



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

**NOTICE OF ACCEPTANCE (NOA)**

**Carnes Company, Inc.**  
448 South Main Street  
Verona, WI 53593

**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 FRVB/FSVB Aluminum Louver**

**APPROVAL DOCUMENT:** Drawing No.07-267, titled "Carnes Model FRVB", sheets 1 through 7 of 7, dated 10/17/07, with no revision, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit Jr., P.E., 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 or MDCPCA", 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, evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



*[Handwritten Signature]*  
10/24/07

NOA No: 07-0524.02  
Expiration Date: August 18, 2010  
Approval Date: November 15, 2007  
Page 1

Carnes Company, Inc.

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **07-267**, titled "Carnes Model FRVB", sheets 1 through 7 of 7, dated 10/17/07, with no revision, prepared by Tilteco, Inc., signed and sealed by W. A. Tillit Jr. P.E.

**B. TESTS**

1. Test report on Large Missile Impact Test per TAS 201-94, Cyclic Wind Pressure Test per TAS 203-94 and Uniform Static Air Pressure Test per TAS 202-94 on "144"x96" Aluminum Louver System with damper, prepared by American Test Lab of South Florida, Report # **0203.01-05**, dated 03/10/05, signed and sealed by W. R. Mehner, P.E. & H. Hattem, P.E.
2. Test Report on Wind Driven Rain Resistance per TAS A 95 on VV-10-D Aluminum Louver with CD151 Parallel Blade Damper, prepared by PRI Asphalt Technologies, Inc., Report # PRI05014, dated 02/08/05, signed and sealed by C. L. Thomas, P.E.
3. Test report of Tensile Test per ASTM E-8 of 6 samples 0203.01-05 Spec AL, BL, CL, AD, BD and CD, signed and sealed by F. E. Grate, P.E.

**C. CALCULATIONS**

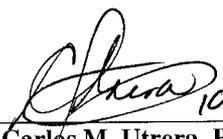
1. Structural calculations for anchoring method of louver assembly, prepared by Tilteco, Inc., sheets 1 through 3, signed and sealed by W. A. Tillit Jr., P.E on 02/28/05.

**D. MATERIAL CERTIFICATIONS**

1. None

**E. STATEMENTS**

1. No financial interest letter issued by Tilteco, Inc., dated 02/28/05, signed and sealed by W. A. Tillit Jr., P.E.
2. Code compliance letter issued by Tilteco, Inc., on 02/28/05, signed and sealed by W. A. Tillit Jr., P.E.

  
\_\_\_\_\_  
Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No 07-0524.02  
Expiration Date: August 18, 2010  
Approval Date: November 15, 2007

**GENERAL NOTES:**

1.) ALUMINUM LOUVER SYSTEM W/ OR W/O DAMPER SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2004 EDITION OF THE FLORIDA BUILDING CODE.  
 THIS ALUMINUM LOUVER SYSTEM W/ OR W/O DAMPER MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES.  
 DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE.  
 ALUMINUM LOUVER SYSTEM W/ OR W/O DAMPER'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1609.1.4 OF THE ABOVE MENTIONED CODE AS PER AMERICAN TESTING LAB REPORT #0203.01-05, AS PER TAS-201, TAS-202, TAS-203, & PRI TECHNOLOGIES LAB REPORT #UEC-001-02-01, PER TAS-100A (WIND DRIVEN RAIN)

DESIGN PRESSURE RATING:  
 +150, -150 psf.

2.) ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T5 ALLOY W/ MIN. SPECIFIC YIELD STRENGTHS AS SHOWN ON SHEET 2.

3.) ALL SCREWS TO BE STAINLESS STEEL 304 OR 316 SERIES WITH 50 ksi YIELD POINT AND 90 ksi TENSILE STRENGTH OR CORROSION RESISTANT CARBON STEEL AS PER DIN 50018.

4.) ALL WELDING OF ALUMINUM FRAMING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY A.W.S. D.1.2 2004 EDITION REGULATIONS. USE CERTIFIED WELDERS. USE ER-5356 ELECTRODES.

5.) ANCHORS TO EXISTING STRUCTURE SHALL BE AS FOLLOWS:

(A) ANCHORS SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER.

10.) IT SHALL BE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE SOUNDNESS OF THE STRUCTURE WHERE LOUVER SYSTEM IS TO BE ATTACHED TO INSURE PROPER ANCHORAGE.

11.) (a) THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC PROJECT; i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.A.D.

(b) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS P.A.D., PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.  
 CONSTRUCTION SAFETY AT SITE IS THE CONTRACTOR'S RESPONSIBILITY.

(c) THIS PRODUCT APPROVAL DOCUMENT WILL BE CONSIDERED INVALID IF MODIFIED.

(D) SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.A.D.

(E) THIS P.A.D. SHALL COMPLY WITH SECTION 2: 61G15 OF THE FLORIDA ADMINISTRATIVE CODE.

12.) PRIVATE LABELER'S LABEL SHALL BE PLACED ON A READILY VISIBLE LOCATION. ONE LABEL SHALL BE PLACED FOR EVERY OPENING AND SHALL READ AS FOLLOWS:  
 CARNES COMPANY.  
 VERONA, WI  
 MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

ANCHOR TYPE	MANUFACTURER	DIAMETER OR GAGE	MIN. EMBEDMENT				MIN. EDGE DISTANCE (E.D)		
			TO CONCRETE (f'c=3320 psi) MIN.	TO CONCRETE BLOCK (C-90 UNIT)	TO 1/8" MIN. STEEL Fy=33 ksi (MIN.)	TO WOOD (G ≥ 0.55)	CONCRETE OR CONCRETE BLOCK	STEEL	WOOD
TAPCONS	ELCO TEXTRON	1/4"	1-3/4"	1-1/4"	N/A	N/A	3"	N/A	N/A
TEK SCREWS	ITW/ BUILDEX	#14	N/A	N/A	3/4"	N/A	N/A	1"	N/A
TAPCONS	ITW/ BUILDEX	1/4"	N/A	N/A	N/A	1 1/2"	N/A	N/A	2"

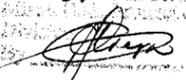
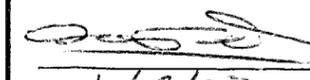
6.) LOUVER SYSTEM W/O DAMPER SHALL ONLY BE INSTALLED IN A LOCATION WHERE THE ROOM BEHIND THE LOUVER IS DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM, AND THE ROOM WILL HOUSE WATER RESISTANT/WATER PROOF EQUIPMENT, COMPONENTS, OR SUPPLIES.

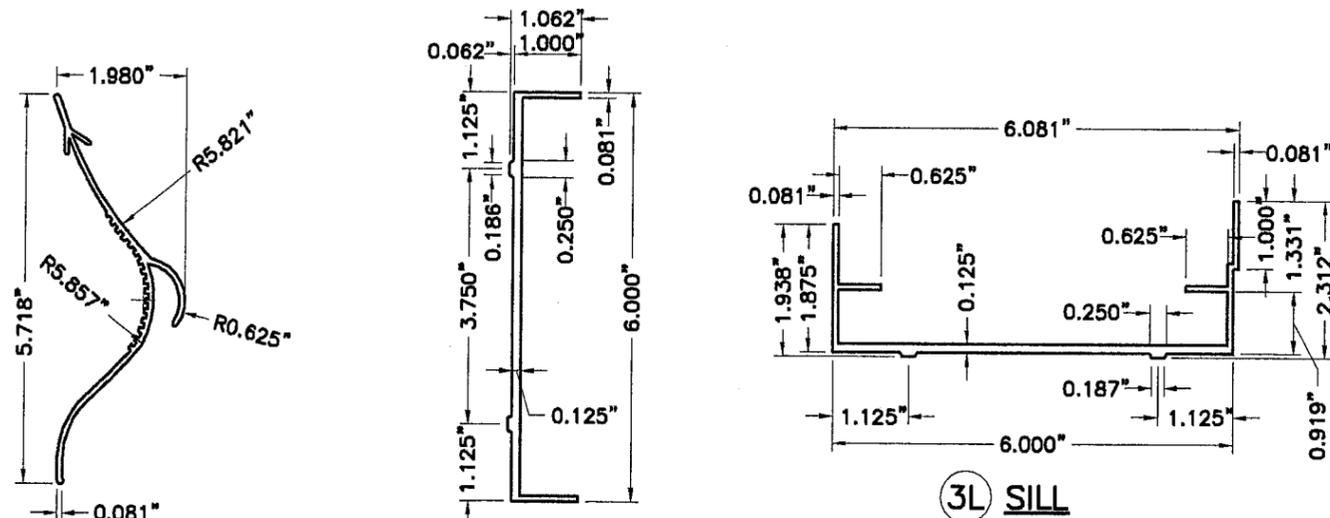
7.) LOUVER SYSTEM W/DAMPER MAY BE INSTALLED IN LOCATIONS WHERE THE ROOM BEHIND THE LOUVER IS NOT DESIGNED TO DRAIN WATER PENETRATING INTO THE ROOM, OR THE ROOM WILL HOUSE NON-WATER RESISTANT EQUIPMENT, COMPONENTS, OR SUPPLIES. INSTALLATION ON LOUVER W/ DAMPER IS LIMITED TO 40 FT IN HEIGHT ACCORDING TO TABLE 3 OF TAS 100(A)-95.

8.) CD-151 DAMPER IS AN OPERABLE ASSEMBLY. IT MAY BE OPERATED BY MEANS OF A HAND QUADRANT HANDLE MECHANISM (AS SHOWN ON SHEET 7) OR THROUGH AN ELECTRICAL OR PNEUMATIC ACTUATOR. DAMPER'S OPERATIVE MECHANISM IS NOT PART OF THIS APPROVAL, BUT SHALL BE CERTIFIED BY AN INDEPENDENT TESTING AGENCY.

9. ALL ALUMINUM IN CONTACT W/DISSIMILAR MATERIALS MUST BE PAINTED PER SECTIONS 2003.8.4.2, 2003.8.4.4, 2003.8.4.5 AND 2003.8.4.6 OF THE FLORIDA BUILDING CODE AS APPLICABLE.

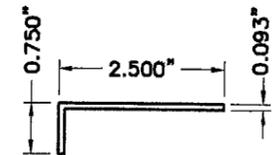
F.B.C. (High Velocity Hurricane Zone)

<p>11/15/2007 07-0524.02</p>  <p>MIAMI-DADE COUNTY</p>	 <p>10/18/07</p> <p>P.E. SEAL/SIGNATURE/DATE</p>	 <p><b>TILECO Inc.</b>          TILLIT TESTING &amp; ENGINEERING COMPANY          6355 N.W. 36th, St., Ste. 308, VIRGINIA GARDENS, FL 33166          Phone: (305)871-1530 Fax: (305)871-1531          EB-0006719          WALTER A. TILLIT Jr. P. E.          FLORIDA Lic. # 44167</p>	<p><b>CARNES MODEL FRVB.</b>          UNITED ENERTECH, INC. VV-10-D ALUMINUM LOUVER W/ OR W/O CD-151 DAMPER ASSEMBLY</p> <p><b>CARNES COMPANY</b>          448 S. MAIN STREET          VERONA, WI 53593          PH: (608) 845-8411 FAX: (608) 845-6470</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> <tr> <td>1</td> <td>-</td> <td>-</td> <td>3</td> <td>-</td> <td>-</td> </tr> <tr> <td>2</td> <td>-</td> <td>-</td> <td>4</td> <td>-</td> <td>-</td> </tr> </table>	REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	1	-	-	3	-	-	2	-	-	4	-	-
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			10/17/07 DATE																		
			07-267 DRAWING No																		
			SHEET 1 OF 7																		



1L VERTICAL BLADE

MATERIAL:  
(6063-T5 ALUMINUM ALLOY)  
Fy(MIN.)=31.6 ksi

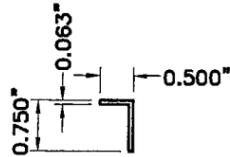


4L 1ST BLADE BLANK-OFF

MATERIAL:  
FORMED ALUMINUM  
(6063-T5 ALUMINUM ALLOY)

2L JAMB & HEAD

MATERIAL:  
(6063-T5 ALUMINUM ALLOY)  
Fy(MIN.)=25.3

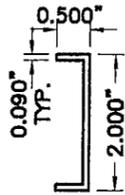


5L BLADE'S SPACER

MATERIAL:  
(6063-T5 ALUMINUM ALLOY)

3L SILL

MATERIAL:  
(6063-T5 ALUMINUM ALLOY)  
Fy(MIN.)=32.7 ksi

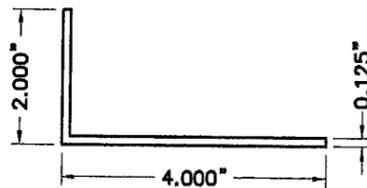


6L ALUM. CHANNEL

MATERIAL:  
FORMED ALUMINUM  
(6063-T5 ALUMINUM ALLOY)

7L BLANK-OFF PANEL

3 3/4" X .093" CONT ALUM. PLATE  
(6063-T5 ALUMINUM ALLOY)

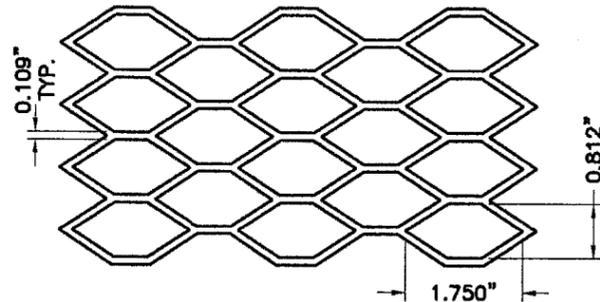


10L TOP & BOTTOM ALUM. ANGLE

MATERIAL:  
(6063-T5 ALUMINUM ALLOY)

8L BLANK-OFF PANEL

3 1/8" X .093" CONT ALUM. PLATE  
(6063-T5 ALUMINUM ALLOY)



11L REAR MESH

MATERIAL:  
NOMINAL 3/4"x0.050" THICK (0.17 lb/SQ. Ft)  
(3003-H14 ALUMINUM ALLOY)

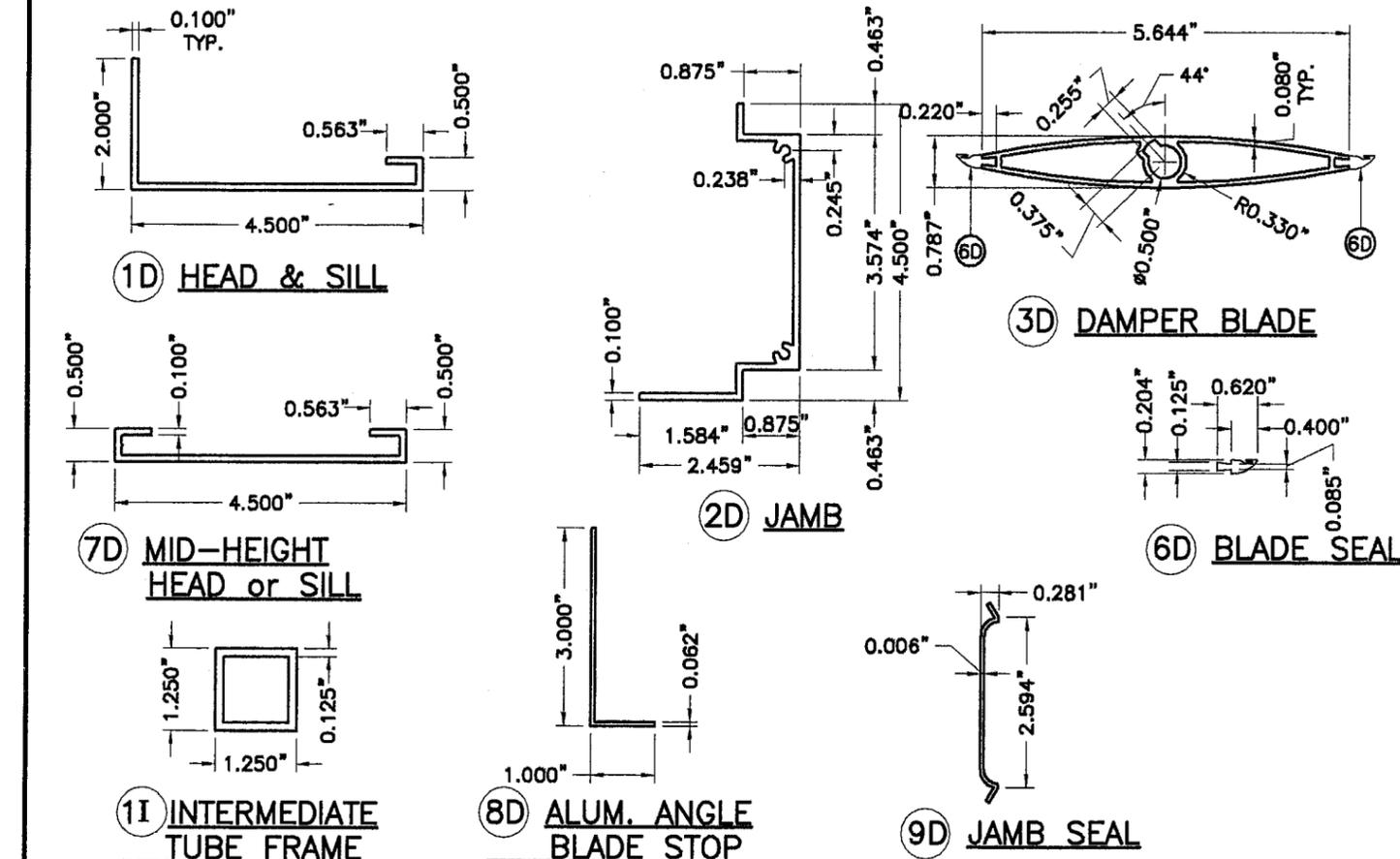
9L COVER STRIP

2" X 1/8" X 92" MAX. ALUM. PLATE  
(6063-T5 ALUMINUM ALLOY)

FRVB LOUVER COMPONENTS

Approved as complying with the Florida Building Code  
Date 11/15/2007  
NOA# 07-6524.02  
Miami Dade Product Control  
Division  
By *[Signature]*

MIAMI-DADE COUNTY



1D HEAD & SILL

7D MID-HEIGHT HEAD or SILL

1I INTERMEDIATE TUBE FRAME

2D JAMB

8D ALUM. ANGLE BLADE STOP

3D DAMPER BLADE

6D BLADE SEAL

9D JAMB SEAL

CD-151 DAMPER AND INTERMEDIATE TUBE FRAME COMPONENTS (EXCLUDES COMPONENTS FOR OPERATIVE MECHANISM, SEE NOTE 8/1)

BILL OF MATERIALS

ITEM	DESCRIPTION	MATERIAL	SIZE	REMARKS
1D	EXTRUDED ALUM HEAD & SILL	6063-T5 ALUMINUM ALLOY	SEE DETAIL	Fy(MIN.)=33.4 ksi
2D	EXTRUDED ALUM JAMB	6063-T5 ALUMINUM ALLOY	SEE DETAIL	Fy(MIN.)=31.6 ksi
3D	EXTRUDED ALUM DAMPER BLADE	6063-T5 ALUMINUM ALLOY	SEE DETAIL	Fy(MIN.)=31.8 ksi
4D	BUSHING	BRONZE	1/2" I.D.(5/8" O.D.)x1/4"	0.059" THICK @ WASHER SIDE
5D	AXLE PIN	ZAMAC No. 3 ZINC	1/2"x3 1/8"	WITH NYLON WASHER & LOCK RING
6D	BLADE SEAL	SILICONE	SEE DETAIL	ASTM D-2000, 60-65 DUROMETER
7D	MID-HEIGHT EXTRUDED ALUM. HEAD or SILL	6063-T5 ALUMINUM ALLOY	SEE DETAIL	Fy(MIN.)=29.8 ksi
8D	ALUM. ANGLE BLADE STOP	6063-T5 ALUMINUM ALLOY	SEE DETAIL	WITH VINYL WEATHER STRIP AT END OF 3" LEG
9D	JAMB SEAL	STAINLESS STEEL 316 SERIES	SEE DETAIL	ATTACHED TO 2D W/(3) DOUBLE SIDED (1"x1/8") TAPES
10D	S.D.S. TEK SCREW	ZINC PLATED	#8 X 1/2"	FASTEN TO 6D @ 12" O.C., 2 1/2" FROM ENDS
11	INTERMEDIATE TUBE FRAME	6063-T5 ALUMINUM ALLOY	SEE DETAIL THIS SHEET AND SHEET 5.	Fy(MIN.)=31.9 ksi INSTALL BETWEEN DAMPER & LOUVER FRAME.

F.B.C. (High Velocity Hurricane Zone)

CARNES MODEL FRVB.

UNITED ENERTECH, INC. VV-10-D ALUMINUM LOUVER W/ OR W/O CD-151 DAMPER ASSEMBLY

CARNES COMPANY

448 S. MAIN STREET  
VERONA, WI 53593  
PH: (608) 845-6411 FAX: (608) 845-8470

DRAWN BY:

I.A

10/17/07

DATE

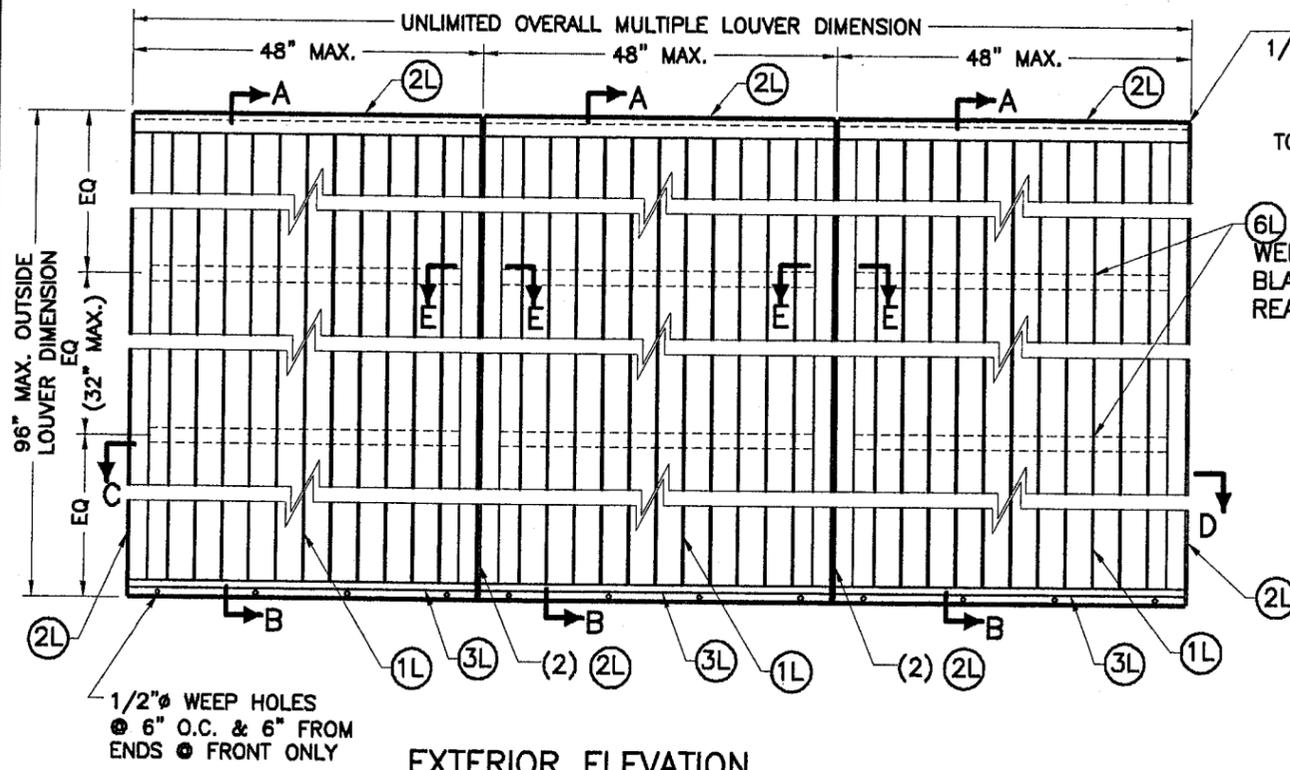
07-267

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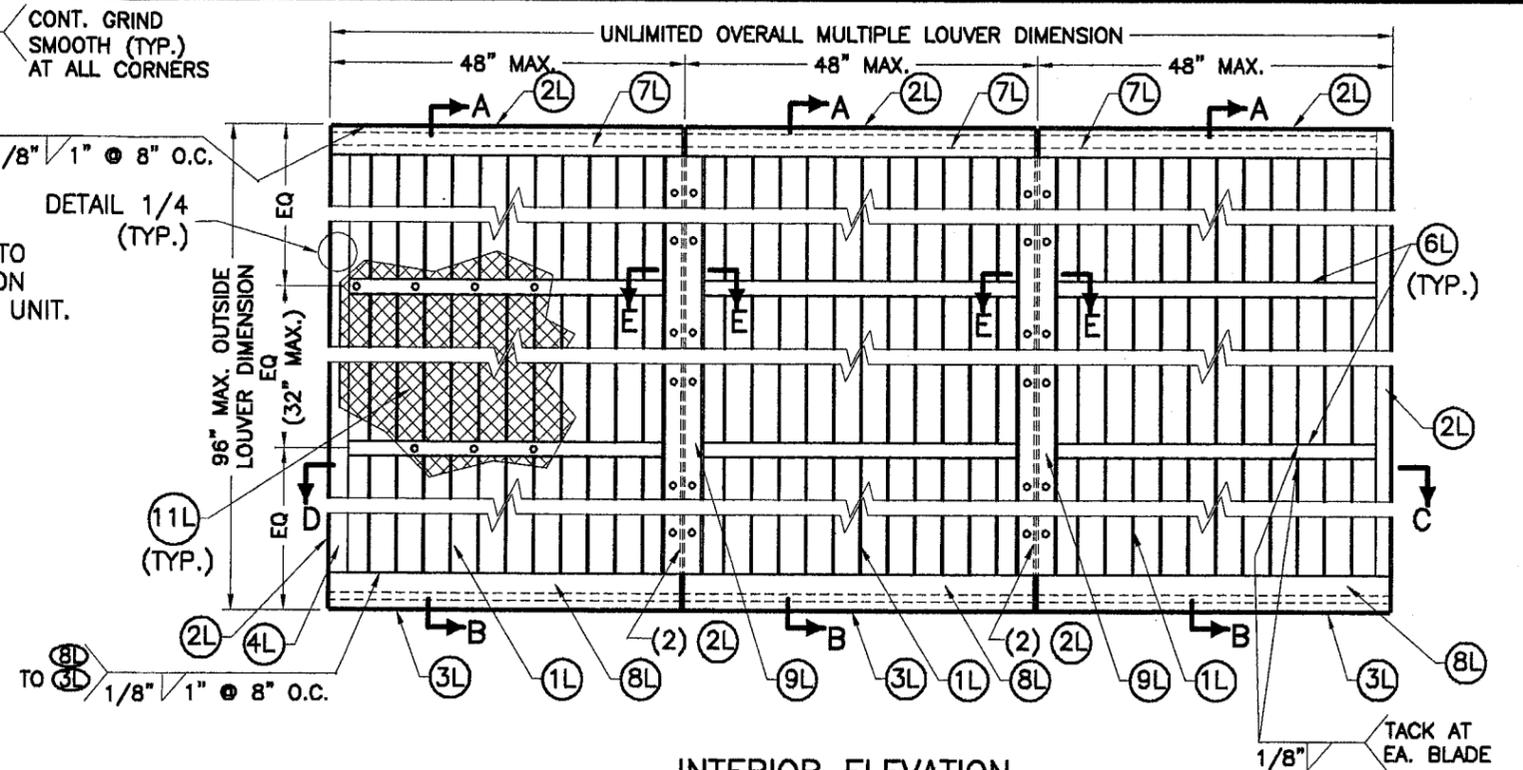
SHEET 2 OF 7

**TILECO inc.**  
TILLIT TESTING & ENGINEERING COMPANY  
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166  
Phone: (305)871-1530 Fax: (305)871-1531  
EB-0006719  
WALTER A. TILLIT Jr. P. E.  
FLORIDA Lic. # 44167

*[Signature]*  
10/18/07  
P.E. SEAL/SIGNATURE/DATE



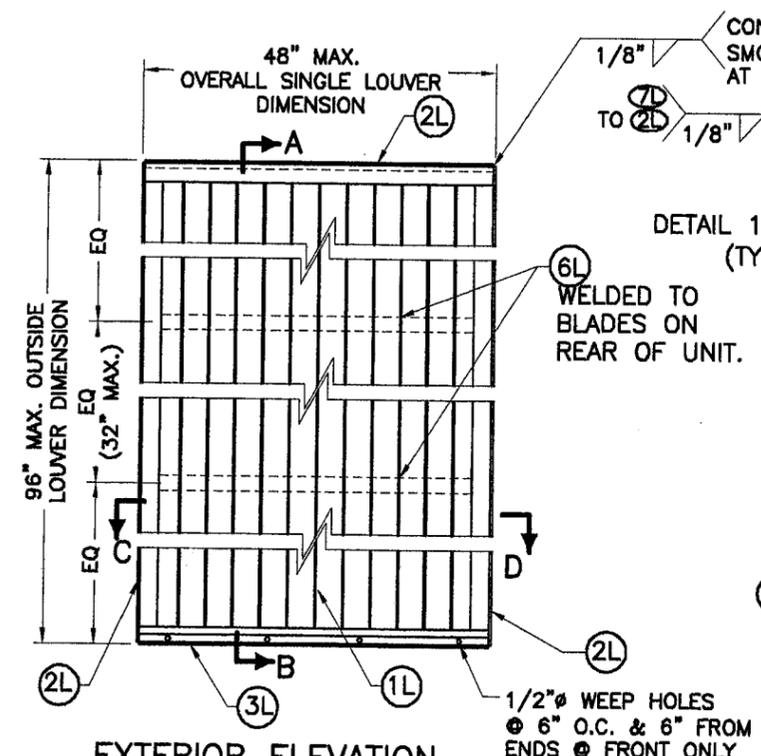
**EXTERIOR ELEVATION**  
SCALE: 1/2"=1'-0"



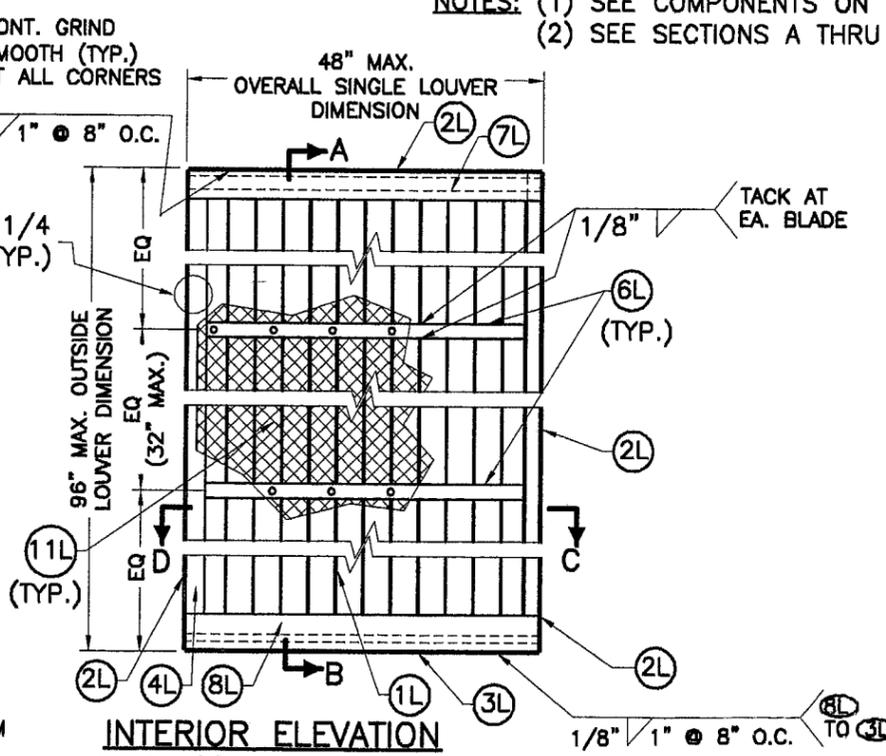
**INTERIOR ELEVATION**  
SCALE: 1/2"=1'-0"

**MULTIPLE FRVB LOUVER UNITS**

NOTES: (1) SEE COMPONENTS ON SHEET 2.  
(2) SEE SECTIONS A THRU D ON SHEET 4.



**EXTERIOR ELEVATION**  
SCALE: 1/2"=1'-0"



**INTERIOR ELEVATION**  
SCALE: 1/2"=1'-0"

**SINGLE FRVB LOUVER UNITS**

NOTES: (1) SEE COMPONENTS ON SHEET 2.  
(2) SEE SECTIONS A THRU D ON SHEET 4.

F.B.C. (High Velocity Hurricane Zone)

11/15/2007  
07-0524.02  
*[Signature]*  
MIAMI-DADE COUNTY

*[Signature]*  
10/12/07  
P.E. SEAL/SIGNATURE/DATE

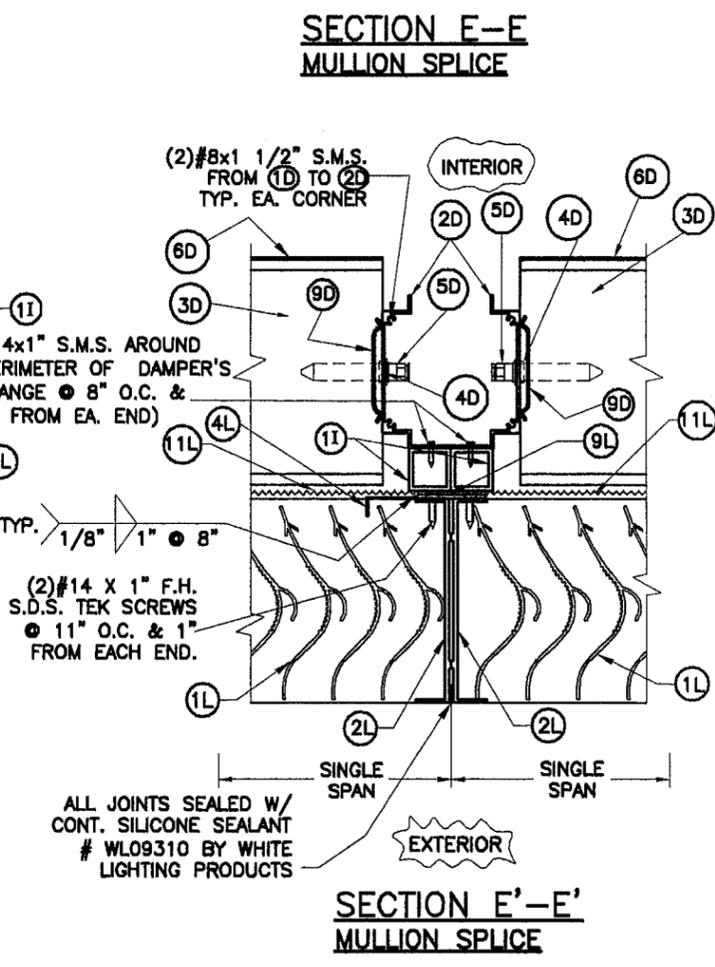
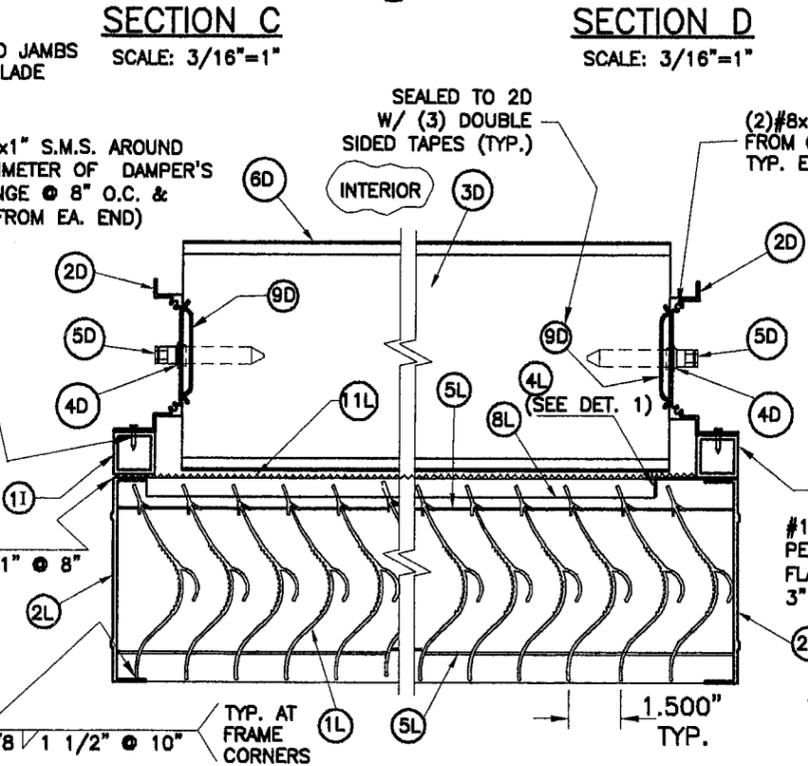
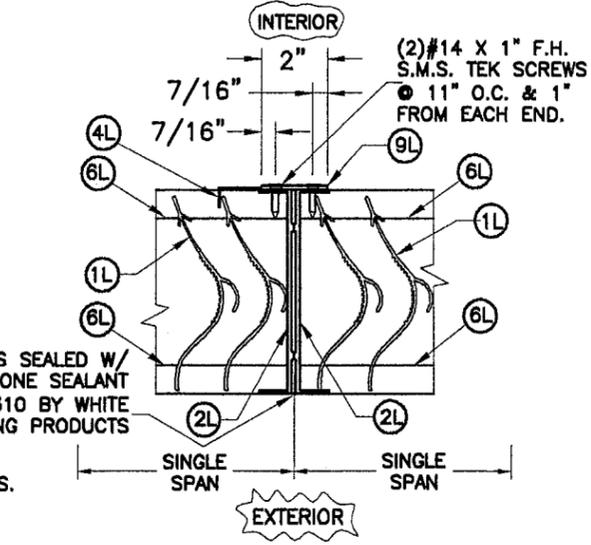
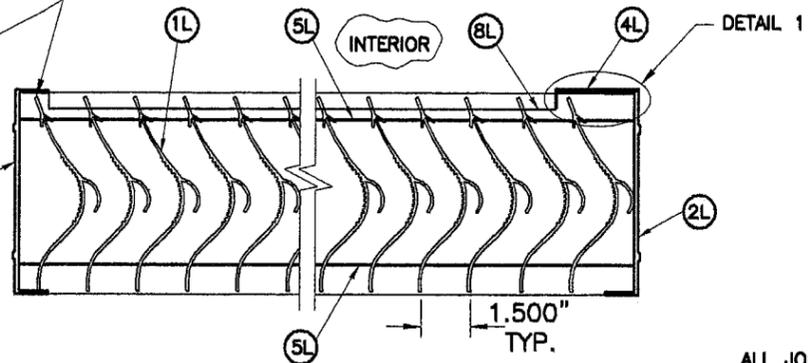
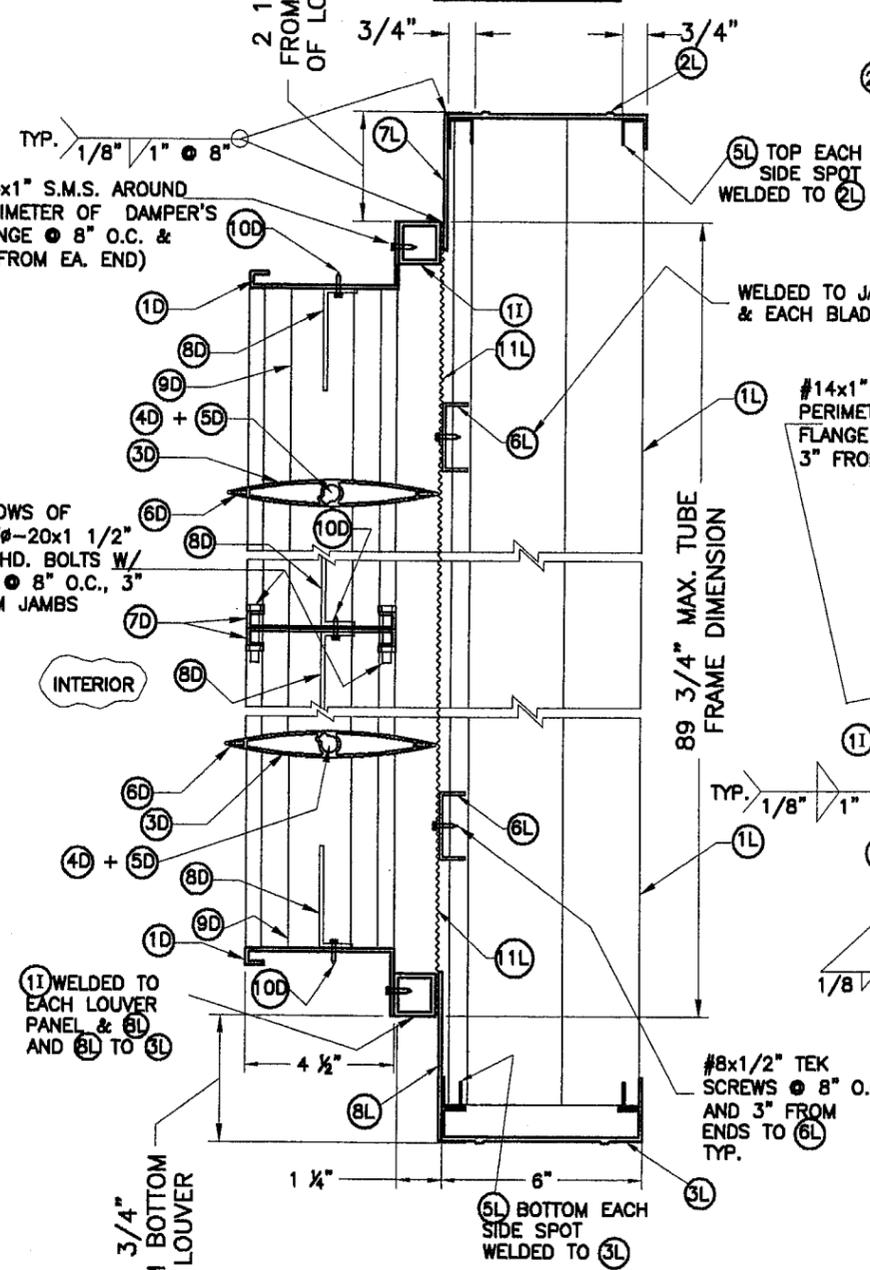
**TILECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
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CARNES MODEL FRVB.					
UNITED ENERTECH, INC. VV-10-D ALUMINUM LOUVER W/ OR W/O CD-151 DAMPER ASSEMBLY					
CARNES COMPANY					
448 S. MAIN STREET VERONA, WI 53593 PH: (608) 845-8411 FAX: (608) 845-8470					
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	-	-	3	-	-
2	-	-	4	-	-

DRAWN BY:  
I.A.  
10/17/07  
DATE  
07-267  
DRAWING No  
SHEET 3 OF 7

FIRST & LAST BLADE WELDED TO EACH JAMB W/ (7)1/16x1/2 LONG WELD AT 9" FROM ENDS AND 13" O.C

**SECTION A'**



F.B.C. (High Velocity Hurricane Zone)

**CARNES MODEL FRVB.**

UNITED ENERTECH, INC. W-10-D ALUMINUM LOUVER W/ OR W/O CD-151 DAMPER ASSEMBLY

**CARNES COMPANY**

448 S. MAIN STREET  
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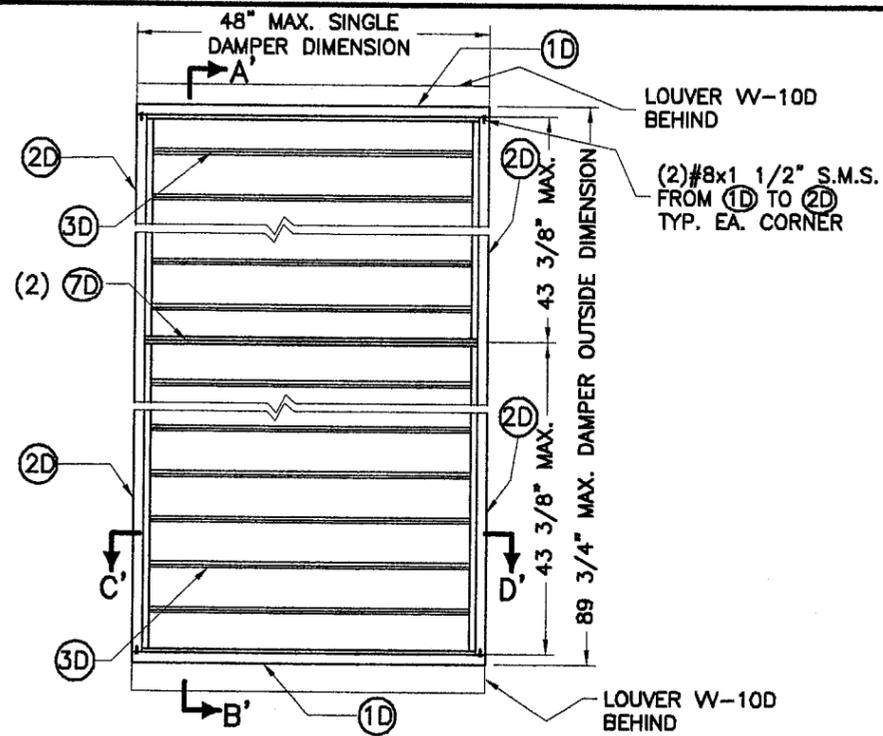
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
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2	-	-	4	-	-

DRAWN BY: I.A.  
10/17/07 DATE  
07-267 DRAWING No  
SHEET 4 OF 7

Approved for use on this project  
11/15/2007  
07-0524.02  
MIAMI-DADE COUNTY

P.E. SEAL/SIGNATURE/DATE  
10/18/07

**TILECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
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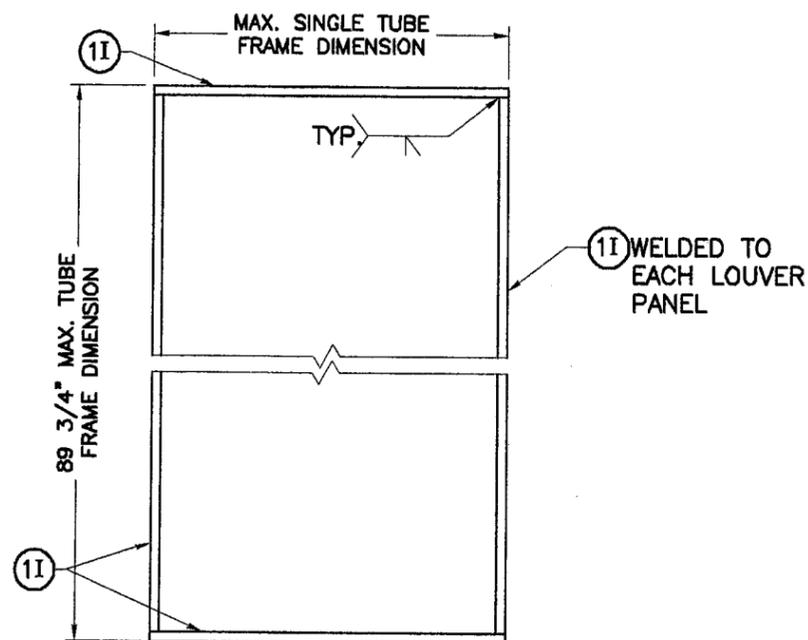


**INTERIOR ELEVATION**

**CD-151 DAMPER SINGLE UNITS**

SCALE: 1/2"=1'-0"

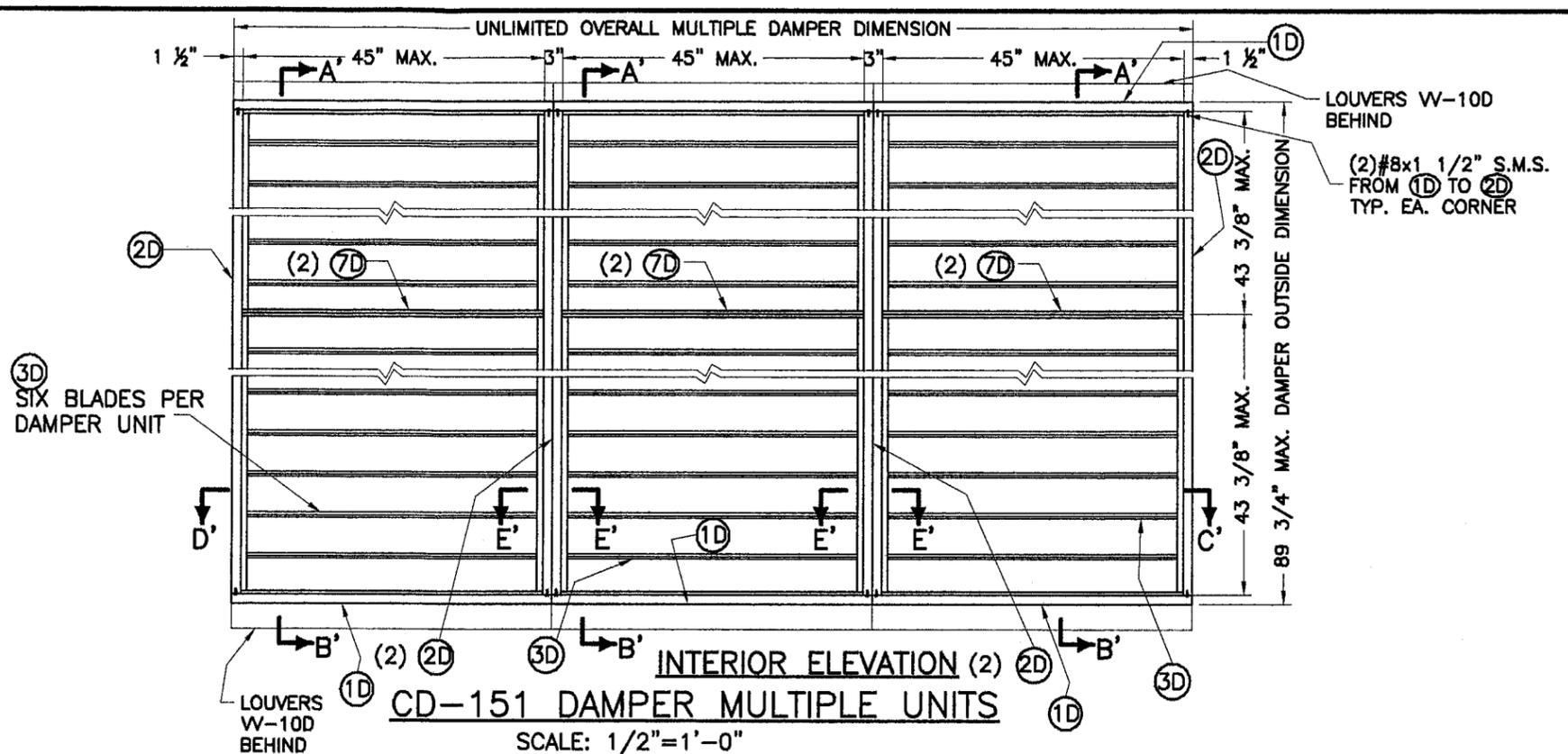
- (1) SEE COMPONENTS ON SHEET 2.
- (2) SEE SECTIONS A' THRU D' ON SHEET 4.



**ELEVATION**

**INTERMEDIATE TUBE FRAME FOR CD-151 DAMPER ATTACHMENT AT SINGLE UNITS**

SCALE: 1/2"=1'-0"

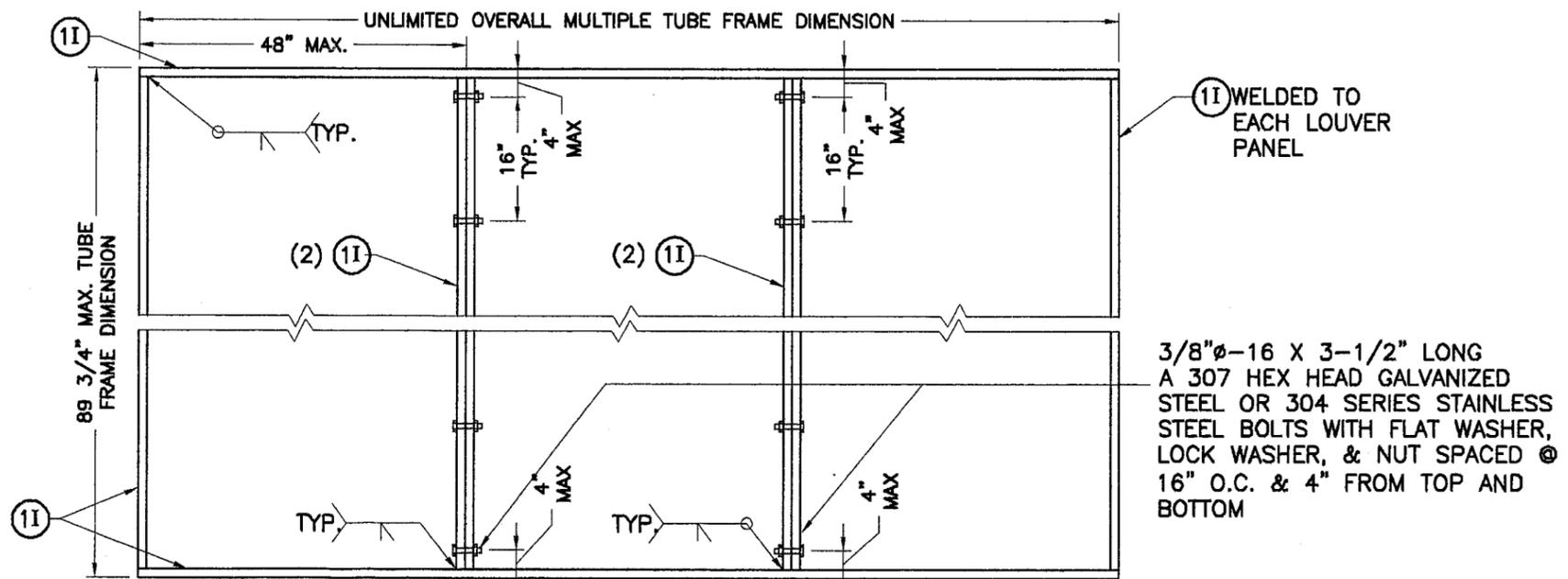


**INTERIOR ELEVATION**

**CD-151 DAMPER MULTIPLE UNITS**

SCALE: 1/2"=1'-0"

- (1) SEE COMPONENTS ON SHEET 2.
- (2) SEE SECTIONS A' THRU D' ON SHEET 4.



**ELEVATION**

**INTERMEDIATE TUBE FRAME FOR CD-151 DAMPER ATTACHMENT AT MULTIPLE UNITS F.B.C. (High Velocity Hurricane Zone)**

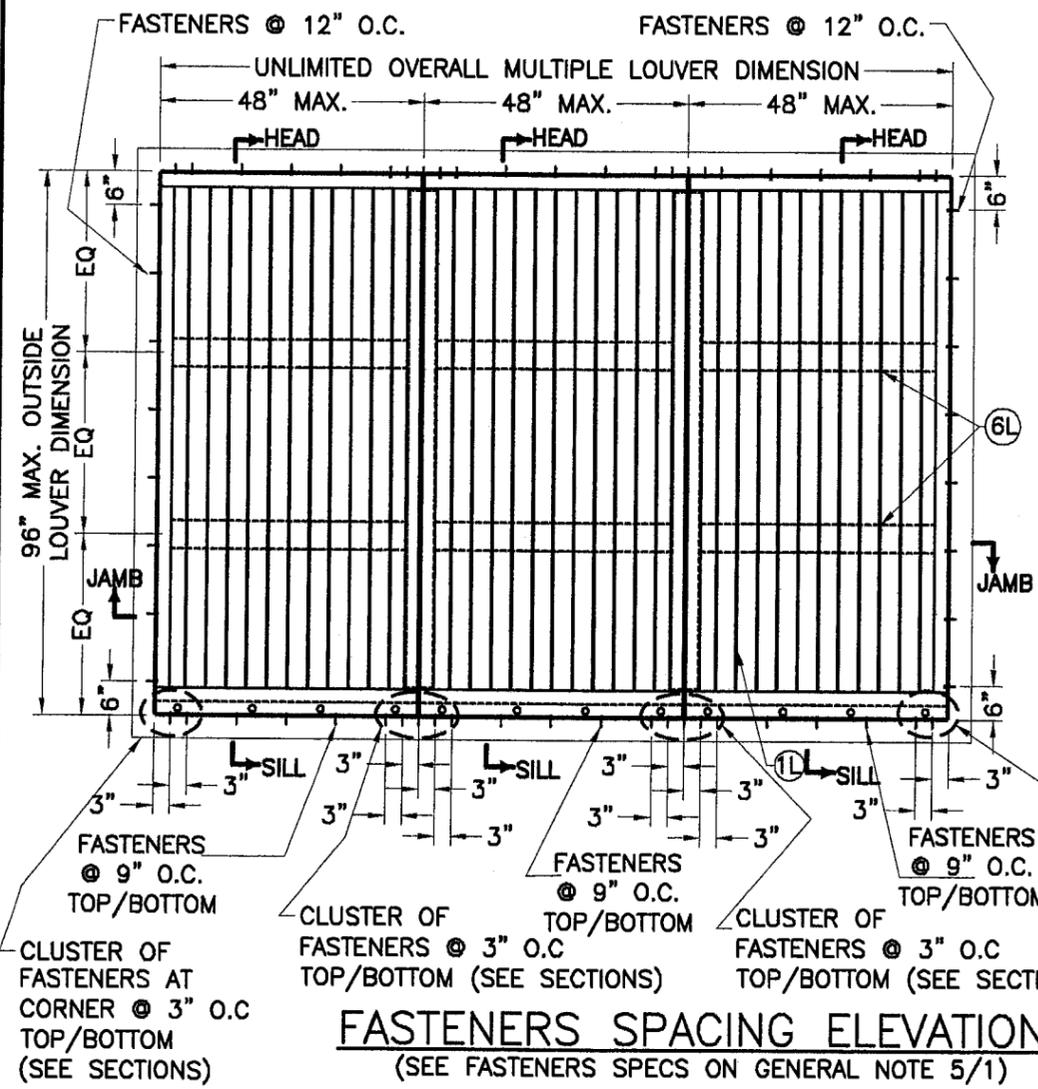
SCALE: 1/2"=1'-0"

11/15/2007  
07-0524.02  
*[Signature]*  
MIAMI-DADE COUNTY

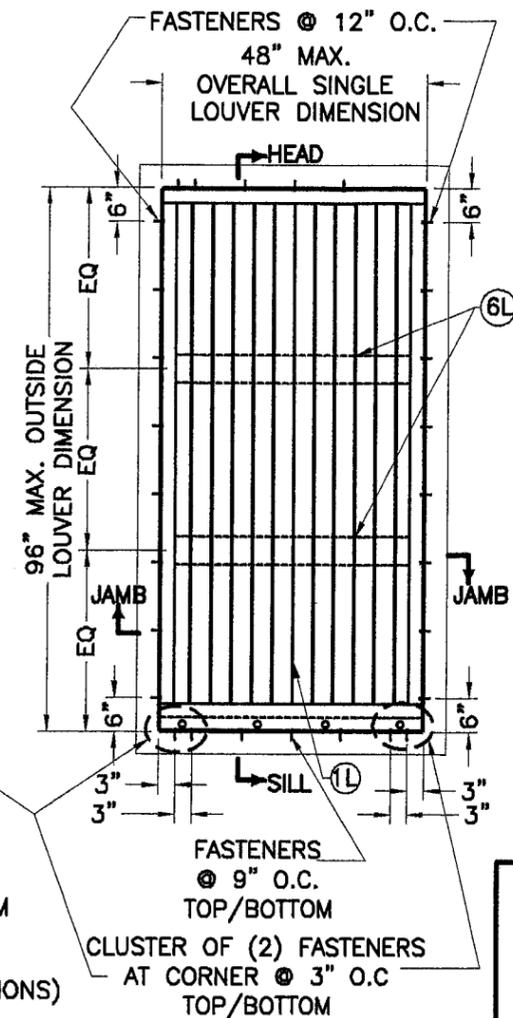
*[Signature]*  
10/13/07  
P.E. SEAL/SIGNATURE/DATE

**TILECO INC.**  
TILLIT TESTING & ENGINEERING COMPANY  
6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL. 33166  
Phone: (305)871-1530 Fax: (305)871-1531  
EB-0006719  
WALTER A. TILLIT Jr. P. E.  
FLORIDA Lic. # 44167

<b>CARNES MODEL FRVB.</b>						DRAWN BY: I.A
UNITED ENERTECH, INC. VV-10-D ALUMINUM LOUVER W/ OR W/O CD-151 DAMPER ASSEMBLY						10/17/07 DATE
<b>CARNES COMPANY</b>						07-267 DRAWING No
448 S. MAIN STREET VERONA, WI 53593 PH: (608) 845-6411 FAX: (608) 845-6470						SHEET 5 OF 7
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	
1	-	-	3	-	-	
2	-	-	4	-	-	

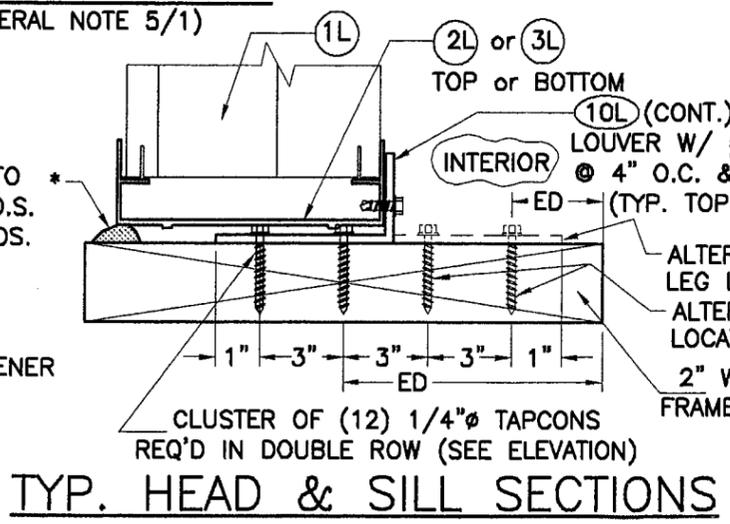
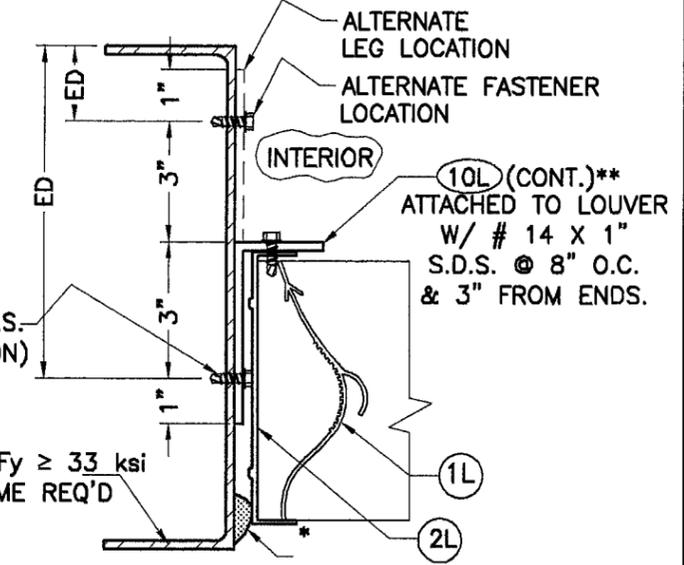
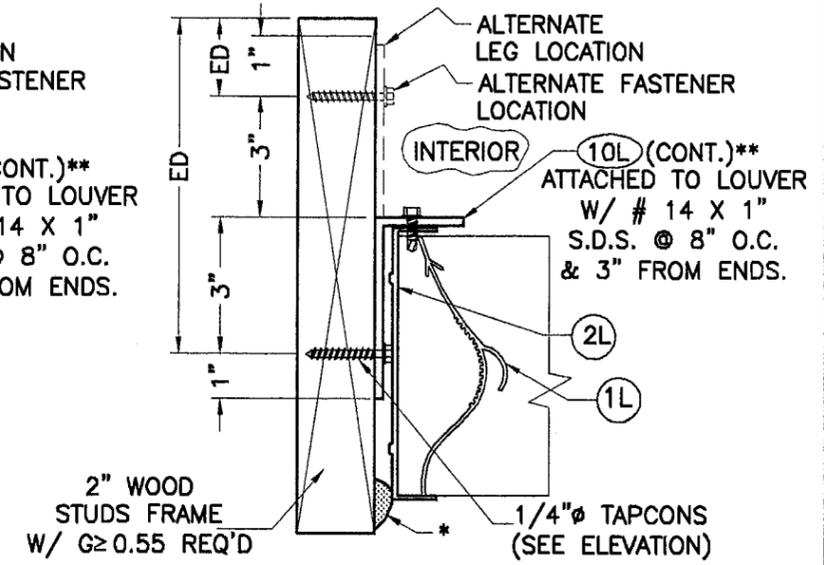


**FASTENERS SPACING ELEVATIONS**  
(SEE FASTENERS SPECS ON GENERAL NOTE 5/1)

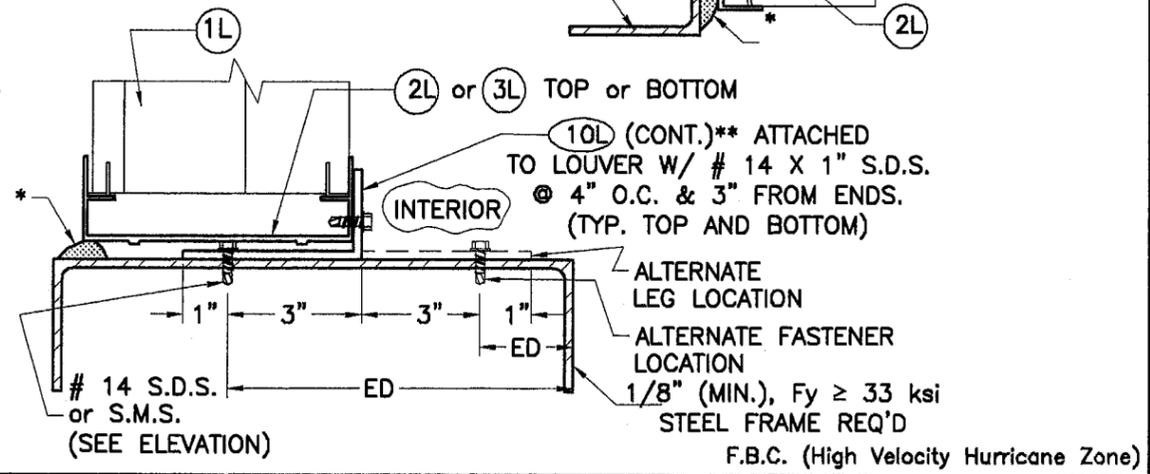
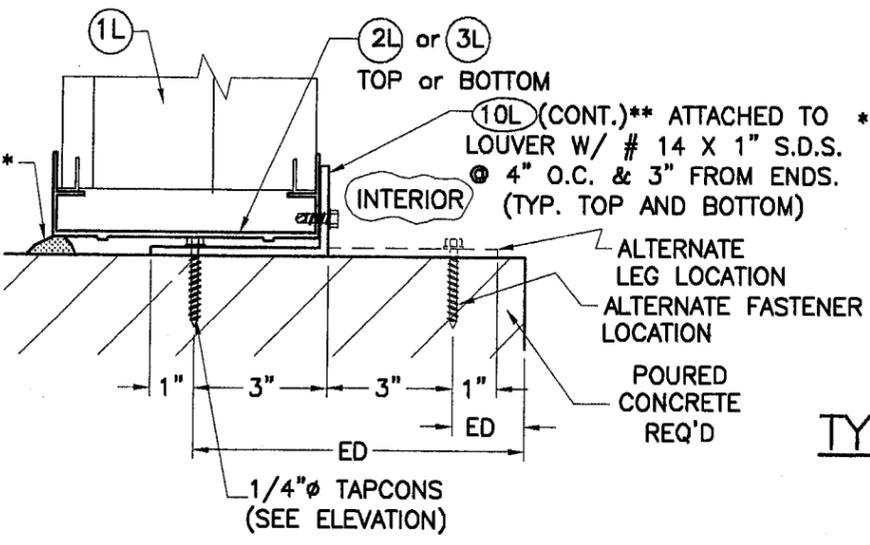


**TYP. JAMB SECTIONS**

\* 3/8" MAX. SHIM SPACE. PROVIDE CONT. SEALANT AT SHIM SPACE.  
\*\* SEE GENERAL NOTE 9/1



**TYP. HEAD & SILL SECTIONS**



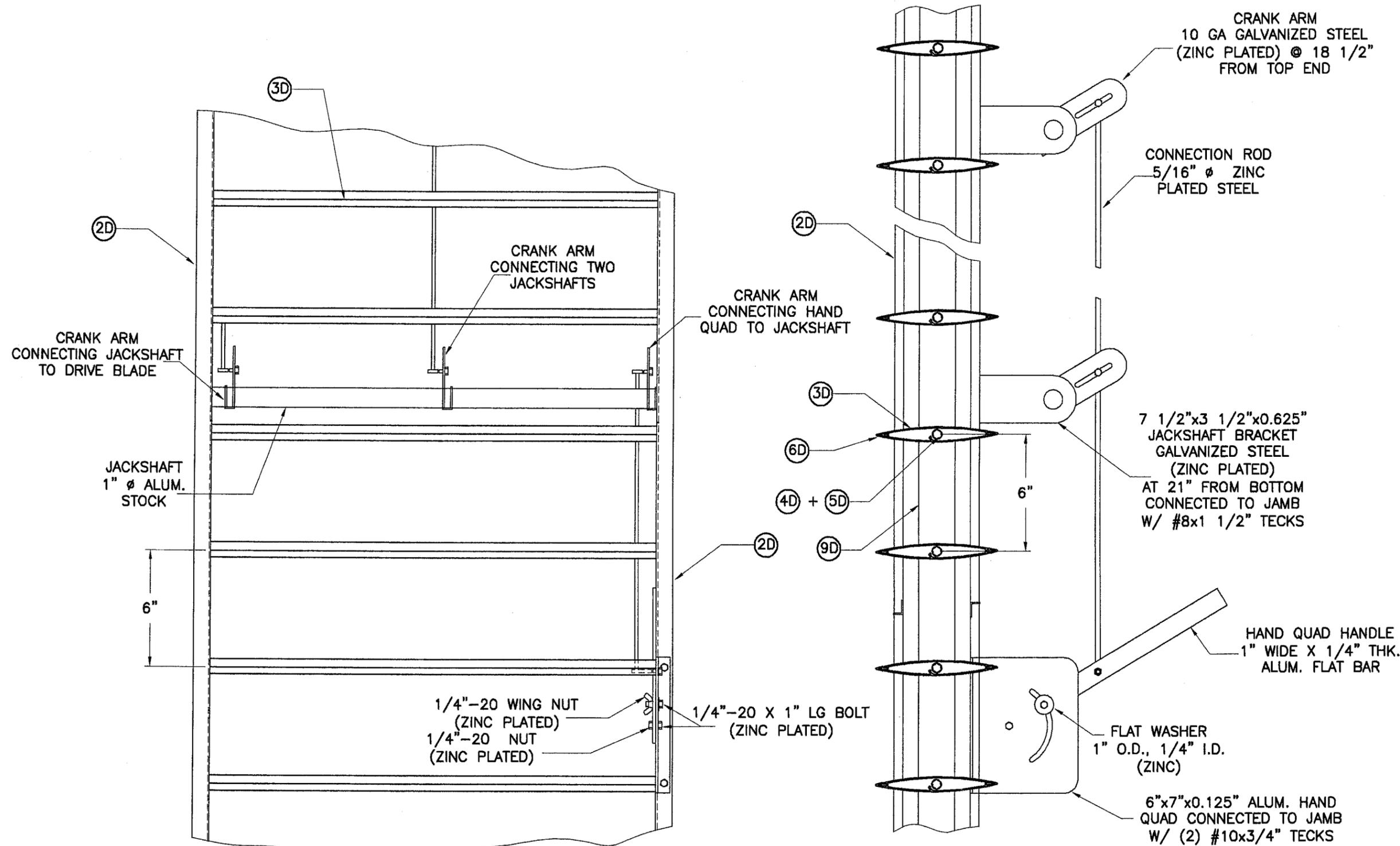
ED= EDGE DISTANCE,  
SEE GENERAL NOTE 5/1

Approved as complying with the Florida Building Code  
11/15/2007  
07-0524.02  
*[Signature]*  
MIAMI-DADE COUNTY

*[Signature]*  
12/18/07  
P.E. SEAL/SIGNATURE/DATE

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<b>CARNES COMPANY</b>					07-267 DRAWING No
448 S. MAIN STREET VERONA, WI 53593 PH: (808) 845-8411 FAX: (808) 845-8470					SHEET 6 OF 7
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	-	-	3	-	-
2	-	-	4	-	-



### HAND QUADRANT HANDLE MECHANISM

(SEE GENERAL NOTE 8/1)

F.B.C. (High Velocity Hurricane Zone)

Approved as complying with the Florida Building Code  
 Date: 11/15/2007  
 07-0524.02  
 P.E. SEAL/SIGNATURE/DATE

MIAMI-DADE COUNTY  
 P.E. SEAL/SIGNATURE/DATE

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2	-	-	4	-	-

DRAWN BY: I.A.  
 10/17/07  
 DATE  
 07-267  
 DRAWING No  
 SHEET 7 OF 7