



**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)

**Reflectix Inc.
P.O. Box 108
#1 School Street
Markleville, IN 46056**

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: Reflective Insulation.

APPROVAL DOCUMENT: Drawing No. B-083098-001 and B-083098-002 titled "Block Wall Application" and "Crawl Space Application", sheet 1 and 2, prepared by Reflectix, Inc, dated 02/10/99 with no revisions, 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: None

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and 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 # 99-0318.04 and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by ~~Candido Font~~, P.E.


8/28/03



**NOA No 03-0514.14
Expiration Date: August 28, 2008
Approval Date: August 28, 2003
Page 1**

Reflectix, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A DRAWING

1. Drawing No. B-083098-001 & B-083098-002, titled "Block Wall Application" & "Crawl Space Application", Sheet 1 and 2, prepared by Reflectix, Inc., dated 02/10/99 with no revisions signed and sealed by D. W. Yarbrough, PE.

B TEST

	Laboratory Report	Test	Date	Signature
1.	15498-103044	ASTM E-84	04/16/98	J. W. Dougherty, PE
2.	MLI 98003	M. S. 810 D	05/08/98	J. K. Bridenstine, PE
3.	MTS # 258417	ASTM E96	05/04/98	R. G Miller, PE.
4.	MTS # 258417A	ASTM C1224	06/16/98	R. G Miller, PE.
5.	MTS # 258417B	ASTM C1224	05/15/98	R. G Miller, PE.
6.	MTS # 258417C	ASTM C1371	06/16/98	R. G Miller, PE.
7.	MTS # 258417D-1	ASTM C1224	06/16/98	R. G Miller, PE.
8.	MTS # 258417D-2	ASTM C1224	06/10/98	R. G Miller, PE.
9.	MTS # 258417D-3	ASTM C1224	06/16/98	R.G. Miller, PE.
10.	MTS # 258417D-5	ASTM C1224	06/16/98	R. G. Miller, PE.
11.	MTS # 258417D-6	ASTM C1224	06/16/98	R. G. Miller, PE.
12.	MTS # 258417D-8	ASTM C1224	06/16/98	R. G. Miller, PE.
13.	MTS # 258417E	ASTM D1929	05/19/98	R. G. Miller, PE.
14.	MTS # 248417F	ASTM D3310	05/15/98	R. G. Miller, PE.
15.	MTS # 258417G	ASTM D635	05/15/98	R. G. Miller, PE.

C CALCULATION N/A

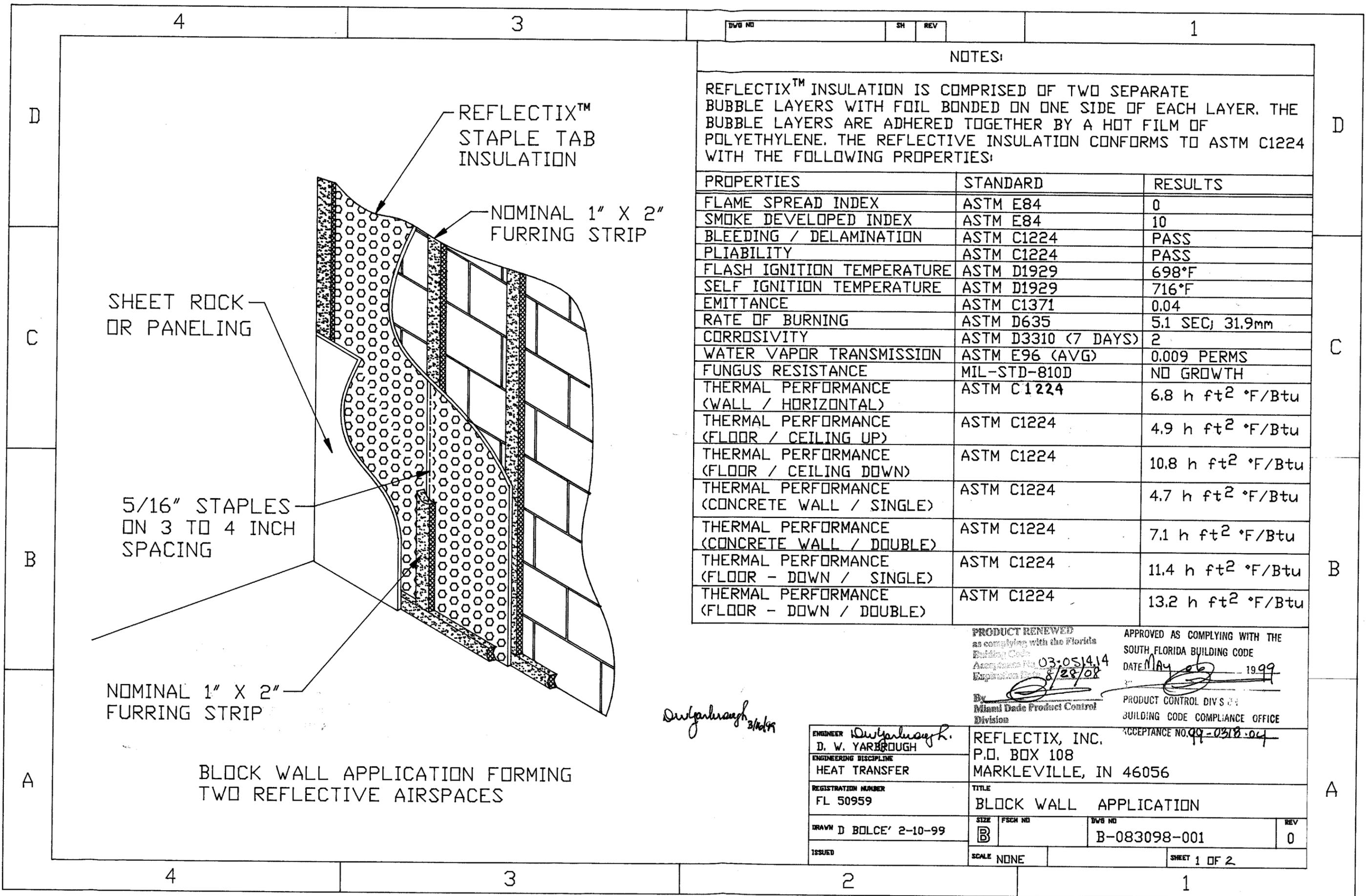
D MATERIAL CERTIFICATION N/A

E STATEMENTS

1. Letter of no financial interest issued by R. & D. Services, Inc., dated 03/16/99, signed and D. Yarbrough.
2. Letter of code compliance issued by R. & D Services, Inc., dated 03/16/99, signed and sealed by D. W. Yarbrough PE.
3. Letter of No Change issued by Reflectix, Inc on 07/31/03 and signed by M. Millspaugh.



Candido F. Font, P.E.
Senior Product Control Examiner
NOA No 03-0514.14
Expiration Date: August 28, 2008
Approval Date: August 28, 2003



NOTES:

REFLECTIX™ INSULATION IS COMPRISED OF TWO SEPARATE BUBBLE LAYERS WITH FOIL BONDED ON ONE SIDE OF EACH LAYER. THE BUBBLE LAYERS ARE ADHERED TOGETHER BY A HOT FILM OF POLYETHYLENE. THE REFLECTIVE INSULATION CONFORMS TO ASTM C1224 WITH THE FOLLOWING PROPERTIES:

PROPERTIES	STANDARD	RESULTS
FLAME SPREAD INDEX	ASTM E84	0
SMOKE DEVELOPED INDEX	ASTM E84	10
BLEEDING / DELAMINATION	ASTM C1224	PASS
PLIABILITY	ASTM C1224	PASS
FLASH IGNITION TEMPERATURE	ASTM D1929	698°F
SELF IGNITION TEMPERATURE	ASTM D1929	716°F
EMITTANCE	ASTM C1371	0.04
RATE OF BURNING	ASTM D635	5.1 SEC; 31.9mm
CORROSIVITY	ASTM D3310 (7 DAYS)	2
WATER VAPOR TRANSMISSION	ASTM E96 (AVG)	0.009 PERMS
FUNGUS RESISTANCE	MIL-STD-810D	NO GROWTH
THERMAL PERFORMANCE (WALL / HORIZONTAL)	ASTM C1224	6.8 h ft ² °F/Btu
THERMAL PERFORMANCE (FLOOR / CEILING UP)	ASTM C1224	4.9 h ft ² °F/Btu
THERMAL PERFORMANCE (FLOOR / CEILING DOWN)	ASTM C1224	10.8 h ft ² °F/Btu
THERMAL PERFORMANCE (CONCRETE WALL / SINGLE)	ASTM C1224	4.7 h ft ² °F/Btu
THERMAL PERFORMANCE (CONCRETE WALL / DOUBLE)	ASTM C1224	7.1 h ft ² °F/Btu
THERMAL PERFORMANCE (FLOOR - DOWN / SINGLE)	ASTM C1224	11.4 h ft ² °F/Btu
THERMAL PERFORMANCE (FLOOR - DOWN / DOUBLE)	ASTM C1224	13.2 h ft ² °F/Btu

PRODUCT RENEWED as complying with the Florida Building Code Acceptance No. 03-051414 Expiration Date 8/28/08

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE May 26 1999

By [Signature] Miami Dade Product Control Division

PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 99-0318-04

[Signature] 3/16/99

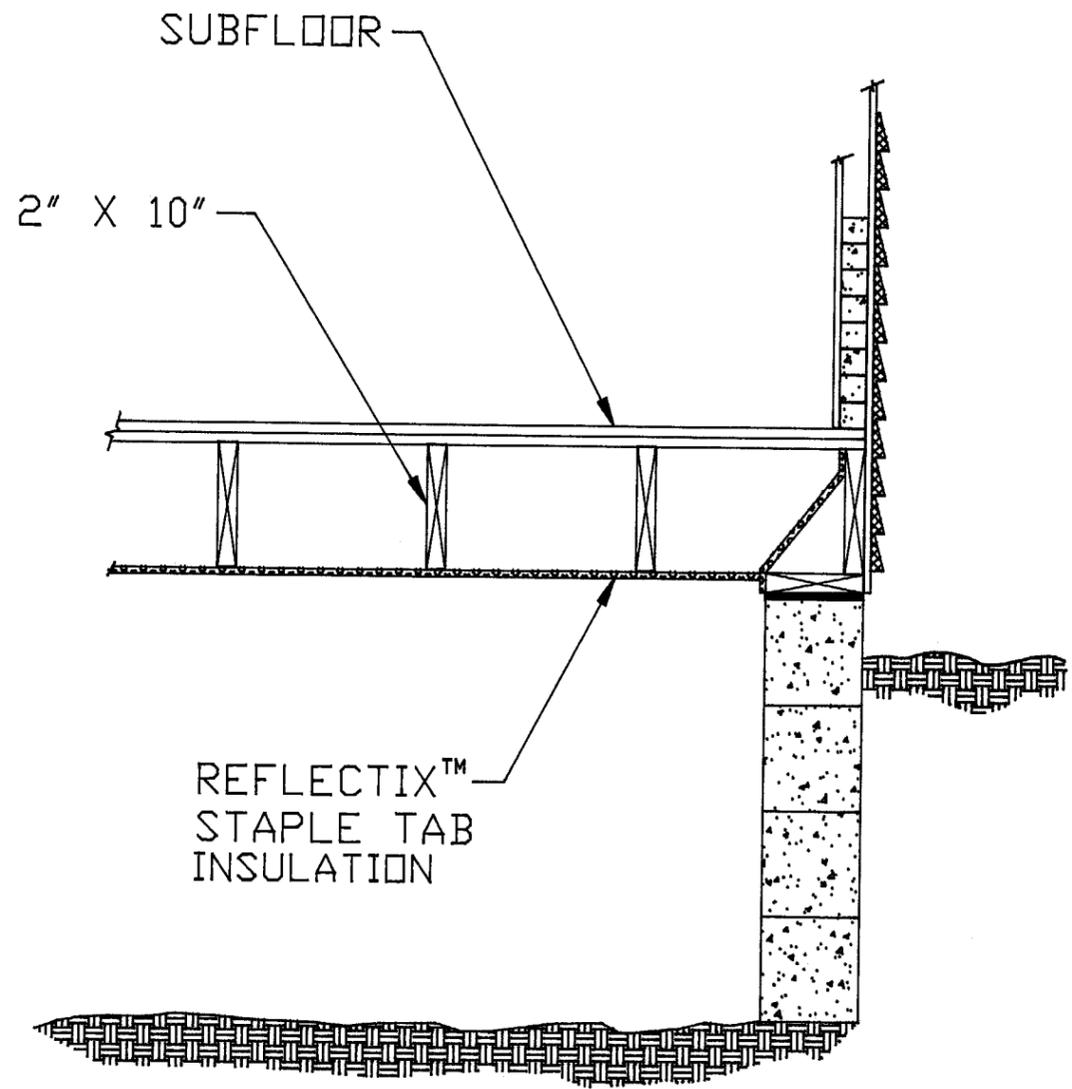
ENGINEER D. W. YARBROUGH
 ENGINEERING DISCIPLINE HEAT TRANSFER
 REGISTRATION NUMBER FL 50959
 DRAWN D BOLCE' 2-10-99
 ISSUED

REFLECTIX, INC.
 P.O. BOX 108
 MARKLEVILLE, IN 46056
 TITLE BLOCK WALL APPLICATION
 SIZE B FSCH NO DWG NO B-083098-001 REV 0
 SCALE NONE SHEET 1 OF 2

BLOCK WALL APPLICATION FORMING TWO REFLECTIVE AIRSPACES

DWG NO SH REV

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED



REFLECTIX™ USED AS CRAWL SPACE APPLICATION

David W. Yarbrough
3/16/99

PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 03-051414
Expiration Date 8/28/08
By *[Signature]*
Miami Dade Product Control
Division

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE *May 06* 19*99*
By *[Signature]*
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. *99-0318.04*

ENGINEER <i>D. W. YARBROUGH</i> D. W. YARBROUGH	REFLECTIX, INC. P.O. BOX 108 MARKLEVILLE, IN 46056		
ENGINEERING DISCIPLINE HEAT TRANSFER	TITLE CRAWL SPACE APPLICATION		
REGISTRATION NUMBER FL 50959	SIZE B	FSCH NO	DWG NO B-083098-002
DRAWN D BOLCE' 2-10-99	ISSUED	SCALE NONE	REV 0
SHEET 2 OF 2			