



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.maimidade.gov/buildingcode](http://www.maimidade.gov/buildingcode)

All-Lite Louver Co. - Division of PCI Industries  
5101 Blue Moud Road  
Fort Worth, TX 76106

**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: Model ECD-545-MD Aluminum Louver**

**APPROVAL DOCUMENT:** Drawing No. DC-C1, E-1, D-1-D-6, titled "ECD-545-MD Cover Page, Elevation and Details/Sections", sheets 1 through 8 of 8, dated 08/08/06, with last Revision 2 dated 07/29/08, prepared by Al-Rice Engineering, signed and sealed by L. David Rice, P.E., 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 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 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



*Utrera*  
9/15/08

NOA No. 08-0528.04  
Expiration Date: October 9, 2013  
Approval Date: October 9, 2008  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **DC-C1, E-1, D-1-D-6**, titled "ECD-545-MD Cover Page, Elevation and Details/Sections", sheets 1 through 8 of 8, dated 08/08/06, with last Revision 2 dated 07/29/08, prepared by Al-Rice Engineering, signed and sealed by L. David Rice, P.E.

**B. TESTS**

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
2) Large Missile Impact Test per FBC, TAS 201-94  
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
along with marked-up drawings and installation diagram of Model ECD-545-MD Aluminum Louver, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL-0399-0116-07**, dated 02/27/08, signed and sealed by Vinu J. Abraham, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations prepared by Rice Engineering, dated 08/19/08, signed and sealed by L. David Rice, P.E.

**D. QUALITY ASSURANCE**

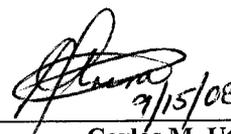
1. Miami Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of code conformance issued Rice Engineering, dated 08/19/08, signed and sealed by L. David Rice, P.E.
2. Statement letter of no financial interest issued Rice Engineering, dated 08/19/08, signed and sealed by L. David Rice, P.E.
3. Laboratory compliance letter for Test Report No. **HTL- 0399-0116-07**, issued by Hurricane Test Laboratory, Inc., dated 02/27/08, signed and sealed by Vinu J. Abraham, P.E.

  
\_\_\_\_\_  
Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 08-0528.04  
Expiration Date: October 9, 2013  
Approval Date: October 9, 2008

## INSTALLER MUST READ

A "BOLT" IS DEFINED FOR THIS DISCUSSION AS A THREADED FASTENER DESIGNED SO THAT IT IS INTENDED TO BE USED WITH A NUT. A BOLT IS TIGHTENED BY EXERTING TORQUE ON THE NUT.

THE IDEAL BOLT LENGTH IS ONE IN WHICH ONLY ONE OR TWO THREADS PROJECT FROM THE NUT AFTER IT IS TIGHTENED. ADDITIONAL THREADS MAY PROTRUDE FROM THE NUT, BUT NO LESS THAN ONE COMPLETE THREAD SHOULD BE ALLOWED.

BOLT HOLES MAY HAVE SHARP BURRS OR EDGES AFTER DRILLING. THESE COULD BITE INTO THE FILLET AND INCREASE STRESS CONCENTRATION. THEREFORE, WASHERS ARE ALWAYS USED UNDER THE BOLT HEAD TO PREVENT THIS. THESE WASHERS ARE MADE OF HARDENED STEEL OR STAINLESS STEEL AND THE INSTALLER MUST TAKE CARE TO LOAD THEM ONTO THE BOLT SO THAT THE ROUNDED EDGE OF THE STAMPED HOLE FACES THE WASHER FACE OF THE BOLT.

SIMILARLY, WASHERS ARE USED UNDER EACH NUT.

IF AT ALL POSSIBLE, WHEN TIGHTENING, THE INSTALLER SHOULD HOLD THE BOLT HEAD STATIONARY AND TWIST THE NUT. IN THIS WAY, THE BOLT SHANK WILL NOT FEEL THE THREAD-FRICTION TORQUE.

THE MATERIAL OF THE NUT IS CAREFULLY SELECTED TO MATCH THAT OF THE BOLT. TYPICALLY, THE BOLT MATERIAL WILL BE SELECTED TO BE STRONG AND TOUGH, AND THE MATING NUT MATERIAL WILL BE SELECTED TO BE SOFT AND DUCTILE.

SINCE PROPERLY SELECTED NUTS YIELD SLIGHTLY TO PROPERLY DISTRIBUTE THE LOAD OVER THE FIRST FEW THREADS, NUTS CAN ONLY BE USED ONCE. ALL INSTALLERS MUST VISUALLY INSPECT EACH NUT THEY ARE ABOUT TO INSTALL FOR ANY POSSIBLE SIGN THAT IT MAY HAVE BEEN USED BEFORE.

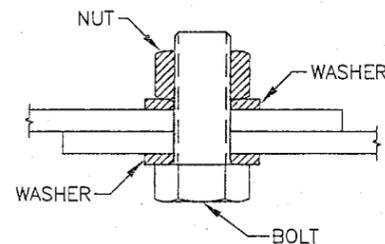
IF THERE ARE ANY SIGNS ON THE OUTSIDE THAT A WRENCH HAS SCRATCHED OR NICKED THE CORNERS - DISCARD IT.

IF EITHER OF THE FLAT ENDS OF THE NUT SHOW ANY RUB MARKS - DISCARD IT.

IF THE NUT THREADS SHOW ANY RUB MARKS OR NICKS - DISCARD IT.

THE INSTALLER IS ALSO RESPONSIBLE FOR PERFORMING A VISUAL INSPECTION OF EACH BOLT HE/SHE IS ABOUT TO INSTALL. BOLTS WITH NICKS, BURRS, AND OTHER THREAD IRREGULARITIES - MUST BE DISCARDED, SINCE THEY ARE LIKELY TO CAUSE STRESS CONCENTRATIONS.

IF PRELOAD TORQUE IS SPECIFIED, THEN THE TORQUE MUST BE CHECKED BY USING A TORQUE WRENCH IN THE FIELD. IF PRELOAD IS NOT PROPERLY INSTALLED AND CHECKED, THEN ALL-LITE LOUVERS ASSUMES NO RESPONSIBILITY FOR THE PERFORMANCE OF THE BOLTS.



### NOTES:

1. ELEVATIONS ARE VIEWED FROM THE EXTERIOR.
2. THE ANALYSIS OF FASTENERS AND ANCHORS IS IDENTIFIED IN SECTION III OF THE STRUCTURAL REPORT.
3. UNIT OF MEASURE IS IN FRACTIONAL INCHES.
4. LARGE MISSILE IMPACT RESISTANT



SECTION SIZE LIMITS	
MAXIMUM	MINIMUM
WIDTH: 60"	WIDTH: 12"
HEIGHT: 102"	HEIGHT: 12"
MAX DESIGN PRESSURE: ±80 PSF	

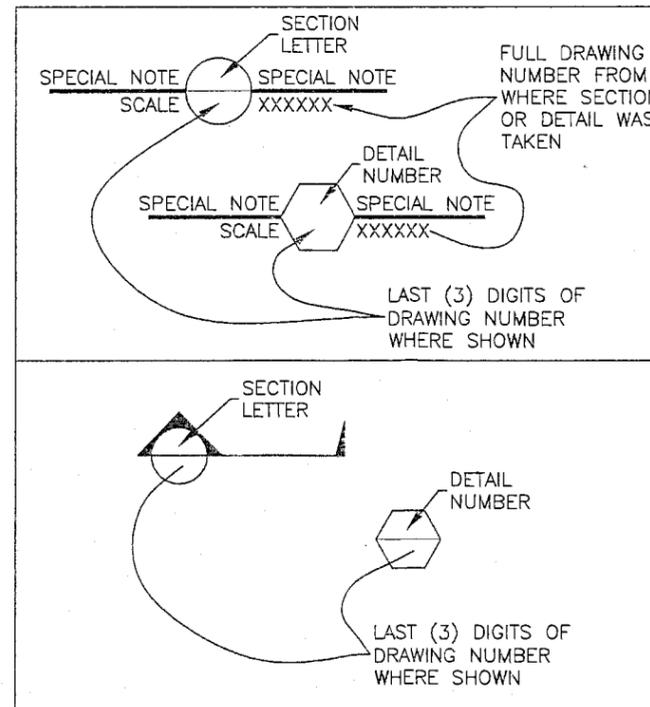
AUG 19 2008

**RICE**  
**ENGINEERING**

105 School Creek Trail  
Luxemburg, WI 54217  
Phone 920.845.1042  
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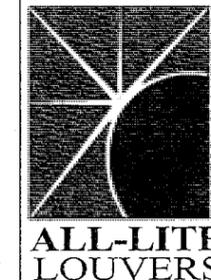
Approved as complying with the  
Florida Building Code  
Date: 10/09/2008  
NOA# 08-05123-04  
Miami Dade Product Control  
Division

Florida Firm No: F-01000005061  
Certificate of Authorization: #9090  
L. David Rice  
Registration No: 50923



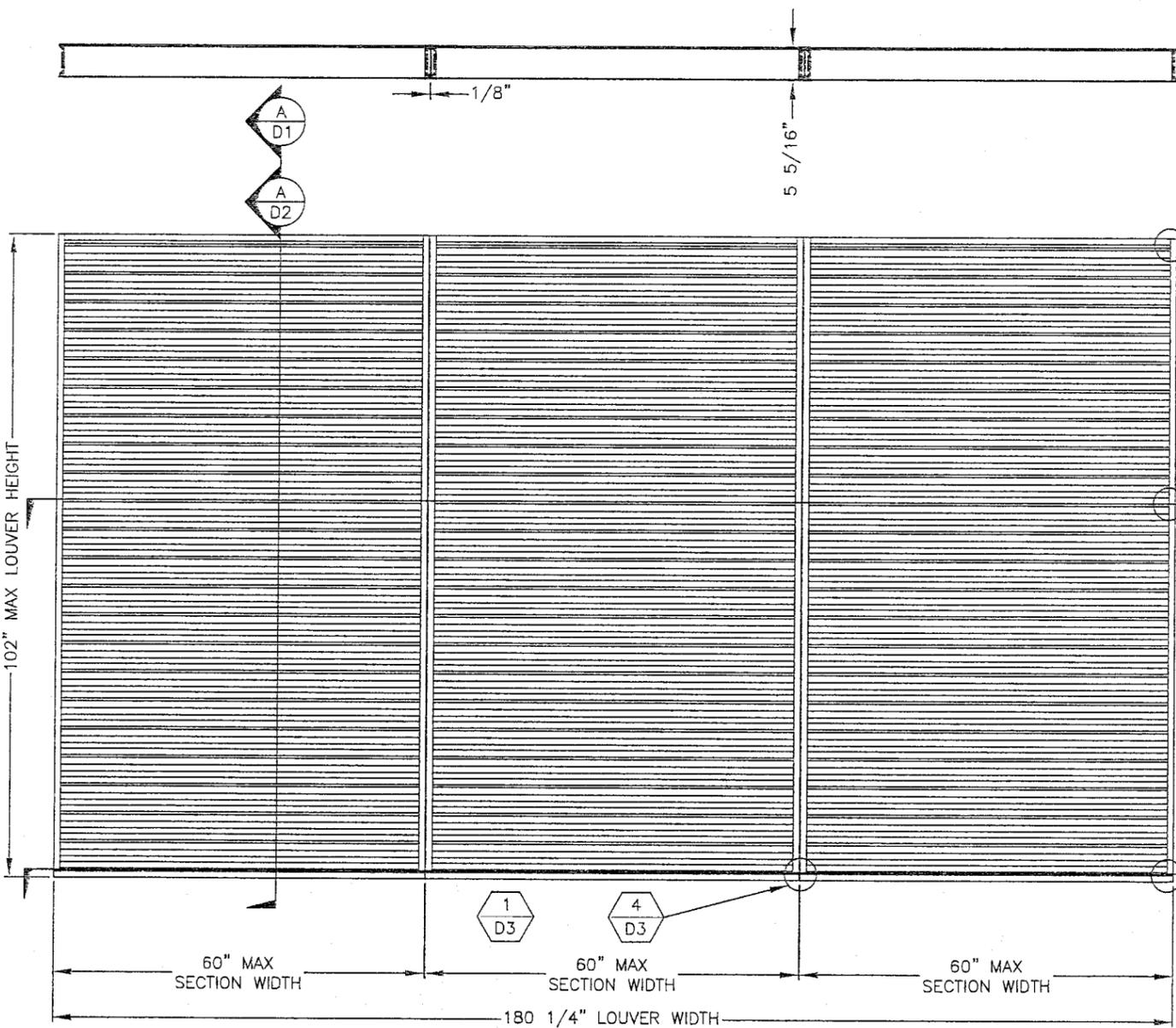
SECTION AND DETAIL NOTATION

REV. NO.	DESCRIPTION	DATE	DRAWN BY
2	CHANGED 48" O.C. TO 34" O.C. & ADDED NOTE 4	7/29/08	DNG
1	CHANGED 60" O.C. TO 48" O.C.	01/09/08	DNG



5101 BLUE MOUND ROAD  
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Web Address: www.alllite-louvers.com  
Phone: 817-831-7038 Fax: 817-831-3110

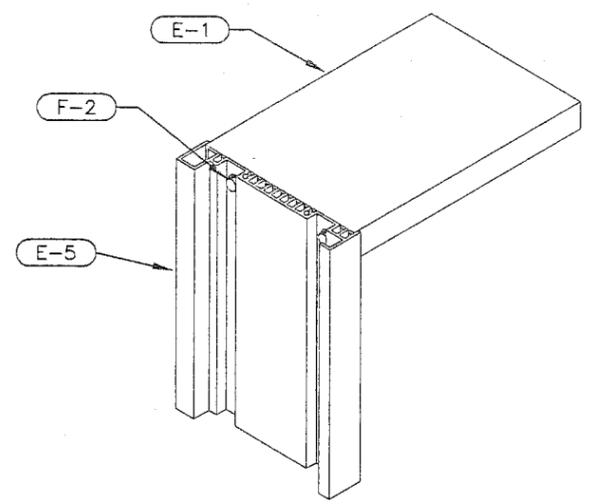
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PROJECT: ECD-545-MD				
LOCATION:				
ARCHITECT:				
CUSTOMER:				
DATE: 8-8-06	DWN BY: DNICH	A.L.C. ORDER NO.	CUSTOMER P.O. NO.	DRAWING NO. DC-C1
SCALE: NONE	SHEET: 1 of 8			



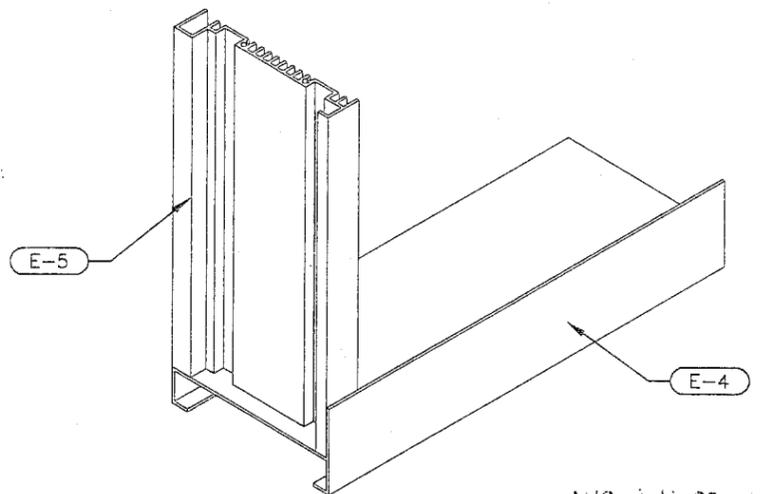
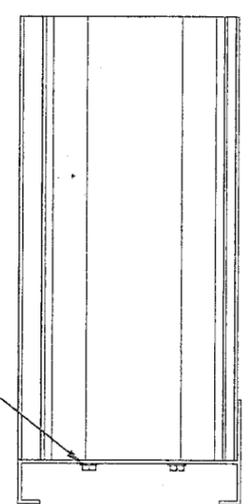
EXTERIOR ELEVATION

SCALE: 1/2"=1'

FILE:



LOUVER CORNER DETAIL (TYP BOTH ENDS) 1 JAMB TOP, HEAD, AND DRIP CONNECTION  
3"=1' E1 E1



LOUVER CORNER DETAIL (TYP BOTH ENDS) 2 JAMB BOTTOM AND SILL CONNECTION  
3"=1' E1 E1

NOTE: A LOUVERED OPENING MAY BE UNLIMITED IN WIDTH, BEING MADE UP OF MULTIPLE SECTIONS, PROVIDED THAT EACH SECTION DOES NOT EXCEED 60" IN WIDTH AND 102" IN HEIGHT.

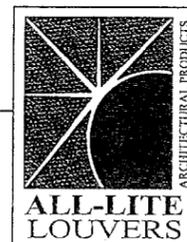
Approved as complying with the Florida Building Code  
Date 10/09/2008  
NOAB DB-10528.04  
Miami-Dade Product Control Division  
By *[Signature]*

AUG 19 2008

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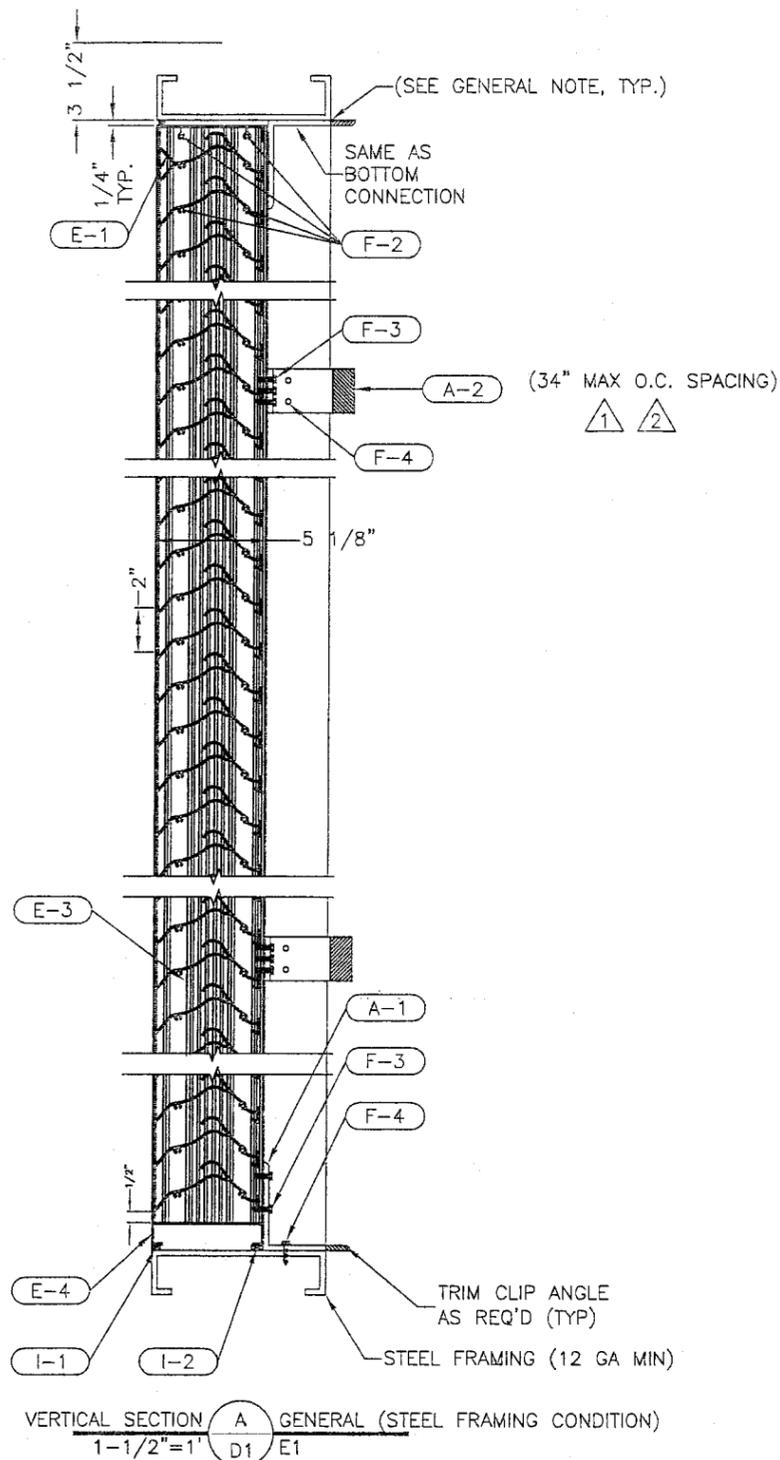
Florida Firm No: F-01000005061  
Certificate of Authorization: #9090  
L. David Rice  
Registration No: 50923



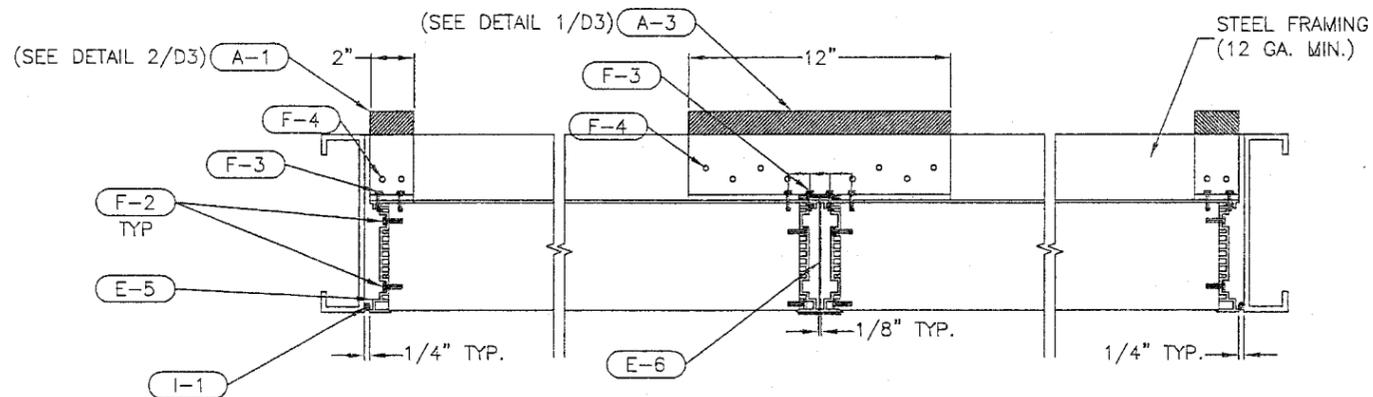
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ARCHITECT:		A.L.C. ORDER NO.	
CUSTOMER:		CUSTOMER P.O. NO.	
SCALE: NOTED	SHEET: 2 of 8	DRAWING NO. DC-E1	

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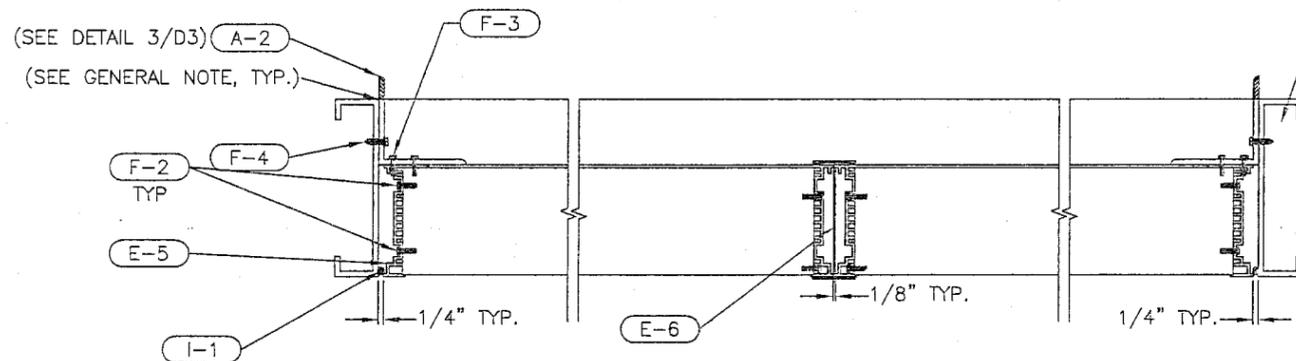
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2	CHANGED 48" O.C. TO 34" O.C. & ADDED NOTE 4	7/29/08	DNG
1	CHANGED 60" O.C. TO 48" O.C.	01/09/08	DNG



VERTICAL SECTION **A** GENERAL (STEEL FRAMING CONDITION)  
1-1/2"=1' D1 E1



PLAN VIEW - HORIZONTAL SECTION **B** GENERAL (STEEL FRAMING CONDITION)  
1-1/2"=1' D1 E1



INTERMEDIATE JAMB CLIPS - HORIZONTAL SECTION **C** GENERAL (STEEL FRAMING CONDITION)  
1-1/2"=1' D1 E1 (BOTTOM CLIP ANGLES REMOVED FOR CLARITY)

STEEL FRAMING SUPPORTED BY APPROPRIATE STRUCTURE TO WITHSTAND 80 PSF DESIGN LOAD.

Approved as complying with the Florida Building Code  
Date 10/09/2008  
MOA 08-05-28.04  
Miami-Dade Product Control Division  
By *[Signature]*

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Certificate of Authorization: #9090  
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Registration No: 50923

**GENERAL NOTE:**  
INSTALLER TO PROVIDE GASKET MATERIAL BETWEEN DISSIMILAR MATERIALS FOR SEPARATION.

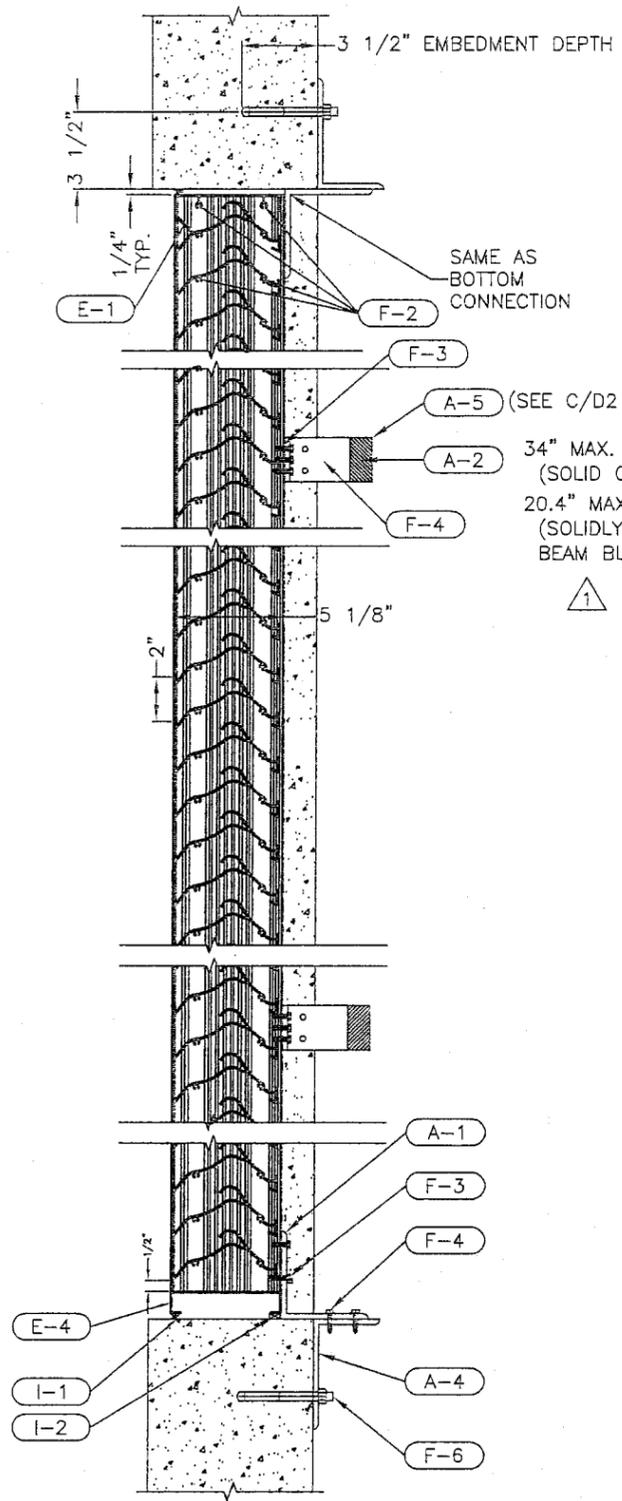
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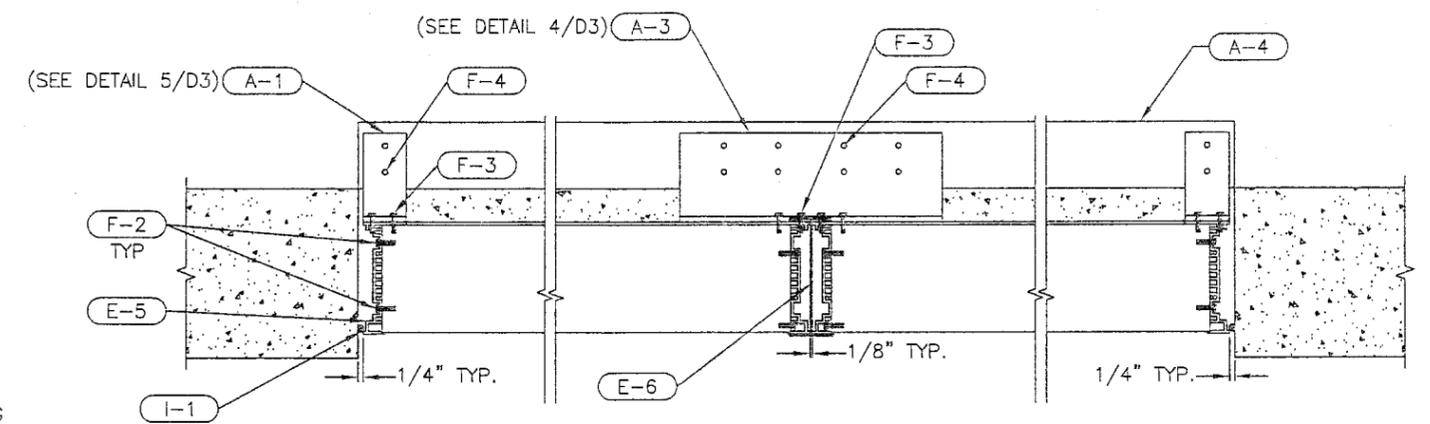
5101 BLUE MOUND ROAD  
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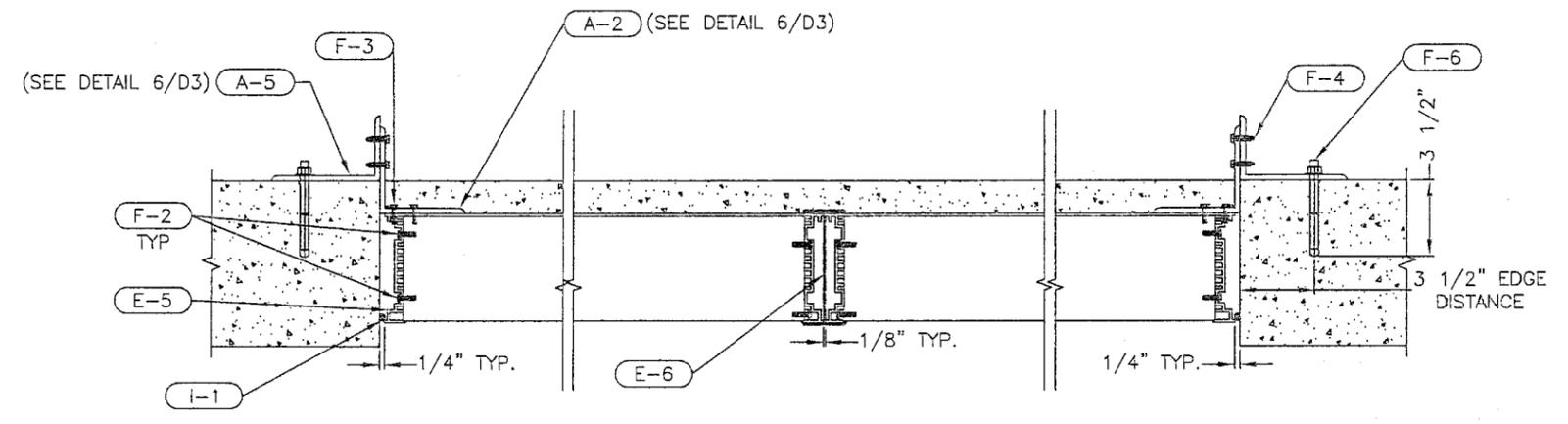
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PROJECT: ECD-545-MD			
LOCATION:			
ARCHITECT:			
CUSTOMER:			
DATE: 8-8-06	DWN BY: DNICH	A.L.C. ORDER NO.	CUSTOMER P.O. NO.
SCALE: NOTED	SHEET: 3 of 8		DRAWING NO. DC-D1



VERTICAL SECTION **A** GENERAL [SEE NOTE 1]  
1-1/2"=1' D2 E1



PLAN VIEW - HORIZONTAL SECTION **B** GENERAL [SEE NOTE 1]  
1-1/2"=1' D2 E1



INTERMEDIATE JAMB CLIPS - HORIZONTAL SECTION **C** GENERAL [SEE NOTE 1]  
1-1/2"=1' D2 E1 (BOTTOM CLIP ANGLES AND SHELF ANGLE REMOVED FOR CLARITY)

**CONDITION NOTE:**  
1: THIS CONDITION MAY BE ONE OF THE FOLLOWING:  
A: 8" SOLIDLY GROUTED BOND BEAM BLOCKS - REINFORCED (GROUT STRENGTH 2000 PSI)  
B: SOLID CONCRETE (4000 PSI) **2**  
1. PRE-CAST CONCRETE  
2. CAST-IN-PLACE CONCRETE

**GENERAL NOTE:**  
INSTALLER TO PROVIDE GASKET MATERIAL BETWEEN DISSIMILAR MATERIALS FOR SEPARATION.

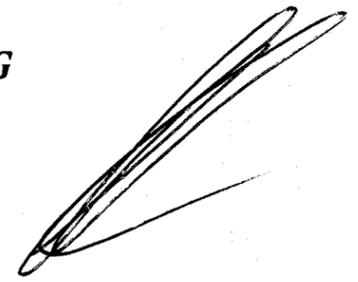
Approved as complying with the Florida Building Code  
Date 10/07/2008  
NOAA DB: 05/28/04  
Miami Dade Product Control Division  
By *[Signature]*

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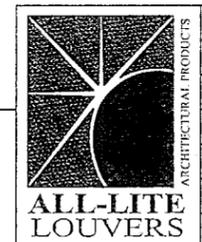
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Registration No: 50923



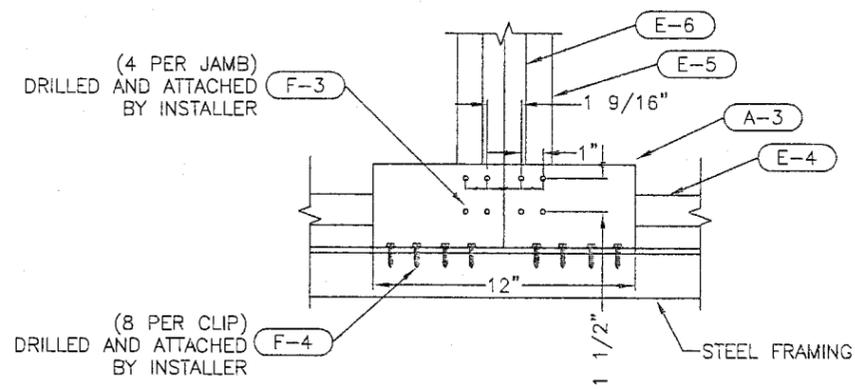
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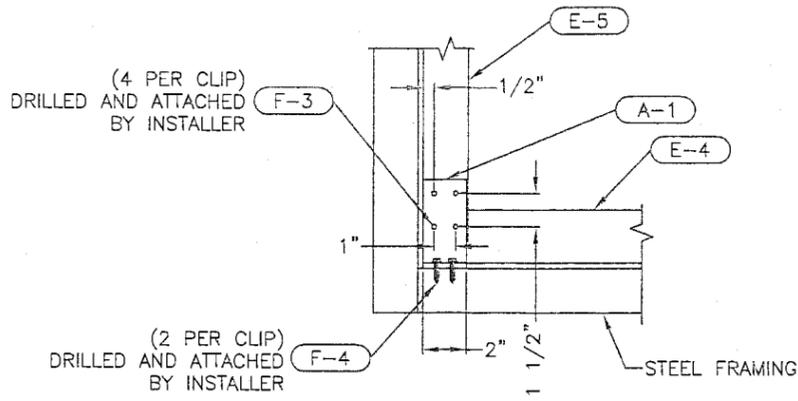
5101 BLUE MOUND ROAD  
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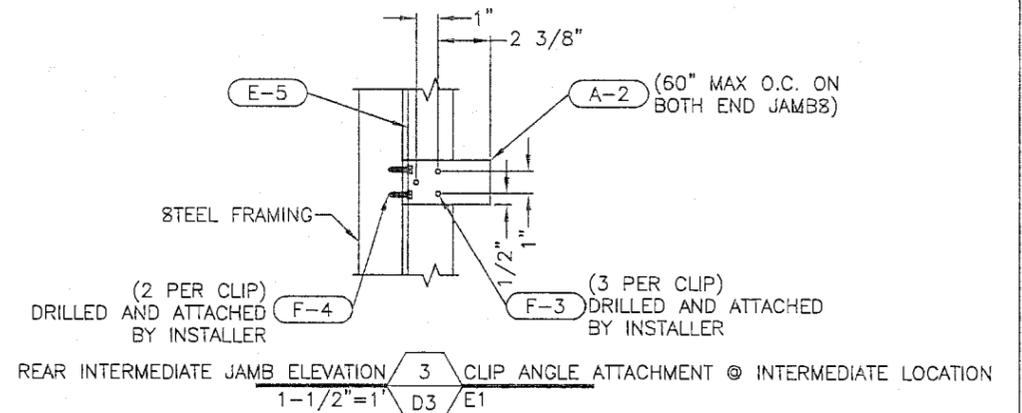
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PROJECT: ECD-545-MD				
LOCATION:				
ARCHITECT:				
CUSTOMER:				
DATE: 8-8-06	DWN BY: DNICH	A.L.C. ORDER NO.	CUSTOMER P.O. NO.	DRAWING NO.
SCALE: NOTED	SHEET: 4 of 8			DC-D2



REAR MULLION ELEVATION  $\frac{1}{1-1/2"=1"} \frac{D3}{E1}$  CLIP ANGLE ATTACHMENT @ MULLION (TYP)



REAR CORNER ELEVATION  $\frac{2}{1-1/2"=1"} \frac{D3}{E1}$  CLIP ANGLE ATTACHMENT @ CORNER (TYP)

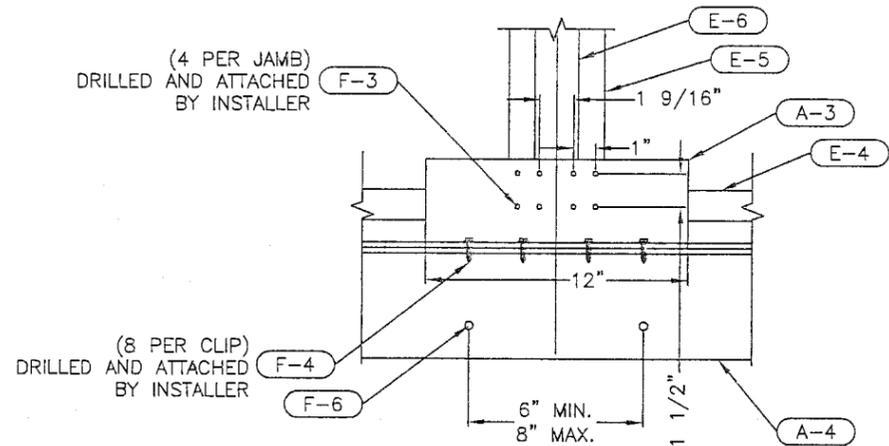


REAR INTERMEDIATE JAMB ELEVATION  $\frac{3}{1-1/2"=1"} \frac{D3}{E1}$  CLIP ANGLE ATTACHMENT @ INTERMEDIATE LOCATION

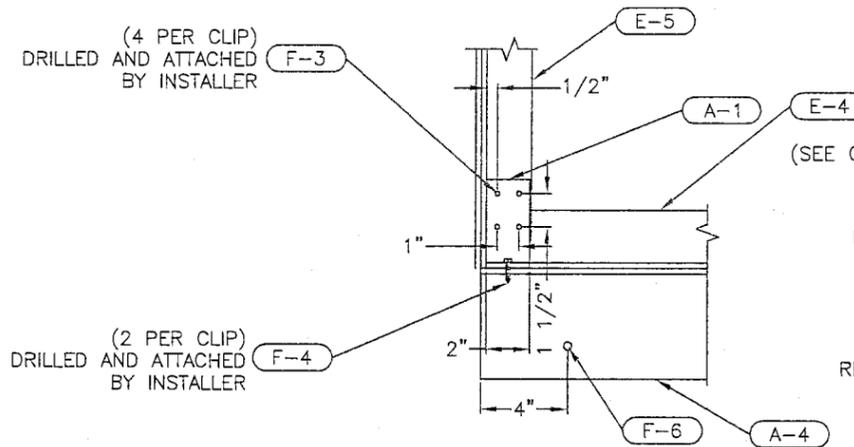
OPPOSITE CORNER MIRRORED HOLE PATTERN

DETAILS FOR STEEL CONDITION

DETAILS FOR CONCRETE / REINFORCED BLOCK CONDITION

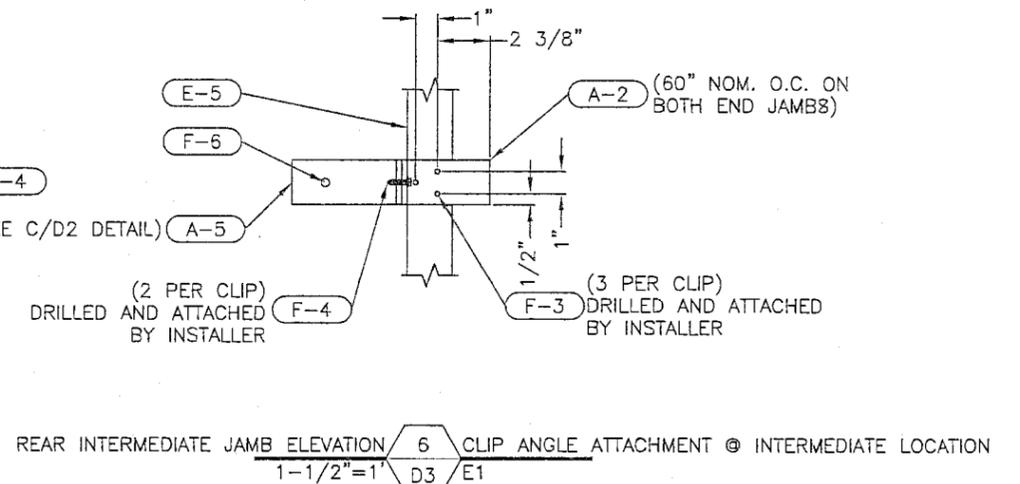


REAR MULLION ELEVATION  $\frac{4}{1-1/2"=1"} \frac{D3}{E1}$  CLIP ANGLE ATTACHMENT @ MULLION (TYP)



REAR CORNER ELEVATION  $\frac{5}{1-1/2"=1"} \frac{D3}{E1}$  CLIP ANGLE ATTACHMENT @ CORNER (TYP)

OPPOSITE CORNER MIRRORED HOLE PATTERN



REAR INTERMEDIATE JAMB ELEVATION  $\frac{6}{1-1/2"=1"} \frac{D3}{E1}$  CLIP ANGLE ATTACHMENT @ INTERMEDIATE LOCATION

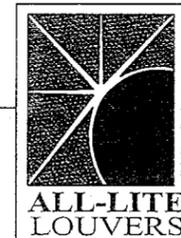
**RICE**  
**ENGINEERING**

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Registration No: 50923

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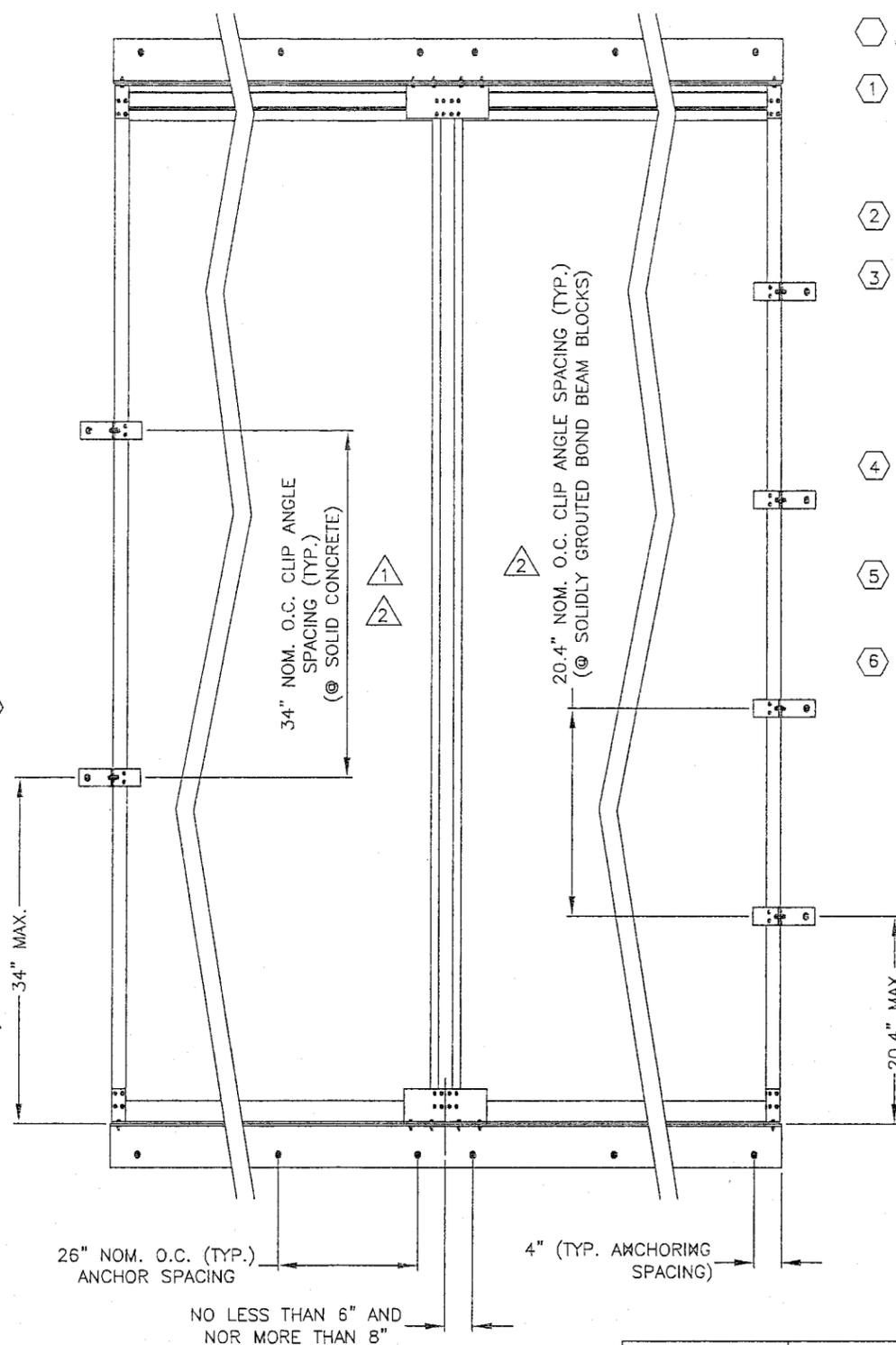
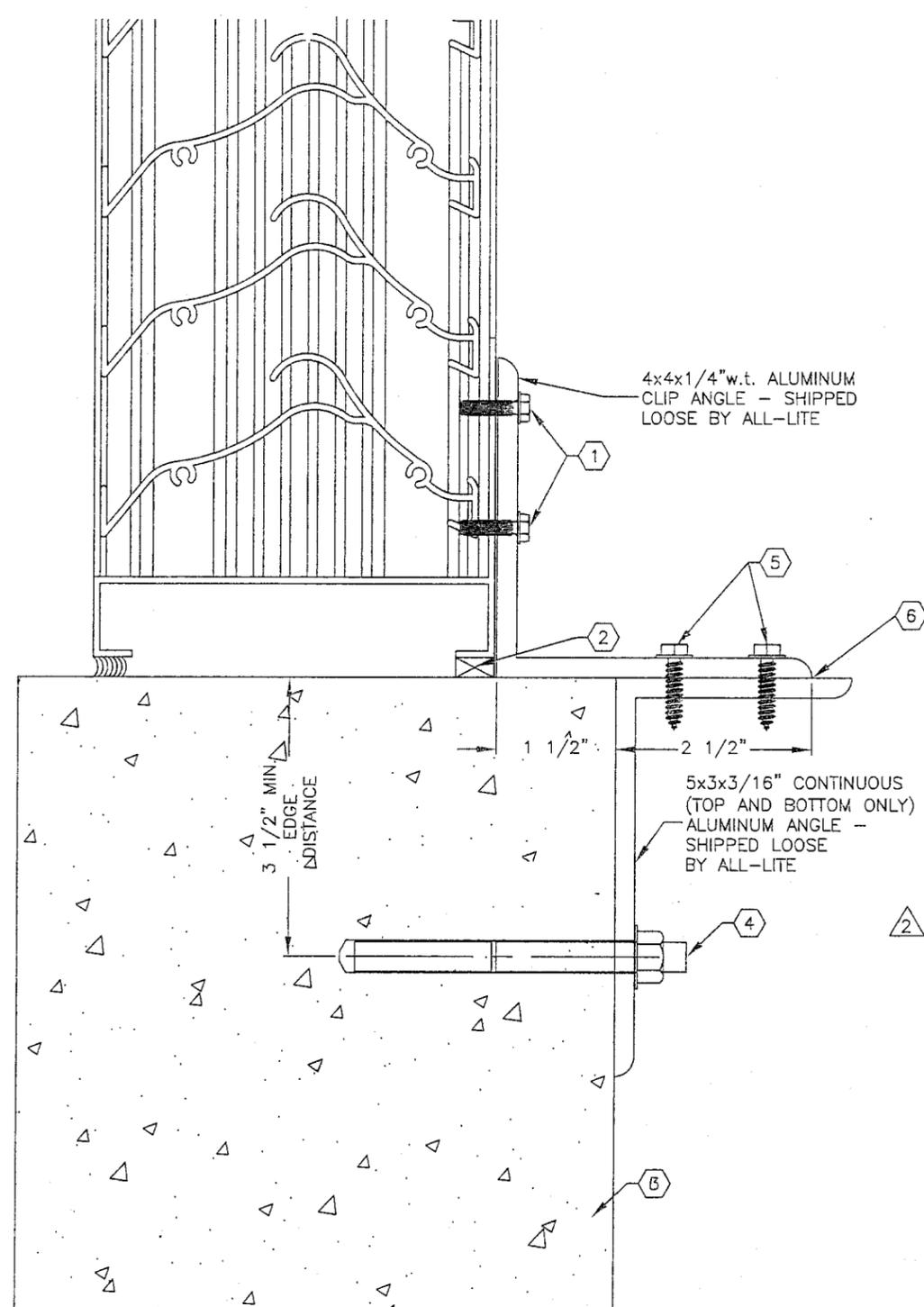


DRAWING DESC.: DETAILS / SECTIONS				
PROJECT: ECD-545-MD				
LOCATION:				
ARCHITECT:				
CUSTOMER:				
DATE: 8-8-06	DWN BY: DNICH	A.L.C. ORDER NO.	CUSTOMER P.O. NO.	DRAWING NO.
SCALE: NOTED	SHEET: 5 of 8			DC-D3

FILE:

REV. NO.	DESCRIPTION	DATE	DRAWN BY
2	CHANGED 48" O.C. TO 34" O.C. & ADDED NOTE 4	7/29/08	DNG
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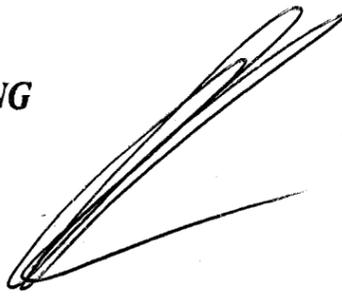
- CODED NOTES**
- ① F1 - FOUR (4) FASTENERS FROM CLIP ANGLE INTO EACH OF TWO FRAME MEMBERS - #12-24x1" LONG SELF TAPPING STAINLESS STEEL MACHINE SCREWS, F-POINT, BRIGHT HARDENED PASSIVATED AND WAXED, MADE IN USA. (SHIPPED LOOSE BY ALL-LITE).  $\phi 0.177$  / #16 DRILL BIT PILOT HOLE REQUIRED.
  - ② SHIM AS REQUIRED TO MAKE LOUVER LEVEL AND PLUMB - BY INSTALLER (TYP)
  - ③ THIS CONDITION MAY BE ONE OF THE FOLLOWING:
    - A: 8" SOLIDLY GROUTED BOND BEAM BLOCKS - REINFORCED (GROUT STRENGTH 2000 PSI)
    - B: SOLID CONCRETE (4000 PSI)
      - 1. PRE-CAST CONCRETE
      - 2. CAST-IN-PLACE CONCRETE
  - ④  $\phi 3/8$ " HILTI HIT HY 150 EPOXY INJECTION ADHESIVE ANCHOR WITH STAINLESS STEEL HAS ROD. 3-1/2" EMBEDMENT DEPTH. ANCHORS MUST BE 4" FROM EITHER END AND MAINTAIN A NOMINAL DISTANCE OF 26" O.C.
  - ⑤ FASTENERS FROM CLIP ANGLE INTO 5x3x3/16" ANCHOR CLIP - #12-24x1" LONG 410 STAINLESS STEEL SELF DRILLING TEK SCREWS.  $\phi 0.218$  / 7/32" DRILL BIT THRU HOLES.
  - ⑥ INSTALLER TO PROVIDE GASKET MATERIAL BETWEEN ALUMINUM AND STEEL CLIP ANGLES FOR SEPARATION OF DISSIMILAR MATERIALS, WHERE APPROPRIATE.

Approved as complying with the  
 Florida Building Code  
 Date: 10/09/2008  
 NOA# 08-10528.04  
 Miami Dade Product Control  
 Division  
 By: *[Signature]*

AUG 19 2008

**RICE**  
**ENGINEERING**  
 105 School Creek Trail  
 Luxemburg, WI 54217  
 Phone: 920.845.1042  
 Fax: 920.845.1048  
 www.rice-inc.com

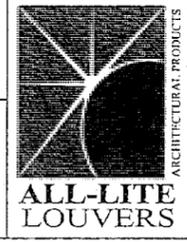
Florida Firm No: F-0100005061  
 Certificate of Authorization: #9090  
 L. David Rice  
 Registration No: 50923



REV. NO.	DESCRIPTION	DATE	DRAWN BY
2	CHANGED 48" O.C. TO 34" O.C. & ADDED NOTE 4	7/29/08	DNG
1	CHANGED 60" O.C. TO 48" O.C.	01/09/08	DNG

FILE:

5101 BLUE MOUND ROAD  
 FORT WORTH, TEXAS 76106  
 E-mail: all-lite@alllite-louvers.com  
 Web Address: www.alllite-louvers.com  
 Phone: 817-831-7038 Fax: 817-831-3110



DRAWING DESC.: DETAILS / SECTIONS			
PROJECT: ECD-545-MD			
LOCATION:			
ARCHITECT:			
CUSTOMER:			
DATE: 8-8-06	DWN BY: DNICH	A.L.C. ORDER NO.	CUSTOMER P.O. NO.
SCALE: NOTED	SHEET: 6 of 8		DRAWING NO. DC-D4

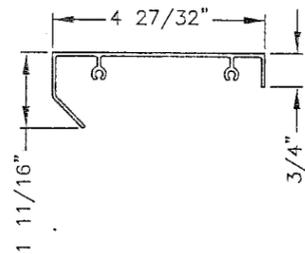
# RICE ENGINEERING

105 School Creek Trail  
Luxemburg, WI 54217  
Phone: 920.845.1042  
Fax: 920.845.1048  
www.rice-inc.com

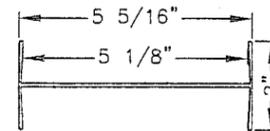
Florida Firm No: F-0100005061  
Certificate of Authorization: #9090  
L. David Rice  
Registration No: 50923

AUG 19 2008

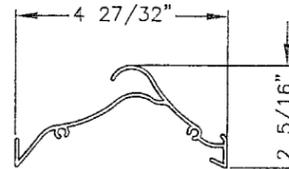
PART #: E-1  
PART NAME: HEAD  
MATERIAL: 0.081" THICK 6063-T5 EXTRUDED ALUMINUM  
SCALE: 3"=1'



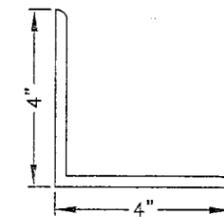
PART #: E-6  
PART NAME: I-MULLION SEAM COVER  
MATERIAL: 0.078" THICK 6063-T5 EXTRUDED ALUMINUM  
SCALE: 3"=1'



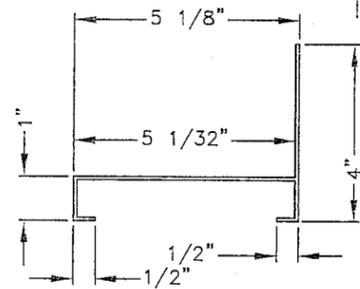
PART #: E-3  
PART NAME: BLADE  
MATERIAL: 0.081" THICK 6063-T5 EXTRUDED ALUMINUM  
SCALE: 3"=1'



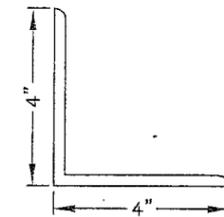
PART #: A-1, A-2  
PART NAME: CLIP ANGLE - @ TOP CORNER, BOTTOM CORNER, & INTERMEDIATE OF JAMB  
MATERIAL: 0.25" THICK 6063-T5 EXTRUDED ALUMINUM (2" LONG)  
SCALE: 3"=1'



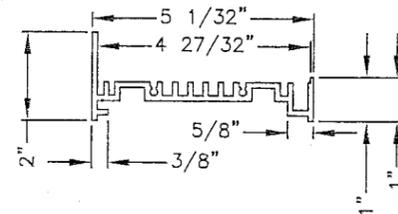
PART #: E-4  
PART NAME: SILL  
MATERIAL: 0.081" THICK 6063-T5 EXTRUDED ALUMINUM  
SCALE: 3"=1'



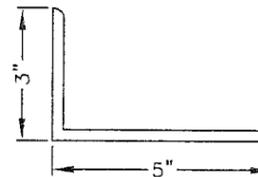
PART #: A-3  
PART NAME: CLIP ANGLE - @ TOP & BOTTOM OF JAMB MULLION CONNECTION  
MATERIAL: 0.25" THICK 6063-T5 EXTRUDED ALUMINUM (12" LONG)  
SCALE: 3"=1'



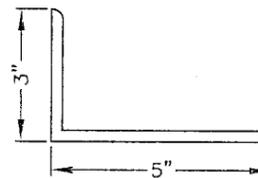
PART #: E-5  
PART NAME: JAMB  
MATERIAL: 0.125" THICK 6063-T5 EXTRUDED ALUMINUM  
SCALE: 3"=1'



PART #: A-4  
PART NAME: CONTINUOUS ANGLE  
MATERIAL: 0.1875" THICK 6063-T5 EXTRUDED ALUMINUM  
SCALE: 3"=1'



PART #: A-5  
PART NAME: INTERMEDIATE JAMB CONDITION CLIP ANGLE  
MATERIAL: 0.1875" THICK 6063-T5 EXTRUDED ALUMINUM (2" LONG)  
SCALE: 3"=1'

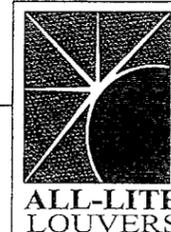


Approved as complying with the  
Florida Building Code  
Date 10/07/2009  
NOA# 08-0520-04  
Miami Data Product Control  
Division  
By *[Signature]*

FILE:

REV. NO.	DESCRIPTION	DATE	DRAWN BY
2	CHANGED 48" O.C. TO 34" O.C. & ADDED NOTE 4	7/29/08	DNG
1	CHANGED 60" O.C. TO 48" O.C.	01/09/08	

5101 BLUE MOUND ROAD  
FORT WORTH, TEXAS 76106  
E-mail: all-lite@allite-louvers.com  
Web Address: www.allite-louvers.com  
Phone: 817-831-7038 Fax: 817-831-3110



DRAWING DESC.: DETAILS / SECTIONS				
PROJECT: ECD-545-MD				
LOCATION:				
ARCHITECT:				
CUSTOMER:				
DATE: 8-8-06	DWN BY: DNICH	A.L.C. ORDER NO.	CUSTOMER P.O. NO.	DRAWING NO.
SCALE: NOTED	SHEET: 7 of 8			DC-D5

PARTS KEY

FASTENERS / ANCHORS

F-2	#10-24x3/4" LONG, 410 S.S., "F" POINT THREAD-CUTTING MACHINE SCREW, BRIGHT HARDENED, PASSIVATED AND WAXED, MADE IN U.S.A.
F-3	#12-24x1" LONG, 410 S.S., "F" POINT THREAD-CUTTING MACHINE SCREW, BRIGHT HARDENED, PASSIVATED AND WAXED, MADE IN U.S.A.
F-4	#12-24x1" LONG, 410 S.S., SELF-DRILLING TEK MACHINE SCREW
F-6	ø3/8"x3 3/8" LONG HILTI HIT HY 150 EPOXY INJECTED ADHESIVE ANCHOR W/ 5 1/8" LONG S.S. HAS ROD, EMBEDMENT DEPTH OF 3 1/2"

ANGLES

A-1	4"x4"x2"x1/4" w.t. 6063-T5 EXTRUDED ALUMINUM ANGLE @ TOP AND BOTTOM CORNERS
A-2	4"x4"x2"x1/4" w.t. 6063-T5 EXTRUDED ALUMINUM ANGLE @ INTERMEDIATE OF OUTER MOST JAMBS
A-3	4"x4"x12"x1/4" w.t. 6063-T5 EXTRUDED ALUMINUM ANGLE @ TOP AND BOTTOM OF MULLION CONNECTIONS
A-4	5"x3"x3/16" w.t. 6063-T5 EXTRUDED ALUMINUM CONTINUOUS ANGLE
A-5	5"x3"x3/16" w.t. x2" LONG 6063-T5 EXTRUDED ALUMINUM ANGLE

EXTRUDED FRAME

E-1	HEAD FRAME, 0.081" THICK, 6063-T5 EXTRUDED ALUMINUM
E-2	DRIP, 0.081" THICK, 6063-T5 EXTRUDED ALUMINUM
E-3	BLADE, 0.081" THICK, 6063-T5 EXTRUDED ALUMINUM
E-4	SILL FRAME, 0.081" THICK, 6063-T5 EXTRUDED ALUMINUM
E-5	JAMB FRAME, 0.125" THICK, 6063-T5 EXTRUDED ALUMINUM
E-6	I-MULLION SEAM COVER, 0.078" THICK, 6063-T5 EXTRUDED ALUMINUM

INSTALLATION NOTES

I-1	SEALANT AND BACKER ROD PROVIDED BY INSTALLER (TYP)
I-2	SHIM AS REQ'D TO MAKE LEVEL AND PLUMB, PROVIDED BY INSTALLER (TYP)

Approved as complying with the Florida Building Code  
 Date: 10/09/2008  
 Name: DB-0528.04  
 Division: Division  
 By: *[Signature]*

AUG 19 2008

**RICE**  
**ENGINEERING**  
 105 School Creek Trail  
 Luxemburg, WI 54217  
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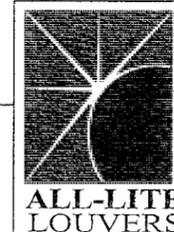
Florida Firm No: F-01000005061  
 Certificate of Authorization #9090  
 L. David Rice  
 Registration No. 50923

*[Signature]*

FILE:

2	CHANGED 48" O.C. TO 34" O.C. & ADDED NOTE 4	7/29/08	DNG
1	CHANGED 60" O.C. TO 48" O.C.	01/09/08	DNG
REV. NO.	DESCRIPTION	DATE	DRAWN BY

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DRAWING DESC.: PARTS KEY			
PROJECT: ECD-545-MD			
LOCATION:			
ARCHITECT:			
CUSTOMER:			
DATE: 8-8-06	DWN BY: DNICH	A.L.C. ORDER NO.	CUSTOMER P.O. NO.
SCALE: NONE	SHEET: 8 of 8		DRAWING NO. DC-D6