RQTY	DESIGN PSF
ı	RSQ-18	63.14	50.11	42.22	260	50	114	90
	RSQ-20	63.14	61.36	44.80	290	50	118	90
	RSQ-22	75.14	61.49	47.65	330	54	124	90
	RSQ-24	75.14	74.49	55.10	410	54	124	90
	RSQ-27	87.14	75.99	58.54	540	62	140	40
	RSQ-30	87.14	89.36	64.56	760	66	144	40
	RSQ-33		93.86	69.87	850	70	148	40

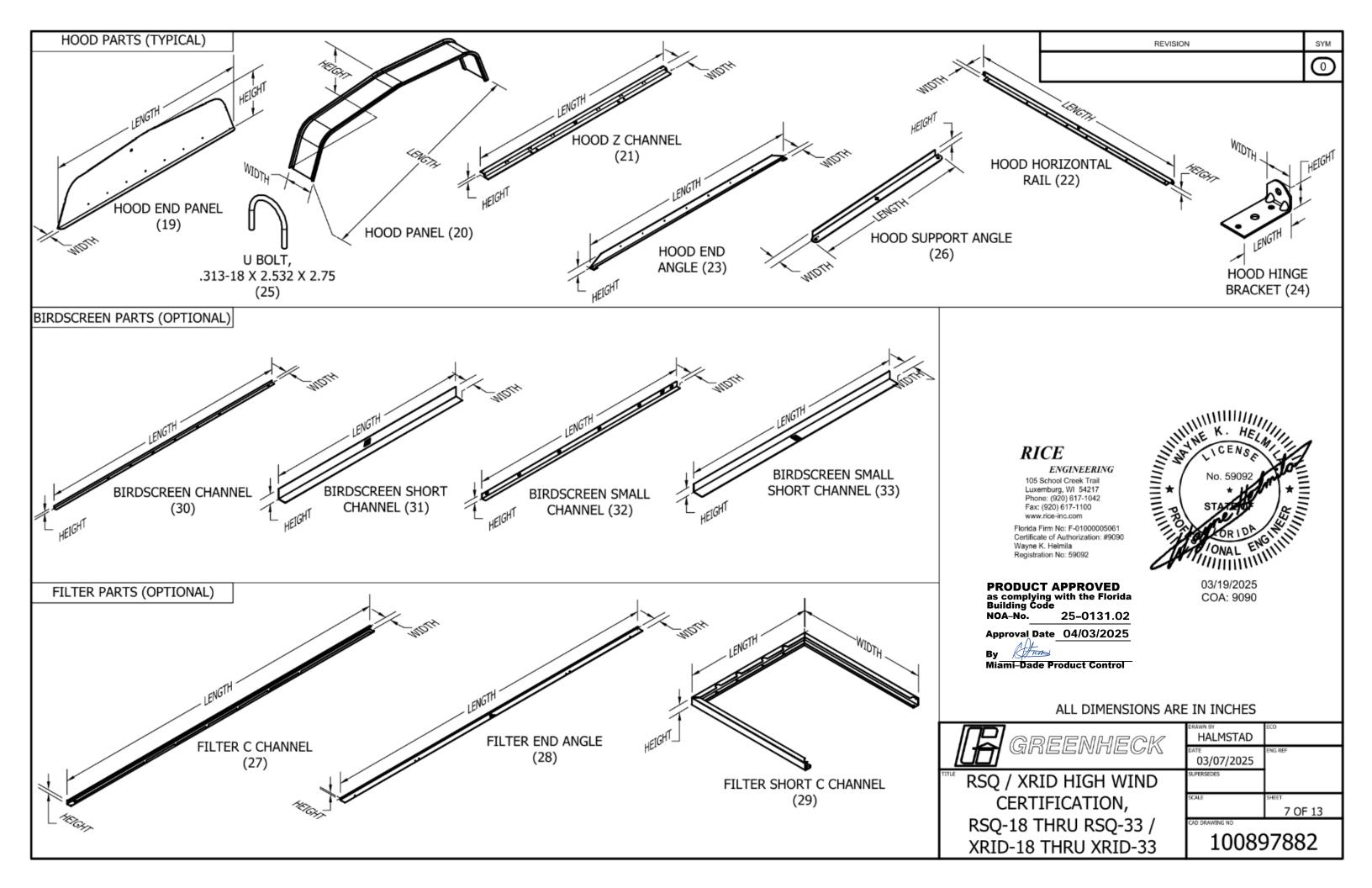
BOLT, HSF, .313-18X.75, GR5, ZP

NUT, HSF, .313-18, GR5, ZP

QTY. 4

QTY. 4

SC+33	99. 14	95.00	09.07	800	70	140	40
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		LEN	GTH		WIDTH		
	HEIGHT						
					AI	20	
	1				SMS ZP, QTY	, IHWH, #12-1 TYP A, W/ EPD	.1 x .625, M
	RS,HH,.313-1 CH ZP,SEMI-G				<i>y</i>	ISF,.313-18,GF	R5,ZP
	Q	11. 77	*		COM	PLETE ISOMET	TRIC VIEW



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ı			HOOD BND	PANEL (19)			Н00	DPANEL(20)				HOODZP	ANEL (21)		Н	OOD HORIZO	NTALRAIL(22	2)
L		LENGTH (IN)	WIDHT(IN)	HEIGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDHT(IN)	HEIGHT(IN)	GALV	GVNL	LENGTH(IN)	WIDHT(IN)	HBGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDHT(IN)	HEIGHT(IN)	GALV/GVNL
F	3 02-18	48.61	1.57	13.80	18 GA	45.92	12.31	13.83	22 GA	20 GA	60.00	4.21	1.47	12 GA	49.75	1.77	1.85	12 GA
F	2 80-20	59.86	1.57	13.80	18 GA	56.49	12.31	13.83	22 GA	20 GA	60.00	4.21	1.47	12 GA	61.00	1.77	1.85	12 GA
F	8 00-22	59.99	1.57	13.80	18 GA	56.61	12.31	13.83	22 GA	20 GA	72.00	4.21	1.47	12 GA	61.12	1.77	1.85	12 GA
F	78 Q-24	72.99	1.57	17.80	18 GA	68.82	12.31	17.83	22 GA	20 GA	72.00	4.21	1.47	12 GA	74.13	1.77	1.85	12 GA
F	RSQ-27	74.49	1.57	17.80	18 GA	70.23	12.31	17.83	22 GA	20 GA	84.00	4.21	1.47	12 GA	75.62	1.77	1.85	12 GA
F	2 80-30	87.86	1.57	19.80	18 GA	82.80	12.31	19.83	22 GA	20 GA	84.00	4.21	1.47	12 GA	89.00	1.77	1.85	12 GA
F	2 80-33	92.36	1.57	20.80	18 GA	87.03	12.31	20.83	22 GA	20 GA	96.00	4.21	1.47	12 GA	93.50	1.77	1.85	12 GA

		HOOD BND	ANGLE(23)		HOOD HINGE BRACKET (24)			
	LENGTH (IN)	WIDHT(IN)	HBGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDHT(IN)	HBGHT(IN)	GALV/GVNL
RSQ-18	44.11	1.75	3.10	12 GA	4.13	2.00	1.75	11 GA
RSQ-20	55.36	1.75	3.10	12 GA	4.13	2.00	1.75	11 GA
RSQ-22	55.49	1.75	3.10	12 GA	4.13	2.00	1.75	11 GA
RSQ-24	68.49	1.75	3.10	12 GA	4.13	2.00	1.75	11 GA
RSQ-27	69.99	1.75	3.10	12 GA	4.13	2.00	1.75	11 GA
RSQ-30	83.36	1.75	3.10	12 GA	4.13	2.00	1.75	11 GA
RSQ-33	87.86	1.75	3.10	12 GA	4.13	2.00	1.75	11 GA

Н	OOD SUPPO	RTANGLE (26))	FILTER COHANNEL (27)			
LENGTH (IN)	WIDHT(IN)	HBGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDHT(IN)	HEIGHT(IN)	GALV/GVNL
17.33	1.65	1.50	18 GA	59.50	1.37	1.00	18 GA
21.21	1.65	1.50	18 GA	59.50	1.37	1.00	18 GA
21.32	1.65	1.50	18 GA	71.50	1.37	1.00	18 GA
25.86	1.65	1.50	18 GA	71.50	1.37	1.00	18 GA
26.42	1.65	1.50	18 GA	83.50	1.37	1.00	18 GA
31.11	1.65	1.50	18 GA	83.50	1.37	1.00	18 GA
32.71	1.65	1.50	18 GA	95.50	1.37	1.00	18 GA

		FILTEREND	ANGLE(28)		FILTERSHORT COHANNEL (29)			
	LENGTH (IN)	WIDHT(IN)	HEIGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDHT(IN)	HBGHT(IN)	GALV/GVNL
RSQ-18	50.11	1.50	0.50	18 GA	26.96	16.26	1.37	18 GA
RSQ-20	61.36	1.50	0.50	18 GA	29.55	14.96	1.37	18 GA
RSQ-22	61.49	1.50	0.50	18 GA	32.42	19.52	1.37	18 GA
RSQ-24	74.48	1.50	0.50	18 GA	35.88	17.80	1.37	18 GA
RSQ-27	75.99	1.50	0.50	18 GA	39.32	22.07	1.37	18 GA
RSQ-30	89.36	1.50	0.50	18 GA	21.64	20.06	1.37	18 GA
RSQ-33	93.86	1.50	0.50	18 GA	23.80	23.91	1.37	18 GA

E	BIRDSOREEN (CHANNEL (30)		BIRD	DESCREEN SHO	RTCHANNEL(3	31)
LENGTH (IN)	WIDHT(IN)	HBGHT(IN)	GALV	LENGTH(IN)	WIDHT(IN)	HEIGHT(IN)	GALV
59.50	1.05	0.86	18 GA	10.03	0.86	1.05	18 GA
59.50	1.05	0.86	18 GA	14.37	0.86	1.05	18 GA
71.50	1.05	0.86	18 GA	12.99	0.86	1.05	18 GA
71.50	1.05	0.86	18 GA	17.77	0.86	1.05	18 GA
83.50	1.05	0.86	18 GA	16.79	0.86	1.05	18 GA
83.50	1.05	0.86	18 GA	21.47	0.86	1.05	18 GA
95.50	1.05	0.86	18 GA	21.56	0.86	1.05	18 GA

	BIR	DSCREEN SWA	ALCHANNEL(32)	BIRDSOREEN SWALL SHORT CHANNEL (33)			
	LENGTH (IN)	WIDHT(IN)	HEIGHT(IN)	GALV	LENGTH (IN)	WIDHT(IN)	HEIGHT(IN)	GALV
RSQ-18	26.67	0.86	1.05	18 GA	16.16	1.05	0.86	18 GA
RSQ-20	29.26	0.86	1.05	18 GA	14.86	1.05	0.86	18 GA
RSQ-22	32.13	0.86	1.05	18 GA	19.43	1.05	0.86	18 GA
RSQ-24	35.58	0.86	1.05	18 GA	17.70	1.05	0.86	18 GA
RSQ-27	39.03	0.86	1.05	18 GA	21.98	1.05	0.86	18 GA
RSQ-30	43.06	0.86	1.05	18 GA	19.96	1.05	0.86	18 GA
RSQ-33	47.37	0.86	1.05	18 GA	23.81	1.05	0.86	18 GA



03/19/2025 COA: 9090

RICE

ENGINEERING 105 School Creek Trail Luxemburg, WI 54217 Phone: (920) 617-1042 Fax: (920) 617-1100 www.rice-inc.com

Florida Firm No: F-0100005061 Certificate of Authorization: #9090 Wayne K. Helmila Registration No: 59092

PRODUCT APPROVED as complying with the Florida Building Code

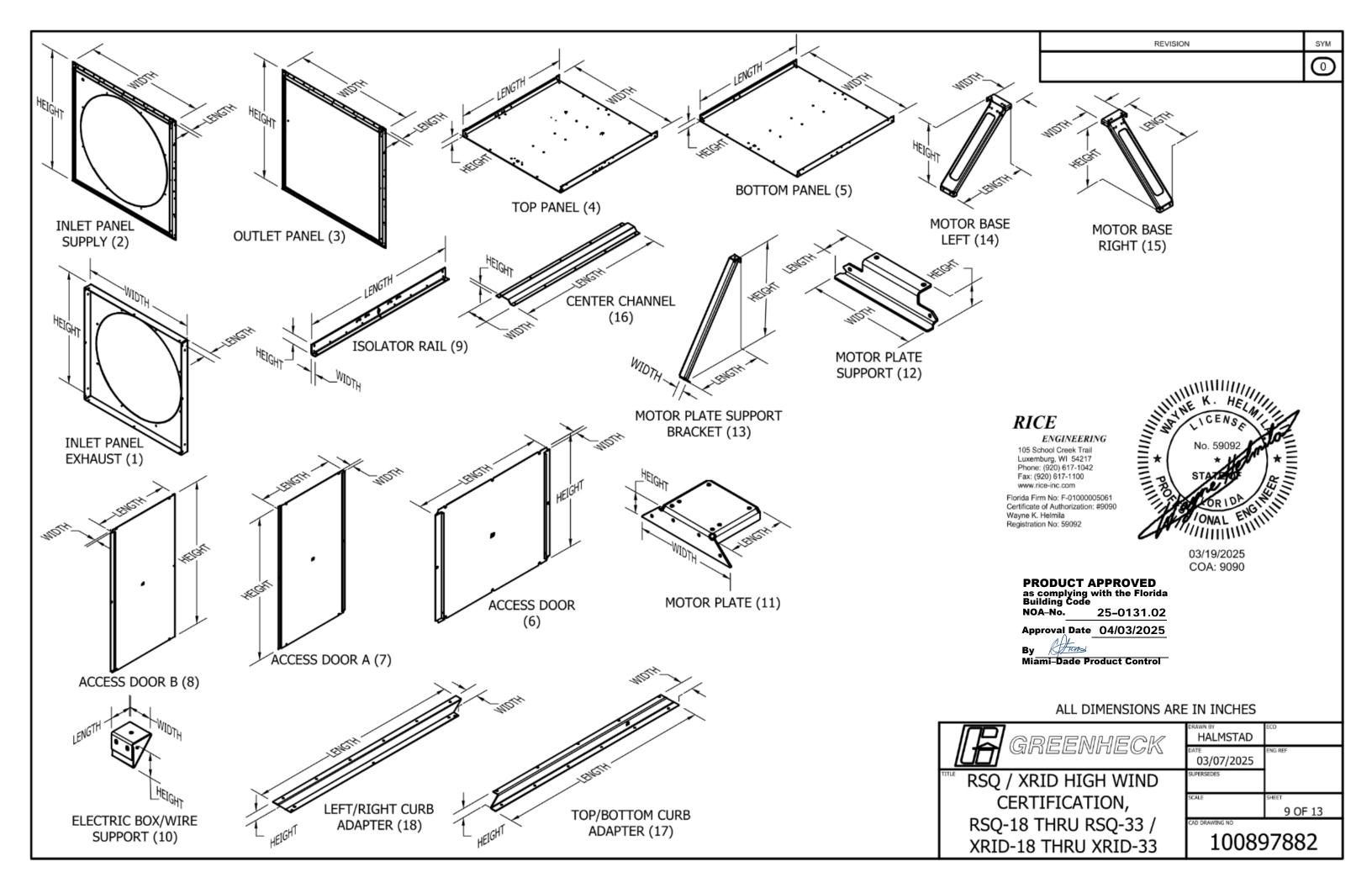
NOA-No. 25-0131.02 Approval Date 04/03/2025

By Miami-Dade Product Control

ALL DIMENSIONS ARE IN INCHES

REVISION

Registration No: 59092	IN INCIDES	
FR GREENHECK	HALMSTAD	ECO
	03/07/2025	ENG REF
RSQ / XRID HIGH WIND	SUPERSEDES	
CERTIFICATION,	SCALE	8 OF 13
RSQ-18 THRU RSQ-33 /	CAD DRAWING NO	7002
XRID-18 THRU XRID-33	10088	97882



REVISION	SYN
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		INLET PANEL EXHAUST (1)				INLETPANE	SUPPLY(2)		OUTLET PANEL (3) TOP				TOP PA	NEL(4)		
					LENGTH (IN)		HBGHT(IN)	CALV/GVNI	LENGTH(IN) WIDTH(IN) HEIGHT(IN) GALV/GANL LENGTH(IN)				. ,	GALV/GVNL		
RSQ-18	1.50	29.59	29.59	18 GA	1.50	29.59	29.59	18 GA	1.50	29.59	29.59	18 GA	26.29	26.81	2.25	18 GA
RSQ-20	1.50	32.18	32.18	18 GA	1.50	32.18	32.18	18 GA	1.50	32.18	32.18	18 GA	28.88	29.40	2.25	18 GA
RSQ-22	1.50	35.05	35.05	18 GA	1.50	35.05	35.05	18 GA	1.50	35.05	35.05	18 GA	31.76	32.27	2.25	18 GA
RSQ-24	1.50	38.50	38.50	18 GA	1.50	38.50	38.50	18 GA	1.50	38.50	38.50	18 GA	35.21	35.72	2.25	18 GA
RSQ-27	1.50	41.95	41.95	14 GA	1.50	41.95	41.95	14 GA	1.50	41.95	41.95	14 GA	38.51	39.22	2.25	14 GA
RSQ-30	1.50	45.98	45.98	14 GA	1.50	45.98	45.98	14 GA	1.50	45.98	45.98	14 GA	42.54	43.24	2.25	14 GA
RSQ-33	1.50	50.29	50.29	14 GA	1.50	50.29	50.29	14 GA	1.50	50.29	50.29	14 GA	46.85	47.55	2.25	14 GA

	BOTTOM PANEL (5)					ACCESS [000R(6)		ACCESS DOORA (7) ACCESS				ACCESSID	OORB(8)		
	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL
RSQ-18	26.29	26.81	2.25	18 GA	24.84	0.55	22.94	18 GA								
RSQ-20	28.88	29.40	2.25	18 GA	22.42	0.55	25.52	18 GA								
RSQ-22	31.76	32.27	2.25	18 GA					15.79	0.70	28.40	18 GA	15.13	0.55	28.40	18 GA
RSQ-24	35.21	35.72	2.25	18 GA					17.52	0.70	31.85	18 GA	16.86	0.55	31.85	18 GA
RSQ-27	38.51	39.22	2.25	14 GA					19.24	0.79	35.34	14 GA	18.58	0.57	35.34	14 GA
RSQ-30	42.54	43.24	2.25	14 GA					21.25	0.79	39.37	14 GA	20.60	0.57	39.37	14 GA
RSQ-33	46.85	47.55	2.25	14 GA					23.41	0.79	43.68	14 GA	22.75	0.57	43.68	14 GA

	ISOLATOR RAIL (9)				BEC	TRICBOX/WI	RESUPPORT	(10)		MOTORF	LATE(11)		N	OTORPLATE	SUPPORT (12)
	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL
RSQ-18	26.29	1.39	3.00	12 GA	2.02	2.17	2.30	18 GA	6.70	10.81	1.75	12 GA	2.43	10.02	1.65	12 GA
RSQ-20	28.88	1.39	3.00	12 GA	2.02	2.17	2.30	18 GA	6.70	10.75	1.75	12 GA	2.43	9.97	1.65	12 GA
RSQ-22	31.76	1.39	3.00	10 GA	2.02	2.17	2.30	18 GA	6.70	12.34	2.50	10 GA	2.79	11.16	2.37	10 GA
RSQ-24	35.21	1.39	3.00	10 GA	2.02	2.17	2.30	18 GA	6.70	12.27	2.50	10 GA	2.79	11.10	2.37	10 GA
RSQ-27	38.51	1.39	3.00	8GA	2.02	2.17	2.30	14 GA	6.70	12.11	2.50	8GA	2.75	10.96	2.33	8GA
RSQ-30	42.54	1.39	3.00	8GA	2.02	2.17	2.30	14 GA	6.70	12.06	2.50	8GA	2.75	10.92	2.33	8GA
RSQ-33	46.85	1.39	3.00	8GA	2.02	2.17	2.30	14 GA	6.70	12.02	2.50	8GA	2.75	10.89	2.33	8GA

PRODUCT APPROVED as complying with the Florida Building Code

NOA-No. 25-0131.02

Approval Date 04/03/2025

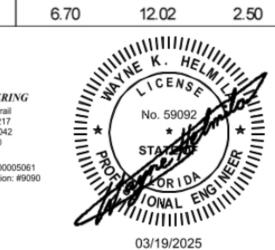
By Miami-Dade Product Control

RICE

ENGINEERING

105 School Creek Trail Luxemburg, WI 54217 Phone: (920) 617-1042 Fax: (920) 617-1100 www.rice-inc.com

Florida Firm No: F-01000005061 Certificate of Authorization: #9090 Wayne K. Helmila Registration No: 59092



ALL DIMENSIONS ARE IN INCHES

ALL DIMENSIONS ARE	IN INCHES	
F GREENHECK	HALMSTAD	ECO
	03/07/2025	ENG REF
RSQ / XRID HIGH WIND	SUPERSEDES	
CERTIFICATION,	SCALE	10 OF 13
RSQ-18 THRU RSQ-33 /	CAD DRAWING NO	27002
XRID-18 THRU XRID-33	10089	97882

COA: 9090

REVISION	SYM
	0

	MOTO	RPLATESUP	PORT BRACKE	T(13)		MOTORBAS	SELEFT(14)		MOTORBASERIGHT (15) CENTERC				CENTER CH	ANNEL(16)		
	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL
RSQ-18	9.30	2.10	17.85	12 GA	12.21	6.94	9.79	12 GA	12.21	6.94	9.79	12 GA	23.46	6.15	1.00	18 GA
RSQ-20	10.59	2.10	19.28	12 GA	13.51	6.94	11.09	12 GA	13.51	6.94	11.09	12 GA	26.05	6.15	1.00	18 GA
RSQ-22	11.97	2.13	20.86	10 GA	14.94	6.94	12.53	10 GA	14.94	6.94	12.53	10 GA	28.93	6.15	1.00	18 GA
RSQ-24	13.69	2.13	22.76	10 GA	16.67	6.94	14.25	10 GA	16.67	6.94	14.25	10 GA	32.38	6.15	1.00	18 GA
RSQ-27	15.33	2.17	24.66	8GA	18.39	6.94	15.98	8GA	18.39	6.94	15.98	8GA	35.82	6.15	1.00	14 GA
RSQ-30	17.34	2.17	26.87	8GA	20.41	6.94	17.99	8GA	20.41	6.94	17.99	8GA	39.85	6.15	1.00	14 GA
RSQ-33	19.50	2.17	29.26	8GA	22.56	6.94	20.14	8GA	22.56	6.94	20.14	8GA	44.16	6.15	1.00	14 GA

	TOP	/BOTTOM CL	IRBADAPTER ([17]	LEFT/RIGHT CURB ADAPTER (18)					
	LENGTH (IN)	WIDTH(IN)	HBGHT(IN)	GALV/GVNL	LENGTH (IN)	WIDTH(IN)	HEGHT(IN)	GALV/GVNL		
RSQ-18	30.84	2.90	2.25	14 GA	30.84	2.90	2.25	14 GA		
RSQ-20	33.42	2.90	2.25	14 GA	33.42	2.90	2.25	14 GA		
RSQ-22	36.24	2.90	2.25	12 GA	36.24	2.90	2.25	12 GA		
RSQ-24	39.69	2.90	2.25	12 GA	39.69	2.90	2.25	12 GA		
RSQ-27	43.07	2.90	2.25	12 GA	43.07	2.90	2.25	12 GA		
RSQ-30	47.10	2.90	2.25	12 GA	47.10	2.90	2.25	12 GA		
RSQ-33	51.41	2.90	2.25	12 GA	51.41	2.90	2.25	12 GA		

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 25-0131.02

10A-No. 25-0131.02

Approval Date 04/03/2025

By Miami-Dade Product Control

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03/19/2025 COA: 9090

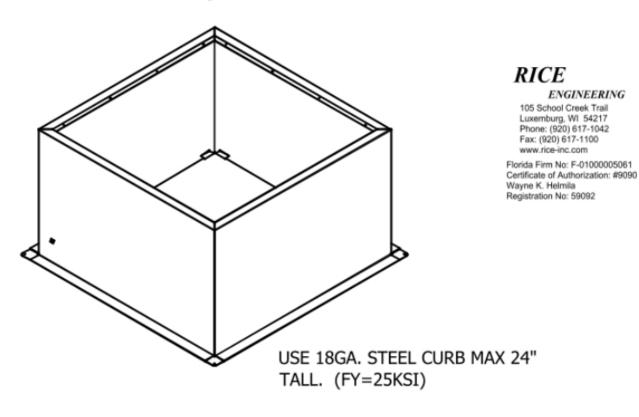
ALL DIMENSIONS ARE IN INCHES

FR GREENHECK	HALMSTAD	ECO
	03/07/2025	ENG REF
RSQ / XRID HIGH WIND	SUPERSEDES	
CERTIFICATION,	SCALE	11 OF 13
RSQ-18 THRU RSQ-33 /	CAD DRAWING NO	7002
XRID-18 THRU XRID-33	10088	97882

	RSQ / XRID-	CONCRETE DECK ANCHORING		STEEL AN	CHORING	TIMBER A	NCHORING	THRU-BOLT ANCHORING		
	ON CURB	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	MINIMUM	
	OIL COMP	ANCHORS	TOTAL	ANCHORS	TOTAL	ANCHORS	TOTAL	ANCHORS	TOTAL	
ပ		PER SIDE	ANCHORS	PER SIDE	ANCHORS	PER SIDE	ANCHORS	PER SIDE	ANCHORS	
RATING	RSQ-7	3	8	5	16	4	12	3	8	
≶	RSQ-9	3	8	6	20	4	12	3	8	
PSF	RSQ-12	4	12	7	24	5	16	3	8	
	RSQ-15	4	12	8	28	5	16	3	8	
8	RSQ-16	4	12	8	28	6	20	3	8	
	RSQ-18	5	16	9	32	6	20	4	12	
	RSQ-20	5	16	9	32	6	20	4	12	
	RSQ-22	5	16	10	36	7	24	4	12	
	RSQ-24	6	20	11	40	7	24	4	12	

9	RSQ / XRID	ANCH	TE DECK ORING	STEEL AN	CHORING	TIMBER A	NCHORING	THRU-BOLT ANCHORING		
	ON CURB	MINIMUM	MINIMUM				MINIMUM			
RAT	0	ANCHORS	TOTAL	ANCHORS	TOTAL	ANCHORS	TOTAL	ANCHORS	TOTAL	
PSF		PER SIDE	ANCHORS	PER SIDE	ANCHORS	PER SIDE	ANCHORS	PER SIDE	ANCHORS	
	RSQ-27	4	12	6	20	4	12	4	12	
8	RSQ-30	5	16	6	20	5	16	5	16	
	RSQ-33	5	16	7	24	5	16	5	16	

NOTE: ALL FASTENER QUANTITIES INCLUDE CORNER FASTENERS





03/19/2025 COA: 9090

ANCHORAGE INTO CONCRETE

USE 3/8" DIA. HILTI KWIK HUS-EZ ANCHORS (S.S. 316)

2-1/2" MIN. EMBEDMENT

2-1/2" MIN. EDGE DISTANCE

4" MIN. END DISTANCE

MIN. 4-3/4" THICK CONCRETE (F'C = 3000 PSI) (DESIGN BY OTHERS) ADD 2" \times 2" \times 1/4" THICK GALV. STEEL (A36) PLATE WASHERS

AT EACH FASTENER. REFERENCE CHART FOR MINIMUM QUANTITY OF ANCHORS.

ANCHORAGE INTO STEEL

USE 5/16-18 FASTENERS S.S. SERIES 300 COND. CW
INTO 0.105" MIN. THICK STEEL FRAMING. (FY=36KSI) (DESIGN BY OTHERS)
ADD 2" x 2" x 1/4" THICK GALV. STEEL (A36) PLATE WASHERS
AT EACH FASTENER. REFERENCE CHART FOR MINIMUM QUANTITY OF ANCHORS.

ANCHORAGE INTO TIMBER

USE 1/2" DIA. LAG BOLT S.S. SERIES 300 COND. CW
WOOD FRAMING SG = 0.42 MIN. 4" MIN. THICK (DESIGN BY OTHERS)

3-1/4" MIN. PENETRATION

1-1/2" MIN. EDGE DISTANCE

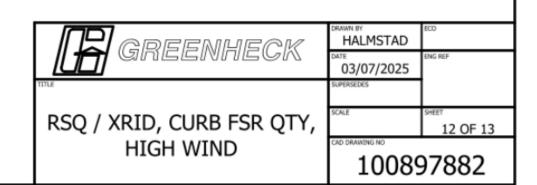
4" MIN. END DISTANCE

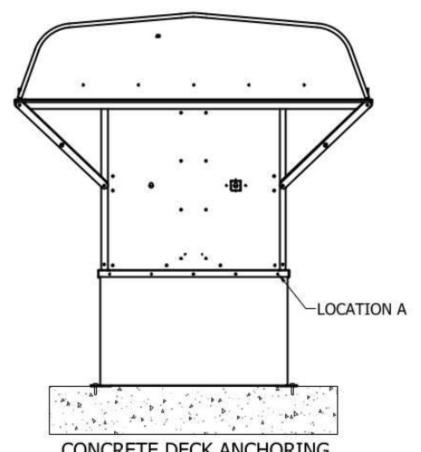
ADD 2" \times 2" \times 1/4" THICK GALV. STEEL (A36) PLATE WASHERS AT EACH FASTENER. REFERENCE CHART FOR MINIMUM QUANTITY OF ANCHORS.

THRU-BOLT ANCHORAGE

USE 1/2"-13 DIA. THRU-BOLTS S.S. SERIES 300 COND. CW THROUGH STEEL FRAMING (FY=36KSI), WOOD FRAMING (SG = 0.42), OR CONCRETE (F'C = 3000 PSI) (DESIGN BY OTHERS) ADD 2" \times 2" \times 1/4" THICK GALV. STEEL (A36) PLATE WASHERS AT EACH FASTENER. REFERENCE CHART FOR MINIMUM QUANTITY OF ANCHORS.







FAN TO CURB - LOCATION A

EAN	MIN FASTENERS	MIN TOTAL			
FAN	PER SIDE	FASTENERS			
RSQ-7	3	12			
RSQ-9	3	12			
RSQ-12	3	12			
RSQ-15	3	12			
RSQ-16	4	16			
RSQ-18	4	16			
RSQ-20	4	16			
RSQ-22	4	16			
RSQ-24	5	20			
RSQ-27	5	20			
RSQ-30	5	20			
RSQ-33	6	24			

STEEL CURB (FY = 25KSI)

USE 5/16-18 FASTENERS (S.S. SERIES 300 COND. CW)

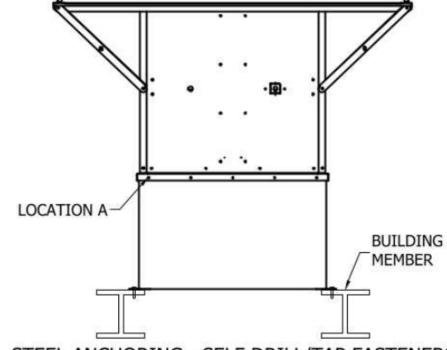
WITH WASHER. MINIMUM FASTENER COUNT PER SIDE OF UNIT REFERENCED IN CHART. MINIMUM 18 GA. THICK

PRODUCT APPROVED as complying with the Florida Building Code

NOA-No. 25-0131.02

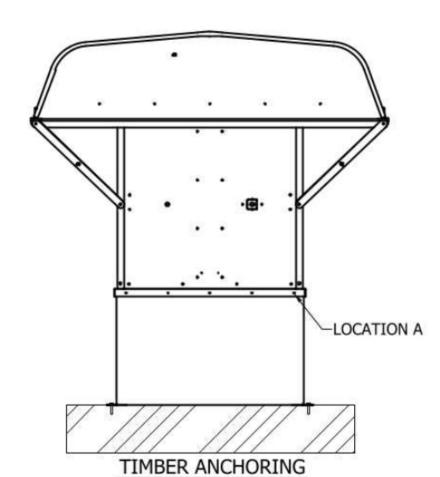
Approval Date 04/03/2025

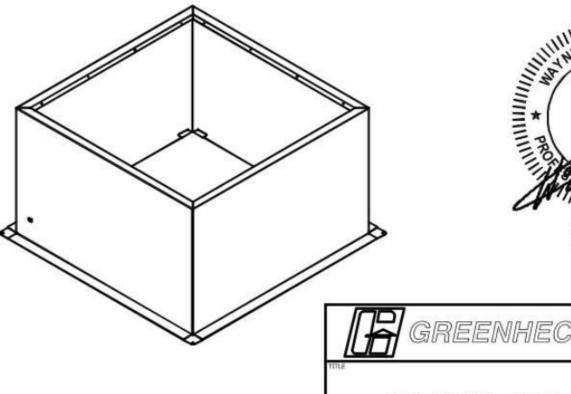
By Miami-Dade Product Control



STEEL ANCHORING - SELF DRILL/TAP FASTENERS







No. 59092

* STATE OF TOP ONAL ENGINEER

03/19/2025

COA: 9090

RSQ / XRID, CURB INSTALL, HIGH WIND DATE 03/07/2025

SUPERSEDES

SCALE SMEET 13 OF 13

100897882

RICE

ENGINEERING

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