



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)

Haakon Industries (Canada) LTD
11851 Dyke Road
Richmond, BC, Canada V7A-4X8

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: "Pentpak" Outdoor Style Air Handling Unit

APPROVAL DOCUMENT: Drawing No. 6945, titled "Outdoor Style Air Handling Unit, Pentpak", sheets 1 through 15 of 15, prepared by Haakon Industries, last revision #8 dated October 16, 2024, signed and sealed by Douglas J. Ruggiano, P.E., on October 21, 2024, bearing the Miami-Dade County Product Control Renewal 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, Cheney, WA or Kingston, ON 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 **renews NOA #24-1023.05** and consists of this page 1, evidence submitted pages E-1, E-2 & E-3 as well as approval document mentioned above.

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

MIAMI-DADE COUNTY
APPROVED

Helmy A. Makar
12/18/25

NOA No. 25-1203.01
Expiration Date: 03/10/2031
Approval Date: 12/18/2025
Page 1

Haakon Industries (Canada) LTD

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS NOA #10-1210.02

A. DRAWINGS

1. *Drawing No. 6945, titled "Outdoor Style Air Handling Unit, Pentpak", sheets 1 through 15 of 15, prepared by Haakon Industries, last revision #1 dated January 12, 2011, signed and sealed by Douglas J. Ruggiano, P.E., on January 31, 2011.*

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) Cyclic Wind Pressure Loading per FBC, TAS 203-94 4) ASTM E72-05 along with marked-up drawings and installation diagram of Steel Air Handler Model Pentpak, Outdoor Unit, prepared by Intertek Testing Services NA LTD, Test Report No. 100160907COQ-008, dated November 25, 2010, signed and sealed by Rick Curkeet, P.E.*

C. CALCULATIONS

1. *Finite Element Analysis on Outdoor-Style air Handling Unit, dated 12/02/10, revised on 01/12/11, signed & sealed by Douglas J. Ruggiano, P.E., on 01/31/11.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building and Neighborhood Compliance Department.*

E. MATERIAL CERTIFICATIONS

1. *Tensile Test per ASTM E8 by Intertek Testing Services NA LTD, Test Report No. 100160907COQ-008, dated 11/25/2010, signed and sealed by Rick Curkeet, P.E.*

F. STATEMENTS

1. *Letter of conformance with FBC 2007 Edition, dated December 09, 2010, signed and sealed by Douglas J. Ruggiano, P.E.*
2. *No financial interest letter, dated 12/09/10, sign & sealed by D. J. Ruggiano, P.E.*
3. *Distributer Agreement.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS NOA #15-1027.06

A. DRAWINGS

1. *Drawing No. 6945, titled "Outdoor Style Air Handling Unit, Pentpak", sheets 1 through 15 of 15, prepared by Haakon Industries, last revision #3 dated July 18, 2016, signed and sealed by Douglas J. Ruggiano, P.E., on July 18, 2016.*

B. TESTS

1. *None.*

C. CALCULATIONS

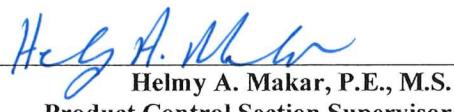
1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*


Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 25-1203.01
Expiration Date: 03/10/2031
Approval Date: 12/18/2025

Haakon Industries (Canada) LTD

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. *Letter of conformance with FBC 2014 Edition, dated July 18, 2016, signed and sealed by Douglas J. Ruggiano, P.E.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS NOA #20-1005.02

A. DRAWINGS

1. *Drawing No. 6945, titled "Outdoor Style Air Handling Unit, Pentpak", sheets 1 through 15 of 15, prepared by Haakon Industries, last revision #7 dated March 10, 2021, signed and sealed by Douglas J. Ruggiano, P.E., on March 15, 2021.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *Letter of conformance with FBC 2020 Edition, dated March 15, 2021, signed and sealed by Douglas J. Ruggiano, P.E.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS NOA #24-1023.05

A. DRAWINGS

1. *Drawing No. 6945, titled "Outdoor Style Air Handling Unit, Pentpak", sheets 1 through 15 of 15, prepared by Haakon Industries, last revision #8 dated October 16, 2024, signed and sealed by Douglas J. Ruggiano, P.E., on October 21, 2024.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *Letter of conformance with FBC 2023 Edition, dated October 16, 2024, signed and sealed by Douglas J. Ruggiano, P.E., on October 21, 2024.*



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

Product Control Section Supervisor

NOA No. 25-1203.01

Expiration Date: 03/10/2031

Approval Date: 12/18/2025

Haakon Industries (Canada) LTD

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

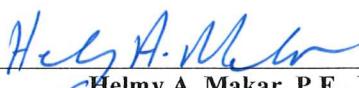
1. *By Miami-Dade County Department Regulatory and Economic Resources (RER).*

E. MATERIAL CERTIFICATIONS

1. *None.*

F. STATEMENTS

1. *Letter of conformance with FBC 2023 Edition, dated October 16, 2024, signed and sealed by Douglas J. Ruggiano, P.E., on October 21, 2024.*


Helmy A. Makar, P.E., M.S.
Product Control Section Supervisor
NOA No. 25-1203.01
Expiration Date: 03/10/2031
Approval Date: 12/18/2025

WALL PANEL CONSTRUCTION DETAIL

NOTES:

1. WALL PANELS ARE NOMINAL 4" THK AND THEY ARE JOINED TOGETHER BY #12 TEK SCREWS OR CLINCHES @ MAX 6" C-C (STAGGERED).
2. FULL CANLING BETWEEN PANELS IS DONE TO PREVENT AIR LEAKAGE.
3. WALL PANEL IS FABRICATED FROM 16GA GALVANEATED SHEET METAL, UNLESS OTHERWISE SPECIFIED.
4. MAXIMUM PANEL WIDTH IS 24.25".
5. SEE DRAWING [PAGE 12 — WALL_PANEL_STRUCTURAL_PROPERTIES] FOR MECHANICAL PROPERTIES AND DIMENSIONS OF TYPICAL WALLS PANEL COMPONENTS.

PRODUCT RENEWED
Lts complying with the Florida
Building Code
Acceptance No 25-1203-0

please stamp here

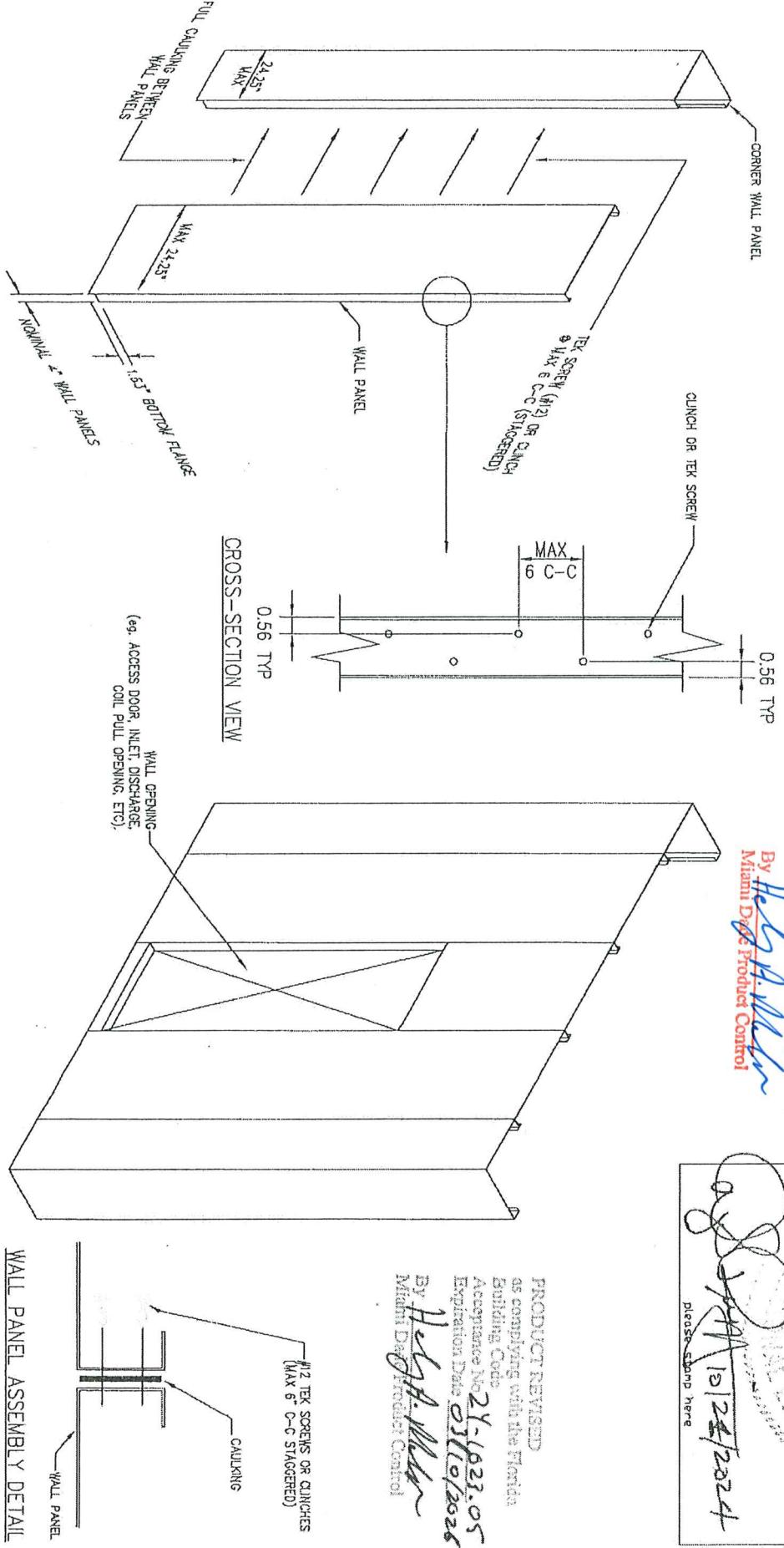
John H. Johnson
10/22/2024

ST. LOUIS, MO., U.S.A.

NO. 51497

**

JANUARY 1, 1900



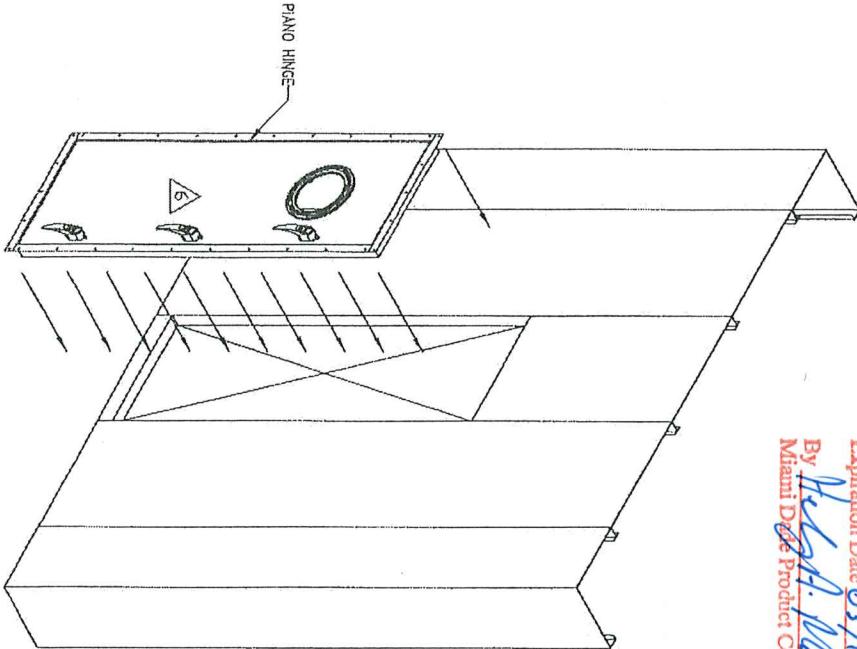
OUTDOOR STYLE AIR HANDLING UNIT, PENTPAK							REVISION D (DEC 02, 2010)
JOB NO.	DRAWN BY	DR	DMG NO.	6945	PAGE	3 OF 15	REVISION 1 (JAN 12, 2011)
DATE	JAN 12, 2011		TYPE	OUTDOOR	DMG UNITS	IN	REVISION 3 (JUL 18, 2016)
TAG							

HAAKON INDUSTRIES

STANDARD DOOR CONSTRUCTION DETAIL

NOTES.

1. STANDARD DOOR (OUTWARD SWINGING) IS ATTACHED TO DOOR FRAME WITH PIANO HINGE.
2. DOOR ASSEMBLY IS ATTACHED TO EXTERIOR OF AHU AS SHOWN. TYPICALLY @ MAX 12" C-C WITH #12 TEK SCREWS.
3. SEE DRAWING [PAGE 13 -- ACCESS_DOOR_STRUCTURAL_PROPERTIES] FOR MECHANICAL PROPERTIES AND DIMENSIONS OF ACCESS DOOR COMPONENTS.



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 25-1203.01
Expiration Date 03/09/2031
By Hector A. Moller
Miami Dade Product Control

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 24-1023.05
Expiration Date 03/16/2026
By Heidi Miller
National Fire Protection Committee RAULIS RE
National Fire Protection Committee RAULIS RE

EXTERIOR OF WALL @ MAX 12" C-C.

By W. F. Weller
Miami Dodge Products Company
DOOR F

Acceptance No. 29-1023.03
Expiration Date 03/10/2026

PRODUCT REVISED
as complying with the Florida
Building Code - 19

SILVER SCREEN MAX 12 C-12

STANDARD DOOR INSTALLATION DETAIL

EXTERIOR OF WALL
PANEL

The diagram illustrates the exploded view of a door assembly. It features a central vertical rectangular frame. To the left of the frame is a horizontal bar labeled 'OUTSIDE DOOR HANDLE'. To the right of the frame is a vertical bar labeled 'DOOR LINER'. Above the frame is a horizontal bar labeled 'GASKET'. The area between the 'DOOR LINER' and the 'GASKET' is filled with a diagonal hatching pattern.

EXTERIOR OF WALL
INSIDE CATCH

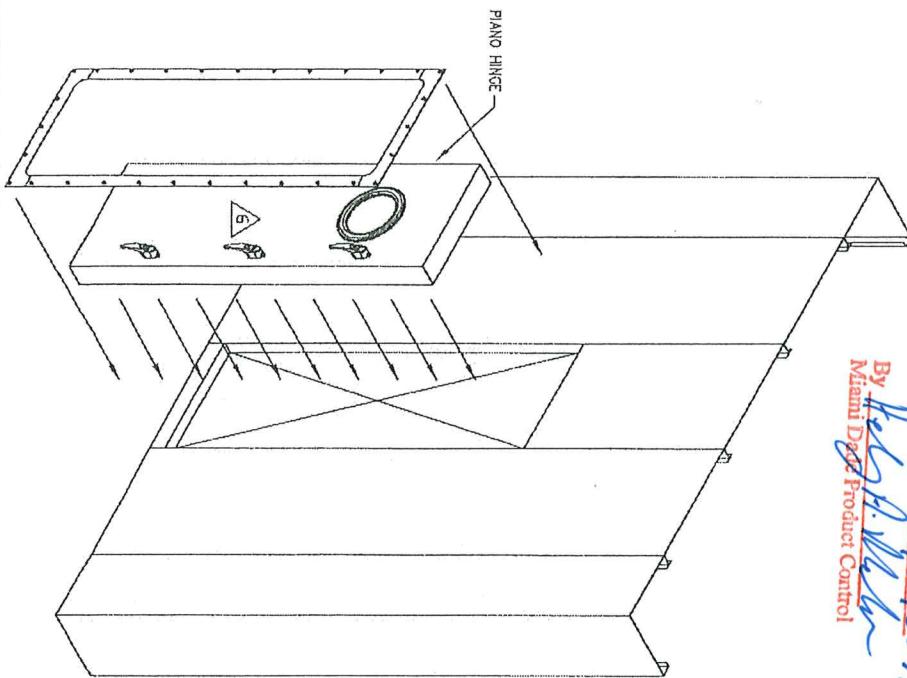
This technical drawing illustrates a door assembly. The door is shown in a rectangular frame. On the left side, there are three lock cylinders, each marked with a small triangle and the letter 'G'. On the right side, there is a circular lock cylinder. A handle is located on the left side of the door. A dimension line indicates a width of 12 C-C between the left edge of the door and the center of the handle. Another dimension line indicates a width of 12 C-C between the handle and the right edge of the door. A callout line points to the handle with the label 'OUTSIDE DOOR HANDLE'.

OUTDOOR STYLE AIR HANDLING UNIT, PENTPAK						
TITLE						
JOB NO.	DRAWN BY	DRY	DWG NO.	6945	PAGE	4 OF 15
TRAC	DATE	MAR 15, 2018	TYPE	OUTDOOR	DWG UNITS	IN
REVISION 0 (DEC 02, 2010)						
REVISION 1 (JAN 12, 2011)						
REVISION 3 (JUL 18, 2016)						
REVISION 6 (MAR 15, 2018)						
HAAKON INDUSTRIES						
11655 CHURCH ROAD, NEWBERRY, SOUTH CAROLINA 29108 USA						

PRESSURE DOOR CONSTRUCTION DETAIL

NOTES:

1. PRESSURE DOOR (INWARD SWINGING) IS ATTACHED TO DOOR FRAME WITH PIANO HINGE.
2. DOOR ASSEMBLY IS ATTACHED TO EXTERIOR OF AHU AS SHOWN. TYPICALLY @ MAX 10° C-C WITH #12 TEK SCREWS.
3. SEE DRAWING [PAGE 13 — ACCESS_DOOR_STRUCTURAL_PROPERTIES] FOR MECHANICAL PROPERTIES AND DIMENSIONS OF ACCESS DOOR COMPONENTS.



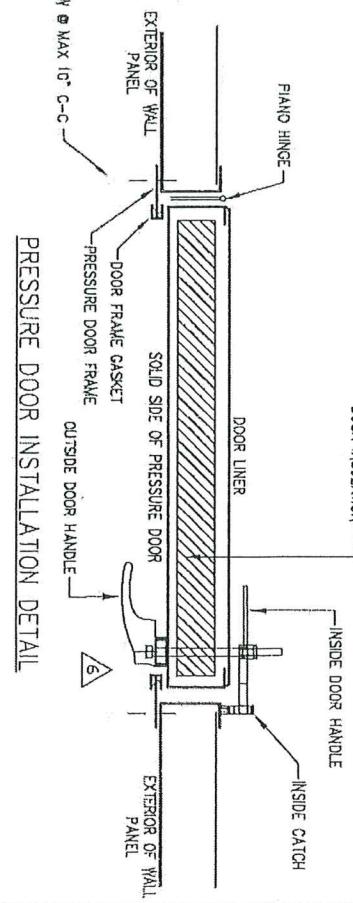
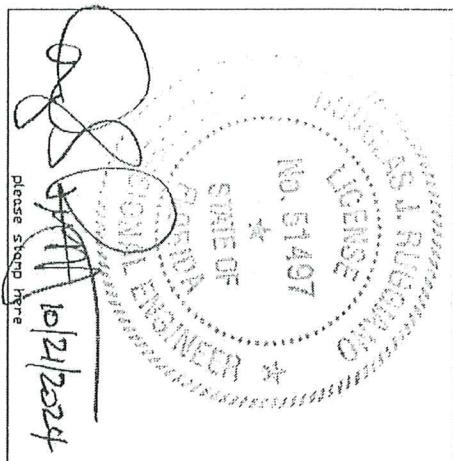
PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No **25-1203.01**
Expiration Date **03/10/2031**
By *H. A. Moller*
Miami Dade Product Control

PRODUCT REVISED

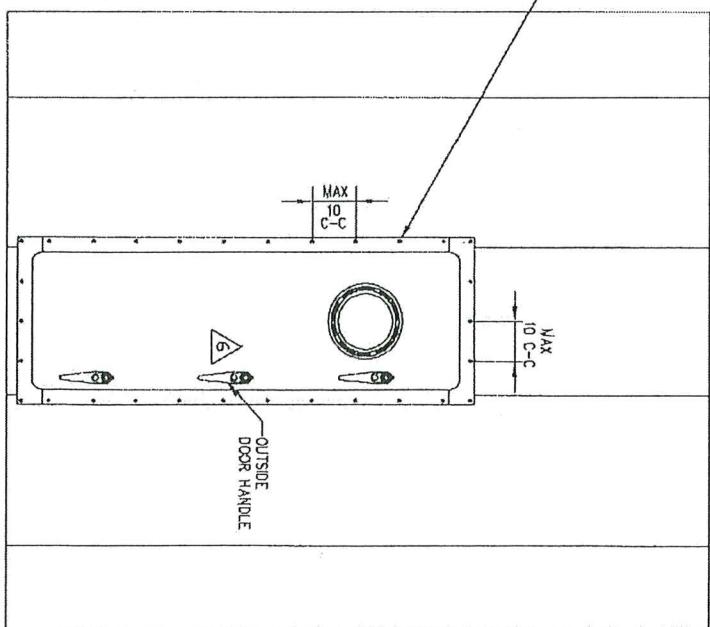
as complying with the Florida
Building Code

Acceptance No **24-1023.05**
Expiration Date **03/10/2026**

By *H. A. Moller*
Miami Dade Product Control



PRESSURE DOOR INSTALLATION DETAIL



TITLE

OUTDOOR STYLE AIR HANDLING UNIT, PENTPAK

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10/21/2024

OUTDOOR STYLE AIR HANDLING UNIT, PENTPAK					
JOB NO.	DRAWN BY	DRW NO.	PAGE	OF	15
TAC	DY	6945	5	15	

REVISION 0 (DEC 02, 2010)

REVISION 1 (JAN 12, 2011)

REVISION 3 (JUL 18, 2016)

REVISION 5 (MAR 15, 2018)

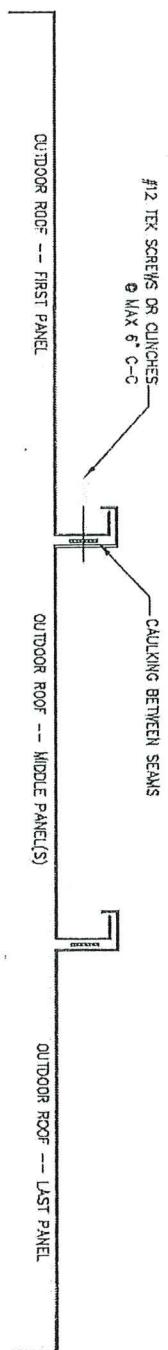
HAAKON
INDUSTRIES

10000 DUNLOP ROAD, PENTWOOD, B.C. V3T 1A2, CANADA

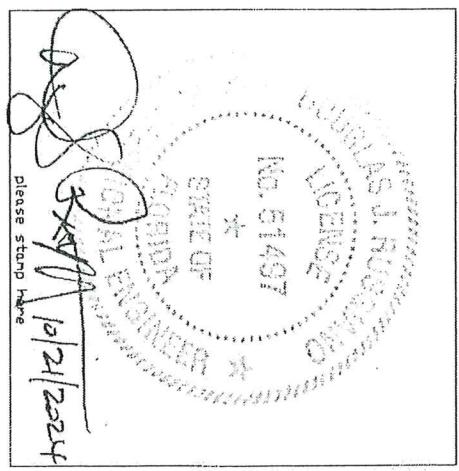
OUTDOOR ROOF CONSTRUCTION DETAIL

NOTES:

1. OUTDOOR ROOF PANELS ARE JOINED TOGETHER BY TEK SCREWS OR CUNCHES @ MAX 6" C-C.
2. FULL CAULKING BETWEEN ROOF PANELS IS DONE TO PREVENT AIR LEAKAGE.
3. OUTDOOR ROOF PANEL IS FABRICATED FROM 16GA GALVANIZED SHEET METAL UNLESS OTHERWISE SPECIFIED.
4. SEE DRAWING [PAGE 14 -- OUTDOOR_ROOF_PANEL_STRUCTURAL_PROPERTIES] FOR MECHANICAL PROPERTIES AND DIMENSIONS OF TYPICAL OUTDOOR ROOF COMPONENTS.



PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 25-1203.01
Expiration Date 03/10/2031
By *Heidi H. Mahr*
Miami Dade Product Control

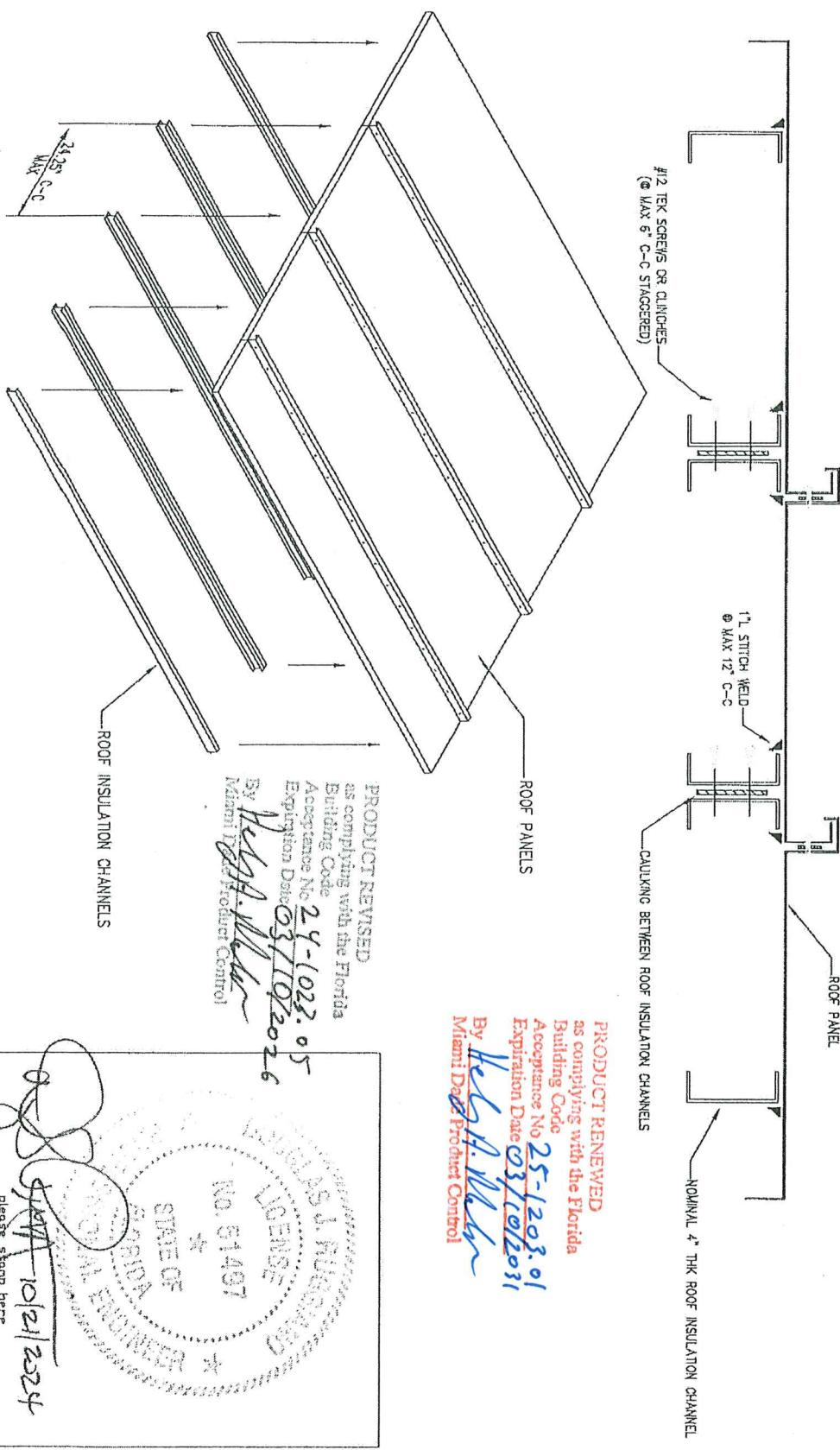


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OUTDOOR STYLE AIR HANDLING UNIT, PENTPAK							
JOB NO.	DRAWN BY	DY	DWG NO.	PAGE	6 OF 15		
JAN 12, 2011			6945				
TYPED			OUTDOOR	DWG UNITS	IN		

OUTDOOR ROOF INSULATION CHANNEL CONSTRUCTION DETAIL

NOTES:

1. ROOF INSULATION CHANNELS ARE JOINED TOGETHER BY #12 TEK SCREWS OR CLINCHES @ MAX 6" C-C.
2. ROOF INSULATION CHANNELS ARE TACK WELDED TO UNDERSIDE OF ROOF PANEL @ MAX 12" C-C.
3. ROOF INSULATION CHANNEL IS FABRICATED FROM 16GA GALVANIZED SHEET METAL, UNLESS OTHERWISE SPECIFIED.
4. SEE DRAWING [PAGE 14 --- OUTDOOR_ROOF_PANEL_STRUCTURAL_PROPERTIES] FOR MECHANICAL PROPERTIES AND DIMENSIONS OF TYPICAL ROOF INSULATION CHANNELS.



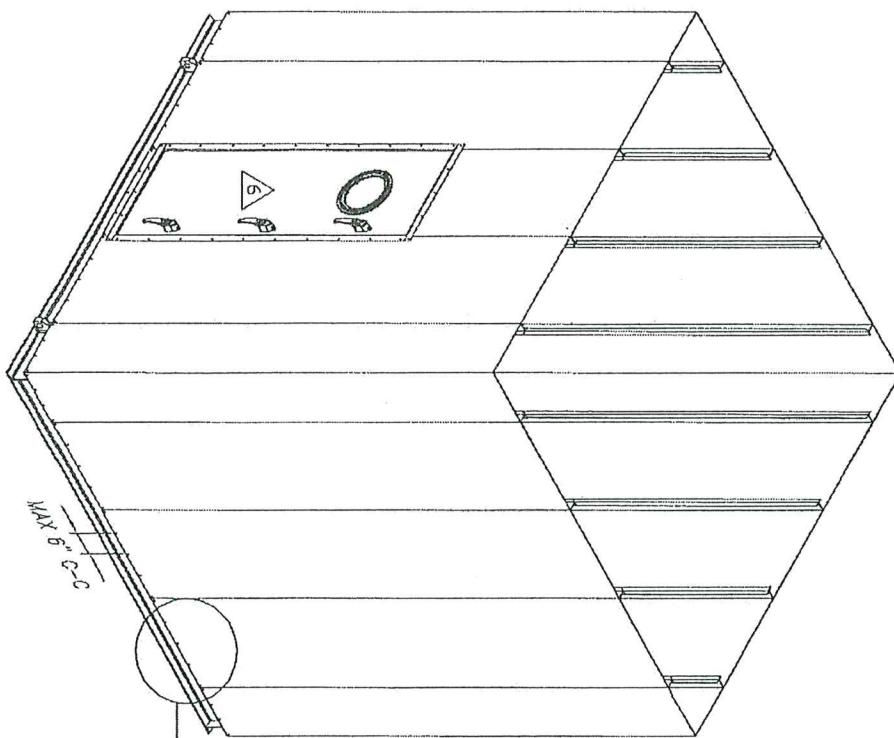
TITLE OUTDOOR STYLE AIR HANDLING UNIT, PENTPAK

JOB NO.	DRAWN BY	DRY	DRW NO.	PAGE	7 OF 15
			6945		

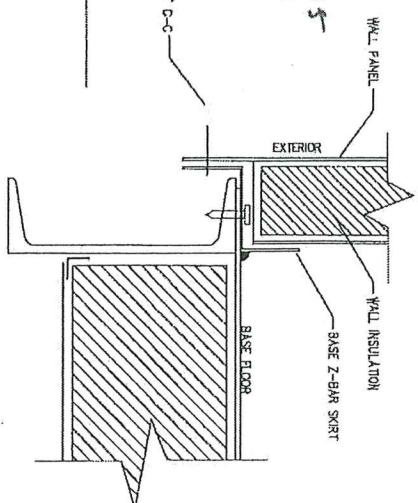
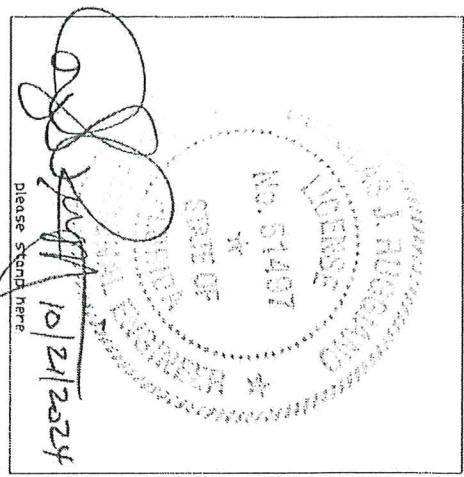
WALL-PANEL TO UNITBASE CONSTRUCTION DETAIL

NOTES:

1. BOTTOM FLANGE OF WALL PANEL IS ATTACHED TO BASE Z-BAR SKIRT WITH #12 TEK SCREWS @ MAX 6" C-C.



PRODUCT REVISED
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Building Code
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Expiration Date 03/10/2031
By H. P. M.
Miami Dade Product Control



WALL PANEL TO UNITBASE INSTALLATION DETAIL

PROJECT

OUTDOOR STYLE AIR HANDLING UNIT, PENTPAK

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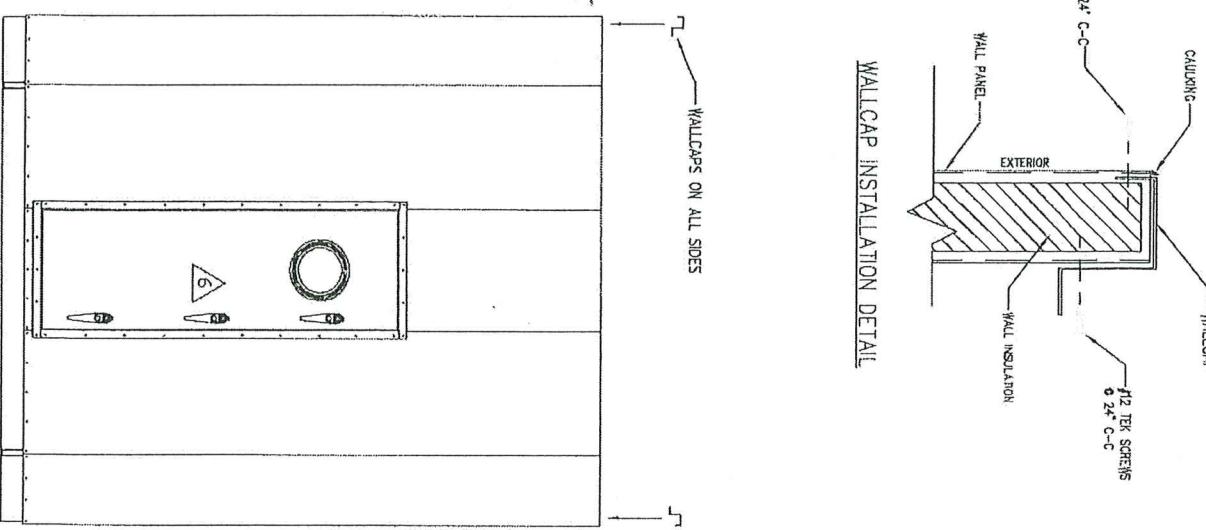
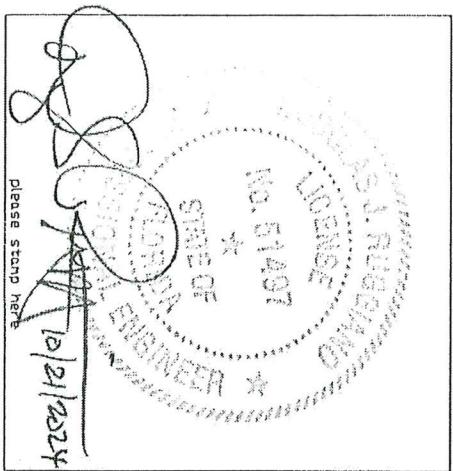
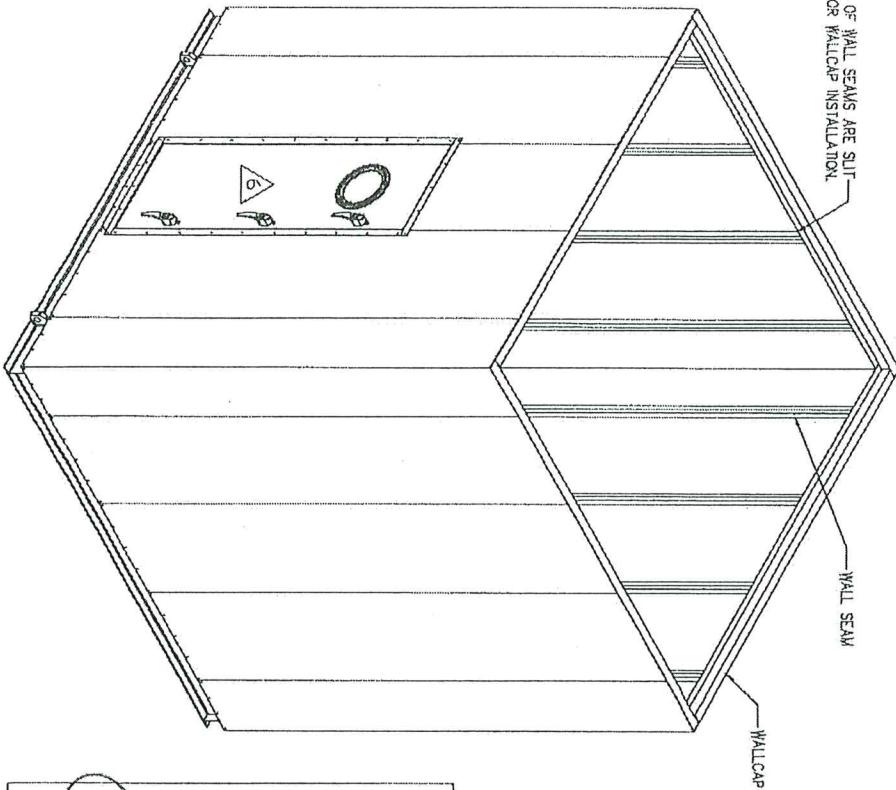
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HAAKON
INDUSTRIES
11000 DUNN RD., HOMESTEAD, FL 33034
TEL: 305-247-1200 FAX: 305-247-1201

WALLCAP INSTALLATION DETAIL

NOTES:

1. WALLCAPS ARE INSTALLED ON TOP OF WALLS AS SHOWN. WALLCAPS ARE USED TO SUPPORT ROOF.
2. SEE DRAWING [PAGE 15 -- WALLCAP STRUCTURAL PROPERTIES] FOR MECHANICAL PROPERTIES AND DIMENSIONS OF WALLCAP.



PROJECT							
OUTDOOR STYLE AIR HANDLING UNIT, PENTPAK							
JOB NO.	DRAWN BY	DRY	DWG NO.	6945	PAGE	9	OF 15
TAG	DATE	MAR 15, 2018	TYPE	OUTDOOR	DWG UNITS	IN	

REVISION 0 (DEC 02, 2010)
REVISION 1 (JAN 12, 2011)
REVISION 3 (JUL 18, 2016)
REVISION 6 (MAR 15, 2018)

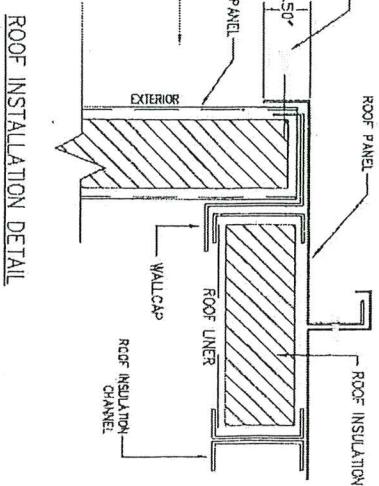
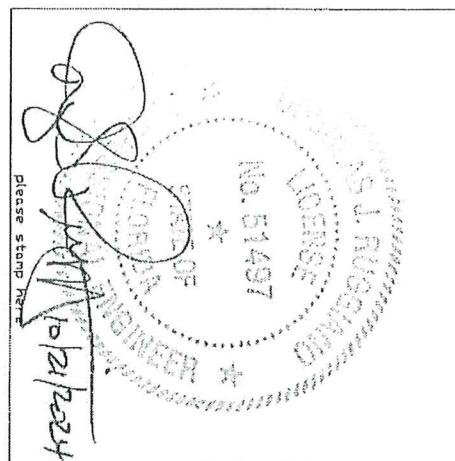
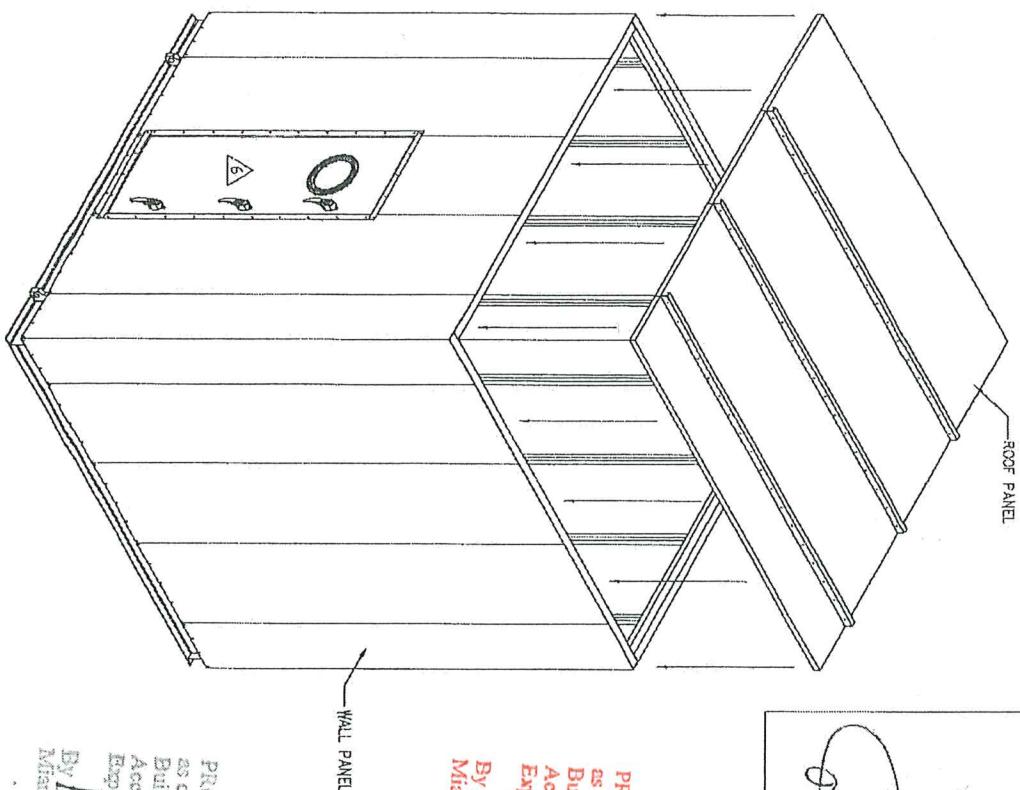
11550 DUNES ROAD, TROMBACO, FL. 33464, USA 305-244-1000

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INDUSTRIES

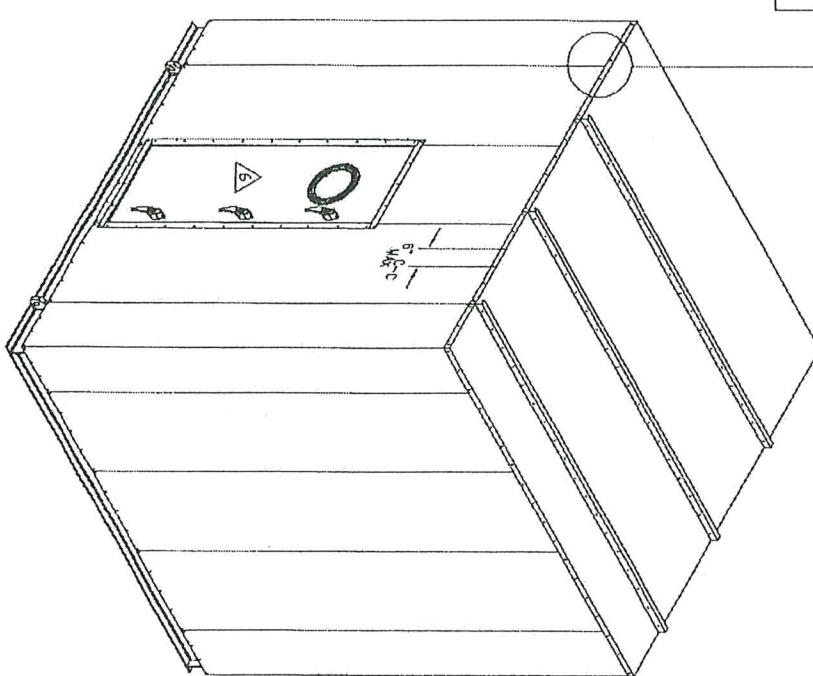
ROOF INSTALLATION DETAIL

NOTES:

1. ROOF PANEL IS ATTACHED TO WALL WITH #12 TEK SCREWS @ MAX 6" C-C.



ROOF INSTALLATION DETAIL



PROJECT

OUTDOOR STYLE AIR HANDLING UNIT, PENTPAK

REVISION 0 (DEC 02, 2010)
REVISION 1 (JAN 12, 2011)
REVISION 3 (MUL 18, 2016)
REVISION 6 (MAR 15, 2018)

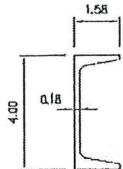
HAAKON
INDUSTRIES

10031 1/2 E. ROAD, ALEXANDRIA, VA 22303-1003
703-830-0000

JOB NO.	DRAHN BY	DR	DR NO.	PAGE 10 OF 15
	MAR 15, 2018		OUTDOOR	DR NO. UNITS IN

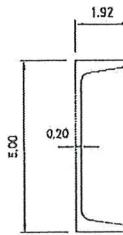
Mechanical Properties of Typical Unitbase Components

(A) CROSS-SECTION OF C4X5.4 CHANNEL



Material: ASTM A36 Mild Steel
 Weight Per Foot: 5.4 lbs/ft
 Cross-Section Area: 1.59 in²
 Yield Tensile Stress: 36 kpsi
 Ultimate Tensile Stress: 58 kpsi
 Modulus of Elasticity (E): 29 x 10⁶ psi
 Modulus of Rigidity (G): 11.2 x 10⁶ psi

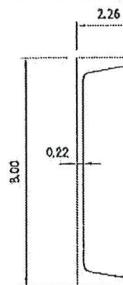
(B) CROSS-SECTION OF C6X8.2 CHANNEL



Material: ASTM A36 Mild Steel
 Weight Per Foot: 8.2 lbs/ft
 Cross-Section Area: 2.40 in²
 Yield Tensile Stress: 36 kpsi
 Ultimate Tensile Stress: 58 kpsi
 Modulus of Elasticity (E): 29 x 10⁶ psi
 Modulus of Rigidity (G): 11.2 x 10⁶ psi

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 255-1203-01
 Expiration Date 03/10/2031
 By Hugh Miller
 Miami Dade Product Control

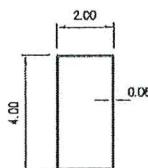
(C) CROSS-SECTION OF C8X11.5 CHANNEL



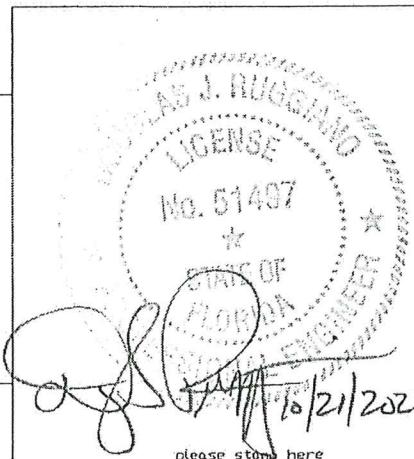
Material: ASTM A36 Mild Steel
 Weight Per Foot: 11.5 lbs/ft
 Cross-Section Area: 3.38 in²
 Yield Tensile Stress: 36 kpsi
 Ultimate Tensile Stress: 58 kpsi
 Modulus of Elasticity (E): 29 x 10⁶ psi
 Modulus of Rigidity (G): 11.2 x 10⁶ psi

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 261-1023-05
 Expiration Date 03/10/2025
 By Hugh Miller
 Miami Dade Product Control

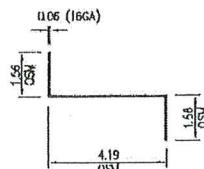
(D) CROSS-SECTION OF 4x2x16ga TUBE



Material: ASTM A36 Hot Rolled Tubing
 Weight Per Foot: 2.5 lbs/ft
 Cross-Section Area: 0.734 in²
 Yield Tensile Stress: 36 kpsi
 Ultimate Tensile Stress: 58 kpsi
 Modulus of Elasticity (E): 29 x 10⁶ psi
 Modulus of Rigidity (G): 11.2 x 10⁶ psi



(E) BREAK PROFILE OF BASE Z-BAR SKIRT



Material: 16ga Galvanized Sheet Metal Steel
 Cross-Section Area: 0.449 in²
 Yield Tensile Stress: 36 kpsi
 Ultimate Tensile Stress: 58 kpsi
 Modulus of Elasticity (E): 29 x 10⁶ psi
 Modulus of Rigidity (G): 11.2 x 10⁶ psi

NOTE:
 1. ALL DIMENSIONS ARE IN INCHES.

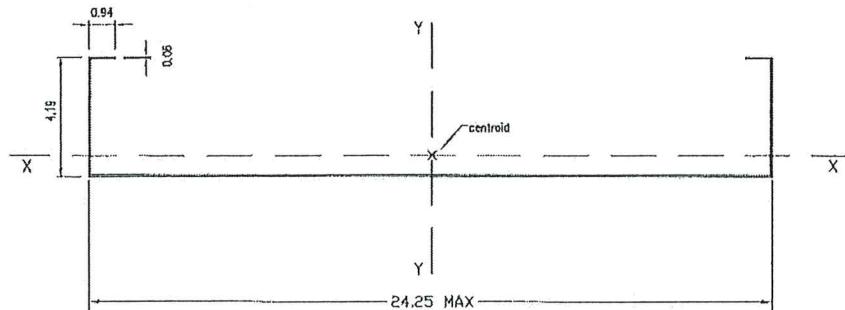
TITLE OUTDOOR STYLE AIR HANDLING UNIT, PENTAK

JOB NO.	DRAWN BY	DY	DWG NO.	6945	PAGE	11	OF	15	REVISION	1	(JAN 12, 2011)
TAG	DATE	JAN 12, 2011	TYPE	OUTDOOR	DWG UNITS	IN			REVISION	3	(JUL 18, 2016)

Mechanical Properties of Typical Wall Panels

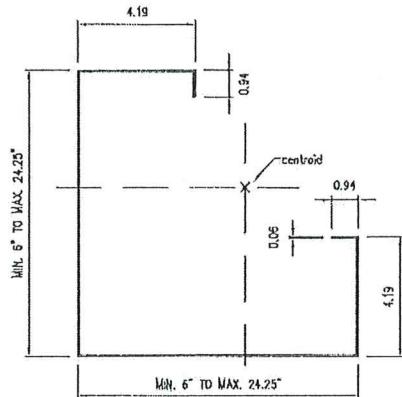
(A) BREAK PROFILE OF NOMINAL 4" WALL PANEL

Material: 16ga Galvanized Sheet Metal Steel



(B) BREAK PROFILE OF NOMINAL 4" CORNER PANEL

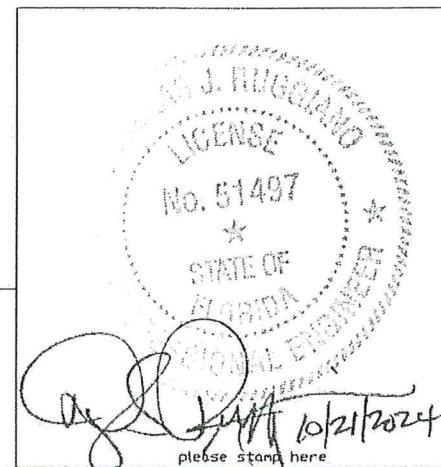
Material: 16ga Galvanized Sheet Metal Steel



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Acceptance No 25-1203.01
Expiration Date 03/10/2031
By H. J. Miller
Miami-Dade Product Control

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Miami-Dade Product Control

NOTE:
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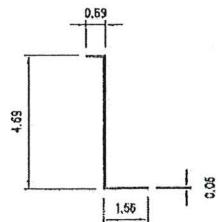
TITLE OUTDOOR STYLE AIR HANDLING UNIT, PENTAK					
JOB NO.	DRAWN BY	DY	DWG NO.	PAGE	REVISION
TAC	DATE	JAN 12, 2011	6945	12 OF 15	1 (JAN 12, 2011)
	TYPE	OUTDOOR	DWG UNITS	IN	REVISION 3 (JUL 18, 2016)

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Mechanical Properties of Typical Door Components

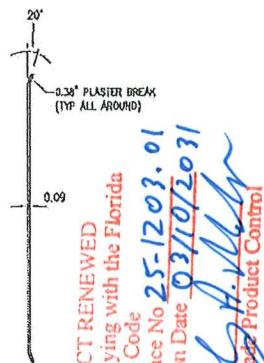
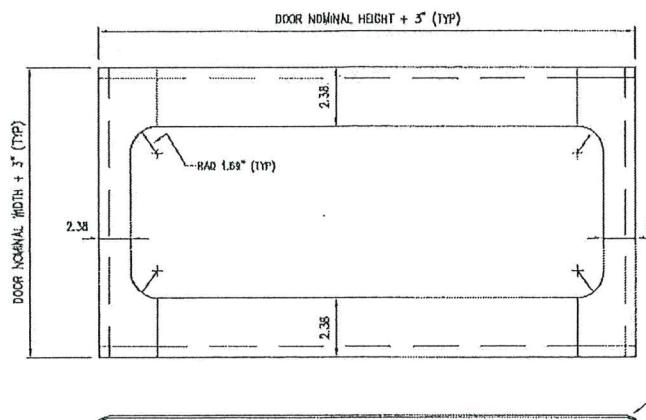
(A) BREAK PROFILE OF DOOR FRAME FOR STANDARD DOOR

Material: 16ga Galvanized Sheet Metal Steel



(B) BREAK PROFILE OF DOOR FRAME FOR PRESSURE DOOR

Material: 12ga Galvanized Sheet Metal Steel

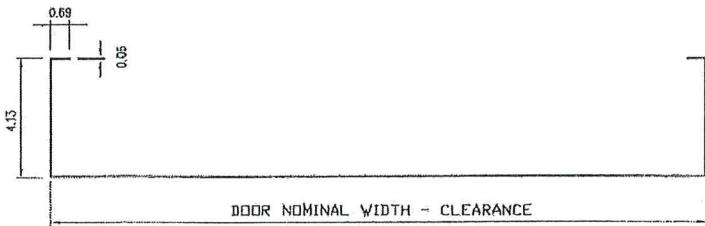


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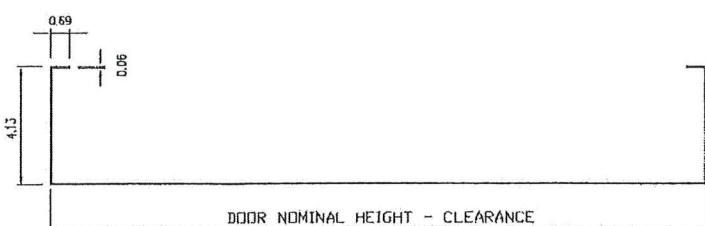
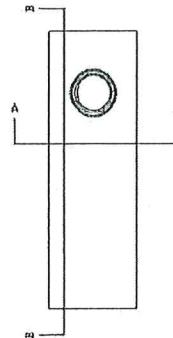
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By *Hilary M. Miller*
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(C) BREAK PROFILE OF ACCESS DOOR

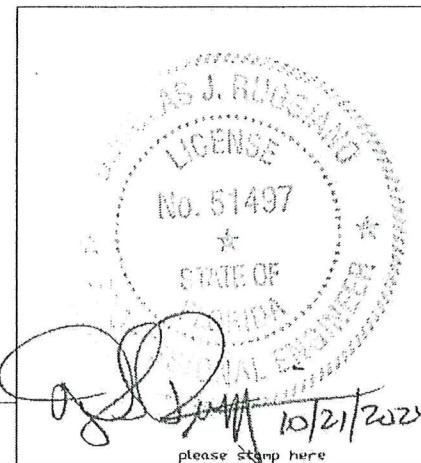
Material: 16ga Galvanized Sheet Metal Steel



SECTION A-A



SECTION B-B



please stamp here

NOTE:
1. ALL DIMENSIONS ARE IN INCHES.

TITLE

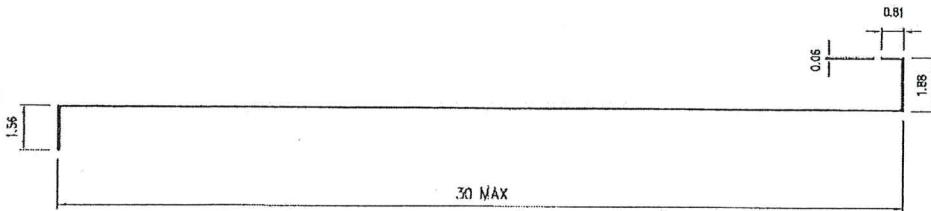
OUTDOOR STYLE AIR HANDLING UNIT, PENTAK

JOB NO.	DRAWN BY	DY	DWG NO.	6945	PAGE	13	OF	15	REVISION	1	(JAN 12, 2011)
TAG	DATE	JAN 12, 2011	TYPE	OUTDOOR	DWG UNITS	IN			REVISION	3	(JUL 18, 2016)

Mechanical Properties of Typical Outdoor Roof Components

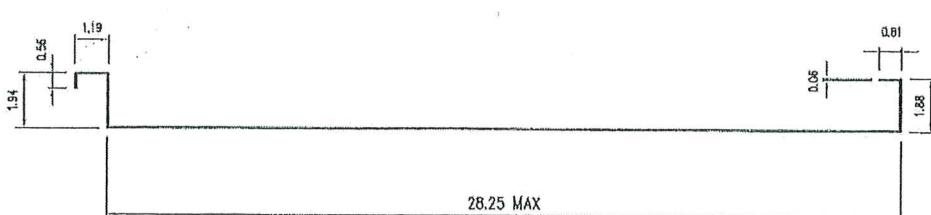
(A) BREAK PROFILE OF TYPICAL OUTDOOR ROOF PANEL -- FIRST PANEL

Material: 16ga Galvanized Sheet Metal Steel



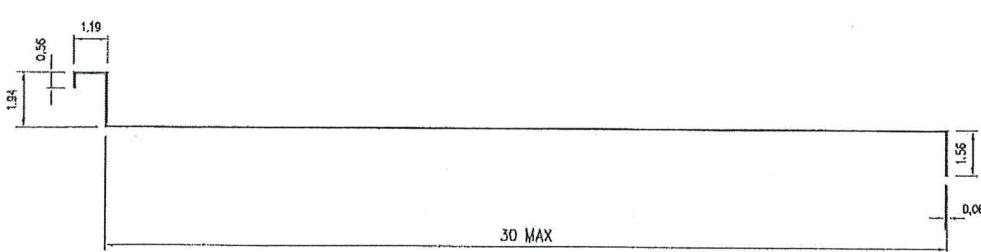
(B) BREAK PROFILE OF TYPICAL OUTDOOR ROOF PANEL -- MIDDLE PANEL(S)

Material: 16ga Galvanized Sheet Metal Steel



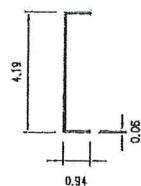
(C) BREAK PROFILE OF TYPICAL OUTDOOR ROOF PANEL -- LAST PANEL

Material: 16ga Galvanized Sheet Metal Steel



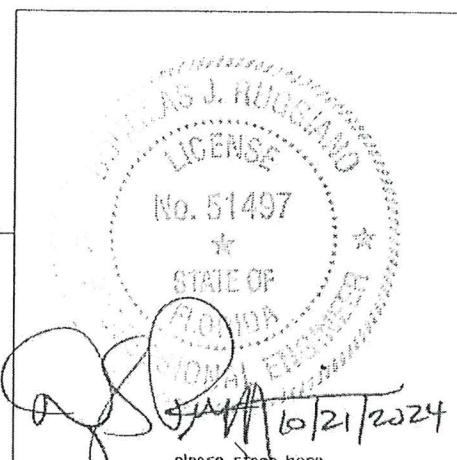
(D) BREAK PROFILE OF TYPICAL ROOF INSULATION CHANNEL

Material: 16ga Galvanized Sheet Metal Steel



NOTE:

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TITLE

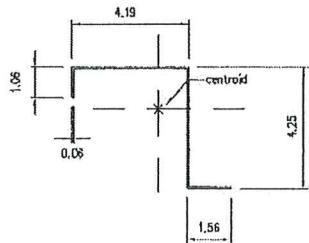
OUTDOOR STYLE AIR HANDLING UNIT, PENTAK

JOB NO.	DRAWN BY	DY	DWG NO.	6945	PAGE	14	OF	15	REVISION	1	(JAN 12, 2011)
TAG	DATE	JAN 12, 2011	TYPE	OUTDOOR	DWG UNITS	IN			REVISION	3	(JUL 18, 2016)

Mechanical Properties of Wallcap

Ⓐ BREAK PROFILE OF WALLCAP

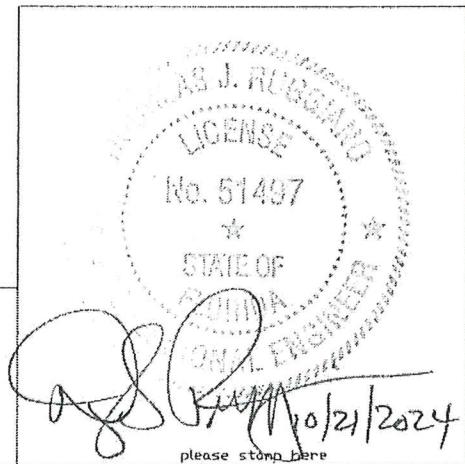
Material: 16ga Galvanized Sheet Metal Steel



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TITLE					
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TAG		DATE		JAN 12, 2011	TYPE OUTDOOR
DWG UNITS	IN	REVISION	1 (JAN 12, 2011)		
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