



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

NOTICE OF ACCEPTANCE (NOA)

York International Corp.
1499 E. Philadelphia Street
York, PA 17403

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: Solution Air Handling Unit

APPROVAL DOCUMENT: Drawing No. MT , titled " Solution XT Rooftop AHU Assembly ", sheets 1 through 19 of 19, prepared by Mechanical Engineering Solutions, Inc., signed and sealed by Mark E. Awmilller, P.E. on November 18, 2004, 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 (s) as well as approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E.**



Helmy A. Makar
 12/09/2004

NOA No 04-0816.03
 Expiration Date: 12/09/2009
 Approval Date: 12/09/2004

York International Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. MT, titled "Solution XT Rooftop AHU Assembly", sheets 1 through 19 of 19, prepared by Mechanical Engineering Solutions, Inc., signed and sealed by Mark E. Awmiller, P.E. on November 18, 2004*

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
along with marked-up drawings and installation diagram of Solution XT Air Handling Unit, prepared by Architectural Testing, Test Report No. 47804.01-122-18, dated July 12, 2004, signed and sealed by Steven M. Urich, P.E.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *Die Drawings.*

F. STATEMENTS

1. *Statement letter of conformance, dated August 6, 2004, signed and sealed by Mark E. Awmiller, P.E.*
2. *Statement letter of no financial interest, dated August 6, 2004, signed and sealed by Mark E. Awmiller, P.E.*

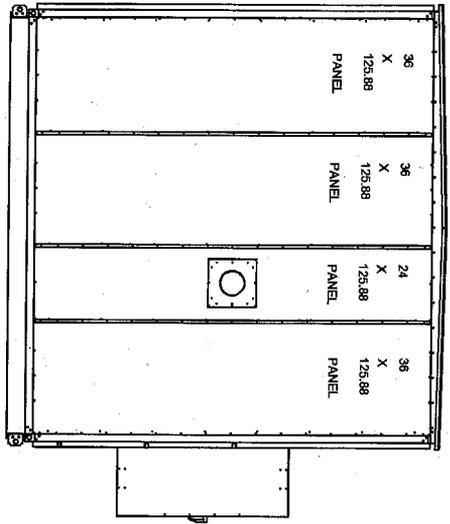


Helmy A. Makar, P. E.
Product Control Examiner
NOA No 04-0816.03
Expiration Date: 12/09/2009
Approval Date: 12/09/2004

Panels:
Sides & Ends: 16 Ga Outer & Liner
Floor & Roof: 18 Ga Outer & Liner

Fasteners:
Sides Walls: 4.00" Max Centers
Floor & Roof: 8.00" Max Centers

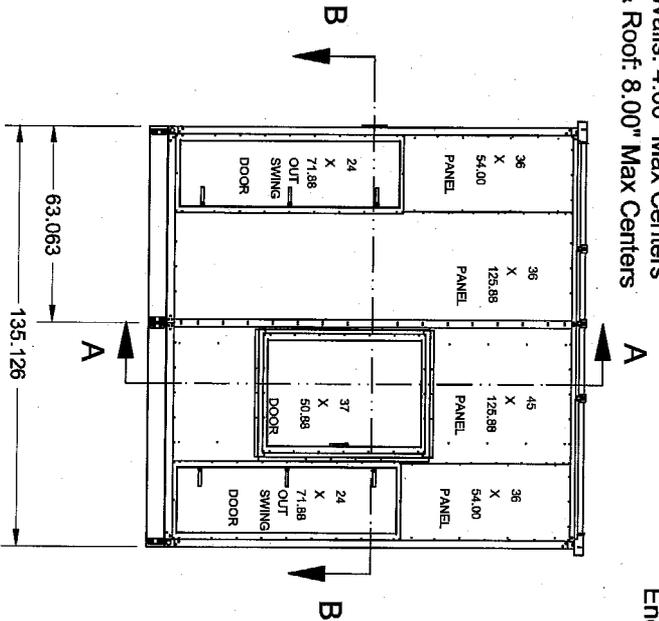
Inside Supports:
Sides: 16 GA Hat Channel per side 086-02108-358
Ends: 12 GA Hat Channel per end 086-02108-869



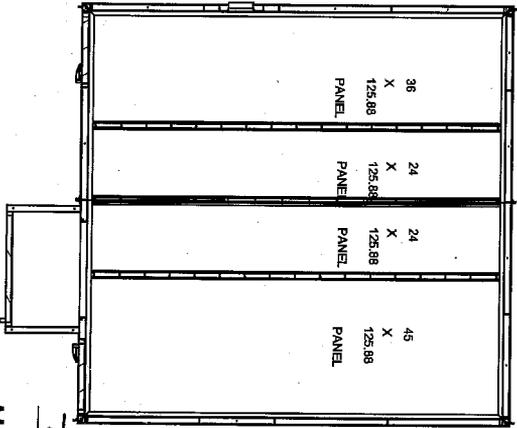
ALLOWABLE DESIGN LOAD			
COMPONENT	POSITIVE	NEGATIVE	
WALL/FLOOR	65 PSF	65 PSF	
ROOF	48.75 PSF	48.75 PSF	

GENERAL NOTES:

1. THE AIR HANDLING UNIT ASSEMBLY HAS BEEN TESTED AND ANALYZED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN LOADS" TABLE FOR THE MAXIMUM SIZED PANEL DIMENSIONS AND FRAMING DISTANCE SPACING INDICATED ON THE DRAWINGS.
2. THE DETAILS AND SPECIFICATIONS SHOWN ON ALL SHEETS INDICATED REPRESENT THE PRODUCTS AND MATERIALS TESTED AND PROPOSED FOR WATER, AIR, IMPACT, CYCLIC AND UNIFORM STATIC AIR PRESSURE TESTING IN ACCORDANCE WITH FLORIDA STATE BUILDING CODE PROTOCOLS TAS 201, TAS 202, AND TAS 203 FOR LARGE MISSILE IMPACT. ADDITIONALLY, THE PRODUCT WAS TESTED IN ACCORDANCE WITH ASTM E72 FOR COMPONENT SYSTEM RACKING AND ASTM E8 FOR TENSION TESTING OF THE MATERIAL COMPONENTS.
3. ATTACHMENT TO THE ROOF AND THE ROOF CURB TO PREVENT SLIDING AND OVERTURNING OF THE AIR HANDLING UNIT IS NOT PART OF THE SCOPE OF THIS PRODUCT APPROVAL. THESE ELEMENTS SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT.
4. IT SHALL BE THE RESPONSIBILITY OF THE PERMIT HOLDER TO VERIFY STRUCTURAL INTEGRITY OF THE ROOFBUILDING STRUCTURE TO SUPPORT ALL LOADS (WIND AND STATIC).
5. INTERIOR MOUNTED MECHANICAL EQUIPMENT IS NOT PART OF THIS PRODUCT APPROVAL AND SHALL BE DESIGNED AND INSTALLED BY YORK INTERNATIONAL IN ACCORDANCE WITH ALL APPLICABLE CODES AND STANDARDS. INTERNAL SUPPORT OF THESE INTERIOR COMPONENTS IS ALSO OUTSIDE THE SCOPE OF THIS PRODUCT APPROVAL.
6. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS AND SHALL NOT VARY UNLESS SPECIFICALLY STATED ON THE DRAWINGS.
7. ALL METAL THICKNESSES FOR PANELS, STRUCTURAL SUPPORT ELEMENTS AND OTHER COMPONENTS SHALL BE THE MINIMUM SPECIFIED GAGES (SEE SHEET 3 OF 19 FOR METAL GAGE DIMENSIONAL INFORMATION) OR DIMENSIONS INDICATED ON THE DRAWINGS.
8. ALL SHEET STEEL COMPONENTS SHALL BE MINIMUM 44 KSI SHEET STEEL AT THE SPECIFIED THICKNESS THAT CONFORMS TO ASTM A653, WITH 980U GALVANIZED FINISH.

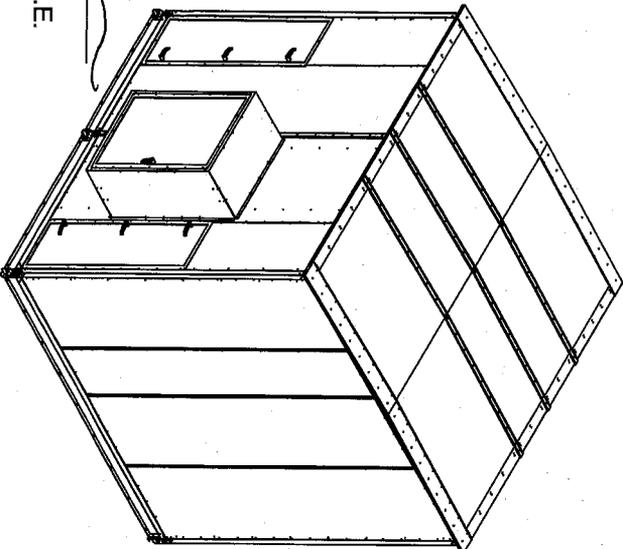


SECTION A-A



SECTION B-B

Mark E. Awmiller, P.E.
P.E. No. 53973
Date: 12/3/04



YORK INTERNATIONAL

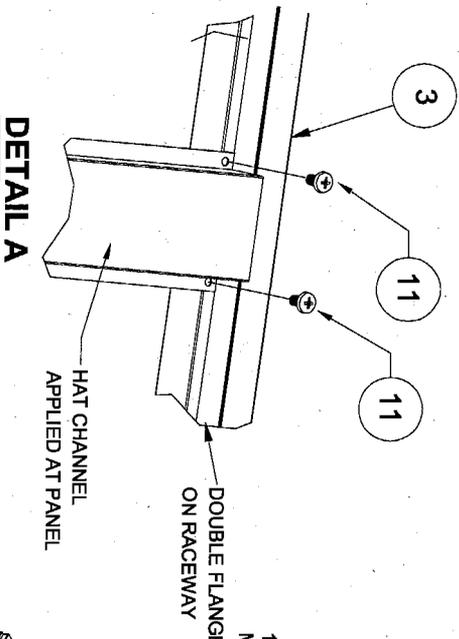
AIRSIDE PRODUCTS GROUP

REV	DATE	REVISION RECORD	DR.	CHG. NO.	DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPEC.	ALL PROPRIETARY RIGHTS IN THE SUBJECT MATTER HEREOF ARE RESERVED AND NO PERMISSION IS GRANTED TO REPRODUCE THIS INFORMATION FROM IT TO OTHERS WITHOUT THE WRITTEN CONSENT OF YORK INTERNATIONAL, CORP.
E	05-26-04	ADDED NOTES	HRD		Solution XT Rooftop AHU Assembly	MATERIAL TYP: GALV STL THICKNESS: MASTER MODEL: DRAWING NUMBER MT1-A
D	1/28/04	ADDED HAT CHANNELS ON EXTERIOR SIDES	DRR			
C	12/29/03	ADDED HAT CHANNELS ON INTERIOR	DRR			
B	10/28/03	ADDED 9" TO FS AND ADDED CONTROLS	DRR			
A	09/24/03	SEG WIDTH CHANGED FROM 86 TO 138	DRR			

CORNER ASSEMBLY INSTRUCTIONS:

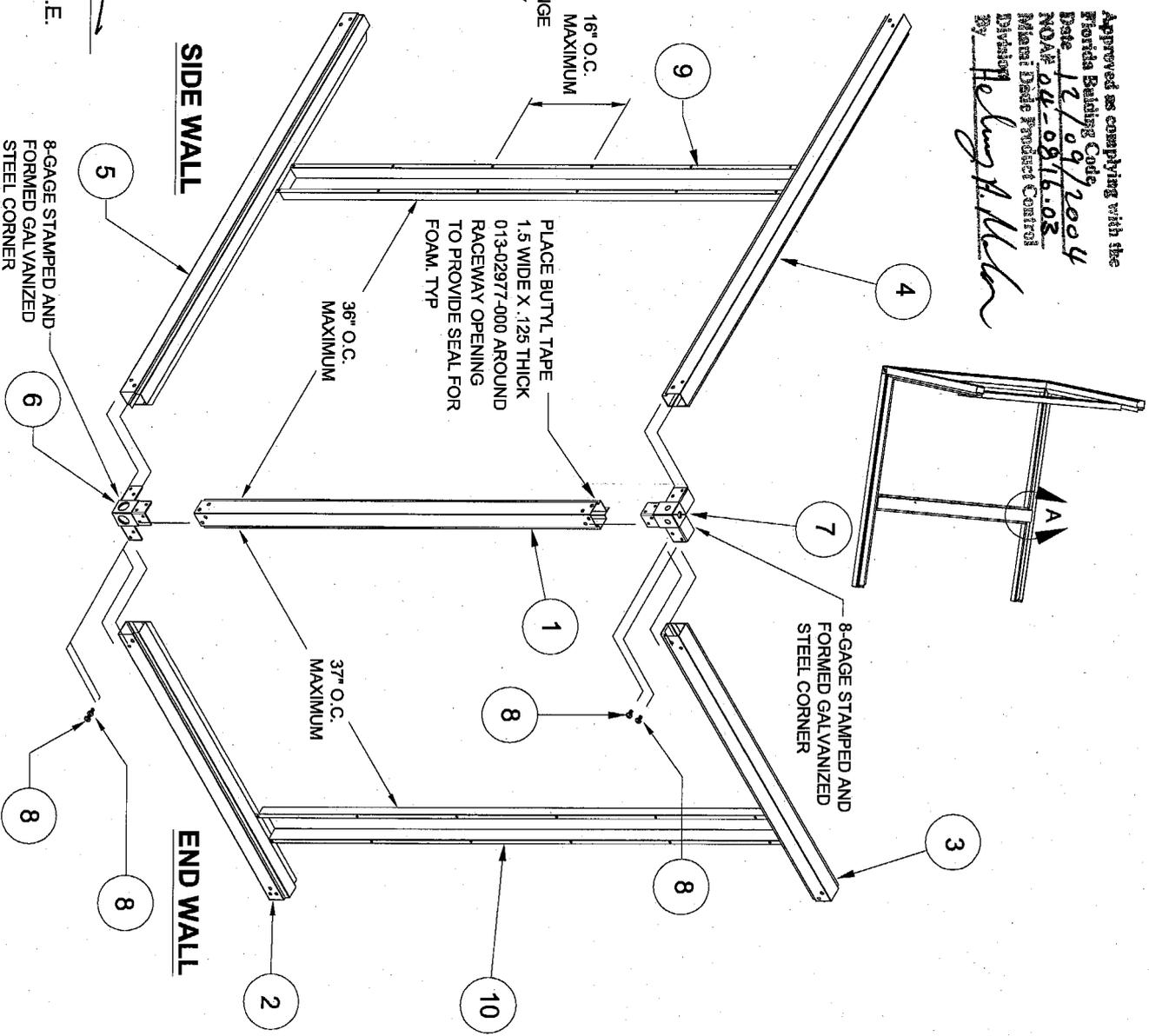
- 1) ATTACH DOA RACEWAY (2) WITH CORNER CONNECTOR (6)
- 2) USING HARDWARE (8) - 2 SCREWS
- 3) ATTACH END RACEWAY (5) WITH CORNER CONNECTOR (6)
- 4) USING HARDWARE (8) - 2 SCREWS
- 5) ATTACH VERTICAL RACEWAY (1) TO CORNER CONNECTOR (6)
- 6) USING HARDWARE (8) - 4 SCREWS
- 7) ATTACH DOA RACEWAY (3) TO CORNER CONNECTOR (7)
- 8) USING HARDWARE (8) - 2 SCREWS
- 9) ATTACH END RACEWAY (4) TO CORNER CONNECTOR (7)
- 10) USING HARDWARE (8) - 2 SCREWS
- 11) ATTACH SIDE HAT CHANNEL (9) TO UPPER AND LOWER RACEWAY (4) & (5) USING HARDWARE (11) - 4 SCREWS
- 12) ATTACH FRONT HAT CHANNEL (10) TO UPPER AND LOWER RACEWAY (2) & (3) USING HARDWARE (11) - 4 SCREWS

THREE OTHER CORNERS ARE ATTACHED IN THE SAME MANNER.



ITEM	DESCRIPTION
1	Vertical Raceway
2	F/A Bottom Raceway
3	F/A Top Raceway
4	End Top Raceway
5	End Bottom Raceway
6	Bottom Corner Assembly
7	Top Corner Assembly
8	Screw, hex socket button head 3/8 - 16 x 3/4 zinc plated
9	Side Wall Hat Channel
10	End Wall Hat Channel
11	Screw, panhead, 1/4 - 14x1" zinc plated

Approved as complying with the
Florida Building Code
Date 12/09/2004
NOA# 04-0816.03
Miami Dade Product Control
Division
By Heung H. Walker

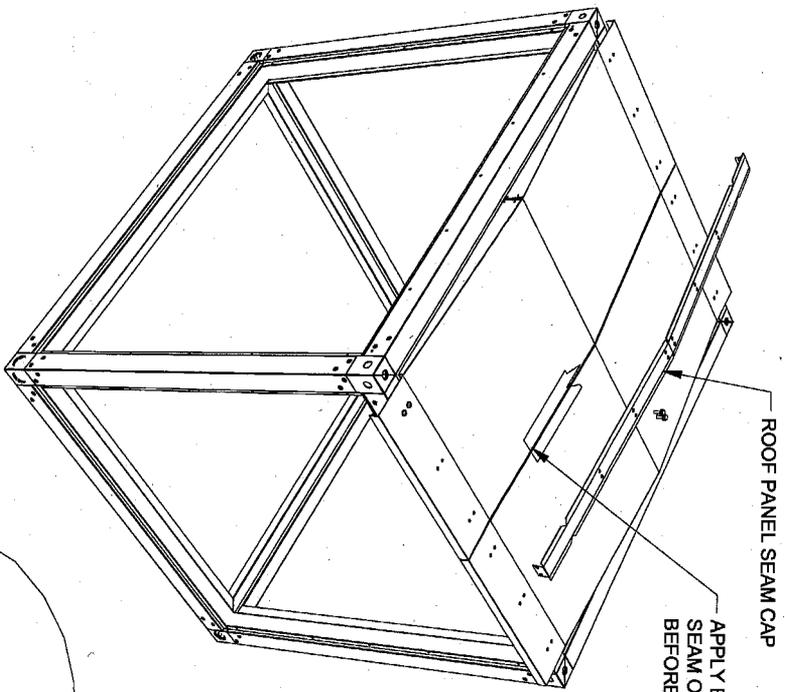


Marked
Mark E. Awmiller, P.E.
P.E. No. 53973
Date: 11/19/04

YORK INTERNATIONAL
AIRSIDE PRODUCTS GROUP

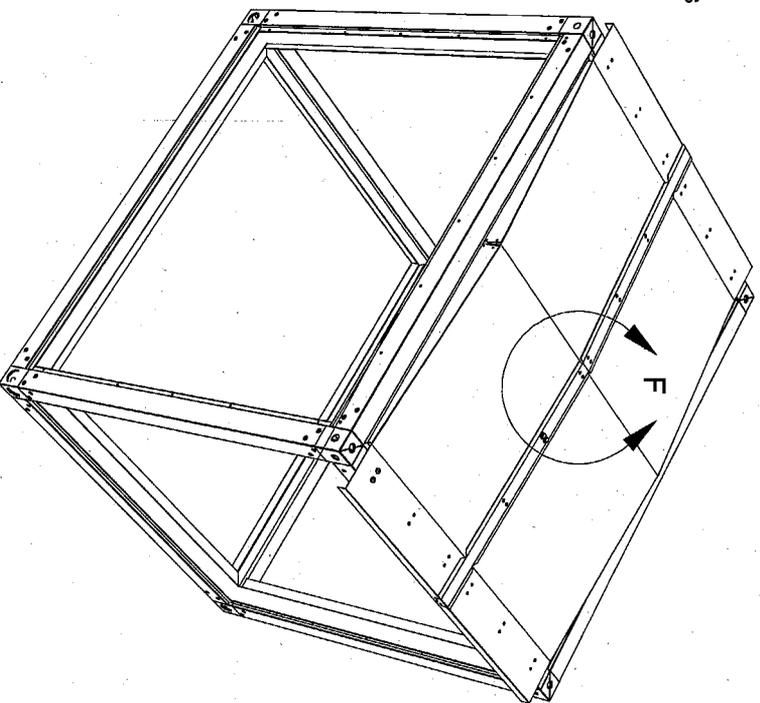
REV	LEV	DATE	REVISION RECORD	DR.	CHG. NO.	DESCRIPTION	SCALE	ENGINEER
-		04/17/03	NEW	DRR	0703-0148		A	MT1-B

CORNER ASSEMBLY & INTERNAL FRAMING
MATERIAL TYPE: N/A
CUT SIZE:
SCALE: NTS
SHEET: 2 OF 19

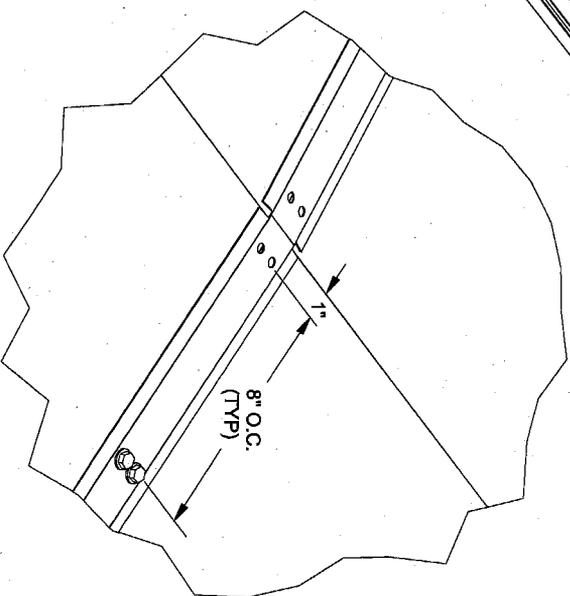


ROOF PANEL SEAM CAP

APPLY BUTYL TAPE ALONG SEAM OVERLAPPING THE ROOF PANELS BEFORE SEAM CAP IS SECURED.



STANDARD METAL THICKNESS		
METAL GAGE	MIN THICKNESS (IN.)	YIELD STRENGTH MINIMUM (KSI)
8	0.157	33.0
10	0.128	33.0
12	0.097	33.0
14	0.070	44.0
16	0.056	44.0
18	0.045	44.0
20	0.034	44.0



DETAIL F

AFTER BUTYL TAPE IS APPLIED AS SHOWN ABOVE SECURE SEAM CAP AS SHOWN IN DETAIL F WITH SCREW, TEK, EPDM, PLTD, 0.25-14 X 1", ALONG TOP AND INTO SIDE AS WELL.

Marked

Mark E. Awmiller, P.E.
 P.E. No. 53973
 Date: 11/18/09

Approved as complying with the Florida Building Code
 Date 12/09/2004
 NO# 06-0816-03
 Miami Dade Product Control
 Division
 By *Helmy H. Abdel*

YORK INTERNATIONAL
 AIRSIDE PRODUCTS GROUP

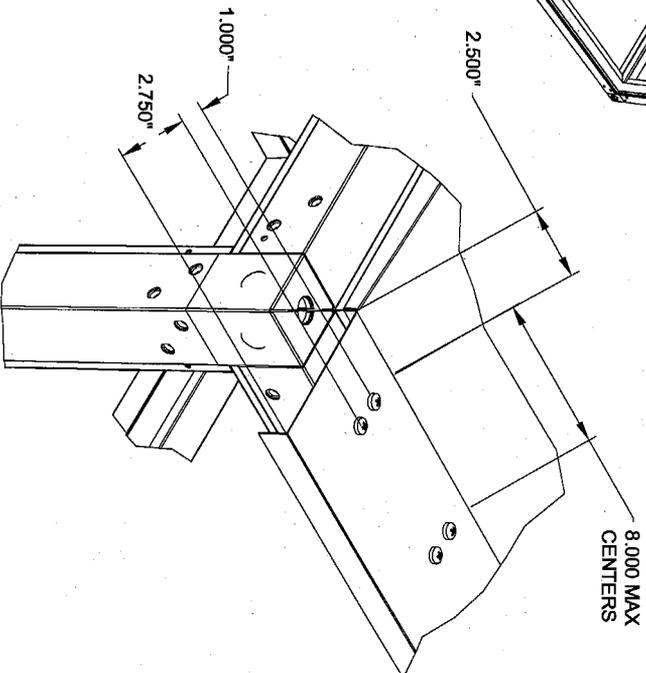
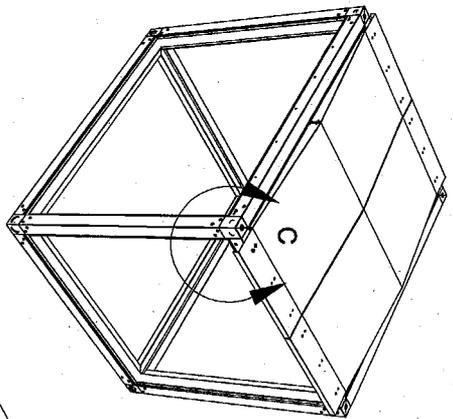
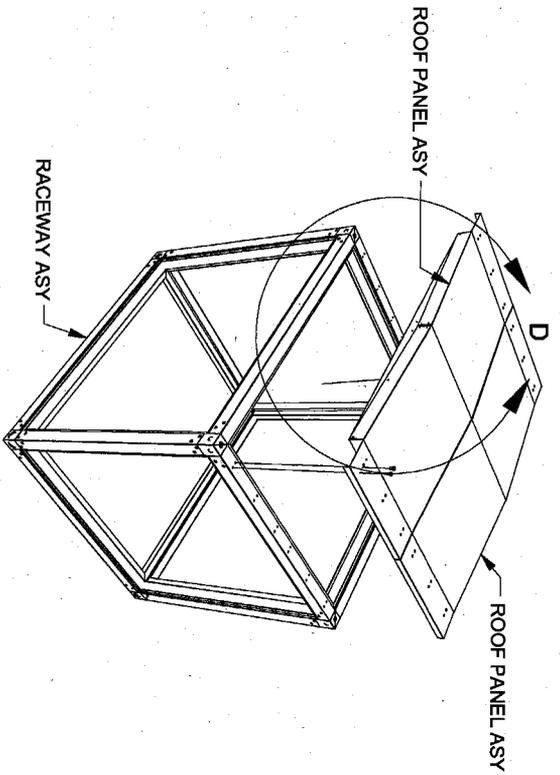
REV	LEV	DATE	REVISION RECORD	DR.	CHG. NO.	DIMENSIONS IN INCHES	TOLERANCES	FINISHES	NOTES
-		4/25/03	NEW	SBP	0703-0148				
A		04/19/04	UPDATED MODEL	DKH	04-112				

MATERIAL TYPE: N/A	ENG. STD: N/A
CUT SIZE:	DRAWING NUMBER
SIZE: A	MT1-C
SCALE: NTS	SHEET: 3 OF 19

ROOF SEAM CAP ASSEMBLY

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. FINISHES ARE TO BE SHOWN IN THE DRAWING. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED.

Approved as complying with the
 Florida Building Code
 Date 12/09/2004
 NOA# 04-0816.03
 Miami Date Product Control
 Division
 By *Anthony H. Helder*



APPLY NEOPRENE TO BOTH SIDES
 OF ROOF PANEL ASY BEFORE PLACING ROOF PANEL
 IN RACEWAY ASY.

APPLY BUTYL TAPE TO RACEWAY
 FLANGE BEFORE PLACING ROOF PANEL INTO
 RACEWAY ASY.

APPLY BUTYL TAPE TO RACEWAY
 FLANGE BEFORE PLACING ROOF PANEL INTO
 RACEWAY ASY.

DETAIL D

AFTER APPLYING NEOPRENE AND BUTYL TAPE AS
 SHOWN IN DETAIL D, PLACE ROOF PANEL INTO RACEWAY
 ASY AND SECURE AS SHOWN IN DETAIL C USING SCREW
 TAP TV A PH 14-10 1/4 X 3/4 PAN HEAD PHILLIPS (#1), TYPE A, ZINC PLATED

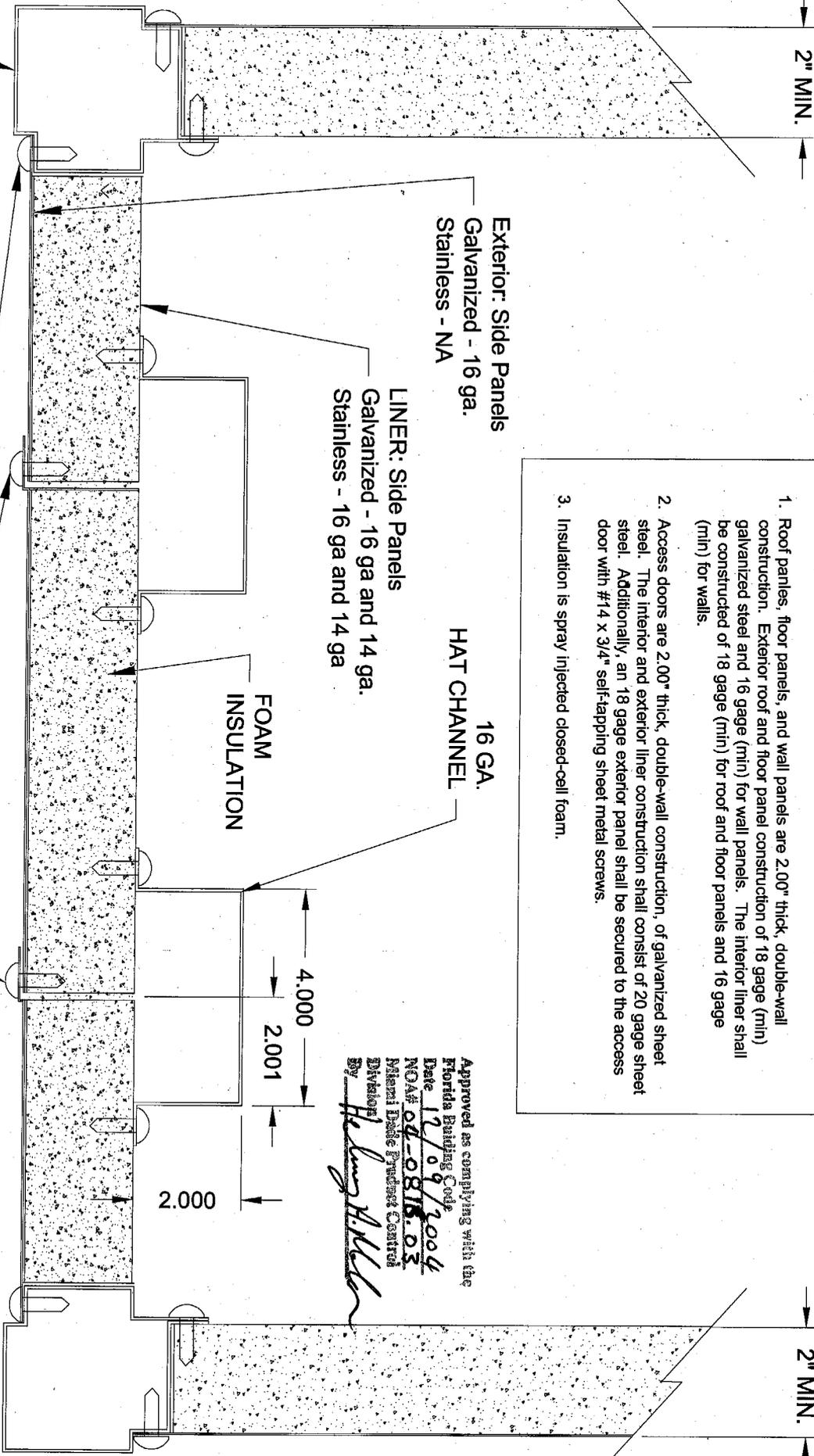
Mark E. Awwiller

Mark E. Awwiller, P.E.
 P.E. No. 53973
 Date: 11/19/04

YORK INTERNATIONAL		REV	DATE	REVISION RECORD	DR.	CHG. NO.	ISSUING AGE IN WEEKS	ROOF PANEL ASSEMBLY	MATERIAL TYPE: N/A	ENG. STD. N/A
AIRSIDE PRODUCTS GROUP		LEV	4/25/03	NEW	SBP	0703-0148	PER INCHES 2.500	CUT SIZE: A	DRAWING NUMBER: MT1-D	SHEET: 4 OF 19
							NO LINE FOR DIMS OR DIMS IN THIS SECTION	SCALE: NIS		

2" MIN.

2" MIN.



NOTES:

1. Roof panes, floor panels, and wall panels are 2.00" thick, double-wall construction. Exterior roof and floor panel construction of 18 gage (min) galvanized steel and 16 gage (min) for wall panels. The interior liner shall be constructed of 18 gage (min) for roof and floor panels and 16 gage (min) for walls.
2. Access doors are 2.00" thick, double-wall construction, of galvanized sheet steel. The interior and exterior liner construction shall consist of 20 gage sheet steel. Additionally, an 18 gage exterior panel shall be secured to the access door with #14 x 3/4" self-flapping sheet metal screws.
3. Insulation is spray injected closed-cell foam.

Approved as complying with the
 Florida Building Code
 Date 12/09/2004
 NOA# 04-0818-03
 Miami Dade Product Control
 Division
 By Heung H. H. H.

RACEWAY: (112-003-002)
 16 GAGE GALVANIZED

Mark E. Awmiller, P.E.
 P.E. No. 53973
 Date: 11/18/04

Model

TOP VIEW

PANEL HARDWARE
 SCREW TAP TY A PH 14-10 1/4 X3/4 PAN HEAD
 PHILLIPS (#1), TYPE A, ZINC PLATED

YORK INTERNATIONAL
 AIRSIDE PRODUCTS GROUP

REV	LEV	DATE	REVISION RECORD	DR.	CHG. NO.	DRAWING ARE IN INCHES	THIS DRAWING IS THE PROPERTY OF YORK INTERNATIONAL. IT IS TO BE USED ONLY FOR THE PROJECT AND NO REUSE OR MODIFICATION IS PERMITTED WITHOUT WRITTEN PERMISSION FROM YORK INTERNATIONAL CORP.	SIDE PANEL CROSS SECTION	MATERIAL TYPE:	ENG. STD.
				DRR	04-2	PER ENCL. 12/03			CUT SIZE:	
						PER ENCL. 12/03			SIZE:	
						PER ENCL. 12/03			DRAWING NUMBER	MT2
						PER ENCL. 12/03			SCALE: NTS	SHEET: 6 OF 19

2" MIN.

Exterior: Side Panels
Galvanized - 16 ga (min.)
Stainless - NA

LINER: Side Panels
Galvanized - 16 ga (min.) and 14 ga.
Stainless - 16 ga (min.) and 14 ga.

Foam Insulation

- NOTES:**
1. Roof panes, floor panels, and wall panels are 2.00" thick, double-wall construction. Exterior roof and floor panel construction of 18 gage (min) galvanized steel and 16 gage (min) for wall panels. The interior liner shall be constructed of 18 gage (min) for roof and floor panels and 16 gage (min) for walls.
 2. Access doors are 2.00" thick, double-wall construction, of galvanized sheet steel. The interior and exterior liner construction shall consist of 20 gage sheet steel. Additionally, an 18 gage exterior panel shall be secured to the access door with #14 x 3/4" self-tapping sheet metal screws.
 3. Insulation is spray injected closed-cell foam.

LINER: Floor Panels
Galvanized - 18 ga (min.), 16 ga and 14 ga.
Stainless - 14 ga (min.).

SEAM CAP
Exterior: Floor Panels
Galvanized - 18 ga (min.) and 16 ga.
Stainless - NA

RACEWAY HARDWARE
SCREW, HEX SOCKET BUTTON HEAD
3/8 - 16 X 3/4 ZINC PLATED

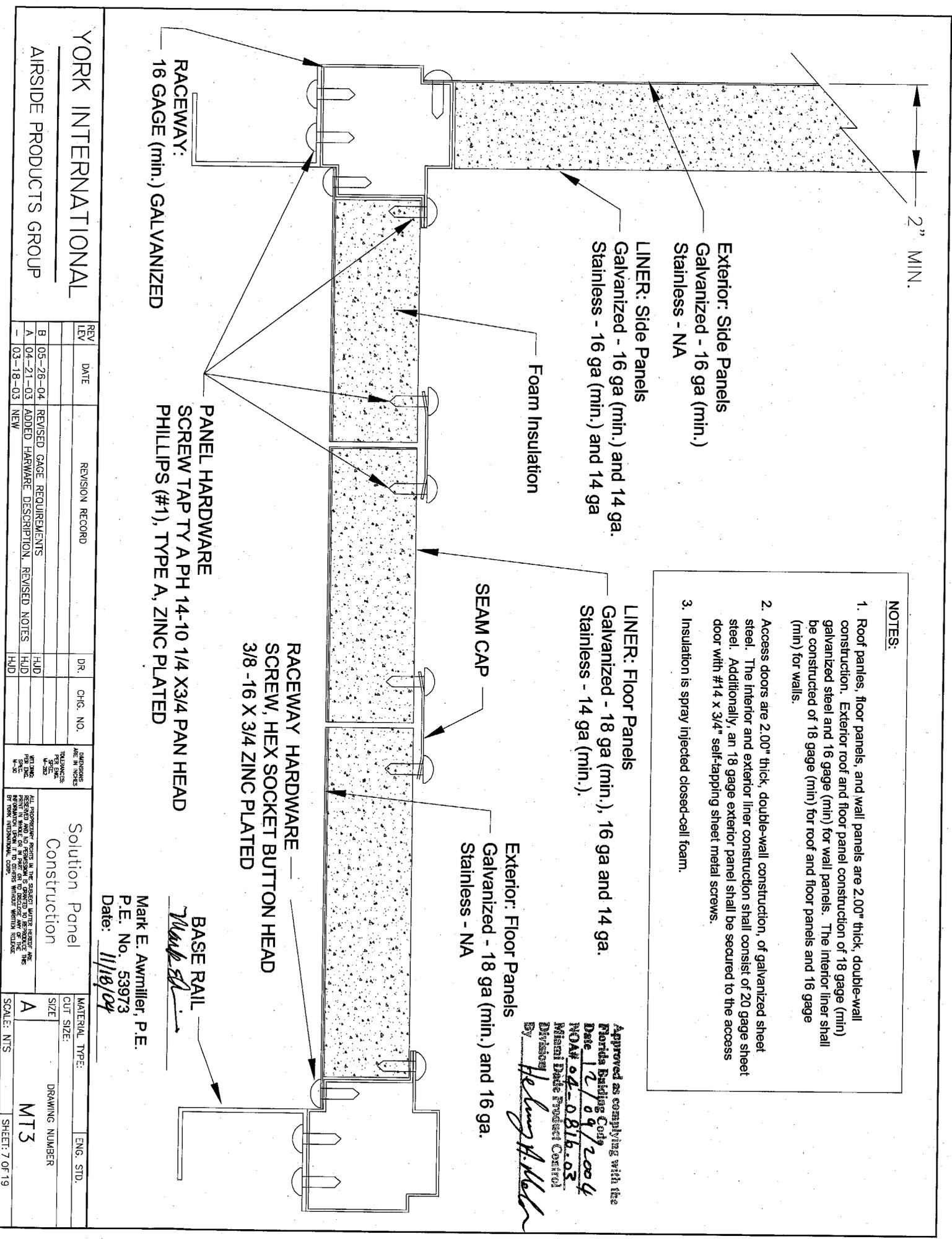
RACEWAY:
16 GAGE (min.) GALVANIZED

PANEL HARDWARE
SCREW TAP TY A PH 14-10 1/4 X3/4 PAN HEAD
PHILLIPS (#1), TYPE A, ZINC PLATED

BASE RAIL
Mark E. Awmiller

Mark E. Awmiller, P.E.
P.E. No. 53973
Date: 11/18/04

Approved as complying with the
Florida Building Code
Date 12/09/2004
NOAF 04-0816-05
Missi Dale Product Control
Division
By *Heung H. H. H.*



YORK INTERNATIONAL
AIRSIDE PRODUCTS GROUP

REV	LEV	DATE	REVISION RECORD	DR.	CHK. NO.	DATE	APPROVED
B		05-26-04	REVISED GAGE REQUIREMENTS	HJD			
A		04-21-03	ADDED HARDWARE DESCRIPTION, REVISED NOTES	HJD			
-		03-18-03	NEW	HJD			

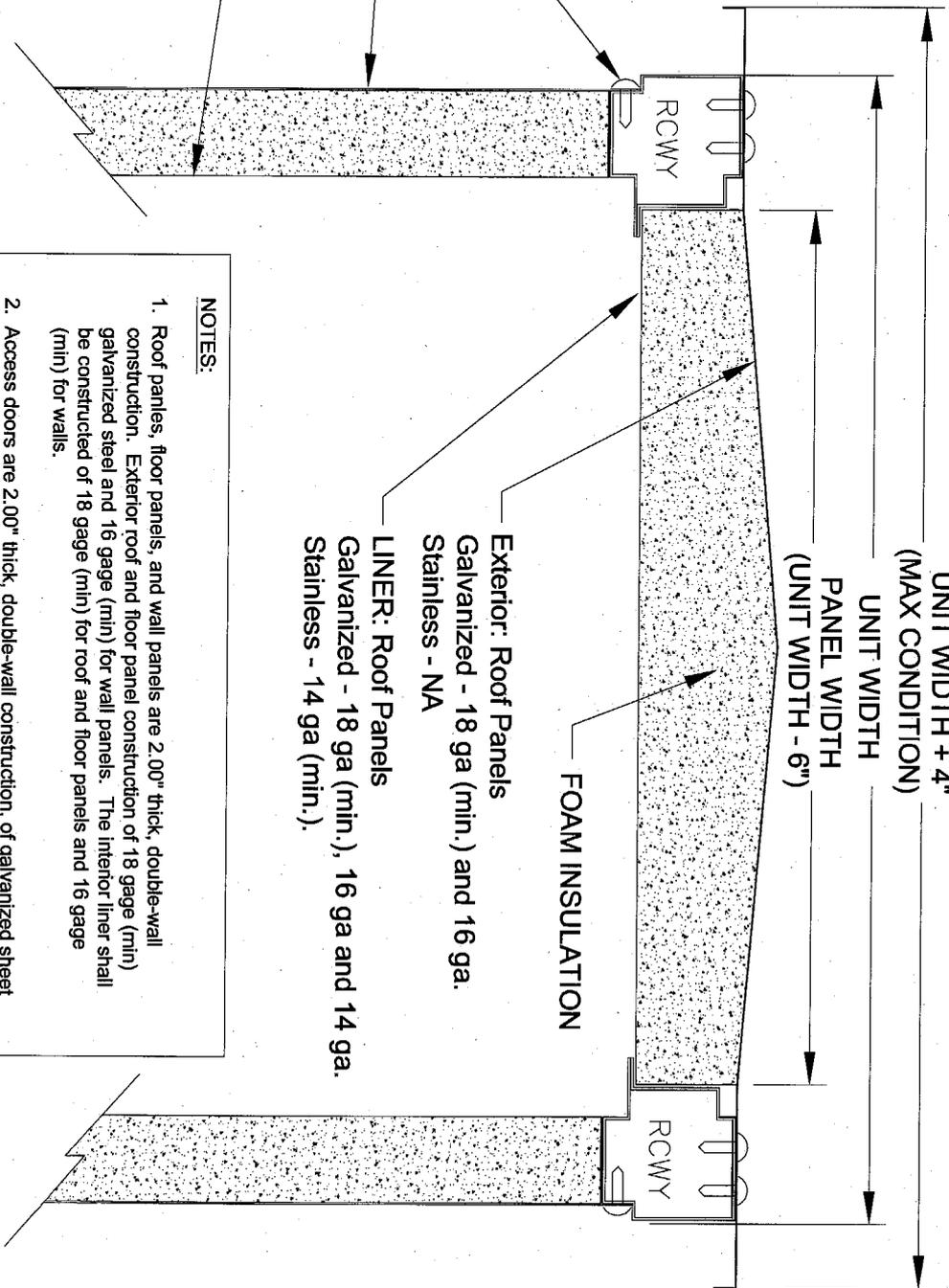
Solution Panel Construction		MATERIAL TYPE:	ENG. STD.
CUT SIZE:			
SIZE:		DRAWING NUMBER	MT3
SCALE:	N.T.S.	SHEET:	7 OF 19

RACEWAY HARDWARE
SCREW, HEX SOCKET
BUTTON HEAD
3/8 - 16 X 3/4 ZINC PLATED

Exterior: Side Panels
Galvanized - 16 ga.
Stainless - NA

LINER: Side Panels
Galvanized - 16 ga and 14 ga.
Stainless - 16 ga and 14 ga

Approved as complying with the
Florida Building Code
Date: 12/8/2004
NOA# 04-0816-03
Miami Data Products Control
Division
By: *Heather Miller*



NOTES:

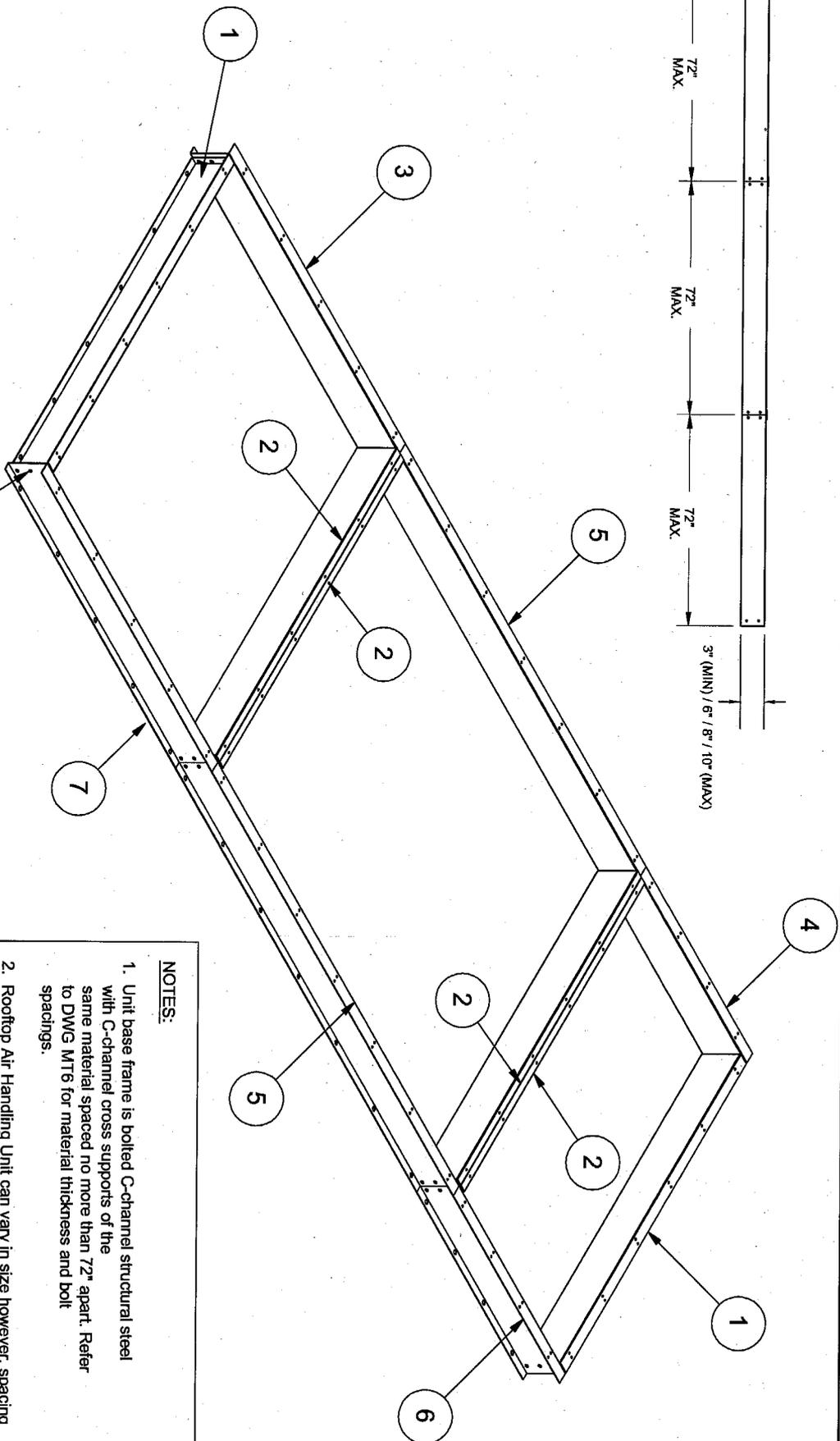
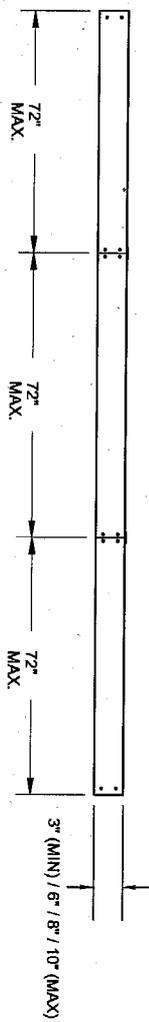
1. Roof panels, floor panels, and wall panels are 2.00" thick, double-wall construction. Exterior roof and floor panel construction of 18 gage (min) galvanized steel and 16 gage (min) for wall panels. The interior liner shall be constructed of 18 gage (min) for roof and floor panels and 16 gage (min) for walls.
2. Access doors are 2.00" thick, double-wall construction, of galvanized sheet steel. The interior and exterior liner construction shall consist of 20 gage sheet steel. Additionally, an 18 gage exterior panel shall be secured to the access door with #14 x 3/4" self-tapping sheet metal screws.
3. Insulation is spray injected closed-cell foam.

Mark E. Awmiller
Mark E. Awmiller, P.E.
P.E. No. 53973
Date: 1/18/04

YORK INTERNATIONAL
AIRSIDE PRODUCTS GROUP

REV	LEV	DATE	REVISION RECORD	DR.	CHG. NO.	DESCRIPTION	MATERIAL TYPE:
B		05-26-04	REVISED GAGE REQUIREMENTS	HUD			Roof Panel Construction
A		04-21-03	ADDED HARDWARE DESCRIPTION, REVISED NOTES	HUD			CUT SIZE: A
		03-18-03	NEW	HUD			DRAWING NUMBER: MT4

SCALE: NTS
SHEET: 8 OF 19



SCREW, HEX HEAD, 1/2-13UNC-2A X 1.75
 (2) 3" & 6" Baserail Heights
 (3) 8" & 10" Baserail Heights
 REFER TO DRAWING
 # 093-003-001

- NOTES:**
1. Unit base frame is bolted C-channel structural steel with C-channel cross supports of the same material spaced no more than 72" apart. Refer to DWG MT6 for material thickness and bolt spacings.
 2. Rooftop Air Handling Unit can vary in size however, spacing of the structural support elements such as the base frame, internal hat channels, raceways, roof/floor/wall panels, hardware spacing, hardware sizes, shall not exceed the dimensions or material gages indicated.
 3. Attachment to the roof to prevent sliding and overturning of the Air Handling Unit is not part of the scope of this product approval. These elements shall be reviewed by the corresponding building department.
 4. It shall be the responsibility of the permit holder to verify the structural integrity of the existing structure to support the loads superimposed by the Rooftop Air Handling Unit.

Mark E. Avmiller, P.E.
 P.E. No. 53973
 Date: 11/18/04

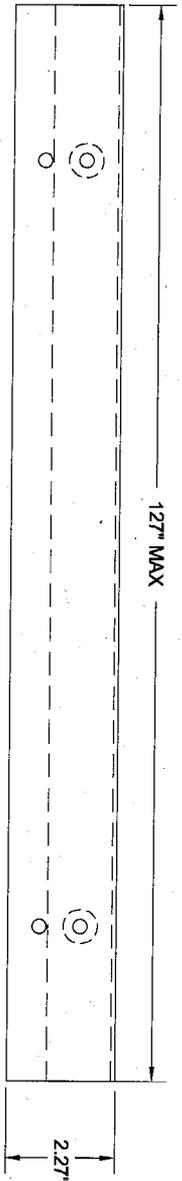
Approved as complying with the
 Florida Building Code
 Date: 12/09/2004
 NOA# 04-0816.03
 Miami Dade Product Control
 Division
 By: *William H. Miller*

YORK INTERNATIONAL
 AIRSIDE PRODUCTS GROUP

REV	LEV	DATE	REVISION RECORD	DR.	CHG. NO.	DATE	BY
04-21-03	NEW			DRR			

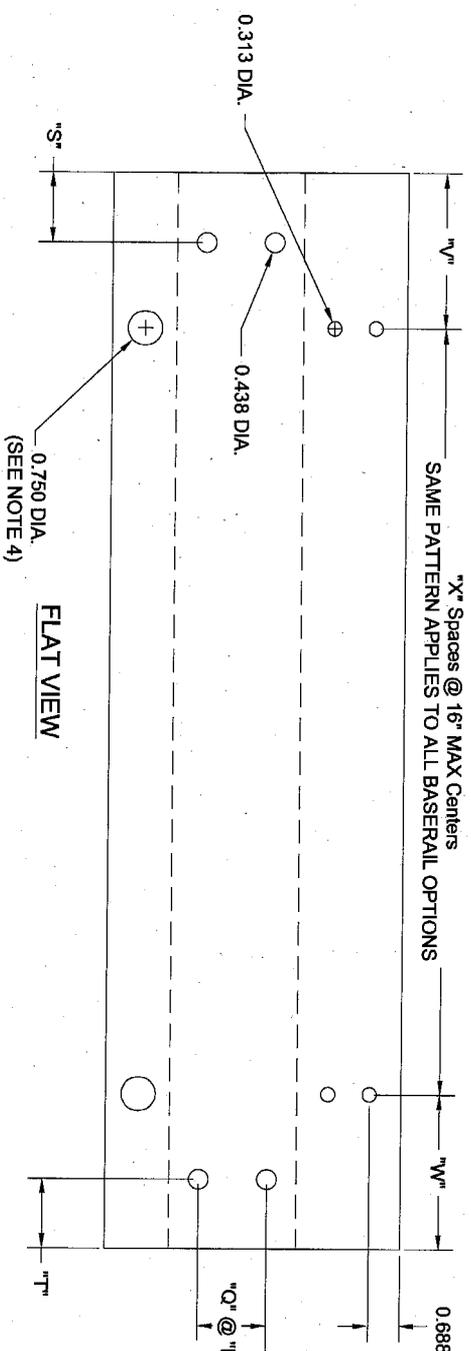
SOLUTION XT		MATERIAL TYPE	ENG. STD.
BASERAIL ASSEMBLY		CUT SIZE	
A		DRAWING NUMBER	MT5
SCALE: NTS		SHEET: 9 OF 19	

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE SPECIFIED. THIS DRAWING IS THE PROPERTY OF YORK INTERNATIONAL CORP. IT IS TO BE USED ONLY FOR THE PROJECT AND FOR THE PERIOD SPECIFIED IN THE CONTRACT. ANY REUSE OR MODIFICATION OF THIS DRAWING WITHOUT WRITTEN PERMISSION FROM YORK INTERNATIONAL CORP. IS PROHIBITED.



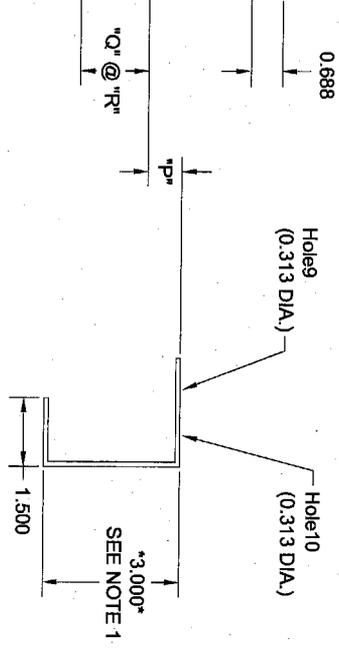
FORMED TOP VIEW

Approved as complying with the
 Florida Building Code
 Date: 12/09/2004
 NOAH 04-0816-03
 Miami Dade Product Control
 Division
 By: *Heather H. Miller*



FLAT VIEW

FORMED SIDE VIEW



NOTES:

- 1) BASERAIL OPTION HEIGHTS 3", 6", 8", 10"
- 2) HOLE SPACING BETWEEN FIRST AND LAST WILL VARY UPON BASERAIL LENGTH BUT CENTERS WILL NOT EXCEED 16" AS INDICATED BY "X" SPACES.
- 3) BASERAIL GAGES AS FOLLOWS - 3" = 12 GAGE GALV
 6" = 10 GAGE GALV
 8" = 10 GAGE GALV
 10" = 8 GAGE GALV
- 4) 0.75" DIA. BASE RAIL BOLT HOLE SHALL BE USED FOR ATTACHMENT TO THE ROOF TO PREVENT SLIDING AND OVERTURNING OF THE AIR HANDLING UNIT IS NOT PART OF THE SCOPE OF THIS PRODUCT APPROVAL. THESE ELEMENTS SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT.

VERTICAL HOLE DATA

BASERAIL HEIGHT	"P"	"Q"	"R"	Baserail Location	"S"	"T"	"V"	"W"
3"	.875	1	1.250	LIA "A"	.941	1.781	3.153	5.403
6"	1.657	1	2.687	M/A "B"	.941	3.153	3.153	
8"	1.657	2	2.687	FIA "C"	1.781	.941	5.403	3.153
10"	1.657	2	2.687	FULL "D"	1.781	1.781	5.403	5.403

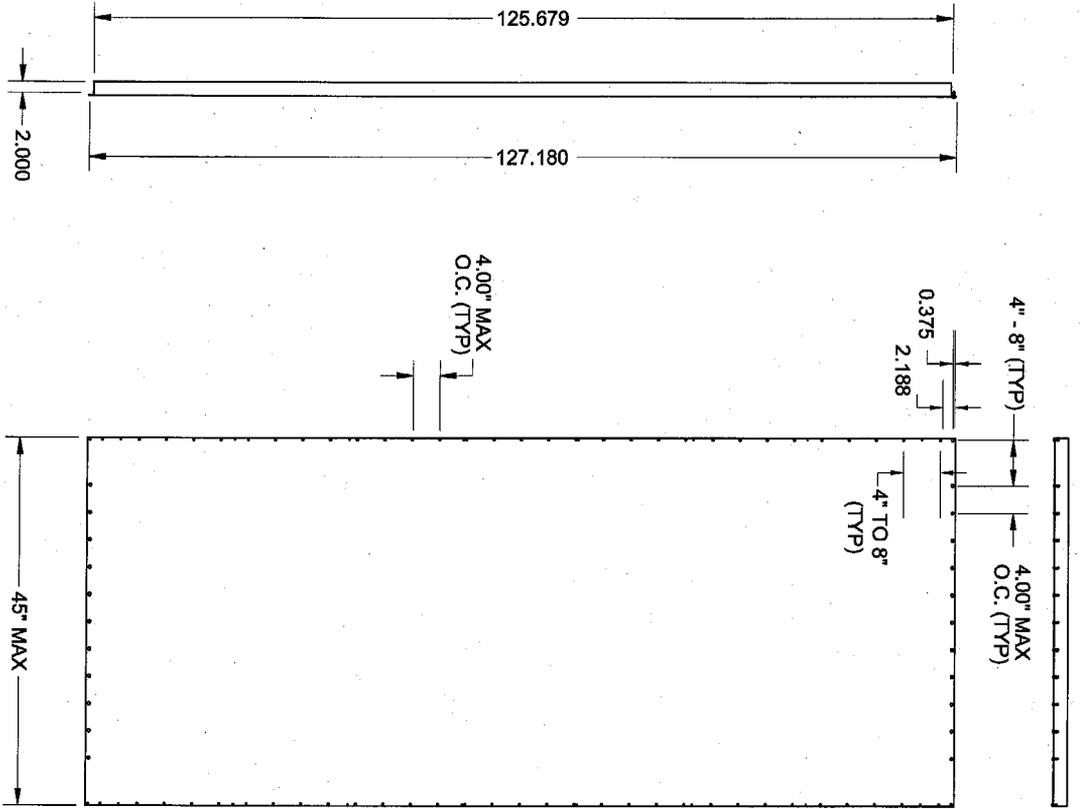
Marked
 Mark E. Awwmiller, P.E.
 P.E. No. 53973
 Date: 11/10/04

YORK INTERNATIONAL
 AIRSIDE PRODUCTS GROUP

REV	LEV	DATE	REVISION RECORD	DR.	CHG. NO.
A	11-04-04	02-21-03	REMOVED RACEWAY& STYLES, ADD VIEW NOTES	DRR	04-2
-				DRR	0703-0073

DIMENSIONS		MATERIAL TYPE: N/A	
BASE RAIL HEIGHT	BASE RAIL SPACES	CUT SIZE:	ENG. STD. N/A
3"	1	A	
6"	1		
8"	2		
10"	2		
DRAWING NUMBER		SCALE: NTS	
MT6		SHEET: 1 OF 19	

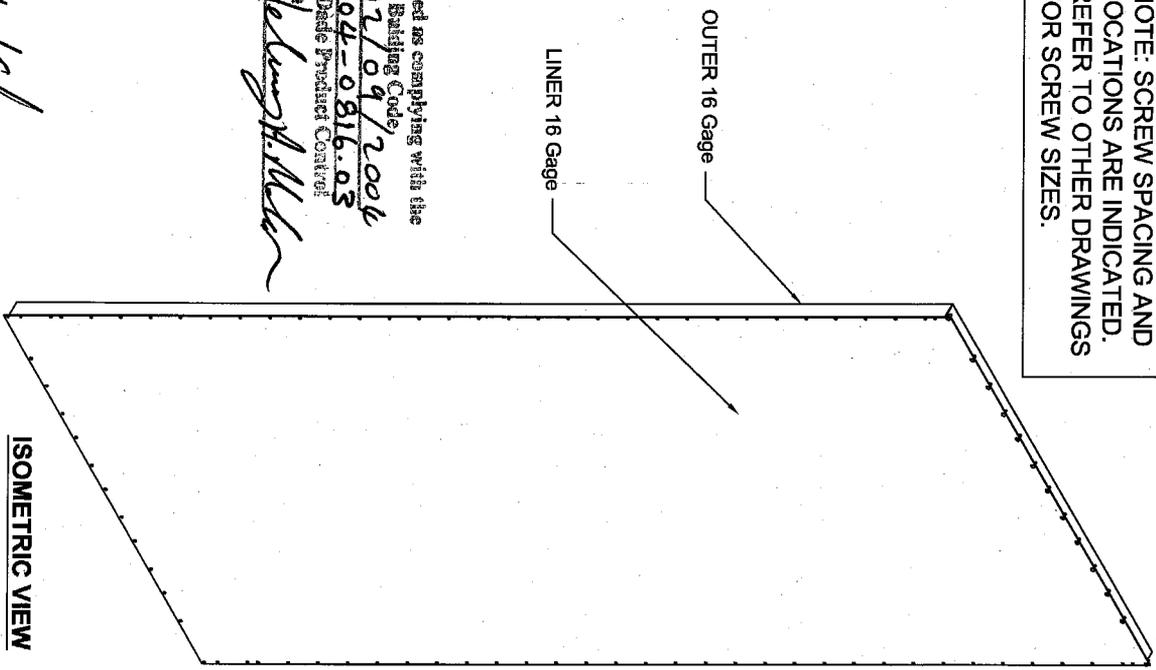
TOP VIEW



SIDE VIEW

FRONT VIEW

NOTE: SCREW SPACING AND LOCATIONS ARE INDICATED. REFER TO OTHER DRAWINGS FOR SCREW SIZES.



ISOMETRIC VIEW

Approved as complying with the Florida Building Code,
 Date: 7/09/2006
 NOA# 04-0816.03
 Miami Dade Product Control
 Division
 By: Heather H. Miller

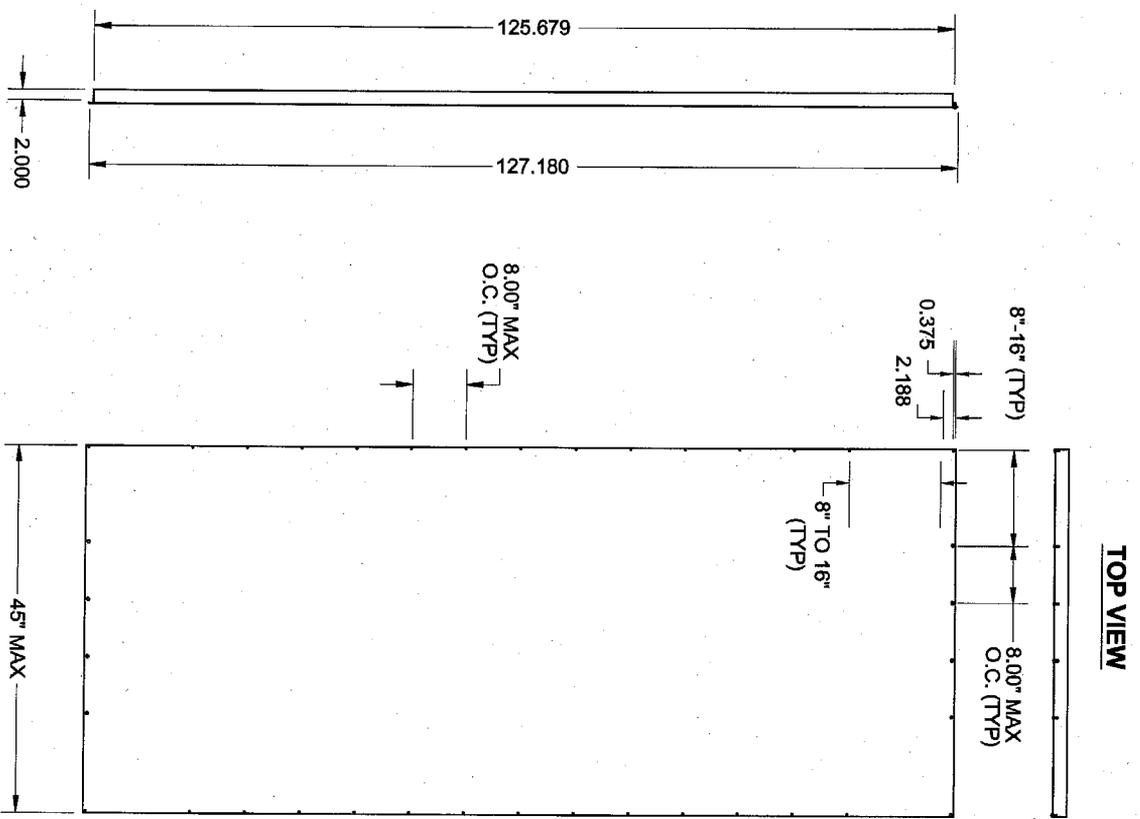
Handwritten signature

Mark E. Avmiller, P.E.
 P.E. No. 53973
 Date: 11/10/04

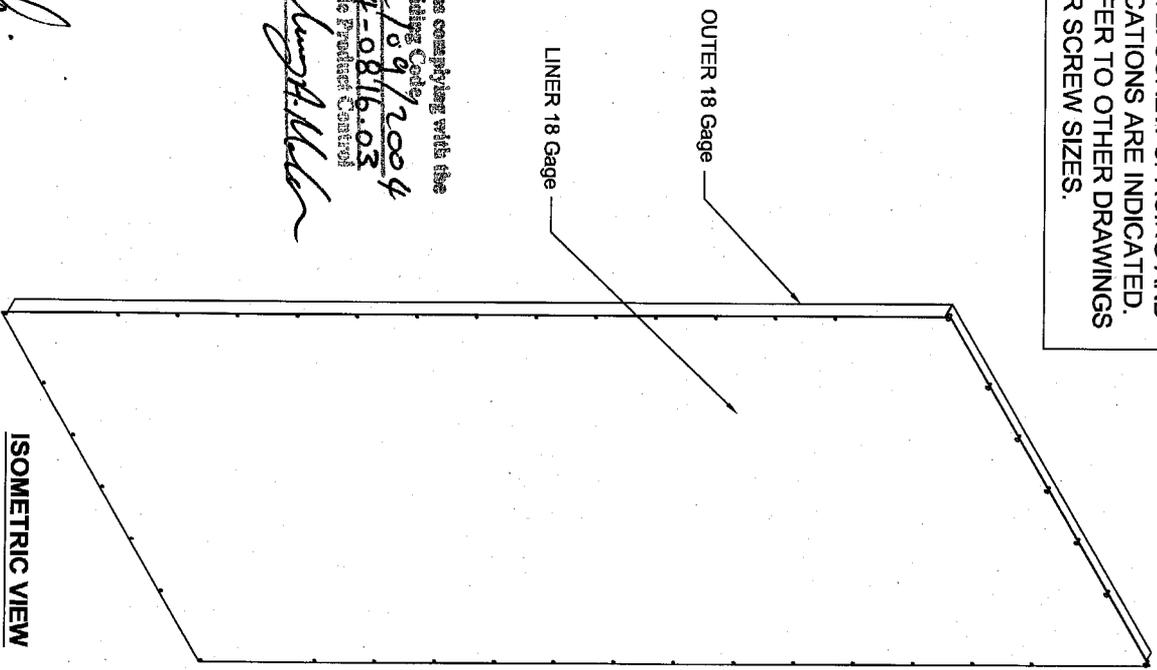
NOTE: MAXIMUM PANEL SIZE IS SHOWN

YORK INTERNATIONAL
 AIRSIDE PRODUCTS GROUP

REV	LEV	DATE	REVISION RECORD	DR.	CHK. NO.	DIMENSIONS ARE IN INCHES	TOLERANCES	FIN. SURF.	ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED	MATERIAL TYPE	ENG. STD.
09-15-03	NEW			DRR		1/8"	±.015"	AS SHOWN	ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED	SOLUTION XT 45W WALL PANEL ASSY	
						1/16"	±.005"	AS SHOWN	ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED	CUT SIZE: A	DRAWING NUMBER MT7
						1/32"	±.002"	AS SHOWN	ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED	SCALE: NTS	SHEET: 1 OF 19



NOTE: SCREW SPACING AND LOCATIONS ARE INDICATED. REFER TO OTHER DRAWINGS FOR SCREW SIZES.



Approved as complying with the Florida Building Code
 Date: 12/09/2004
 NOA# 04-0816-03
 Miami Dade Technical Center
 Division
 By: *John A. Miller*

Mark E. Awwmiller

Mark E. Awwmiller, P.E.
 P.E. No. 53973
 Date: 11/19/04

NOTE: MAXIMUM PANEL SIZE IS SHOWN

YORK INTERNATIONAL
 AIRSIDE PRODUCTS GROUP

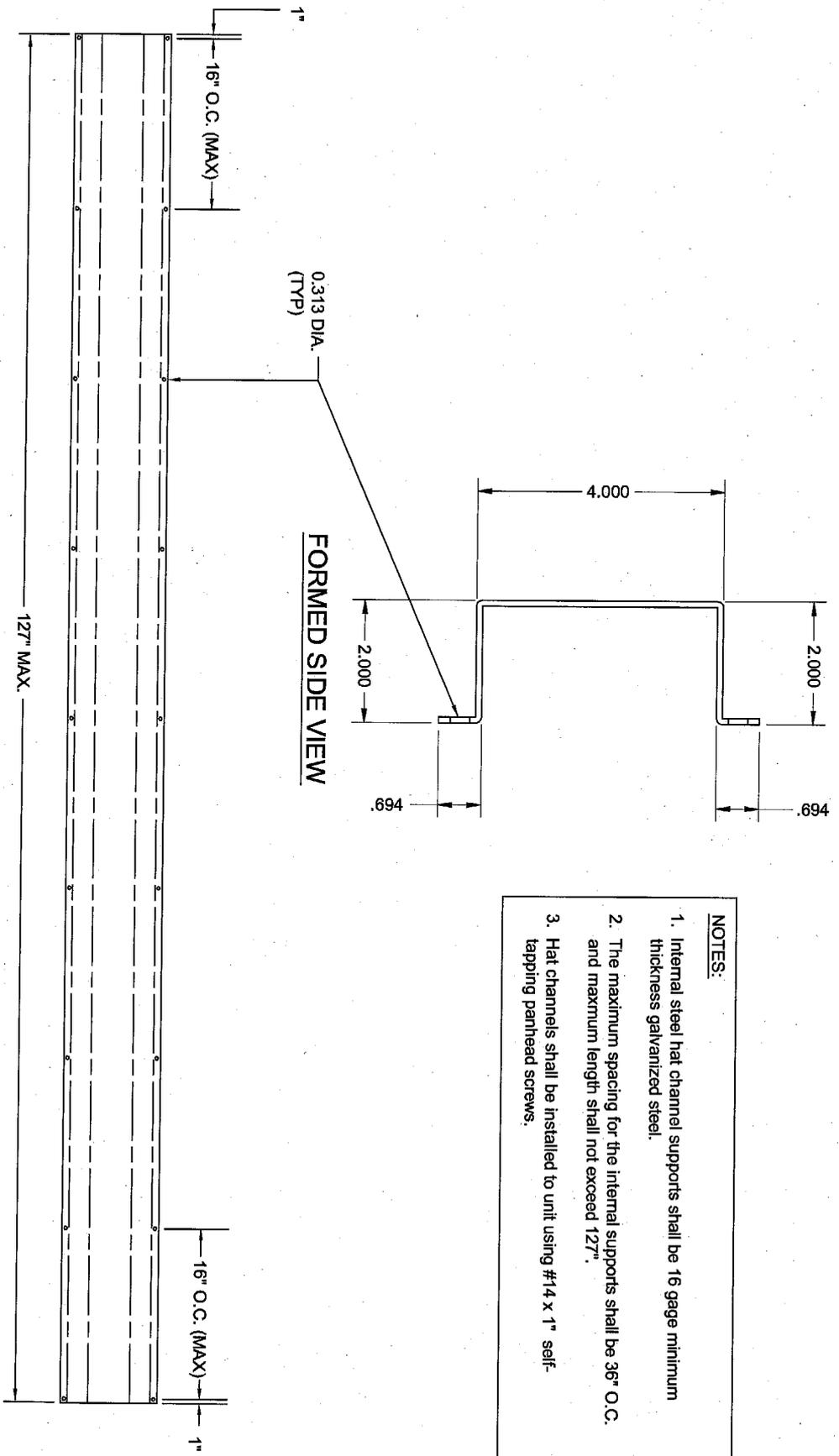
REV	LEV	DATE	REVISION RECORD	DR.	CHG. NO.	DESCRIPTION	MATERIAL TYPE	ENG. STD.
-		08-10-04	NEW	HUD		SOLUTION XT - 45W FLR/ROOF PANEL ASSY	CUT SIZE: A	MT8

SCALE: NTS
 SHEET: 209719

SIDE WALL SUPPORTS

YORK INTERNATIONAL

AIRSIDE PRODUCTS GROUP



- NOTES:**
1. Internal steel hat channel supports shall be 16 gage minimum thickness galvanized steel.
 2. The maximum spacing for the internal supports shall be 36" O.C. and maximum length shall not exceed 127".
 3. Hat channels shall be installed to unit using #14 x 1" self-tapping panhead screws.

FLAT VIEW

Approved as complying with the
 Florida Building Code
 Date 12/18/04
 NOA# 04-0816-03
 Miami Dade Product Center
 Division
 By *Heather H. White*

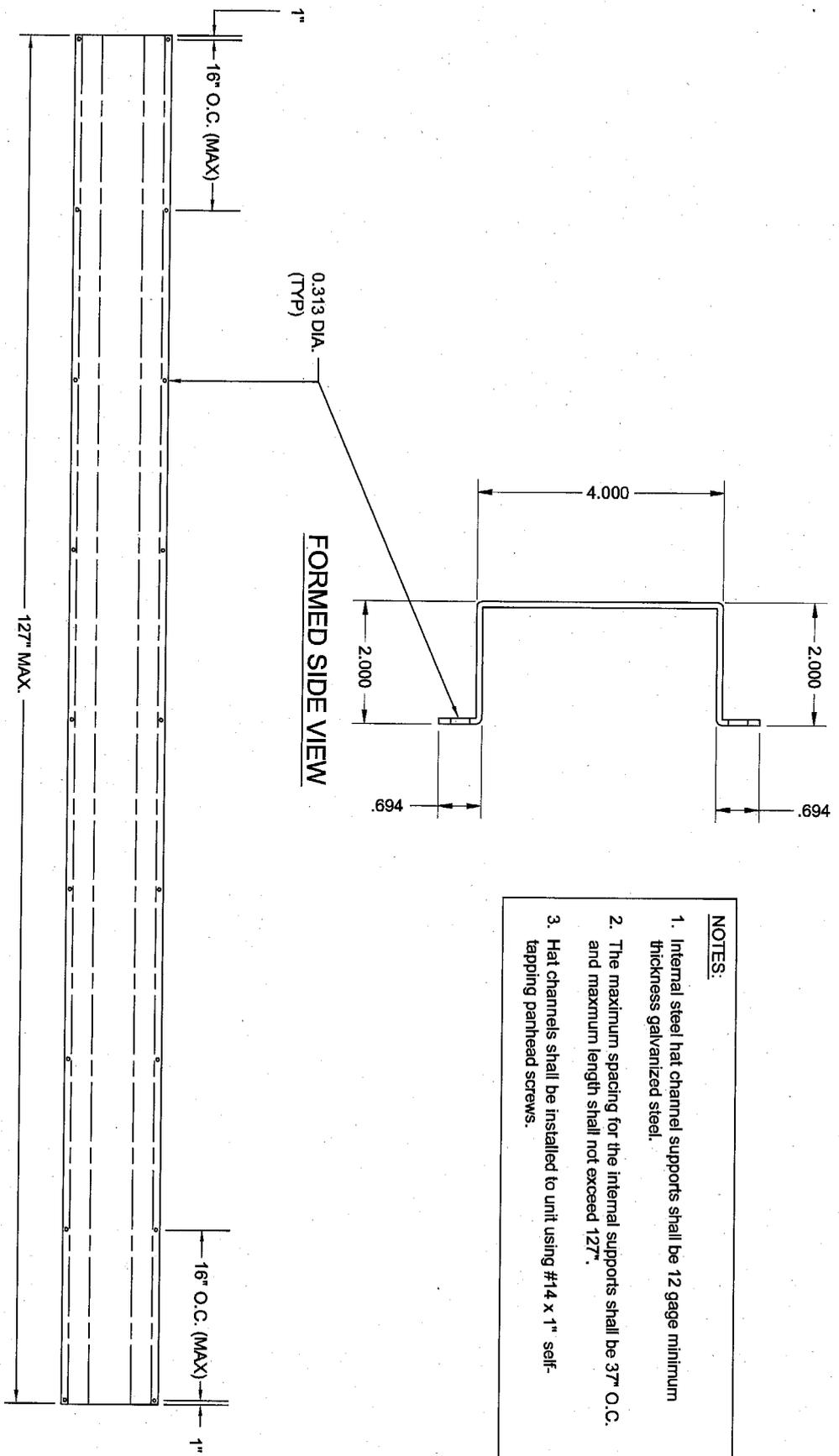
Mark E. Awwmiller
 Mark E. Awwmiller, P.E.
 P.E. No. 53973
 Date: 1/12/04

REV	DATE	REVISION RECORD	DR.	CHG. NO.	DESIGNED	CHECKED	APPROVED
3/18/04	NEW		DRR				

SOLUTION XT - HAT CHANNEL SUPPORT		MATERIAL TYP: GALV STL	THICKNESS: 0.097
SIZE	A	DRAWING NUMBER	MT9

YORK INTERNATIONAL
AIRSIDE PRODUCTS GROUP

END WALL SUPPORTS



- NOTES:**
1. Internal steel hat channel supports shall be 12 gage minimum thickness galvanized steel.
 2. The maximum spacing for the internal supports shall be 37" O.C. and maximum length shall not exceed 127".
 3. Hat channels shall be installed to unit using #14 x 1" self-tapping panhead screws.

FLAT VIEW

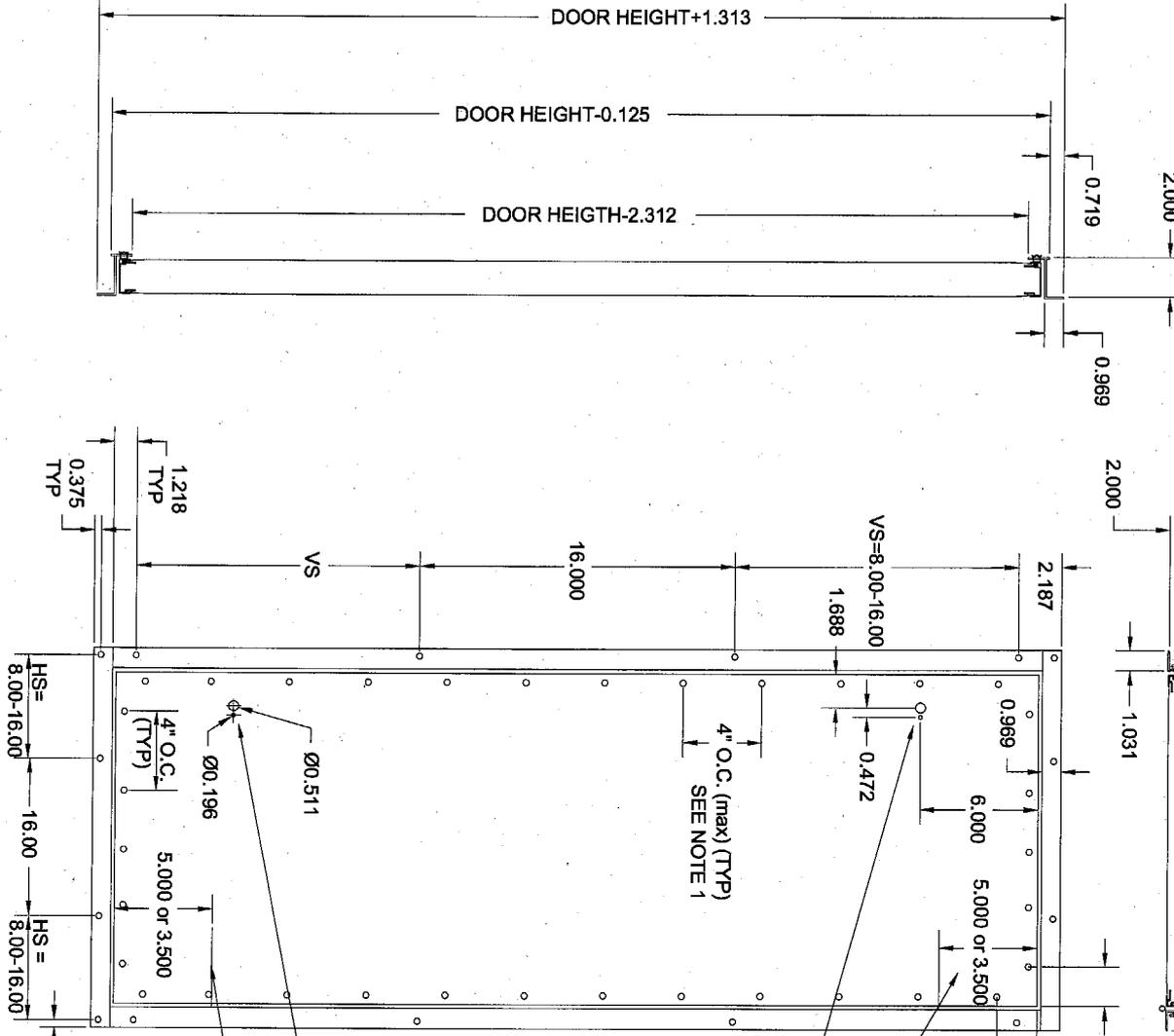
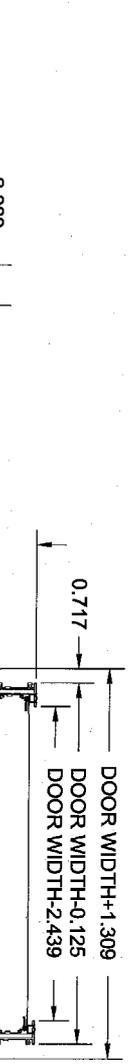
FORMED SIDE VIEW

Approved as complying with the
 Florida Building Code
 Date 12/09/2004
 NOAF 04-0816-03
 Miami Trade & Project Control
 Division
 By William M. White

Mark E. Awmiller
 Mark E. Awmiller, P.E.
 P.E. No. 53973
 Date: 11/19/04

REV	DATE	REVISION RECORD	DR.	CHG. NO.	CHANGING AREA IN INCHES
-	3/18/04	NEW	DRR		

SOLUTION XT - HAT CHANNEL SUPPORT		MATERIAL TYP. GALV. STL.	THICKNESS: 0.097
SIZE	A	DRAWING NUMBER	MT10



NOTES:
 UNIT DOOR HEIGHT = UNIT HEIGHT - 6.125
 PIPE CHASE DOOR HEIGHT = UNIT HEIGHT - 3.125

Hinge Start Location
 5.000: For Door Height = 20.88 thru 128.88
 3.500: For Door Height = 14.88 thru 17.88

Handle Holes in Door Panel
 Located on Outside Surface

NOTES:
 1. Access doors are 2.00" thick, double-wall construction, of galvanized sheet steel. The interior and exterior liner construction shall consist of 20 gauge sheet steel. Additionally, an 18 gauge galvanized steel exterior panel shall be secured to the access door with #14 x 3/4" self-tapping sheet metal screws spaced 2" from the edge and at 4" O.C.

Handle Holes In Door Panel
 Hinge Start Location
 5.000: For Door Height = 20.88 thru 128.88
 3.500: For Door Height = 14.88 thru 17.88

Approved as complying with the
 Florida Building Code
 Date 12/09/2004
 NOA# 04-0816.03
 Miami Dade Product Control
 Division
 By: *Heung P. Miller*

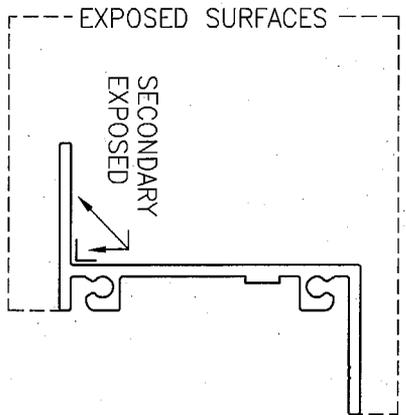
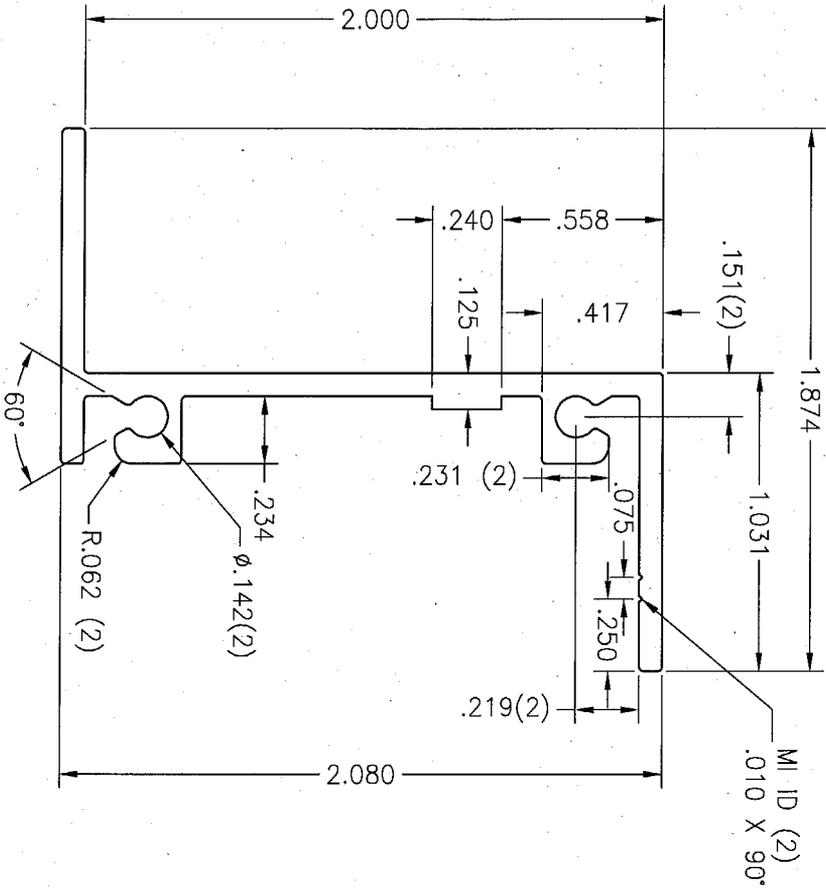
Miller
 Mark E. Awwmiller, P.E.
 P.E. No. 53973
 Date: 11/18/04

YORK INTERNATIONAL
 AIRSIDE PRODUCTS GROUP

REV	LEV	DATE	REVISION RECORD	DR.	CHK. NO.	DATE	DESCRIPTION
A		04-06-04	CHANGED HINGE START LOC FOR 14.88 & 17.88	HJD	0703-0077	04-159	
			NEW				

SOLUTION XT
 ACCESS DOOR

MATERIAL TYPE: STL GALV / ENG. STD. R259
 CUT SIZE: A
 DRAWING NUMBER: MT11
 SCALE: NTS
 SHEET: 150F-19



TYPICAL WALL THICKNESS = .080
BREAK SHARP CORNERS = R.015

STANDARD ALUMINUM ASSOCIATION TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED.

YORK INTERNATIONAL

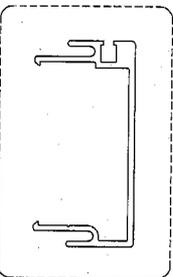
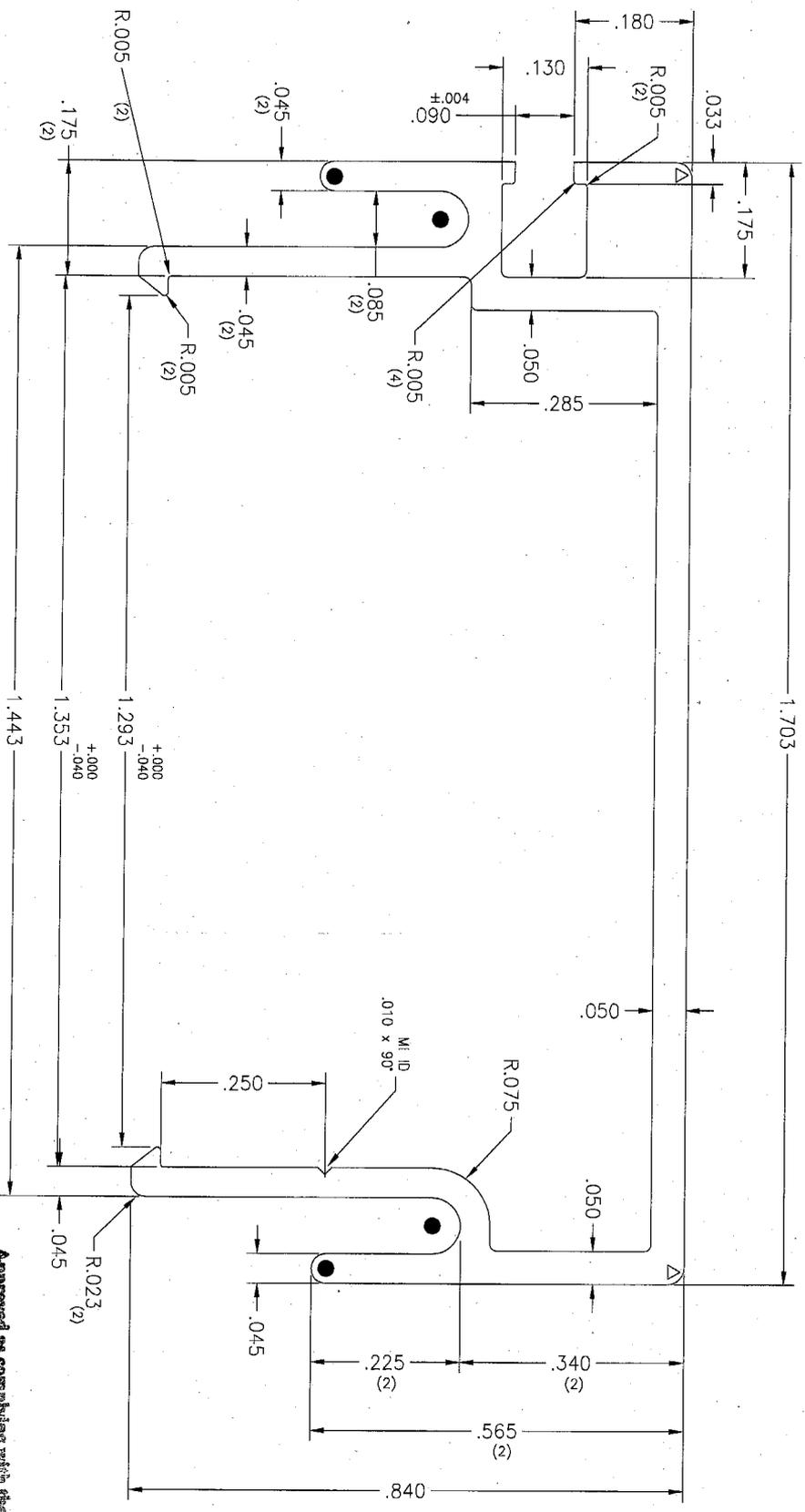
AIRSIDE PRODUCTS GROUP

REV	DATE	REVISION RECORD	DR.	CHG. NO.	DIMENSIONS ARE IN INCHES	TOLERANCES	FINISH	ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE SPECIFIED	MATERIAL TYPE:	ENG. STD.
02-24-03	NEW		HJD	0703-0077					Non Therm Vert Z	
									Frame Dimen Info	
									CUT SIZE:	
									SCALE: NTS	
									DRAWING NUMBER	
									MT13	
									SHEET: 170F19	

Approved as complying with the
Florida Building Code
Date 12/09/2004
NOA# 04-0816-03
Miami Trade Product Center
DIVISION
By *William A. Miller*

Mark E. Avmiller, P.E.
P.E. No. 53973
Date: 11/18/04

Mark E. Avmiller



ACTUAL SIZE:

STANDARD ALUMINUM ASSOCIATION TOLERANCES APPLY UNLESS OTHERWISE SPECIFIED.

YORK INTERNATIONAL

AIRSIDE PRODUCTS GROUP

REV	LEV	DATE	REVISION RECORD	DR.	CHG. NO.
11-17-04		NEW		HUD	04-416

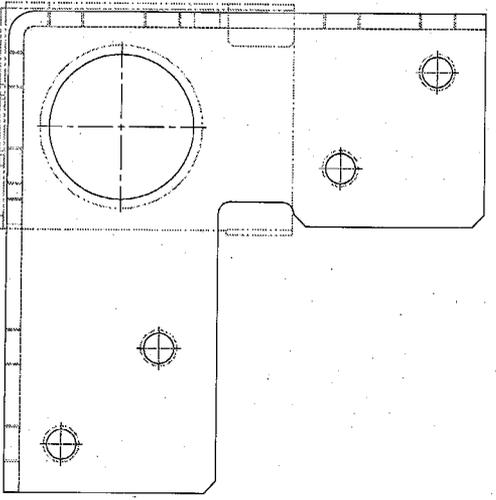
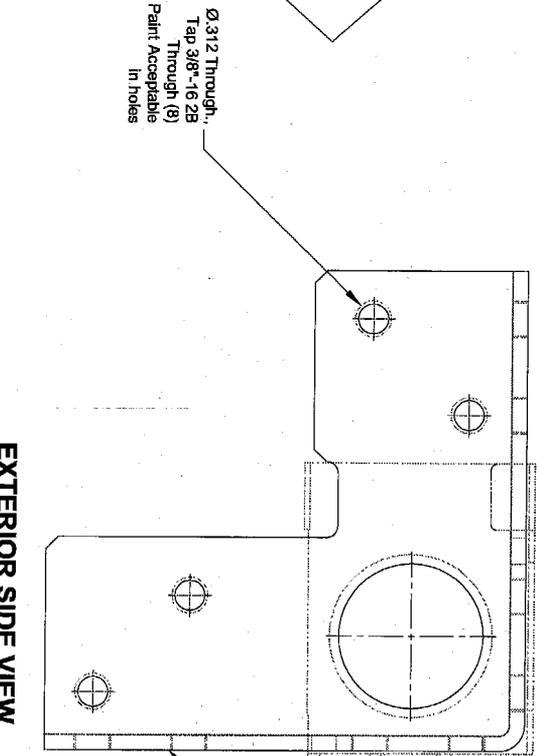
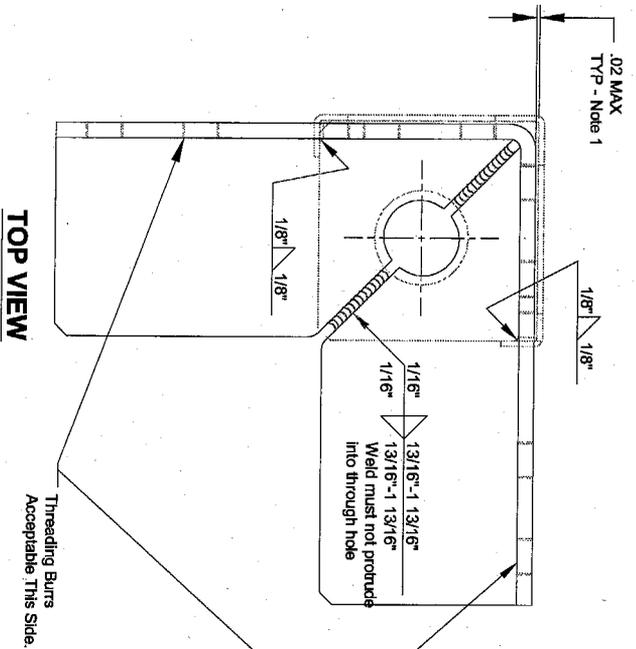
Mark E. Avmillier, P.E.
P.E. No. 53973
Date: 11/8/04

[Signature]

NOTES:
● TYPICAL WALL THICKNESS - .045
● - FULL RADII (4)
△ - R.025 (6)

Approved as complying with the
Florida Building Code
Date 12/09/2004
NOAH 04-0816.03
Miami Dade Product Control
Division
By *[Signature]*

Non Therm Door Panel	EDGE EXTRUSION	MATERIAL TYPE:	ENG. STD.
Edge Extrusion	SIZE	CUT SIZE:	
	A		
	DRAWING NUMBER		
	MT14		
	SCALE: NTS		
	SHEET: 180F19		



INTERIOR SIDE VIEW

EXTERIOR SIDE VIEW

TOP VIEW

Marked
 Mark E. Avmiller, P.E.
 P.E. No. 53973
 Date: 11/19/04

- Notes:
- 1) Gap can not accept 1/2" wide feeler stock.
 - 2) Finish - Anodized Silver Powder Coat Paint.
 - 3) Sub-component dimensions are prior to paint.
 - 4) 8 - Gage stamped and formed galvanized steel corner.

Approved as complying with the
 Florida Building Code
 Date: 12/09/2004
 NOA# 04-0810-03
 Miami Dade Product Control
 Division
 By: *William H. Miller*

YORK INTERNATIONAL
 AIRSIDE PRODUCTS GROUP

REV	LEV	DATE	REVISION RECORD	DR.	CHG. NO.	DIMENSIONS ARE IN INCHES	TOLERANCES UNLESS OTHERWISE SPECIFIED	FINISHES UNLESS OTHERWISE SPECIFIED	ALL DIMENSIONS ARE TO CENTER UNLESS OTHERWISE SPECIFIED	MATERIAL TYPE:	ENG. STD.
										CUT SIZE:	
										SIZE:	
										DRAWING NUMBER:	
										SCALE: NTS:	
											SHEET: 19 OF 19

Corner Connector
 Detail