

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

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

NOTICE OF ACCEPTANCE (NOA)

Nortek Air Solutions PO Box 409, 106 North Industrial Blvd. Okarche, OK 73762

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 Division (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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "WF-2" Air Handling Unit

APPROVAL DOCUMENT: Drawing No. MD-2019.10.11, titled "Air Handling Unit, Series WF-2", sheets 1 through 11 of 11, prepared by Nortek Air Solutions, dated 08/19/19, Rev. A dated 05/17/21, signed and sealed by Robert J. Amoruso, P.E., on 05/17/21, bearing Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, City and State, and the 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 revise NOA #20-0630.02 and consists of this page 1, evidence submitted page E-1 as well as approval document mentioned above.

The submitted documentation was reviewed by Helmy A. Makar, P.E., M.S.

MIAMI-DADE COUNTY
APPROVED

Heg A. M. W 07/22/2021

NOA No. 21-0521.06 Expiration Date: 11/19/2025 Approval Date: 07/22/2021

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Nortek Air Solutions

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #20-0630.02

A. DRAWINGS

1. Drawing No. MD-2019.10.11, titled "Air Handling Unit, Series WF-2", sheets 1 through 11 of 11, prepared by Nortek Air Solutions, dated August 19, 2019, signed and sealed by Robert J. Amoruso, P.E., on August 25, 2020.

B. TESTS

1. Test report on Large Missile Impact Test per TAS 201, Cyclic Wind Pressure Test per TAS 203 and Uniform Static Air Pressure Test per TAS 202 and Tensile Strength of Metallic Materials per ASTM E 8 and Racking Test per ASTM E 72 of Air Handling Unit, Series WF-2, prepared by Intertek, Report No. K2391.01-801-18 R0, dated 05/15/2020, signed and sealed by Tyler Westerling, P.E.

C. CALCULATIONS

1. "Air Handling Unit, Series WF-2" is certified to be in compliance with the FBC, 2017 per letter prepared and signed and sealed by Robert J. Amoruso, P.E., dated 08/25/20.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. FBC, 2017 conformance letter, dated 08/25/20, signed, sealed by Robert J. Amoruso P.E.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. MD-2019.10.11, titled "Air Handling Unit, Series WF-2", sheets 1 through 11 of 11, prepared by Nortek Air Solutions, dated 08/19/19, Rev. A dated 05/17/21, signed and sealed by Robert J. Amoruso, P.E., on 05/17/21.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Department of Regulatory and Economic Resources.

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. FBC, 2020 conformance letter dated 05/17/21 signed & sealed by Robert Amoruso, P.E.

Helmy A. Makar, P.E., M.S. Product Control Section Supervisor

NOA No. 21-0521.06

Expiration Date: 11/19/2025 Approval Date: 07/22/2021

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE 7th EDITION (2020) FLORIDA BUILDING CODE..
- 2. ALL SUPPORTIVE STRUCTURE UNDER THE AIR HANDLING UNIT (AHU) SUCH AS CONCRETE OR STEEL STRUCTURE TO BE PROPERLY DESIGNED TO TRANSFER ALL LOADS TO SAID STRUCTURE. ANCHORING OF BASE TO BUILDING OR THIS STRUCTURE IS NOT PART OF THIS APPROVAL AND IS THE RESPONSIBILTY OF THE ARCHITECT OR ENGINEER OF RECORD.
- 3. ALL JOINTS OF STRUCTURAL STEEL MEMBERS ARE CONTINUOUSLY WELDED.
- (4.) UNIT BASE AS SHOWN IS COMPLETELY PRIMED AND PAINTED.
- 5.) INTERNAL FLOOR MEMBER SPACING ARE 16" (MAX).
- 6. AHU SIZE CAN VARY BUT SPACING OF TUBULAR STEEL FRAMEWORK NOT TO EXCEED MAXIMUM ROOF/FLOOR AND WALL PANEL WIDTH AS SHOWN ON SHEET 2.
- 7. DESIGN AND SIZE OF TUBULAR STEEL BASE/FRAMEWORK WILL VARY DEPENDING ON THE STRUCTURAL ADEQUACY REQUIRED.
- 8. SPRAY FOAM INSULATION THERMAL AND ACOUSTICAL PROPERTIES MEET 3 POUND DENSITY RATING.
- 9. STANDARD INNER LINER ARE SOLID 20ga. (.0396" MIN) STEEL, SST OR ALUMINUM WHICH MAY BE USED IN ANY COMBINATION AS MAY BE REQUIRED THROUGHOUT THE AHU CABINET.

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		PARTS LIST	
NO.	DESCRIPTION		MATERIAL/REFERENCE
1	BASE TUBE, 2x5x1/8 (MIN)		STEEL
2	INTERNAL CHANNEL, NO TABS, 3" FLANGE	E, 5" HIGH (MIN)	HR STEEL
3	INTERNAL CHANNEL, END TABS, 3" FLANG	GE, 5" HIGH (MIN)	HR STEEL
4	INTERNAL CHANNEL, END TABS, 5" HIGH	(MIN)	HR STEEL
5	GASKET, 1x1/4		PVC PSA
6	FOAM, SPRAY, 2 PART		
7	FLOOR, SHEET, INNER		STEEL, SST, HR STEEL, ALUMINUM
8	FLOOR, SHEET, OUTER		STEEL, SST, HR STEEL, ALUMINUM
9	LIFTING LUG		STEEL
10	EXTERIOR PANEL		STEEL, SST
11	INTERIOR LINER		STEEL, SST, ALUMINUM
12	SCREW, 1/4-14x2-3/4 TEK		STEEL
13	WALL/ROOF TUBE, CORNER, 1x2x14ga (M	IN)	STEEL
14	WALL/ROOF TUBE, 2x2x14ga (MIN)/2x3x1	/8 (MAX)	STEEL
15	DOOR JAMB FRAME		ALUMINUM
16	DOOR FRAME		ALUMINUM
17	DOOR EXTERIOR LINER 0.039" (MIN)		STEEL, SST
18	DOOR INTERIOR LINER 0.039" (MIN)		STEEL, SST, ALUMINUM
19	HINGE, HEAVY DUTY		STEEL
20	LATCH ASSEMBLY WITH HIGH PRESSURE	CATCH	
21	SCREW, #12x1 TEK		STEEL
22	ASSEMBLY, CORNER PANEL, TOP END		STEEL, SST
23	ASSEMBLY, CORNER PANEL, TOP SIDE		
24	ASSEMBLY, CORNER PANEL, VERTICAL SIL	DE	

REVISIONS				
REV. LEVEL	DESCRIPTION	BY	DATE	
Α	UPDATE TO 7TH EDITION (2020) FBC	RJA	5/17/2021	

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 21-05 21.06
Expiration Date 11/19/2025
By Helph Mely

MD-2019.10.11 1 of 11 A

BY DATE

DRAWN: 8/19/2019

106 N. INDUSTRIAL BLVD OKARCHE, OK 73762
PH: (405) 263-7286 FAX: (405) 263-4924

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DO NOT SCALE SCALE: SHEET SIZE: NO. AND 2010 10 11 SHEET: REV:

NO 49752

NO 49752

STATE OF

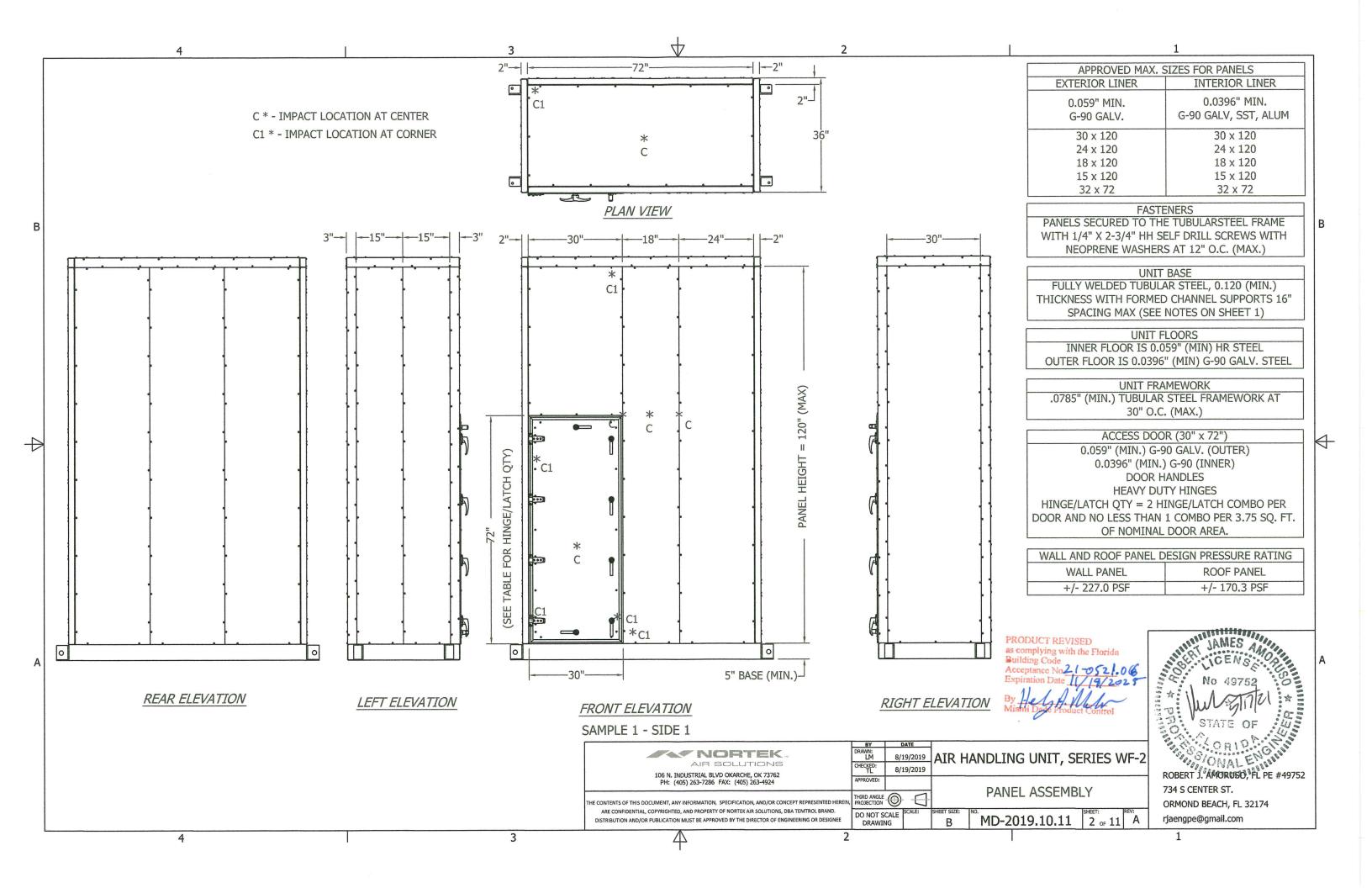
ROBERT J. AMORUSO, FL PE #49752

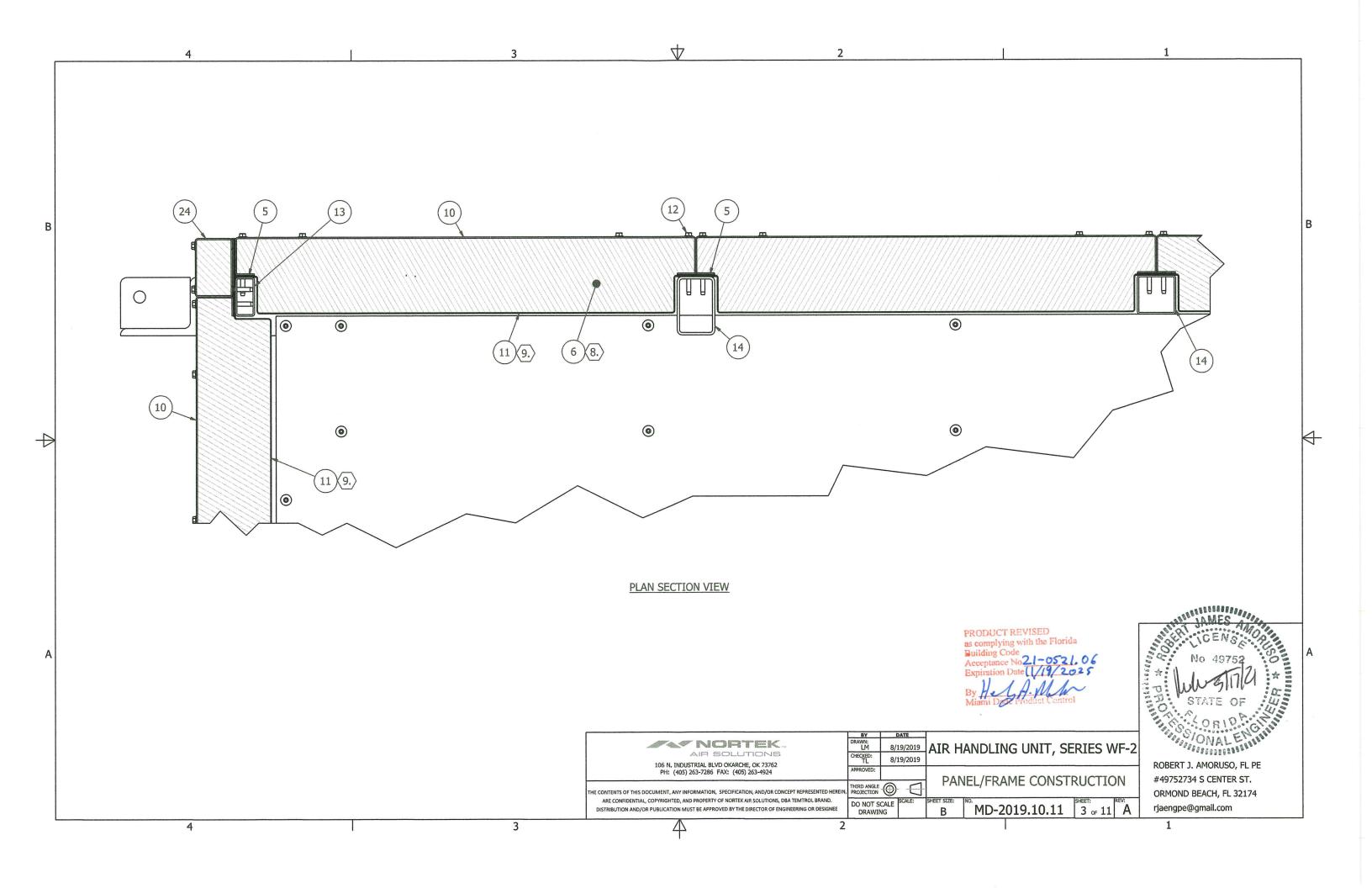
ROBERT J. AMORUSO, FL PE #49752 734 S CENTER ST. ORMOND BEACH, FL 32174

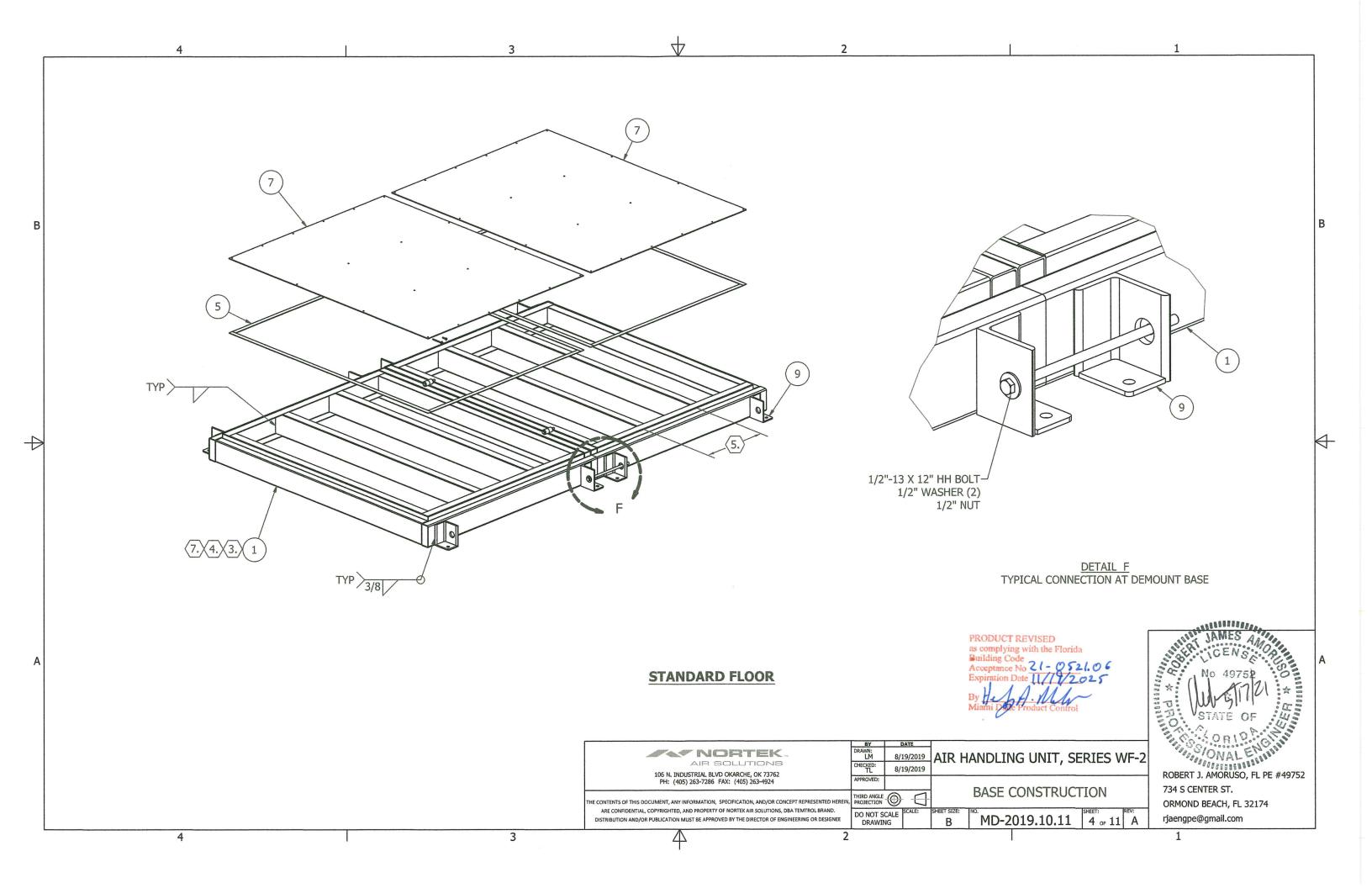
rjaengpe@gmail.com

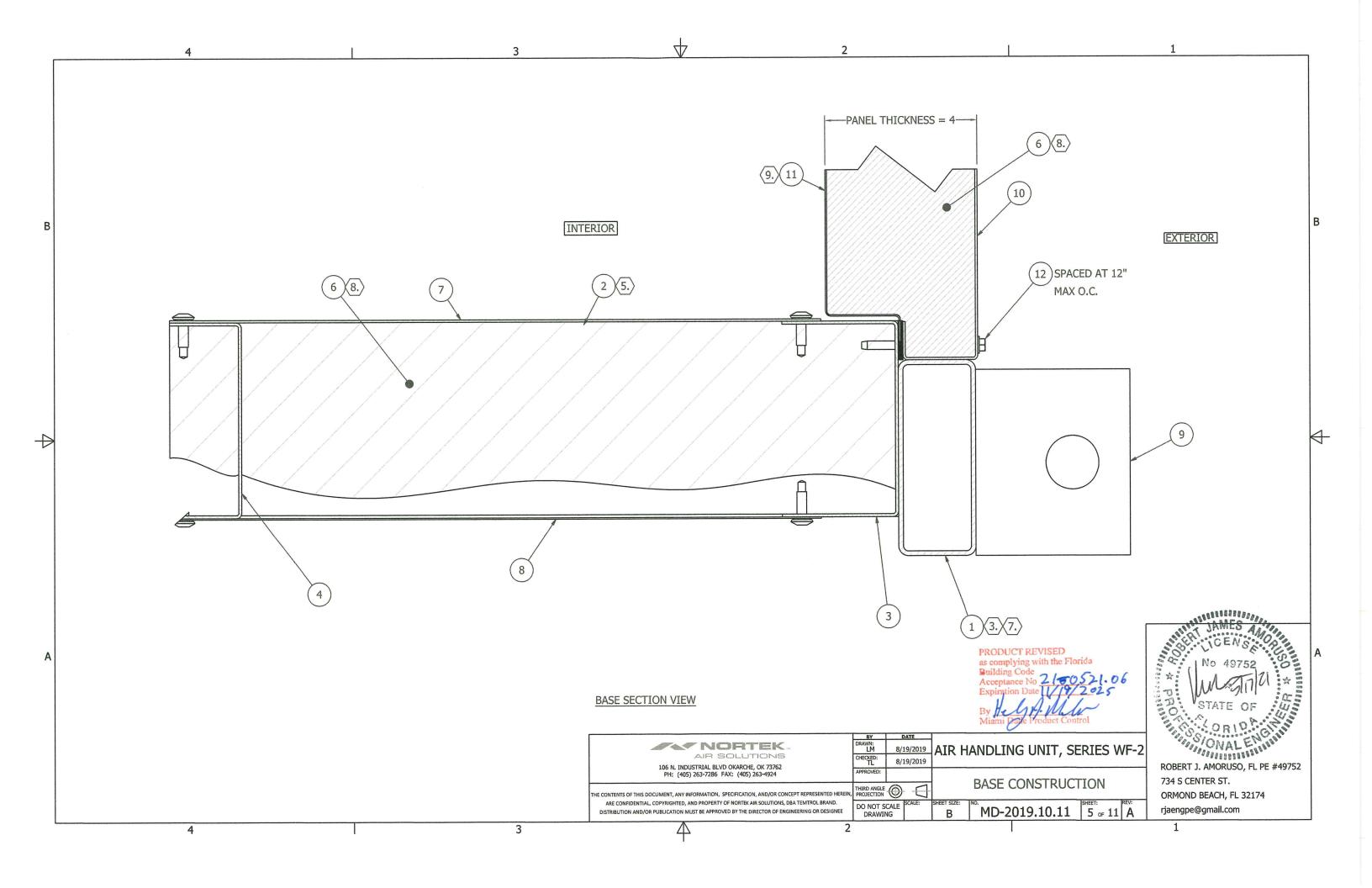
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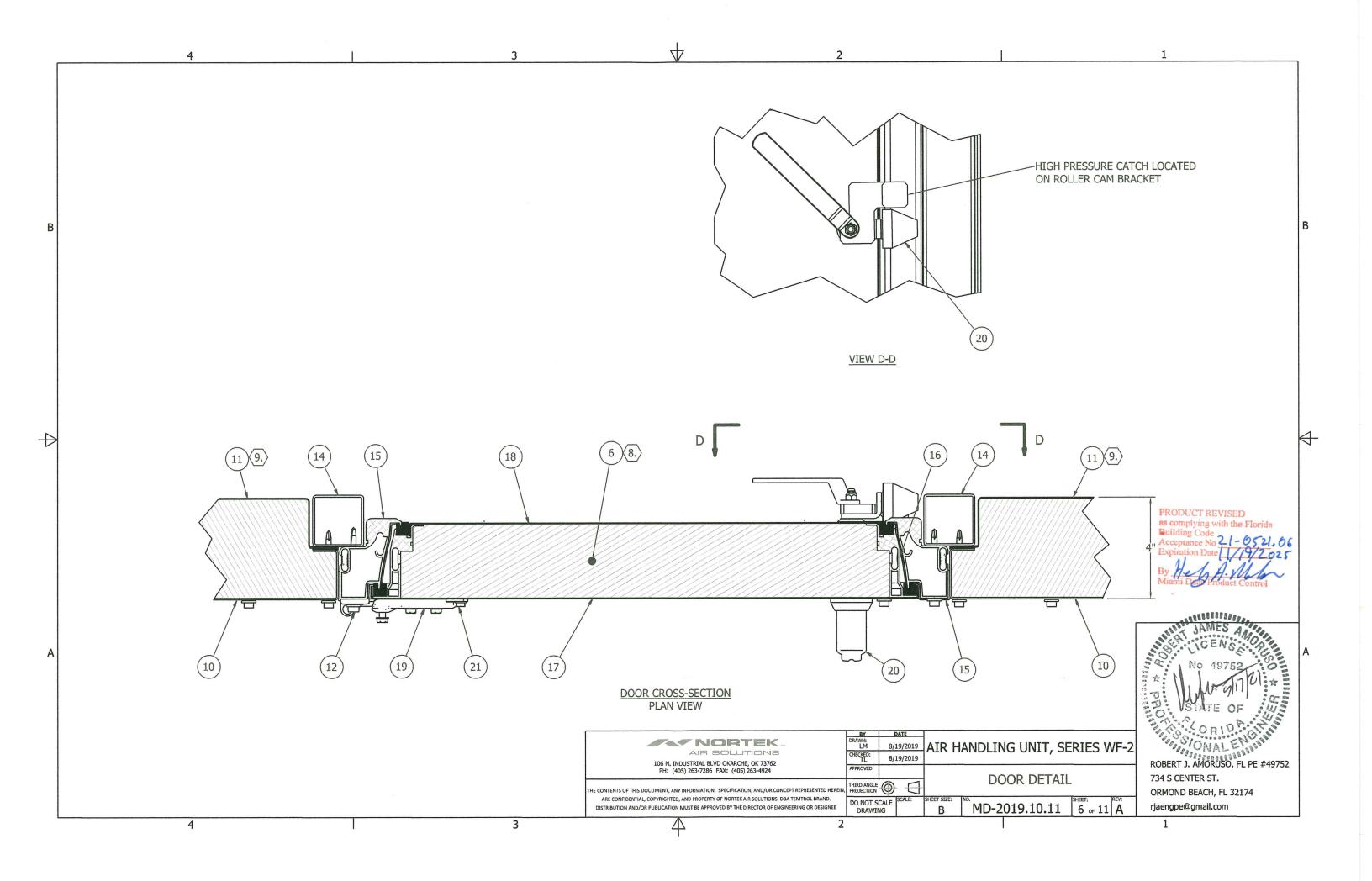
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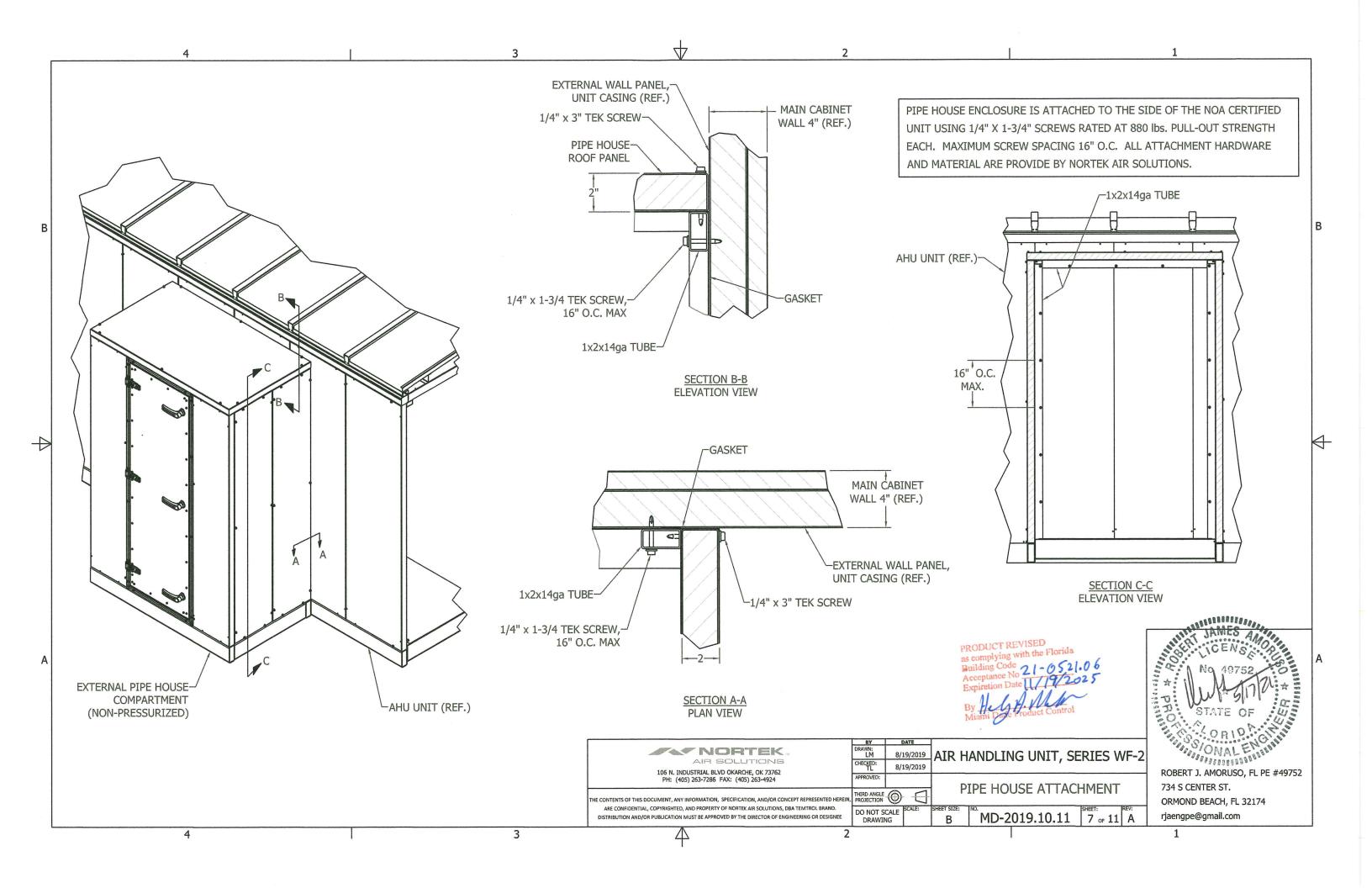


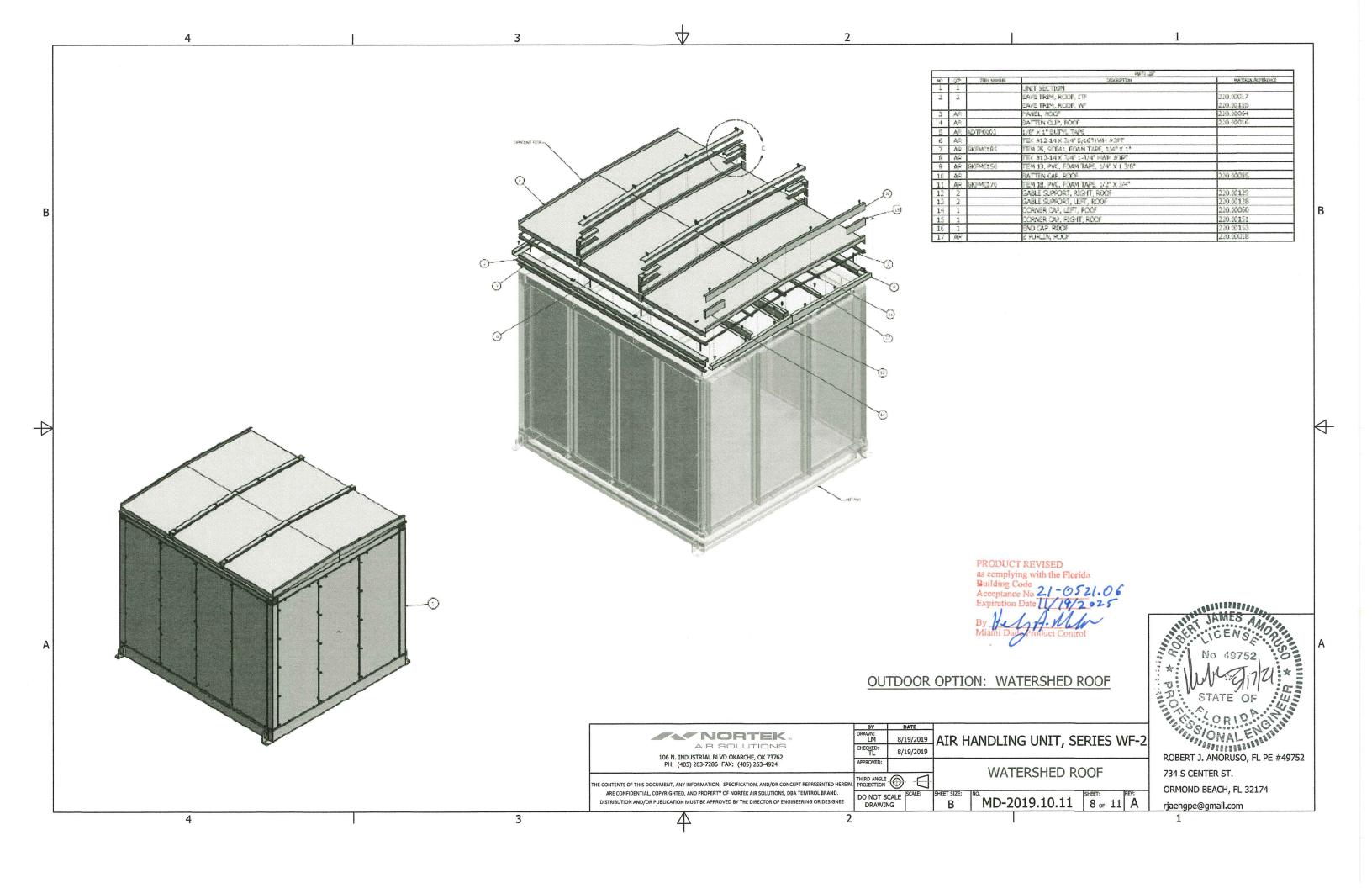










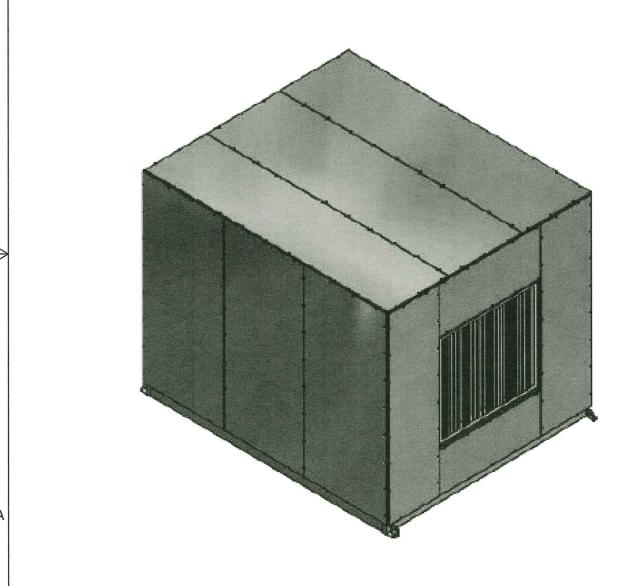


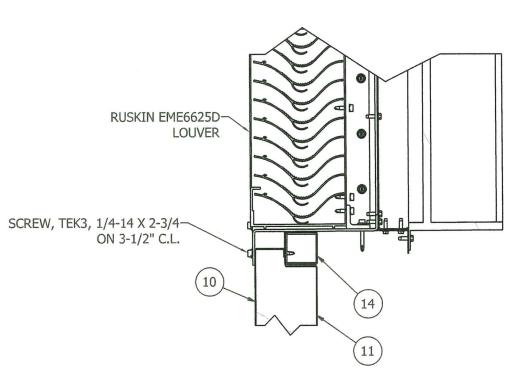
USE ONLY MIAMI DADE APPROVED LOUVER INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

NOA APPROVED RUSKIN LOUVER EME6625D (#20-0909.05 OR LATER). ATTACHMENT SHOWN BELOW.

LOUVER IS ATTACHED TO THE FRAME OF THE NOA CERTIFIED UNIT USING 1/4"-14 X 2-3/4" TEK SCREWS RATED AT 1145 LBS PULL OUT STRENGTH EACH.

ALL ATTCHMENT HARDWARE AND MATERIAL ARE PROVIDED BY NORTEK AIR SOLUTIONS.





PRODUCT REVISED

ROBERT J. AMORUSO, FL PE #49752 MD-2019.10.11 9 of 11 A rjaengpe@gmail.com

NORTEK RAWN: 8/19/2019 AIR HANDLING UNIT, SERIES WF-2 AIR SOLUTIONS 8/19/2019 106 N. INDUSTRIAL BLVD OKARCHE, OK 73762 PH: (405) 263-7286 FAX: (405) 263-4924 LOUVER ATTACHMENT THIRD ANGLE PROJECTION HE CONTENTS OF THIS DOCUMENT, ANY INFORMATION, SPECIFICATION, AND/OR CONCEPT REPRESENTED HERE ARE CONFIDENTIAL, COPYRIGHTED, AND PROPERTY OF NORTEK AIR SOLUTIONS, DBA TEMTROL BRAND. DO NOT SCALE DRAWING DISTRIBUTION AND/OR PUBLICATION MUST BE APPROVED BY THE DIRECTOR OF ENGINEERING OR DESIGNEE

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