



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)

Carrier Corporation
P.O. Box 4808
Syracuse, NY 13221

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: 39M Air Handling Units – Size 25 to 110W

APPROVAL DOCUMENT: Drawing No. 25-84946, titled "Carrier Air Handler: Size 25 to 110W", sheets 1 through 26 of 26, prepared by Engineering Express, dated February 14, 2020, last revised on April 21, 2025, signed and sealed by Frank L. Bennardo, P.E., on April 28, 2025, bearing the 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 unit shall bear a permanent label with the manufacturer's name or logo, Tijuana, Baja California, Mexico 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 **revises and renews** NOA #20-0224.01 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.**

Helmy A. Makar
05/29/25



NOA No. 25-0312.03
Expiration Date: 05/07/2030
Approval Date: 05/29/2025

Carrier Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #20-0224.01

A. DRAWINGS

1. *Drawing No. 16-3343.2, titled "39M Air Handling Units – Size 25 to 110W", sheets 1 through 26 of 26, prepared by Engineering Express, dated February 14, 2020, signed and sealed by Frank L. Bennardo, P.E., on February 17, 2020.*

B. TESTS

1. *Test reports on 1) Uniform Static Air Pressure Test, per FBC TAS 202-94 2) Large Missile Impact Test per FBC, TAS 201-94, 3) Cyclic Wind Pressure per FBC, TAS 203-94 along with marked-up drawings of Air Handling Unit, prepared by Intertek, Test Report No. 18964.02-525-18, dated 01/06/20, signed and sealed by Tyler Westerling, P.E., on 01/06/20.*

C. CALCULATIONS

1. *Calculations titled "39M Air Handling Units – Size 25 to 110W", pages 1 through 11 of 11, prepared by Engineering Express, dated 02/17/2020, signed and sealed by Frank L. Bennardo, P.E., on February 17, 2020.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *Die Drawings.*

F. STATEMENTS

Statement letter of conformance with FBC 2017 Edition, signed and sealed by Frank L. Bennardo, P.E., on February 17, 2020.

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 25-84946, titled "Carrier Air Handler: Size 25 to 110W", sheets 1 through 26 of 26, prepared by Engineering Express, dated February 14, 2020, last revised on April 21, 2025, signed and sealed by Frank L. Bennardo, P.E., on April 28, 2025.*

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. *Die Drawings.*

F. STATEMENTS

FBC 2023 Edition compliance letter, signed and sealed by Frank L. Bennardo, P.E., on April 07, 2025.


Helmy A. Makar, P.E., M.S.

Product Control Section Supervisor

NOA No. 25-0312.03

Expiration Date: 05/07/2030

Approval Date: 05/29/2025

c:\users\asus\desktop\mri\lnoa\25-84946 carrier noa renewal\work\2023 fbc\drawings & cad\lnoa 20-0224.01\20-0224.01b carrier 25w and larger noa.dwg 4/28/2025 9:17 AM ASUS

CARRIER CORPORATION

CARRIER AIR HANDLER: 25 TO 110W

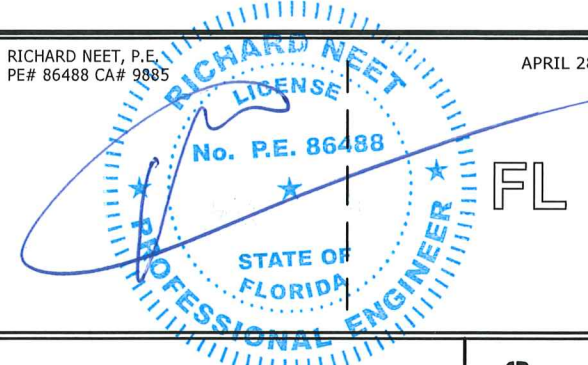
LARGE MISSILE IMPACT RATED (MISSILE LEVEL D)

VALID FOR USE INSIDE AND OUTSIDE THE HVHZ

THIS IS A NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. A DESIGN PROFESSIONAL SHALL BE RESPONSIBLE FOR CERTIFYING THE APPLICATION OF THIS INFORMATION TO ANY SITE-SPECIFIC LOCATION.

RICHARD NEET, P.E.
PE# 86488 CA# 9885

APRIL 28, 2025



DESIGN NOTES:

SITE-SPECIFIC PRESSURE REQUIREMENTS AS DETERMINED IN ACCORDANCE WITH ASCE 7-22 AND CHAPTER 16 OF THE FLORIDA BUILDING CODE SHALL BE LESS THAN OR EQUAL TO THE DESIGN PRESSURE CAPACITY VALUES LISTED HEREIN FOR ANY ASSEMBLY AS SHOWN. DESIGN PRESSURE REQUIREMENTS SHALL BE DETERMINED BY A REGISTERED DESIGN PROFESSIONAL ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE.

ALLOWABLE DESIGN PRESSURES		
COMPONENT	POSITIVE	NEGATIVE
WALL	55 PSF	45 PSF
ROOF	55 PSF	45 PSF

NOTE: PRESSURES LISTED ARE ALLOWABLE STRESS DESIGN (ASD) PRESSURES.

GENERAL NOTES:

- THIS SYSTEM HAS BEEN DESIGNED AND SHALL BE FABRICATED IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE EIGHTH EDITION (2023). THIS SYSTEM MAY BE USED WITHIN AND OUTSIDE THE HIGH VELOCITY HURRICANE ZONE.
- THIS SYSTEM HAS BEEN TESTED PER TAS 201, 202 & 203 PER TEST REPORT#18964.02-525-18 BY INTERTEK. THIS PRODUCT APPROVAL IS INTENDED TO CERTIFY THE STRUCTURAL CAPACITY AND LARGE MISSILE IMPACT RESISTANCE OF THE EXTERIOR CABINETRY ONLY. INTERIOR MECHANISMS AND ELECTRICAL COMPONENTS ARE NOT INCLUDED IN THIS CERTIFICATION. THIS SYSTEM HAS NOT BEEN TESTED FOR WATER INFILTRATION WHICH IS NOT INCLUDED IN THIS CERTIFICATION.
- ALL DIMENSIONS AND WEIGHTS OF THE MECHANICAL UNITS SHALL CONFORM TO LIMITATIONS STATED HEREIN. UNIT CONSTRUCTION DETAILS HEREIN ARE PER TESTED UNIT (110W); OTHER UNITS SPECIFIED HEREIN SHALL BE OF SIMILAR CONSTRUCTION. ALL MECHANICAL SPECIFICATIONS (CLEAR SPACE, TONNAGE, ETC.) SHALL BE AS PER MANUFACTURER RECOMMENDATIONS AND ARE THE EXPRESS RESPONSIBILITY OF THE CONTRACTOR.
- ALL FASTENERS/BOLTS SHALL BE #10 GRADE 5 STEEL OR EQUIVALENT U.N.O. PROVIDE (5) PITCHES MINIMUM PAST THE THREAD PLANE FOR SHEET METAL SCREWS U.N.O. ALL FASTENERS SHALL HAVE APPROPRIATE CORROSION PROTECTION TO PREVENT ELECTROLYSIS U.N.O. ALL FASTENER CONNECTIONS TO STEEL SHALL PROVIDE 2xDIAMETER EDGE DISTANCE AND 2xDIAMETER SPACING U.N.O.
- ANY ALUMINUM COMPONENTS (IF APPLICABLE) SHALL BE 6063-T6 ALUMINUM ONLY U.N.O.
- STEEL COMPONENTS SHALL BE 20GA MINIMUM THICKNESS WITH MINIMUM $F_y = 33\text{KSI}$, U.N.O.
- CONNECTIONS TO THE SUPPORTING FRAME OR HOST STRUCTURE (BY OTHERS) SHALL BE PER THE DETAILS HEREIN. PERFORMANCE OF HOST FRAME/STRUCTURE TO SUPPORT THE UNIT ASSEMBLY SHALL BE PER SEPARATE CERTIFICATION.
- THE CONTRACTOR IS RESPONSIBLE TO INSULATE ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS.
- ELECTRICAL GROUND, WHEN REQUIRED, TO BE DESIGNED & INSTALLED BY OTHERS.
- THE ADEQUACY OF ANY EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS SHALL BE VERIFIED BY THE ONSITE DESIGN PROFESSIONAL AND IS NOT INCLUDED IN THIS CERTIFICATION. EXCEPT AS EXPRESSLY PROVIDED HEREIN, NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED.
- THE SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
- WATER-TIGHTNESS OF EXISTING HOST SUBSTRATE SHALL BE THE FULL RESPONSIBILITY OF THE INSTALLING CONTRACTOR. CONTRACTOR SHALL ENSURE THAT ANY REMOVED OR ALTERED WATERPROOFING MEMBRANE IS RESTORED AFTER FABRICATION AND INSTALLATION OF STRUCTURE PROPOSED HEREIN. THIS ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY WATERPROOFING OR LEAKAGE ISSUES WHICH MAY OCCUR AS WATER-TIGHTNESS SHALL BE THE FULL RESPONSIBILITY OF THE INSTALLING CONTRACTOR.

ITEM NUMBER	PART NAME	QUANTITY
1	BASERAIL ASSY	12
2	FRAME ASSY	24
3	INT-CHANNELS-ASSY	27
4	BULKHEADS	7
5	PANEL ASSY	34
6	INSWING DOOR PANEL ASSY	1
7	OUTSWING DOOR ASSY	1
8	INSWING DOOR ASSY	1
9	DAMPER ASSY-SIDE	1
10	LOUVER	1
11	CHANNEL ASSY	1
12	DAMPER ASSY-INLET	1
13	HOOD ASSY	1
14	ROOF CAP ASSY	1

NOTE: COMPONENT QUANTITIES LISTED THIS TABLE ARE BASED ON TESTED ASSEMBLY (110W). FOR ALTERNATE UNIT SIZES, QUANTITIES MAY VARY. SEE INDIVIDUAL COMPONENT DETAILS FOR MATERIAL TYPES.

UNIT SIZE	HEIGHT *	WIDTH	LENGTH**	WEIGHT PER UNIT LENGTH
25W	54.107"	86.00"	60" - 900"	44.05 lbs/in
30W	54.107"	104.00"	60" - 900"	54.82 lbs/in
36W	65.107"	109.00"	60" - 900"	64.63 lbs/in
40W	71.107"	109.00"	60" - 900"	51.29 lbs/in
50W	81.107"	117.00"	60" - 900"	62.03 lbs/in
61W	96.107"	117.00"	60" - 900"	72.29 lbs/in
72W	107.00"	120.00"	60" - 900"	82.74 lbs/in
85W	107.00"	139.00"	60" - 900"	95.50 lbs/in
96W	120.00"	139.00"	60" - 900"	105.76 lbs/in
110W	120.00"	157.00"	60" - 900"	119.11 lbs/in
22T	78.00"	60.00"	60" - 900"	30.66 lbs/in

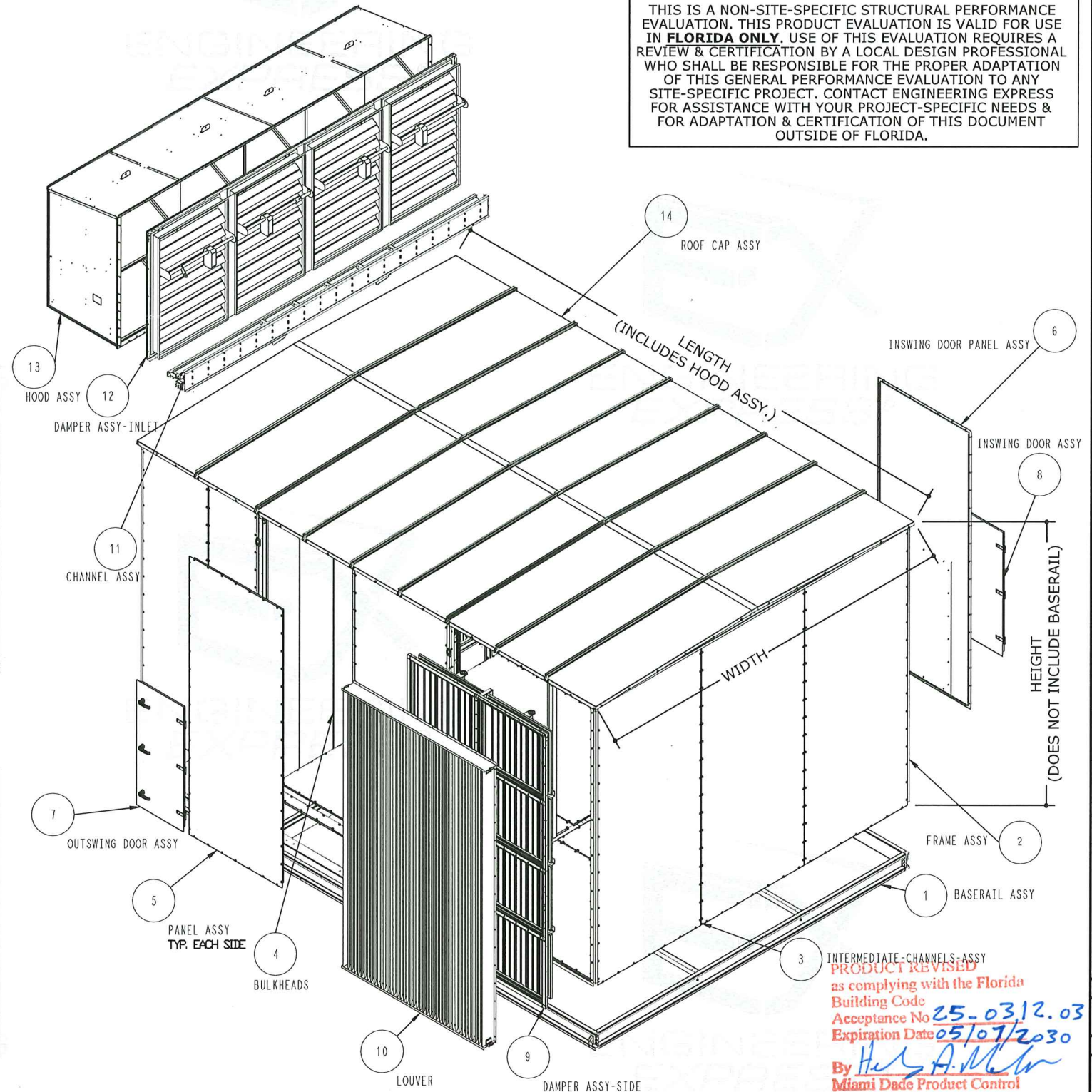
*NOTE: HEIGHT DIMENSION DOES NOT INCLUDE BASE RAIL HEIGHT.

**NOTE: LENGTH MAY VARY WITHIN THE SPECIFIED RANGE.

UNIT SIZE	HEIGHT *	WIDTH	LENGTH**	WEIGHT PER UNIT LENGTH
25T	83.00"	61.50"	60" - 900"	33.34 lbs/in
30T	83.00"	72.00"	72" - 900"	39.68 lbs/in
35T	86.00"	80.00"	72" - 900"	45.00 lbs/in
37T	107.00"	72.00"	72" - 900"	47.03 lbs/in
42T	101.00"	80.00"	72" - 900"	51.95 lbs/in
51T	101.00"	93.50"	72" - 900"	60.61 lbs/in
58T	104.00"	93.50"	72" - 900"	67.45 lbs/in
78T	132.00"	108.00"	90" - 900"	82.74 lbs/in
87T	138.00"	114.00"	90" - 900"	95.50 lbs/in
98T	132.00"	132.00"	90" - 900"	105.76 lbs/in
108T	138.00"	138.00"	90" - 900"	119.11 lbs/in

*NOTE: HEIGHT DIMENSION DOES NOT INCLUDE BASE RAIL HEIGHT.

**NOTE: LENGTH MAY VARY WITHIN THE SPECIFIED RANGE.



NOTE REGARDING USE OF THIS DOCUMENT & USE OUTSIDE FLORIDA:

THIS IS A NON-SITE-SPECIFIC STRUCTURAL PERFORMANCE EVALUATION. THIS PRODUCT EVALUATION IS VALID FOR USE IN **FLORIDA ONLY**. USE OF THIS EVALUATION REQUIRES A REVIEW & CERTIFICATION BY A LOCAL DESIGN PROFESSIONAL WHO SHALL BE RESPONSIBLE FOR THE PROPER ADAPTATION OF THIS GENERAL PERFORMANCE EVALUATION TO ANY SITE-SPECIFIC PROJECT. CONTACT ENGINEERING EXPRESS FOR ASSISTANCE WITH YOUR PROJECT-SPECIFIC NEEDS & FOR ADAPTATION & CERTIFICATION OF THIS DOCUMENT OUTSIDE OF FLORIDA.

ENGINEERING EXPRESS

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BOCA RATON, FL 33431
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CARRIER CORPORATION

6304 CARRIER PARKWAY
SYRACUSE, NY
(800) 227-7437

CARRIER AIR HANDLER: 25 TO 110W
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

REMARKS	DATE	DRWN	CHKD
INIT ISSUE	02/14/20	EPR	RVN
2023 FBC UPDATE	04/21/25	MARH	RVN

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25-84946

SCALE: NTS UNLESS NOTED

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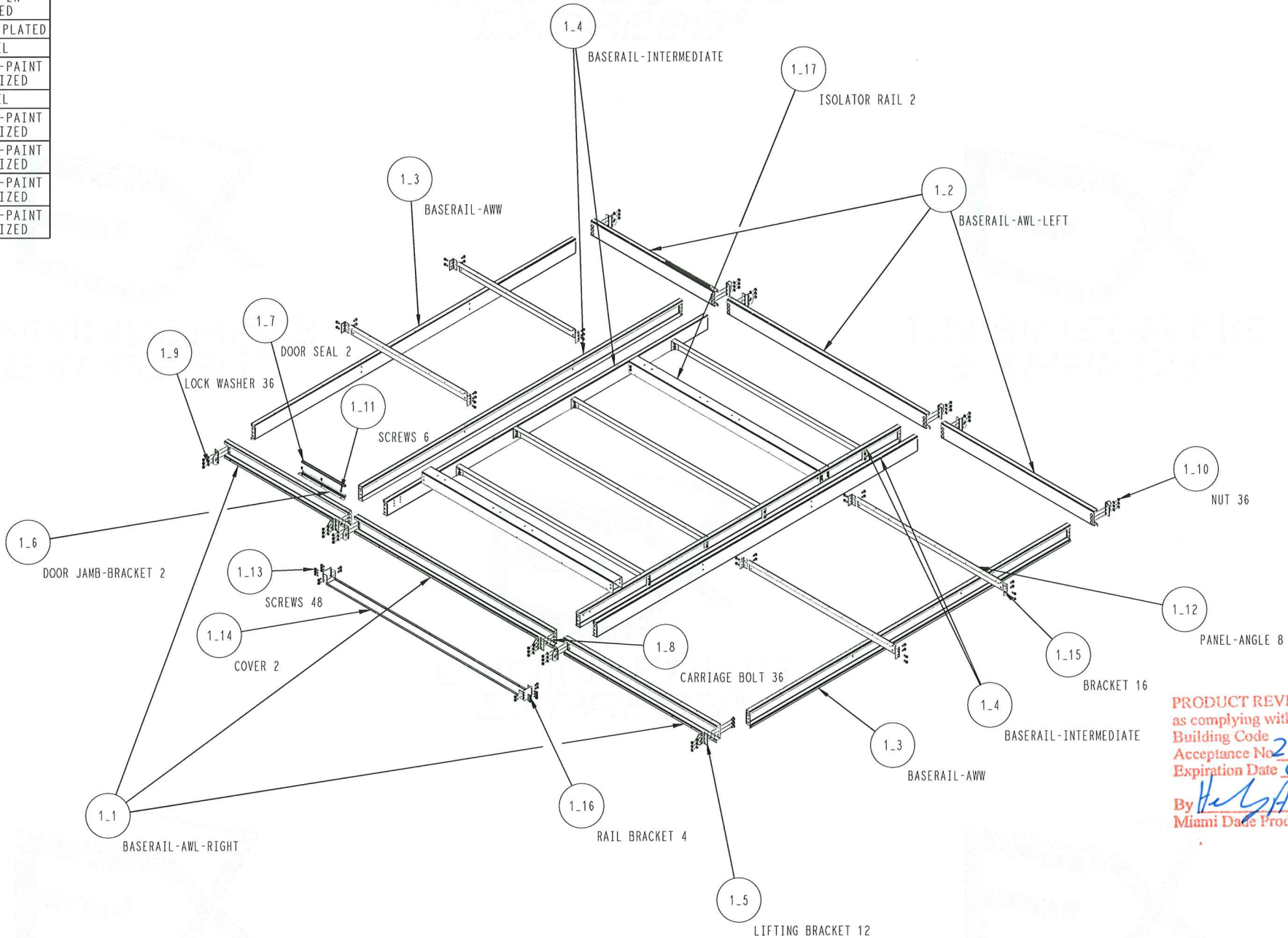
26

INTERMEDIATE-CHANNELS-ASSY
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **25-0312.03**
Expiration Date **05/07/2030**
By *H. A. Miller*
Miami Dade Product Control

4/28/2025 9:17 AM ASUS c:\users\asus\desktop\m\noa\25-84946 carrier noa renewal\work\2023 fbc\drawings & cad\noa 20-0224.01\20-0224.01b carrier 25w and larger noa.dwg

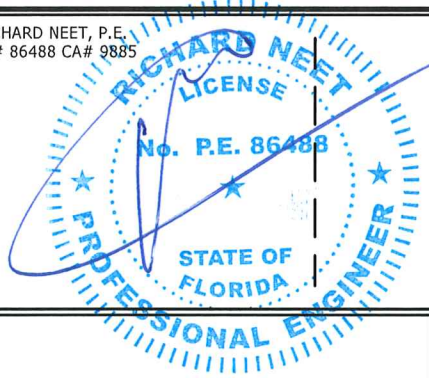
ITEM NUMBER	PART NAME	PART NUMBER	DESCRIPTION	MATERIAL
1_1	BASERAIL-AWL-RIGHT	-	-	14GA PRE-PAINT GALVANIZED
1_2	BASERAIL-AWL-LEFT	-	-	
1_3	BASERAIL-AWW	-	-	
1_4	BASERAIL-INTERMEDIATE	-	-	
1_5	LIFTING BRACKET	39MA50000122	-	
1_6	DOOR JAMB-BRACKET	39MA50076700	-	16GA PRE-PAINT GALVANIZED
1_7	DOOR SEAL	-	LENGTH = 30.45"	RUBBER
1_8	CARRIAGE BOLT	AH20AB286	1/2-13 X 1.00	STEEL PER ASTM 307 GRADE 5
1_9	LOCK WASHER	AU29AS301	1/2 ZINC COAT STL	CARBON STEEL, CD. OR ZN PLATED
1_10	NUT	AT39AB301	1/2-13, HEX	STEEL, ZN PLATED
1_11	SCREW	AL48AM307	1/4-14 X 3/4 LG	STEEL
1_12	PANEL-ANGLE	-	-	16GA PRE-PAINT GALVANIZED
1_13	SCREW	AL82AZ232	3/8-16 X 1.25 LG	STEEL
1_14	COVER	-	-	16GA PRE-PAINT GALVANIZED
1_15	BRACKET	39MA50000074	SZ72-110	12GA PRE-PAINT GALVANIZED
1_16	RAIL BRACKET	39MA50060901	6" ISO RAIL FUL L/R	10GA PRE-PAINT GALVANIZED
1_17	ISOLATOR RAIL	-	-	16GA PRE-PAINT GALVANIZED

•AWL - AIR WAY LENGTH
•AWW - AIR WAY WIDTH



RICHARD NEET, P.E.
PE# 86488 CA# 9885

APRIL 28, 2025



FL

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CARRIER CORPORATION

6304 CARRIER PARKWAY
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(800) 227-7437

CARRIER AIR HANDLER: 25 TO 110W
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 25-0312.03
Expiration Date 05/07/2030
By [Signature]
Miami Dade Product Control

REMARKS	DRWN	CHKD	DATE
INIT ISSUE	EPR	IRVN	02/14/20
2023 FBC UPDATE	MAFH	IRVN	04/21/25

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25-84946

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OF 26

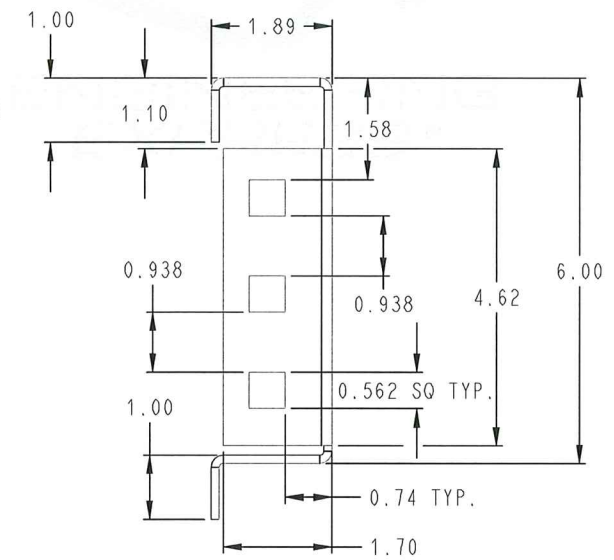
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		ITEM NUMBER	A	B	C	D	E	F
INLET SECTION	BASERAIL-AWW-IN	1_3	-	-	-	50.26	51.703	7.710
OUTLET SECTION	BASERAIL-AWW-OUT	1_3	3.86	14	11.192	76.11	-	7.705

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CARRIER AIR HANDLER: 25 TO 110W
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)



Technical drawing of a cylindrical part. The drawing shows a side view of a cylinder with a diameter of $\varnothing 0.219$ TYP. The length of the cylinder is 1.000. The distance from the center of the cylinder to the center of the hole is 0.98 TYP. The hole has a diameter of $\varnothing 0.219$ TYP. The drawing is labeled with dimensions and a typicality symbol (TYP.).

Technical drawing of a barrel with dimensions: $\varnothing 0.437$ TYP., 3.36, 2.138.

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as complying with the Florida
Building Code
Acceptance No 25-0312.03
Expiration Date 05/07/2030
By Hely A. Miller
Miami-Dade Product Control

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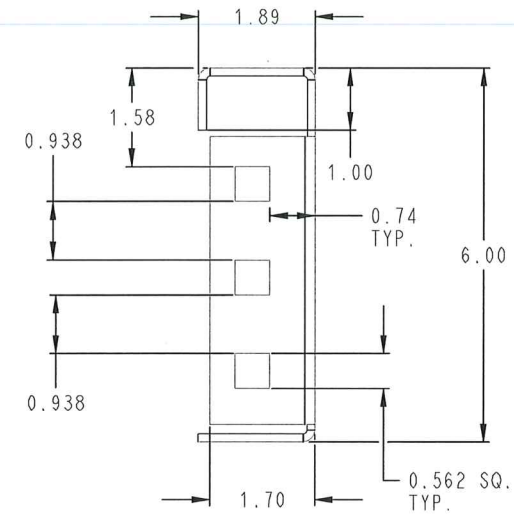
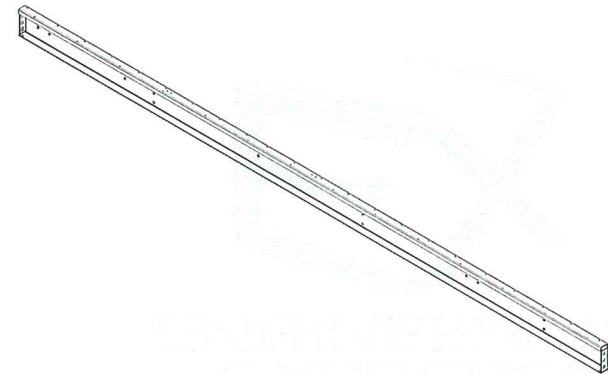
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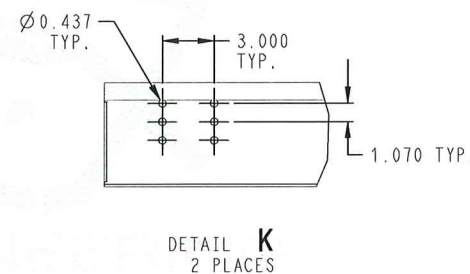
CARRIER CORPORATION
6304 CARRIER PARKWAY

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FLORIDA BUILDING CODE EIGHTH EDITION (2023)
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)



DETAIL H



PRODUCT REVISED
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Acceptance No 25-0312-03
Expiration Date 05/07/2030
By H. A. Mc
Miami Dade Product Control!

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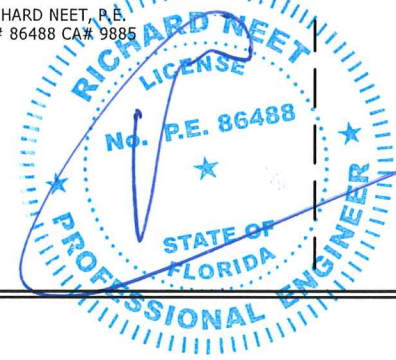
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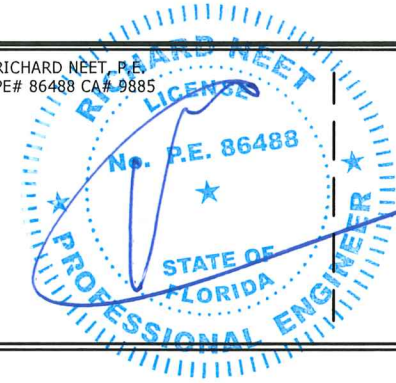


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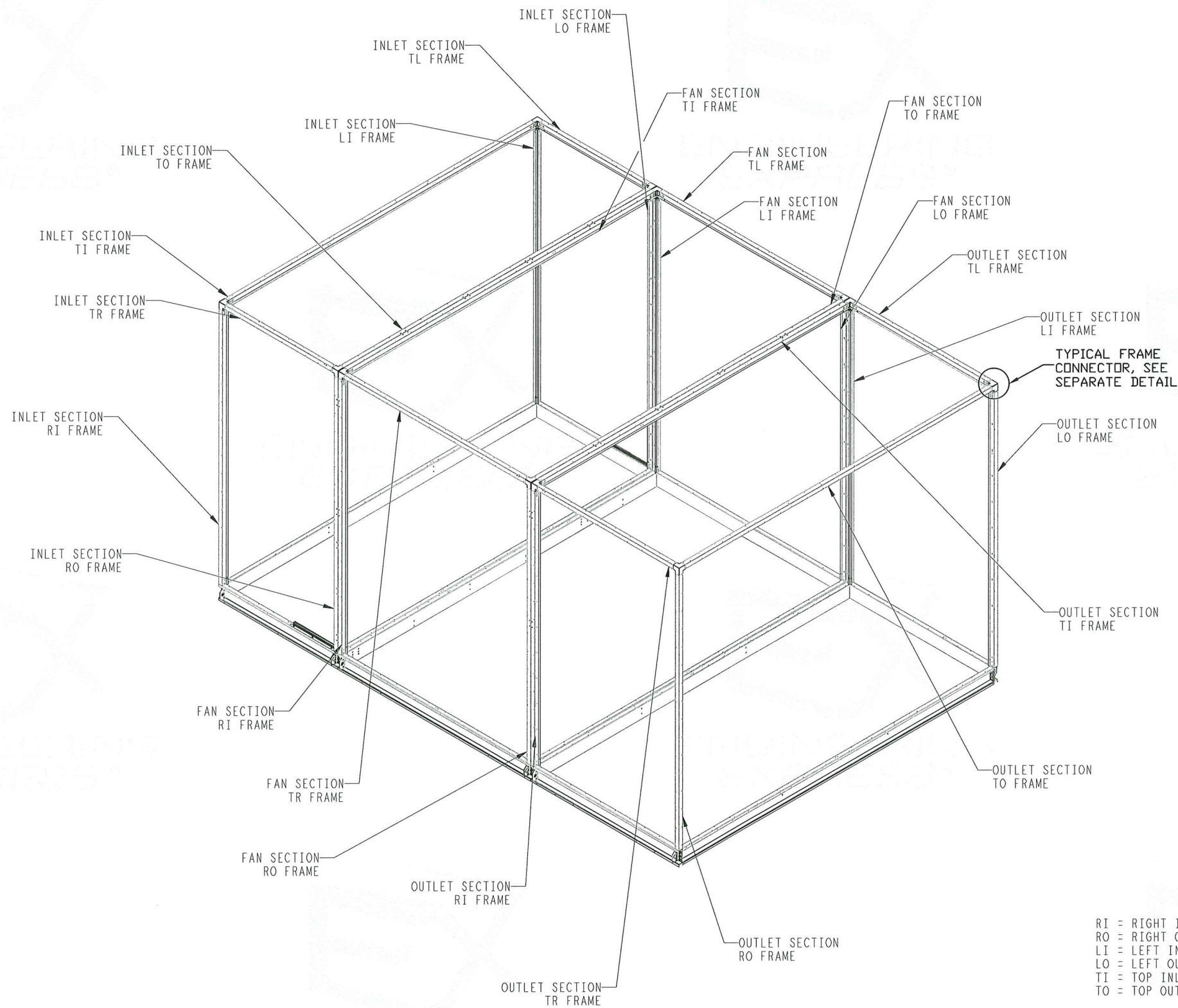
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FRAME ASSY. DETAILS (ITEM #2)



FL



RI = RIGHT INLET
RO = RIGHT OUTLET
LI = LEFT INLET
LO = LEFT OUTLET
TI = TOP INLET
TO = TOP OUTLET

PRODUCT REVISED
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By *Healy A. Miller*
Miami Dade Product Control



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CARRIER AIR HANDLER: 25 TO 110W
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
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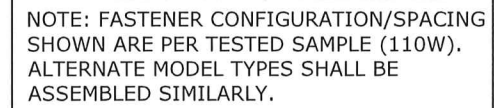
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26

A circular blue ink seal for a Professional Engineer in the State of Florida. The seal contains the text "RICHARD WEET" at the top, "LICENSE" in the center, and "No. P.E. 86485" below it. The words "STATE OF FLORIDA" and "PROFESSIONAL ENGINEER" are written around the bottom half of the seal. A blue ink signature is written over the seal, and a vertical dashed line is drawn to the right of it.

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PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 25-0312.03
Expiration Date 05/07/2030
By: *Healy A. Mohr*
Miami Date Product Control

CARRIER CORPORATION
6304 CARRIER PARKWAY

SYRACUSE, NY
(800) 227-7437

CARRIER AIR HANDLER, 25 TO 110W
FLORIDA BUILDING CODE EIGHTH EDITION (2023)
MIAMI-DADE COUNTY NOTICE OF ACCEPTANCE (NOA)

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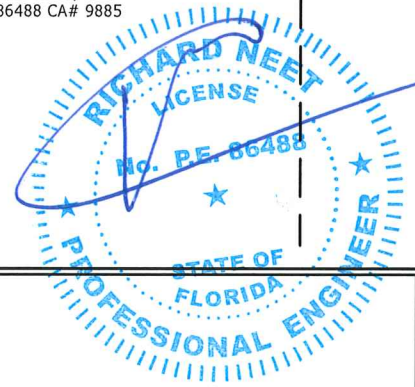
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25-84946

SCALE: NTS UNLESS NOTED

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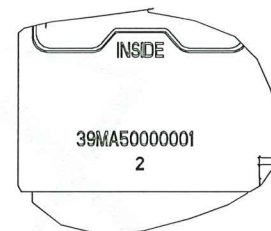
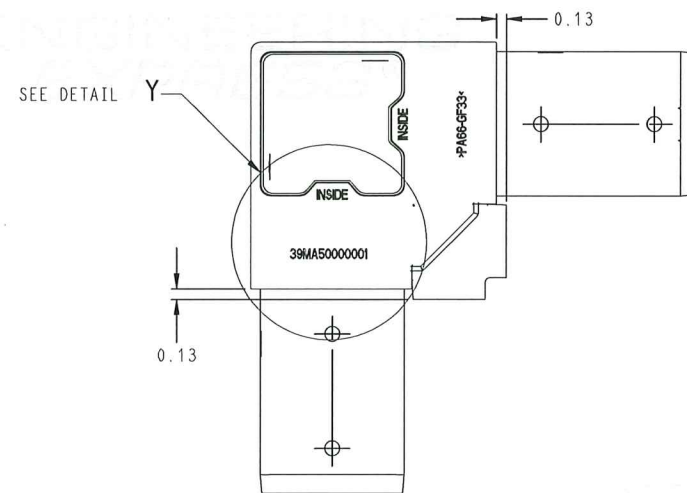


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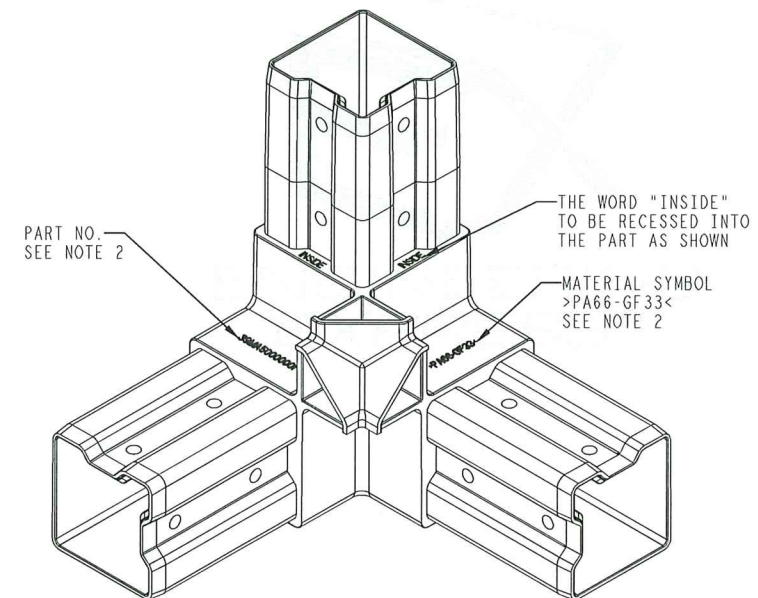
NOTES: 1. MATERIAL: NYLON 6/6 33% GLASS FILLED COLOR BLACK. MATERIAL MUST COMPLY WITH ENGINEERING STANDARD RT02-133.

2. PART NUMBER, MOLD NUMBER (IF USED), AND MATERIAL NUMBER TO BE MOLDED INTO PART AS RAISED LETTERS. MATERIAL SYMBOL MUST COMPLY WITH ENGINEERING STANDARD MTL-DRRQ.001. IF MOLD NUMBER 2 IS USED TO MANUFACTURE PART, THEN MOLD ID MARK "2" MUST BE APPLIED UNDER THE PART NUMBER AS SHOWN IN DETAIL A.

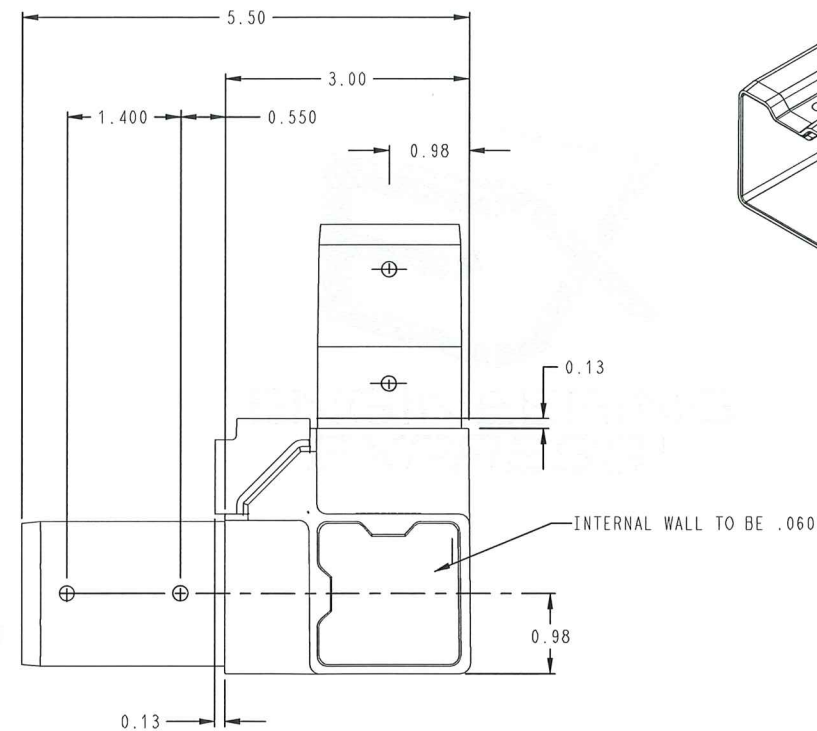
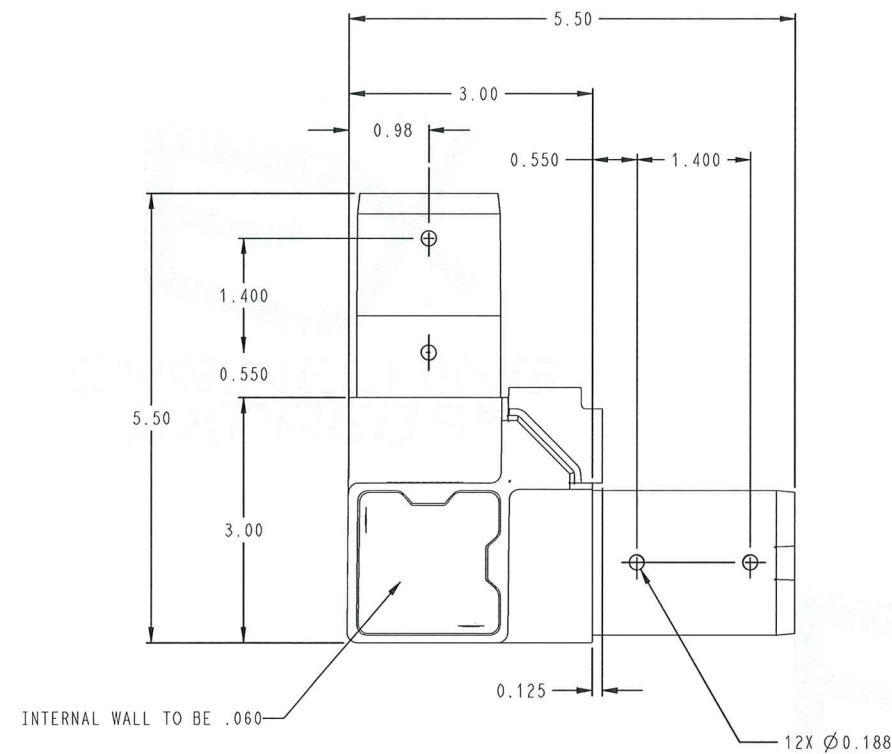
3. PRO/E FILE TO BE USED FOR DIMENSIONAL CHECKS. THE DRAWING IS A REFERENCE DRAWING ONLY TO BE USED FOR CHECKING CRITICAL DIMENSIONS.



SEE NOTE 2
DETAIL Y



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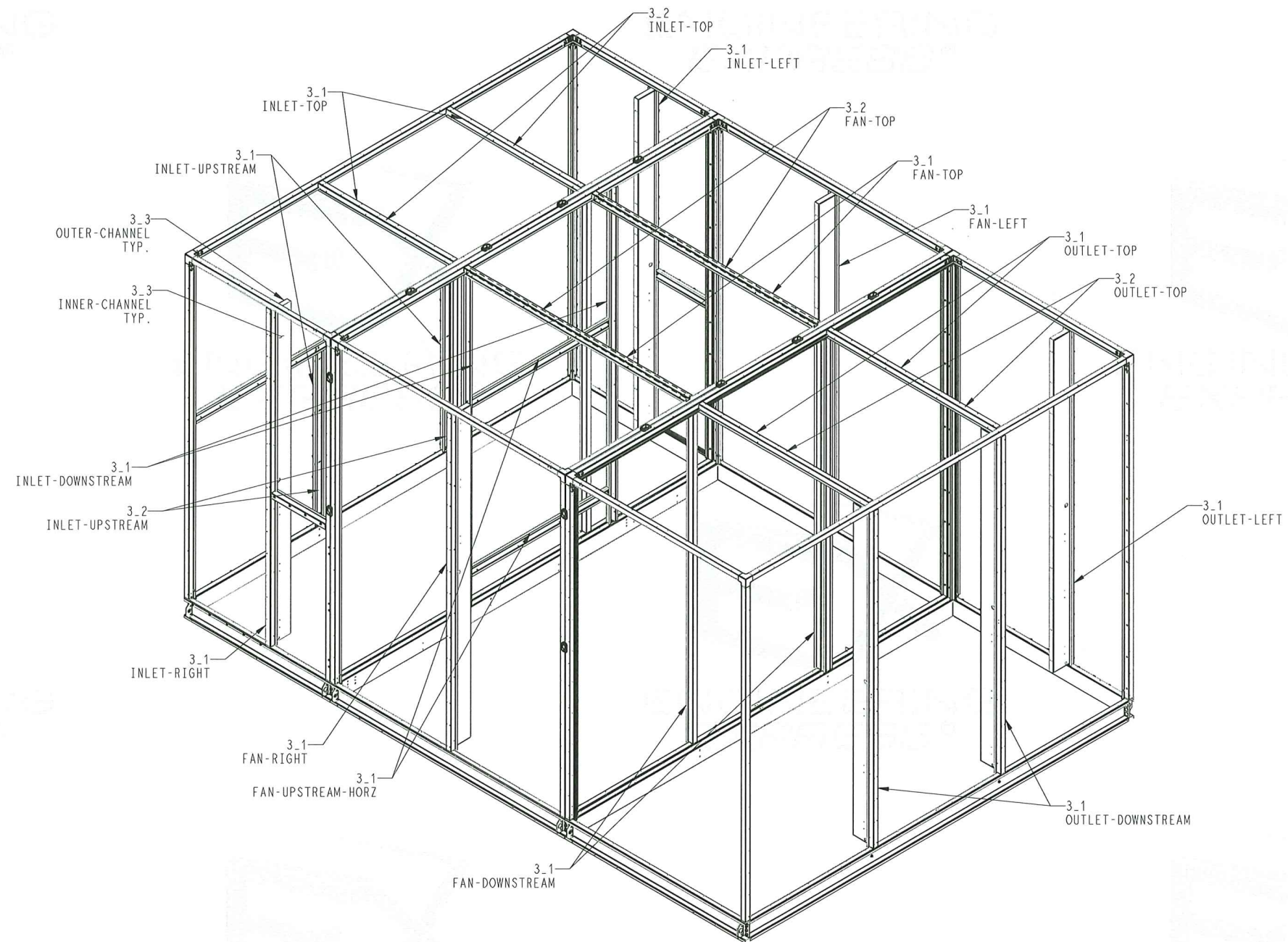
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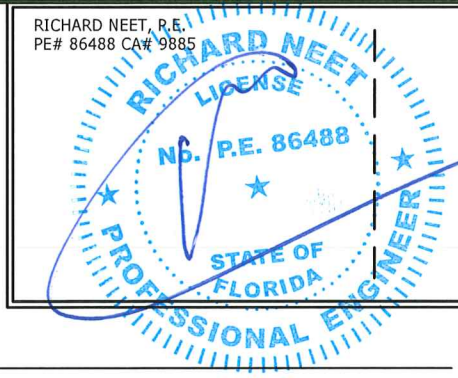
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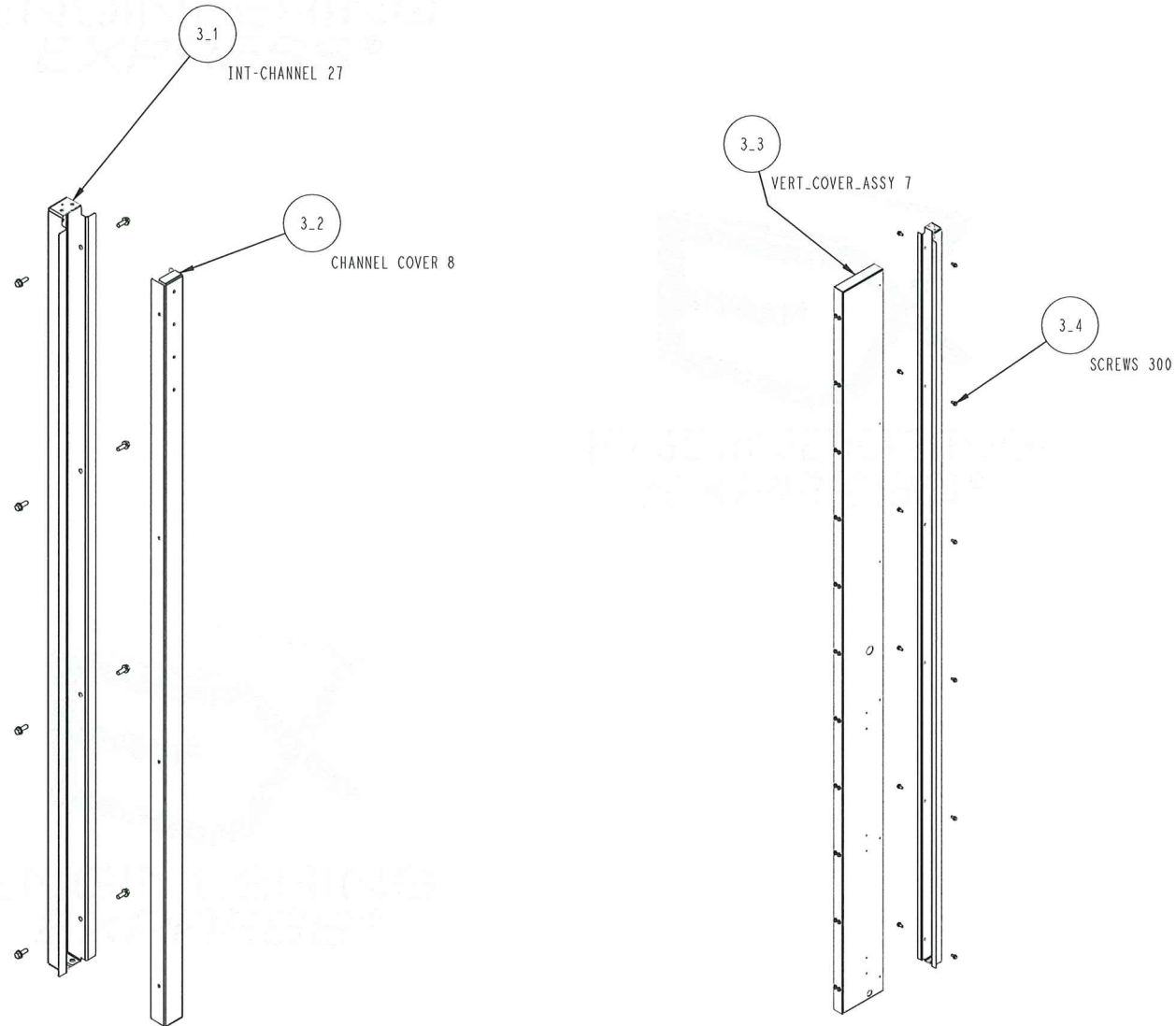
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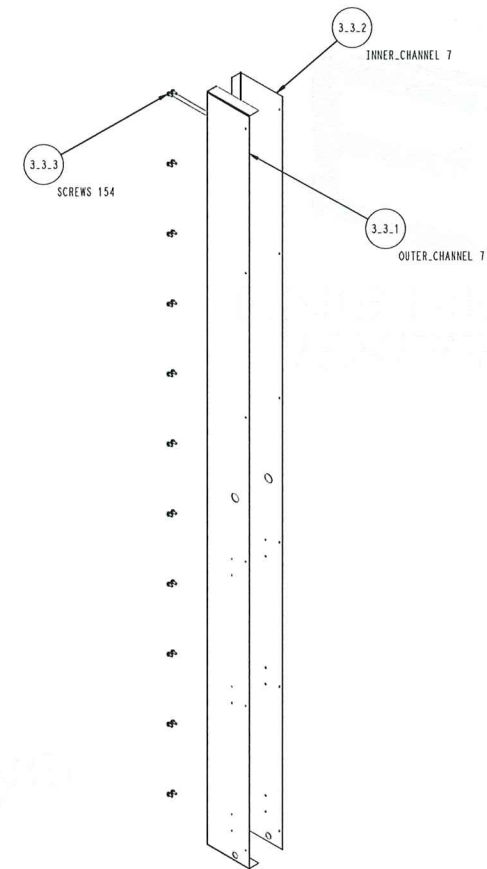
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ITEM NUMBER	PART NAME	PART NUMBER	DESCRIPTION	MATERIAL
3_1	INT-CHANNEL	-	-	16 GA PRE-PAINT GALVANIZED
3_2	CHANNEL COVER	-	-	
3_3	VERT-COVER-ASSY	-	-	-
3_4	SCREWS	AL48AM308	1/4-14 X 3/4 LG	STEEL

VERTICAL COVER ASSY. DETAILS (ITEM #3-3)



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ITEM NUMBER	PART NAME	PART NUMBER	DESCRIPTION	MATERIAL
3.3.1	OUTER_CHANNEL	-	-	16GA PRE-PAINT GALVANIZED
3.3.2	INNER_CHANNEL	-	-	
3.3.3	SCREWS	AL48AM307	1/4 X 5/8	STEEL

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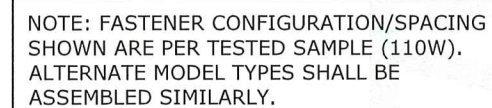
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PANEL ASSY. DETAILS (ITEM #5)

Diagram illustrating the components of a roof assembly, showing an exploded view of the layers and fasteners.

Components and Callouts:

- 5-1 OUTER SKIN 34
- 5-2 INNER SKIN 34
- 5-3 TB HOR 68
- 5-4 TB VER 68
- 5-5 FOAM 34
- 5-6 SCREWS 1194
- 5-7 GASKET

Additional text in the top left corner:

SPACING
(10W).

Additional text in the bottom right corner:

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ITEM NUMBER	PART NAME	PART NUMBER	DESCRIPTION	MATERIAL
6_1	OUTER SKIN	-	-	22GA PRE-PAINT GALVANIZED
6_2	INNER SKIN	-	-	26GA PRE-PAINT GALVANIZED
6_3	TB HOR	-	-	RIGID PVC 83D; BLACK
6_4	TB VER	-	-	
6_5	RAIN GUARD	-	-	16GA PRE-PAINT GALVANIZED
6_6	BRACKET	39MA50064601	-	
6_7	RIVET	AV83AA318	3/16	STEEL
6_8	SCREW	AL31AY308	1/4-14X3/4 LONG	STEEL,ZN PLATED
6_9	GASKET	39MA50075402	1/8"X1"	EPDM
6_10	SEAL	95MX50015501	BULB SEAL	EPDM

Diagram illustrating the assembly components and sequence for a window assembly, showing the relationship between various parts:

- 6-1 OUTER SKIN
- 6-2 INNER SKIN
- 6-3 TB HOR 2
- 6-4 TB VER 2
- 6-5 RAIN GUARD 4
- 6-6 BRACKET
- 6-7 RIVETS 6
- 6-8 SCREWS 18
- 6-9 GASKET
- 6-10 BULB SEAL

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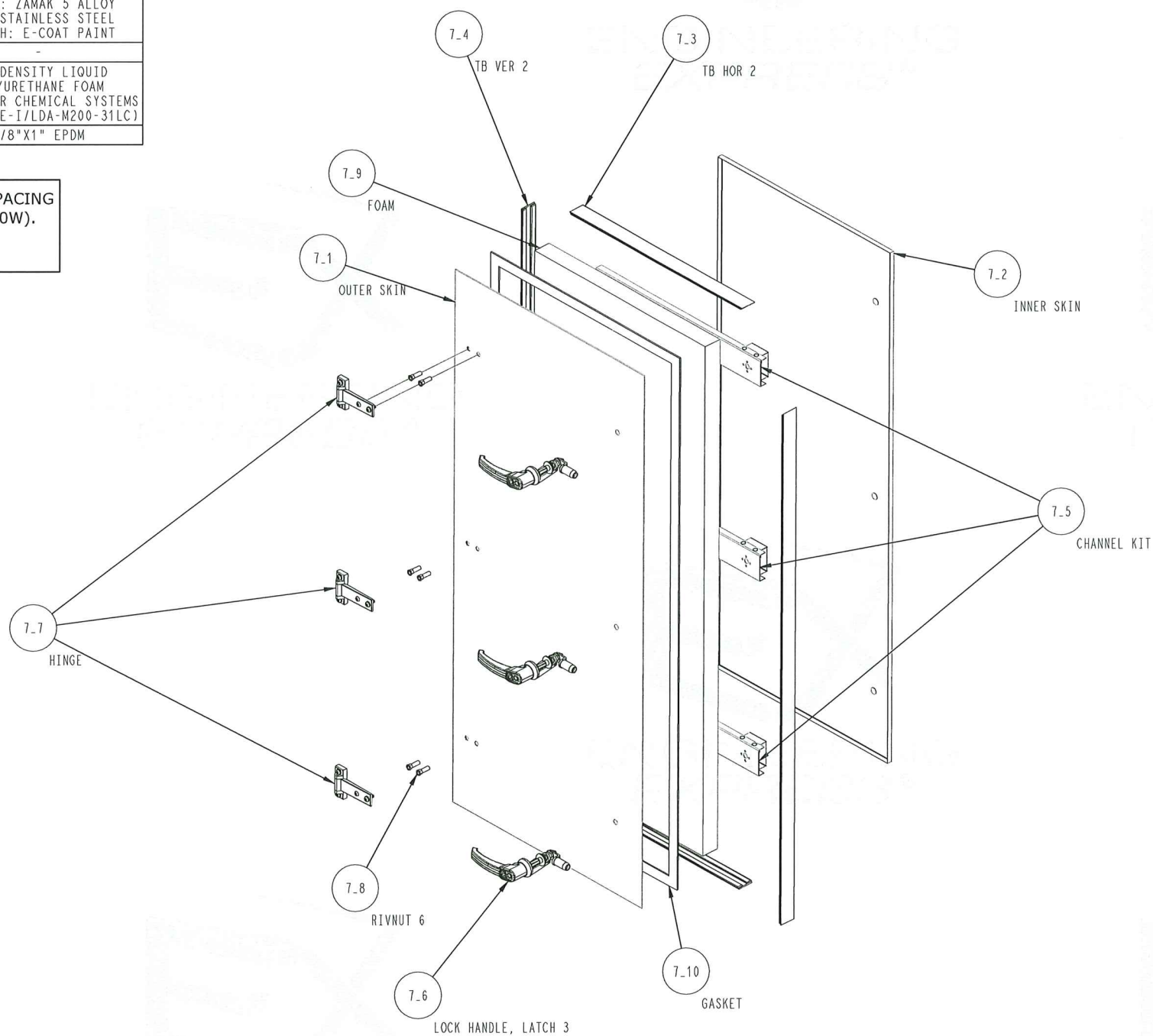
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ITEM NUMBER	PART NAME	PART NUMBER	MATERIAL
7.1	OUTER SKIN	-	20GA PRE-PAINT GALVANIZED
7.2	INNER SKIN	-	26GA PRE-PAINT GALVANIZED
7.3	TB HOR	-	RIGID PVC 83D; BLACK
7.4	TB VER	-	
7.5	CHANNEL KIT	-	-
7.6	LATCH LOCK HANDLE	-	-
7.7	HINGE	-	HINGE: ZAMAK 5 ALLOY PIN: STAINLESS STEEL FINISH: E-COAT PAINT
7.8	RIVNUT 1/4-20	39MA50076501	-
7.9	FOAM	-	LOW DENSITY LIQUID POLYURETHANE FOAM MOLECULAR CHEMICAL SYSTEMS (LDB-180E-1/LDA-M200-31LC)
7.10	GASKET	39MA50075402	1/8"X1" EPDM

NOTE: FASTENER CONFIGURATION/SPACING SHOWN ARE PER TESTED SAMPLE (110W). ALTERNATE MODEL TYPES SHALL BE ASSEMBLED SIMILARLY.

OUTSWING DOOR DETAILS (ITEM #7)



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Exploded view diagram of a door assembly. The diagram shows the following components and their assembly relationships:

- 8.1** OUTER SKIN: The main outer panel of the door.
- 8.2** INNER SKIN: The inner panel of the door.
- 8.3** TB HOR 2: Horizontal track component.
- 8.4** TB VER 2: Vertical track component.
- 8.5** CHANNEL: The channel into which the door skins are inserted.
- 8.6** LOCK HANDLE, LATCH 3: The handle and latch mechanism.
- 8.7** HINGE: The hinge mechanism for the door.
- 8.8** RIVNUT 6: Rivnuts used for securing the door assembly.
- 8.9** STIFFENER: A stiffener bar for the door.
- 8.10** FOAM: Foam insulation material.
- 8.11** SEAL STRIP: The seal strip for the door.

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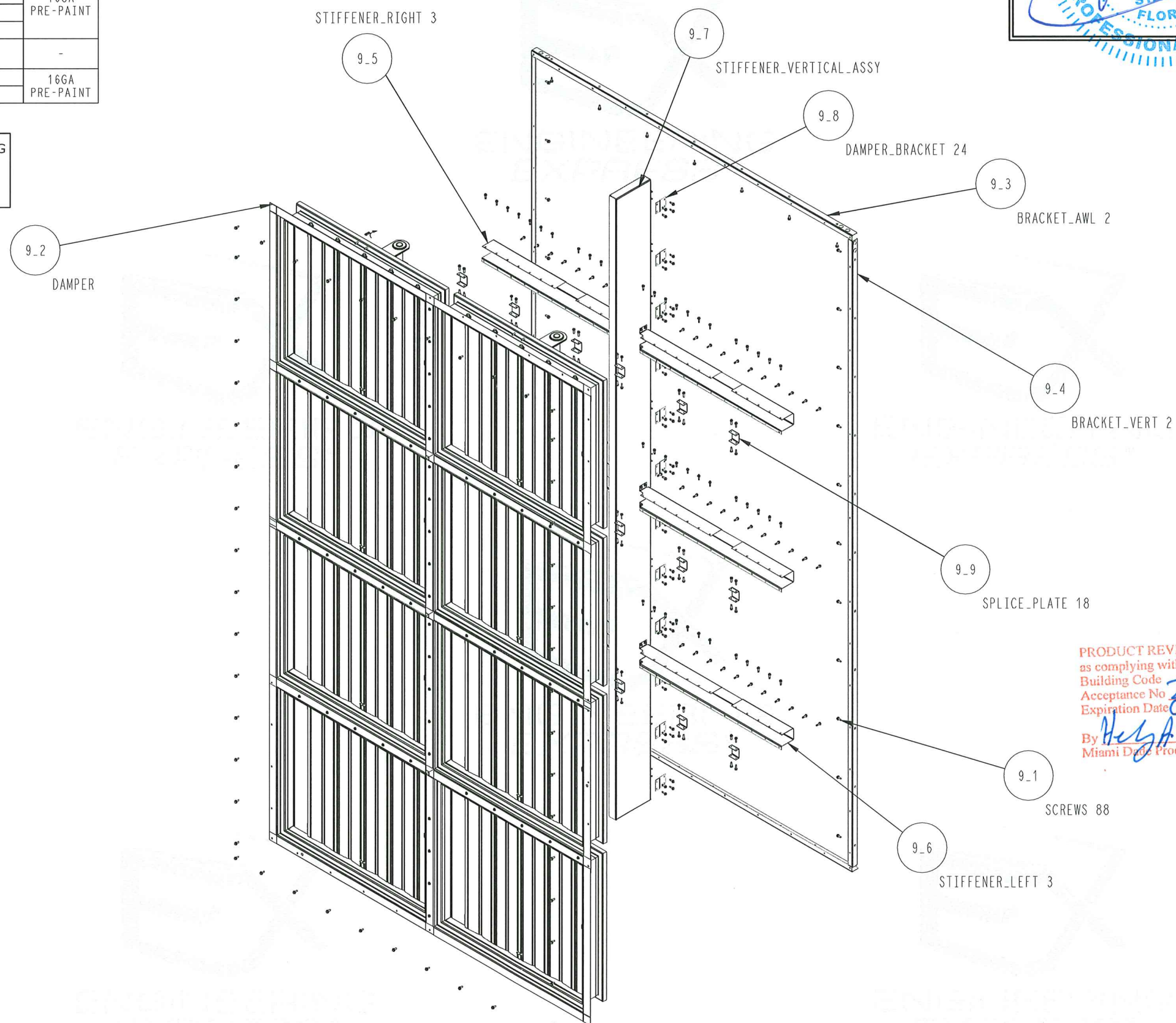
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ITEM NUMBER	PART NAME	PART NUMBER	DESCRIPTION	MATERIAL
9_1	SCREWS	AL48AM217	#10 X 5/8 LONG	STEEL
9_2	DAMPER	-	-	-
9_3	BRACKET_AWL	-	-	16GA PRE-PAINT
9_4	BRACKET_VERT	-	-	
9_5	STIFFENER_RIGHT	-	-	
9_6	STIFFENER_LEFT	-	-	
9_7	STIFFENER_VERTICAL_ASSY	-	-	-
9_8	DAMPER_BRACKET	-	-	16GA PRE-PAINT
9_9	SPLICE_PLATE	-	-	

NOTE: FASTENER CONFIGURATION/SPACING SHOWN ARE PER TESTED SAMPLE (110W). ALTERNATE MODEL TYPES SHALL BE ASSEMBLED SIMILARLY.

DAMPER ASSY. - SIDE DETAILS
(ITEM #9)



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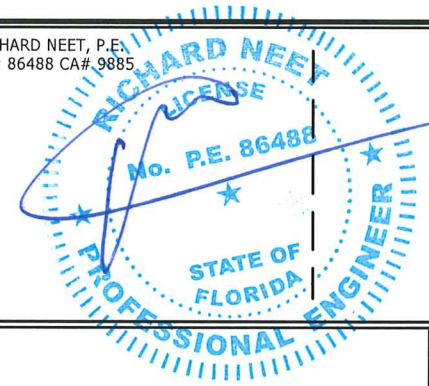
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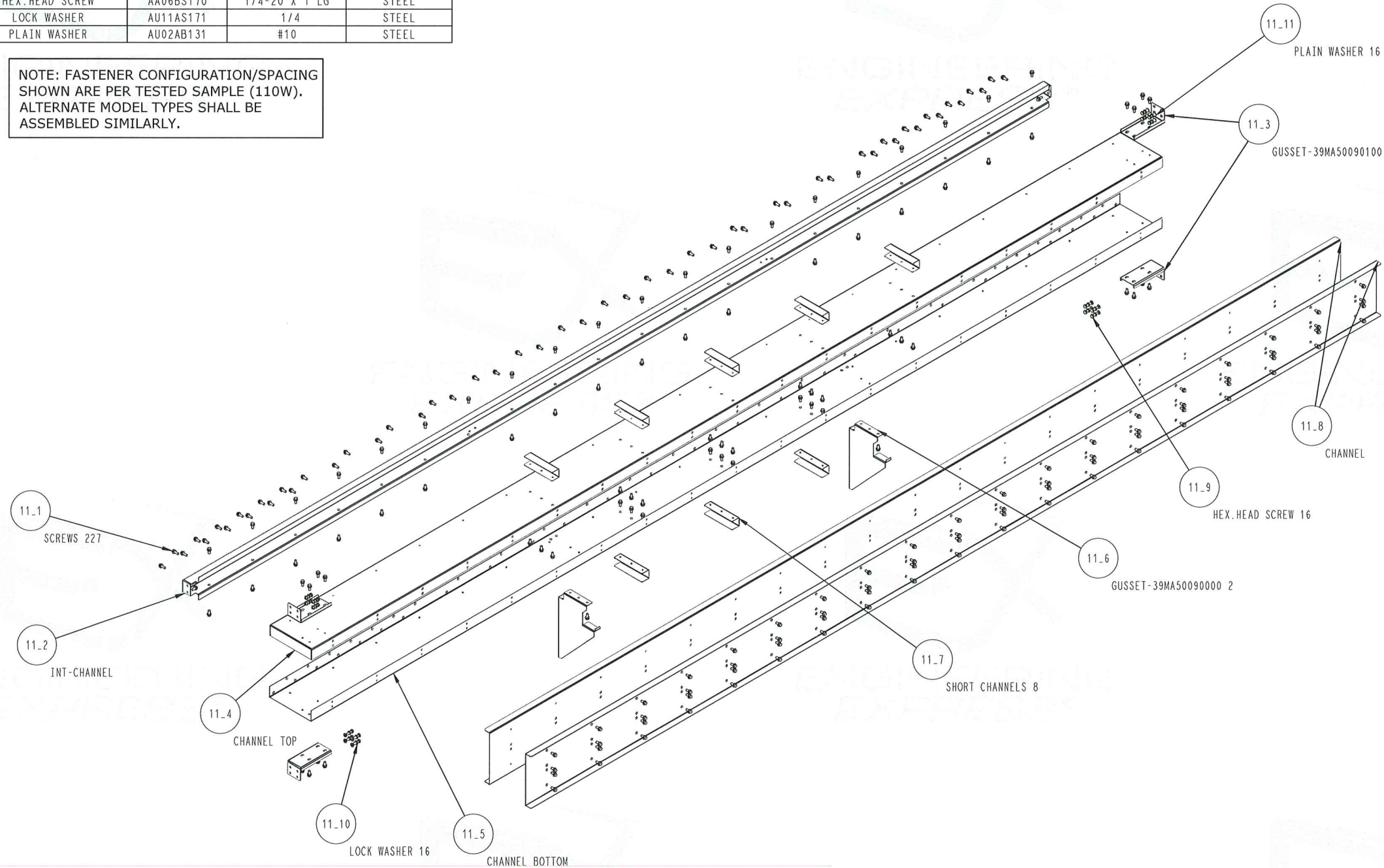
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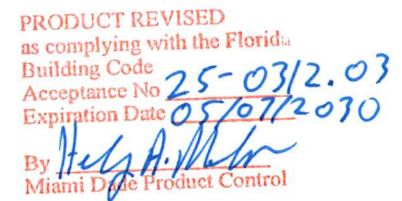
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12.1
SCREWS 106

12.2
DAMPER

12.3
BRACKET_AWW 2

12.4
BRACKET_VERT 2

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13.2
SCREWS 42

13.1
HOOD



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ROOFCAP ASSY. DETAILS (ITEM #14)

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SCREW	AL31AY308	1/4-14X3/4 LONG	STEEL
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14_2 ROOFCAP-FIRST

14_4 SLIDER, BRACKET 8

14_1 ROOFCAP-MIDDLE

14_3 ROOFCAP-LAST

14_6 ROOFRAIL AWL 6

14_8 TAPE, INSULATION 16

14_7 ROOFKEEL 3

14_9 BRACKET 16
SEE NEXT PAGE
FOR BRACKET
ATTACHMENT DETAIL

14_10 SCREW 82

14_5 ROOFRAIL AWW 2

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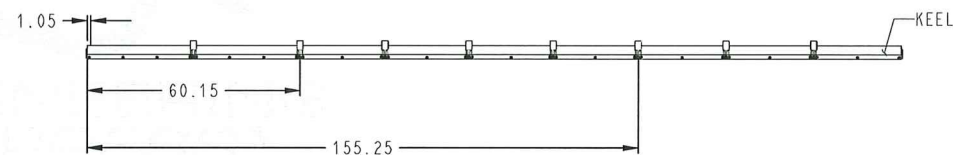
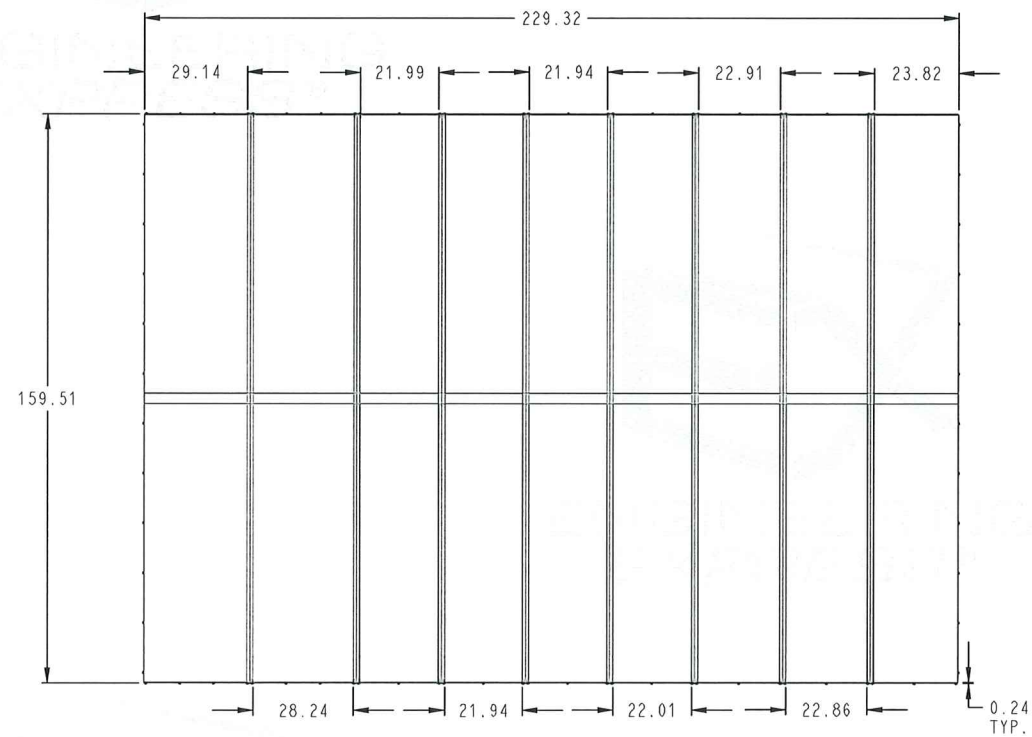
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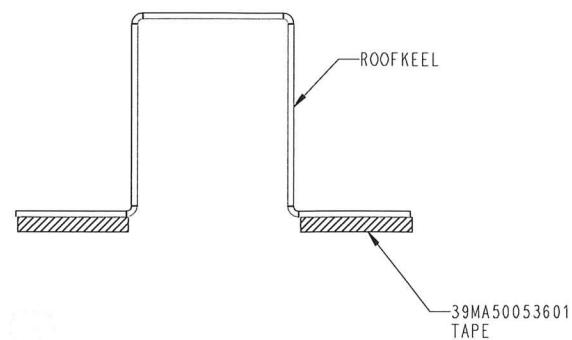
APRIL 28, 2025



ROOFCAP ASSY. DETAILS CONTD.



ATTACH KEEL TO ROOF PANELS USING
DOUBLE ADHESIVE TAPE 39MA50053601



RAIL-AWL-
INSTALLED ON BOTH ENDS

—ROOFKEEL
TO BE ASSEMBLED AT
THE CENTER OF THE UNIT,
AS SHOWN

RAIL-AWW
INSTALLED ON BOTH ENDS

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