



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
1110 Greenheck Drive (PO 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: Series USF / FJ Steel Rooftop Exhaust Fans w/ or w/o Stack

APPROVAL DOCUMENT: Drawing No. **USF/FJ-1001**, titled "USF/FJ 4-24 Fan", sheets 1 through 10 of 10, dated 05/2023, prepared by Greenheck Fan Corporation, signed and sealed by Wayne K. Helmila, P.E. on 08/30/2023, 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 Shelby, NC, model/series, 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 approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



NOA No. 23-0707.02
Expiration Date: October 5, 2028
Approval Date: October 5, 2023
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **USF/FJ-1001**, titled “USF/FJ 4-24 Fan”, sheets 1 through 10 of 10, dated 05/2023, prepared by Greenheck Fan Corporation, signed and sealed by Wayne K. Helmila, P.E. on 08/30/2023.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Lateral loading per ASTM E72-15
along with marked-up drawings and installation diagram of Models USF/FJ-4 and USF/FJ-24 fans with discharge stack on direct mount, equipment supports, spring isolators, curb cab inlet box, prepared by Quast Consulting & Testing, Test Report No. **QCT21-6471.01**, dated 05/31/2023, signed and sealed by Brian M. Sasman, P.E.

C. CALCULATIONS

1. Anchor verification calculations, prepared by Rice Engineering, dated 05/02/2023, 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 7th edition (2020) of the FBC, issued by Rice Engineering, dated 05/23/2023, signed and sealed by Wayne K. Helmila, P.E.
2. Statement letter of no financial interest, issued by Rice Engineering, dated 05/23/2023, signed and sealed by Wayne K. Helmila, P.E.



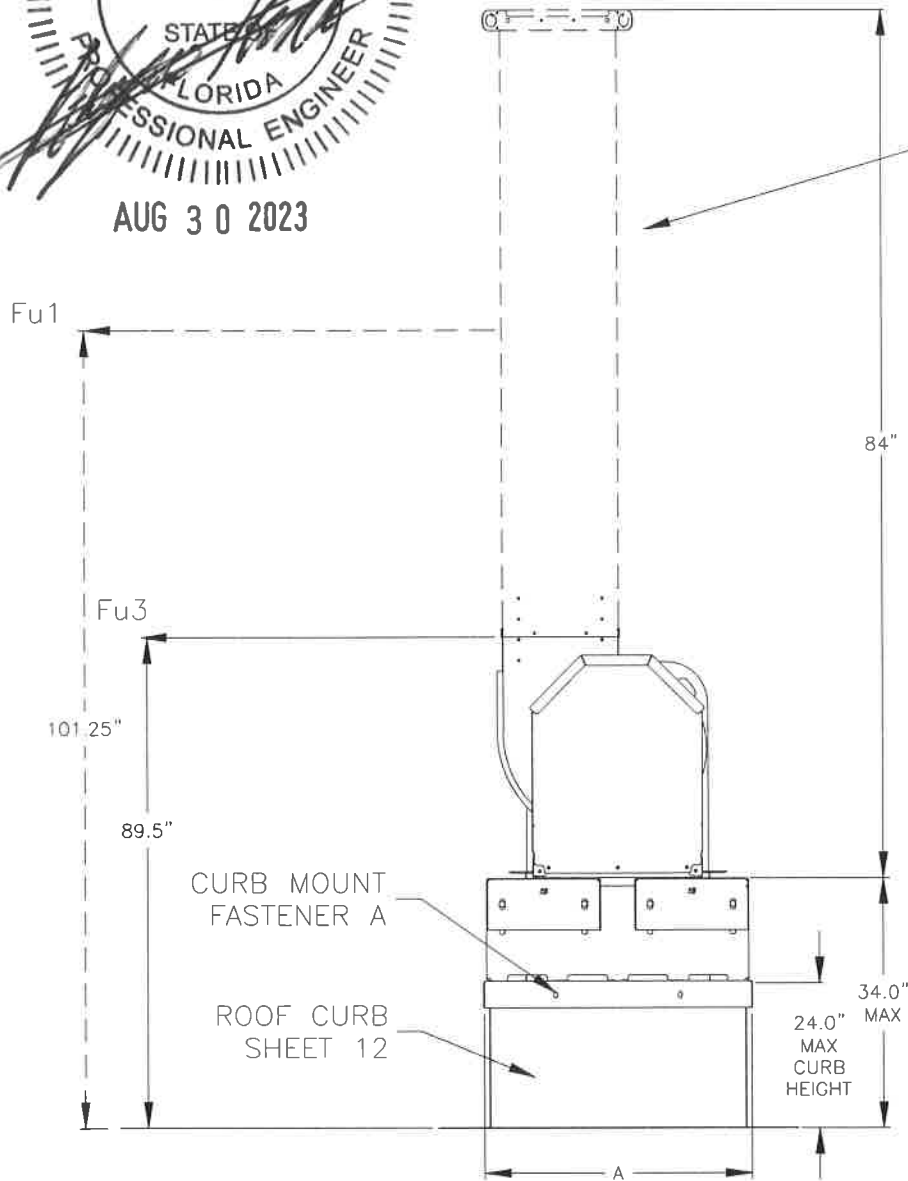
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 23-0707.02
Expiration Date: October 5, 2028
Approval Date: October 5, 2023

DESIGN LIMITS:

Max Design Load: ±100 psf (4.8 Kpa)
Max Design Load with Stack: ±40 psf (1.9 Kpa)
Max Overall Enclosure W x L: 90.4 X 118.0 (2296 X 2997 mm)
Max Overall Height: 118.0 in (2997 mm)

FASTENER A			FASTENER B			FASTENER C			FASTENER D		
UNIT	DESCRIPTION	QTY.	DESCRIPTION	QTY.		DESCRIPTION	QTY.		DESCRIPTION	QTY.	
*USF/FJ-04,06,08,10	THREAD CUTTING SCREW, INDENTED HEXAGONAL WASHER HEAD, .313-18X1.25, TYPE-23, MECH	12	BOLT, HEXAGONAL SERRATED FLANGE, .5-13X1, GRADE 5, ZINC PLATED	4		BOLT, HEXAGONAL SERRATED FLANGE, .313-18X1, GRADE 5, ZINC PLATED	4		BOLT, HEXAGONAL SERRATED FLANGE, .313-18X1, GRADE 5, ZINC PLATED	4	
USF/FJ-13		14									
USF/FJ-15		16									
USF/FJ-16											
USF/FJ-18		18									
USF/FJ-20											
USF/FJ-22		20									
USF/FJ-24		22									

*SIZES USF/FJ-04,06,08 WILL UTILIZE EITHER USF/FJ-10 OR USF/FJ-12 VALUES & DIMENSIONS (DEPENDING ON PERFORMANCE)



Fu1: PERPENDICULAR ALLOWABLE LATERAL FORCE FOR USF/FJ-24 WITH STACK AT 40 PSF
Fu2: PARALLEL ALLOWABLE LATERAL FORCE FOR USF/FJ-24 WITH STACK AT 40 PSF
Fu3: PERPENDICULAR ALLOWABLE LATERAL FORCE FOR USF/FJ-24 WITHOUT STACK AT 100 PSF
Fu4: PARALLEL ALLOWABLE LATERAL FORCE FOR USF/FJ-24 WITHOUT STACK AT 100 PSF

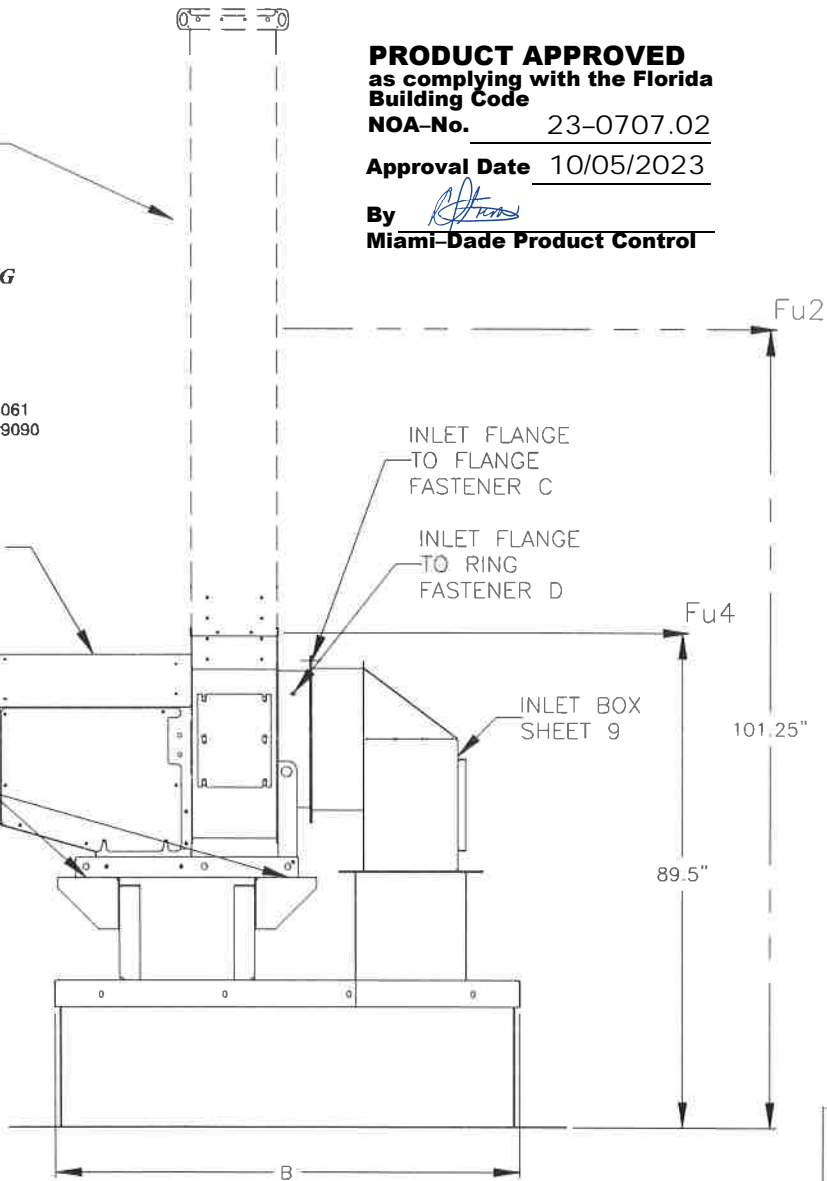
OPTIONAL STACK
40 PSF MAX

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

FAN ASSEMBLY
SHEET 3

FAN MOUNT
FASTENER B



PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0707.02
Approval Date 10/05/2023
By *[Signature]*
Miami-Dade Product Control

ALL DIMENSIONS ARE IN INCHES

UNIT	A	B	WEIGHT (LBS.)
*USF/FJ-04,06,08,10	25.8	45.0	248
*USF/FJ-04,06,08,12	26.9	48.8	282
USF/FJ-13	28.3	50.9	308
USF/FJ-15	30.6	55.6	349
USF/FJ-16	32.9	61.8	438
USF/FJ-18	35.6	66.2	490
USF/FJ-20	38.3	70.6	556
USF/FJ-22	41.7	75.1	622
USF/FJ-24	45.1	78.8	828

- NOTES:
1. MODEL USF / FJ 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 LABORATORY EXHAUST FAN. FASTENERS SHALL BE SPECIFIED AND INSTALLED AS DETAILED.
 3. DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
 4. DESIGN PRESSURE PER DESIGN LIMITS. ALSO, LARGE MISSILE IMPACT RESISTANT.
 5. TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
 6. THESE FANS HAVE NOT BEEN TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS-100 (A)-95.
 7. THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY AND IMPACT RATING OF THE EXTERIOR HOUSNG ONLY, IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL PART.



USF/FJ 04-24
CCIB ASSEMBLY
SHEET 1 OF 14

DRAWN BY MATTSON, J	ECO
DATE 05/2023	ENG. REF.
SUPERSEDES	NOA TESTING
SCALE 1/10	
CAD DRAWING NO.	B
USF/FJ-1001	

DESIGN LIMITS:
Max Design Load: ±100 psf (4.8 Kpa)
Max Design Load with Stack: ±40 psf (1.9 Kpa)
Max Overall Enclosure W x L: 59.1" X 118.0" (1501 X 2997 mm)
Max Overall Height: 118.0 in (2997 mm)

	FASTENER A		FASTENER B		
UNIT	DESCRIPTION	QTY.	DESCRIPTION	QTY.	
*USF/FJ-04,06,08,10	THREAD CUTTING SCREW, INDENTED HEXAGONAL WASHER HEAD, .313-18X1.25, TYPE-23, MECH	10	BOLT, HEXAGONAL SERRATED FLANGE, .5-13X1, GRADE 5, ZINC PLATED	4	
*USF/FJ-04,06,08,12					
USF/FJ-13					
USF/FJ-15		12	NUT, HEXAGONAL SERRATED FLANGE, .5-13, GRADE 5, ZINC PLATED		
USF/FJ-16					
USF/FJ-18					
USF/FJ-20		14			
USF/FJ-22					
USF/FJ-24					


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Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092


*SIZES USF/FJ-04,06,08 WILL UTILIZE EITHER USF/FJ-10 OR USF/FJ-12 VALUES & DIMENSIONS (DEPENDING ON PERFORMANCE)

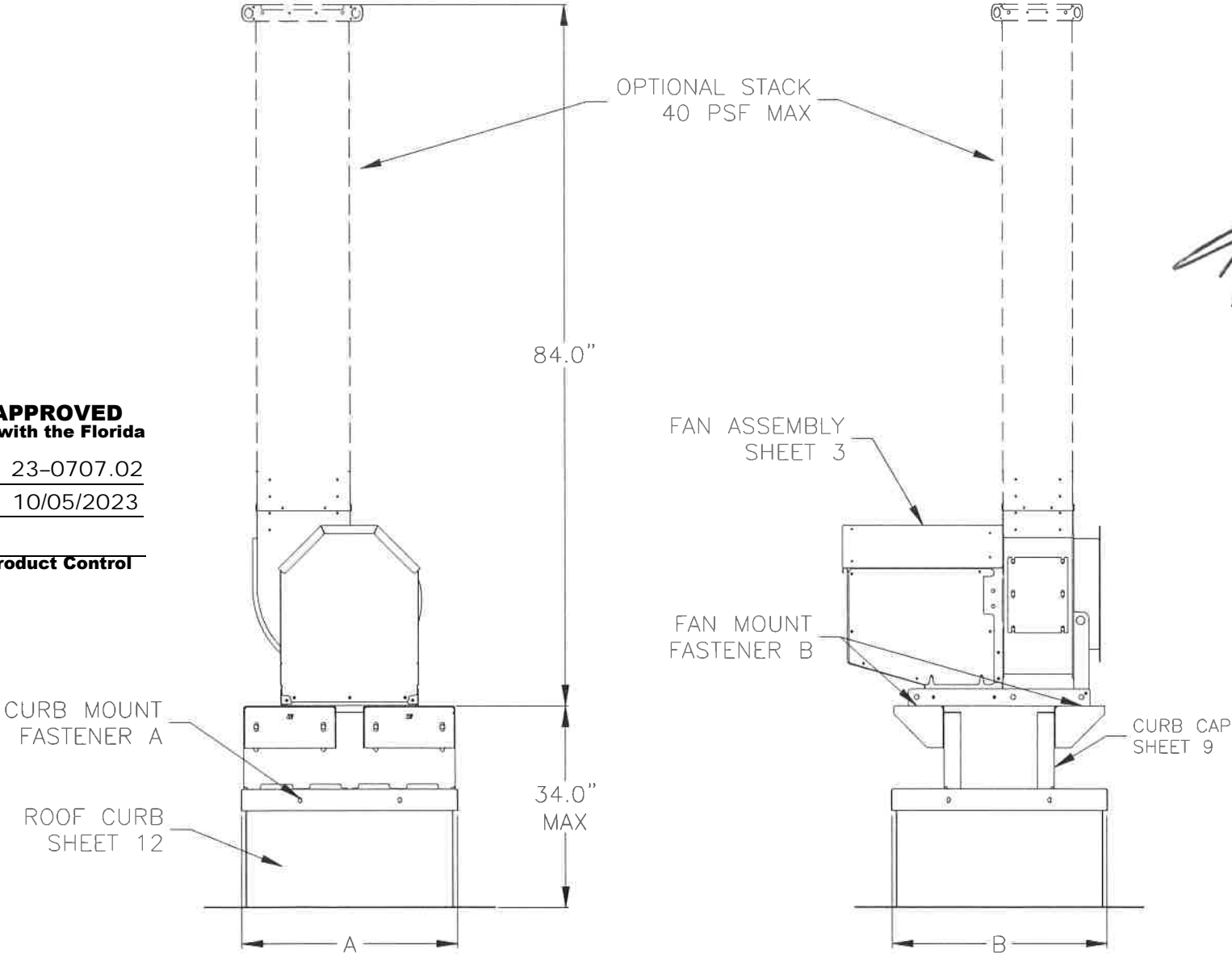
ALL DIMENSIONS ARE IN INCHES

UNIT	A	B	WEIGHT (LBS.)
*USF/FJ-04,06,08,10	25.8	25.6	200
*USF/FJ-04,06,08,12	26.9	28.0	224
USF/FJ-13	27.6	29.0	241
USF/FJ-15	28.5	32.4	270
USF/FJ-16	29.4	37.3	347
USF/FJ-18	30.5	40.2	383
USF/FJ-20	31.5	43.1	432
USF/FJ-22	32.9	45.7	475
USF/FJ-24	34.2	47.5	657

- NOTES:
- MODELS USF / FJ HAS BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH MIAMI DADE TEST PROTOCOL TAS-201 (LARGE MISSILE IMPACT), AND TAS-202 (STATIC LOADING).
 - ROOF STRUCTURE MUST BE DESIGNED TO WITHSTAND THE WEIGHT AND LOADING TRANSMITTED BY EXHAUST FAN. FASTENERS SHALL BE SPECIFIED AND INSTALLED AS DETAILED.
 - DESIGN, TESTING, AND INSTALLATION CONFORMS TO FLORIDA BUILDING CODE.
 - DESIGN PRESSURE PER DESIGN LIMITS. ALSO, LARGE MISSILE IMPACT RESISTANT.
 - TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
 - THESE FANS HAVE NOT BEEN TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS-100 (A)-95.
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 P.O.BOX 410 SCHOFIELD, WISCONSIN 54476-0410	DRAWN BY MATTSON J	ECO
	DATE 05/2023	ENG. REF.
	SUPERSEDES	NOA TESTING
	SCALE 1/10	CAD DRAWING NO. B
TITLE USF/FJ 04-24 CC ASSEMBLY SHEET 2 OF 14		
USF/FJ-1001		

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0707.02
Approval Date 10/05/2023
By 
Miami-Dade Product Control



DESIGN LIMITS:

Max Design Load: ± 100 psf (4.8 Kpa)
Max Design Load with Stack: ± 40 psf (1.9 Kpa)
Max Overall Enclosure W x L: 58.00 X 84.00 (1473 X 2134 mm)
Max Overall Height: 84.00 in (2134 mm)

RICE

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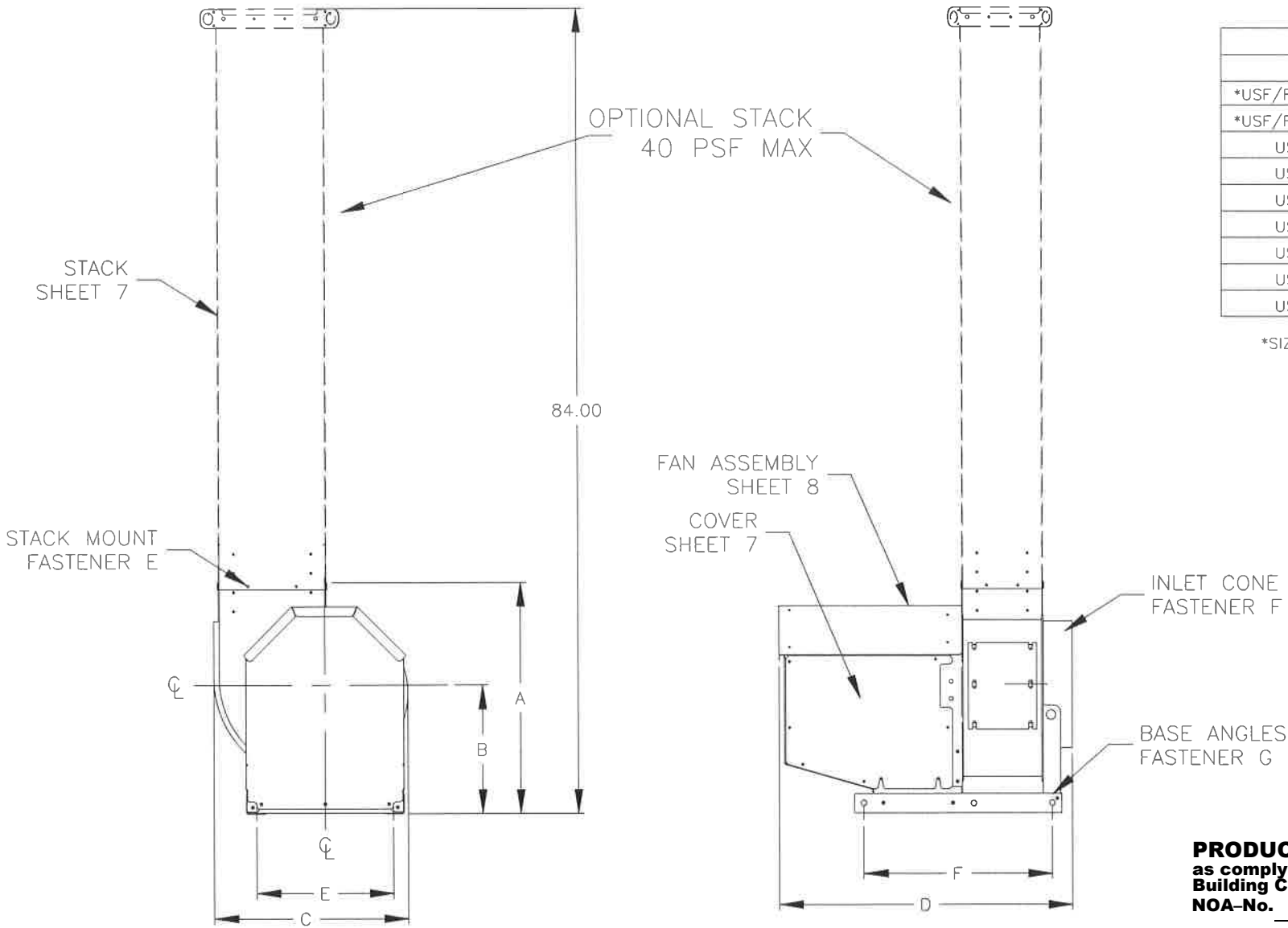
AUG 30 2023

ALL DIMENSIONS ARE IN INCHES

ALL DIMENSIONS ARE IN INCHES					MOUNT HOLES		WEIGHT (LBS.)
UNIT	A	B	C	D	E	F	
*USF/FJ-04,06,08,10	24.05	13.37	20.09	30.49	14.30	19.63	148
*USF/FJ-04,06,08,12	27.39	15.59	23.27	32.37	15.35	22.00	170
USF/FJ-13	29.78	17.19	25.55	33.35	16.10	22.99	186
USF/FJ-15	32.64	19.10	28.27	35.53	17.00	26.42	211
USF/FJ-16	35.51	21.00	31.00	41.71	17.90	31.34	283
USF/FJ-18	38.85	23.23	34.18	47.08	18.95	34.22	316
USF/FJ-20	42.19	25.46	37.37	51.46	20.00	37.10	361
USF/FJ-22	46.49	28.32	41.46	56.23	21.35	39.74	400
USF/FJ-24	50.78	31.19	45.55	58.00	22.70	41.51	578

	FASTENER E		FASTENER F		FASTENER G	
UNIT	DESCRIPTION	QTY.	DESCRIPTION	QTY.	DESCRIPTION	QTY.
*USF/FJ-04,06,08,10	SHEET METAL SCREW,INDENTED HEXAGONAL WASHER HEAD,#12-11X.625 ZINC PLATED,TYPE-A,WITH ETHYLENE PROPYLENE DIENE MONOMER	24	BOLT,HEXAGONAL SERRATED FLANGE,.313-18X1,GRADE 5,ZINC PLATED	4	THREAD ROLLING SCREW,SLOTTED INDENTED HEXAGONAL WASHER HEAD,.25-20X.5 ZINC PLATED/WAX	6
*USF/FJ-04,06,08,12		26				
USF/FJ-13			32	NUT,INSERT,HEXAGONAL HEAD,.31-18,ZINC PLATED	8	
USF/FJ-15						
USF/FJ-16						
USF/FJ-18						
USF/FJ-20						
USF/FJ-22						
USF/FJ-24						

*SIZES USF/FJ-04,06,08 WILL UTILIZE EITHER USF/FJ-10 OR USF/FJ-12 VALUES & DIMENSIONS (DEPENDING ON PERFORMANCE)




NOTES:

- MODEL USF / FJ HAS BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH MIAMI DADE TEST PROTOCOL TAS-201 (LARGE MISSILE IMPACT), AND TAS-202 (STATIC LOADING).
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- DESIGN PRESSURE PER DESIGN LIMITS. ALSO, LARGE MISSILE IMPACT RESISTANT.
- TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
- THESE FANS HAVE NOT BEEN TESTED FOR WIND DRIVEN RAIN TEST PER FLORIDA BUILDING CODE, TAS-100 (A)-95.
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PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0707.02

Approval Date 10/05/2023

By 
Miami-Dade Product Control

 P.O. BOX 410 SCHOFIELD, WISCONSIN 54476-0410	DRAWN BY MATTSON J.	ECI
	DATE 05/2023	ENG. REF.
	SUPERSEDES	NOA TESTING
	SCALE 1/10	CAD DRAWING NO. B

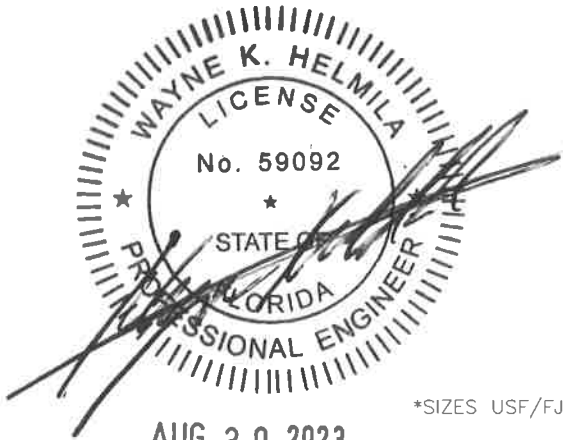
USF/FJ 04-24
FAN
SHEET 3 OF 14

USF/FJ-1001

DESIGN LIMITS:
Max Design Load: ±100psf (4.8 Kpa)
Max Design Load with Stack: ±40 psf (1.9 Kpa)
Max Overall Enclosure W x L: 45.55 X 58.00 (1157 X 1473 mm)
Max Overall Height: 50.78 in (1290 mm)

RICE
ENGINEERING

105 School Creek Trail
Luxemburg, WI 54217
Phone: (920) 617-1042
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Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmilla
Registration No: 59092



ALL DIMENSIONS ARE IN INCHES					MOUNT HOLES		WEIGHT (LBS.)
UNIT	A	B	C	D	E	F	
*USF/FJ-04,06,08,10	24.05	13.37	20.09	30.49	14.30	19.63	109
*USF/FJ-04,06,08,12	27.39	15.59	23.27	32.37	15.35	22.00	127
USF/FJ-13	29.78	17.19	25.55	33.35	16.10	22.99	141
USF/FJ-15	32.64	19.10	28.27	35.53	17.00	26.42	164
USF/FJ-16	35.51	21.00	31.00	41.71	17.90	31.34	234
USF/FJ-18	38.85	23.23	34.18	47.08	18.95	34.22	265
USF/FJ-20	42.19	25.46	37.37	51.46	20.00	37.10	310
USF/FJ-22	46.49	28.32	41.46	56.23	21.35	39.74	348
USF/FJ-24	50.78	31.19	45.55	58.00	22.70	41.51	528

*SIZES USF/FJ-04,06,08 WILL UTILIZE EITHER USF/FJ-10 OR USF/FJ-12VALUES & DIMENSIONS (DEPENDING ON PERFORMANCE)

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Approval Date 10/05/2023

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Miami-Dade Product Control

FAN ASSEMBLY
SHEET 8

COVER
SHEET 7

INLET CONE
FASTENER F

BASE ANGLES
FASTENER G

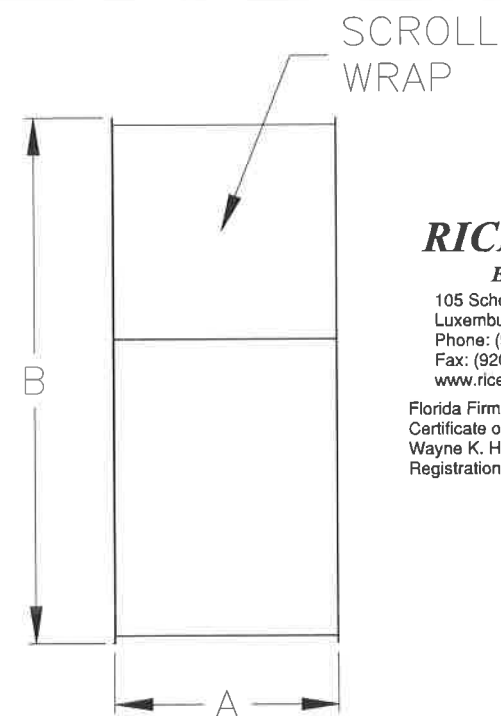
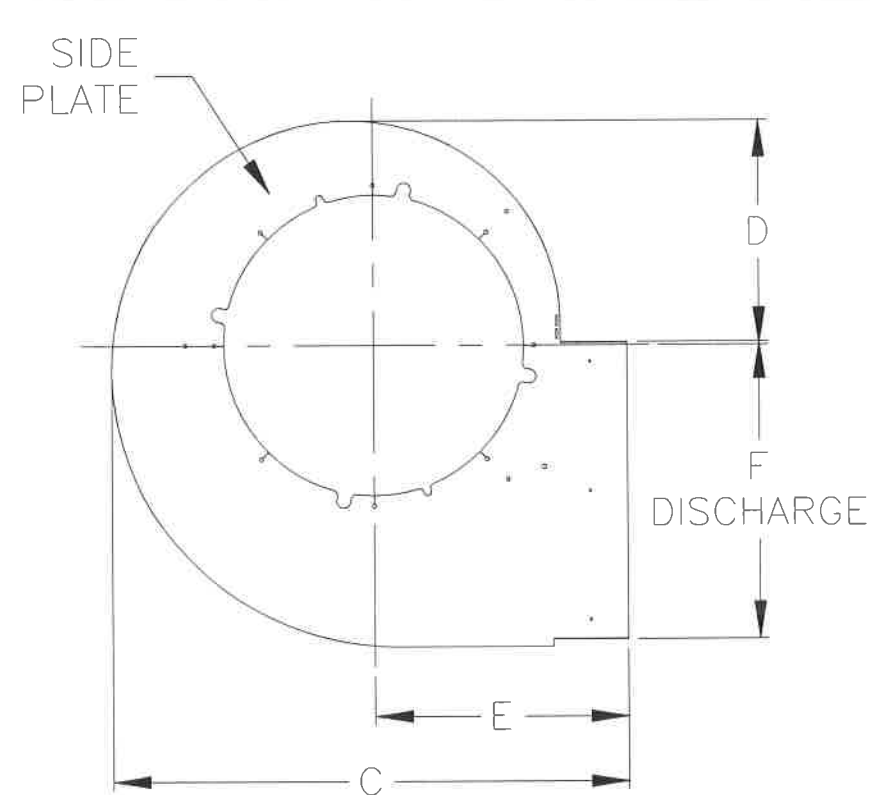
	FASTENER F		FASTENER G	
UNIT	DESCRIPTION	QTY.	DESCRIPTION	QTY.
*USF/FJ-04,06,08,10	BOLT,HEXAGONAL SERRATED FLANGE,.313-18X1,GRADE 5,ZINC PLATED	4	THREAD ROLLING SCREW,SLOTTED INDENTED HEXAGONAL WASHER HEAD,.25-20X.5 ZINC PLATED/WAX	6
*USF/FJ-04,06,08,12				
USF/FJ-13				
USF/FJ-15				
USF/FJ-16	WASHER,FLAT,.31X.083X.375X.875, ZINC PLATED	8		
USF/FJ-18				
USF/FJ-20				
USF/FJ-22				
USF/FJ-24	NUT,INSERT,HEXAGONAL HEAD .31-18,ZINC PLATED		8	

- NOTES:
- MODEL USF / FJ HAS BEEN SUCCESSFULLY TESTED IN ACCORDANCE WITH MIAMI DADE TEST PROTOCOL TAS-201 (LARGE MISSILE IMPACT), AND TAS-202 (STATIC LOADING).
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 - TESTED FOR AREAS INCLUDING HIGH VELOCITY HURRICANE ZONES.
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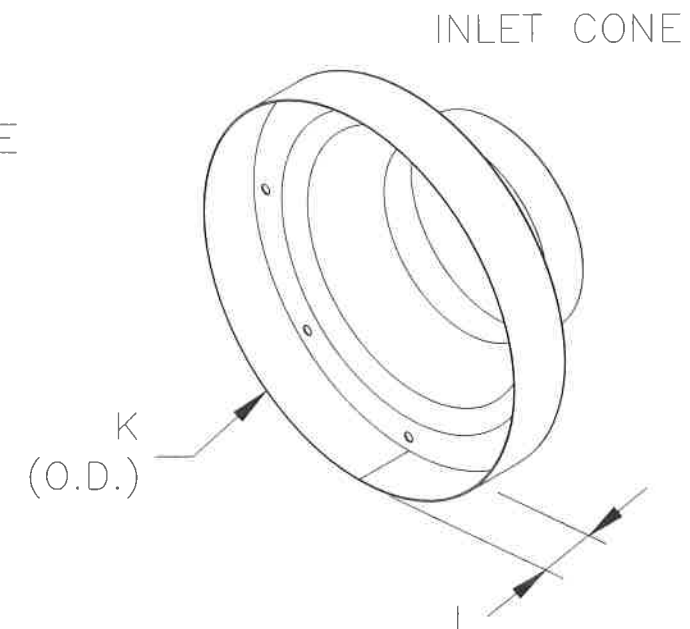
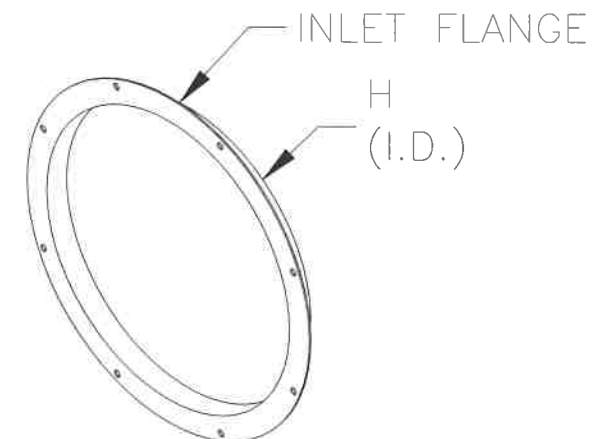


TITLE
USF/FJ 04-24
FAN
SHEET 4 OF 14

DRAWN BY MATTSON J	ENG. REF.
DATE 05/2023	NOA TESTING
SUPERSEDES	
SCALE 1/10	
CAD DRAWING NO.	B
USF/FJ-1001	



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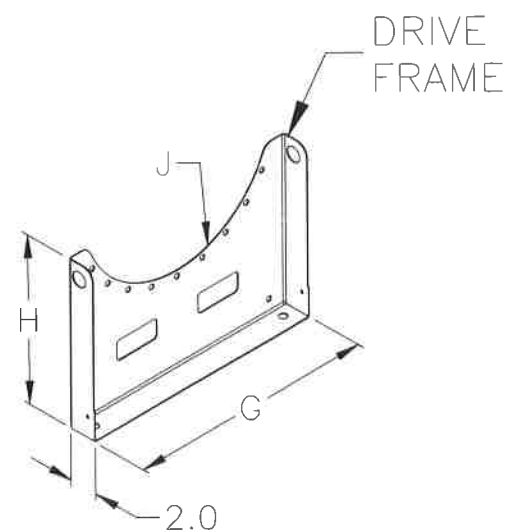


UNIT	A	B	C	D	E	F	SIDE PLATE	SCROLL WRAP
*USF/FJ-04,06,08,10	8.5	20.1	20.7	8.6	10.7	11.1	14 GA. COLD ROLLED DRAWING STEEL Fymin=26Ksi	18 GA. GALVANNEAL CARBON STEEL Fymin=26Ksi
*USF/FJ-04,06,08,12	9.9	23.3	23.4	10.0	11.8	12.9		
USF/FJ-13	10.9	25.5	25.4	10.9	12.6	14.2		
USF/FJ-15	12.0	28.3	27.7	12.1	13.5	15.8		
USF/FJ-16	13.2	31.0	30.0	13.3	14.5	17.4		
USF/FJ-18	14.6	34.2	32.7	14.6	15.6	19.2		
USF/FJ-20	16.0	37.4	35.4	16.0	16.7	21.1		
USF/FJ-22	17.7	41.5	38.9	17.7	18.2	23.5		
USF/FJ-24	19.5	45.5	42.4	19.4	19.6	25.8		

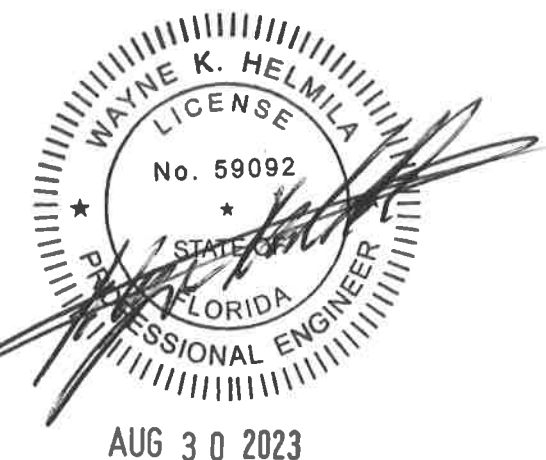
UNIT	H	INLET FLANGE
*USF/FJ-04,06,08,10	13.2	1.50x1.50x .125 CRS
*USF/FJ-04,06,08,12	15.4	
USF/FJ-13	17.1	
USF/FJ-15	19.0	
USF/FJ-16	21.0	
USF/FJ-18	23.2	
USF/FJ-20	25.5	
USF/FJ-22	28.4	
USF/FJ-24	31.3	


UNIT	K	L	INLET CONE
*USF/FJ-04,06,08,10	13.8	3.00	14 GA. COLD ROLLED DRAWING STEEL Fymin=26Ksi
*USF/FJ-04,06,08,12	16.0		
USF/FJ-13	17.7		
USF/FJ-15	19.6		
USF/FJ-16	21.5		
USF/FJ-18	23.8		
USF/FJ-20	26.1		
USF/FJ-22	29.0		
USF/FJ-24	31.9		

*SIZES USF/FJ-04,06,08 WILL UTILIZE EITHER USF/FJ-10 OR USF/FJ-12 VALUES & DIMENSIONS (DEPENDING ON PERFORMANCE)




UNIT	G	H	J	DRIVE FRAME
*USF/FJ-04,06,08,10	16.3	11.1	7.0	14 GA. COLD ROLLED DRAWING STEEL Fymin=26Ksi
*USF/FJ-04,06,08,12	17.4	12.0	8.2	
USF/FJ-13	18.1	12.7	9.0	
USF/FJ-15	19.0	13.7	9.9	
USF/FJ-16	19.9	14.7	10.9	
USF/FJ-18	21.0	15.9	12.0	
USF/FJ-20	22.0	17.2	13.2	
USF/FJ-22	23.4	18.8	14.6	
USF/FJ-24	24.7	20.4	16.1	



PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 23-0707.02
Approval Date 10/05/2023
By 
Miami-Dade Product Control

ALL DIMENSIONS ARE IN INCHES

 P.O. BOX 410 SCHOFIELD, WISCONSIN 54476-0410 TITLE USF/FJ 04-24 FAN MATERIALS SHEET 5 OF 14	DRAWN BY MATTSON J	ECG
	DATE 05/2023	ENG. REF.
	SUPERSEDES	NOA TESTING
	SCALE 1/10	
CAB. DRAWING NO.		B USF/FJ-1001

ALL DIMENSIONS ARE IN INCHES

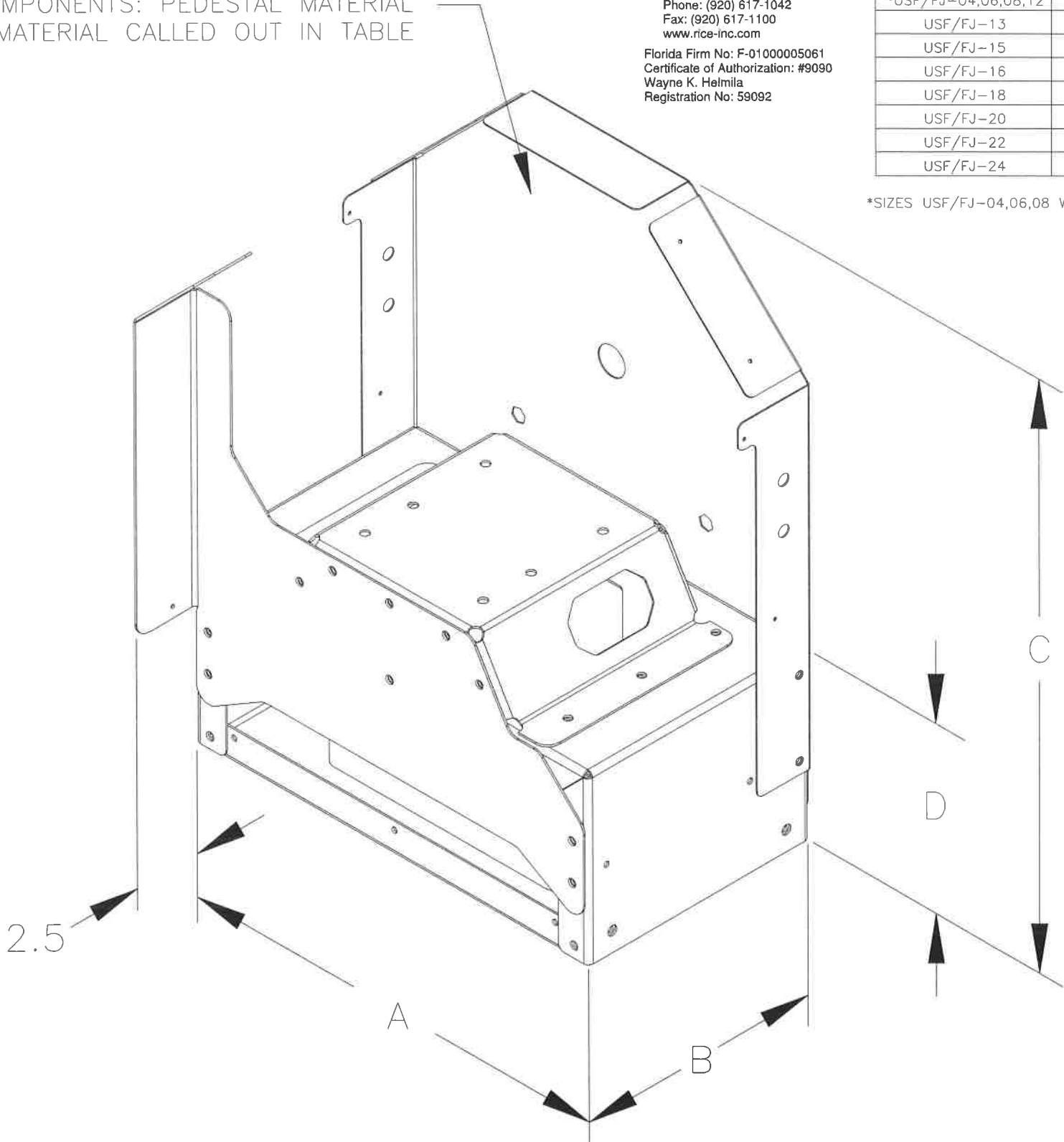
RICE
ENGINEERING

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Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092

COVER MATERIAL
ALL OTHER COMPONENTS: PEDESTAL MATERIAL
MATERIAL CALLED OUT IN TABLE

UNIT	A	B	C	D	PEDESTAL	COVER	FASTENER H PEDESTAL TO PEDESTAL	
							DESCRIPTION	QTY.
*USF/FJ-04,06,08,10	16.3	9.3	21.6	14.4	14 GA. COLD ROLLED DRAWING STEEL Fymin=26Ksi	18 GA. GALVANNEAL CARBON STEEL Fymin=26Ksi	THREAD ROLLING SCREW, SLOTTED INDENTED HEXAGONAL WASHER HEAD,.25-20X.5 ZINC PLATED/WAX	28
*USF/FJ-04,06,08,12	17.4	10.3	24.3	15.9				
USF/FJ-13	18.1		26.3	16.9				
USF/FJ-15	19.0	12.5	28.6	18.1				
USF/FJ-16	19.9	16.3	31.0	19.4				30
USF/FJ-18	21.0	17.8	33.8	20.8				
USF/FJ-20	22.0	19.3	36.5	22.3				
USF/FJ-22	23.4	20.1	40.0	24.1				
USF/FJ-24	24.7		43.6	26.0				

*SIZES USF/FJ-04,06,08 WILL UTILIZE EITHER USF/FJ-10 OR USF/FJ-12 VALUES & DIMENSIONS (DEPENDING ON PERFORMANCE)



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	DATE 05/2023	ENG. REF.
	SUPERSEDES	NOA TESTING
	SCALE 1/10	
CAB DRAWING NO.		B
USF/FJ-1001		

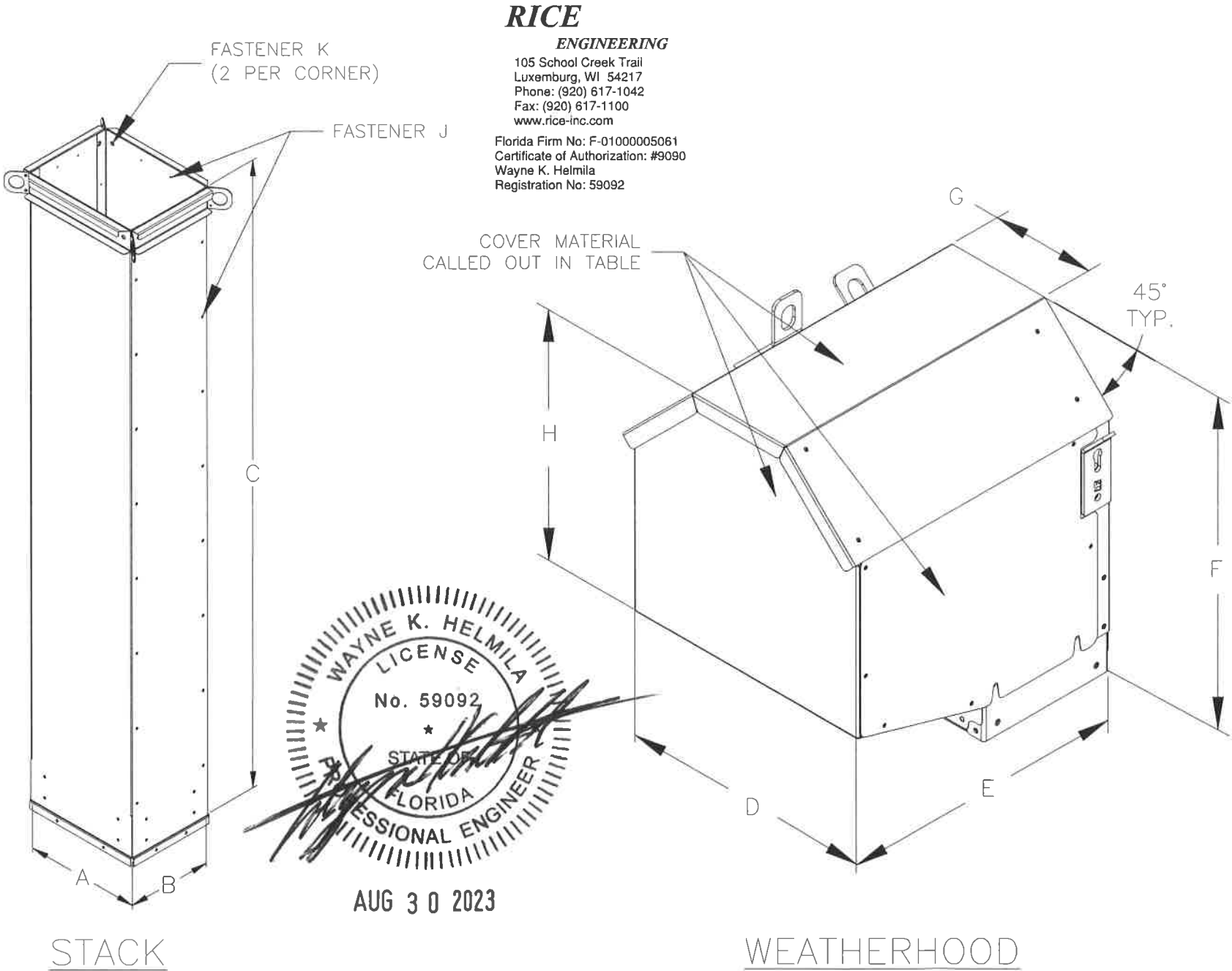
USF/FJ 04-24
PEDESTAL DIMENSIONS
SHEET 6 OF 14

ALL DIMENSIONS ARE IN INCHES

					FASTENER J		FASTENER K	
UNIT	A	B	C	MATERIAL	DESCRIPTION	QTY.	DESCRIPTION	QTY.
*USF/FJ-04,06,08,10	11.1	8.3	60.0	18 GA. GALVANNEAL CARBON STEEL Fymin=26Ksi	SHEET METAL SCREW,INDENTED HEXAGONAL WASHER HEAD,#12-11X.625 ZINC PLATED,TYPE-A,WITH ETHYLENE PROPYLENE DIENE MONOMER	24	BOLT,HEXAGONAL SERRATED FLANGE,,313-18X1,GRADE 5,ZINC PLATED	8
*USF/FJ-04,06,08,12	12.9	9.6	56.6			26		
USF/FJ-13	14.2	10.6	54.2					
USF/FJ-15	15.8	11.8	51.4		32			
USF/FJ-16	17.4	13.0	48.5					
USF/FJ-18	19.2	14.3	45.2					
USF/FJ-20	21.1	15.7	41.8					
USF/FJ-22	23.5	17.5	37.5					
USF/FJ-24	25.8	19.3	33.2					

	FASTENER L COVER TO COVER		FASTENER M COVER TO PEDESTAL		FASTENER N LIFT LUG TO COVER	
UNIT	DESCRIPTION	QTY.	DESCRIPTION	QTY.	DESCRIPTION	QTY.
*USF/FJ-04,06,08,10	SHEET METAL SCREW, INDENTED HEXAGONAL WASHER HEAD, #12-11X.625 ZINC PLATED, TYPE-A, WITH ETHYLENE PROPYLENE DIENE MONOMER	20	THREAD ROLLING SCREW, SLOTTED INDENTED HEXAGONAL WASHER HEAD, .25-20X.5 ZINC PLATED/WAX	15	BOLT, HEXAGONAL SERRATED FLANGE, .313-18X1, GRADE 5, ZINC PLATED	6
*USF/FJ-04,06,08,12						
USF/FJ-13						
USF/FJ-15						
USF/FJ-16		24		17	NUT, HEXAGONAL SERRATED FLANGE, .313-18, GRADE 5, ZINC PLATED	
USF/FJ-18						
USF/FJ-20						
USF/FJ-22						
USF/FJ-24						

*SIZES USF/FJ-04,06,08 WILL UTILIZE EITHER USF/FJ-10 OR USF/FJ-12 VALUES & DIMENSIONS (DEPENDING ON PERFORMANCE)



UNIT	D	E	F	G	H	COVER MATERIAL
*USF/FJ-04,06,08,10	16.3	19.0	21.6	6.8	16.4	18 GA. GALVANNEAL CARBON STEEL Fymin=26Ksi
*USF/FJ-04,06,08,12	17.4	19.5	24.3	7.2	17.9	
USF/FJ-13	18.1		26.3	7.5	18.9	
USF/FJ-15	19.0	20.5	28.6	7.9	20.1	
USF/FJ-16	19.9	25.5	31.0	8.2	21.4	
USF/FJ-18	21.0	29.5	33.8	8.7	22.8	
USF/FJ-20	22.0	35.5	36.5	9.1	24.3	
USF/FJ-22	23.4		40.0	9.7	26.1	
USF/FJ-24	24.7		43.6	10.2	28.0	

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Approval Date 10/05/2023
By *[Signature]*
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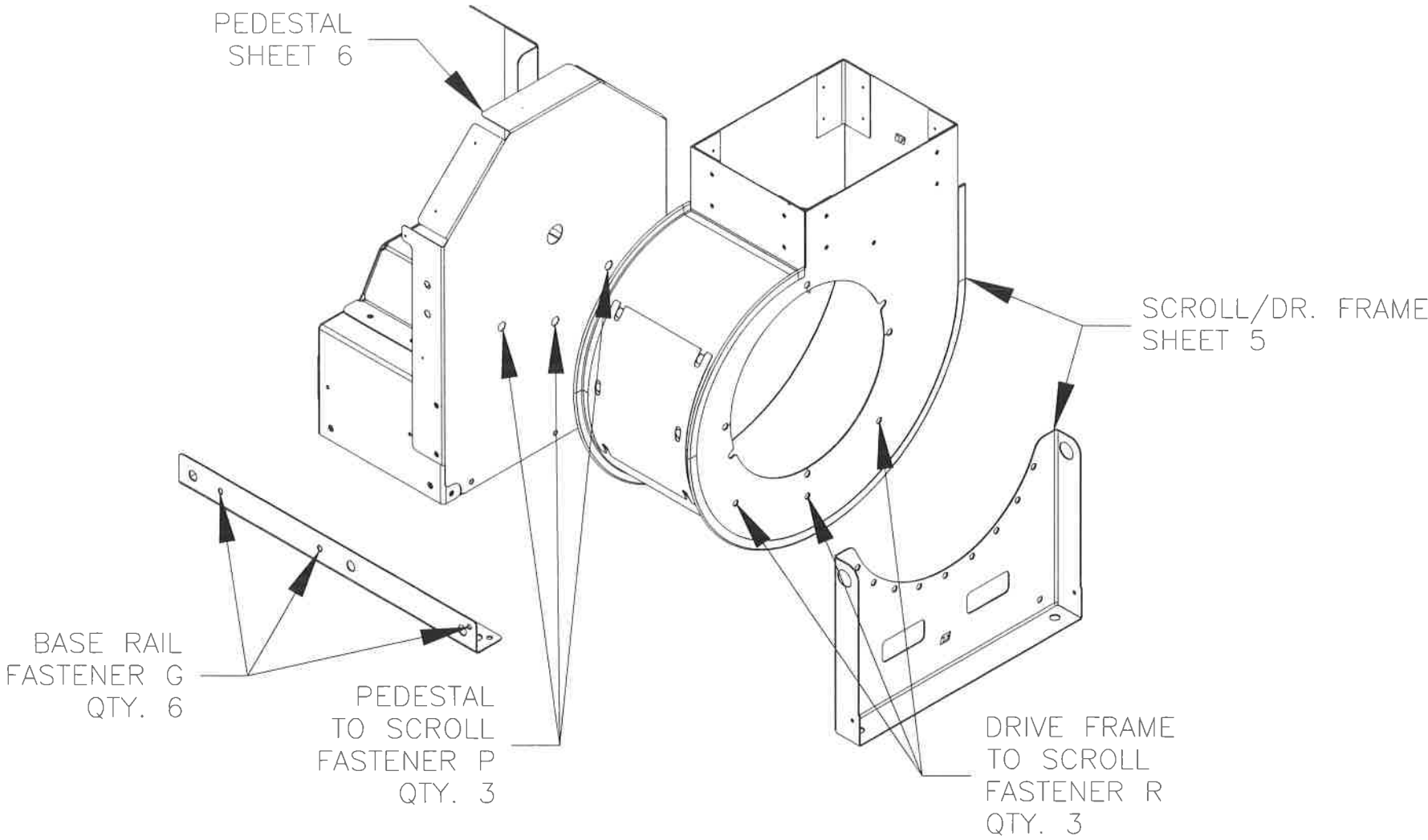
 P.O. BOX 410 SCHOFIELD, WISCONSIN 54476-0410	DRAWN BY MATTSON, J	ECO
DATE 05/2023	ENG. REF.	NOA TESTING
SUPERSEDES		
SCALE 1/10	CAD DRAWING NO.	B
TITLE USF/FJ 04-24 ENCLOSURE DIMENSIONS SHEET 7 OF 14		
USF/FJ-1001		

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Wayne K. Helmila
Registration No: 59092

UNIT	FASTENER G DESCRIPTION	FASTENER P DESCRIPTION	FASTENER R DESCRIPTION
*USF/FJ-04,06,08,10	THREAD ROLLING SCREW,SLOTTED INDENTED HEXAGONAL WASHER HEAD,.25-20X.5 ZINC PLATED/WAX	BOLT,HEXAGONAL SERRATED FLANGE, .313-18X1, GRADE 5, ZINC PLATED	BOLT,HEXAGONAL SERRATED FLANGE,.313-18X1,GRADE 5,ZINC PLATED
*USF/FJ-04,06,08,12			
USF/FJ-13		WASHER,FLAT, .31X.083X.375X.875, ZINC PLATED	NUT,HEXAGONAL SERRATED FLANGE,.313-18,GRADE 5,ZINC PLATED
USF/FJ-15			
USF/FJ-16		NUT,INSERT,HEXAGONAL HEAD,.31-18,ZINC PLATED	
USF/FJ-18			
USF/FJ-20			
USF/FJ-22			
USF/FJ-24			

*SIZES USF/FJ-04,06,08 WILL UTILIZE EITHER USF/FJ-10 OR USF/FJ-12 VALUES & DIMENSIONS (DEPENDING ON PERFORMANCE)

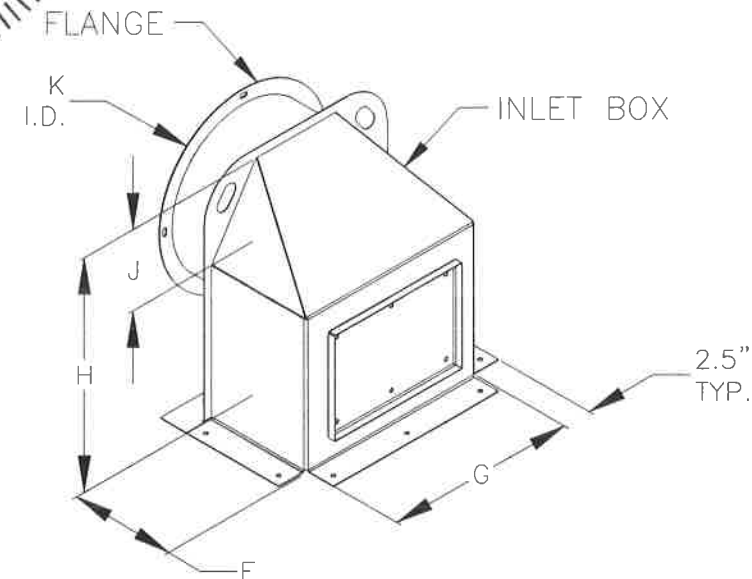
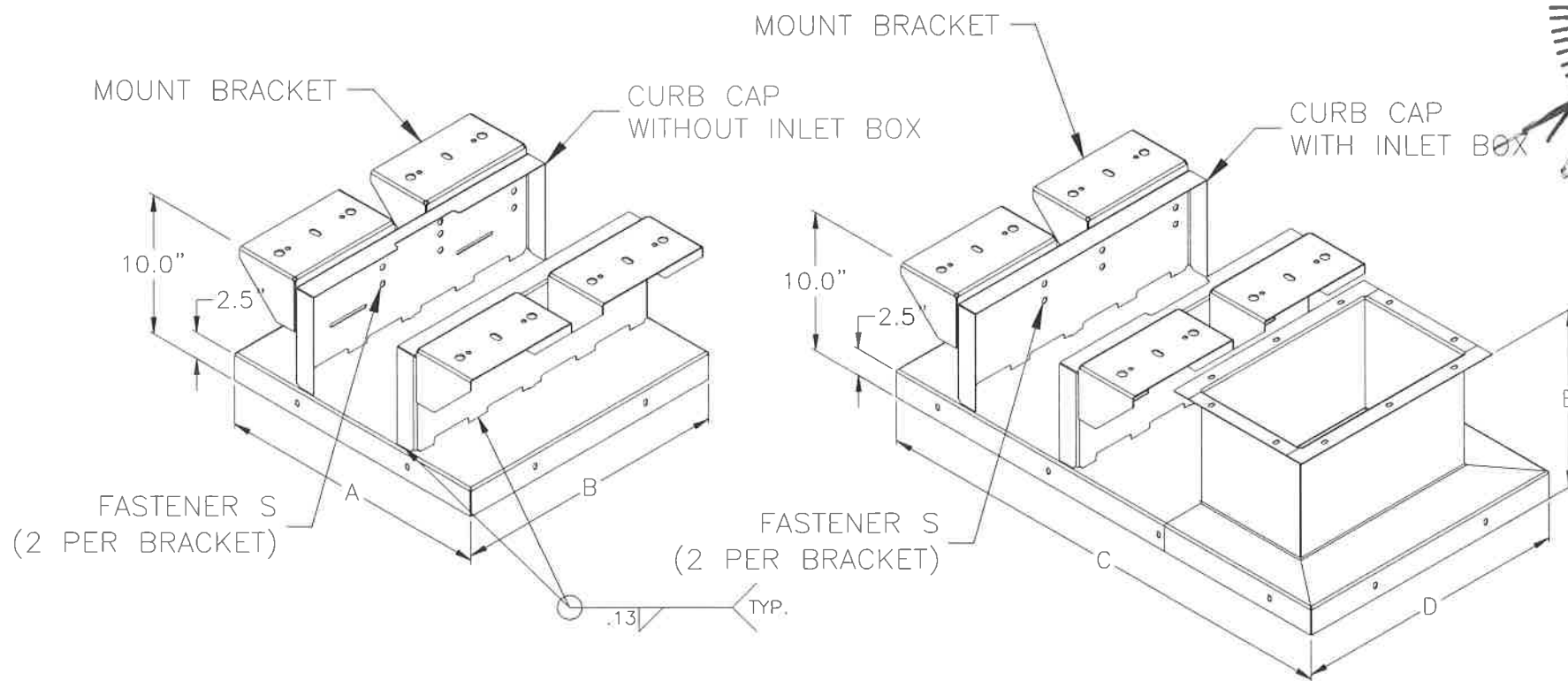


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Approval Date 10/05/2023
By *[Signature]*
Miami-Dade Product Control

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	DATE 05/2023	ENG. REF.
	SUPERSEDES	NOA TESTING
	SCALE 1/10	
TITLE USF/FJ 04-24 FAN ASSEMBLY SHEET 8 OF 14		CAD DRAWING NO. USF/FJ-1001




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UNIT	A	B	C	D	E	CURB CAP	MOUNT BRACKET	FASTENER S	
								DESCRIPTION	QTY.
*USF/FJ-04,06,08,10	25.6	25.8	45.0	25.8	10.6	14 GA. COLD ROLLED DRAWING STEEL Fymin=26Ksi	12 GA. HOT ROLLED CARBON STEEL Fymin=43Ksi	BOLT, HEXAGONAL SERRATED FLANGE, .5-13X1, GRADE 5, ZINC PLATED NUT, HEXAGONAL SERRATED FLANGE, .5-13, GRADE 5, ZINC PLATED	8
*USF/FJ-04,06,08,12	28.0	26.9	48.8	26.9	10.7				
USF/FJ-13	29.0	27.6	50.9	28.3	10.7				
USF/FJ-15	32.4	28.5	55.6	30.6	10.8				
USF/FJ-16	37.3	29.4	61.8	32.9	10.9				
USF/FJ-18	40.2	30.5	66.2	35.6	11.0				
USF/FJ-20	43.1	31.5	70.6	38.3	11.1				
USF/FJ-22	45.7	32.9	75.1	41.7	11.2				
USF/FJ-24	47.5	34.2	78.8	45.1	11.3				

UNIT	F	G	H	J	K	INLET BOX	INLET FLANGE
*USF/FJ-04,06,08,10	9.0	16.1	19.6	6.8	13.6	14 GA. COLD ROLLED DRAWING STEEL Fymin=26Ksi	12 GA. HOT ROLLED CARBON STEEL Fymin=43Ksi
*USF/FJ-04,06,08,12	10.5	18.8	22.8	7.9	15.8		
USF/FJ-13	11.6	20.7	25.2	8.7	17.5		
USF/FJ-15	12.9	23.0	28.0	9.7	19.4		
USF/FJ-16	14.1	25.3	30.8	10.7	21.3		
USF/FJ-18	15.6	27.9	34.0	11.8	23.6		
USF/FJ-20	17.1	30.6	37.3	12.9	25.9		
USF/FJ-22	19.1	34.1	41.5	14.4	28.8		
USF/FJ-24	21.0	37.5	45.7	15.8	31.7		

*SIZES USF/FJ-04,06,08 WILL UTILIZE EITHER USF/FJ-10 OR USF/FJ-12 VALUES & DIMENSIONS (DEPENDING ON PERFORMANCE)

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 P.O. BOX 410 SCHOFIELD, WISCONSIN 54476-0410 TITLE USF/FJ 04-24 CCIB MATERIALS SHEET 9 OF 14	DRAWN BY MATTSON J	ECG
	DATE 05/2023	ENG. REF.
	SUPERSEDES	NOA TESTING
	SCALE 1/10	CAD DRAWING NO. USF/FJ-2001

ALL DIMENSIONS ARE IN INCHES

*SIZES USF/FJ-04,06,08 WILL UTILIZE EITHER USF/FJ-10 OR USF/FJ-12 VALUES & DIMENSIONS (DEPENDING ON PERFORMANCE)

ALL DIMENSIONS ARE IN INCHES

UNIT	Equipment Support End Dimension
	WIDTH
*USF/FJ-04,06,08,10	28"
*USF/FJ-04,06,08,12	29"
USF/FJ-13	30"
USF/FJ-15	31"
USF/FJ-16	32"
USF/FJ-18	33"
USF/FJ-20	34"
USF/FJ-22	35"
USF/FJ-24	36"

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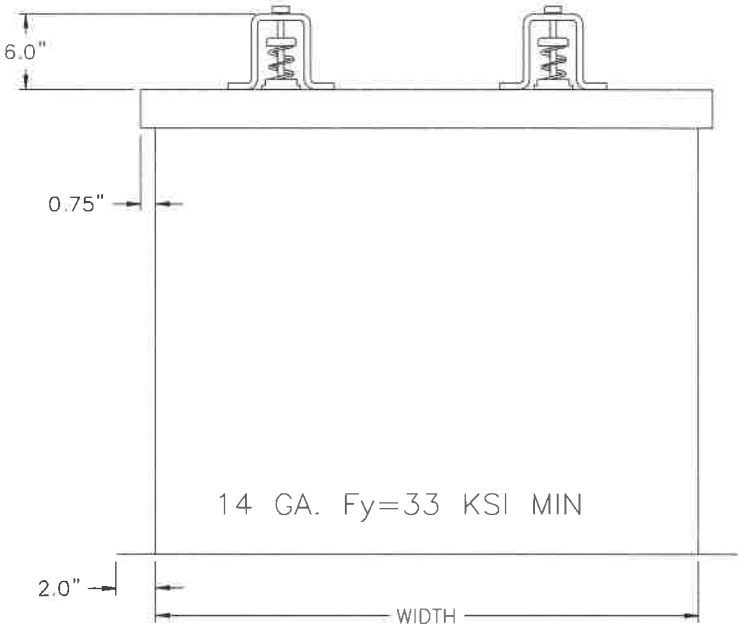


ISOLATOR BOLT
1/2-13
4 PLACES

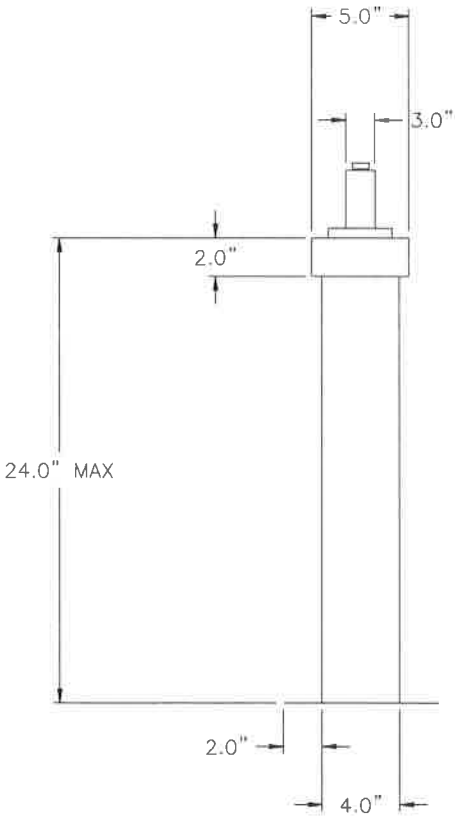
1/2" LAG BOLT
MIN. 1.50" THREAD
ENGAGEMENT
(TWO PER SUPPORT)

18 GA. GALV G90
W/WOOD NAILER

EQUIPMENT SUPPORT INSTALLATION

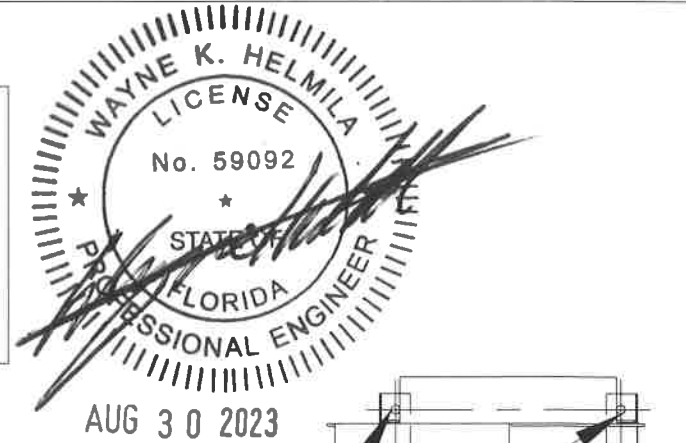


EQUIPMENT SUPPORT SIDE PROFILE

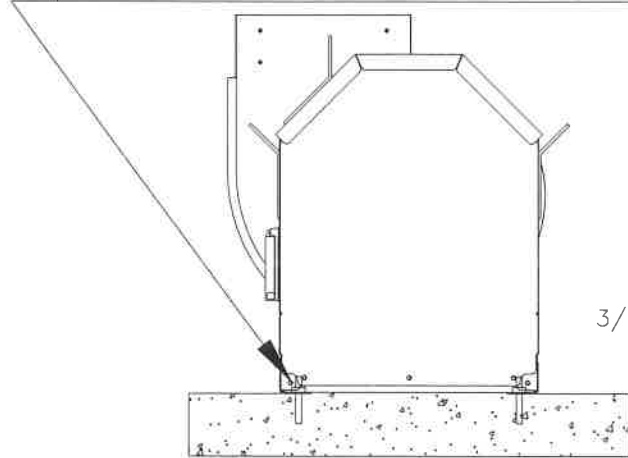


EQUIPMENT SUPPORT END PROFILE

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	MATTSON J	
	DATE	ENG. REF.
	05/2023	NOA TESTING
	SUPERSEDES	
TITLE	SCALE	CAB. DRAWING NO.
USF/FJ 04-24 EQUIPMENT SUPPORT MATERIALS SHEET 10 OF 14	1/12	
		B
		USF/FJ-2001

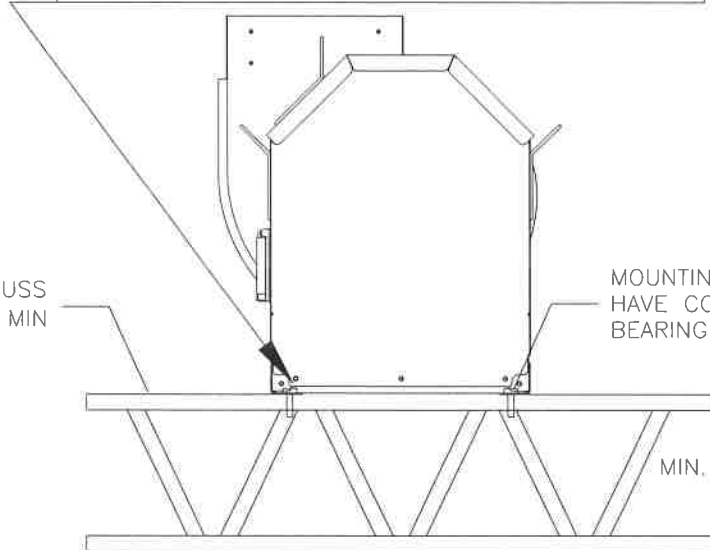


ANCHORAGE INTO CONCRETE:
USE (6) 1/2" DIA. KWIK BOLT T22 WEDGE ANCHOR
304 STAINLESS STEEL
EFFECTIVE EMBEDMENT DEPTH: 3.25" MIN.
NOMINAL EMBEDMENT: 3.75" MIN.
INSTALL HOLE DEPTH: 4.25" MIN.
EDGE DISTANCE: 6" MIN.
SPACING: 12" MIN.
MIN. SLAB THICKNESS: 5.5" - NORMAL WT., CRACKED
CONCRETE COMPRESSIVE STRENGTH: F'C= 3,000 PSI
INSTALL PER MANUFACTURER'S INSTRUCTIONS



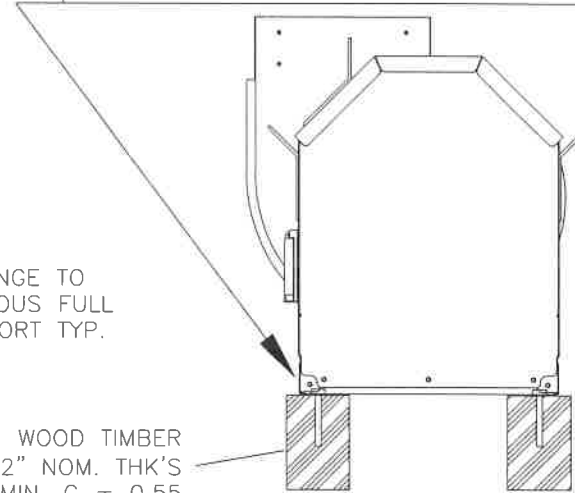
CONCRETE DECK ANCHORING

ANCHORAGE INTO STEEL:
USE (6) 5/16" DIA. S.S. FASTENERS
300 SERIES, S.S. COND. CW FY = 65 KSI
WITH 5/8" MIN. 300 SERIES S.S. WASHER
MIN: 3/16" THREAD ENGAGEMENT
INTO MIN. FY = 33KSI STEEL.
SPACING: 1" MIN.
EDGE DISTANCE: 1" MIN.
END DISTANCE: 1" MIN.



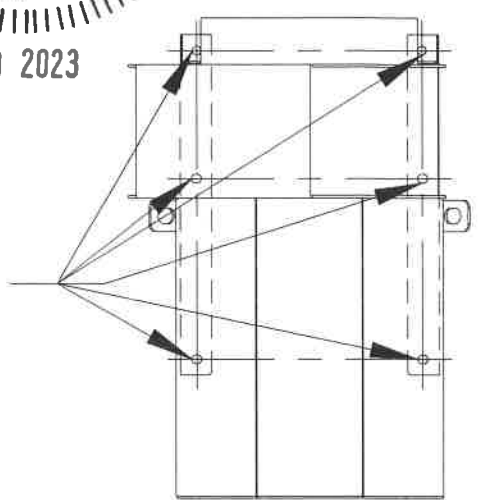
STEEL ANCHORING

ANCHORAGE INTO WOOD:
USE (6) 1/2" DIA, 316 S.S. LAG BOLTS (FY = 65KSI)
S. PINE (G = 0.55 MIN) - PREDRILL AS RECOMMENDED
PENETRATION = 3 3/4" (MIN: 4" LONG)
MIN OF 2 1/2" OF THREADS TO BE ENGAGED INTO WOOD
WOOD: (3) 2X 4 1/2" MIN.
SPACING: 2 1/2" MIN.
EDGE DISTANCE: 2" MIN.
END DISTANCE: 3 1/2" MIN.



TIMBER ANCHORING

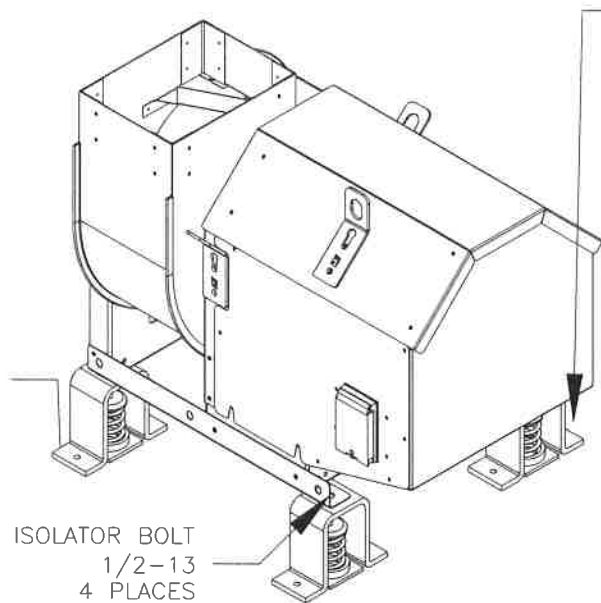
ANCHOR LOCATIONS
6 PLACES
(DIRECT MOUNT ONLY)



RICE ENGINEERING

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ISOLATOR FLANGE TO
HAVE CONTINUOUS
FULL BEARING
SUPPORT TYP.



ISOLATOR BOLT
1/2-13
4 PLACES

MOUNTING PER ISOLATORS

ANCHORAGE INTO STEEL:
USE (2) 5/16" DIA. S.S. FASTENERS
300 SERIES, S.S. COND. CW FY = 65KSI
WITH 5/8" MIN. 300 SERIES S.S. WASHER
MIN: 3/16" THREAD ENGAGEMENT
INTO MIN. FY = 33 KSI STEEL
EDGE DISTANCE: 1" MIN
END DISTANCE: 1" MIN
--- OR ---
USE (2) 1/2" DIA. S.S. THRU BOLTS
300 SERIES, S.S. COND. CW FY = 65KSI
WITH 3/4" MIN. 300 SERIES S.S. WASHER
THROUGH 3/16" MIN. THICK STEEL
FY = 33 KSI MIN.
EDGE DISTANCE: 1" MIN
END DISTANCE: 1" MIN

ANCHORAGE INTO CONCRETE:
USE (2) 1/2" DIA. KWIK BOLT T22 WEDGE ANCHOR
304 STAINLESS STEEL
EFFECTIVE EMBEDMENT DEPTH: 3.25" MIN.
NOMINAL EMBEDMENT: 3.75" MIN.
INSTALL HOLE DEPTH: 4.25" MIN.
EDGE DISTANCE: 6" MIN.
MIN. SLAB THICKNESS: 5.5" - NORMAL WT., CRACKED
CONCRETE COMPRESSIVE STRENGTH: F'C= 3,000 PSI
INSTALL PER MANUFACTURER'S INSTRUCTIONS
(HAMMER DRILLED HOLE, INSTALLATION CONDITION: DRY)

ANCHORAGE INTO WOOD:
USE (2) 1/2" DIA, 316 S.S. LAG BOLTS (FY = 65KSI)
S. PINE (G = 0.55 MIN) - PREDRILL AS RECOMMENDED
PENETRATION = 3 3/4" (MIN: 4" LONG)
MIN OF 2 1/2" OF THREADS TO BE ENGAGED INTO WOOD
WOOD: (3) 2X 4 1/2" MIN.
EDGE DISTANCE: 2" MIN.
END DISTANCE: 3 1/2" MIN.

PRODUCT APPROVED
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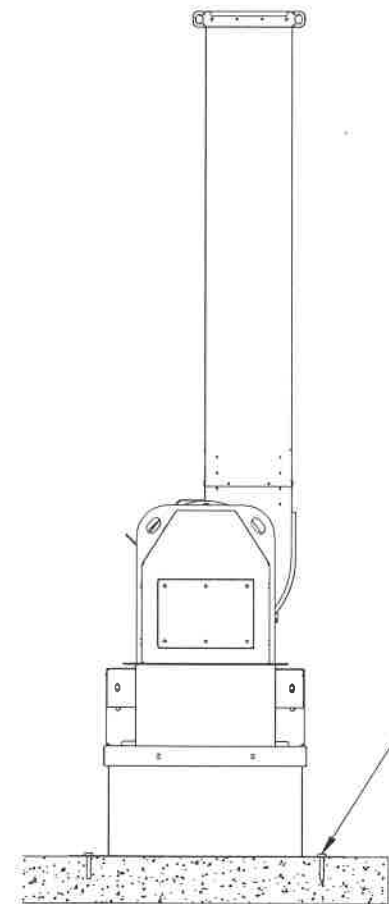
NOA-No. 23-0707.02

Approval Date 10/05/2023

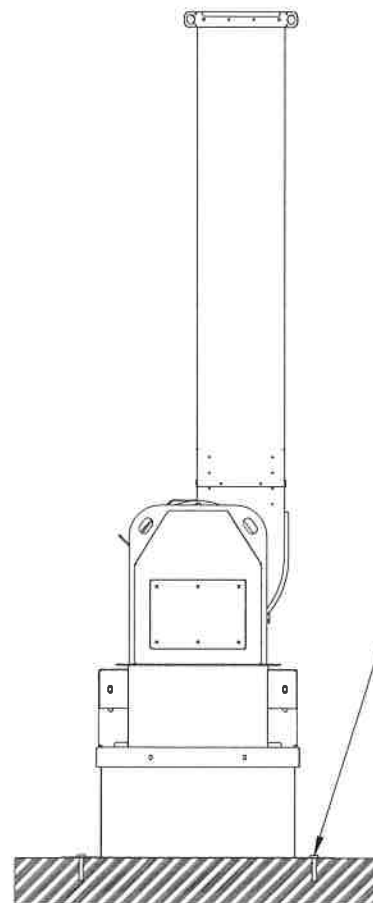
By
Miami-Dade Product Control

 P.O. BOX 410 SCHOFIELD, WISCONSIN 54476-0410	DRAWN BY MATTSON J	ECO
	DATE 05/2023	ENG. REF.
	SUPERSEDES	NOA TESTING
	SCALE 1/12	CAB DRAWING NO. USF/FJ-1001

USF/FJ 04-24
INSTALLATION
SHEET 11 OF 14



CONCRETE DECK ANCHORING



TIMBER ANCHORING

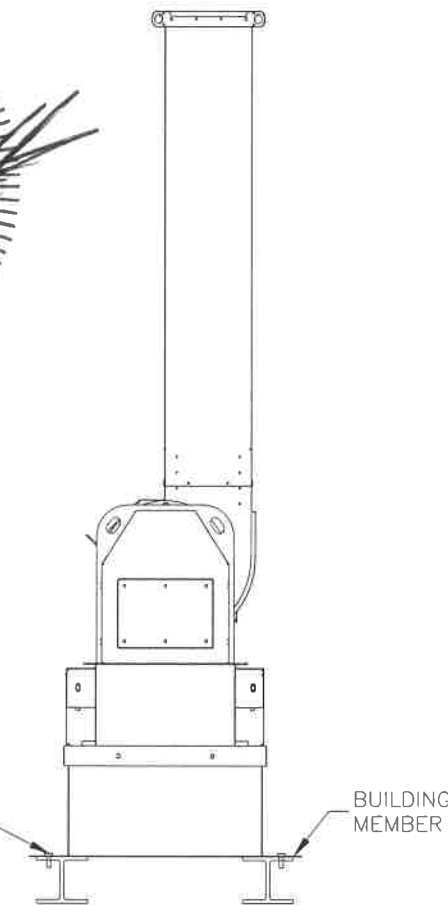
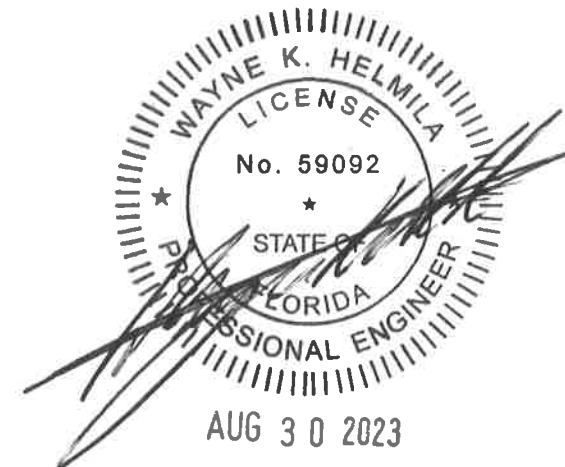
ANCHORAGE INTO CONCRETE:
USE 3/8" DIA. KWIK BOLT TZ2 WEDGE ANCHOR
304 STAINLESS STEEL
EFFECTIVE EMBEDMENT DEPTH: 2" MIN.
NOMINAL EMBEDMENT: 2.5" MIN.
INSTALL HOLE DEPTH: 2.75" MIN.
EDGE DISTANCE: 6" MIN.
SPACING: 12" MIN.
MIN. SLAB THICKNESS: 4" - NORMAL WT., CRACKED
CONCRETE COMPRESSIVE STRENGTH: F'C= 3,000 PSI
INSTALL PER MANUFACTURER'S INSTRUCTIONS
(HAMMER DRILLED HOLE, INSTALLATION CONDITION: DRY)

ANCHORAGE INTO STEEL:
USE 5/16" DIA. S.S. FASTENERS
300 SERIES, S.S. COND. CW FY = 65 KSI
WITH 5/8" MIN. 300 SERIES S.S. WASHER
MIN: 3/16" THREAD ENGAGEMENT
INTO MIN. FY = 33KSI STEEL.
SPACING: 1" MIN.
EDGE DISTANCE: 1" MIN.
END DISTANCE: 1" MIN.

ANCHORAGE INTO WOOD:
USE 3/8" DIA. 316 S.S. LAG BOLTS (FY = 65 KSI)
S. PINE (G = 0.55 MIN) - PREDRILL AS RECOMMENDED
PENETRATION = 2 3/4" (MIN: 3" LONG)
MIN OF 2" OF THREADS TO BE ENGAGED INTO WOOD
WOOD: (2) 2X 3" MIN.
SPACING: 1 7/8" MIN.
EDGE DISTANCE: 1 1/2" MIN.
END DISTANCE: 2 5/8" MIN.

RICE
ENGINEERING

105 School Creek Trail
Luxemburg, WI 54217
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www.rice-inc.com
Florida Firm No: F-01000005061
Certificate of Authorization: #9090
Wayne K. Helmila
Registration No: 59092



STEEL ANCHORING-Self DRILL/TAP FASTENERS

ONE FASTENER
IN EACH CORNER

CURB FLANGE TO
HAVE CONTINUOUS
FULL BEARING
SUPPORT TYP.

SEE SHEET 14 FOR MIN SIDE QTY

1.75" MAX DISTANCE
FROM VERTICAL FACE
OF CURB

14GA FY = 33 KSI MIN.

5.0 FLANGE

SEE SHEET 14 FOR MIN END QTY

PRODUCT APPROVED
as complying with the Florida
Building Code

NOA-No. 23-0707.02

Approval Date 10/05/2023

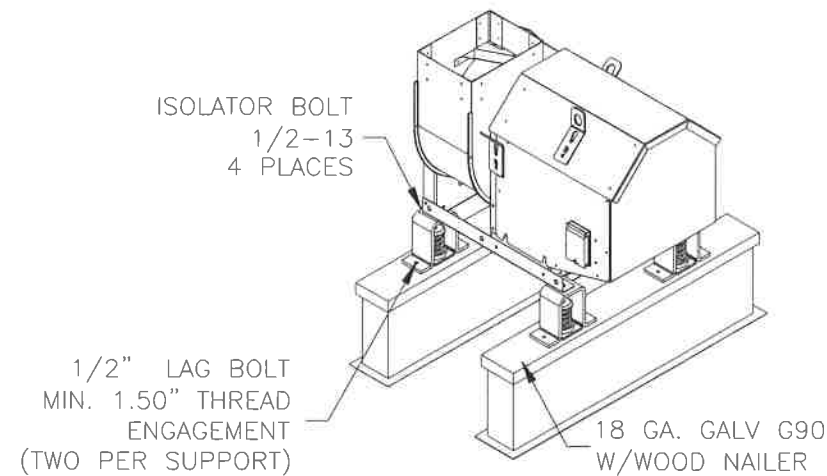
By *[Signature]*
Miami-Dade Product Control

SEE SHEET 14 FOR ANCHOR QTY



TITLE
USF/FJ 04-24
CURB INSTALLATION
SHEET 12 OF 14

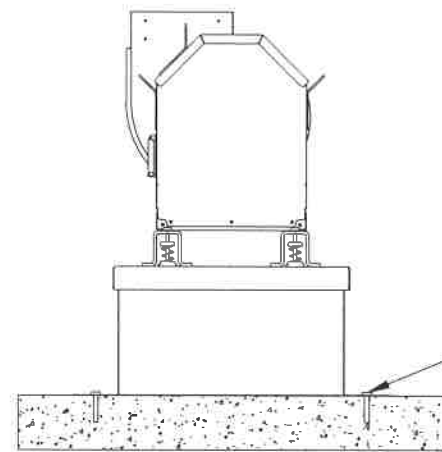
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MATTSON J	
DATE	ENG. REF.
05/2023	
SUPERSEDES	NOA TESTING
SCALE	
1/10	
CAD DRAWING NO.	B
USF/FJ-1001	



RICE **ENGINEERING**

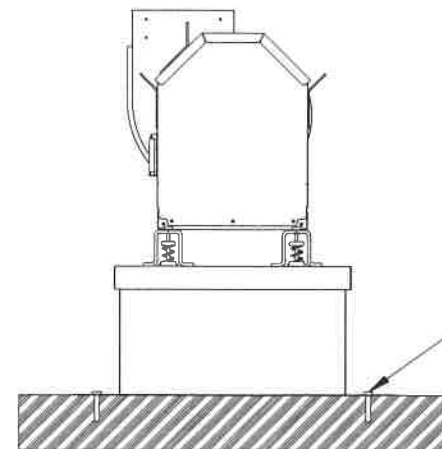
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EQUIPMENT SUPPORT ANCHORING



CONCRETE DECK ANCHORING

ANCHORAGE INTO CONCRETE:
USE 3/8" DIA. KWIK BOLT TZ2 WEDGE ANCHOR
304 STAINLESS STEEL
EFFECTIVE EMBEDMENT DEPTH: 2" MIN.
NOMINAL EMBEDMENT: 2.5" MIN.
INSTALL HOLE DEPTH: 2.75" MIN.
EDGE DISTANCE: 3" MIN.
SPACING: 6" MIN.
MIN. SLAB THICKNESS: 4" - NORMAL WT., CRACKED
CONCRETE COMPRESSIVE STRENGTH: F'C= 3,000 PSI
INSTALL PER MANUFACTURER'S INSTRUCTIONS
(HAMMER DRILLED HOLE, INSTALLATION CONDITION: DRY)



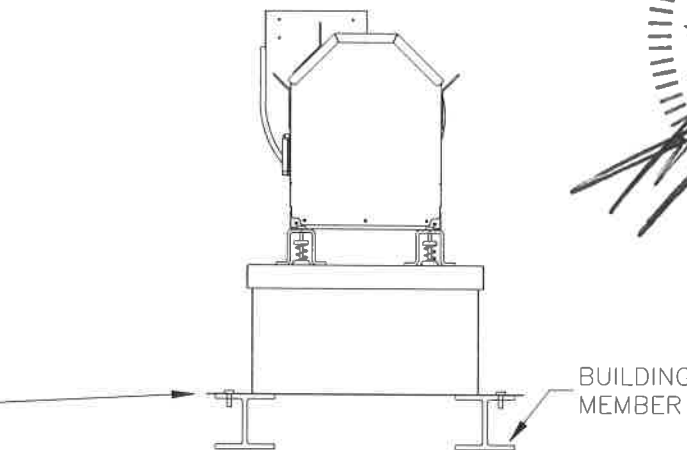
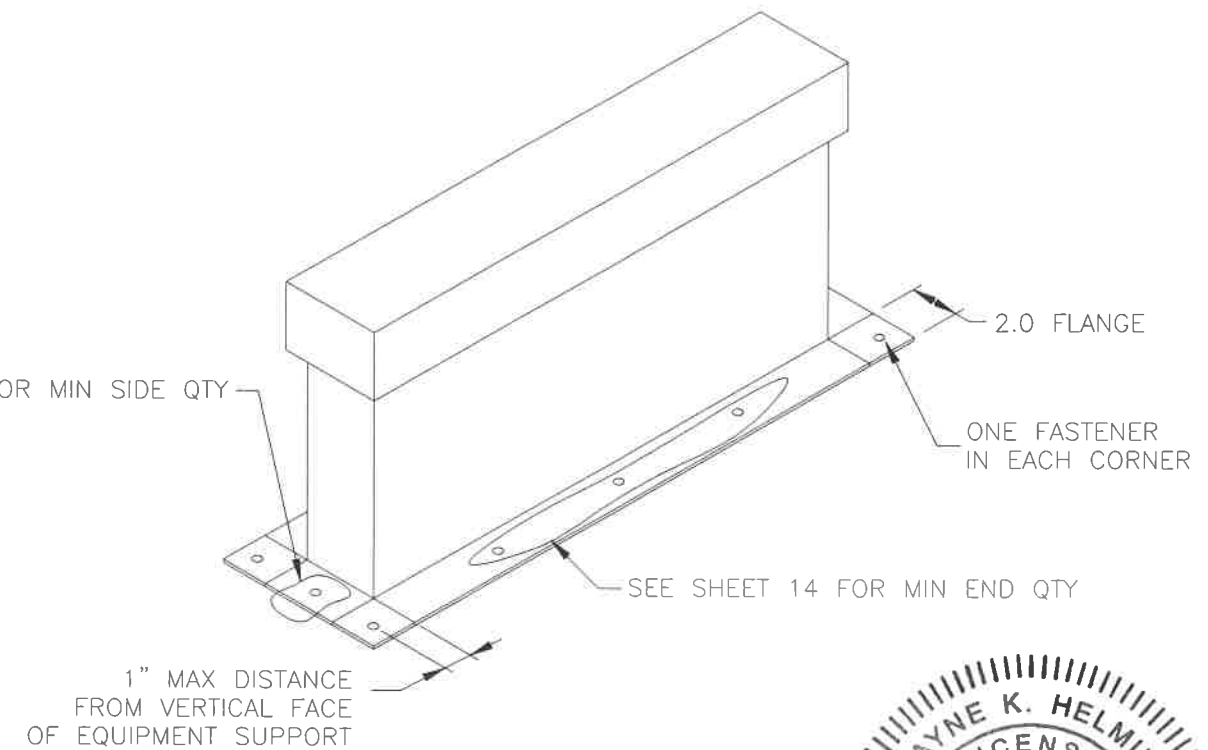
TIMBER ANCHORING

ANCHORAGE INTO STEEL:
USE 5/16" DIA. S.S. FASTENERS
300 SERIES, S.S. COND. CW FY = 65 KSI
WITH 5/8" MIN. 300 SERIES S.S. WASHER
MIN: 3/16" THREAD ENGAGEMENT
INTO MIN. FY = 33KSI STEEL.
SPACING: 1" MIN.
EDGE DISTANCE: 1" MIN.
END DISTANCE: 1" MIN.

ANCHORAGE INTO WOOD:
USE 1/2" DIA, 316 S.S. LAG BOLTS (FY = 65 KSI)
S. PINE (G=0.55 MIN) - PREDRILL AS RECOMMENDED
PENETRATION = 2 3/4" (MIN: 3" LONG)
MIN OF 2" OF THREADS TO BE ENGAGED INTO WOOD
WOOD: (2) 2X 3" MIN.
SPACING: 2 1/2" MIN.
EDGE DISTANCE: 2" MIN.
END DISTANCE: 3 1/2" MIN.

SEE SHEET 14 FOR ANCHOR QTY

SEE SHEET 14 FOR MIN SIDE QTY



STEEL ANCHORING-Self DRILL/TAP FASTENERS



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as complying with the Florida
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Approval Date 10/05/2023

By *[Signature]*
Miami-Dade Product Control

 P.O. BOX 410 SCHOFIELD, WISCONSIN 54476-0410 TITLE USF/FJ 04-24 EQUIP SUPP INSTALLATION SHEET 13 OF 14	DRAWN BY MATTSON, J	ECQ
	DATE 05/2023	ENG. REF.
	SUPERSEDES	NOA TESTING
	SCALE 1/10	CAD DRAWING NO.
		B USF/FJ-1001

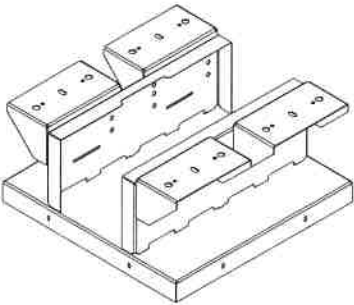
MINIMUM QUANTITY OF CURB ANCHORS

UNIT	Concrete Deck Anchoring				Steel Anchoring				Timber Anchoring			
	Curb Cap		w/Inlet Box		Curb Cap		w/Inlet Box		Curb Cap		w/Inlet Box	
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE
*USF/FJ-04,06,08,10	2	2	1	2	3	2	2	3	2	2	2	3
*USF/FJ-04,06,08,12	2	2	1	3	3	3	2	3	3	2	2	3
USF/FJ-13	2	2	2	3	3	3	2	3	3	3	2	3
USF/FJ-15	2	2	2	3	3	3	2	3	3	3	2	3
USF/FJ-16	2	3	2	3	3	3	2	4	3	3	2	3
USF/FJ-18	2	3	2	3	3	4	2	4	3	3	2	4
USF/FJ-20	2	3	2	3	3	4	2	4	3	4	2	4
USF/FJ-22	2	3	2	3	3	4	2	4	3	4	2	4
USF/FJ-24	3	4	2	4	3	4	2	5	4	5	3	5

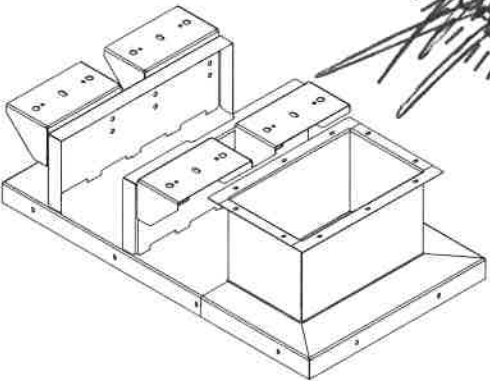
*SIZES USF/FJ-04,06,08 WILL UTILIZE EITHER USF/FJ-10 OR USF/FJ-12 VALUES & DIMENSIONS (DEPENDING ON PERFORMANCE)

UNIT	Concrete Deck Anchoring				Steel Anchoring-Thru Bolts				Timber Anchoring			
	Curb Cap		w/Inlet Box		Curb Cap		w/Inlet Box		Curb Cap		w/Inlet Box	
	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE	END	SIDE
*USF/FJ-04,06,08,10	2	2	1	3	2	3	1	4	2	3	1	4
*USF/FJ-04,06,08,12	2	2	1	4	2	3	2	4	2	3	1	4
USF/FJ-13	2	3	1	4	3	3	2	5	2	3	2	4
USF/FJ-15	2	3	2	4	3	4	2	5	3	3	2	5
USF/FJ-16	2	3	2	5	3	4	2	6	3	4	2	5
USF/FJ-18	3	4	2	5	3	5	2	7	3	5	2	6
USF/FJ-20	3	5	2	6	3	6	2	7	3	5	2	7
USF/FJ-22	3	5	2	6	4	7	3	8	4	6	2	7
USF/FJ-24	4	6	2	7	5	7	3	9	4	7	4	10

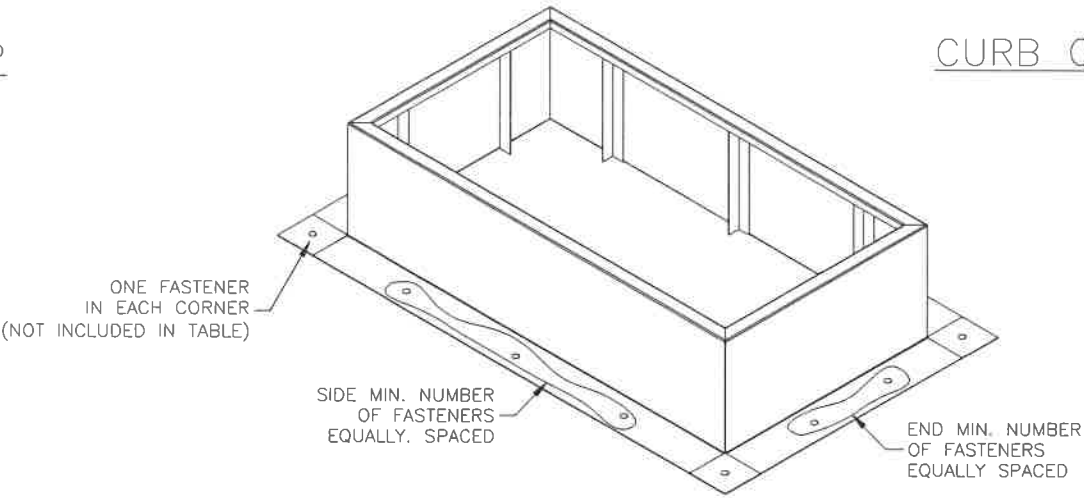
MINIMUM TOTAL ANCHORS PER SYSTEM = (END + SIDE) x2 + 4



CURB CAP



CURB CAP W/ INLET BOX



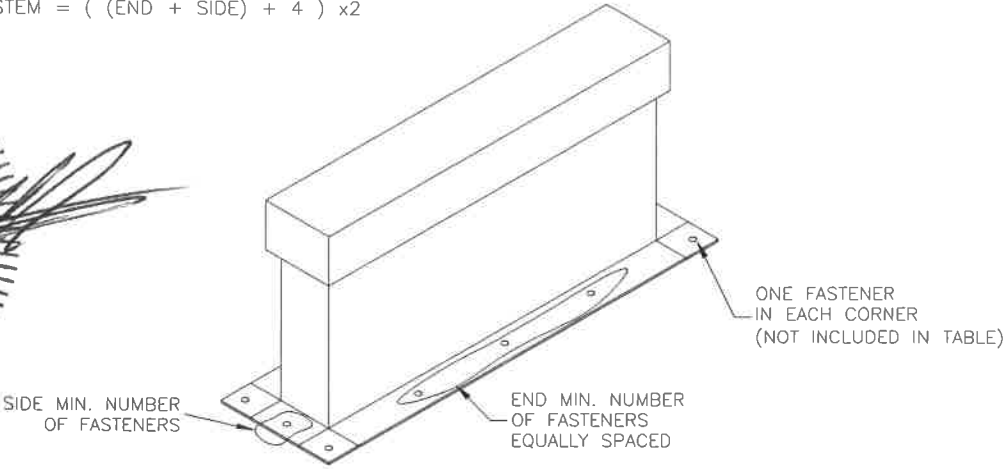
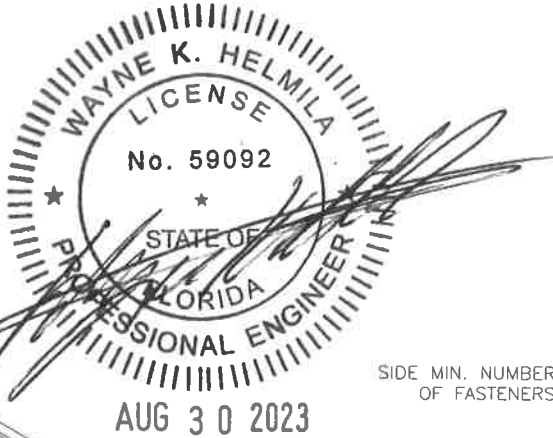
CURB MOUNTING REQUIREMENTS

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Registration No: 59092

UNIT	Concrete Deck Anchoring		Steel Anchoring		Timber Anchoring	
	END FASTENERS	SIDE FASTENERS	END FASTENERS	SIDE FASTENERS	END FASTENERS	SIDE FASTENERS
	END	SIDE	END	SIDE	END	SIDE
*USF/FJ-04,06,08,10	1	2	1	3	1	4
*USF/FJ-04,06,08,12	1	2	1	3	1	4
USF/FJ-13	1	3	1	3	1	4
USF/FJ-15	1	3	1	4	1	4
USF/FJ-16	1	4	1	5	1	4
USF/FJ-18	1	4	1	6	1	4
USF/FJ-20	1	5	1	6	1	5
USF/FJ-22	1	6	2	8	1	6
USF/FJ-24	1	7	2	10	1	7

*SIZES USF/FJ-04,06,08 WILL UTILIZE EITHER USF/FJ-10 OR USF/FJ-12 VALUES & DIMENSIONS (DEPENDING ON PERFORMANCE)

MINIMUM TOTAL FASTENERS PER EQUIPMENT SUPPORT = (END + SIDE) + 4
MINIMUM TOTAL ANCHORS PER SYSTEM = ((END + SIDE) + 4) x2



EQUIPMENT SUPPORT MOUNTING REQUIREMENTS

SEE SHEET 12 FOR CURB INSTALLATION REQUIREMENTS
SEE SHEET 13 FOR EQUIPMENT SUPPORT INSTALLATION REQUIREMENTS

PRODUCT APPROVED
as complying with the Florida
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NOA-No. 23-0707.02
Approval Date 10/05/2023
By *[Signature]*
Miami-Dade Product Control

 P.O. BOX 410 SCHOFIELD, WISCONSIN 54476-0410 TITLE USF/FJ 04-24 CURB/EQUIPMENT SUPP FASTENER QTY SHEET 14 OF 14	DRAWN BY MATTSON, J	ECG
	DATE 05/2023	ENG. REF.
	SUPERSEDES	NOA TESTING
	SCALE 1/10	CAD DRAWING NO. B

USF/FJ-1001