



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

RectorSeal, LLC
2601 Spenwick Drive
Houston, TX 77055

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: Hurricane Rated Wall Steel Condenser Bracket

APPROVAL DOCUMENT: Drawing No **08-03739**, titled “Hurricane Rated Wall Condenser Bracket”, sheets 1 through 4 of 4, dated 07/12/2021, prepared by L. Roberto Lomas, P.E., signed and sealed by Luis R. Lomas, P.E. on 12/02/2021, bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, 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 **renews** and **revises** NOA # **19-0411.04** and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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



NOA No. 21-1012.03
Expiration Date: October 6, 2026
Approval Date: January 6, 2022
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 15-0820.06

A. DRAWINGS

1. Drawing No **RS1508-1**, titled “Wall Condenser Bracket”, sheets 1 through 4 of 4, dated 08/26/2016, prepared by Ted Berman and Associates, LLC, signed and sealed by Theodore Berman, P. E.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC–2014, 5th edition, prepared by Ted Berman and Associates, LLC, signed, and sealed by Theodore Berman, P.E., dated 08/17/2016 and revised 09/08/2016.

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 and of no financial interest, issued by Ted Berman and Associates, LLC, dated 08/17/2015, signed and sealed by Theodore Berman, P.E.

G. OTHERS

1. None.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 21-1012.03
Expiration Date: October 6, 2026
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. Evidence submitted under NOA # 19-0411.04

A. DRAWINGS

1. Drawing No **RS1508-1**, titled “Wall Condenser Bracket”, sheets 1 through 4 of 4, dated 04/05/2019 and 08/26/2016, prepared by Ted Berman and Associates, LLC, signed and sealed by Theodore Berman, P. E. on 04/05/2019 and 09/07/2016.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

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 6th edition (2017) of the FBC and of no financial interest, issued by Ted Berman and Associates, LLC, dated 04/05/2019, signed and sealed by Theodore Berman, P.E.

G. OTHERS

1. None.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 21-1012.03
Expiration Date: October 6, 2026
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. New evidence submitted

A. DRAWINGS

1. Drawing No **08-03739**, titled “Hurricane Rated Wall Condenser Bracket”, sheets 1 through 4 of 4, dated 07/12/2021, prepared by L. Roberto Lomas, P.E., signed and sealed by Luis R. Lomas, P.E. on 12/02/2021.

B. TESTS

1. None.

C. CALCULATIONS

1. Anchor verification calculations, prepared by L. Roberto Lomas, P.E., dated 09/27/2021, signed and sealed by Luis R. Lomas, 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 and of no financial interest, issued by L. Roberto Lomas, P.E., dated 09/27/2021, signed and sealed by Luis R. Lomas, P.E.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 21-1012.03
Expiration Date: October 6, 2026
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REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	12/01/2021	R.L.

NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE INCLUDING THE HVHZ.
2. WIND LOAD DURATION FACTOR $C_d=1.6$ WAS USED FOR WOOD ANCHOR CALCULATIONS.
3. BRACKET MATERIAL: STEEL WITH $F_y=59\text{KSI}$, AISI 1045 STEEL OR BETTER.
4. FOR ANCHORING INTO WOOD FRAMING USE $1/4"$ LAG SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE A $2\ 1/2"$ MINIMUM EMBEDMENT INTO SUBSTRATE. LOCATE ANCHORS AS SHOWN IN ELEVATIONS AND INSTALLATION DETAILS.
5. FOR ANCHORING INTO MASONRY/CONCRETE USE $1/4"$ TAPCONS. LOCATE ANCHORS AS SHOWN IN ELEVATIONS INSTALLATION DETAILS.
6. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BELOW:
 - A. WOOD: MINIMUM SPECIFIC GRAVITY OF $G=0.42$
 - B. CONCRETE: MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI.
 - C. MASONRY: HOLLOW/FILLED BLOCK PER ASTM C90 WITH $F_m=2,000\text{PSI}$ MINIMUM.
7. ALL SCREWS AND FASTENERS SHALL BE CORROSION RESISTANT.

SIGNED: 12/02/2021

PRODUCT REVISED
as complying with the Florida
Building Code

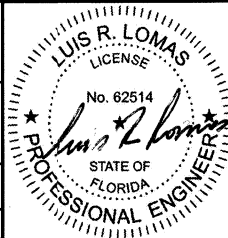
NOA-No. 21-1012.03

Expiration Date 10/06/2026

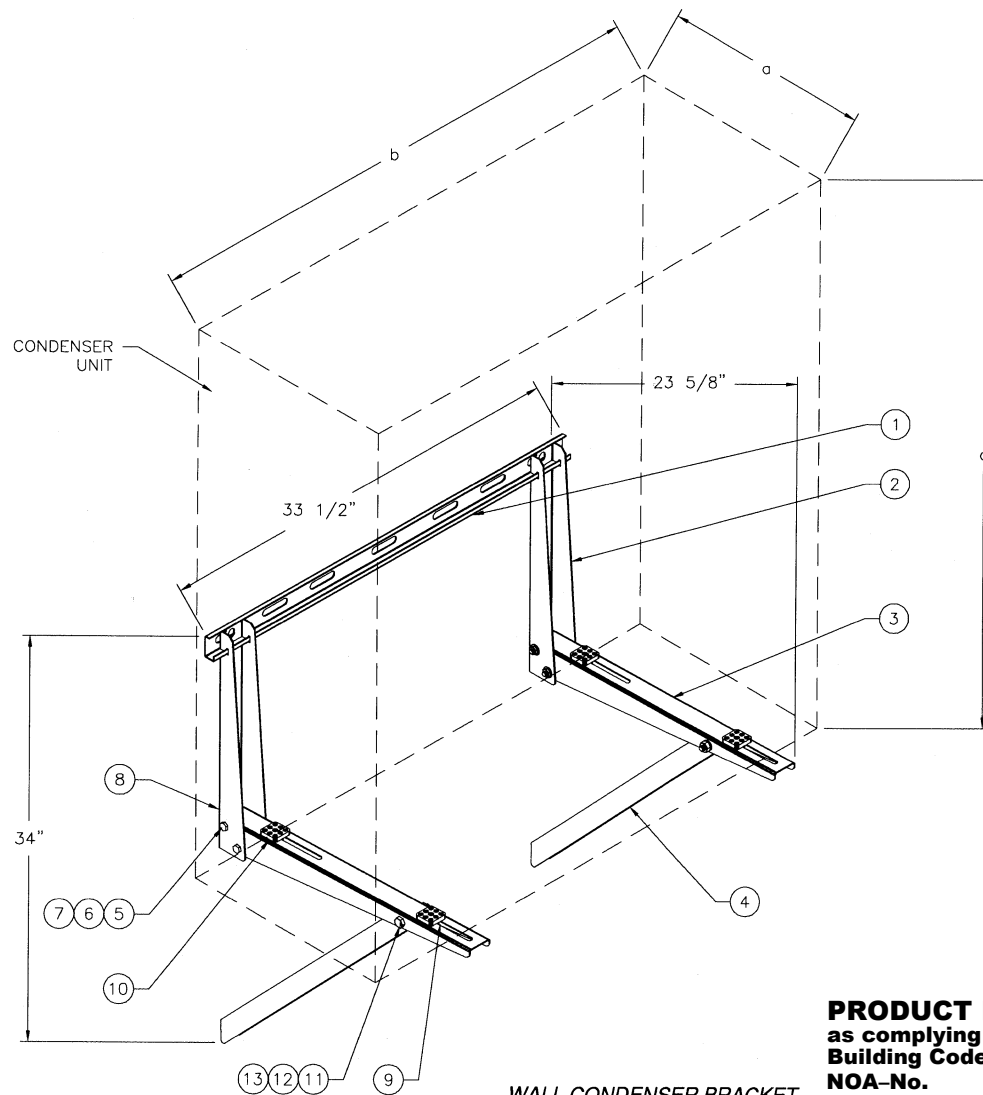
By *[Signature]*
Miami-Dade Product Control

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SHEET NO.	DESCRIPTION
1	NOTES
2	ELEVATION
3	INSTALLATION DETAILS
4	COMPONENTS

RECTORSEAL 2601 SPENWICK DRIVE HOUSTON, TX 77055			
HURRICANE RATED WALL CONDENSER BRACKET WBB500HR NOTES			
DRAWN: A.R.	DWG NO. 08-03739	REV A	
SCALE NTS	DATE 07/12/2021	SHEET 1 OF 4	
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com			



Luis R. Lomas P.E.
FL No.: 62514



WALL CONDENSER BRACKET

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 21-1012.03
Expiration Date 10/06/2026
By [Signature]
Miami-Dade Product Control

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER MD COMMENTS	12/01/2021	R.L.

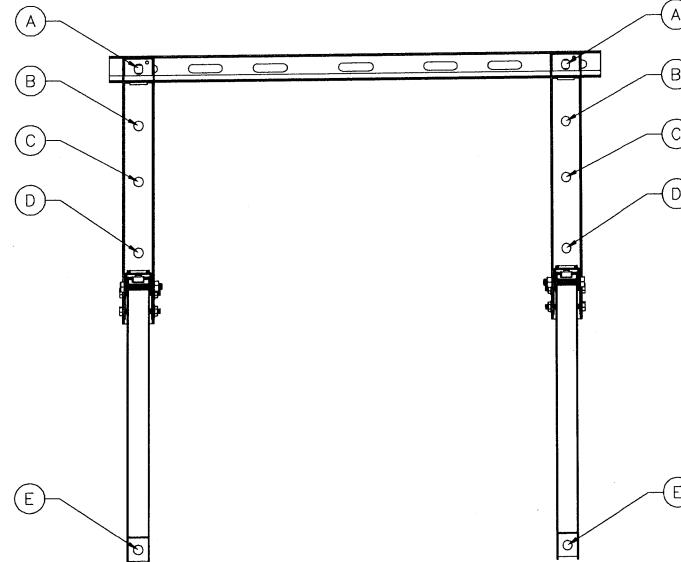
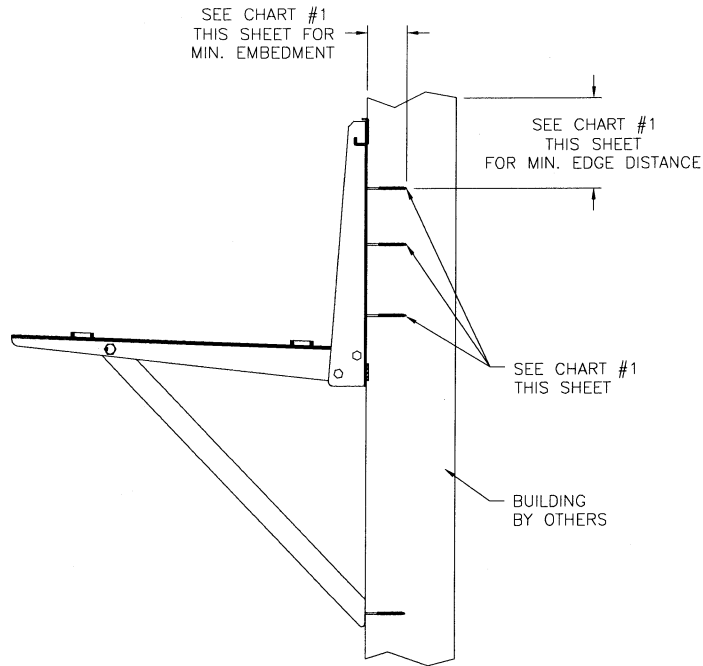
CONDENSER TO BE INSTALLED WITH BRACKET			
DIMENSION	BIG UNIT	MEDIUM UNIT	SMALL UNIT
a (in)	17"	12"	11"
b (in)	45"	34"	18"
c (in)	42"	35"	26"
Weight	500 lbs	318 lbs	150 lbs

BILL OF MATERIALS				
ITEM NO.:	DESCRIPTION	QUANTITY	MATERIAL	PART NUMBER
1	CROSS BAR	1	1045# G90 GALVANIZED STEEL 0.078" THICK	FAB00914
2	VERTICAL ARM	2	1045# G90 GALVANIZED STEEL 0.078" THICK	FAB00896
3	HORIZONTAL ARM	2	1045# G90 GALVANIZED STEEL 0.078" THICK	FAB00915
4	ANGLE ARM	2	1045# G90 GALVANIZED STEEL 0.078" THICK	FAB00920
5	M8 X 65 MM HH BOLT	4	GALVANIZED STEEL GRADE 4.8	STK00129
6	M8 FLAT WASHER 20MM OD 1.4MM THICK	4	GALVANIZED STEEL GRADE 4.8	STK00130
7	M8 LOCK NUT	4	GALVANIZED STEEL GRADE 4.8	STK00131
8	M8 ADJUSTMENT BOLT	2	GALVANIZED STEEL GRADE 4.8	ASB00190
9	CLEAN CLIP WITH NUT	4	PVC	ASB00189
10	RUBBER MOUNT	4	TPU/FLEXIBLE PVC	FAB00632
11	M10 X 65 MM HH BOLT	2	GALVANIZED STEEL GRADE 4.8	STK00195
12	M10 FLAT WASHER 20MM OD 2MM THICK	2	GALVANIZED STEEL GRADE 4.8	STK00194
13	M10 LOCK NUT	2	GALVANIZED STEEL GRADE 4.8	STK00196

SIGNED: 12/02/2021

RECTORSEAL 2601 SPENWICK DRIVE HOUSTON, TX 77055			
HURRICANE RATED WALL CONDENSER BRACKET WBB500HR ELEVATION			
DRAWN: A.R.	DWG NO. 08-03739	REV A	
SCALE NTS	DATE 07/12/2021	SHEET 2 OF 4	
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com			Luis R. Lomas P.E. FL No.: 62514

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
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ANCHORS LOCATIONS

NOTE:
OTHER ANCHORS MAY BE USED AS LONG AS
ANCHOR CAPACITIES EXCEED CAPACITIES SHOWN
IN CHART #1

PRODUCT REVISED
as complying with the Florida
Building Code

NOA-No. 21-1012.03

Expiration Date 10/06/2026

By *[Signature]*
Miami-Dade Product Control

SIGNED: 12/02/2021

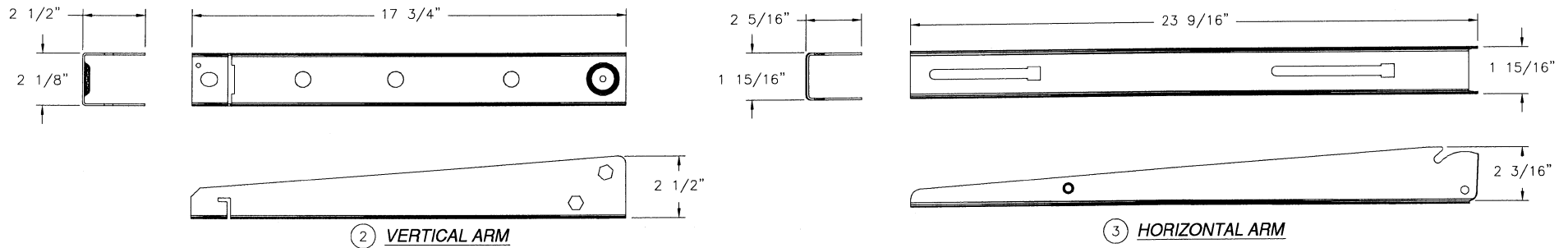
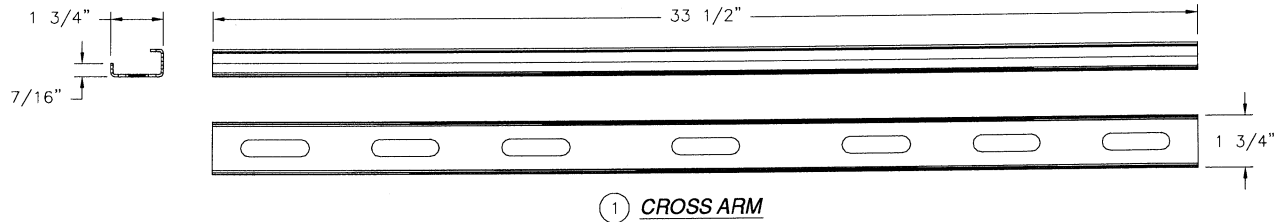
Chart #1									
SUBSTRATE	ANCHOR TYPE	# ANCHORS		ANCHOR CAPACITY		DESIGN PRESSURE (psf)	MIN. EDGE DISTANCE	MIN. EMBEDMENT	ANCHOR LOCATIONS
		PER LEG	TOTAL	TENSION (lbs)	SHEAR (lbs)				
Wood	1/4" Lag Screw	3	6	441	236	74.2	5/8"	2 1/2"	A, C & E
		4	8			112.5			A, B, D & E
		5	10			150.0			A, B, C, D & E
Hollow CMU	1/4" Tapcon	3	6	118	202	25.6	4	1 1/4"	A, C & E
		4	8			40.2			A, B, D & E
		5	10			54.7			A, B, C, D & E
Concrete or Grout filled CMU	1/4" Tapcon	3	6	443	421	113.9	3	1 3/4"	A, C & E
		4	8			150.0			A, B, D & E
		5	10			150.0			A, B, C, D & E

RECTORSEAL 2601 SPENWICK DRIVE HOUSTON, TX 77055		
HURRICANE RATED WALL CONDENSER BRACKET WBB500HR INSTALLATION DETAILS		
DRAWN: A.R.	DWG NO. 08-03739	REV A
SCALE NTS	DATE 07/12/2021	SHEET 3 OF 4
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rlomas@rlomaspe.com		

LUIS R. LOMAS
LICENSE
No. 62514
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Lu's R. Lomas P.E.
FL No.: 62514

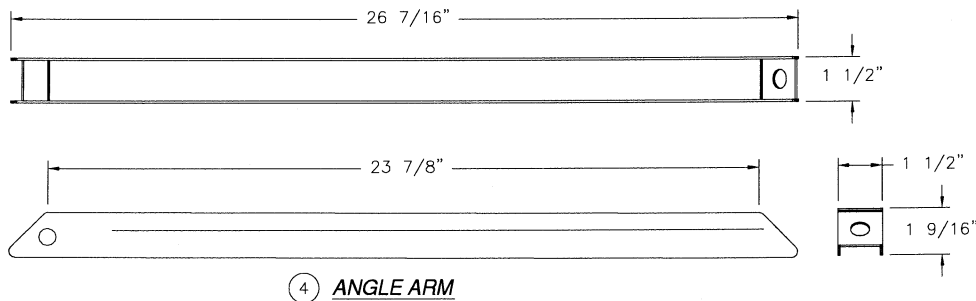
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as complying with the Florida
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By [Signature]
Miami-Dade Product Control

SIGNED: 12/02/2021



RECTORSEAL 2601 SPENWICK DRIVE HOUSTON, TX 77055			
HURRICANE RATED WALL CONDENSER BRACKET WBB500HR COMPONENTS			
DRAWN: A.R.	DWG NO. 08-03739	REV A	
SCALE NTS	DATE 07/12/2021	SHEET 4 OF 4	
L. ROBERTO LOMAS P.E. 1432 WOODFORD RD LEWISVILLE, NC 27023 434-688-0609 rllomas@rlomaspe.com			

LUIS R. LOMAS P.E.
FL No.: 62514