



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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

**Alcoa Home Exteriors
2600 Campbell Road
Sidney OH 45365**

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Alcoa Aluminum V-Groove Soffit

APPROVAL DOCUMENT: Drawing No. **SK-50-1B, D-300182 & E-300452**, titled "Installation Design, 12" V-Groove/Ventilated Soffit and Soffit - 12" wide - Slip Lock ", dated 03/08/99, 12/04/92 and 09/13/04 respectively, with last revision on 04/18/08, prepared by Alcoa Building Products, signed and sealed by Allan N. Reeve, P.E., bearing the Miami-Dade County Product Control Revision stamp with the NOA number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None

LABELING: Each component shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved or MDPCA", 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 revises NOA # **06-1101.06**, and consists of this page 1, evidence page E-1, as well as the approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Signature
5/10/08

NOA No: 07-1026.01
Expiration Date: November 16, 2011
Approval Date: June 5, 2008
Page 1

NOTICE OF ACCEPTANCE - EVIDENCE PAGE

A. DRAWING

1. Drawing No. **SK-50-1B, D-300182 & E-300452**, titled "Installation Design, 12" V-Groove/Ventilated Soffit and Soffit - 12" wide - Slip Lock ", dated 03/08/99, 12/04/92 and 09/13/04 respectively, with last revision on 04/18/08, prepared by Alcoa Building Products, signed and sealed by Allan N. Reeve, P.E.

B. TEST

1. Test report on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of the Aluminum Soffits, prepared by Architectural Testing, Inc., Test Reports No. **75856.01-109-18, 75861.01-109-18** and **75862.01-109-18**, (all Revision 1), dated 10/05/07, signed and sealed by Michael D. Stremmel, P.E.

C. CALCULATIONS

1. Installation Analysis of Aluminum Soffits, prepared by H.R. Engineering, Inc., dated 03/27/08, sheets 1 through 4, signed and sealed by Allan N. Reeves, P.E.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

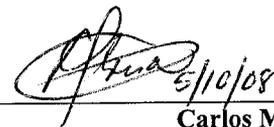
1. None.

F. STATEMENTS

1. Code compliance statement issued by H.R. Engineering, dated 03/27/08, signed and sealed by Allan N. Reeves, P.E.
2. No financial interest letter issued by H. R. Engineering, dated 04/29/08, signed and sealed by Allan N. Reeves, P.E.
3. Code compliance statements issued by Architectural Testing, dated 10/05/07, signed and sealed by Michael D. Stremmel, P.E.

G. OTHER

1. Notice of Acceptance No. **06-1101.06**, issued to Alcoa Building Products, approved on 01/11/07 and expiring on 11/16/07.



Carlos M. Utrera, P.E.

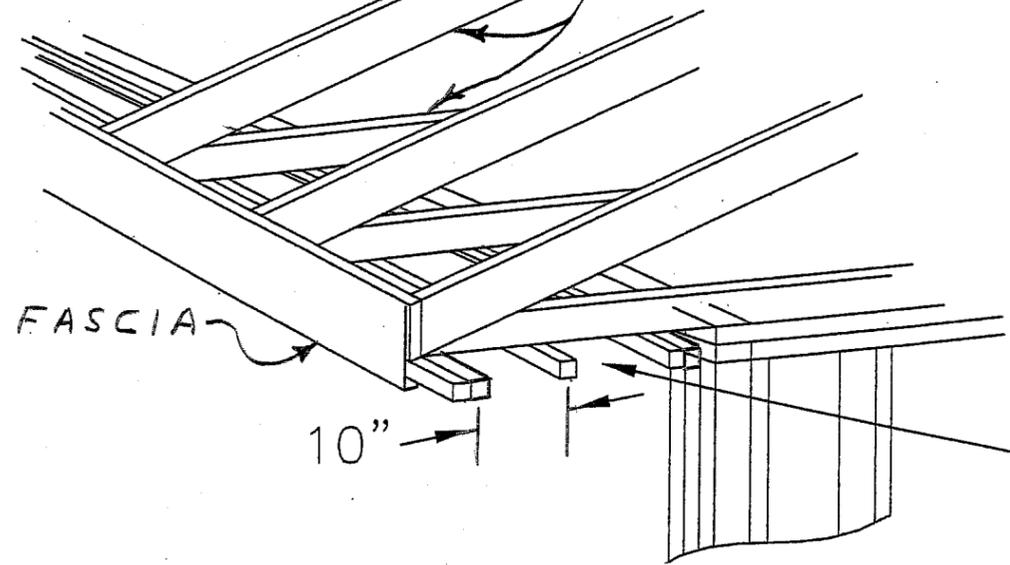
Product Control Examiner

NOA No: 07-1026.01

Expiration Date: November 16, 2011

Approval Date: June 5, 2008

WOOD ROOF FRAMING
MAXIMUM SPACING 24"



NAILING PATTERN A 10" ALONG INTERLOCK X 12" ALONG WIDTH
B SINGLE ROW IN EACH GROOVE ALONG CENTER BATTEN

NAILS A JOINT AREA .12" DIA. SHANK 3/8 DIA. HD. 1-1/2" LONG
B GROOVE AREA .10" DIA. SHANK 3/16 DIA. HD. 2" LONG

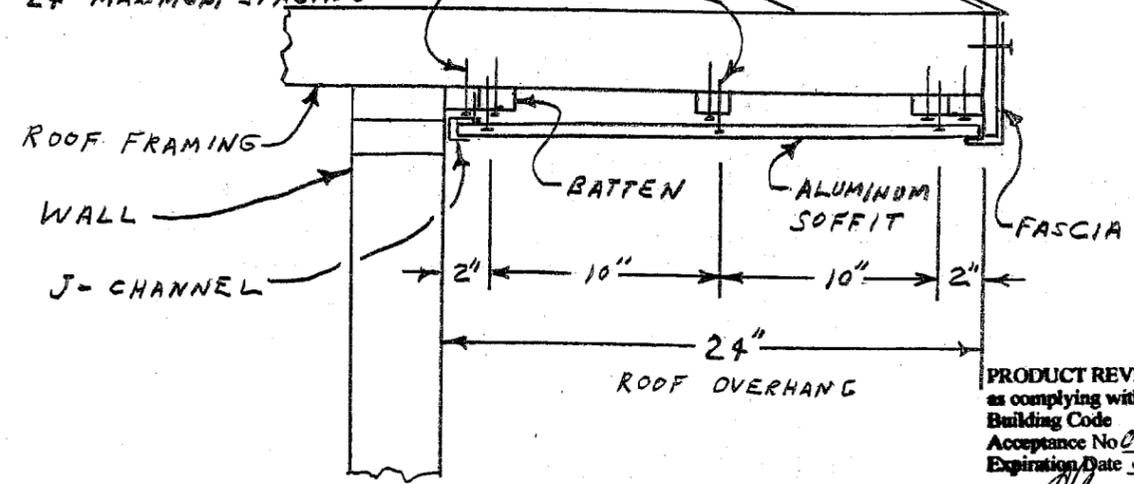
BATTEN 1" X 2" P.T. SOUTHERN PINE CONST. GRADE 3

2

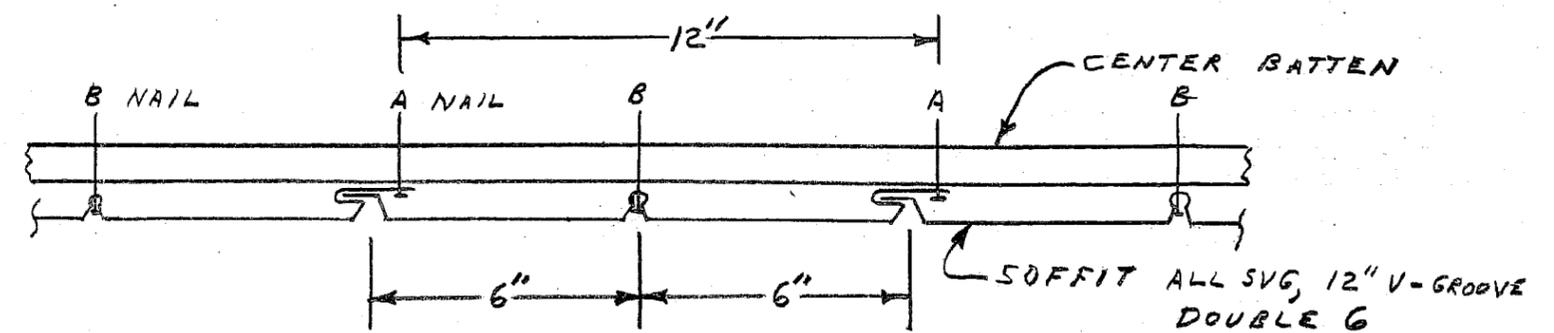
MINIMUM 1" X 2" CONSTRUCTION GRADE
MIXED SOUTHERN PINE OR EQUIV.
WOOD BATTEN STRIPS, 5 TOTAL

A NAILS, 3 @ 10" EACH INTERLOCK
(JOINT AREA); B NAIL, 1 AT EACH
GROOVE INTO CENTER BATTEN ONLY

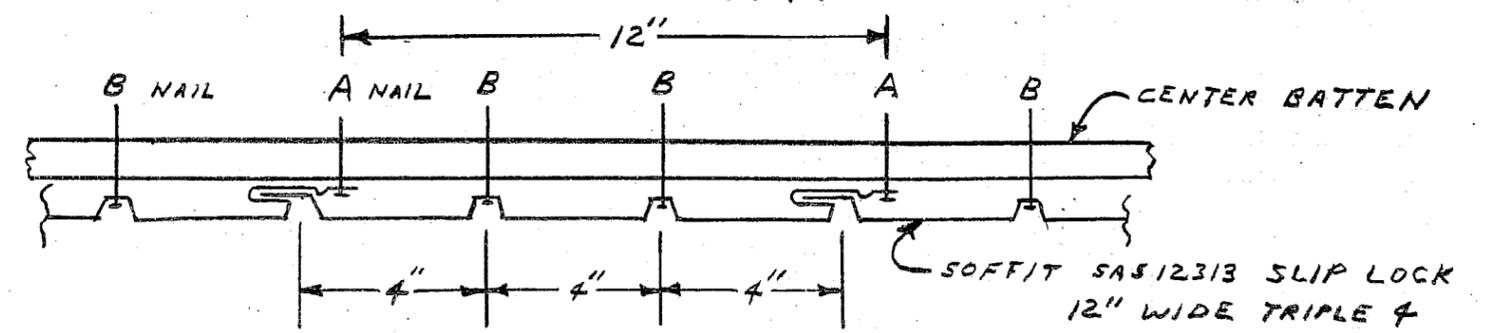
#8 X 2" WOOD SCREW,
BATTEN TO ROOF FRAMING,
24" MAXIMUM SPACING



EAVE CROSS SECTION



ALL NAILS TO BE CORROSION RESISTANT



EAVE LONGITUDINAL SECTIONS

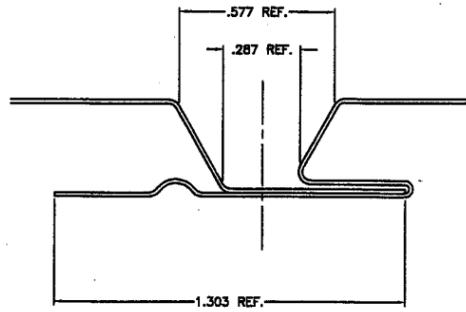
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 07-1026.01
Expiration Date: 1/16/2011
By *[Signature]*
Miami Dade Product Control
Division

Allen N. Reeves
29 APRIL 2008

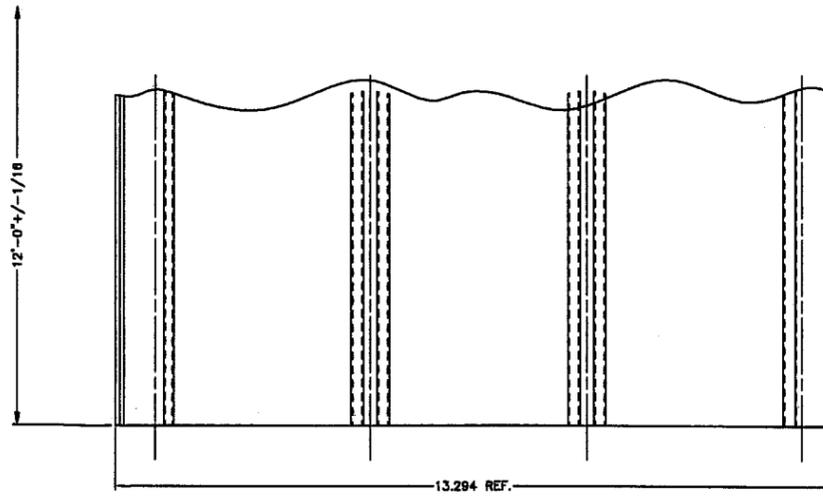
Property of:
Alcoa Building Products

No.	Revisions	Date
3	GROOVE NAIL WAS 1-1/4" LG	2/08
2	BATTEN WAS 2" X 2"	2/08
1	FILE NAME: SK50-1B	3/99

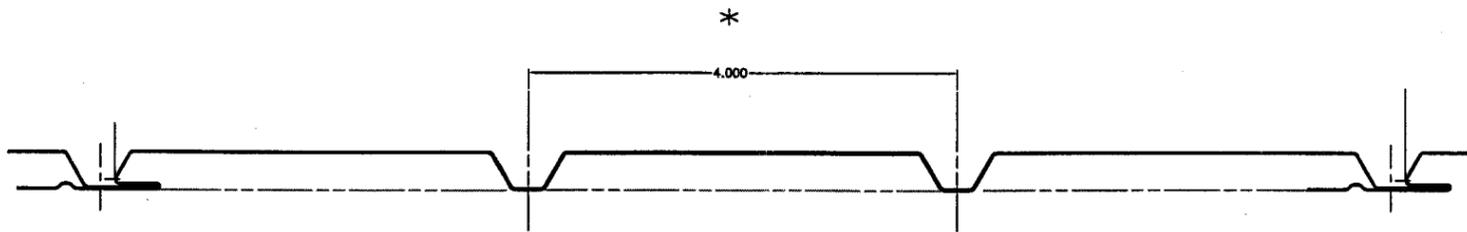
PART: INSTALLATION DESIGN
DRAWING FOR ALUM. SOFFIT
DRAWN BY: GAG DATE: 3/8/99
SCALE: 1" = 1"
SK-50-1B



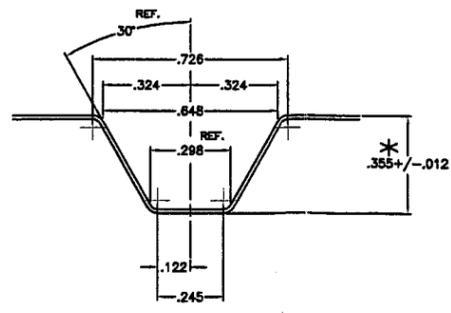
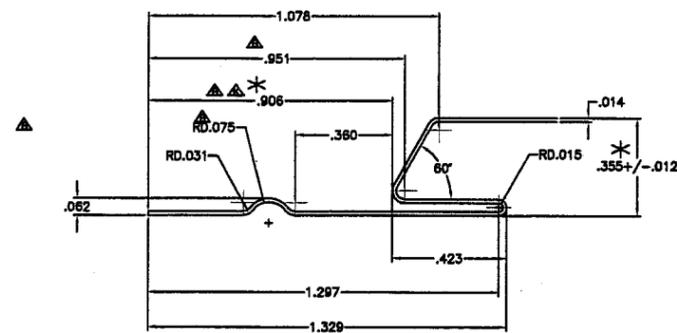
5X SCALE



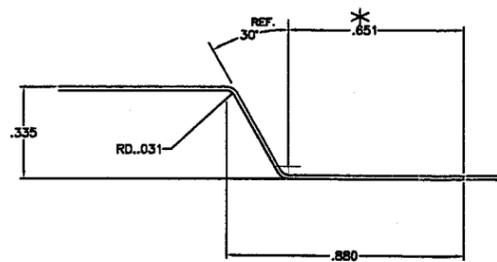
FULL SCALE



(2) X SCALE



5X SCALE



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 07-1076-01
 Expiration Date 11/16/2011
 By *[Signature]*
 Miami Dade Product Control
 Division

NOTES

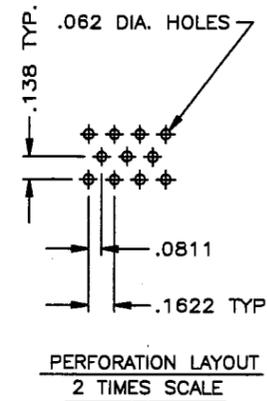
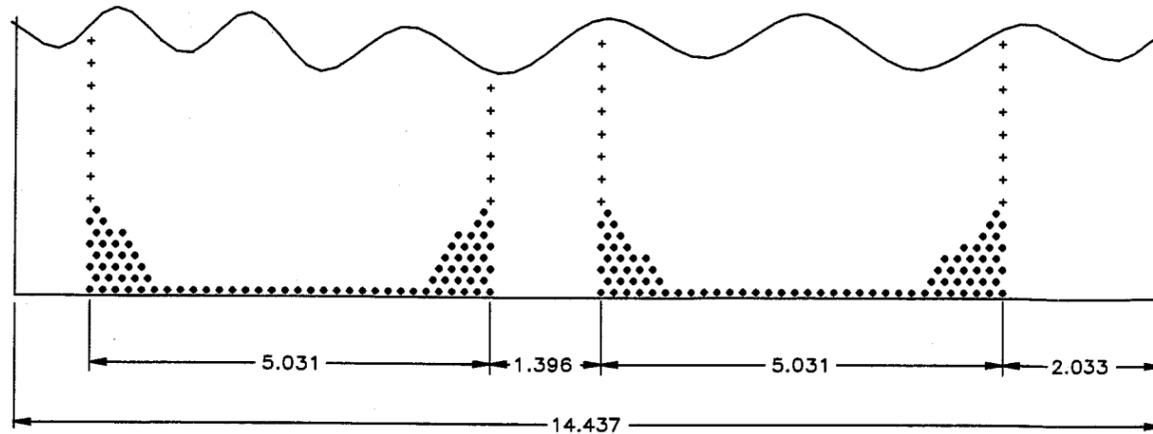
- 1.) MATERIAL - ALCOA ALUMINUM ALLOY
 - a. .0140 Ga. 3105H28P
 - b. .0185 Ga. 3105H28P
 - c. .0215 Ga. 3105H28P
 - d. .0105 Ga. 3105H28P
- 2.) DEVELOPED WIDTH 15.000"
- 3.) LATEST ALCOA SIDING PAINT SPECS TO APPLY
- 4.) STANDARD TOLERANCES - DIMENSION +/- .015
 ANGLE +/- 1' - RADIUS +/- .005 UNLESS OTHERWISE SPECIFIED
- 5.) OIL CANNING, BUCKLING, RIPPLES, AND CHATTER CHARACTERISTICS
 SHALL BE EVALUATED BY PANEL OF ABP MANAGEMENT USING
 AN ABP EVALUATION FORM (REF. OIL CAN EVALUATION No. 001)
- 6.) TOOLING MUST BE IN CONTROL AND CAPABLE TO
 MANUFACTURE THE PART WITHIN ESTABLISHED
 SPECIFICATION AND TOLERANCE

- 7.) KEY CHARACTERISTICS ARE NOTED BY (*) ASTERIK
 DIMENSIONS TO BE HELD IN CONTROL AND CAPABLE
 TO A Cpk OF 1.33 OR GREATER
- 8.) ALL INSIDE RADII TO BE .031 UNLESS OTHERWISE NOTED
- 9.) DESIGN PRESSURE +70.0 or -61.3 PSF
- 10.) PRODUCT CODE SAS12313

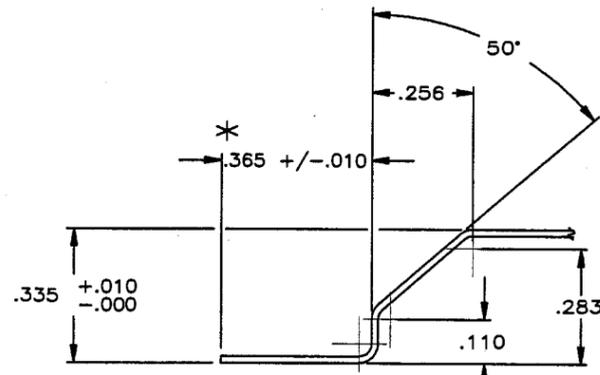
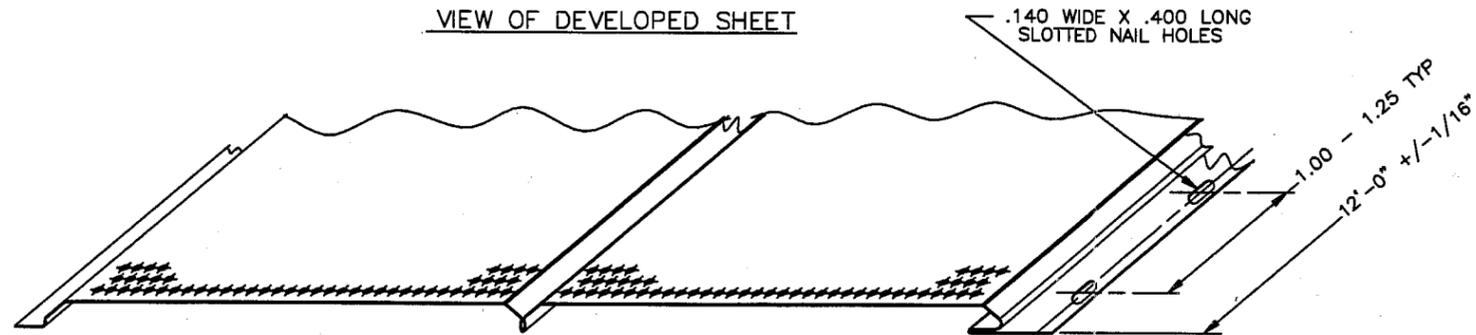
Allen N. Remon
 29 APRIL 2008

S	ADDED NOTE # 10	4/18/08	FU	
R	WAS +CR- 72 PSF	4/18/08	FU	
Q	REMOVED PART OF TILE BLOCK	3/24/08	FU	
P	ADDED NOTE # 8	2/28/08	FU	
O	WORN WAS TRD	2/28/08	FU	
N	ADDED .0100 GA	2/28/08	FU	
M	TRAMPER WAS GRD1	2/28/08	FU	
L	REMOVED HEAD FLANG SIDE	07/12/10	JC	
K	REMOVED (P) ON THE 2ND HOLE	07/11/04	JC	
J	REMOVED HOLE HOLES	07/08/04	JC	
H	356+/- .012 WAS 308, 308 WAS 377	07/08/04	JC	
F	CHGDL INCL. SPEC. TO 3105H21	07/04/07	JC	
E	CHGDL DEVELOPED WITH 14.881	07/03/12	JC	
D	REMOVED LAYOUT TO 422 THSL	07/01/03	JC	
C	ADDED HOLE HOLES AND INCL ALICE	06/12/10	JC	
B	REMOVED AND CHGDL INCL ALICE	06/12/08	JC	
A	RELEASED - WAS E-PROLONK	06/03/07	JC	

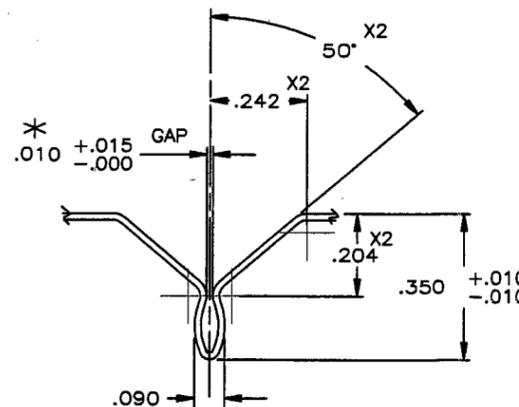
ALCOA BUILDING PRODUCTS			
ALCOA	ALUMINUM	ENGINEERING	DEPT.
DESIGN	NO.	DATE	BY
07-1076-01			
15" WIDE - RIB LOCK			
S. PANEZIS			
DATE	BY	DATE	BY
E-300452			



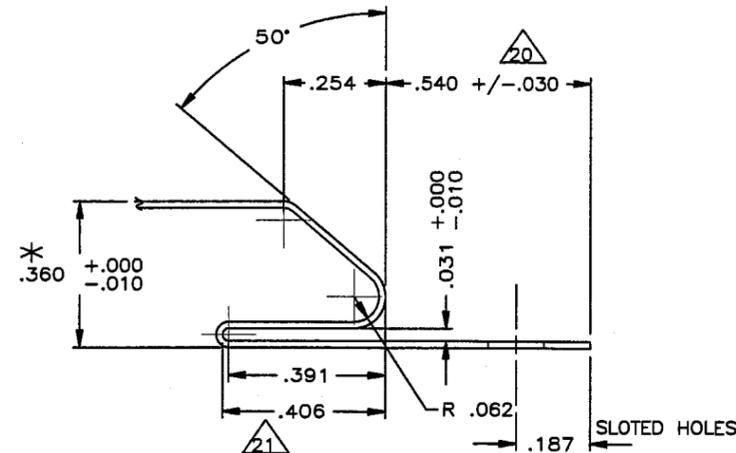
VIEW OF DEVELOPED SHEET



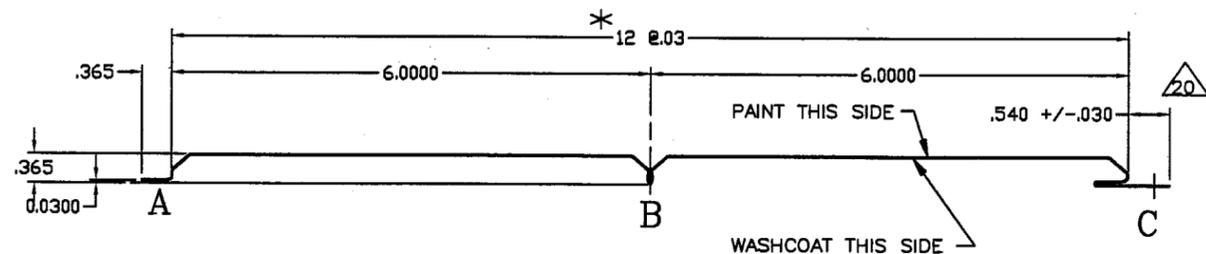
VIEW (A) - 5X SCALE



VIEW (B) - 5X SCALE



VIEW (C) - 5X SCALE



SUPERSEDES C1201BP (REV. 17)

- 21 NOTES..
1. MATERIAL ALUMINUM ALLOY 3105-H18
 2. GAUGE .014 (SVGN420144, SVGV420144)
.019 (SVG12N20, SVG12N20T, SVG12V20, SVG12V20T)
 3. DEVELOPED WIDTH 14.437 +/- .016
 4. LATEST ALCOA PAINT SPECS TO APPLY ALUMALURE 2000
 5. STANDARD TOLERANCES
DIMENSION +/- .015, ANGLE +/- 1°, RADIUS +/- .005
UNLESS OTHERWISE SPECIFIED.
 - *6. TRANSVERSE BOW DOWN - MAX .031.
 7. OIL CANNING, BUCKLING, RIPPLES, AND CHATTER CHARACTERISTICS
SHALL BE EVALUATED BY A PANEL OF ABP MANAGEMENT
USING AN ABP EVALUATION FORM (REF. OIL CAN EVALUATION No. 001).
 8. TOOLING MUST BE IN CONTROL AND CAPABLE TO
MANUFACTURE THE PART WITHIN ESTABLISHED
SPECIFICATION AND TOLERANCES.
 9. KEY CHARACTERISTICS ARE NOTED BY (*) ASTERIK
- DIMENSIONS TO BE HELD IN CONTROL AND CAPABLE
TO A Cpk OF 1.33 OR GREATER.
 10. ALL INSIDE RADII TO BE .031 UNLESS OTHERWISE NOTED.
 - 27 28 23 11. DESIGN PRESSURE: SVGN420144, SVGN20144
EXTERIOR 55 PSF
INTERIOR 55 PSF
 - 28 12. DESIGN PRESSURE: SVG12N20, SVG12V20, SVG12L20
EXTERIOR 50 PSF
INTERIOR 44.4 PSF

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 07-1026.01
Expiration Date 11/16/2011
By *[Signature]*
Miami Dade Product Control
Division

TOL. DIMENSIONS MARKED X ARE FOR CONSTRUCTION PURPOSES ONLY FIT AT ASSEMBLY	
FINISH NOT SPECIFIED TO BE	FIN
TOLERANCES UNLESS OTHERWISE SPECIFIED	FIN TOLERANCES
1 PLACE DECIMALS +/- .015	XX +/- .4
2 PLACE DECIMALS +/- .008	X.XX +/- .13
3 PLACE DECIMALS +/- .002	X.XXX +/- .008
ANGLES	

28	- ADDED NOTE 12	08-4-15	FG	FG	
27	- ADDED PRODUCT CODES TO NOTE 11	08-4-15	FG	FG	
26	- Was 51.4 and 34.4 PSF	07-12-7	FG	FG	
25	- ADDED PRODUCT CODE/DESCRIPTION CHART	05-2-8	JAS	JAS	FG
24	- REMOVE DWG. PROPERTY NOTE	99-3-11	JC	JC	
23	- CHANGED NOTES 4 & 11	99-2-12	MLB	JC	
22	- CHANGED NOTES 1,2,4, AND ADDED 11	95-9-13	JC	AB	AB
21	- REMOVED ASTERIK FROM .406 DIM.	94-8-24	JC	AB	AB
20	- ADDED .510 WAS .625	94-8-12	JC	AB	AB
19	- RELEASED FOR PRODUCTION	93-1-12	JC		
18	- REVISED AND REDRAWN	92-12-4	JC		

PRODUCT CODE#	PRODUCT DESCRIPTION
SVG12N20	Envoy Double 6" Solid V-Groove Soffitt
SVG12V20	Envoy Double 6" Perforated V-Groove Soffitt
SVG12L20	Envoy Double 6" Lanced V-Groove Soffitt
SVGN420144	Endurance Double 6" Solid V-Groove Soffitt
SVG420144	Endurance Double 6" Perforated V-Groove Soffitt

Allen N. Reuser
29 APRIL 2008

ALCOA BUILDING PRODUCTS	
ALUMINUM OPERATIONS	
ENGINEERING DEPT. OHIO	
TITLE 12" V-GROOVE SOFFITT-VENTILATED SOFFITT	
DRAWN BY	JC
DATE	04-02-08
SCALE	FULL
DESIGNED BY	
DATE	
APPROVED BY	
DATE	
DRAWING NO.	D-300182