



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

NOTICE OF ACCEPTANCE (NOA)

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

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 SQ/XID Steel Rooftop Fans

APPROVAL DOCUMENT: Drawing No. **100862966**, titled "SQ/XID High Wind Certification", sheets 1 through 9 of 9, 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.**




03/26/25

NOA No. 25-0131.03
Expiration Date: April 3, 2030
Approval Date: April 3, 2025
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **100862966**, titled “SQ/XID High Wind Certification”, sheets 1 through 9 of 9, dated 03/07/2025, 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 KSQ-24 Fan,
prepared by Quast Consulting & Testing, Inc., Test Report No. **QCT24-7323.01**,
dated 09/05/2024, 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 KSQ-33 Fan,
prepared by Quast Consulting & Testing, Inc., Test Report No. **QCT24-7323.02**,
dated 09/05/2024, 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.

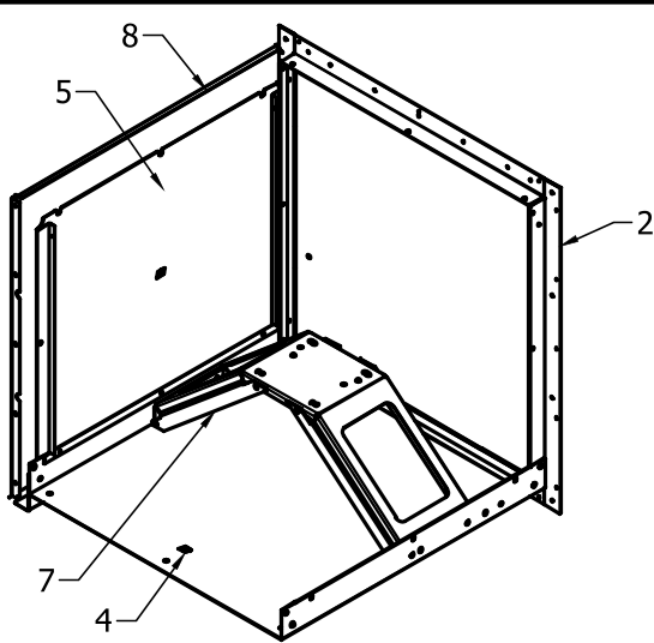
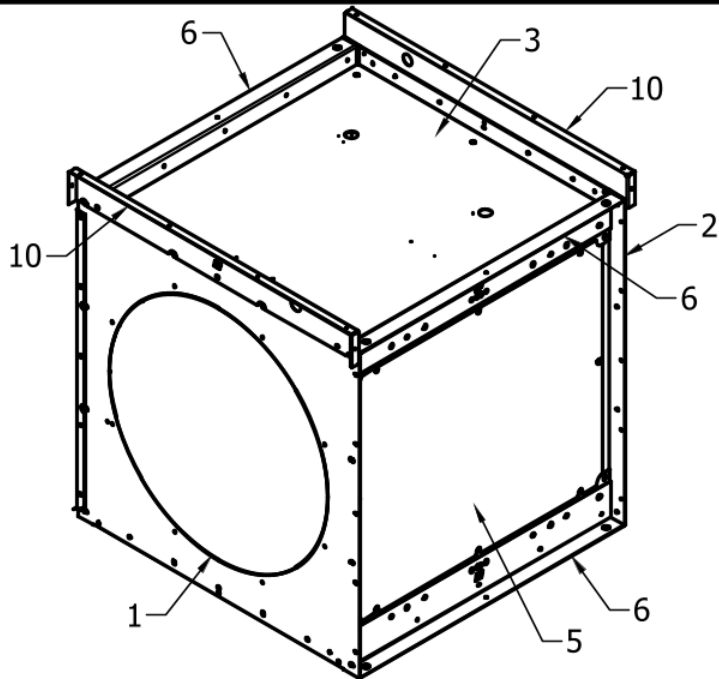
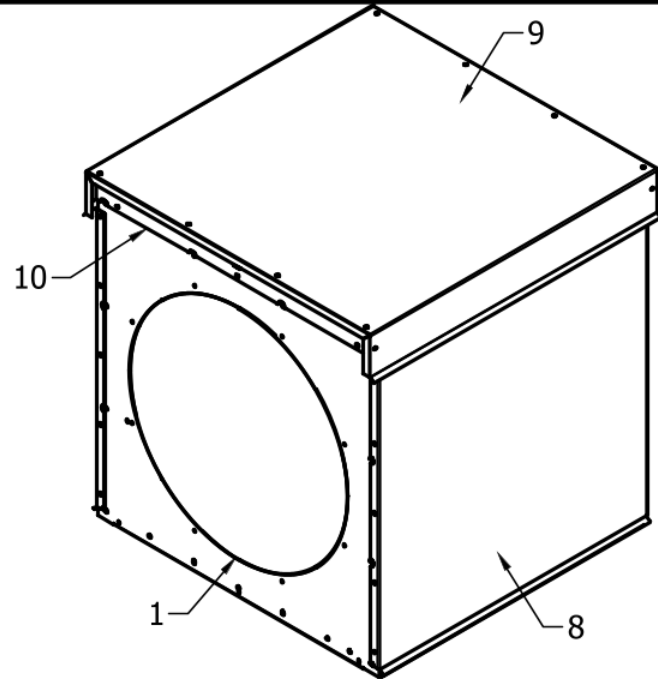
F. STATEMENTS

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.

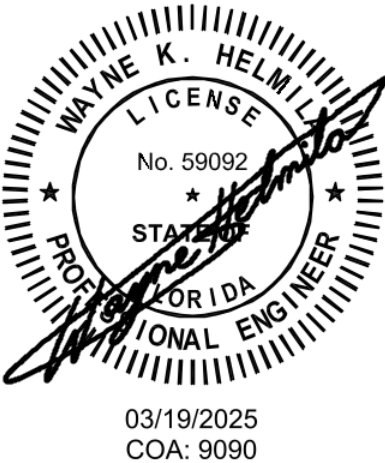


Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 25-0131.03
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REVISION	SYM
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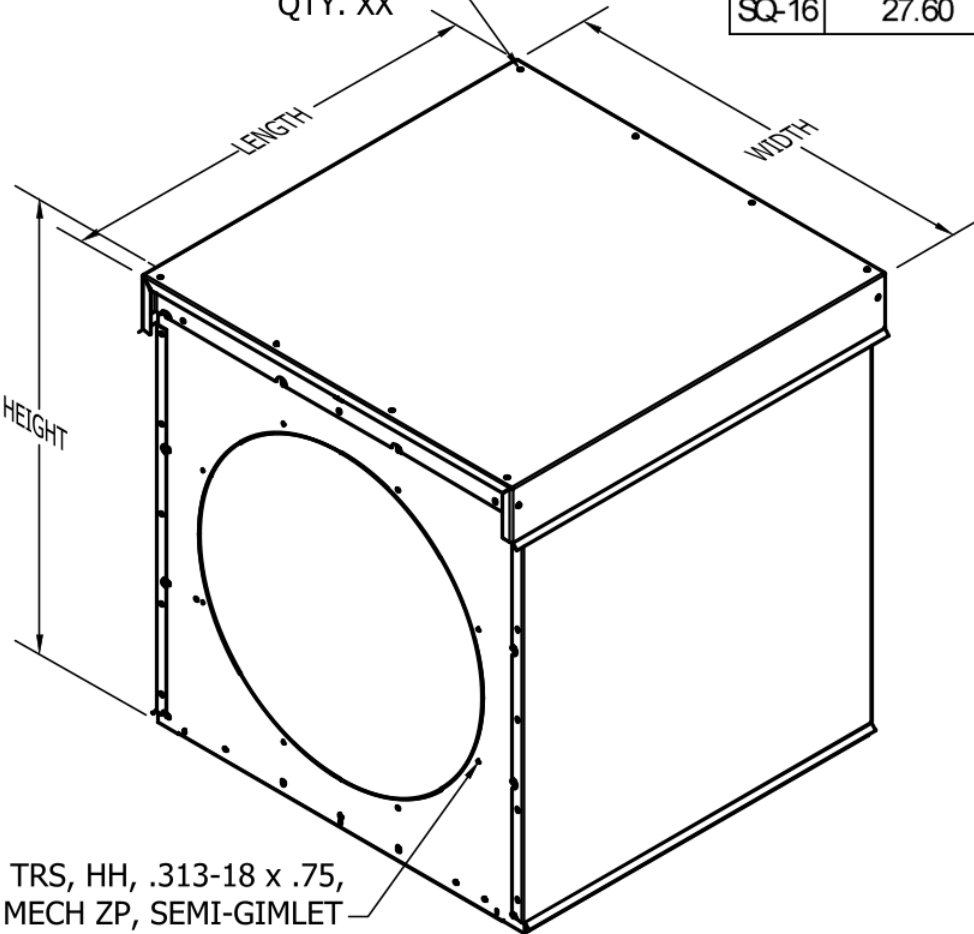


RICE
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105 School Creek Trail
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Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092



	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	WEIGHT(LBS)	SMSFSRQTY	TRSFQRQTY	DESIGN PSF
SQ-7	16.60	14.57	16.35	50	30	42	90
SQ-9	18.60	18.31	20.09	70	30	46	90
SQ-12	22.10	21.47	23.25	100	30	62	90
SQ-15	26.60	25.21	26.99	130	30	66	90
SQ-16	27.60	27.22	29.00	140	38	66	90

SMS, IHWH, #12-11 x .625,
ZP, TYP A, W/ EPDM
QTY. XX



TRS, HH, .313-18 x .75,
MECH ZP, SEMI-GIMLET
QTY. XX

COMPLETE ISOMETRIC VIEW

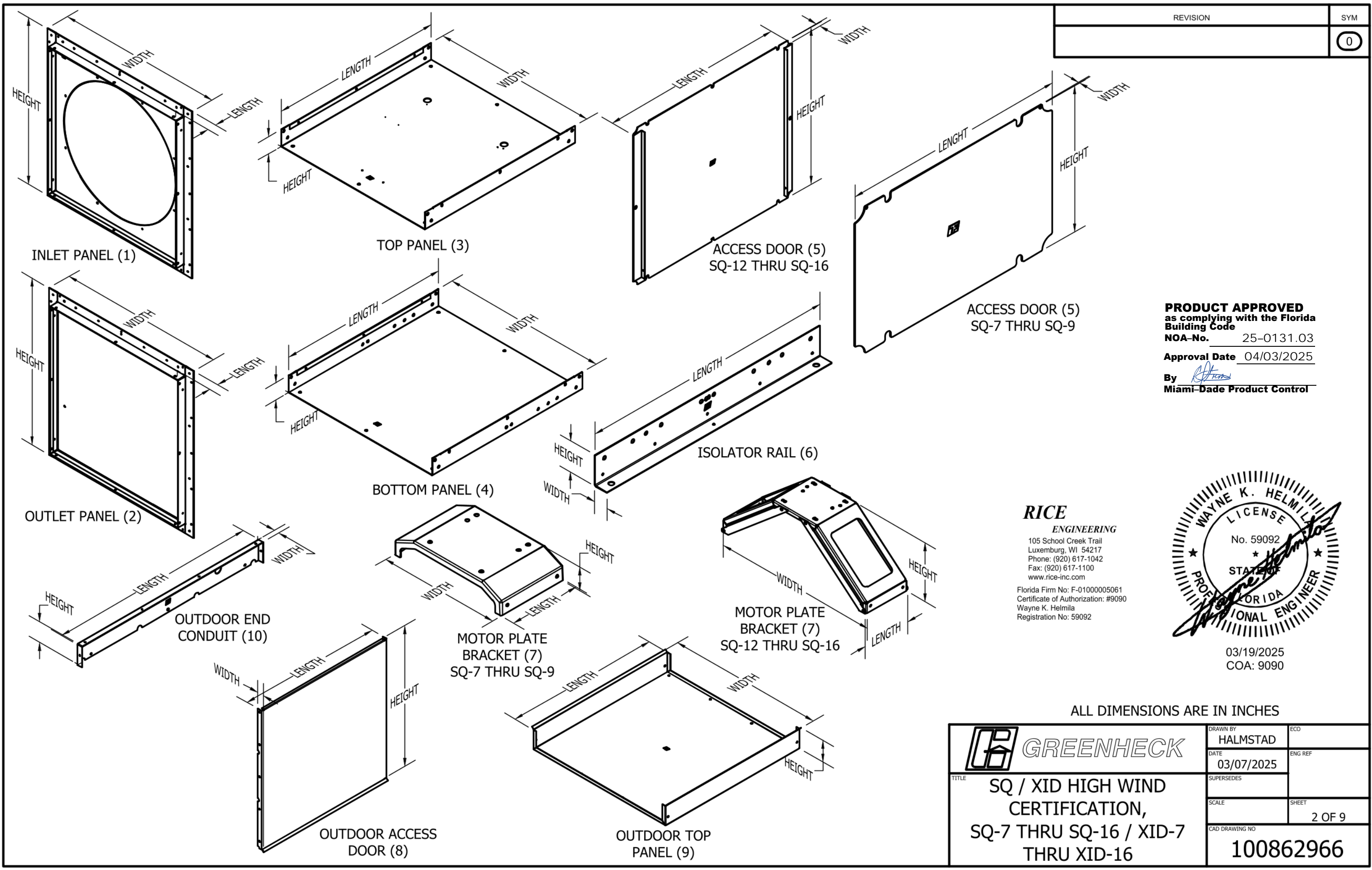
PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 25-0131.03
Approval Date 04/03/2025
By **Wayne K. Helmila**
Miami-Dade Product Control

ITEM	QTY	DESCRIPTION
1	1	INLET PANEL
2	1	OUTLET PANEL
3	1	TOP PANEL
4	1	BOTTOM PANEL
5	2	ACCESS DOOR
6	4	ISOLATOR RAIL
7	1	MOTOR PLATE BRACKET
8	2	OUTDOOR ACCESS DOOR
9	1	OUTDOOR TOP PANEL
10	2	OUTDOOR END CONDUIT


NOTES:

1. MODEL SQ 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.

 TITLE SQ / XID HIGH WIND CERTIFICATION, SQ-7 THRU SQ-16 / XID-7 THRU XID-16	DRAWN BY HALMSTAD	ECO
	DATE 03/07/2025	ENG REF
	SUPERSEDES	
	SCALE	SHEET 1 OF 9
CAD DRAWING NO 100862966		



REVISION	SYM
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03/19/2025
COA: 9090


ALL DIMENSIONS ARE IN INCHES

 GREENHECK TITLE SQ / XID HIGH WIND CERTIFICATION, SQ-7 THRU SQ-16 / XID-7 THRU XID-16	DRAWN BY HALMSTAD	ECO
	DATE 03/07/2025	ENG REF
	SUPERSEDES	
	SCALE	SHEET 2 OF 9
CAD DRAWING NO 100862966		

	INLET PANEL (1)				OUTLET PANEL (2)				TOP PANEL (3)				BOTTOM PANEL (4)			
	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL
SQ-7	1.50	14.35	14.35	18 GA	1.50	14.35	14.35	18 GA	14.21	11.57	2.25	18 GA	14.21	11.57	2.25	18 GA
SQ-9	1.50	18.09	18.09	18 GA	1.50	18.09	18.09	18 GA	16.21	15.31	2.25	18 GA	16.21	15.31	2.25	18 GA
SQ-12	1.50	21.25	21.25	18 GA	1.50	21.25	21.25	18 GA	19.71	18.47	2.25	18 GA	19.71	18.47	2.25	18 GA
SQ-15	1.50	24.99	24.99	18 GA	1.50	24.99	24.99	18 GA	24.21	22.21	2.25	18 GA	24.21	22.21	2.25	18 GA
SQ-16	1.50	27.00	27.00	18 GA	1.50	27.00	27.00	18 GA	25.21	24.22	2.25	18 GA	25.21	24.22	2.25	18 GA

	ACCESS DOOR (5)				ISOLATOR RAIL (6)				MOTOR PLATE BRACKET (7)				OUTDOOR ACCESS DOOR (8)			
	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL
SQ-7	12.75	0.05	8.20	18 GA	14.21	1.39	3.00	14 GA	6.70	11.43	2.21	14 GA	14.72	1.14	12.43	18 GA
SQ-9	14.75	0.05	11.44	18 GA	16.21	1.39	3.00	14 GA	6.70	15.16	4.08	14 GA	16.72	1.14	16.17	18 GA
SQ-12	18.25	0.55	14.60	18 GA	19.71	1.39	3.00	14 GA	7.04	18.19	5.63	14 GA	20.22	1.14	19.33	18 GA
SQ-15	22.75	0.55	18.34	18 GA	24.21	1.39	3.00	14 GA	7.04	21.93	7.49	14 GA	24.72	1.14	23.07	18 GA
SQ-16	23.75	0.55	20.35	18 GA	25.21	1.39	3.00	14 GA	7.04	23.94	8.50	14 GA	25.72	1.14	25.08	18 GA

	OUTDOOR TOP PANEL (9)				OUTDOOR END CONDUIT (10)			
	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL
SQ-7	16.60	15.25	3.89	18 GA	14.48	0.69	2.70	18 GA
SQ-9	18.60	18.99	3.89	18 GA	18.21	0.69	2.70	18 GA
SQ-12	22.10	22.15	3.89	18 GA	21.38	0.69	2.70	18 GA
SQ-15	26.60	25.89	3.89	18 GA	25.11	0.69	2.70	18 GA
SQ-16	27.60	27.90	3.89	18 GA	27.13	0.69	2.70	18 GA

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By 
Miami-Dade Product Control


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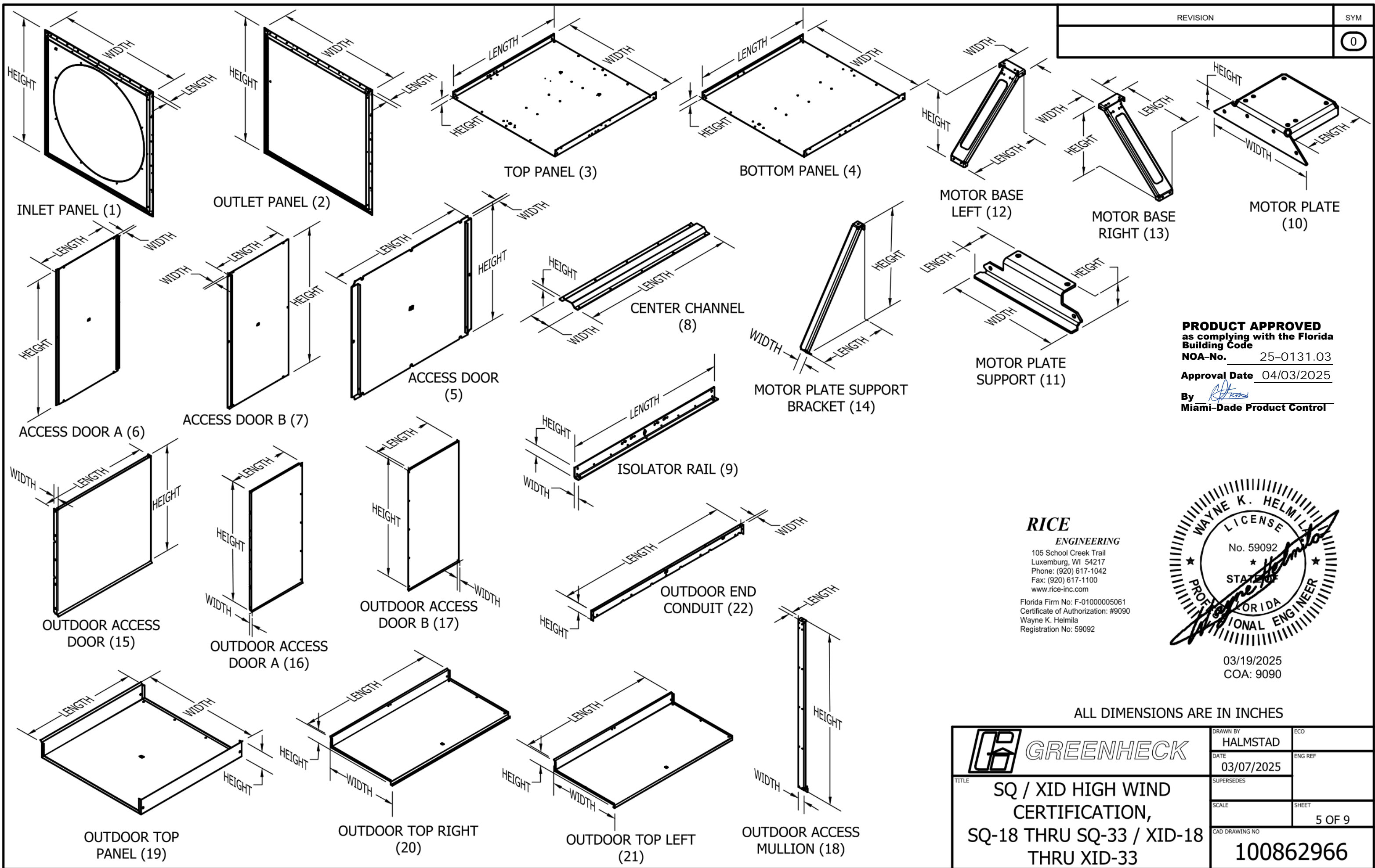
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03/19/2025
COA: 9090

ALL DIMENSIONS ARE IN INCHES

 GREENHECK	DRAWN BY	ECO
	HALMSTAD	
	DATE	ENG REF
	03/07/2025	
TITLE SQ / XID HIGH WIND CERTIFICATION, SQ-7 THRU SQ-16 / XID-7 THRU XID-16	SUPERSEDES	
	SCALE	SHEET
		3 OF 9
	CAD DRAWING NO 100862966	




REVISION	SYM
	0

	INLET PANEL (1)				OUTLET PANEL (2)				TOP PANEL (3)				BOTTOM PANEL (4)			
	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL
SQ-18	1.50	29.59	29.59	18 GA	1.50	29.59	29.59	18 GA	26.29	26.81	2.25	18 GA	26.29	26.81	2.25	18 GA
SQ-20	1.50	32.18	32.18	18 GA	1.50	32.18	32.18	18 GA	28.88	29.40	2.25	18 GA	28.88	29.40	2.25	18 GA
SQ-22	1.50	35.05	35.05	18 GA	1.50	35.05	35.05	18 GA	31.76	32.27	2.25	18 GA	31.76	32.27	2.25	18 GA
SQ-24	1.50	38.50	38.50	18 GA	1.50	38.50	38.50	18 GA	35.21	35.72	2.25	18 GA	35.21	35.72	2.25	18 GA
SQ-27	1.50	41.95	41.95	14 GA	1.50	41.95	41.95	14 GA	38.51	39.22	2.25	14 GA	38.51	39.22	2.25	14 GA
SQ-30	1.50	45.98	45.98	14 GA	1.50	45.98	45.98	14 GA	42.54	43.24	2.25	14 GA	42.54	43.24	2.25	14 GA
SQ-33	1.50	50.29	50.29	14 GA	1.50	50.29	50.29	14 GA	46.85	47.55	2.25	14 GA	46.85	47.55	2.25	14 GA

	ACCESS DOOR (5)				ACCESS DOOR A (6)				ACCESS DOOR B (7)				CENTER CHANNEL (8)			
	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL
SQ-18	24.84	0.55	22.94	18 GA	---	---	---	---	---	---	---	---	23.46	6.15	1.00	18 GA
SQ-20	22.42	0.55	25.52	18 GA	---	---	---	---	---	---	---	---	26.05	6.15	1.00	18 GA
SQ-22	---	---	---	---	15.79	0.70	28.40	18 GA	15.13	0.55	28.40	18 GA	28.93	6.15	1.00	18 GA
SQ-24	---	---	---	---	17.52	0.70	31.85	18 GA	16.86	0.55	31.85	18 GA	32.38	6.15	1.00	18 GA
SQ-27	---	---	---	---	19.24	0.79	35.34	14 GA	18.58	0.57	35.34	14 GA	35.82	6.15	1.00	14 GA
SQ-30	---	---	---	---	21.25	0.79	39.37	14 GA	20.60	0.57	39.37	14 GA	39.85	6.15	1.00	14 GA
SQ-33	---	---	---	---	23.41	0.79	43.68	14 GA	22.75	0.57	43.68	14 GA	44.16	6.15	1.00	14 GA


	ISOLATOR RAIL (9)				MOTOR PLATE (10)				MOTOR PLATE SUPPORT (11)				MOTOR BASE RIGHT (12)			
	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL	LENGTH(IN)	WIDTH(IN)	HEIGHT(IN)	GALV/GVNL
SQ-18	26.29	1.39	3.00	12 GA	6.70	10.81	1.75	12 GA	2.43	10.02	1.65	12 GA	12.21	6.94	9.79	12 GA
SQ-20	28.88	1.39	3.00	12 GA	6.70	10.75	1.75	12 GA	2.43	9.97	1.65	12 GA	13.51	6.94	11.09	12 GA
SQ-22	31.76	1.39	3.00	10 GA	6.70	12.34	2.50	10 GA	2.79	11.16	2.37	10 GA	14.94	6.94	12.53	10 GA
SQ-24	35.21	1.39	3.00	10 GA	6.70	12.27	2.50	10 GA	2.79	11.10	2.37	10 GA	16.67	6.94	14.25	10 GA
SQ-27	38.51	1.39	3.00	8 GA	6.70	12.11	2.50	8 GA	2.75	10.96	2.33	8 GA	18.39	6.94	15.98	8 GA
SQ-30	42.54	1.39	3.00	8 GA	6.70	12.06	2.50	8 GA	2.75	10.92	2.33	8 GA	20.41	6.94	17.99	8 GA
SQ-33	46.85	1.39	3.00	8 GA	6.70	12.02	2.50	8 GA	2.75	10.89	2.33	8 GA	22.56	6.94	20.14	8 GA

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 Registration No: 59092



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 GREENHECK TITLE SQ / XID HIGH WIND CERTIFICATION, SQ-18 THRU SQ-33 / XID-18 THRU XID-33	DRAWN BY HALMSTAD	ECO
	DATE 03/07/2025	ENG REF
	SUPERSEDES	
	SCALE	SHEET 6 OF 9
CAD DRAWING NO 100862966		

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	MOTOR BASE LEFT (13)				MOTOR PLATE SUPPORT BRACKET (14)				OUTDOOR ACCESS DOOR (15)				OUTDOOR ACCESS DOOR A (16)			
	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL
SQ-18	12.21	6.94	9.79	12 GA	9.30	2.10	17.85	12 GA	26.81	1.14	27.67	18 GA	---	---	---	---
SQ-20	13.51	6.94	11.09	12 GA	10.59	2.10	19.28	12 GA	29.40	1.14	30.26	18 GA	---	---	---	---
SQ-22	14.94	6.94	12.53	10 GA	11.97	2.13	20.86	10 GA	32.27	1.14	33.13	18 GA	---	---	---	---
SQ-24	16.67	6.94	14.25	10 GA	13.69	2.13	22.76	10 GA	35.72	1.14	36.58	18 GA	---	---	---	---
SQ-27	18.39	6.94	15.98	8 GA	15.33	2.17	24.66	8 GA	---	---	---	---	19.59	1.14	40.03	18 GA
SQ-30	20.41	6.94	17.99	8 GA	17.34	2.17	26.87	8 GA	---	---	---	---	21.60	1.14	44.06	18 GA
SQ-33	22.56	6.94	20.14	8 GA	19.50	2.17	29.26	8 GA	---	---	---	---	23.67	1.14	48.37	18 GA

	OUTDOOR ACCESS DOOR B (17)				OUTDOOR ACCESS MULLON (18)				OUTDOOR TOP PANEL (19)				OUTDOOR TOP RIGHT (20)			
	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL
SQ-18	---	---	---	---	---	---	---	---	28.69	30.49	3.89	18 GA	---	---	---	---
SQ-20	---	---	---	---	---	---	---	---	31.27	33.08	3.89	18 GA	---	---	---	---
SQ-22	---	---	---	---	---	---	---	---	34.15	35.95	3.89	18 GA	---	---	---	---
SQ-24	---	---	---	---	---	---	---	---	37.60	39.40	3.89	18 GA	---	---	---	---
SQ-27	19.59	1.14	40.03	18 GA	1.00	2.00	41.49	18 GA	---	---	---	---	41.05	22.16	4.89	18 GA
SQ-30	21.60	1.14	44.06	18 GA	1.00	2.00	45.52	18 GA	---	---	---	---	45.07	24.17	4.89	18 GA
SQ-33	23.67	1.14	48.37	18 GA	1.00	2.00	49.83	18 GA	---	---	---	---	49.39	26.33	4.89	18 GA

	OUTDOOR TOP LEFT (21)				OUTDOOR END CONDUIT (22)			
	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL	LENGTH (IN)	WIDTH (IN)	HEIGHT (IN)	GALV/GVNL
SQ-18	---	---	---	---	29.71	0.69	2.70	18 GA
SQ-20	---	---	---	---	32.30	0.69	2.70	18 GA
SQ-22	---	---	---	---	35.18	0.69	2.70	18 GA
SQ-24	---	---	---	---	38.63	0.69	2.70	18 GA
SQ-27	41.05	21.43	4.84	18 GA	42.08	0.69	2.70	18 GA
SQ-30	45.07	23.44	4.84	18 GA	46.10	0.69	2.70	18 GA
SQ-33	49.39	25.59	4.84	18 GA	50.41	0.69	2.70	18 GA


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03/19/2025
COA: 9090

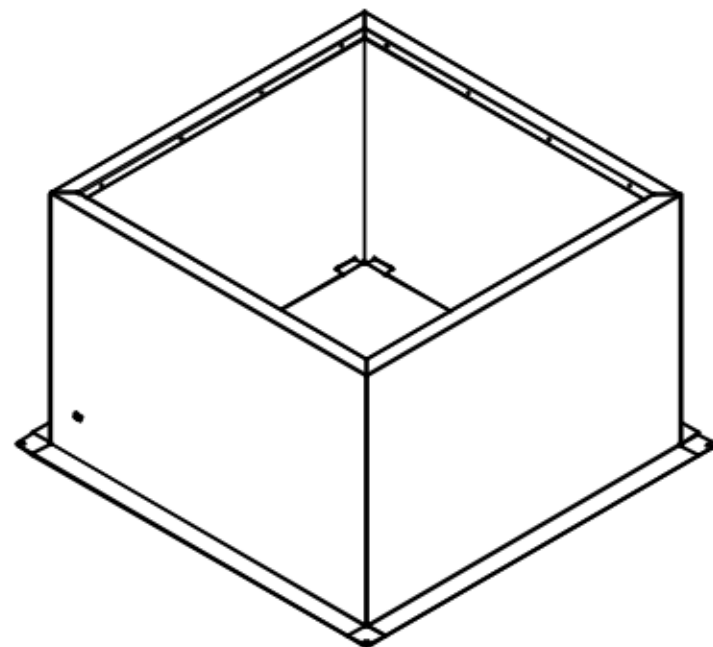
ALL DIMENSIONS ARE IN INCHES

 GREENHECK	DRAWN BY	ECO
	HALMSTAD	
	DATE	ENG REF
	03/07/2025	
	SUPERSEDES	
TITLE SQ / XID HIGH WIND CERTIFICATION, SQ-18 THRU SQ-33 / XID-18 THRU XID-33	SCALE	SHEET
		7 OF 9
	CAD DRAWING NO	
	100862966	

90 PSF RATING	SQ / XID ON CURB	CONCRETE DECK ANCHORING		STEEL ANCHORING		TIMBER ANCHORING		THRU-BOLT ANCHORING	
		MINIMUM ANCHORS PER SIDE	MINIMUM TOTAL ANCHORS	MINIMUM ANCHORS PER SIDE	MINIMUM TOTAL ANCHORS	MINIMUM ANCHORS PER SIDE	MINIMUM TOTAL ANCHORS	MINIMUM ANCHORS PER SIDE	MINIMUM TOTAL ANCHORS
	SQ-7	3	8	3	8	3	8	3	8
	SQ-9	3	8	4	12	3	8	3	8
	SQ-12	3	8	4	12	3	8	3	8
	SQ-15	4	12	4	12	4	12	4	12
	SQ-16	4	12	5	16	4	12	4	12
	SQ-18	4	12	5	16	4	12	4	12
	SQ-20	4	12	5	16	4	12	4	12
	SQ-22	4	12	5	16	5	16	4	12
	SQ-24	5	16	6	20	5	16	5	16

80 PSF RATING	SQ / XID ON CURB	CONCRETE DECK ANCHORING		STEEL ANCHORING		TIMBER ANCHORING		THRU-BOLT ANCHORING	
		MINIMUM ANCHORS PER SIDE	MINIMUM TOTAL ANCHORS	MINIMUM ANCHORS PER SIDE	MINIMUM TOTAL ANCHORS	MINIMUM ANCHORS PER SIDE	MINIMUM TOTAL ANCHORS	MINIMUM ANCHORS PER SIDE	MINIMUM TOTAL ANCHORS
	SQ-27	4	12	5	16	5	16	5	16
	SQ-30	5	16	6	20	5	16	5	16
	SQ-33	5	16	6	20	5	16	5	16

NOTE: ALL FASTENER QUANTITIES INCLUDE CORNER FASTENERS



USE 18GA. STEEL CURB MAX 24"
TALL. (FY=25KSI)

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



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" x 2" x 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" x 2" x 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" x 2" x 1/4" THICK GALV. STEEL (A36) PLATE WASHERS


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

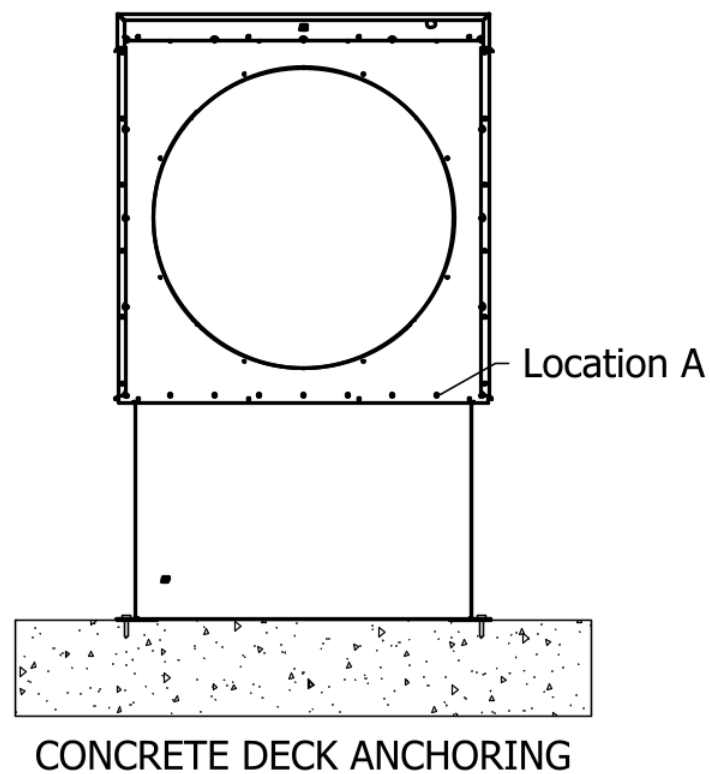
PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 25-0131.03

Approval Date 04/03/2025

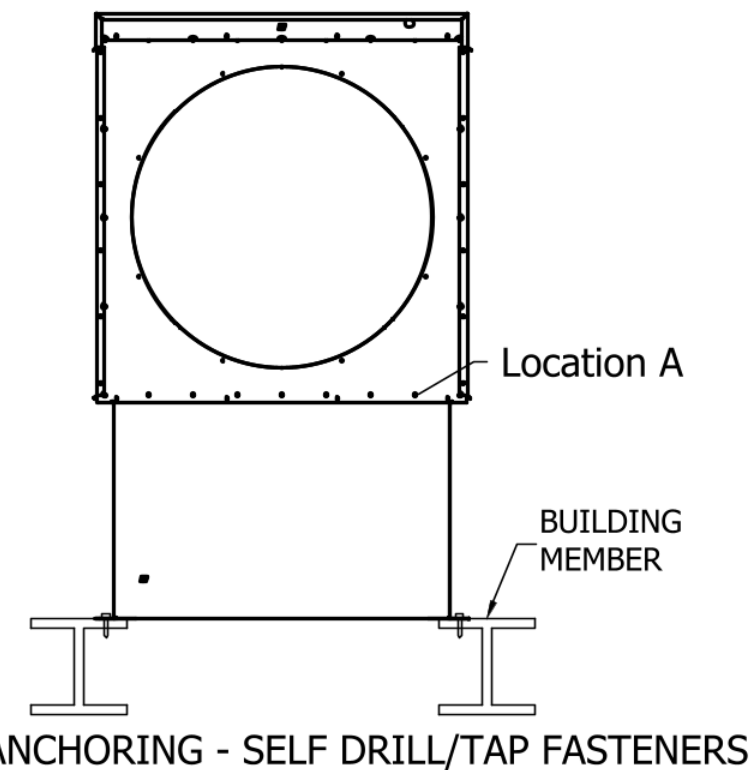
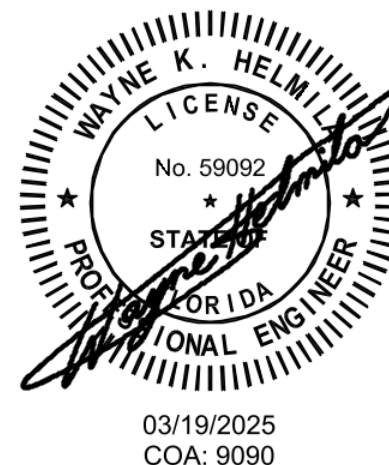
By 
Miami-Dade Product Control

 GREENHECK TITLE SQ / XID, CURB FSR QTY, HIGH WIND	DRAWN BY HALMSTAD	ECO
	DATE 03/07/2025	ENG REF
	SUPERSEDES	
	SCALE	SHEET 8 OF 9
CAD DRAWING NO 100862966		

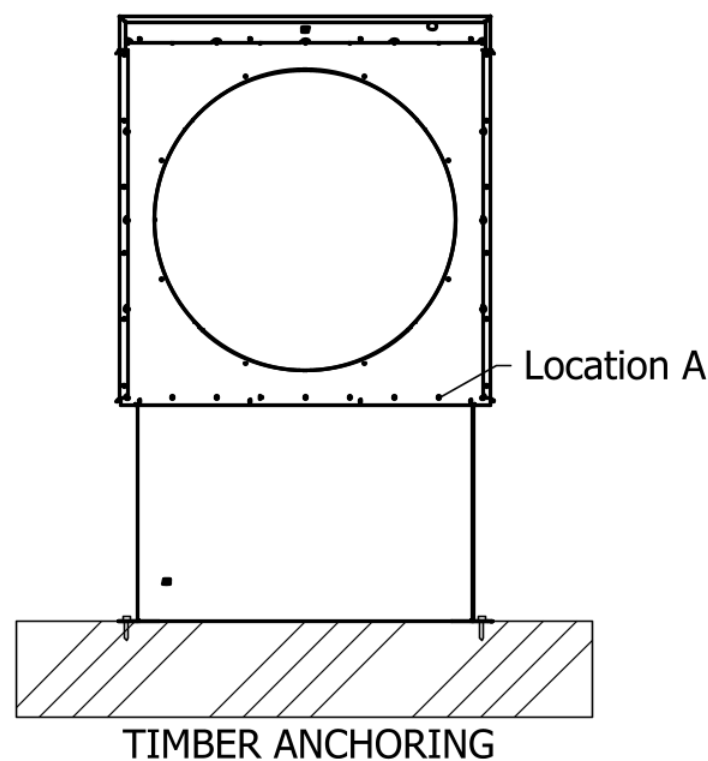


FAN TO CURB - LOCATION A

FAN	MIN FASTENERS PER END	MIN FASTENERS PER SIDE	MIN TOTAL FASTENERS
SQ-7	5	4	18
SQ-9	5	4	18
SQ-12	5	4	18
SQ-15	5	5	20
SQ-16	7	5	24
SQ-18	7	6	26
SQ-20	7	6	26
SQ-22	7	7	28
SQ-24	9	7	32
SQ-27	9	8	34
SQ-30	9	8	34
SQ-33	11	9	40



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 STEEL CURB (FY = 25KSI)



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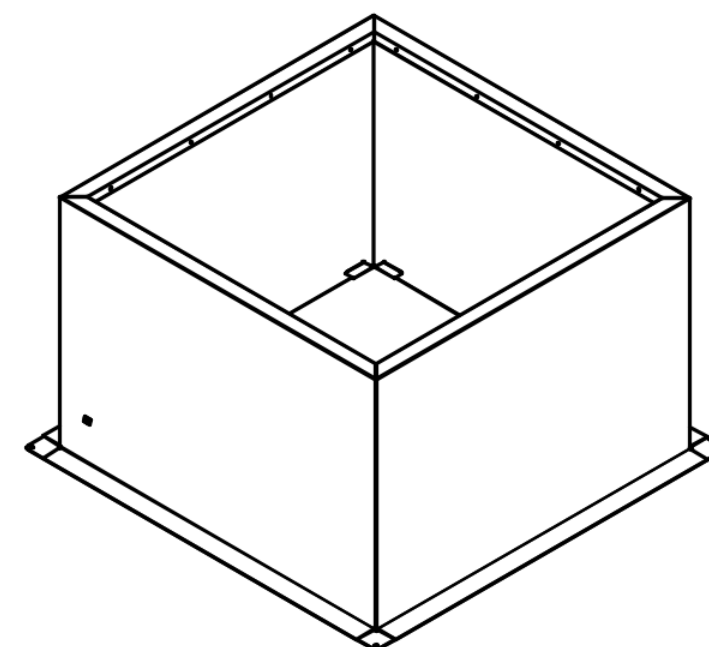
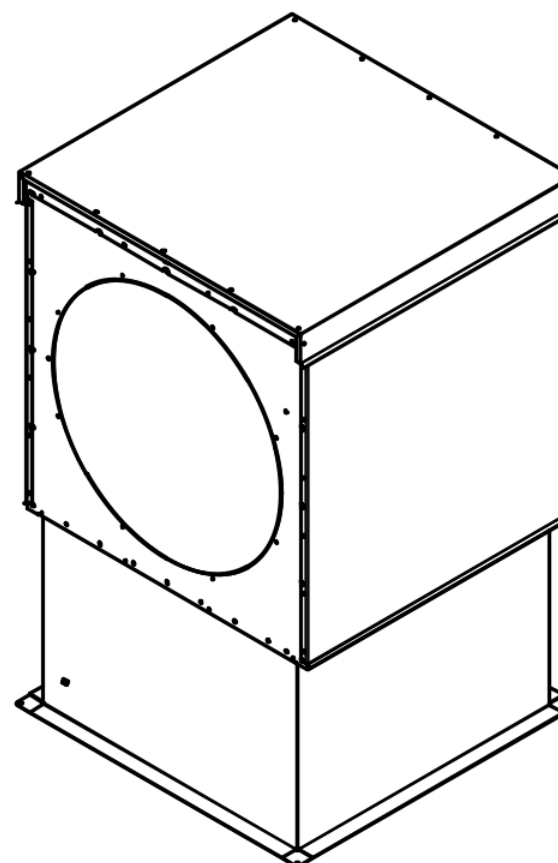
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 GREENHECK	DRAWN BY	ECO
	DATE	ENG REF
	03/07/2025	
	SUPERSEDES	
SQ / XID, CURB INSTALL, HIGH WIND	SCALE	SHEET
		9 OF 9
CAD DRAWING NO		100862966