



MIAMI-DADE COUNTY
 BUILDING CODE COMPLIANCE OFFICE (BCCO)
 PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
 METRO-DADE FLAGLER BUILDING

140 WEST FLAGLER STREET, SUITE 1603
 MIAMI, FLORIDA 33130-1563
 (305) 375-2901 FAX (305) 375-2908

www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Ventrol Air Handling Systems, Inc.
 9100 Rue du Parcours
 Montreal, Quebec, H1J 2Z1

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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: Ventrol Series "ITF" Air Handling Unit

APPROVAL DOCUMENT: Drawing No. 5019, titled "Ventrol Series "ITF" Air Handling Unit ", sheets 1 through 5 of 5, prepared by Ventrol Air handling Systems, Inc., dated September 30, 2005, signed and sealed by John D. Winslow, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, 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 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.**



Helmy A. Makar
 12/29/2005

NOA No 05-0411.02
 Expiration Date: 12/29/2010
 Approval Date: 12/29/2005
 Page 1

Ventrol Air Handling Systems, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 5019, titled "Ventrol Series "ITF" Air Handling Unit ", sheets 1 through 5 of 5, prepared by Ventrol Air handling Systems, Inc., dated September 30, 2005, signed and sealed by John D. Winslow, P.E.*

B. TESTS

1. *Test reports on 1) Air Infiltration Test, per SFBC, PA 202-94
2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
3) Water Resistance Test, per SFBC, PA 202-94
4) Large Missile Impact Test per SFBC, PA 201-94
5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
along with marked-up drawings and installation diagram of Ventrol Series "ITF" Air Handling Unit, prepared by Intertek ETL Semko, Test Report No. 3067168, dated March 16, 2005, signed and sealed by Stephen J. Emerman, P.E.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

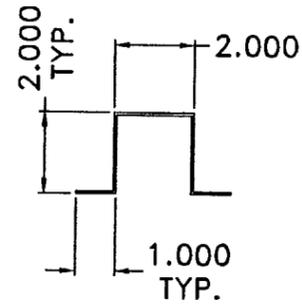
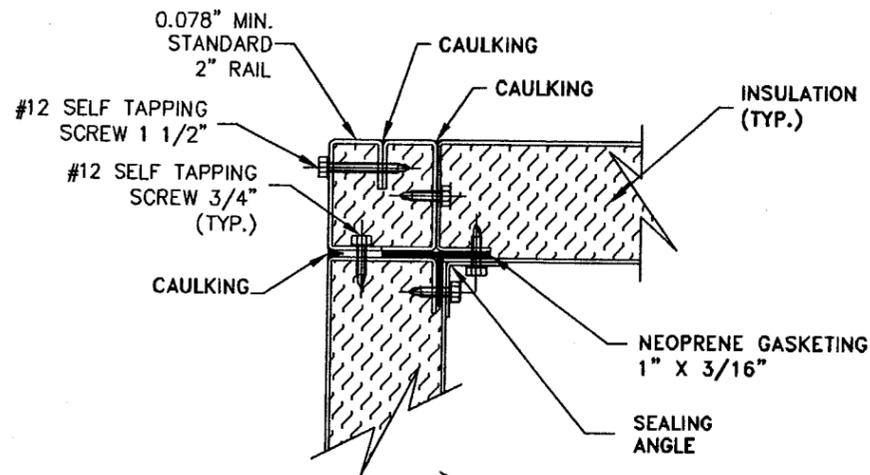
E. MATERIAL CERTIFICATIONS

1. *Tensile test report prepared by Intertek ETL Semko, Test Report No. 3067168, dated March 16, 2005, signed and sealed by Stephen J. Emerman, P.E.*

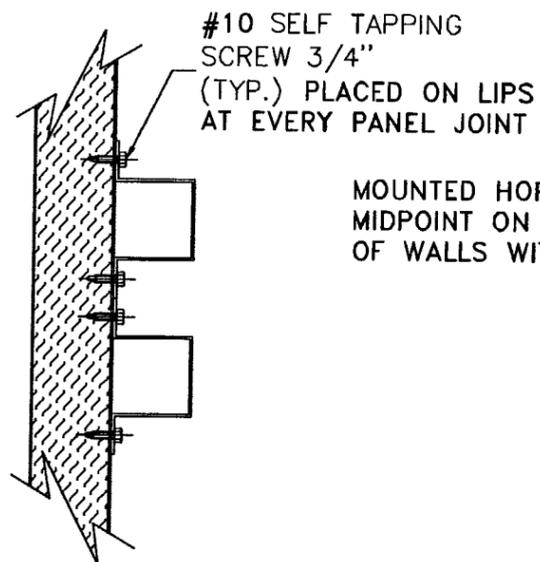
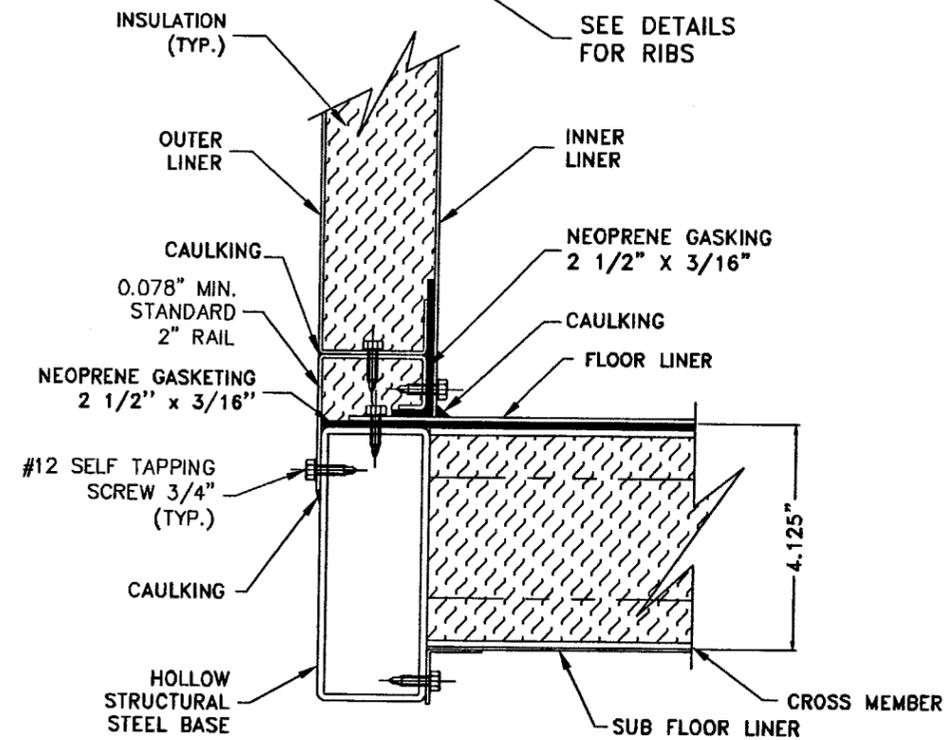
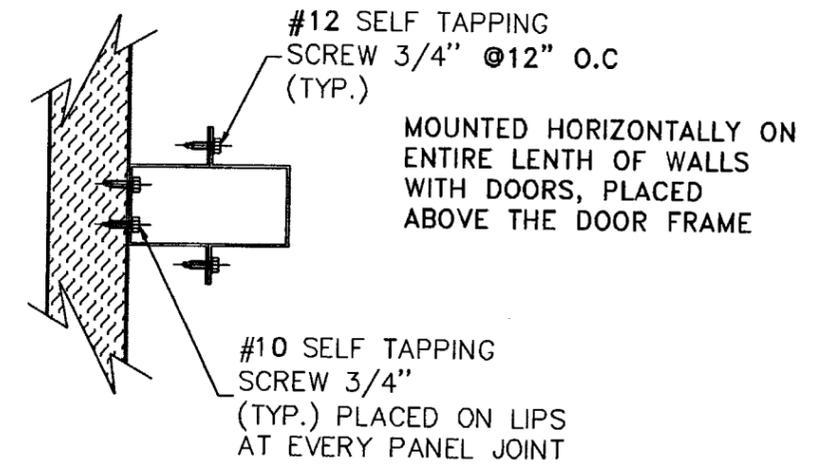


Helmy A. Makar, P. E.
Product Control Examiner
NOA No 05-0411.02
Expiration Date: 12/29/2010
Approval Date: 12/29/2005

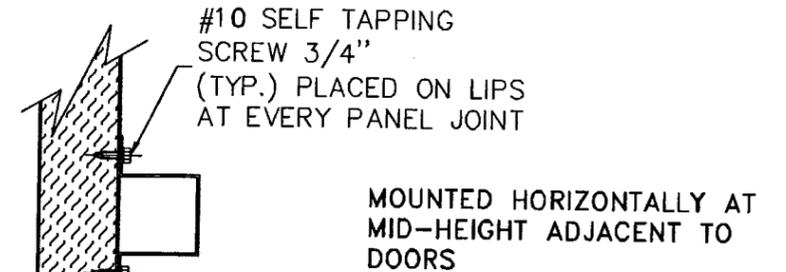
REINFORCING RIBS



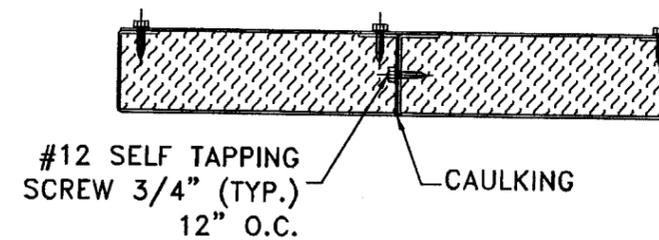
COMPOSED OF "HAT SHAPES",
16 ga (0.063) G90 GALV. STEEL
2" HIGH AND 4" WIDE



MOUNTED HORIZONTALLY AT
MIDPOINT ON ENTIRE LENGTH
OF WALLS WITHOUT DOORS



PANEL CONNECTION



1-DOUBLEWALL THICKNESS CAN BE FROM 2 TO 4 INCHES. THE SEMI-RIGID BLANKET-TYPE FIBERGLASS INSULATION HAS THERMAL AND ACOUSTICAL PROPERTIES THAT MEET OR EXCEED A 3 POUND DENSITY RATING. THE DUAL-DENSITY MATERIAL MEETS THE EROSION REQUIREMENTS UL 181 FACING THE AIRSTREAM AND A FIRE HAZARD CLASSIFICATION OF 25 / 50 (PER ASTM E 84 AND UL 723).

2-STANDARD INNER LINERS ARE SOLID 0.040" (MIN) ALUMINUM SHEET ALLOY 3003H14, FY=22.5 KSI
OPTIONAL LINERS INCLUDE 0.050", 0.063", 0.080", 0.100" ALUMINIUM, 0.039", 0.051", 0.059", GALV. STEEL AND 0.039", 0.051", 0.059" STAINLESS STEEL

3-STANDARD OUTER PANELS ARE SOLID 0.059" (MIN.) G90 GALV. STEEL SHEET ASTM A653, FY= 53.6 KSI
OPTIONAL OUTER PANELS INCLUDE 0.071", 0.104" GALV. STEEL AND 0.059", 0.071", 0.104" STAINLESS STEEL

4-ALL SCREWS 12" O.C. UNLESS OTHERWISE SPECIFIED.

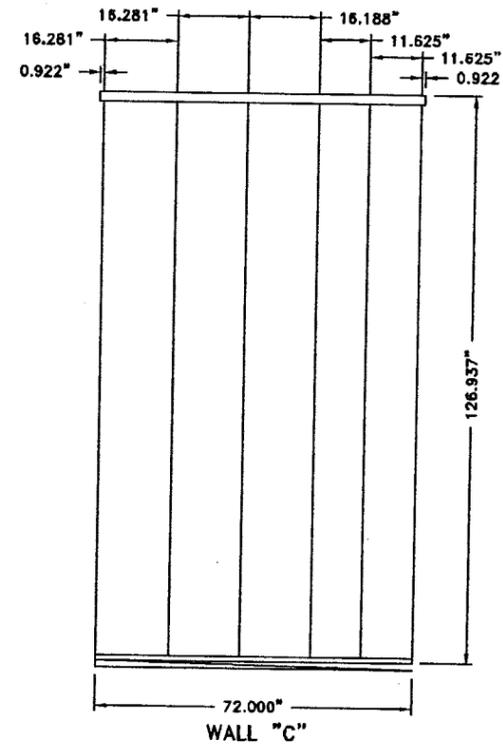
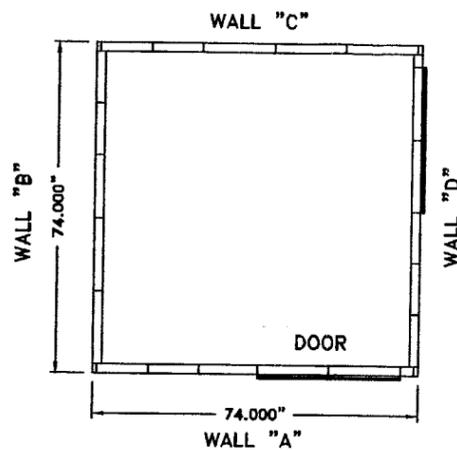
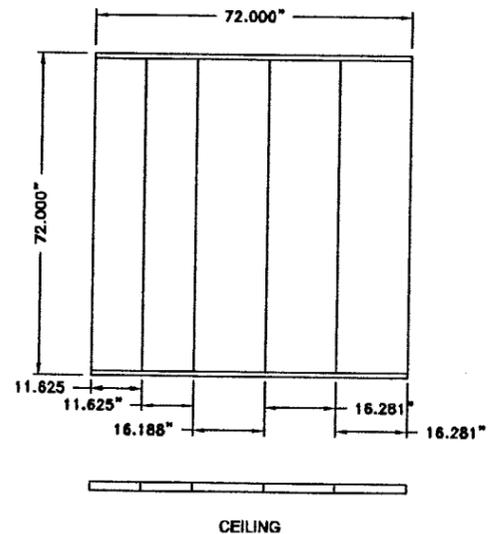
Approved as complying with the
Florida Building Code
Date 12/29/2005
NOAH 05-04-11-02
Miami Dade Product Control
Division
By Helmut A. Mohr

John Dan

Ventrol		TITLE/TITRE: VENTROL SERIES ITF	
Air Handling Systems		Systèmes de traitement d'air	
PROJECT # / NO. PROJET:		DWG. # / NO. DESSIN: 5019	
DRAWING BY / DESSINE PAR: B.N.	DATE: 09/30/2005	SCALE: NTS	REV. 05
LOCATION / LOCALISATION:		PAGE: 2 OF 5	

REV.	ECD NO. DCI NO.	DESCRIPTION	REV. BY REV. PAR	APP. BY APP. PAR	DATE
VERIFICATION TABLE / TABLE DE VERIFICATION					

LES PLANS, SPECIFICATIONS ET DONNEES TECHNIQUES, SOUMIS ET JOINTS, OU QUI PEUVENT ETRE SOUMIS, RESTENT LA PROPRIETE DE SYSTEMES DE TRAITEMENT D'AIR VENTROL INC ET NE DOIVENT PAS ETRE REPRODUITS, OU ALTERES OU UTILISES TOTALEMENT OU PARTIELLEMENT EN TANT QUE BASE POUR FABRICATION SANS LE CONSENTEMENT ECRIT DE SYSTEMES DE TRAITEMENT D'AIR VENTROL INC. LES REVELATIONS ICI SONT PROTEGEES PAR DES BREVETS ENLIS OU EN SUSPENS.
PLANS, SPECIFICATIONS AND ENGINEERING DATA SUBMITTED HEREWITH OR WHICH MAY BE SUBMITTED, REMAIN THE PROPERTY OF VENTROL AIR HANDLING SYSTEMS INC. AND SHALL NOT BE REPRODUCED OR ALTERED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE WITHOUT EXPRESS CONSENT OF VENTROL AIR HANDLING SYSTEMS INC. DISCLOSURES SHOWN HEREON ARE COVERED BY PATENTS ISSUED OR PENDING.

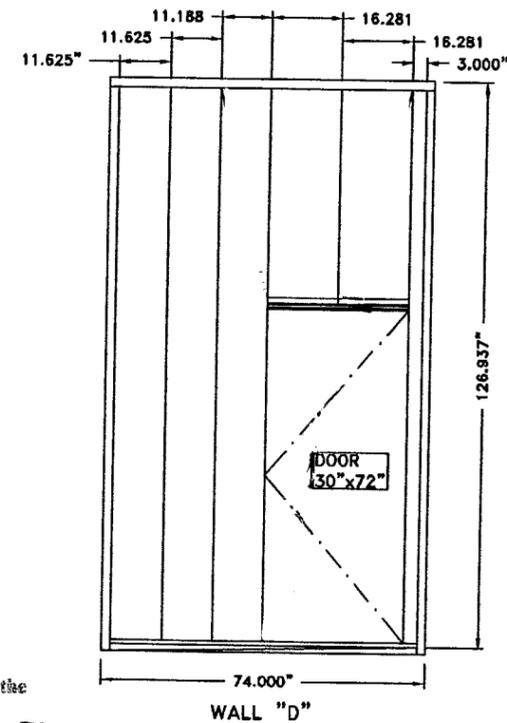
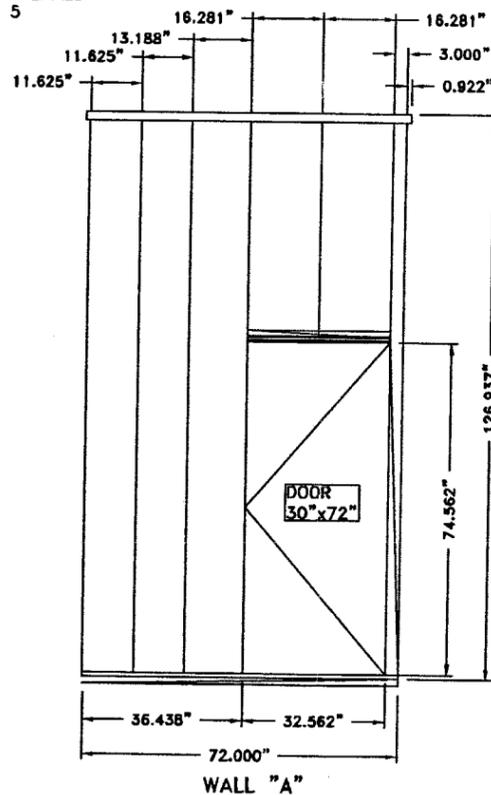
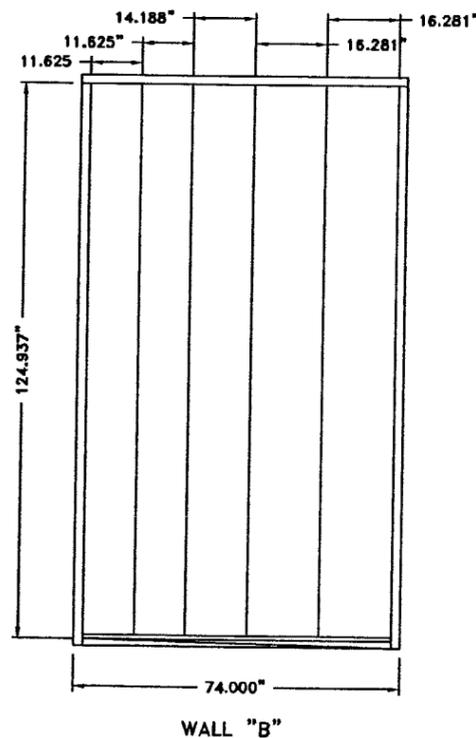


LEGEND

16 ga GALV EXT. (0.059" MIN)

0.040 ALUM INT.

SEE OPTIONAL MATERIALS ON PAGE 2 OF 5



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 NOAH 05-0411-02
 Miami Dade Product Control
 Division
 By Helmy A. Matar

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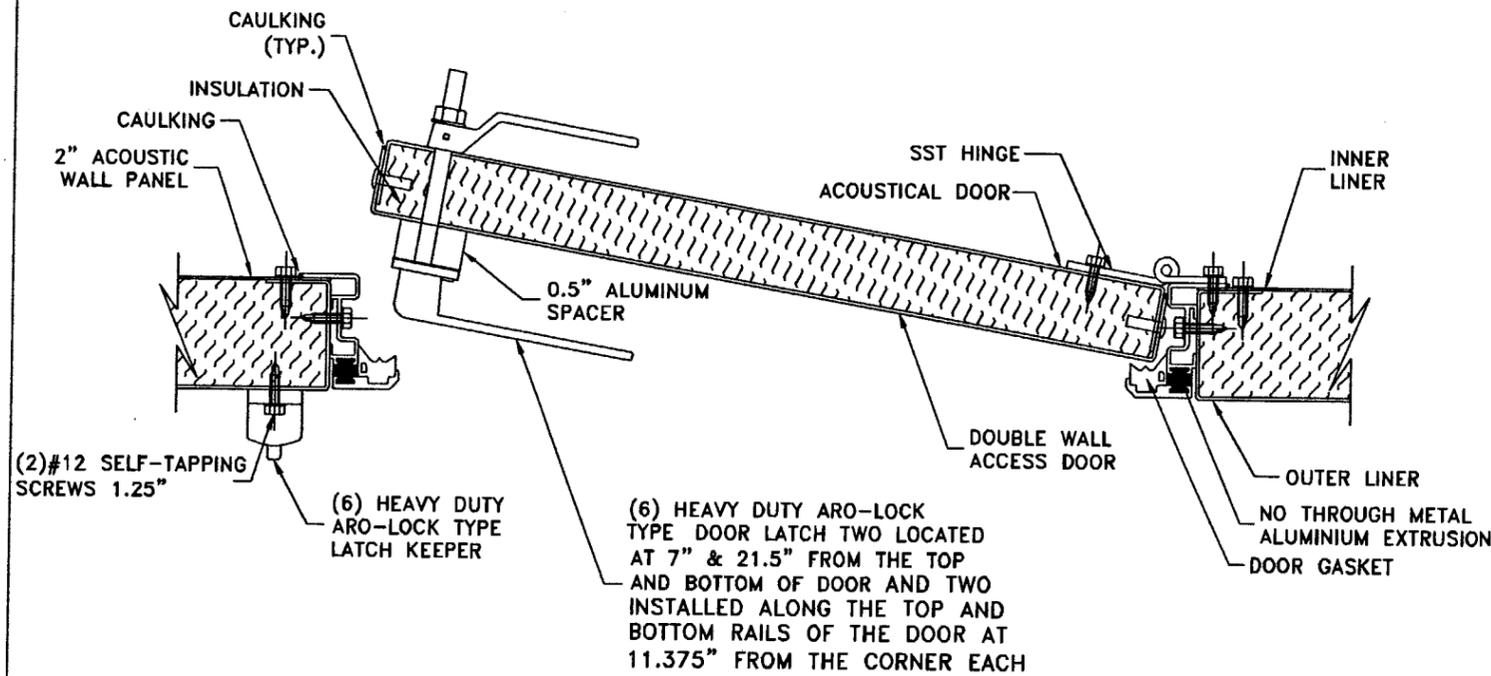
Ventrol		TITLE / TITRE: VENTROL SERIES ITF	
Air Handling Systems Systèmes de traitement d'air		AIR HANDLING UNIT	
PROJECT # / NO. PROJET:		DWG. # / NO. DESSIN: 5019	
REV. ECD NO. DCI NO.	DESCRIPTION	REV. BY REV. PAR	APP. BY APP. PAR DATE
			B.N. 09/30/2005 NTS 05
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IN-SWING DOOR

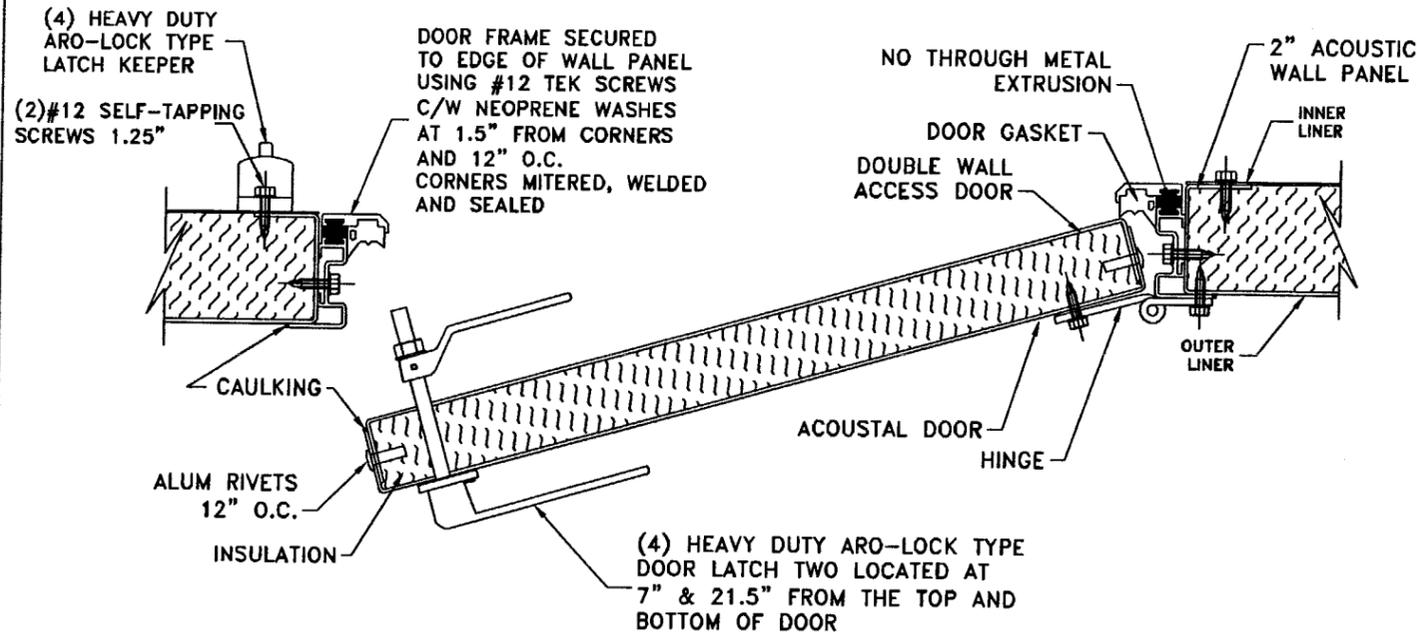


MAX SIZE DOORS
EXTERIOR SWING DOOR: 30" X 72"
INTERIOR SWING DOOR: 30" X 72"

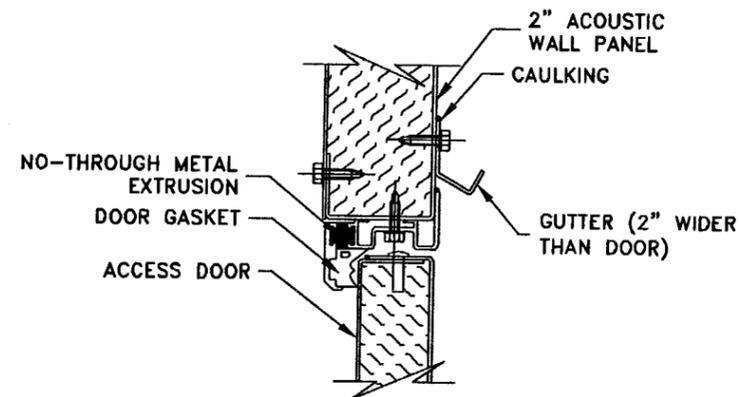
HANDLES
-HEAVY DUTY ARO-LOCK TYPE HANDLES
-6 HANDLES ON IN-SWING DOOR
-4 HANDLES ON OUT-SWING DOOR

DOOR PANEL
-OUTER PANEL 16 ga (0.063) MIN. G90 GALV. STEEL
SAME OPTIONAL MATERIALS AS ON PAGE 2 OF 5
-INNER LINER 0.040 MIN ALUMINUM SHEET
SAME OPTIONAL MATERIALS AS ON PAGE 2 OF 5

OUT-SWING DOOR



RAIN GUTTER DETAIL



HINGES
HEAVY DUTY STAINLESS STEEL HINGES (3) LOCATED 7.5" FROM THE TOP AND BOTTOM AND ONE LOCATED AT 36.5". EACH HINGE IS SECURED TO THE DOOR USING (3) #12 TEK SCREWS C/W NEOPRENE WASHERS AND TO THE DOOR FRAME USING (2) #12 TEK SCREWS C/W NEOPRENE WASHERS EACH.

Approved as complying with the Florida Building Code
Date 12/29/2005
NOAH 05-04-11-02
Miami Dade Product Control Division
By *Halving A. Hahn*

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Ventrol		TITLE/TITRE: VENTROL SERIES ITF	
Air Handling Systems		Systèmes de traitement d'air	
SUBJECT # / NO. PROJET:		DWG. # / NO. DESSIN: 5019	
DATE: 09/30/2005	REV. BY: B.N.	DATE: 09/30/2005	REV. BY: NTS

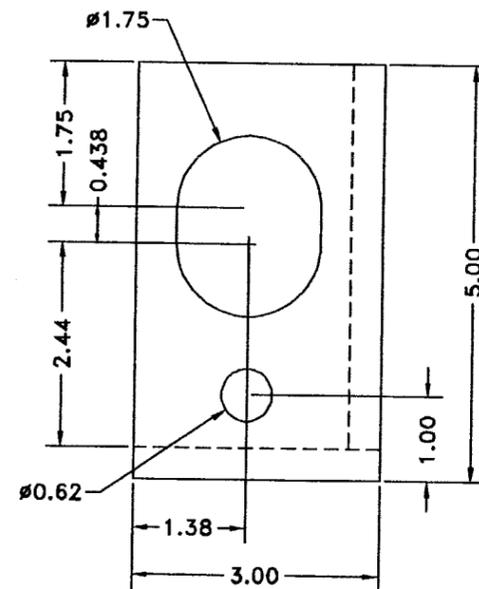
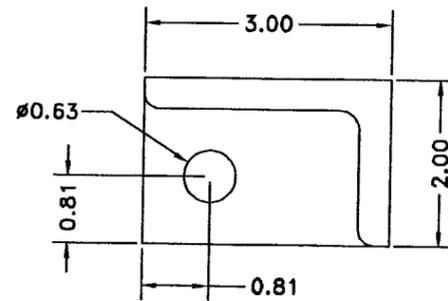
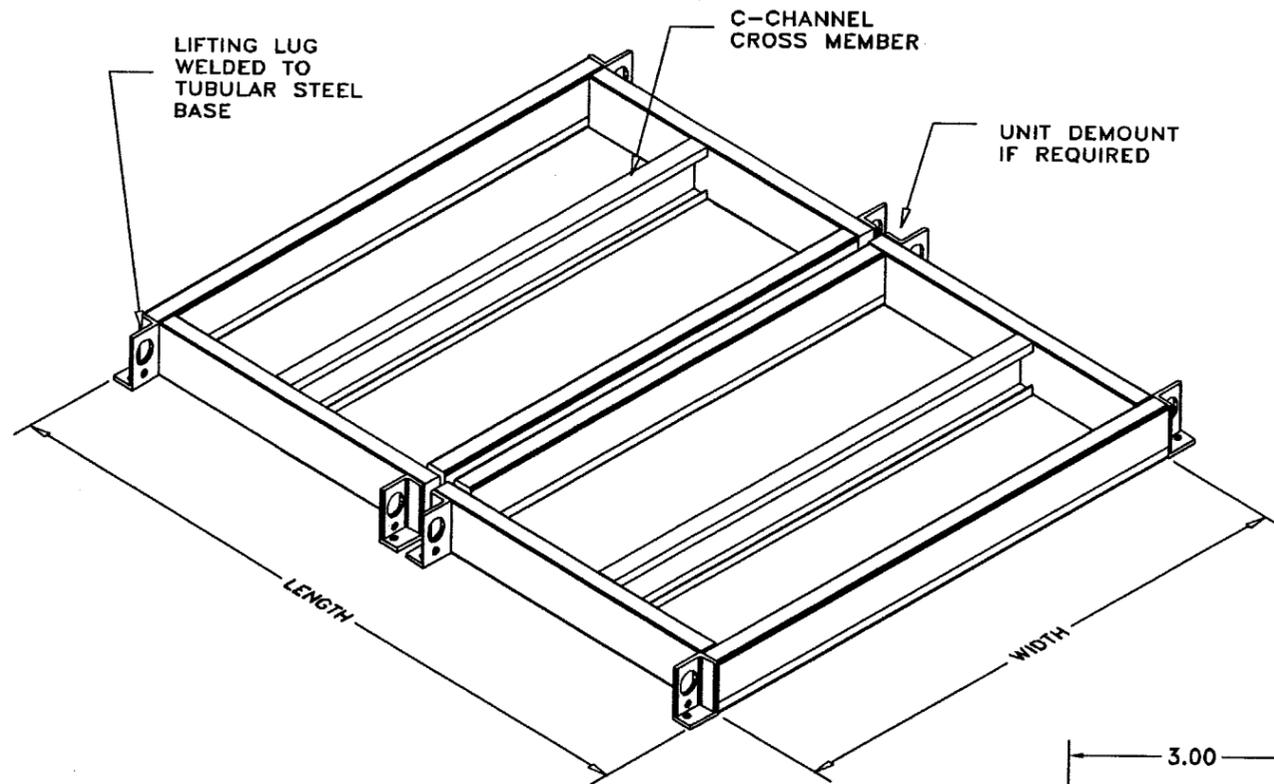
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PLANS, SPECIFICATIONS AND ENGINEERING DATA SUBMITTED HEREWITH OR WHICH MAY BE SUBMITTED, REMAIN THE PROPERTY OF VENTROL AIR HANDLING SYSTEMS INC. AND SHALL NOT BE REPRODUCED OR ALTERED OR USED IN WHOLE OR IN PART AS THE BASIS FOR MANUFACTURE WITHOUT EXPRESS CONSENT OF VENTROL AIR HANDLING SYSTEMS INC. DISCLOSURES SHOWN HEREON ARE COVERED BY PATENTS ISSUED OR PENDING.

PAGE: 4 OF 5



TYPICAL LIFTING LUG

- 1-ALL JOINTS OF STRUCTURAL MEMBERS ARE CONTINUOUSLY ARC WELDED.
- 2-UNIT BASE SHOWN IS COMPLETELY PRIMED AND PAINTED PRIOR TO FLOOR PANEL ATTACHMENT.
- 3-THE UNIT BASE FRAME PRERIMETER IS FULLY WELDED 0.125" (MIN.) THICKNESS STRUCTURAL STEEL TUBING.
- 4-THE UNIT BASE FRAME IS FITTED WITH 18 GA STEEL C-CHANNEL CROSS SUPPORT MEMBERS ON 16" O.C. (MAX.).
- 5-DESIGN AND SIZE OF FRAMEWORK WILL VARY AND THEIR STRUCTURAL ADEQUACY AS WELL AS THAT OF THE SUPPORT AND ATTACHMENT TO THE ROOF ARE NOT PART OF THE SCOPE OF THIS APPROVAL. THIS SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENTS.
- 6-ATTACHMENT TO THE ROOF TO PREVENT SLIDING AND OVERTURNING OF THE AIR HANDLING UNIT IS NOT PART OF THE SCOPE OF THIS PRODUCT APPROVAL. THEY SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT.
- 7-FLOOR MATERIAL: 16 ga (0.063) MIN. G90 GALV. STEEL SHEET. OPTIONAL MATERIALS INCLUDE 0.071", 0.104" GALV STEEL, 0.063", 0.071", 0.104" STAINLESS STEEL AND 0.125", 0.188" ALUMINIUM TREAD PLATE
- 8-OUTER FLOOR: 20 ga (0.039) MIN. G90 GALV. STEEL SHEET.

Approved as complying with the
 Florida Building Code
 Date 12/29/2005
 NOA# 05-0411.07
 Miami Dade Product Control
 Division
 By Helmut A. Miller

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Ventrol		TITLE / TITRE: VENTROL SERIES ITF	
Air Handling Systems		Systèmes de traitement d'air	
PROJECT # / NO. PROJET:		DWG. # / NO. DESSIN:	
DRAWING BY / DESSINE PAR: B.N.	DATE: 09/30/2005	SCALE: NTS	REV. 05
LOCATION / LOCALISATION:		PAGE: 5 OF 5	

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