



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.miamidade.gov

NOTICE OF ACCEPTANCE (NOA)

American Buildings Company
1150 State Docks Road (P.O. Box 800)
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: 0.030" (min.) Structural Loc-Seam 360 Galvalume Steel Roof Panel

APPROVAL DOCUMENT: Drawing No. LS36022, titled "Loc Seam 360 roof Panels: 22 gauge", sheets 1 through 6 of 6, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E. on September 26, 2002, bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration 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 **renews NOA #00-0929.06** and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

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



Helmy A. Makar
 10/04/2007

NOA No. 07-0601.03
Expiration Date: 10/17/2012
Approval Date: 10/04/2007

American Buildings Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #00-0929.06

A. DRAWINGS

1. Drawing No. LS36022, titled "Loc- Seam 360 roof Panels: 22 gauge", sheets 1 through 6 of 6, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E. on September 26, 2002.

B. TESTS

1. Test report on Accelerated Weathering Testing of Coating 2000 hours per ASTM G26-96, prepared by Asphalt Technologies, dated May 1, 2000, signed and sealed by Charles L. Thomas, P.E.
2. 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.
3. Test report on Uplift Resistance Test per UL-580 Class 90, on 22 ga. Loc-Seam 360 Roof Panel, prepared by Hurricane Test Laboratory, Inc., Report No. 0207-0113-00, dated June 27, 2000, signed and sealed by Vinu J. Abraham, P.E.
4. Susceptibility to leakage test in accordance with Miami-Dade county Protocol PA 114 Appendix G on 22 ga. Loc-Seam 360 Roof Panel, prepared by Celotex, Report No. 520534-2 CAE 00013, dated March 30, 2000, signed and sealed by R. G. Miller, P.E.
5. Wind Driven Rain Test in accordance with Miami-Dade county Protocol PA 100-95 on 22 ga. Loc-Seam 360 Roof Panel, prepared by Celotex, Report No. 520534-3 CAE 00011, dated March 30, 2000, signed and sealed by R. G. Miller, P.E.

C. CALCULATIONS

1. Calculations titled "Loc-Seam 360, 22 ga. Roof Panel Calculations", dated June 17, 2000, pages 1 through 7 of 7, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E.
2. Calculations titled "Loc-Seam 360, 22 ga. Roof Panel Calculations", dated January 30, 2002, pages 1 through 3 of 3, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E.

D. MATERIAL CERTIFICATIONS

1. Mill Certified Test Report issued by U. S. Steel Group, dated 12/02/99, with chemical composition and mechanical properties of galvalume painted structural steel coils ASTM A792-96 Grade 50B.
2. Tensile Test Report No. OBM-291, prepared by QC Metallurgical, Inc., dated March 24, 2000.



Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 07-0601.03
Expiration Date: 10/17/2012
Approval Date: 10/04/2007

American Buildings Company

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

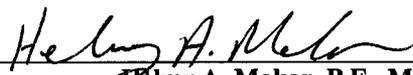
1. *Calculations titled "Loc-Seam 360, 22 ga. Roof Panel Calculations", dated September 11, 2007, 2 pages, prepared by Jeffrey C. Walsh, P.E., signed and sealed by Jeffrey C. Walsh, P.E.*

D. QUALITY ASSURANCE

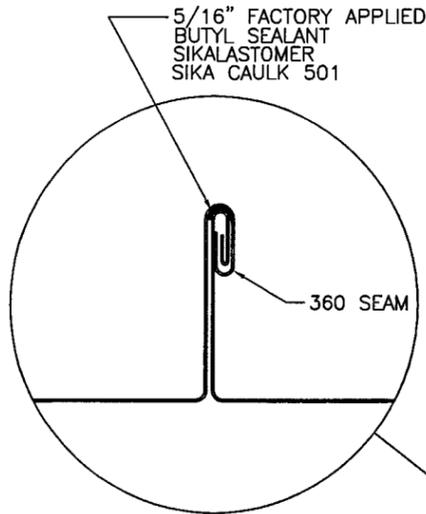
1. *By Miami Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

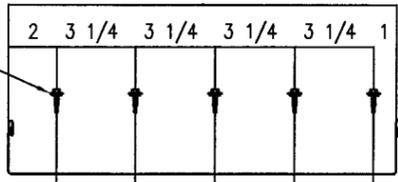
1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 07-0601.03
Expiration Date: 10/17/2012
Approval Date: 10/04/2007



(5) #14X1 SDRF ATLAS



STANDARD PANEL END SPLICE

1 1/2" X 1/8" TAPE MASTIC SIKALASTOMER TC-95 (PRE-CUT STRIP)

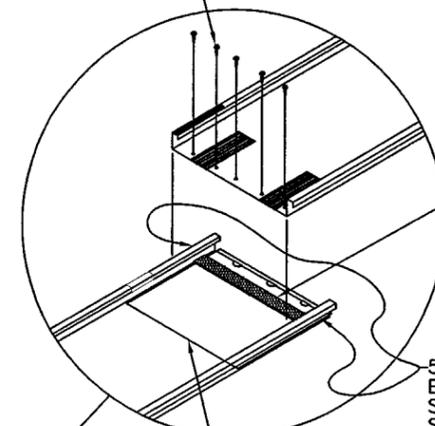
EACH PANEL END SHALL BE ATTACHED TO THE STEEL FRAME (WITH 0.060" MIN. THICKNESS) BY #14X1" SDRF ROOF FASTENER 3 1/4" O.C.



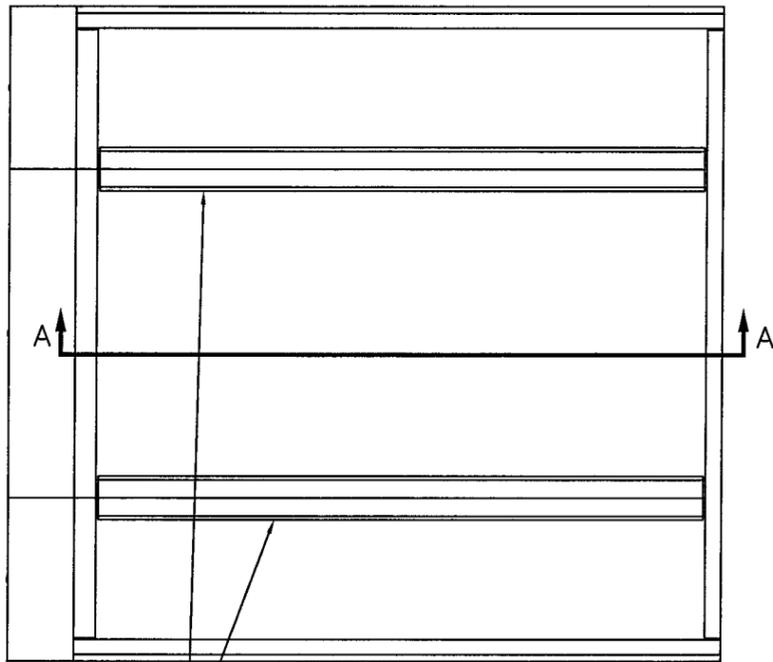
EACH PANEL AT THE EDGE OF THE ROOF SHALL BE ATTACHED TO THE STEEL FRAME (WITH 0.060" MIN. THICKNESS) BY ROOF FASTENER #14X1" SDRF LOCATED 1'-0" FROM THE ENDS AND 3'-0" O.C. ALONG THE EXTERIOR SIDE OF THE PANEL.

(5) #14X1 SDRF ATLAS

STANDARD PANEL END SPLICE LOCATED AT 12" FROM SUPPORT PURLIN



LOC-SEAM LAP STIFFENER LSLs-1 (12 1/2" X 15 1/2" X 0.060") LOCATED UNDER THE PANEL BOTTOM PANEL



LOC-SEAM PANEL CLIP LSEC-1 OR LSEC-2 W/ (2) #12X1 1/4 SDHH ATLAS LOCATED AT EACH PANEL SIDELAP AT PURLINS

LOC-SEAM PANEL

PURLIN THE PURLIN DESIGN IS NOT PART OF THIS PRODUCT CONTROL APPROVAL AND IT SHALL BE REVIEWED BY THE CORRESPONDING BUILDING DEPARTMENT FOR EACH JOB. PURLIN'S THICKNESS SHALL BE 0.060" (MIN.)

DWG. NO. LS36022 SHEET NO. 1 OF 6

For Dade County Office Use Only

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 07-0601.03 Expiration Date 10/17/2012 By Helmut A. Hahn Miami Dade Product Control Division

Approved as complying with the Florida Building Code Date 10/17/2002 NOA# 06-0929.06 Miami Dade Product Control Division By Helmut A. Hahn

NO.	REVISION	MADE	CK'D.	DATE

Jeffrey C. Walsh
9/26/02

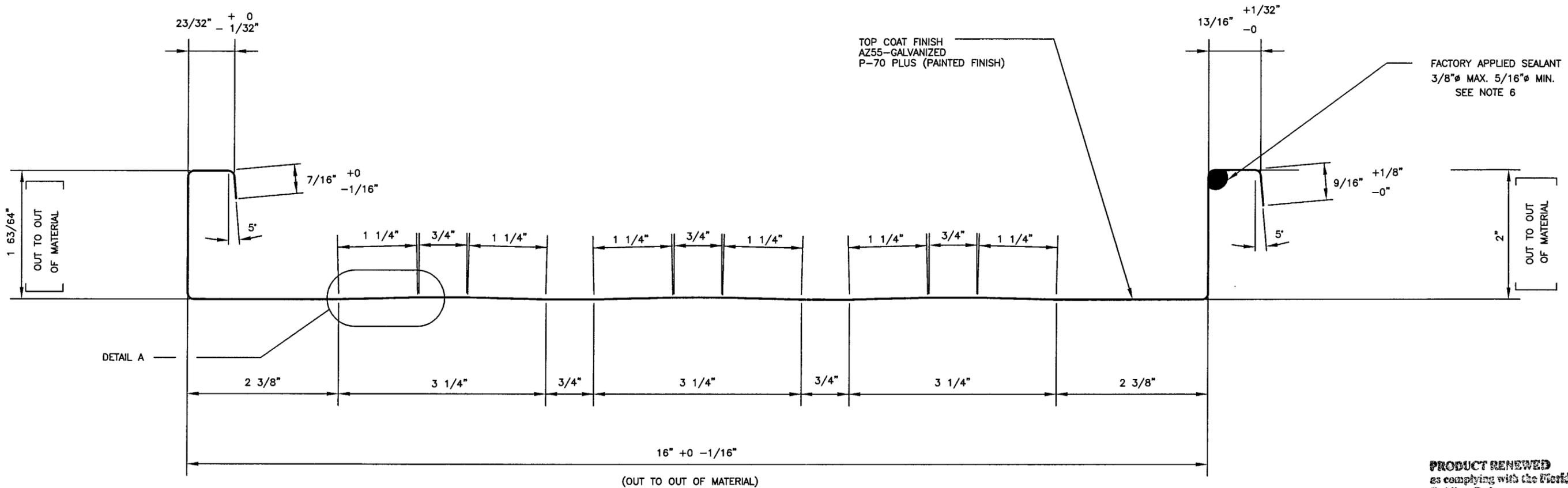
ENGINEER'S NAME: JEFFREY C. WALSH	SCALE: NOT TO SCALE	DATE: 3-14-00
ENGINEER'S STATE REGISTRATION NUMBER: # 41467	DRAWN BY: M.S.	CHECKED BY: D.H.
	DESIGN APP'D. BY:	ISSUED DATE: 3-14-00

DADE COUNTY
LOC-SEAM ROOF
PANEL TEST SETUP



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

DRAWING NUMBER: DCTS-3C REVISION NUMBER: 0



TOP COAT FINISH
AZ55-GALVANIZED
P-70 PLUS (PAINTED FINISH)

FACTORY APPLIED SEALANT
3/8"Ø MAX. 5/16"Ø MIN.
SEE NOTE 6

DETAIL A

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0601.03
Expiration Date 10/17/2012
By Helmut A. Melzer
Miami Dade Product Control
Division

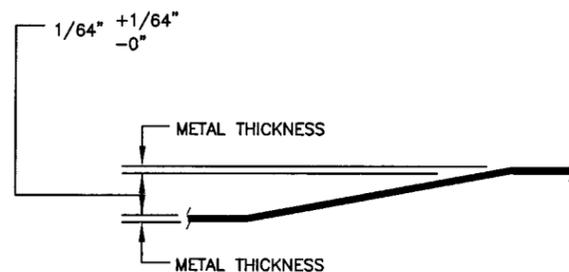
DWG. NO. LS36022 SHEET NO. 2 OF 6

GENERAL NOTES

1. ALL DIMENSIONS ARE ±1/16" (U.N.) EXCEPT TOLERANCE DIMENSIONS.
2. ALL RADII = 3/32" (+1/32", -0")
3. COIL WIDTH = 22" FOR 16" PANEL
TOLERANCE = +1/8", -0"
4. PANEL LENGTHS = SEE MFG. SECTION OF MASTER PARTS LISTING.
5. PANEL MATERIAL SHALL BE 0.030" (MIN.) GALVALUME STEEL
PER ASTM A792 GR50 WITH MINIMUM YIELD 50 KSI
AND COATED WITH AZ55.
6. MASTIC SHALL BEGIN AND END A MAXIMUM DISTANCE OF
2" FROM BOTH PANEL ENDS, EXCEPT ON SWAGED PANEL END
WHICH WILL BEGIN 2" MAXIMUM FROM THE SWAGE.

For Dade County Office Use Only

Approved as complying with the
Florida Building Code
Date 10/17/2002
NOA# 06-0929.06
Miami Dade Product Control
Division
By Helmut A. Melzer



DETAIL A
(TYPICAL)

LOC SEAM 360 ROOF PANELS: 22 GAUGE

THE MAXIMUM PANEL SPAN AND THE MAXIMUM ALLOWABLE DESIGN UP-LIFT
(NEGATIVE) PRESSURE OF THIS ROOF PANEL SHALL BE BASED ON THE
FOLLOWING PANEL'S ALLOWABLES:

- * MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL
AT SUPPORTS = 80.8 ft-lbs.
- * MAXIMUM ALLOWABLE BENDING MOMENT OF PANEL
BETWEEN SUPPORTS = 62.9 ft-lbs.
- * MAXIMUM ALLOWABLE PANEL REACTION AT SUPPORT = 204.8 lbs.
- * MAXIMUM ALLOWABLE DEFLECTION OF PANEL = $\frac{L}{240}$
- * PANEL'S EI VALUE = 846,072 lbs.-in²

NOTES

- * THIS ROOF PANEL IS APPROVED FOR UP-LIFT (NEGATIVE) PRESSURE ONLY.
- * THIS ROOF PANEL IS APPROVED FOR SPANS OF UP TO 5'-0" MAXIMUM.

Jeff Walsh
9/26/02

NO.	REVISION	MADE	CK'D.	DATE

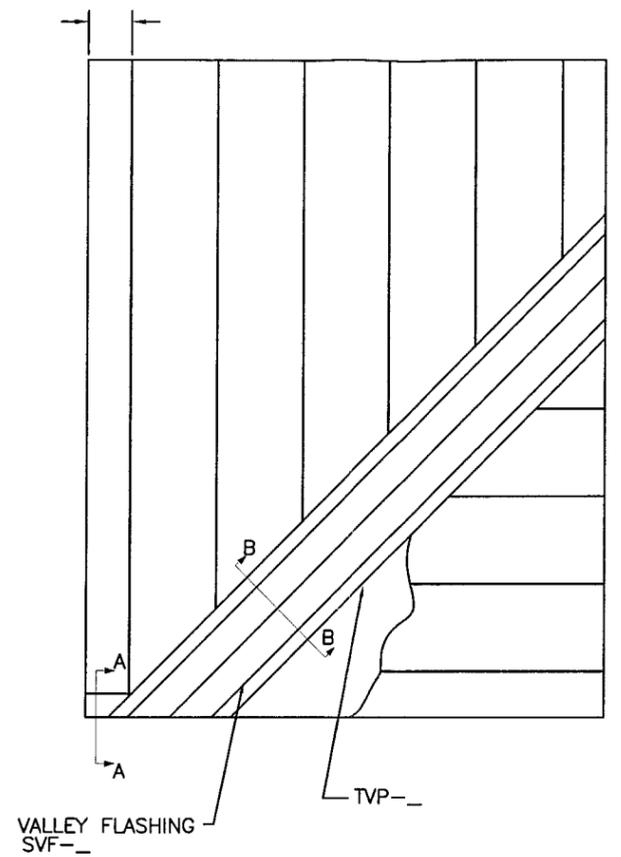
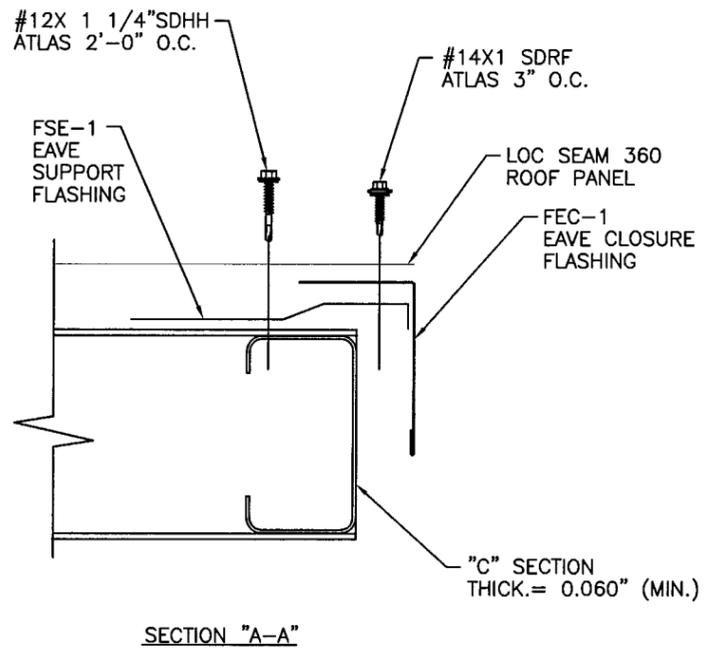
ENGINEER'S NAME: JEFFREY C. WALSH	SCALE: NOT TO SCALE	DATE 3-1-01
ENGINEER'S STATE REGISTRATION NUMBER: 41467	DRAWN BY: MCS	CHECKED BY: PC
	DESIGN APP'D. BY:	ISSUED DATE: 3-1-01

LOC SEAM PANEL
CROSS SECTION
LC622-LENGTH



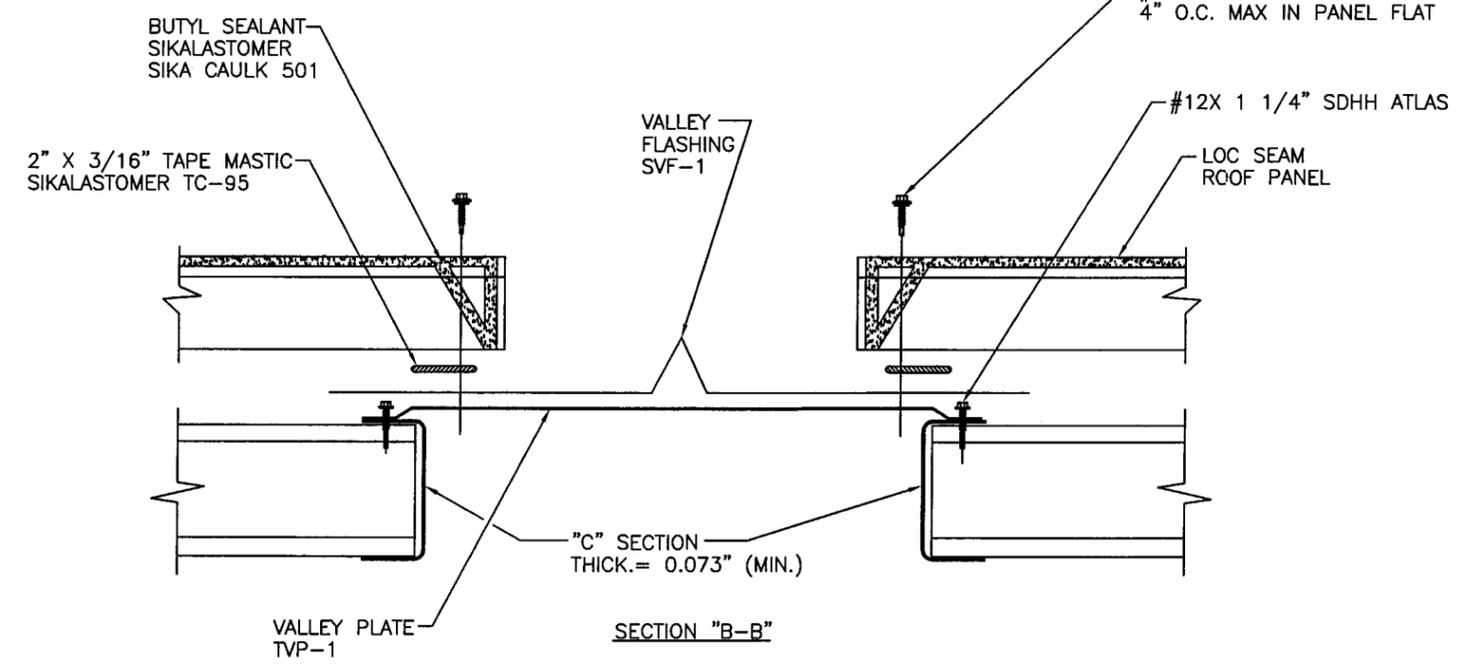
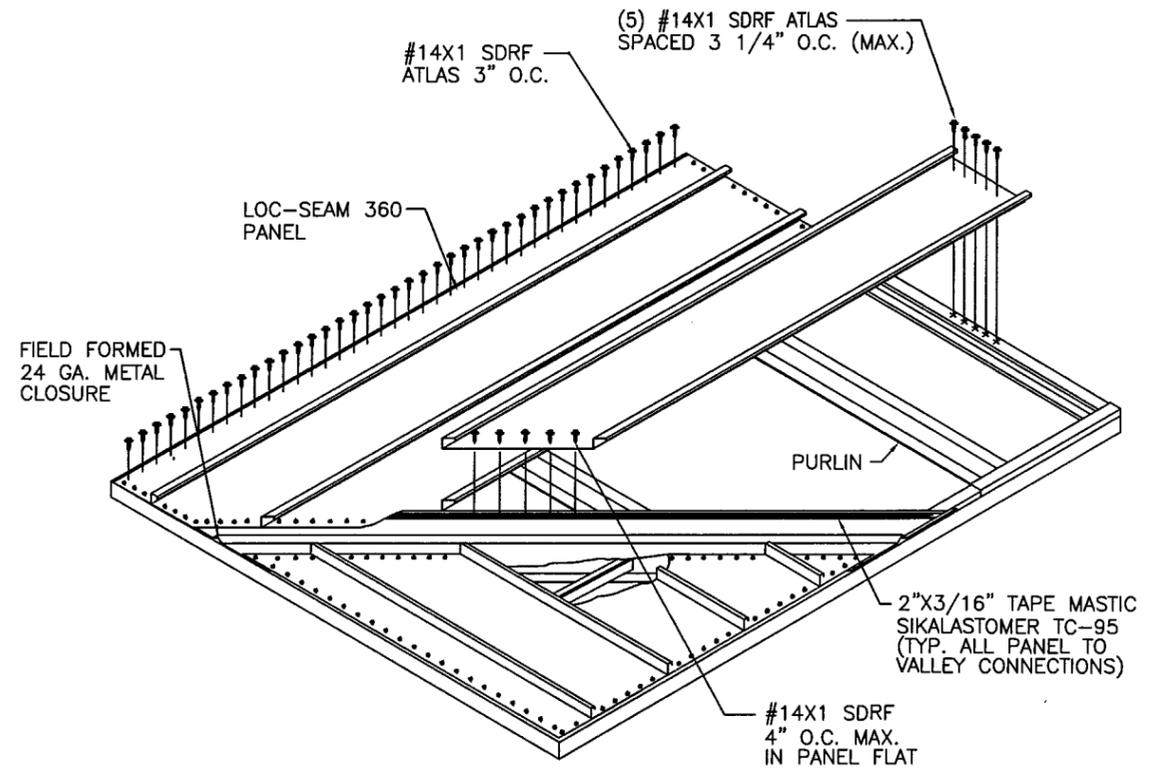
American Buildings Company
State Docks Road, P.O. Box 800
Eufaula, AL 36027-0800

DRAWING NUMBER: LOC	REVISION NUMBER: 0
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PRODUCT	MANUFACTURER
#12X1 1/4 SDHH	ATLAS BOLT & SCREW
#14X1 SDRF	ATLAS BOLT & SCREW
BUTYL SEALANT	SIKA CORP.
2"X3/16" TAPE MASTIC	SIKA CORP.

MINOR RIBS OMITTED FOR CLARITY



DWG. NO. LS36022 SHEET NO. 4 OF 6

For Dade County Office Use Only

PRODUCT RENEWED
 as complying with the Florida Building Code
 Acceptance No 07-0601.03
 Expiration Date 10/17/2012
 By *Helmy A. Mela*
 Miami Dade Product Control Division

Approved as complying with the Florida Building Code
 Date 10/17/2002
 NOA# 06-0929.06
 Miami Dade Product Control Division
 By *Helmy A. Mela*

NO.	REVISION	MADE	CK'D.	DATE

JCW c/wald
 9/26/02

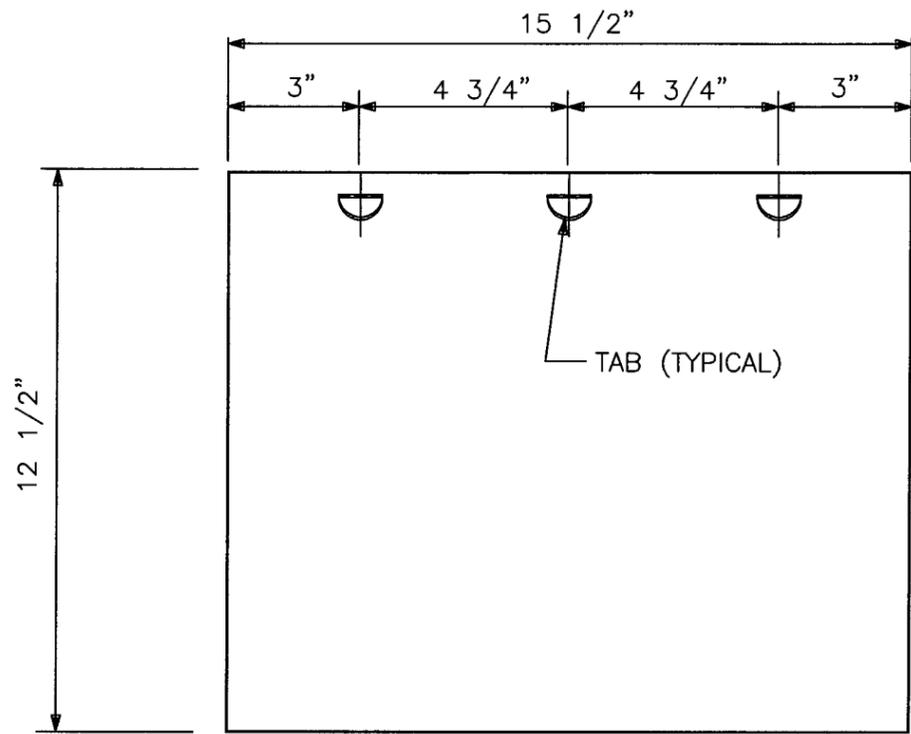
ENGINEER'S NAME: JEFFREY C. WALSH	SCALE: NOT TO SCALE	DATE 2-17-00
ENGINEER'S STATE REGISTRATION NUMBER: # 41467	DRAWN BY: YML	CHECKED BY: DH
	DESIGN APP'D. BY:	ISSUED DATE: 2-17-00

DADE COUNTY
 LOC-SEAM 360 ROOF PANEL
 W/ VALLEY TEST SETUP
 PA-100

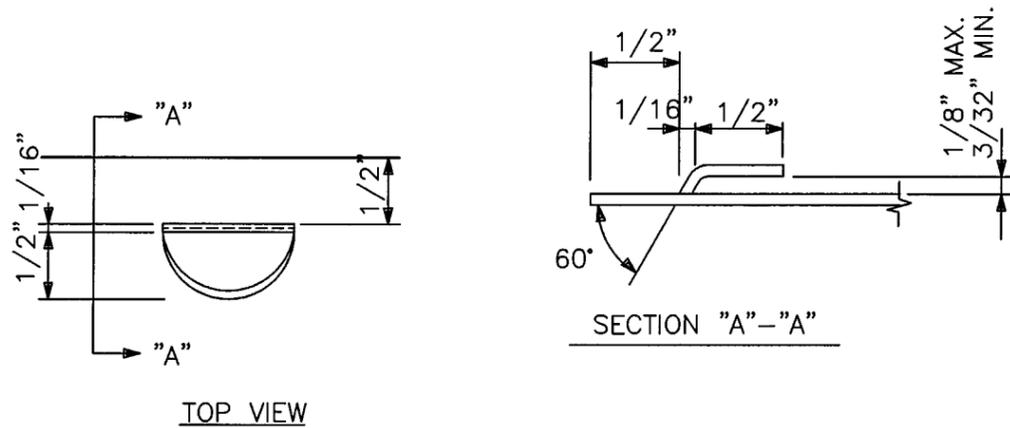


American Buildings Company
 State Docks Road, P.O. Box 800
 Eufaula, AL 36027-0800

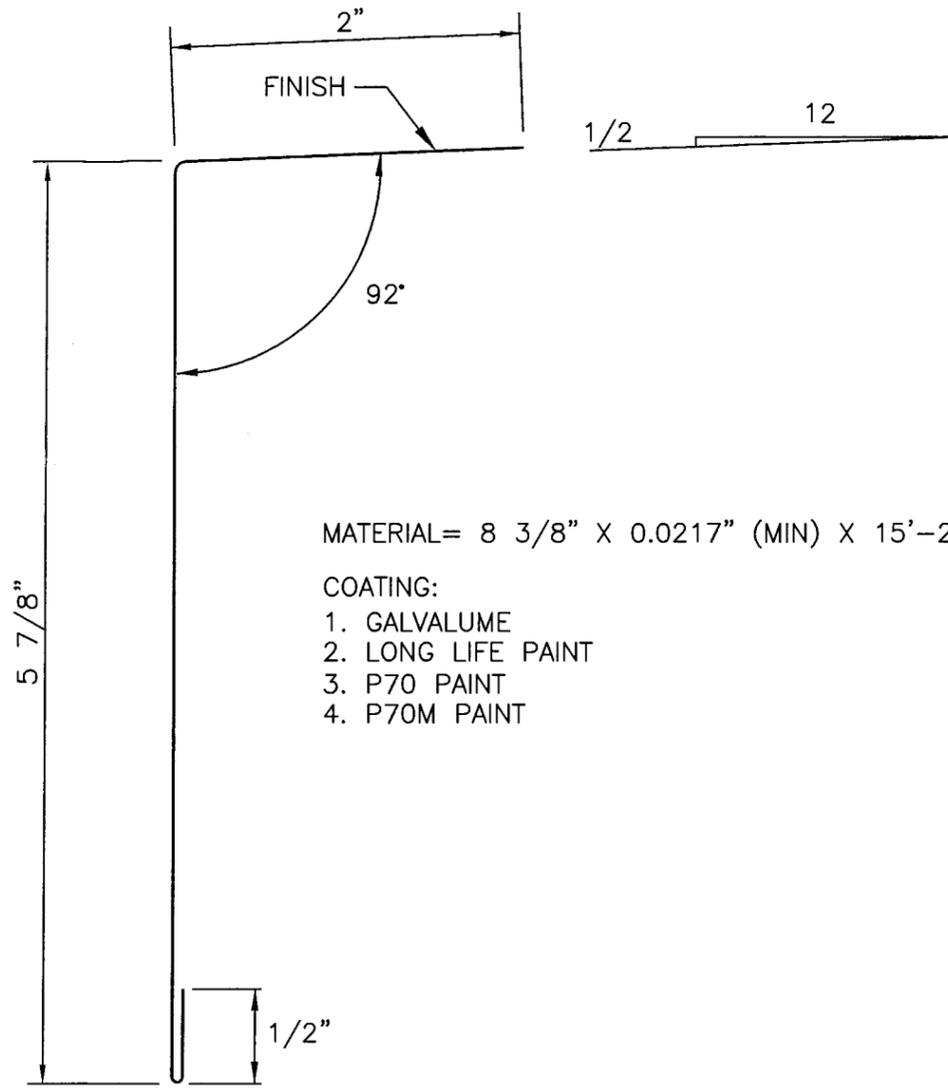
DRAWING NUMBER: DCTS-4C	REVISION NUMBER: 0
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STOCK = 12 1/2" X 0.060" X 15 1/2"
 FINISH = PREPAINTED WITH RED OXIDE POLYESTER PAINT
 STEEL SPEC. = ASTM A570-88, GRADE 55



TAB DETAILS



MATERIAL = 8 3/8" X 0.0217" (MIN) X 15'-2" (50 KSI MIN)
 COATING:
 1. GALVALUME
 2. LONG LIFE PAINT
 3. P70 PAINT
 4. P70M PAINT

EAVE CLOSURE FLASHING
 FEC-1

DWG. NO. LS36022 SHEET NO. 5 OF 6

For Dade County Office Use Only

PRODUCT RENEWED
 as complying with the Florida
 Building Code
 Acceptance No 07-0601.03
 Expiration Date 10/17/2012
 By *Helmy A. Maher*
 Miami Dade Product Control
 Division

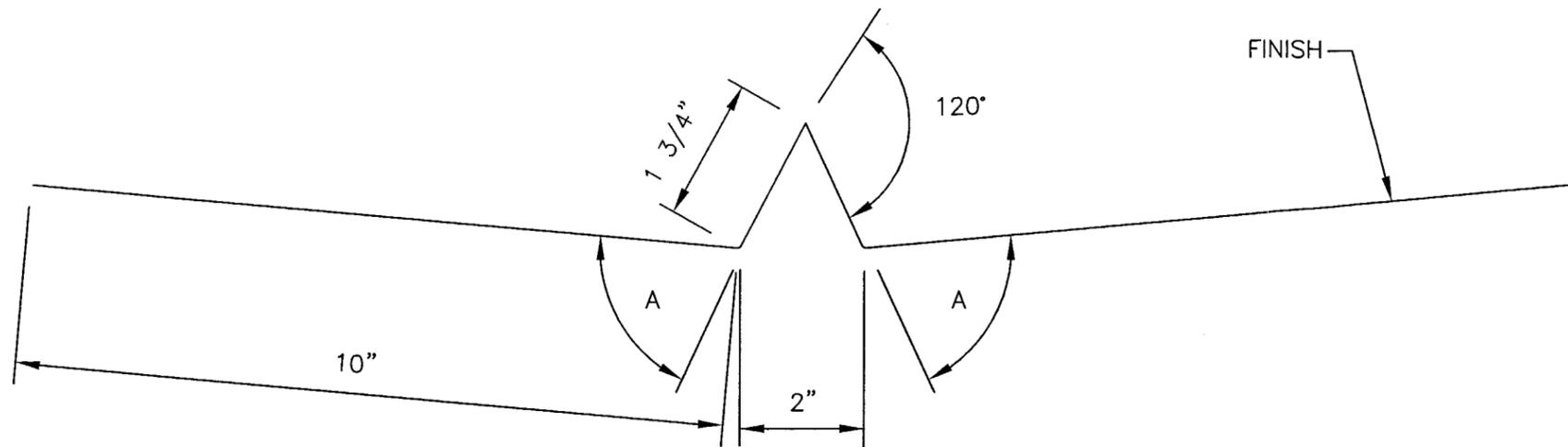
Approved as complying with the
 Florida Building Code
 Date 10/17/2002
 NOA# 06-0929.06
 Miami Dade Product Control
 Division
 By *Helmy A. Maher*

1ea chahl
9/26/02

NO.	REVISION	MADE	CK'D.	DATE

ENGINEER'S NAME: JEFFREY C. WALSH	SCALE: NOT TO SCALE	DATE: 3-2-00	LOC SEAM LAP STIFFENER & EAVE CLOSURE FLASHING	 American Buildings Company State Docks Road, P.O. Box 800 Eufaula, AL 36027-0800
ENGINEER'S STATE REGISTRATION NUMBER: #41467	DRAWN BY: T.A.C.	3-2-00		
	CHECKED BY:	3-2-00		
	DESIGN APP'D. BY:	3-2-00		
	ISSUED DATE:	3-2-00	DRAWING NUMBER: MP-1	REVISION NUMBER: 0

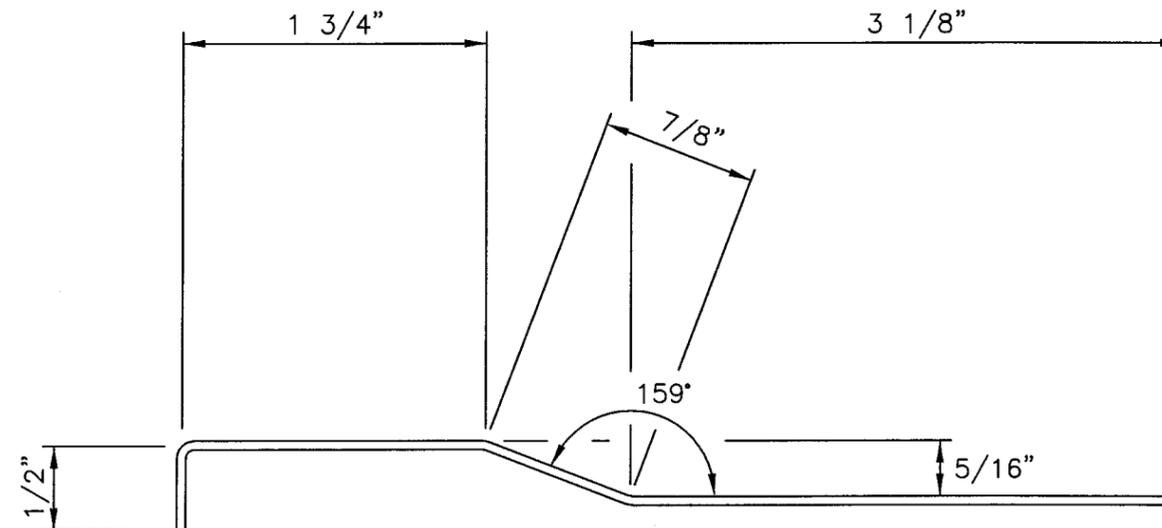
2



MATERIAL:
23 1/2" STOCK X 0.0217" (MIN.)

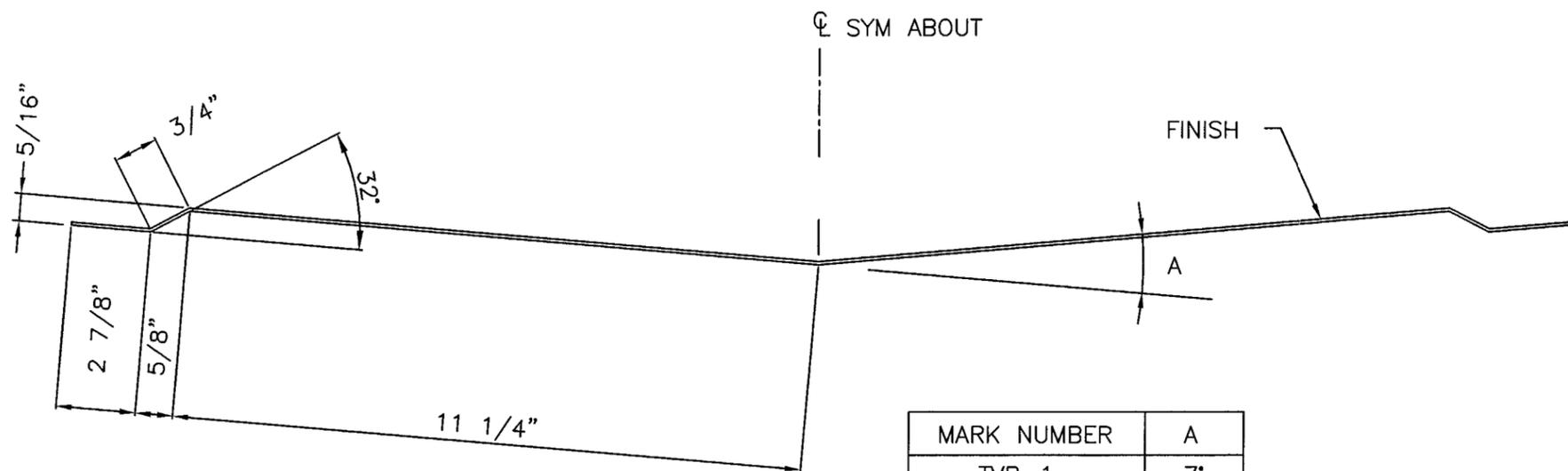
MARK NO	A
SVF-1	63°

VALLEY FLASHING
SVF-1



MATERIAL= 6 1/4" X 0.0516" X 15'-2" (CQ min.)
COLOR= ALCT

FLASHING EAVE SUPPORT
FSE-1



MATERIAL:
30" STOCK X 0.0516" (MIN.)

MARK NUMBER	A
TVP-1	7°

VALLEY PLATE
TVP-1

DWG. NO. LS36022 SHEET NO. 6 OF 6

For Dade County Office Use Only

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 07-0601.03
Expiration Date 10/17/2012
By Helmy A. Mahr
Miami Dade Product Control
Division

Approved as complying with the
Florida Building Code
Date 10/17/2002
NOA# 06-0929.06
Miami Dade Product Control
Division
By Helmy A. Mahr

NO.	REVISION	MADE	CHK'D.	DATE

Jeff Walsh
9/26/02

ENGINEER'S NAME:
JEFFREY C. WALSH
ENGINEER'S STATE REGISTRATION NUMBER:
41467

SCALE: NOT TO SCALE
DRAWN BY: T.A.C. 3-2-00
CHECKED BY: 3-2-00
DESIGN APP'D. BY:
ISSUED DATE: 3-2-00

VALLEY FLASHING, VALLEY PLATE,
AND
FLASHING EAVE SUPPORT



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

DRAWING NUMBER: MP-2

REVISION NUMBER
0