



**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)

**Construction Specialties, Inc.
45 Meeker Ave.
Cranford, NJ 07016**

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: DC 5304 Louver.

APPROVAL DOCUMENT: Drawing No.RD-132-1, titled " DC 5304 Louver" dated 05/02/02 with last revision on 08/15/02, prepared by Construction Specialties, Inc, signed and sealed by A. K. Long, PE, bearing the Miami-Dade County Product Control Approval stamp with the NOA number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant.

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 consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font PE.**



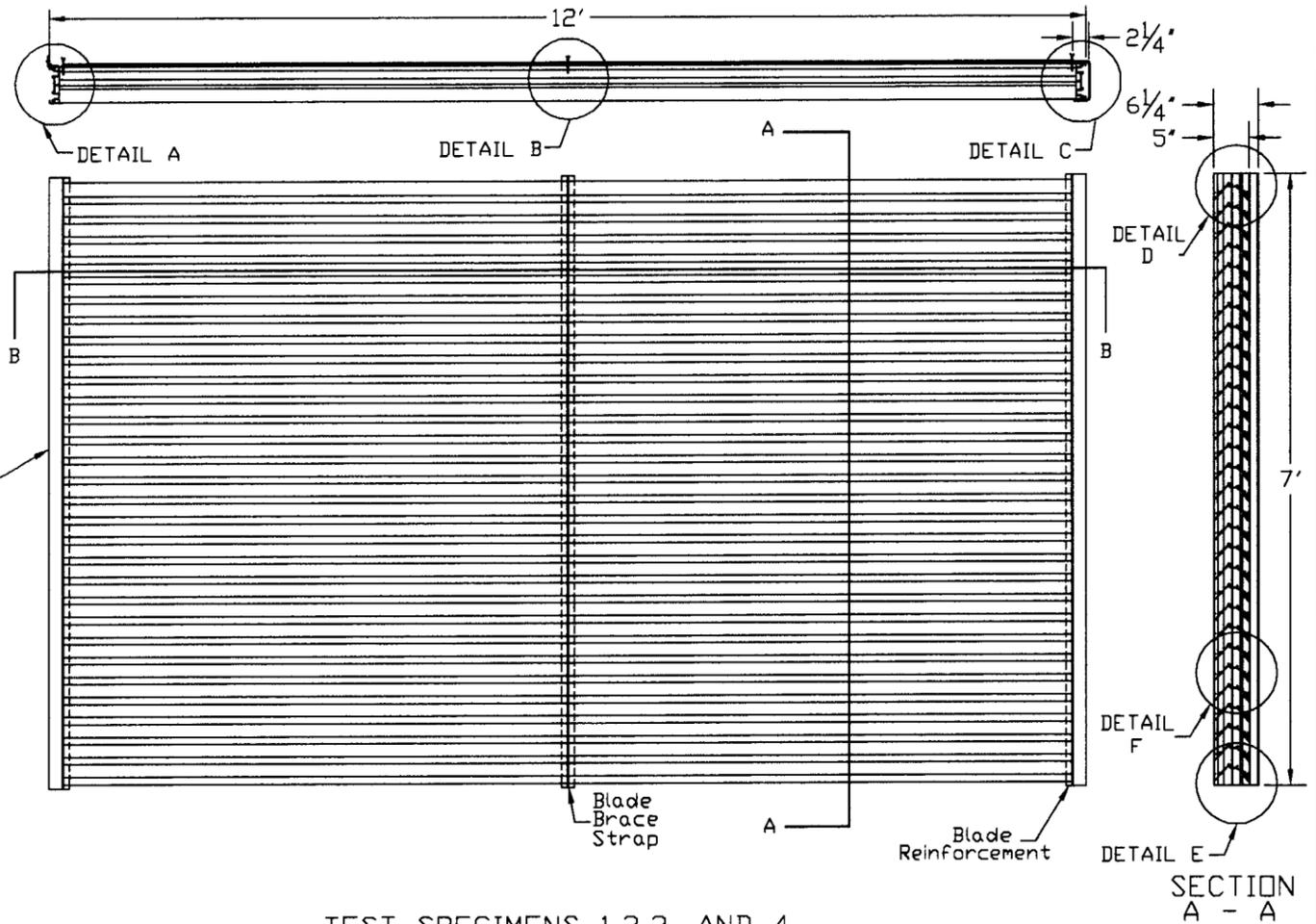
**NOA No: 02-0621.03
Expiration Date: September 26, 2007
Approval Date: September 26, 2002
Page 1**

GENERAL NOTES:

- 1) MAXIMUM ASSEMBLY SIZE=UNLIMITED HEIGHT, CONSISTING OF HORIZ. SECTIONS UP TO 12ft WIDE X MAX SHIPPING HEIGHT. UTILIZES AS MANY SECTIONS AS NECESSARY
- 2) WHEN LOUVER IS INSTALLED IN THE FIELD A HEAD/SILL EXTRUSION WILL BE SUBSTITUTED FOR THE TOP AND BOTTOM BLADE THE HEAD/SILL EXTRUSION HAS NO LOAD IMPOSED ON IT BY THE REST OF THE LOUVER AND IS STRONGER THAN THE BLADE IN THE WIND LOAD DIRECTION THEREFORE IT WAS NOT INCLUDED ON THE TEST SPECIMENS - SEE INSTALLED LOUVER SKETCH SHEET 2 AND DETAILS G AND H
- 3) MAXIMUM BLADE LENGTH WITHOUT A BLADE BRACE NOT TO EXCEED 72". MAXIMUM BLADE LENGTH WITH A BLADE BRACE NOT TO EXCEED 144".
- 4) ALL FASTENERS SHALL BE STAINLESS STEEL OR PLATED STEEL
- 5) THIS LOUVER SYSTEM HAS BEEN TESTED, ANALYZED AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED 120 PSF
- 6) THESE LOUVER SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE 2002 EDITION
- 7) THIS PRODUCT HAS BEEN TESTED IN ACCORDANCE WITH DADE COUNTY PROTOCOLS 201, 202, AND 203 FOR LARGE AND SMALL MISSILE IMPACT, STATIC AND CYCLIC WIND LOADING (FOR SMALL MISSILE IMPACT, THE MESH SCREEN MUST BE INSTALLED AS SHOWN)
- 8) SEPARATION OF UNPAINTED ALUMINUM AND DISSIMILAR MATERIALS TO BE MAINTAINED PER SECTION 2003.814 OF THE FLORIDA BUILDING CODE 2002 EDITION
- 9) THESE LOUVERS ARE TO BE INSTALLED IN A LOCATION WHERE THE ROOM BEHIND THE LOUVER IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM AND THE ROOM WILL HOUSE WATER RESISTANT/WATER PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES

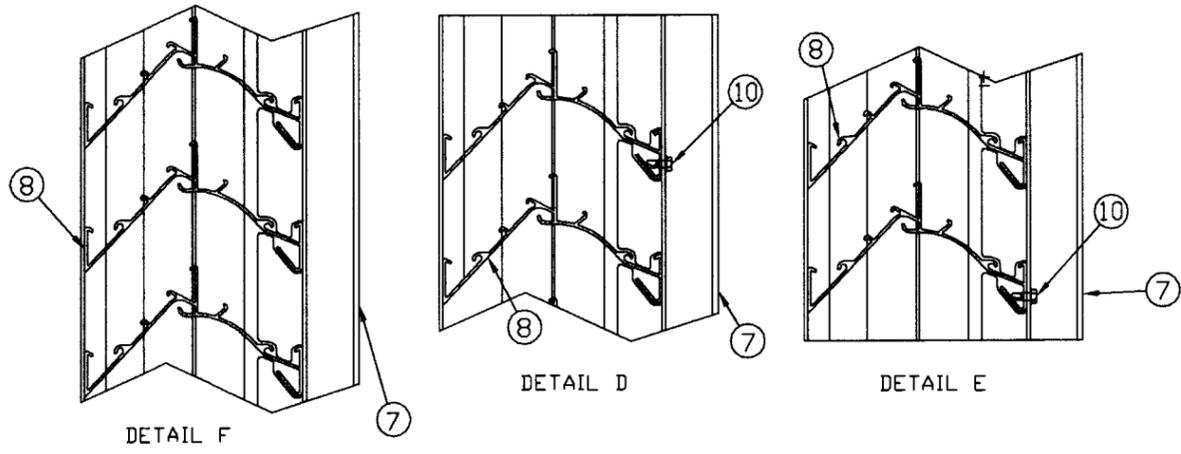
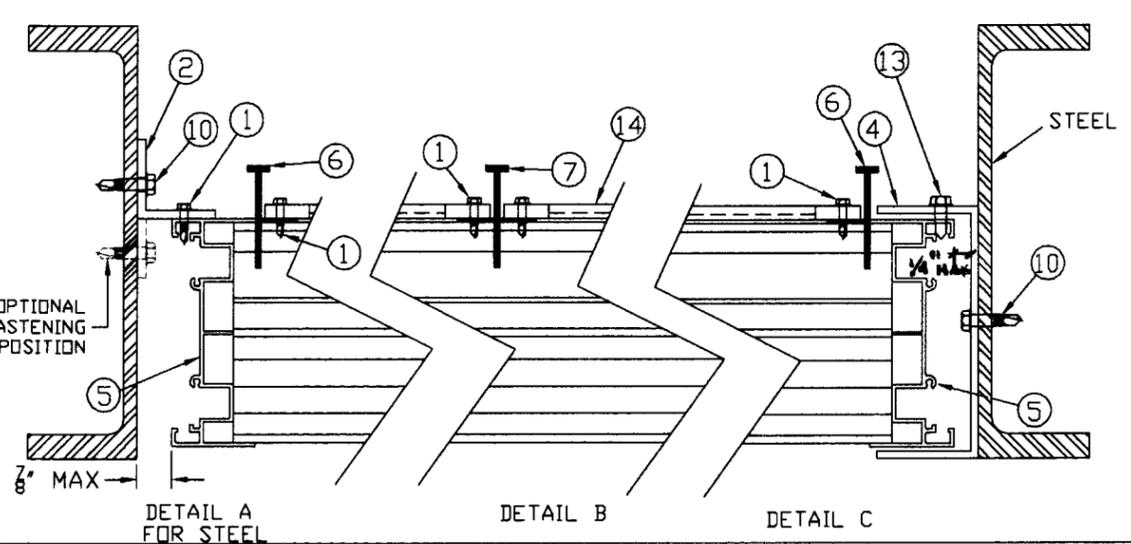
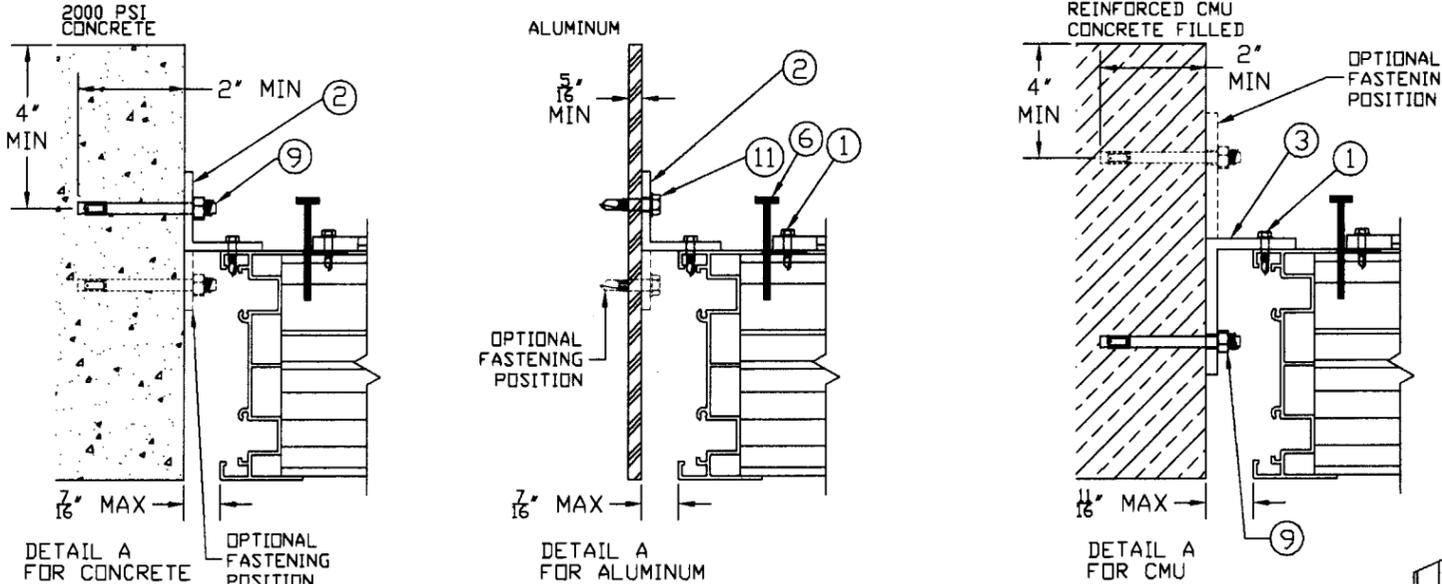
PARTS LIST:

- 1 - No 10-16 X 3/4" self drilling SS screw 3" D.K. by Construction Specialties
- 2 - 1 3/4" X 1 3/4" X 1/4" angle - 6061 T6
- 3 - 3" X 2" X 1/4" angle - 6061 T6
- 4 - Fabricated socket minimum 2 1/4 inc deep X .160 wall either steel or aluminum
- 5 - Jamb minimum thickness .081 alloy 6063 T5 aluminum
- 6 - Blade reinforcement 6063-T5 aluminum
- 7 - Blade brace alloy 6063-T5 aluminum
- 8 - Louver blade minimum thickness .081 alloy 6063-T5
- 9 - 1/4" X 3 1/4" Hilti Kwik Bolt II on 6 in centers for concrete and CMU
- 10 - 5/16 - 24 self drilling screws or bolts on 8 inch centers for steel
- 11 - 1/4 - 20 self drilling screws or bolts on 4 inch centers for aluminum
- 12 - No 10-16 self drilling screw at top and bottom blade of each section
- 13 - 1/4" X 1 1/2" SMS 12" from top and bottom
- 14 - 18x14 mesh 0.0123 wire diameter screen required for small missile impact, Required to be installed at 30 ft above ground, secured to louver w/#10-3/4 SMS at end and center on four sides



TEST SPECIMENS 1,2,3, AND 4

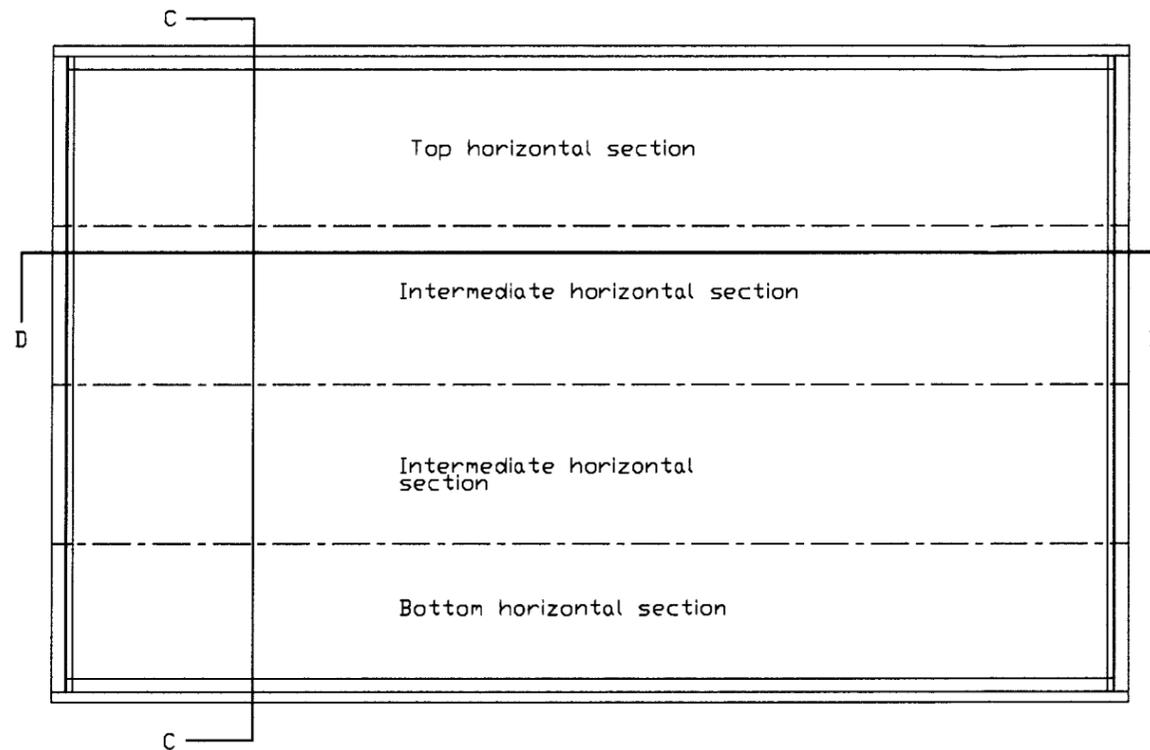
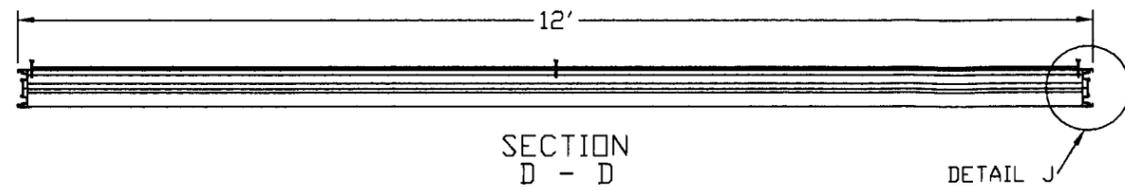
DESIGN PRESSURE RATING 120 PSF
LARGE AND SMALL MISSILE IMPACT RESISTANCE



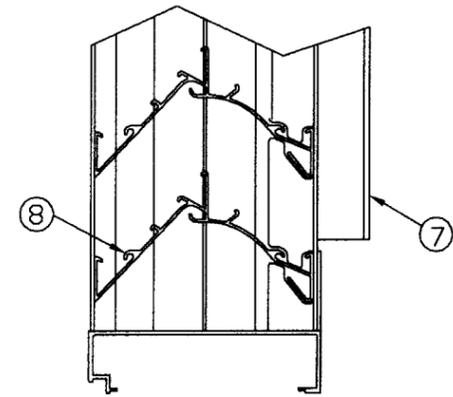
Approved by: *[Signature]*
Date: 9/26/02
Project: 02-0621.03
Division: *[Signature]*
By: *[Signature]*

Alexander K. Long
AUG 15 2002
ALEXANDER K. LONG
FLORIDA P.E. NO. 50241

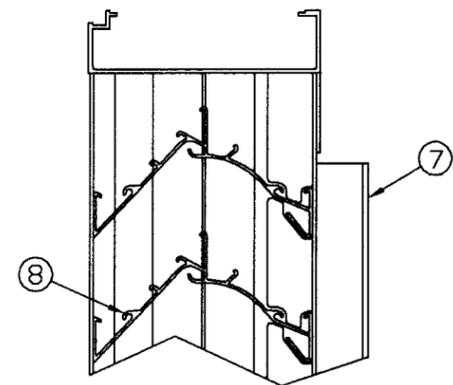
<p>CONSTRUCTION SPECIALTIES, INC. 49 MEEKER AVENUE, CRANFORD, NEW JERSEY PHONE: 1-800-631-7379 / FAX: 908-272-2920</p>	DADE COUNTY LOUVER	TITLE: DC 5304 LOUVER
	NOA NUMBER: 02-0621.03	DATE: 5-02-02 Rev A 8-15-02
	SCALE: NA	SHEET NUM: 1 OF 2
	DRW BY: J BLAKE	DRW NO: RD-132-1



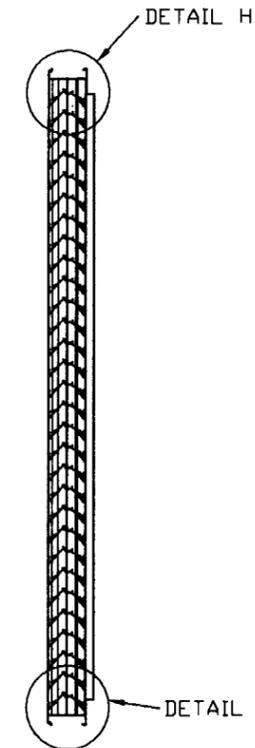
INSTALLED LOUVER SKETCH



DETAIL G

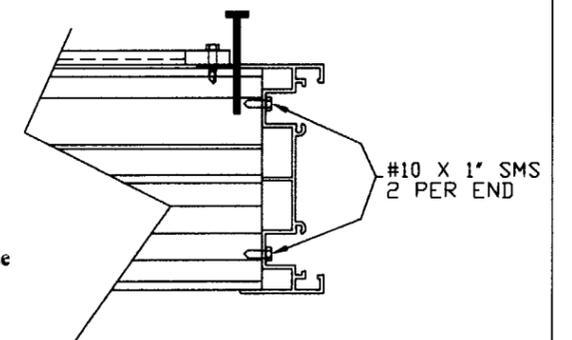


DETAIL H

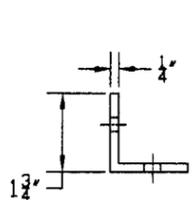


SECTION C - C

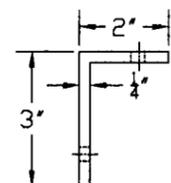
Approved according with the
Florida Building Code
Date: 9/26/02
NOA: 02-0621.03
When Water is not Control
Division:



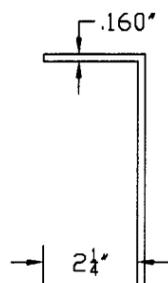
DETAIL J



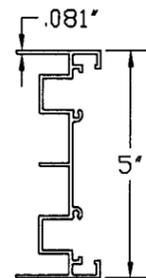
2 - alum angle
6061 T6
for Steel
Concrete
and Aluminum



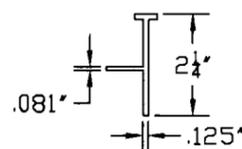
3 - alum angle
6061 T6
for CMU



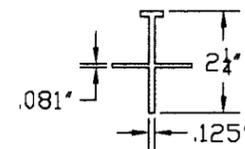
4 - Fabricated
socket



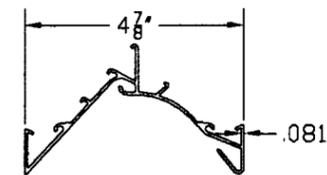
5 - Jamb



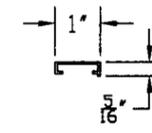
6 - Blade
Reinforcement



7 - Blade
brace



8 - Blade



14 - Screen
Frame

AUG 15 2002
ALEXANDER K. LONG
FLORIDA P.E. NO. 50241



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49 MEEKER AVENUE, CRANFORD, NEW JERSEY
PHONE: 1-800-631-7379 / FAX: 908-272-2920

DADE COUNTY LOUVER	TITLE: DC 5304 LOUVER
NOA NUMBER: 02-0621.03	DATE: 5-02-02 Rev A 8-15-02
SCALE: NA	SHEET NUM: 2 OF 2
DRW BY: J BLAKE	DRW NO: RD-132-2