



**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)

**American Buildings Company
1150 State Docks Road
Eufaula, AL 36027**

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: "A3P24" 0.024" (min.) Galvanized Steel Wall Panel

APPROVAL DOCUMENT: Drawing No. A3P-Wall, titled " Architectural III Wall Panel Basic Erection ", sheets 1 through 3 of 3, prepared by Jeffrey C. Walsh, P.E., last revised on January 13, 2004, signed and sealed by Jeffrey C. Walsh, P.E. on January 14, 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 panel 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
02/19/04

**NOA No 03-0530.04
Expiration Date: 02/19/2009
Approval Date: 02/19/2004**

American Buildings Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. A3P-Wall, titled " Architectural III Wall Panel Basic Erection ", sheets 1 through 3 of 3, prepared by Jeffrey C. Walsh, P.E., last revised on January 13, 2004, signed and sealed by Jeffrey C. Walsh, P.E. on January 14, 2004.*

B. TESTS

1. *Test report on: 1) Large Missile Impact Test; 2) Cyclic Wind Pressure, prepared by Hurricane Test Laboratory, Inc., Test Report No. 0207-1005-02, dated March 21, 2003, signed and sealed by Vinu J. Abraham, P.E.*
2. *Test report on: 1) Large Missile Impact Test; 2) Static Air Pressure Test; 3) Cyclic Wind Pressure, prepared by Hurricane Test Laboratory, Inc., Test Report No. 0207-0624-02, dated March 21, 2003, signed and sealed by Vinu J. Abraham, P.E.*

C. CALCULATIONS

1. *Calculations titled "Wall Panel Calculations", dated April 21, 2003, pages 1 through 7 of 7, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E. on April 21, 2003.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *Tensile Test Report No. 2HM-1001, prepared by QC Metallurgical, Inc., dated September 25, 2002, signed and sealed by Frank Grate, P.E.*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 03-0530.04
Expiration Date: 02/19/2009
Approval Date: 02/19/2004

WALL STITCH FASTENER(S)
#14X7/8 SDHH
1'-0" O.C.

TAPE MASTIC APPLIED TO
EACH PANEL SIDELAP
1/2" TM

TAPE MASTIC
1/2" TM

EACH PANEL AT THE EDGE OF THE
WALL SHALL BE ATTACHED TO THE
STEEL FRAME BY WALL FASTENER
#12X1 1/4" SDHH, 6" O.C.
ALONG EXTERIOR SIDE OF PANEL
1" FROM WALL PANEL END.

PANEL ENDS ATTACHED WITH
#12X1 1/4" SDHH
1'-0" O.C. AT EACH MAJOR RIB

PANEL ATTACHED AT 5'-0" O.C.
ATTACHED WITH #12X1 1/4" SDHH
1'-0" O.C. ALONG GIRT LINE

APPLY WALL STITCH FASTENERS
TO EACH PANEL SIDELAP WITH
#14X7/8 SDHH 1'-0" O.C.

TAPE MASTIC
1/2" TM

A3P INSIDE CLOSURE
LOAI

1/2 MASTIC
APPLIED AT PANEL SIDELAPS

TAPE MASTIC
1/2" TM

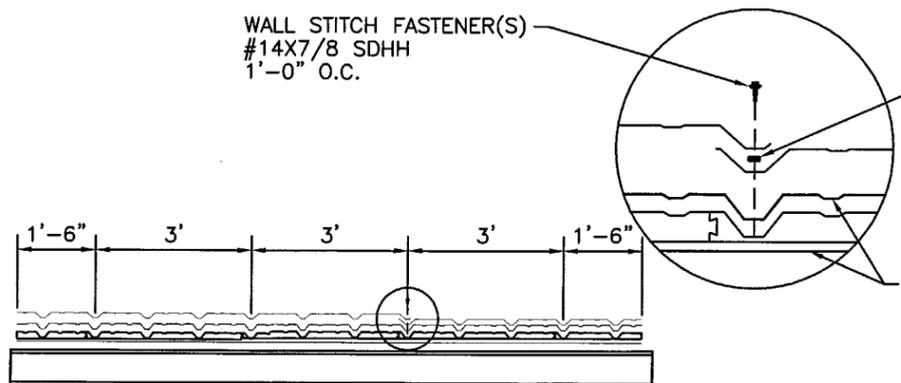
A3P INSIDE CLOSURE
LOAI

DWG. NO.
A3P-WALL

SHEET NO.
1 OF 3

For Dade County Office Use Only

Approved as complying with the
Florida Building Code
Date 02/19/2004
NOA# 03-0530-04
Miami Dade Product Control
Division
By Helmy A. Muler



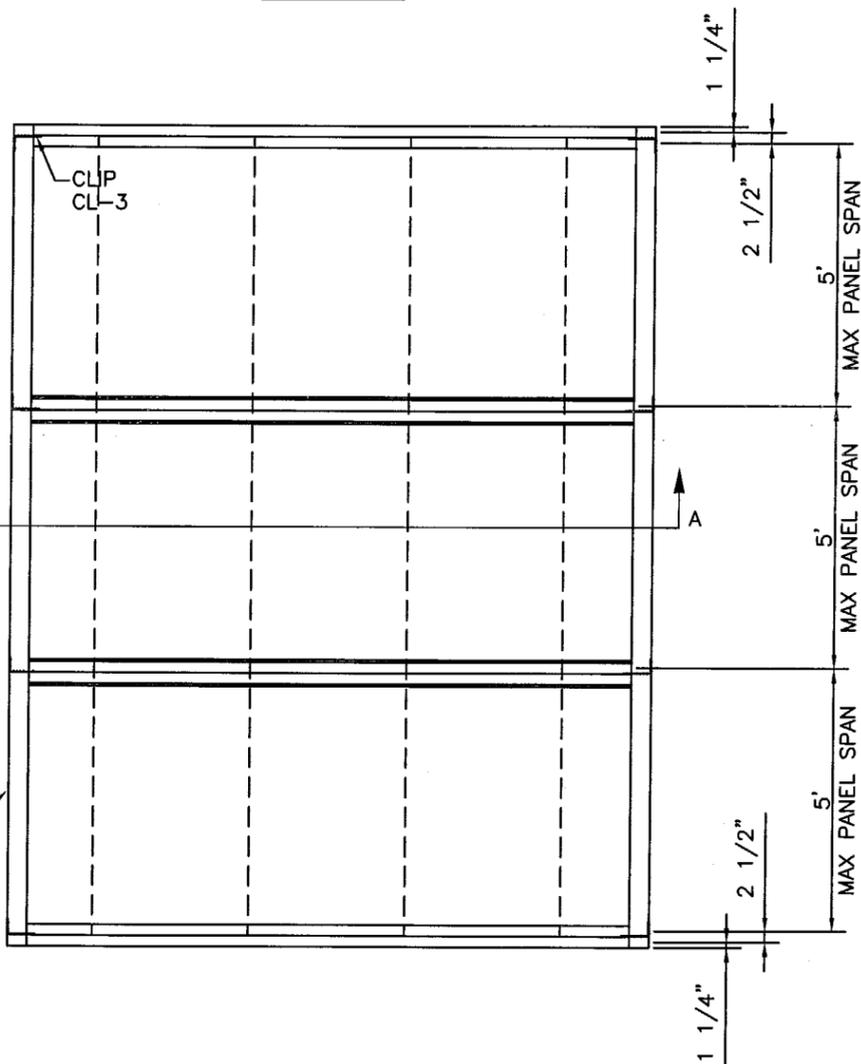
SECTION A-A

TRU CEE PURLIN
BACK TO BACK
(0.061" MIN.)

ZEE PURLIN
(0.061" MIN.)

8 1/4" U CHANNEL
12 GA.
(0.067" MIN.)

TRU CEE PURLIN
BACK TO BACK
(0.061" MIN.)



* THICKNESS SHOWN IS THE "TOTAL" THICKNESS WHICH CONSIST
OF THE BASE METAL THICKNESS AND COATING THICKNESS

Handwritten signature and date:
1/14/04

NO.	REVISION	MADE	CK'D.	DATE
1	GENERAL REVISIONS	TAC	JW	1-13-04

ENGINEER'S NAME:
Jeffrey C. Walsh
ENGINEER'S STATE REGISTRATION NUMBER:
Florida #41467

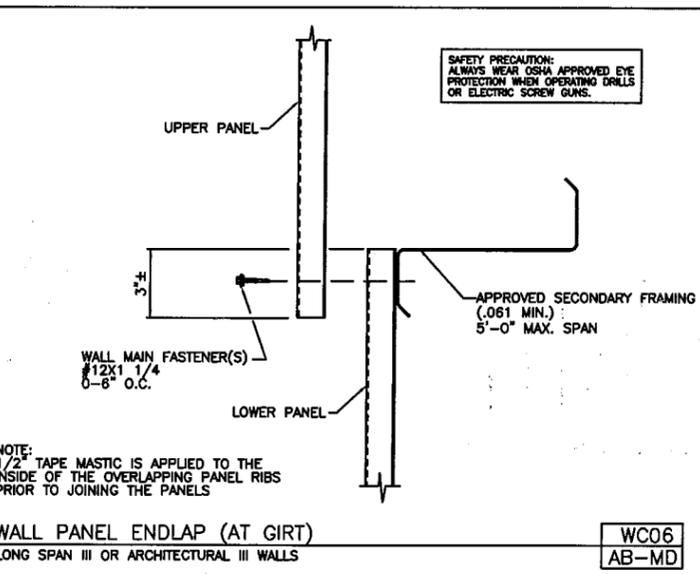
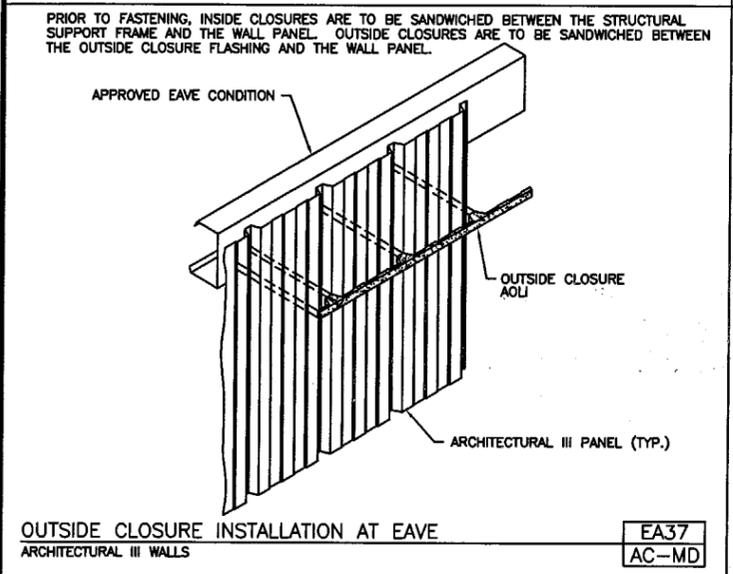
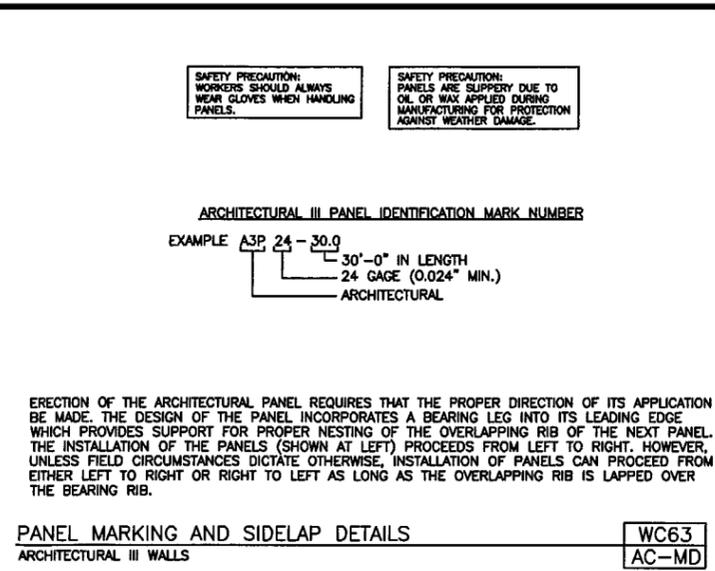
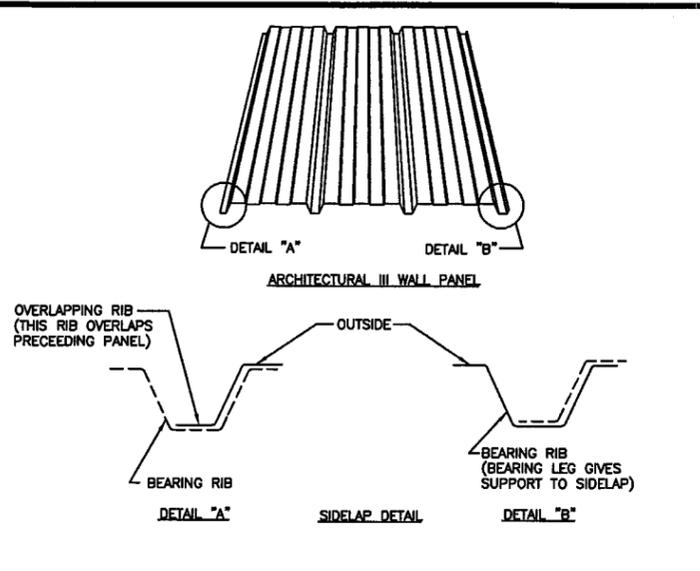
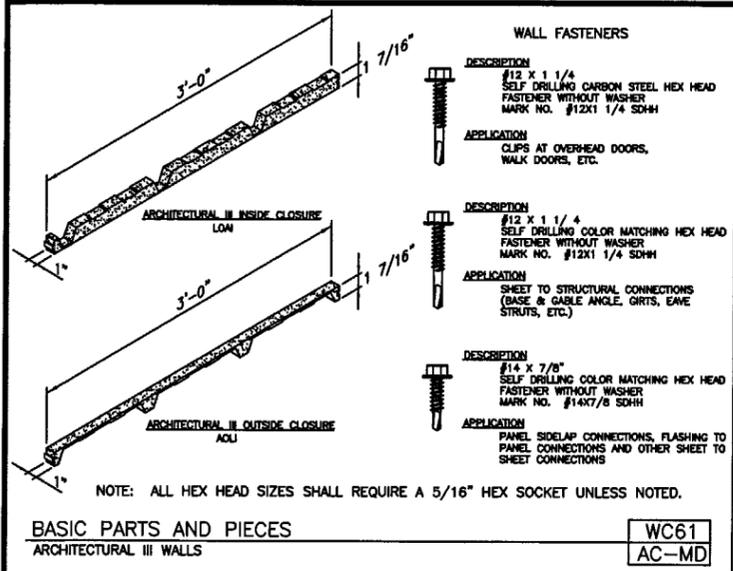
SCALE: NOT TO SCALE
DATE: 3-5-03
DRAWN BY: YML
CHECKED BY: PC
DESIGN APP'D. BY:
ISSUED DATE: 3-5-03

LAB DRAWINGS
A3P WALL
PA-301



American Buildings Company
State Docks Road, P.O. Box 800
Eufaula, AL 36027-0800

DRAWING NUMBER: A3P-WALL
REVISION NUMBER: 1



ERECTION NOTES:

1. ALL AREAS WHERE MASTIC IS TO BE APPLIED SHOULD BE WIPED CLEAN WITH A MILD DETERGENT OR AN ALL PURPOSE CLEANER BEFORE MASTIC APPLICATION. THIS WILL INSURE A GOOD SEALING SURFACE AND IMPROVE WEATHER TIGHTNESS.
2. THE BLANKET INSULATION MANUFACTURER RECOMMENDS THAT DOUBLE SIDED TAPE BE USED TO SECURE THE INSULATION TO THE EAVE. AMERICAN BUILDINGS COMPANY IS NOT RESPONSIBLE FOR THE INSTALLATION OR ATTACHMENT OF THE INSULATION. ADDITIONAL ATTACHMENTS (NOT BY A B C) MAY BE REQUIRED.
3. ALL EXPOSED FASTENERS SHOULD PENETRATE THE SEALANT FOR THE MOST WEATHER TIGHT CONNECTION IN WALL AREAS WHERE APPLICABLE.
4. THE ARCHITECTURAL PANEL IS DESIGNED FOR WALL APPLICATIONS ONLY AND SHOULD NEVER BE UTILIZED IN THE ROOF FOR PURPOSES OF PROVIDING A ROOF SYSTEM FOR BUILDINGS. THE INVERTED RIBS INCORPORATED INTO ITS DESIGN PRODUCE SMOOTH SHADOW LINES AND SEMI-CONCEALED FASTENERS. ALTHOUGH SHEETING CAN USUALLY BEGIN FROM EITHER END OF THE BUILDING, APPLICATION OF THIS PANEL IS DIRECTIONAL. PROPERLY INSTALLED, THE LAP EDGES OF THE ARCHITECTURAL PANEL HAVE MINIMUM VISIBILITY.
5. WHEN FIELD CUTTING PANELS OR TRIM DO NOT USE ABRASIVE SAWS OR OTHER CUTTING METHODS WHICH PRODUCE HOT METAL PARTICLES OR BURN THE CUT EDGES. THESE METHODS WILL DAMAGE THE PAINTED AND GALVALUME FINISH AND VOID ANY WARRANTIES. USE DOUBLE CUT SHEARS, NIBBLERS OR OTHER CUTTING DEVICES WICH DO NOT PRODUCE HOT METAL PARTICLES OR BURNED EDGES.

ERECTION NOTES
ARCHITECTURAL III WALLS

WC91
AC-MD

THE MAXIMUM PANEL SPAN AND THE MAXIMUM DESIGN PRESSURE FOR THIS WALL PANEL SHALL BE BASED ON THE FOLLOWING PANEL ALLOWABLES:

MAXIMUM ALLOWABLE BENDING MOMENT (AT SUPPORTS) = 125.0 ft-lbs.
MAXIMUM ALLOWABLE BENDING MOMENT (BETWEEN SUPPORTS) = 100.0 ft-lbs.
MAXIMUM ALLOWABLE PANEL REACTION (AT SUPPORTS) = 275.0 lbs.
PANEL'S EI VALUE = 1,190,000 lbs-in²
MAXIMUM PANEL DEFLECTION = L/240

NOTE:
THIS WALL PANEL IS APPROVED FOR SPANS OF UP TO 5'-0" MAXIMUM

APPROVED ALLOWABLES AND DESIGN NOTES
ARCHITECTURAL III WALLS

MP04
AC-MD

DWG. NO. A3P-WALL SHEET NO. 2 OF 3

For Dade County Office Use Only

Approved as complying with the Florida Building Code
Date 02/19/2004
NOA# 03-0530.04
Miami Dade Product Control
Division
By *Helmut A. Mader*

Jeffrey C. Walsh
1/14/04

NO.	REVISION	MADE	CK'D.	DATE
3	GENERAL REVISIONS	TAC	JW	1-13-04
2	ADD APPROVED ALLOWABLES	TAC	PC	4-21-03
1	PRELIMINARY	YML	PC	2-11-03

ENGINEER'S NAME: Jeffrey C. Walsh	SCALE: NOT TO SCALE	DATE 1-17-03
ENGINEER'S STATE REGISTRATION NUMBER: Florida #41467	CHECKED BY: PC	1-17-03
	DESIGN APP'D. BY:	
	ISSUED DATE:	1-17-03

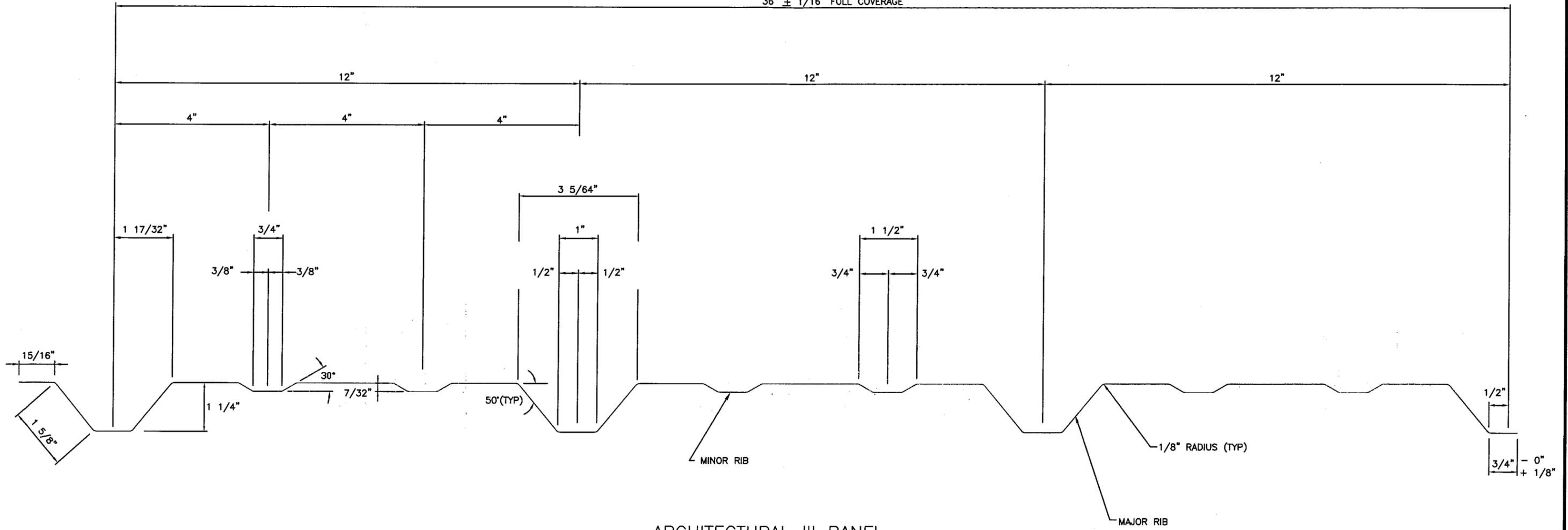
MIAMI-DADE
ARCHITECTURAL III WALL
PANEL BASIC ERECTION



American Buildings Company
State Docks Road, P.O. Box 800
Eufaula, AL 36027-0800

DRAWING NUMBER: ASW-1.0 (MD)	REVISION NUMBER: 3
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36" ± 1/16" FULL COVERAGE



ARCHITECTURAL III PANEL
(A3P)

DWG. NO. A3P-WALL SHEET NO. 3 OF 3

MARK NUMBER	MATERIAL	WEIGHT
A3P24-LENGTH	24 GAGE (0.024" MIN.)	3.36#/L.F.

GENERAL NOTES

1. ALL DIMENSIONS ARE ± 1/32" (U.N.) EXCEPT TOLERANCE DIMENSIONS.
2. ALL ANGLES ±2" (U.N.)
3. COIL WIDTH = 43".
4. MATERIAL = 24 GA. (0.024" MIN. THICKNESS) MINIMUM YIELD 80 KSI

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Division
By Helmy A. M...

Jeffrey C. Walsh
1/14/04

NO.	REVISION	MADE	CK'D.	DATE
1	GENERAL REVISIONS	TAC	JW	1-13-04

ENGINEER'S NAME: Jeffrey C. Walsh	SCALE: NOT TO SCALE	DATE 4-21-03
ENGINEER'S STATE REGISTRATION NUMBER: Florida #41467	DRAWN BY: T.A.C.	4-21-03
	CHECKED BY: P.C.	4-21-03
	DESIGN APP'D. BY:	
	ISSUED DATE:	4-21-03



American Buildings Company
State Docks Road, P.O. Box 800
Eufaula, AL 36027-0800

DRAWING NUMBER: A3P-PROFILE (MD) REVISION NUMBER 1