



**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, Alabama 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: "L3P" 0.023" (min.) Galvalume Steel Structural Roof Panel

APPROVAL DOCUMENT: Drawing No. L3P-Roof1, titled "Long Span III Roof Panel", sheets 1 through 8 of 8, prepared by American Buildings Company, signed and sealed by Jeffrey C. Walsh, P.E. on November 10, 2003, 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) and approval document mentioned above. The submitted documentation was reviewed by **Helmy A. Makar, P.E.**



Helmy A. Makar
12/11/03

**NOA No 03-0530.03
Expiration Date: 12/11/2008
Approval Date: 12/11/2003
Page 1**

American Buildings Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

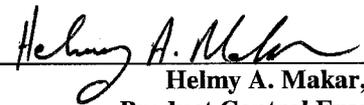
1. *Drawing No. L3P-Roof1, titled " Long Span III Roof Panel ", sheets 1 through 8 of 8, prepared by American Buildings Company, signed and sealed by Jeffrey C. Walsh, P.E. on November 10, 2003*

B. TESTS

1. *Test report on Large Missile Impact Test on Low Fastened Layout Roof Panel, prepared by Hurricane Test Laboratory, Inc., Report No. 0207-0613-02, dated March 21, 2003, signed and sealed by Vinu J. Abraham, P.E.*
2. *Test report on TAS 125 on L3P Roof Low Fastened Gravity Load, prepared by Hurricane Test Laboratory, Inc., Report No. 0207-0616-02, dated March 21, 2003, signed and sealed by Vinu J. Abraham, P.E.*
3. *Test report on TAS 125 on L3P Roof Low Fastened, prepared by Hurricane Test Laboratory, Inc., Report No. 0207-0616-02, dated March 21, 2003, signed and sealed by Vinu J. Abraham, P.E.*
4. *Test report on TAS 125 on L3P Roof Negative High Fastened, prepared by Hurricane Test Laboratory, Inc., Report No. 0207-0616-02, dated March 21, 2003, signed and sealed by Vinu J. Abraham, P.E.*
5. *Test report on TAS 100-95 on L3P Structural Metal Roofing System, prepared by Asphalt Technologies, Report No. PRI02096, dated September 26, 2002, signed and sealed by Charles L. Thomas, P.E.*
6. *Test report on Accelerated Weathering Testing of Coating 2000 hours per ASTM G26-96, prepared by PRI Asphalt Technologies, Report No. PRI00001, dated May 1, 2000, signed and sealed by Charles L. Thomas, P.E.*
7. *Test report on Salt Spray Testing of Coating 1000 hours per ASTM B117-95, prepared by Celotex, Report No. 520534, dated April 12, 2000, signed and sealed by R. C. Miller, P.E.*
8. *Susceptibility to leakage test in accordance with Protocol TAS 114 Appendix G, prepared by PRI Asphalt Technologies, Report No. PRI03106, dated October 28, 2003, signed and sealed by Charles L. Thomas, P.E.*

C. CALCULATIONS

1. *Calculations titled "Longspan III, 24 Ga., Structural Fasteners 6" O.C.", 8 pages, prepared by Jeff Walsh, P.E., signed and sealed by Jeff Walsh, P.E. on April 21, 2003.*
2. *Calculations titled "Longspan III, 24 Ga., Structural Fasteners 12" O.C.", 8 pages, prepared by Jeff Walsh, P.E., signed and sealed by Jeff Walsh, P.E. on April 21, 2003.*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 03-0530.03
Expiration Date: 12/11/2008
Approval Date: 12/11/2003

American Buildings Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

3. *Calculations titled "L3P Metal roof Panels", 8 pages, prepared by Jeff Walsh, P.E., signed and sealed by Jeff Walsh, P.E. on October 6, 2003.*

D. QUALITY ASSURANCE

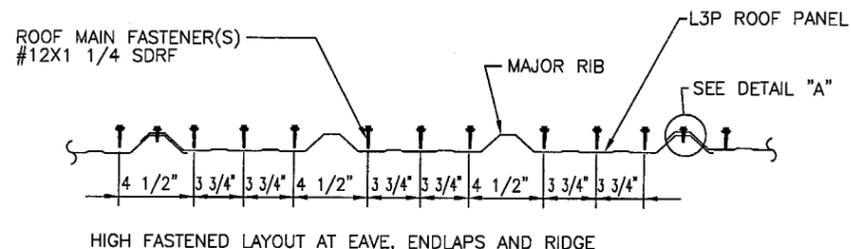
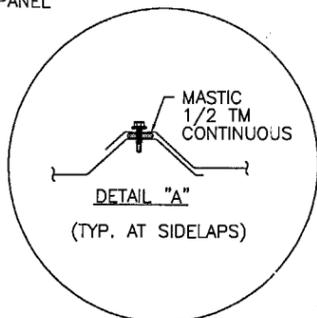
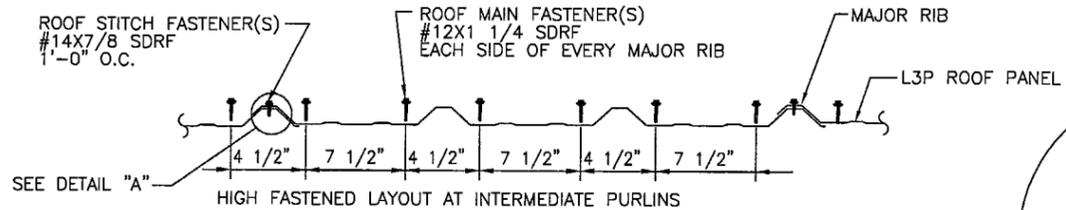
1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

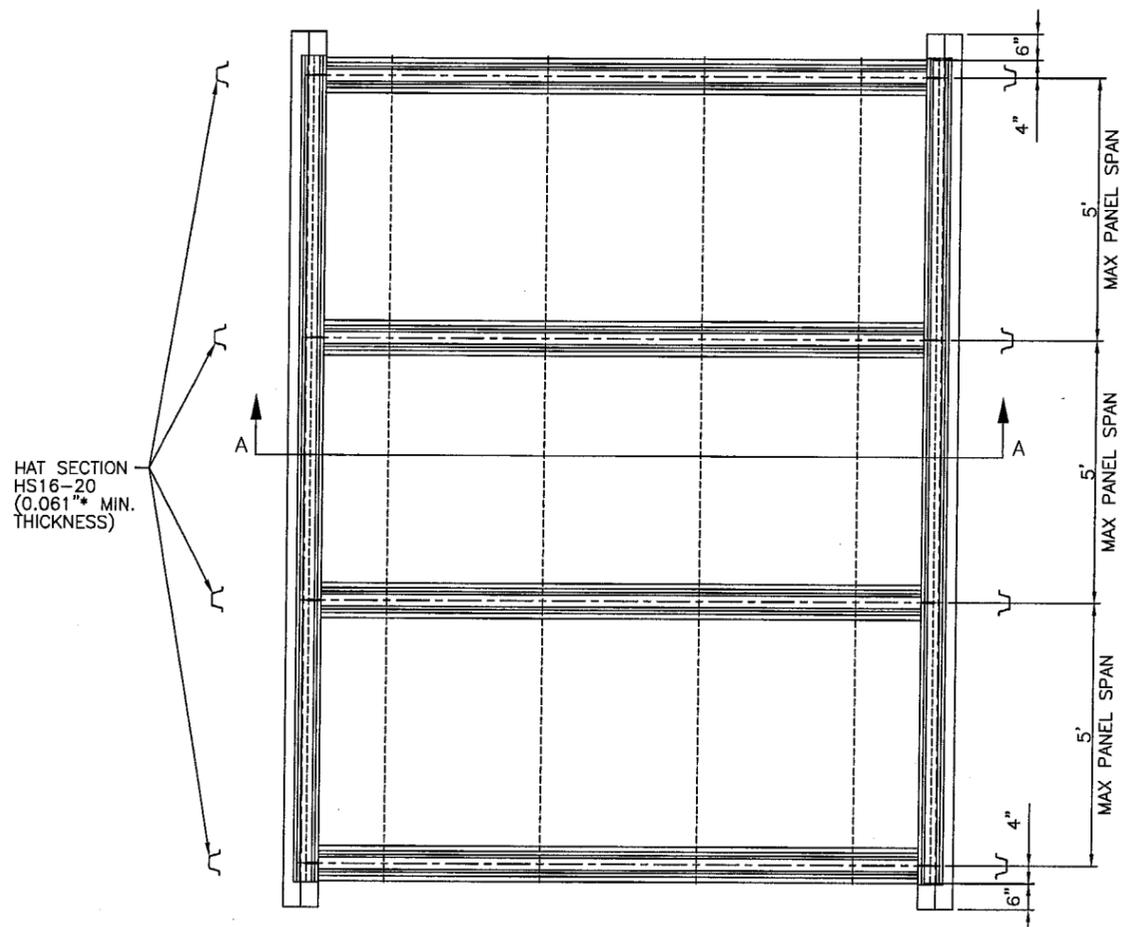
1. *Mill Certified Test Report issued by U. S. Steel, dated January 7, 2002, with chemical composition and mechanical properties of galvalume steel.*
2. *Tensile Test on specimen #1-A of Test No. 0207-0624-02, Report No. 2HM-1001, prepared by QC Metallurgical, Inc., dated September 25, 2002, signed and sealed by Frank Grate, P.E.*



Helmy A. Makar, P. E.
Product Control Examiner
NOA No 03-0530.03
Expiration Date: 12/11/2008
Approval Date: 12/11/2003



SECTION A-A



0.061" MIN. THICKNESS IS THE "TOTAL" THICKNESS WHICH CONSIST OF THE BASE METAL THICKNESS AND COATING THICKNESS

PURLINS TO BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT FOR EACH JOB.

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

ROOF MAIN FASTENER(S) #12X1 1/4 SDRF (3) PER PANEL FLAT 3 3/4" ± O.C.

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

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

TAPE MASTIC 1/2" TM

L3P INSIDE CLOSURE AOLI

1/2 MASTIC APPLIED AT PANEL SIDELAPS

TAPE MASTIC 1/2" TM

L3P INSIDE CLOSURE AOLI

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

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

TAPE MASTIC 1/2" TM

L3P INSIDE CLOSURE AOLI

DWG. NO. L3P-ROOF1 SHEET NO. 1 OF 8

For Dade County Office Use Only

Approved as complying with the Florida Building Code
 Date 12/11/2003
 NOA# 03-0530.03
 Miami Dade Product Control Division
 By *Helmy A. M...*

No.	REVISION	THG	JCW	MADE	CK'D.	DATE
1	GENERAL REVISION					11-5-03

Jeffrey C. Walsh
11/10/03

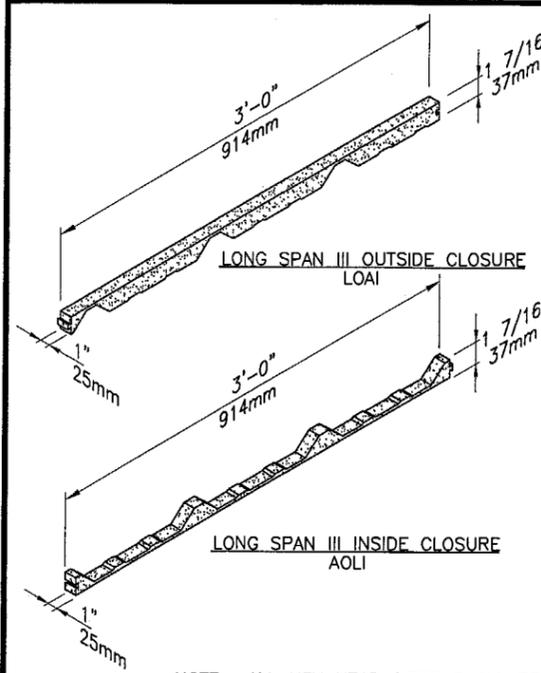
ENGINEER'S NAME: Jeffrey C. Walsh	SCALE: NOT TO SCALE	DATE 3-5-03
ENGINEER'S STATE REGISTRATION NUMBER: Florida #41467	DRAWN BY: YML	CHECKED BY: PC
	DESIGN APP'D. BY:	ISSUED DATE: 3-5-03

LAB TEST SET UP
L3P-HIGH FASTENED
ASTM-E1592-98



American Buildings Company
State Docks Road, P.O. Box 800
Eufaula, AL 38027-0800

DRAWING NUMBER: L3P-ROOF1-HF REVISION NUMBER 1



DESCRIPTION
 #12 X 1 1/4 (ATLAS BOLT AND SCREW) PREMIUM SELF DRILLING HEX HEAD FASTENER WITH WASHER
 MARK NO. #12X1 1/4 SDRF

APPLICATION
 EAVE AND PURLIN AND DIE-FORMED RIDGE CONNECTIONS AND EXPOSED SHEET TO STRUCTURAL CONNECTIONS. ALUMINUM-ZINC ALLOY-COATED ROOFS AND ALL PRE-FINISHED ROOFS.

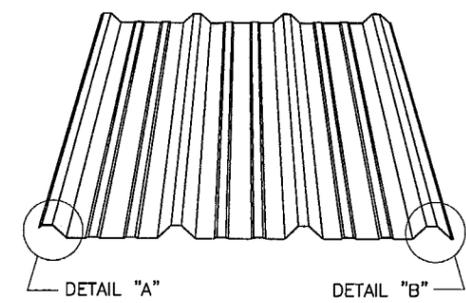
DESCRIPTION
 #14 STITCH (ATLAS BOLT AND SCREW) PREMIUM SELF DRILLING HEX HEAD FASTENER WITH WASHER
 MARK NO. #14X7/8 SDRF

APPLICATION
 (1/8"Ø PILOT & 1/4"Ø CLEARANCE HOLE REQUIRED) PANEL SIDELAP CONNECTIONS, FLASHING TO PANEL CONNECTIONS AND OTHER EXPOSED SHEET TO SHEET CONNECTIONS. ALUMINUM-ZINC ALLOY-COATED ROOFS AND ALL PRE-FINISHED ROOFS.

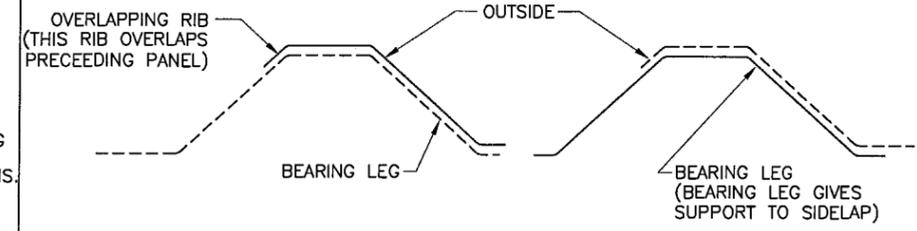
NOTE: ALL HEX HEAD SIZES SHALL REQUIRE A 5/16" HEX SOCKET UNLESS NOTED.

APPROVED PARTS AND PIECES
 LONG SPAN III ROOF

RC61
 BA-MD



LONG SPAN III PANEL

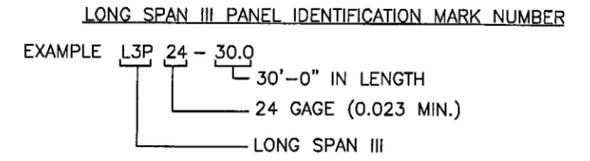


DETAIL "A" DETAIL "B"

SIDLAP DETAIL

SAFETY PRECAUTION:
 DO NOT STEP ON RIB OF PANEL. ALWAYS STEP ON FLAT SURFACE.

SAFETY PRECAUTION:
 DO NOT STEP ON PANELS UNTIL FULLY SECURED WITH FASTENERS.



EACH PANEL SHALL BE PERMANENTLY LABELED WITH MANUFACTURER'S NAME, LOGO, CITY, STATE AND THE FOLLOWING STATEMENT: MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED. ERECTION OF THE LONG SPAN PANEL REQUIRES THAT THE PROPER DIRECTION OF ITS APPLICATION BE MADE. THE DESIGN OF THE PANEL INCORPORATES A BEARING LEG INTO ITS LEADING EDGE WHICH PROVIDES SUPPORT FOR PROPER NESTING OF THE OVERLAPPING RIB OF THE NEXT PANEL. THE INSTALLATION OF THE PANELS (SHOWN AT LEFT) PROCEEDS FROM LEFT TO RIGHT. HOWEVER, UNLESS FIELD CIRCUMSTANCES DICTATE OTHERWISE, INSTALLATION OF PANELS CAN PROCEED FROM EITHER LEFT TO RIGHT OR RIGHT TO LEFT AS LONG AS THE OVERLAPPING RIB IS LAPPED OVER THE BEARING RIB.

PANEL MARKING AND SIDELAP DETAILS
 LONG SPAN III

RC63
 BB-MD

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 ABC) MAY BE REQUIRED.
3. ALL EXPOSED FASTENERS SHOULD PENETRATE THE SEALANT FOR THE MOST WEATHER TIGHT CONNECTION IN ROOF AND WALL AREAS WHERE APPLICABLE.
4. 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 WHICH DO NOT PRODUCE HOT METAL PARTICLES OR BURNED EDGES.

ERECTION NOTES
 LONG SPAN III

RC91
 BA-MD

L3P ROOF PANEL, 24 GAUGE (0.023): MIAMI-DADE COUNTY
 AMERICAN BUILDINGS COMPANY USES STRUCTURAL STEEL WIND BRACING TO TRANSFER WIND LOAD FROM VARIOUS PARTS OF THE STRUCTURE TO THE FOUNDATION. RELIANCE IS NOT MADE UPON THE DIAPHRAGM STRENGTH OF THE PANEL TO CARRY WIND FORCES.

STRUCTURAL FASTENERS AT 6" O.C. (HIGH FASTENED LAYOUT):

THE MAXIMUM PANEL DESIGN PRESSURE (POSITIVE AND NEGATIVE) FOR THIS ROOF PANEL SHALL BE BASED ON THE FOLLOWING PANEL ALLOWABLES:

- MAXIMUM ALLOWABLE BENDING MOMENT (TOP IN COMPRESSION) = 154.2 ft-lbs.
- MAXIMUM ALLOWABLE BENDING MOMENT (BOTTOM IN COMPRESSION) = 123.3 ft-lbs.
- MAXIMUM ALLOWABLE PANEL REACTION AT SUPPORT = 339.2 lbs.
- MAXIMUM ALLOWABLE DEFLECTION OF PANEL = 2/40
- PANEL'S EI VALUE = 1,190,000 lbs.-in²

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

STRUCTURAL FASTENERS AT 12" O.C. (LOW FASTENED LAYOUT):

THE MAXIMUM PANEL DESIGN PRESSURE (POSITIVE AND NEGATIVE) FOR THIS ROOF PANEL SHALL BE BASED ON THE FOLLOWING PANEL ALLOWABLES:

- MAXIMUM ALLOWABLE BENDING MOMENT (TOP IN COMPRESSION) = 122.9 ft-lbs.
- MAXIMUM ALLOWABLE BENDING MOMENT (BOTTOM IN COMPRESSION) = 98.3 ft-lbs.
- MAXIMUM ALLOWABLE PANEL REACTION AT SUPPORT = 270.4 lbs.
- MAXIMUM ALLOWABLE DEFLECTION OF PANEL = 2/40
- PANEL'S EI VALUE = 1,190,000 lbs.-in²

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

APPROVED ALLOWABLES AND DESIGN NOTES
 LONG SPAN III ROOFS

MP04
 BA-MD

DWG. NO. SHEET NO.
 L3P-ROOF 1 2 OF 8

For Dade County Office Use Only

Approved as complying with the
 Florida Building Code
 Date 12/11/2003
 NOAH 03-0530-03
 Miami Dade Product Control
 Division
 By *Heidi A. Miller*

NO.	REVISION	MADE	CK'D.	DATE
3	REVISED PER LATEST CALCULATIONS / TESTS	THG	JCW	11-4-03
2	ADDED APPROVED ALLOWABLES AND DESIGN NOTES (MP04-BA)	TAC	PC	4-21-03
1	PRELIMINARY	YML	PC	2-11-03

Jeffrey C. Walsh
 11/10/03

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

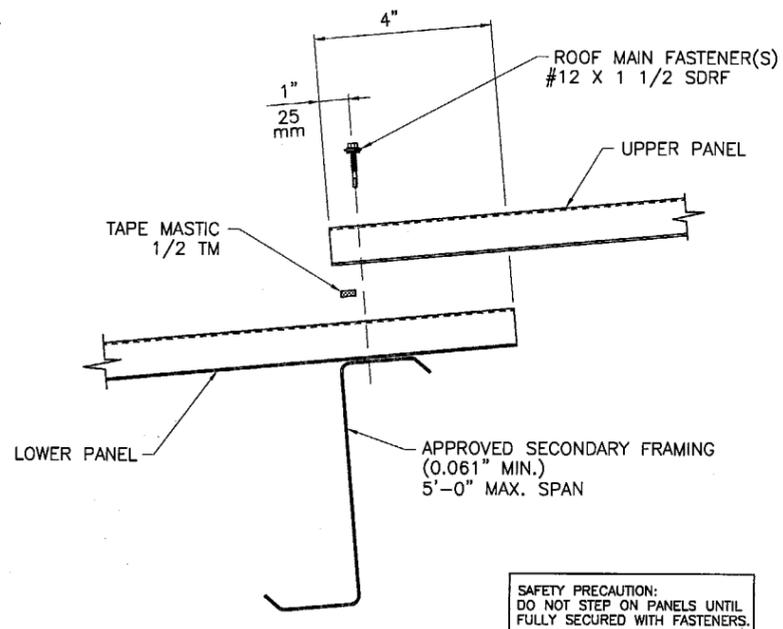
DRAWN BY: TG 1-17-03
 CHECKED BY: PC 1-17-03
 DESIGN APP'D. BY:
 ISSUED DATE: 1-17-03

MIAMI-DADE
 LONG SPAN III ROOF
 PANEL BASIC ERECTION



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

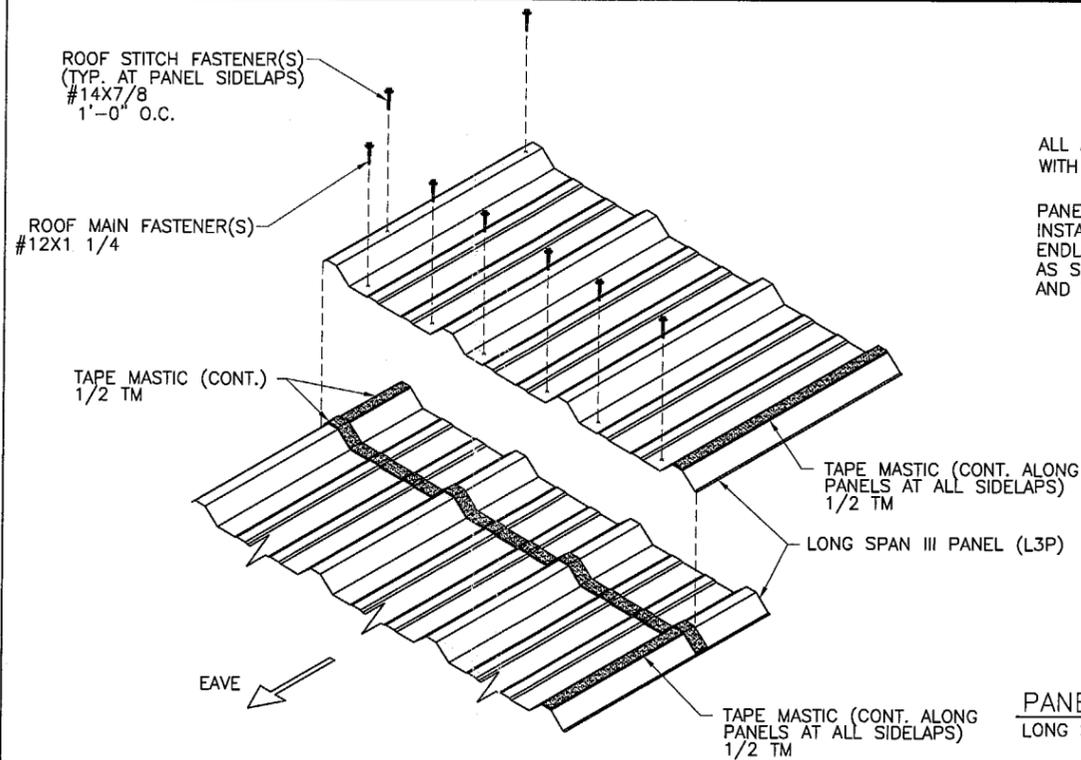
DRAWING NUMBER: LSR-1.0 (MD) 1 OF 2 REVISION NUMBER 3



ROOF PANEL ENDLAP
LONG SPAN III

RC06
BA-MD

SAFETY PRECAUTION:
DO NOT STEP ON PANELS UNTIL FULLY SECURED WITH FASTENERS.



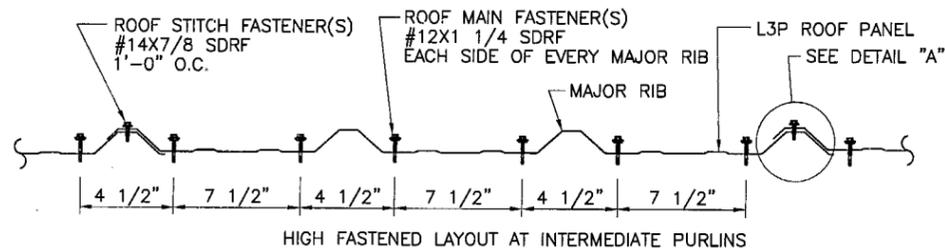
PANEL LAP DETAIL
LONG SPAN III ROOF

RC07
BA-MD

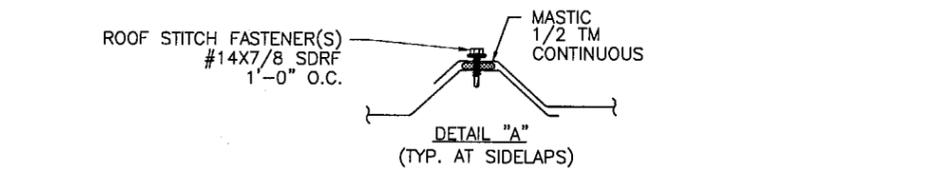
ALL AREAS ON ALUMINUM COATED PANELS THAT REQUIRE MASTIC SHOULD BE WIPED CLEAN WITH A MILD ALL PURPOSE DETERGENT CLEANER BEFORE MASTIC APPLICATION.

PANEL RUNS EXCEEDING 45 FEET IN LENGTH MUST BE MADE WITH TWO OR MORE PANELS. INSTALL A CONTINUOUS RUN OF MASTIC ALONG THE LENGTH OF THE ROOF WHERE THE PANEL ENDLAPS OCCUR AND ALSO ALONG THE LENGTH OF THE PANELS WHERE ALL SIDELAPS OCCUR AS SHOWN IN THE DETAIL AT LEFT. SECURE THE ENDLAPS WITH #12X1 1/4 ROOF FASTENERS AND THE PANEL SIDELAPS WITH #14 STITCH ROOF FASTENERS.

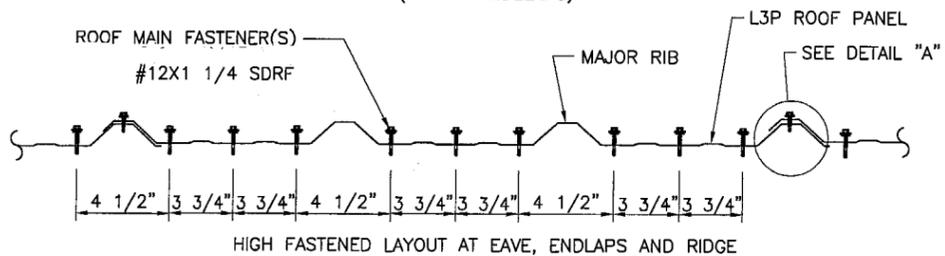
SAFETY PRECAUTION
DO NOT STEP ON RIB OF PANEL. ALWAYS STEP ON FLAT SURFACE. DO NOT STEP ON PANELS UNTIL FULLY SECURED WITH FASTENERS.



HIGH FASTENED LAYOUT AT INTERMEDIATE PURLINS

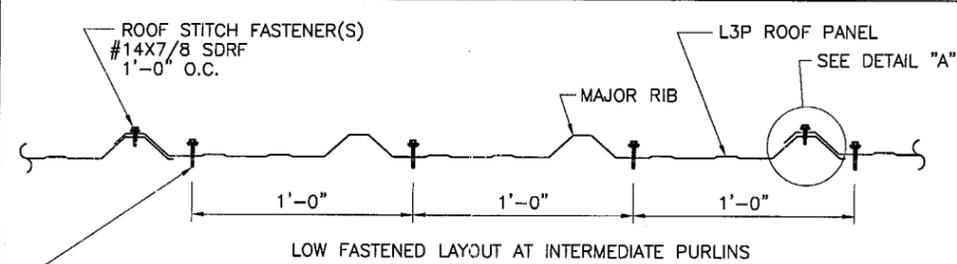


DETAIL "A"
(TYP. AT SIDELAPS)

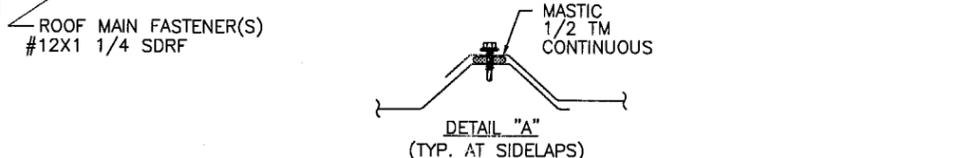


HIGH FASTENED LAYOUT
LONG SPAN III ROOF

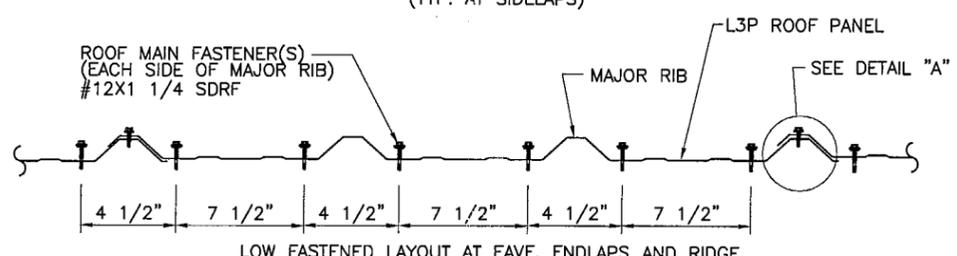
RC05
BA-MDH



LOW FASTENED LAYOUT AT INTERMEDIATE PURLINS



DETAIL "A"
(TYP. AT SIDELAPS)



LOW FASTENED LAYOUT
LONG SPAN III ROOF

RC05
BA-MDL

DWG. NO. SHEET NO.
L3P-ROOF 1 3 OF 8

For Dade County Office Use Only

Approved as complying with the Florida Building Code
Date 12/11/2003
NOA# 03-0530.03
Miami Dade Product Control Division
By *Heather A. Walsh*

NO.	REVISION	MADE	CK'D.	DATE

Jeffrey C. Walsh
11/10/03

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

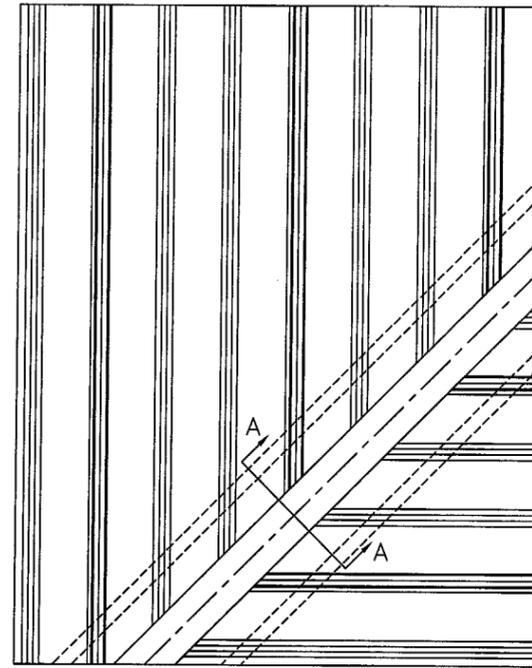
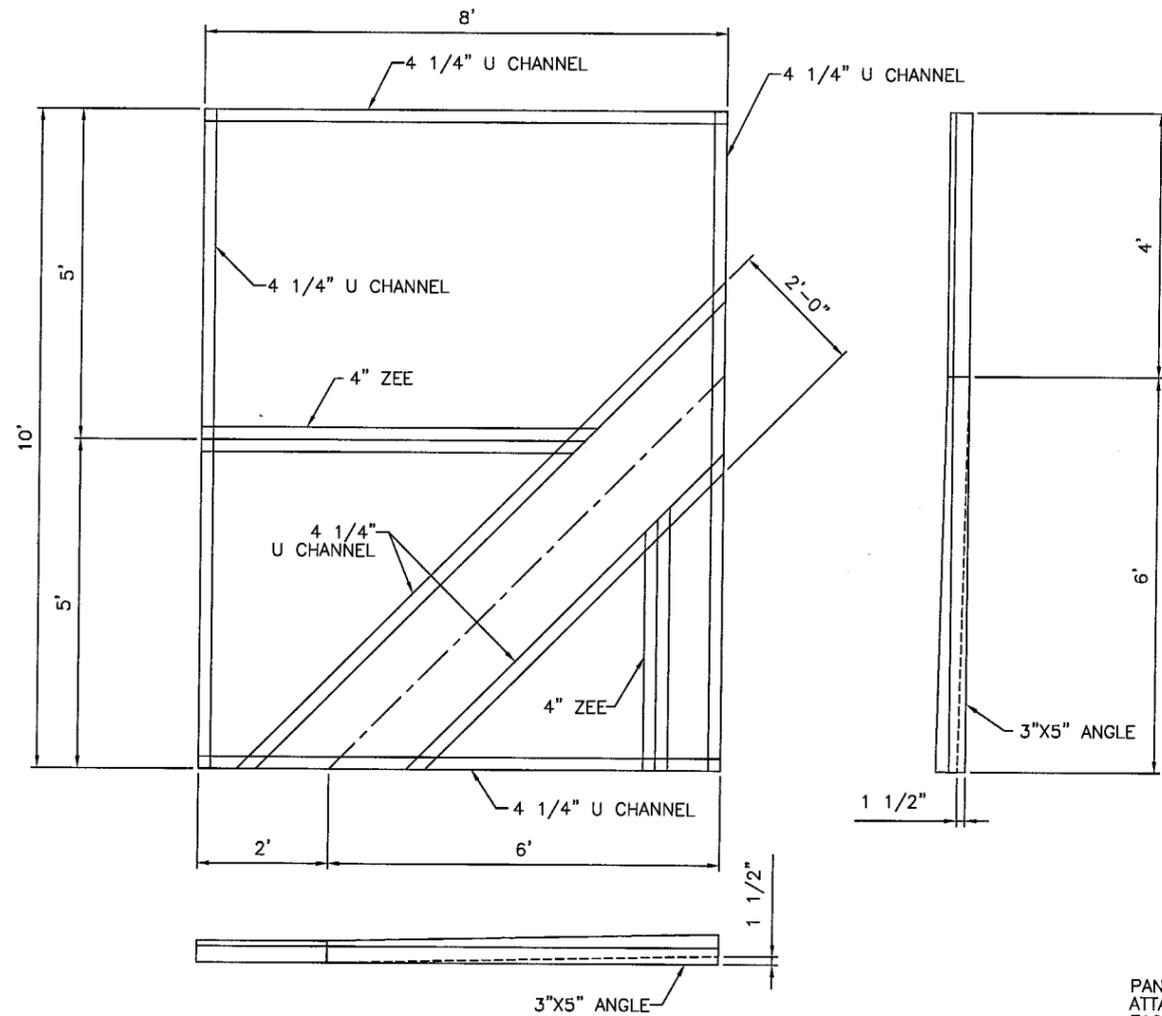
DRAWN BY: TG 11-5-03
CHECKED BY: JW 11-5-03
DESIGN APP'D. BY:
ISSUED DATE: 11-5-03

MIAMI-DADE
LONG SPAN III ROOF
PANEL BASIC ERECTION



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

DRAWING NUMBER: LSR-1.0 (MD) 2 OF 2 REVISION NUMBER 0



PRODUCT	MANUFACTURER
#12X1 1/4" SDRF	ATLAS BOLT AND SCREW
#12X7/8" SDRF	ATLAS BOLT AND SCREW
1/2"X1/8" TAPE MASTIC	SIKA CORP.
2"X3/16" TAPE MASTIC	SIKA CORP.
GTS CAULK	SIKA CORP.
AOLI, LONG SPAN CLOSURE	CONSTRUCTION FASTENERS

NOTE:
MINIMUM ROOF SLOPE PER APPLICABLE BUILDING CODE

LONG SPAN ROOF PANEL

PANELS ATTACHED AT 5'-0" O.C.
ATTACHED WITH #12X1 1/4" SDRF
EACH SIDE OF EVERY MAJOR RIB
ALONG PURLIN LINE

#12X1 1/4 SDRF
6" O.C.

1/2" TAPE MASTIC APPLIED
TO PANEL SIDELAPS

1/2" TAPE MASTIC
APPLIED TOP AND BOTTOM
OF CLOSURE
1/2 TM

L3P INSIDE CLOSURE
AOLI

DWG. NO. SHEET NO.
L3P-ROOF 1 4 OF 8

For Dade County Office Use Only

Approved as complying with the
Florida Building Code
Date 12/11/2003
NOAH 03-0530.03
Miami Dade Product Control
Division
By Helmut A. Meier

LONG SPAN CLOSURE
AOLI
W/ 1/2 TAPE MASTIC
APPLIED TO TOP
CONTINUOUS.

2"X3/16" TAPE MASTIC
SIKALASTOMER TC-95
1 RUN PER SIDE OF VALLEY

#12X1 1/4" SDRF
3 PER PANEL FLAT
3 3/4" ± O.C.

ROOF STITCH FASTENERS
1'-6" O.C.
#14X7/8 SDRF

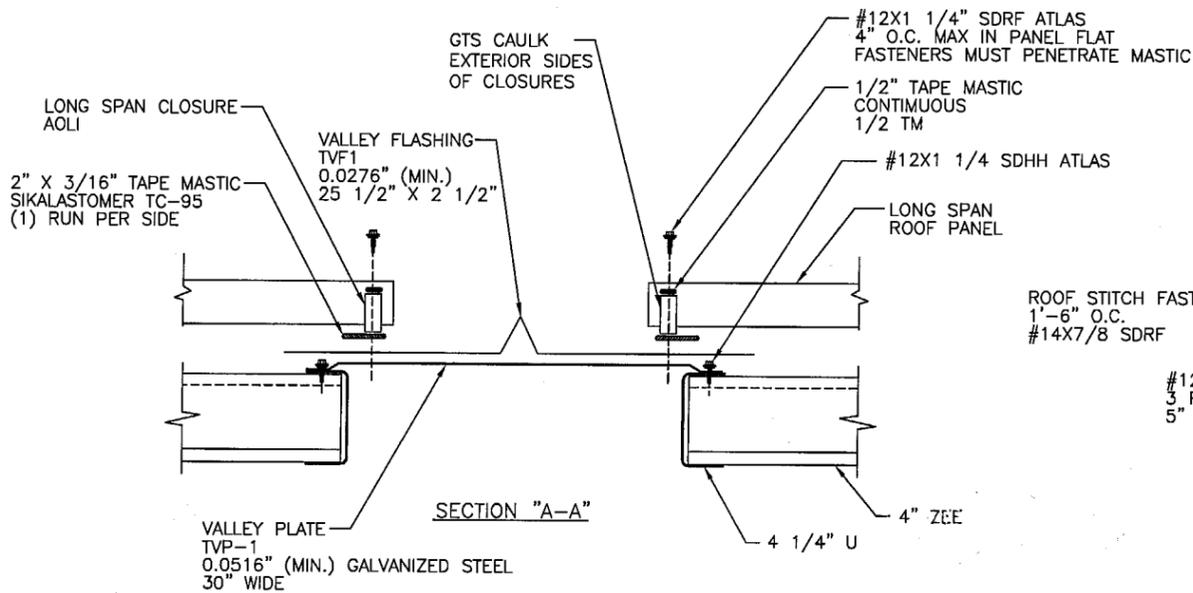
#12X1 1/4" SDRF
3 PER PANEL FLAT
5" ± O.C.

FIELD NOTCH
END CAP

ROOF STITCH FASTENERS
1'-6" O.C.
#14X7/8 SDRF

#12X1 1/4" SDRF
3 PER PANEL FLAT
5" ± O.C.

FIELD NOTCH
END CAP



SECTION "A-A"

VALLEY PLATE
TVP-1
0.0516" (MIN.) GALVANIZED STEEL
30" WIDE

GTS CAULK
EXTERIOR SIDES
OF CLOSURES

VALLEY FLASHING
TVF1
0.0276" (MIN.)
25 1/2" X 2 1/2"

LONG SPAN CLOSURE
AOLI
2" X 3/16" TAPE MASTIC
SIKALASTOMER TC-95
(1) RUN PER SIDE

#12X1 1/4" SDRF ATLAS
4" O.C. MAX IN PANEL FLAT
FASTENERS MUST PENETRATE MASTIC

1/2" TAPE MASTIC
CONTINUOUS
1/2 TM

#12X1 1/4 SDHH ATLAS

LONG SPAN
ROOF PANEL

4" ZEE
4 1/4" U

NO.	REVISION	TAC	JCW	11-7-03
1	GENERAL REVISIONS			
		MADE	CK'D.	DATE

Jeffrey C. Walsh
11/10/03

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

SCALE: NOT TO SCALE
DATE: 3-30-00
DRAWN BY: YML
CHECKED BY: DH
DESIGN APP'D. BY:
ISSUED DATE: 3-30-00

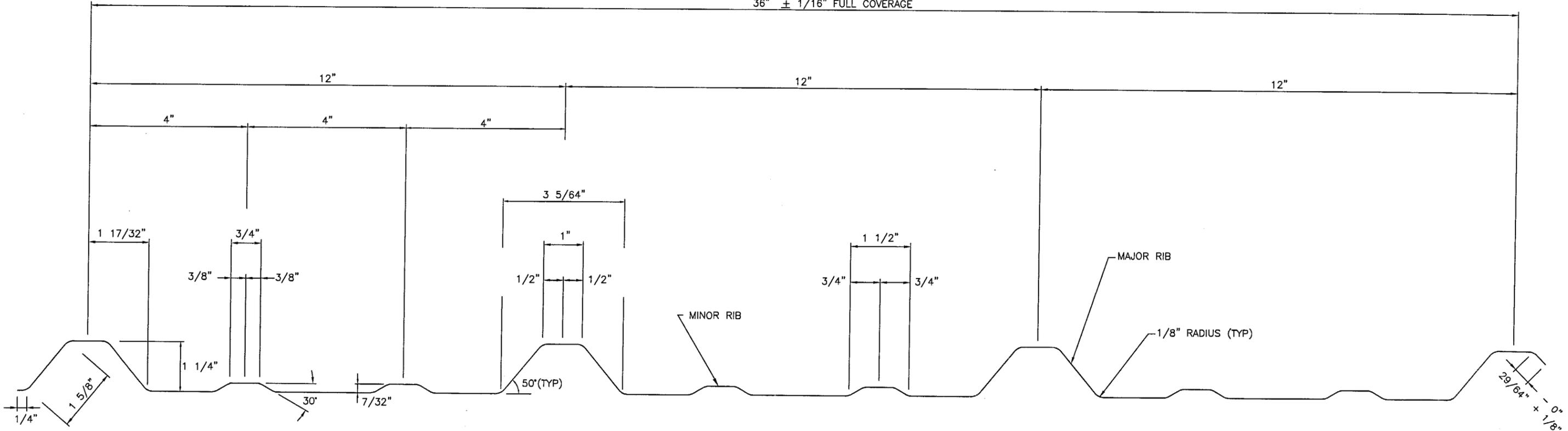
MIAMI - DADE
VALLEY DETAILS



American Buildings Company
State Docks Road, P.O. Box 800
Eufaula, AL 38027-0800

DRAWING NUMBER: DCTS-L3P REVISION NUMBER: 1

36" ± 1/16" FULL COVERAGE



LONG SPAN III PANEL
(L3P)

DWG. NO. L3P-PROFILE SHEET NO. 5 OF 8

MARK NUMBER	MATERIAL	WEIGHT
L3P24--LENGTH	24 GAGE, (0.023" 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., (0.023" MIN.) MINIMUM YIELD 80 KSI

For Dade County Office Use Only

Approved as complying with the
Florida Building Code
Date 12/11/2003
NOAH 03-0530-03
Miami Dade Product Control
Division
By Helmut A. Malar

NO.	REVISION	MADE	CK'D.	DATE
1	ADDED MIN. THICKNESS	TAC	JCW	11-7-03

Jeffrey C. Walsh
11/10/03

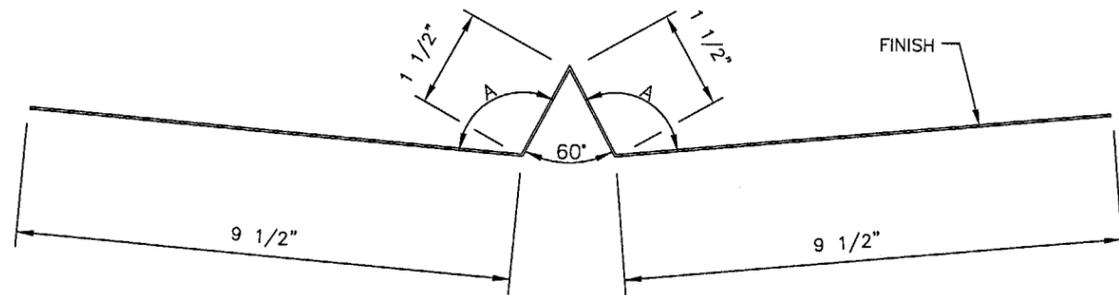
ENGINEER'S NAME: Jeffrey C. Walsh	SCALE: NOT TO SCALE	DATE 3-14-00
ENGINEER'S STATE REGISTRATION NUMBER: Florida #41467	DRAWN BY: TAC	CHECKED BY: DH
	DESIGN APP'D. BY:	ISSUED DATE: 3-14-00

MIAMI - DADE
L3P PANEL PROFILE



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

DRAWING NUMBER: L3P-PROFILE (MD) REVISION NUMBER 1



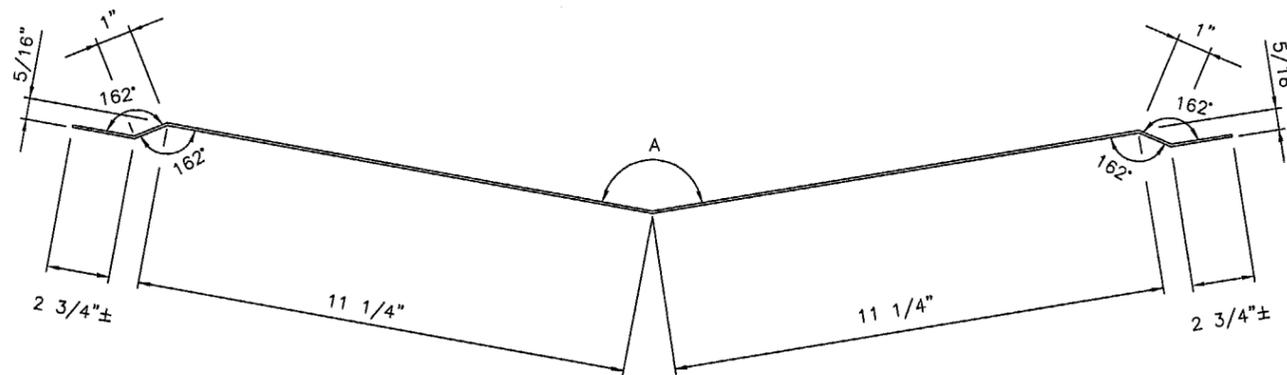
24 GA. CQ MIN.

MATERIAL:
22" X 24 GA.
ASTM A792

COATING:
P70 OR GALVALUME

MARK NUMBER	A	APPLICABLE ROOF SLOPE
TVF1	118"	> 0 - 1 1/2 TO 12
TVF2	113"	> 1 1/2 - 2 1/2 TO 12
TVF3	110"	> 2 1/2 - 3 1/2 TO 12
TVF4	107"	> 3 1/2 - 4 1/2 TO 12
TVF5	104"	> 4 1/2 - 5 1/2 TO 12
TVF6	102"	> 5 1/2 - 6 1/2 TO 12
TVF7	99"	> 6 1/2 - 7 1/2 TO 12
TVF8	97"	> 7 1/2 - 8 1/2 TO 12
TVF9	95"	> 8 1/2 - 9 1/2 TO 12
TVF10	93"	> 9 1/2 - 10 1/2 TO 12
TVF11	91"	> 10 1/2 - 11 1/2 TO 12
TVF12	90"	> 11 1/2 - 12 1/2 TO 12

VALLEY FLASHING

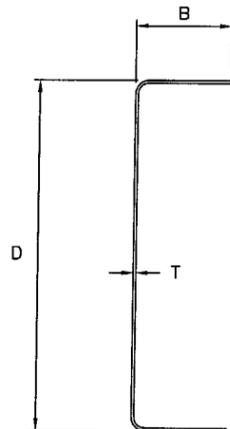


MATERIAL:
30" X 18 GA. (MIN.)
ASTM A653

COATING:
G90

MARK NUMBER	A	APPLICABLE ROOF SLOPE
TVP1-10.2	177"	> 0 - 1 1/2 TO 12
TVP2-10.2	167"	> 1 1/2 - 2 1/2 TO 12
TVP3-10.2	160"	> 2 1/2 - 3 1/2 TO 12
TVP4-10.2	154"	> 3 1/2 - 4 1/2 TO 12
TVP5-10.2	148"	> 4 1/2 - 5 1/2 TO 12
TVP6-10.2	143"	> 5 1/2 - 6 1/2 TO 12
TVP7-10.2	138"	> 6 1/2 - 7 1/2 TO 12
TVP8-10.2	134"	> 7 1/2 - 8 1/2 TO 12
TVP9-10.2	130"	> 8 1/2 - 9 1/2 TO 12
TVP10-10.2	126"	> 9 1/2 - 10 1/2 TO 12
TVP11-10.2	123"	> 10 1/2 - 11 1/2 TO 12
TVP12-10.2	120"	> 11 1/2 - 12 1/2 TO 12

VALLEY PLATE



MATERIAL:
9.2" X 16 GA.
A570 GR. 55
F_y = 55 KSI
F_u = 70 KSI
E = 29,500 KSI

COATING:
.5 MIL RED OXIDE POLYESTER
PRIMER; MEETS SPECIFICATION
SSPC 15

SECTION	DEPTH D in.	FLANGE B in.	THICKNESS T in.	WEIGHT lb./FT.	AREA (in. ²)	ALLOW BEAM STRESS (fb)ksi	I _x (in. ⁴)	S _x (in. ³)	r _x (in.)	r _y (in.)
40U4	4.25	2.5	0.073	2.28	0.65	33.0	1.93	0.60	1.73	0.81

DWG. NO. L3P-ROOF 1 SHEET NO. 6 OF 8

For Dade County Office Use Only

Approved as complying with the
Florida Building Code
Date 12/11/2003
NOA# 03-0530-03
Miami Dade Product Control
Division
By Helmy Adelle

NO.	REVISION	MADE	CK'D.	DATE
1	GENERAL REVISIONS	TAC	JCW	11-7-03

Jeffrey C. Walsh
11/10/03

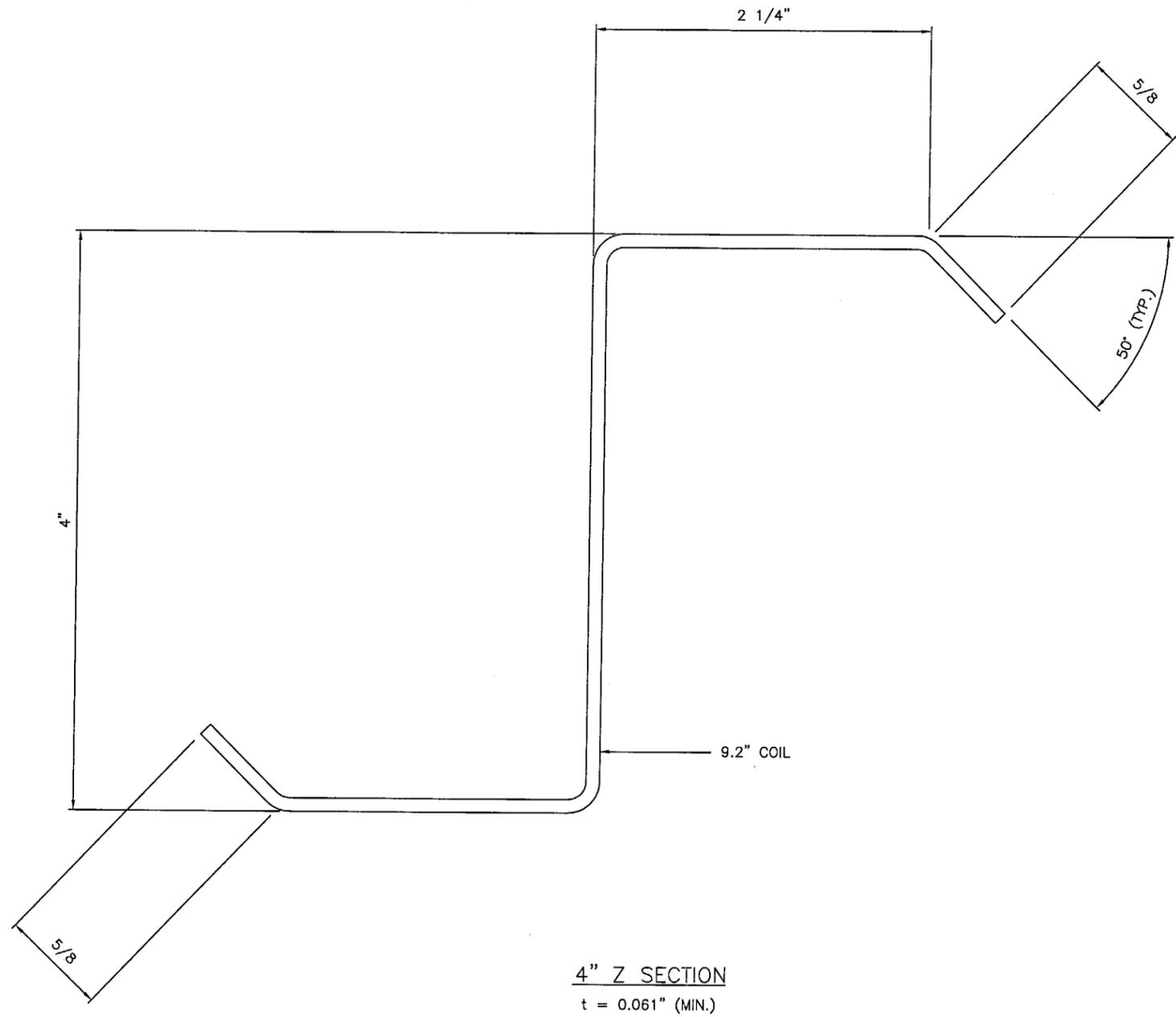
ENGINEER'S NAME: Jeffrey C. Walsh	SCALE: NOT TO SCALE	DATE 2-17-00
ENGINEER'S STATE REGISTRATION NUMBER: Florida #41467	DRAWN BY: YML	CHECKED BY: DH
	DESIGN APP'D. BY:	ISSUED DATE: 2-17-00

MIAMI - DADE
VALLEY PARTS DETAILS



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

DRAWING NUMBER: VPD-1 REVISION NUMBER: 1



DWG. NO. L3P-ROOF 1 SHEET. NO. 7 OF 8

- NOTES:
1. ALL SHAPE DIMENSIONS HAVE ± TOLERANCES.
 2. ALL RADII 1/8" U.N.

MATERIAL:
 9.2" X 16 GA., (0.061" MIN.)
 A570 GR. 55
 Fy = 55 KSI
 Fu = 70 KSI
 E = 29,500 KSI

COATING:
 .5 MIL RED OXIDE POLYESTER
 PRIMER; MEETS SPECIFICATION
 SSPC 15

For Dade County Office Use Only

Approved as complying with the
 Florida Building Code
 Date 12/11/2003
 NOAH 03-0530.03
 Miami Dade Product Control
 Division
 By Heather A. Maher

NO.	REVISION	MADE	CK'D.	DATE
1	ADDED MIN. THICKNESS	TAC	JCW	11-7-03

JCW checked
 11/10/03

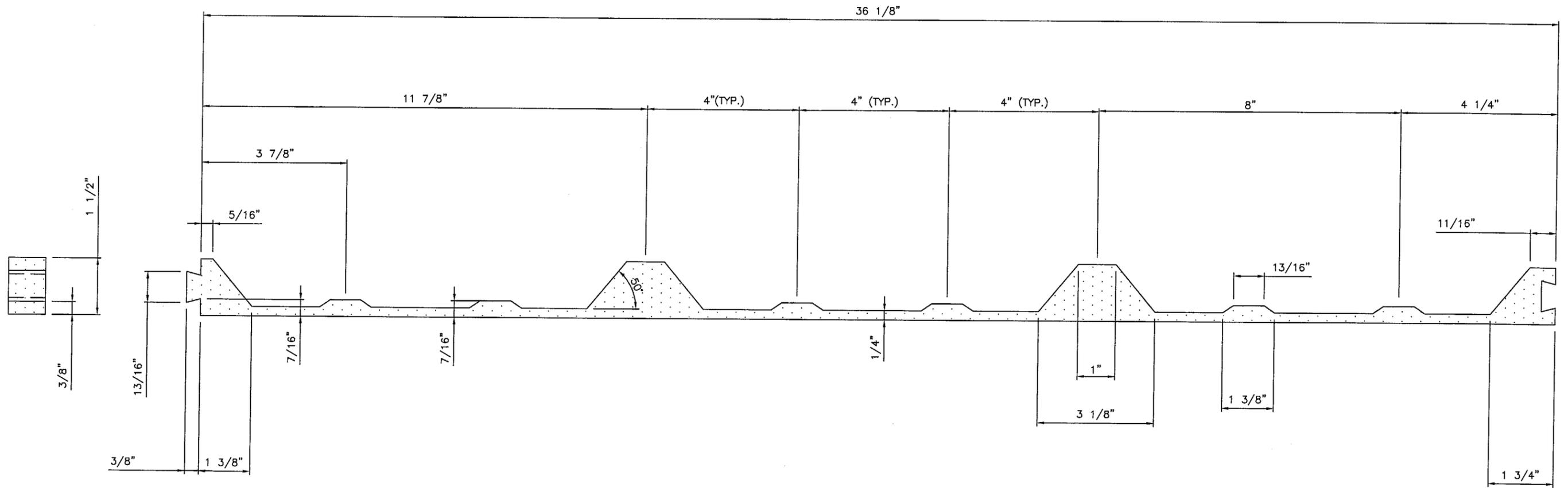
ENGINEER'S NAME: Jeffrey C. Walsh	SCALE: NOT TO SCALE	DATE 3-1-00
ENGINEER'S STATE REGISTRATION NUMBER: Florida #41467	DRAWN BY: TAC	CHECKED BY: 3-1-00
	DESIGN APP'D. BY:	ISSUED DATE: 3-1-00

4" ZEE SECTION PROFILE



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

DRAWING NUMBER: 4-ZEE	REVISION NUMBER: 1
-----------------------	--------------------



L3P INSIDE CLOSURE DIMENSIONS

NOTES:

1. ALL PANELS SIDE DIMENSIONS ARE TO MATCH PROFILE DIMENSIONS OF ARCHITECTURAL III PANEL AND LONG SPAN III PANEL.
2. ALL DIMENSIONS SHOWN ARE +/- 1/32" UNLESS NOTED.
3. MATERIAL=CLOSED CELL POLYETHYLENE FOAM (CHARCOAL COLOR).

DWG. NO. L3P-ROOF 1 SHEET NO. 8 OF 8

For Dade County Office Use Only

Approved as complying with the Florida Building Code
 Date 12/11/2003
 NOA# 03-0530.03
 Miami Dade Product Control Division
 By Helmy A. Madh

NO.	REVISION	MADE	CR'D.	DATE
1	REVISED DRAWING NUMBER	TAC	JCW	11-7-03

Jeffrey C. Walsh
 11/10/03

ENGINEER'S NAME: Jeffrey C. Walsh	SCALE: NOT TO SCALE	DATE 3-1-00
ENGINEER'S STATE REGISTRATION NUMBER: Florida #41467	DRAWN BY: TAC	CHECKED BY: 3-1-00
	DESIGN APP'D. BY:	ISSUED DATE: 3-1-00

L3P INSIDE CLOSURE DIMENSIONS

		American Buildings Company State Docks Road, P.O. Box 800 Eufaula, AL 36027-0800
DRAWING NUMBER:	AOLI	REVISION NUMBER 1