



**MIAMI-DADE COUNTY**  
**BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)**  
**BOARD AND CODE ADMINISTRATION DIVISION**

**MIAMI-DADE COUNTY**  
**PRODUCT CONTROL SECTION**  
 11805 SW 26 Street, Room 208  
 Miami, Florida 33175-2474  
 T (786) 315-2590 F (786) 315-2599

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/building/home/asp](http://www.miamidade.gov/building/home/asp)

**Air Performance, Inc.**  
**159 Genco Drive**  
**Hartford, AL 36344**

**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 Section 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 Section (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 Section 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 5WDRL 5" Blade Aluminum Louver**

**APPROVAL DOCUMENT:** Drawing No. **10-065**, titled "5" Blade Louvered System, Model 5WDRL", sheets 1 through 7 of 7, prepared by Tilteco, Inc, dated 07/26/10, signed and sealed by Walter A. Tillit, Jr., 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 Section.

**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.**



*Signature*  
 02/19/11

NOA No. 10-1214.14  
 Expiration Date: March 10, 2016  
 Approval Date: March 10, 2011  
 Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **10-065**, titled "5" Blade Louvered System, Model 5WDRL", sheets 1 through 7 of 7, prepared by Tilteco, Inc, dated 07/26/10, signed and sealed by Walter A. Tillit Jr., 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  
4) Tensile Test, per ASTM E8  
Along with marked-up drawings and installation diagram of a Model 5WDRL 5" Blade Aluminum Louvered System, prepared by American Test Lab of South Florida, Test Report No. **0726.01-10**, dated 09/16/10, signed and sealed by Julio E. Gonzalez, P.E.

**C. CALCULATIONS**

1. Anchor verification prepared by Tilteco, Inc, dated 07/26/10, signed and sealed by Walter A. Tillit Jr., P.E.

**D. QUALITY ASSURANCE**

1. Miami-Dade Building and Neighborhood Compliance Department (BNC)

**E. MATERIAL CERTIFICATIONS**

1. None.

**F. STATEMENTS**

1. Statement letter of conformance to the 2007 FBC, issued by Tilteco, Inc, dated 12/13/10, signed and sealed by Walter A. Tillit Jr., P.E.
2. Statement letter of no financial interest issued by Tilteco, Inc, dated 12/13/10, signed and sealed by Walter A. Tillit Jr., P.E.



---

Carlos M. Utrera, P.E.  
Product Control Examiner  
NOA No. 10-1214.14  
Expiration Date: March 10, 2016  
Approval Date: March 10, 2011

**GENERAL NOTES:**

1). **5" BLADE LOUVERED SYSTEM** SHOWN ON THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2007 EDITION OF THE FLORIDA BUILDING CODE. **5" BLADE LOUVERED SYSTEM** MAY BE INSTALLED AT HIGH VELOCITY HURRICANE ZONES (MIAMI-DADE/BROWARD COUNTIES). DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE. IN ORDER TO VERIFY THAT COMPONENTS ON THIS (P.A.D.), AS TESTED, WERE NOT OVERSTRESSED, A 33% INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS **NOT** USED IN THEIR ANALYSIS. FASTENERS SPACING TO WOOD HAS BEEN DETERMINED IN ACCORDANCE WITH N.D.S. 2005.

**5" BLADE LOUVERED SYSTEM** ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1626 OF THE ABOVE MENTIONED CODE AS PER AMERICAN TESTING LAB OF SOUTH FLORIDA REPORT # 0726.01-10, AS PER TAS-201, TAS-202, TAS-203.

**MAXIMUM DESIGN PRESSURE RATING  
+150.0, -150.0 psf.  
LARGE MISSILE IMPACT RESISTANCE.**

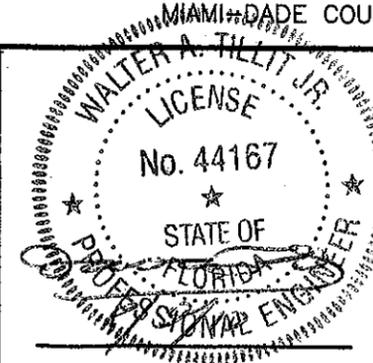
- 2). ALL ALUMINUM EXTRUSIONS SHALL BE 6063-T6 ALLOY WITH MIN. SPECIFIC YIELD STRENGTHS AS SHOWN ON SHEET 2.
- 3). ALL SCREWS TO BE STAINLESS STEEL 304 OR 316 SERIES WITH 50 ksi YIELD POINT AND 90 ksi TENSILE STRENGTH OR CORROSION RESISTANT CARBON STEEL AS PER DIN 50018. (SEE BILL OF MATERIALS ON SHEET 2)
- 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). ALL ALUMINUM IN CONTACT WITH 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.
- 6). ANCHORS FOR JAMB (3) CONNECTION TO EXISTING STRUCTURE SHALL BE AS FOLLOWS (SEE SHEET 5):
- ANCHORS SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER. EDGE DISTANCE (E.D.), MINIMUM EMBEDMENT OR THREADED PENETRATION ARE BEYOND ANY WALL FINISH.

ANCHOR TYPE	MANUFACTURER	DIAMETER	MINIMUM EMBEDMENT OR THREADED PENETRATION				MIN. EDGE DISTANCE (E.D)			MIN. SPACING		
			TO POURED CONCRETE (f'c=3192psi Min.)	TO CONCRETE BLOCK (ASTM C-90 UNIT)	TO 1/8" MIN. STEEL (Fy=33ksi Min.)	TO MIN. 2x6 WOOD (G=0.55 Min.)	POURED CONCRETE OR CONCRETE BLOCK	STEEL	WOOD	POURED CONCRETE OR CONCRETE BLOCK	STEEL	WOOD
TAPCON	ITW/BUILDEX	1/4"φ	1 3/4"	1 1/4"	N/A	N/A	3"	N/A	N/A	3"	N/A	N/A
TEK SCREW	ITW/BUILDEX	1/4"φ	N/A	N/A	3/4"	N/A	N/A	1"	N/A	N/A	3/4"	N/A
TAPCON	ITW/BUILDEX	1/4"φ	N/A	N/A	N/A	1 1/2"	N/A	N/A	1"	N/A	N/A	1"

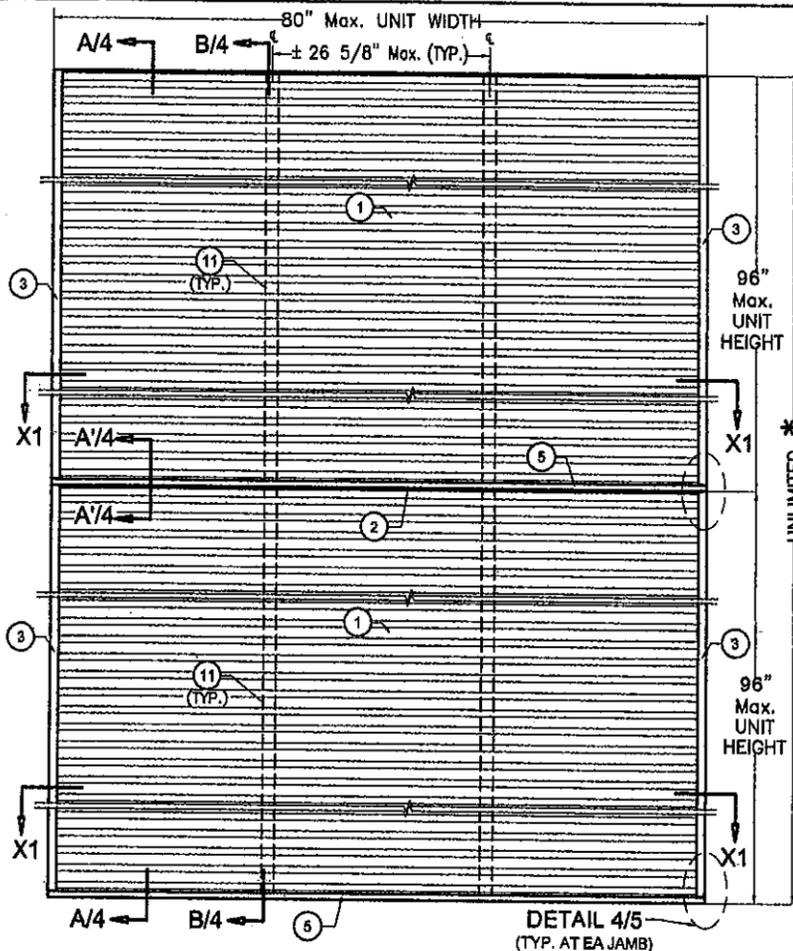
- 7). ANCHORS FOR MULLION (8) CONNECTION TO EXISTING STRUCTURE SHALL BE AS FOLLOWS (SEE SHEET 7).
- ANCHORS SHALL BE INSTALLED FOLLOWING ALL OF THE RECOMMENDATIONS AND SPECIFICATIONS OF THE ANCHOR'S MANUFACTURER. EDGE DISTANCE (E.D.) MINIMUM EMBEDMENT OR THREADED PENETRATION ARE BEYOND ANY FINISH.

ANCHOR TYPE	MANUFACTURER	DIAMETER	MIN. EMBEDMENT OR THREADED PENETRATION			MIN. EDGE DISTANCE (E.D)			MIN. SPACING		
			TO POURED CONCRETE (f'c=3000 psi Min.)	TO 1/4" MIN. STEEL (ASTM-A36)	TO MIN. 2x6 WOOD (G=0.55 Min.)	POURED CONCRETE	STEEL	WOOD	POURED CONCRETE	STEEL	WOOD
TAPCON XL	ITW/BUILDEX	5/16"φ	2 1/4"	N/A	N/A	3 1/8"	N/A	N/A	2"	N/A	N/A
TYPE "F" BOLT OR HHB THRU BOLT W/ NUT & LOCK WASHER	-	5/16"φ	N/A	1/4"	N/A	N/A	3/4"	N/A	N/A	1 1/8"	N/A
ULTRACON FASTENER	ELCO CONSTRUCTION PRODUCTS	5/16"φ	N/A	N/A	1 1/2"	N/A	N/A	1 9/16"	N/A	N/A	1 9/16"

- 8). **5" BLADE LOUVERED SYSTEM** 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.
- 9). 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.
- 10). (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 PRODUCT APPROVAL DOCUMENT (P.A.D.)
- (B) CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION INCLUDING LIFE SAFETY OF THIS PRODUCT, BASED ON THIS PRODUCT APPROVAL DOCUMENT (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 (P.A.D.) 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) ORIGINAL PRODUCT APPROVAL DOCUMENT (P.A.D.) SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OR RECORD THAT PREPARED IT.
- 11). **5" BLADE LOUVERED SYSTEM** MANUFACTURER'S LABEL SHALL BE PLACED ON A READILY VISIBLE LOCATION. ONE LABEL SHALL BE PLACED FOR EVERY OPENING AND SHALL READ AS FOLLOWS:  
AIR PERFORMANCE, INC.  
HARTFORD, ALABAMA  
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

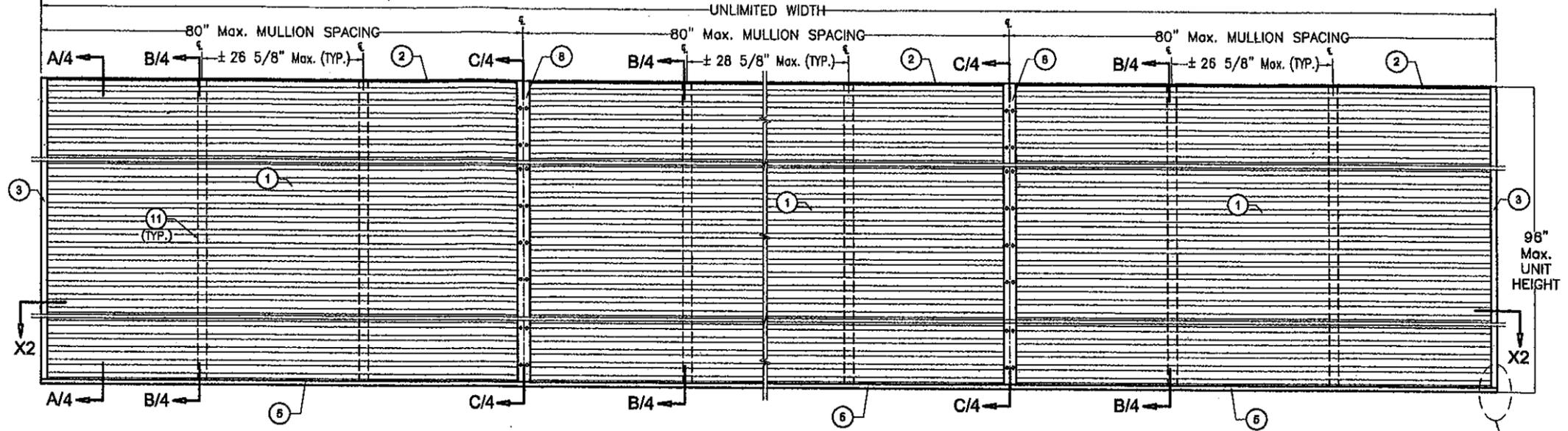
<p>Approved as complying with the Florida Building Code Date: 03/10/2011 NOA# 10-1214-14 Miami Dade Product Control By: </p> <p>MIAMI-DADE COUNTY</p>	 <p>P.E. SEAL/SIGNATURE/DATE</p>	<p>FLORIDA BUILDING CODE (High Velocity Hurricane Zone)</p> <p>©2010 TILTECO, INC</p> <div style="border: 2px solid black; padding: 5px; display: inline-block;"> <p><b>TILTECO INC.</b></p> <p>TILLIT TESTING &amp; ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1830 . Fax: (305)871-1531 e-mail: tiltco@aol.com EB-0008719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167</p> </div>																		
		<p><b>5" BLADE LOUVERED SYSTEM, MODEL 5WDRL</b></p> <p><b>AIR PERFORMANCE, INC.</b></p> <p>159 GENCO DRIVE HARTFORD, ALABAMA 36344 PHONE: (334) 588-0070 . FAX: (334) 588-0071</p>																		
		<p>DRAWN BY: L.G.</p> <p>07/26/10 DATE</p> <p>10-065 DRAWING No</p>																		
		<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> <th>REV. No</th> <th>DESCRIPTION</th> <th>DATE</th> </tr> </thead> <tbody> <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> </tbody> </table> <p>SHEET 1 OF 7</p>	REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE	1			3			2			4		
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE															
1			3																	
2			4																	





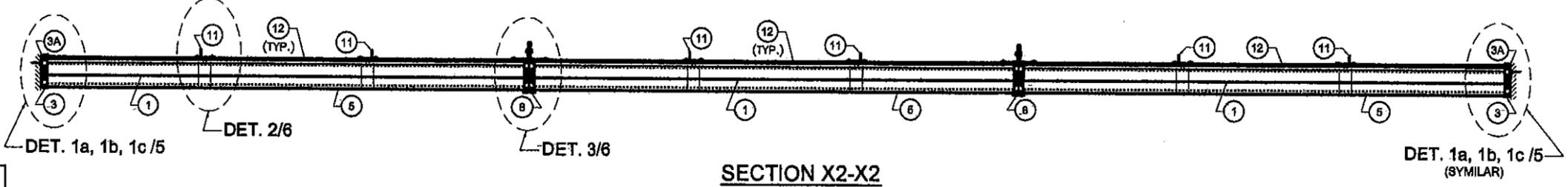
**SINGLE LOUVER UNIT \***  
(EXTERIOR ELEVATION)

\* NUMBER OF LOUVER PANEL UNITS NEEDED TO ACHIEVE THE OPENING OVERALL HEIGHT MAY VARY. HOWEVER MAX. UNIT HEIGHT SHALL NOT EXCEED 96".

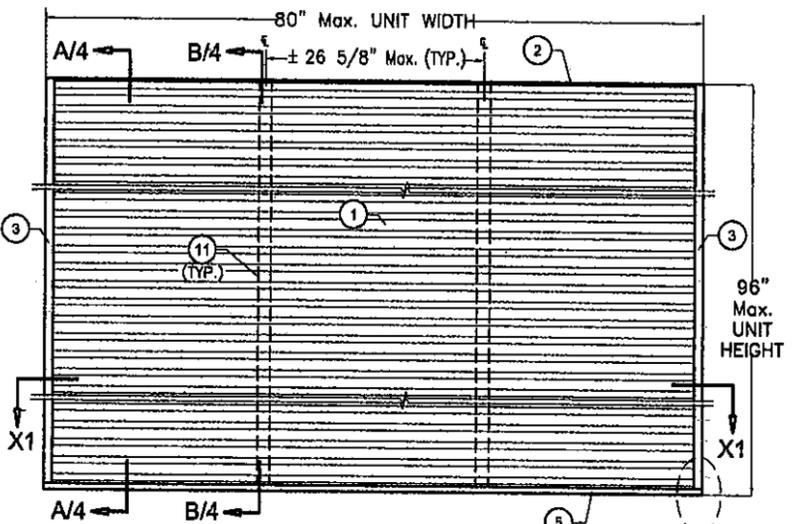


**MULTIPLE LOUVER UNITS**  
(EXTERIOR ELEVATION)

**DETAIL 4/5**  
(TYP. AT EA JAMB)

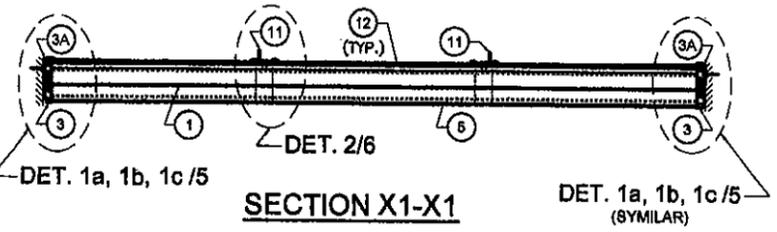


**SECTION X2-X2**



**SINGLE LOUVER UNIT**  
(EXTERIOR ELEVATION)

**DETAIL 4/5**  
(TYP. AT EA JAMB)



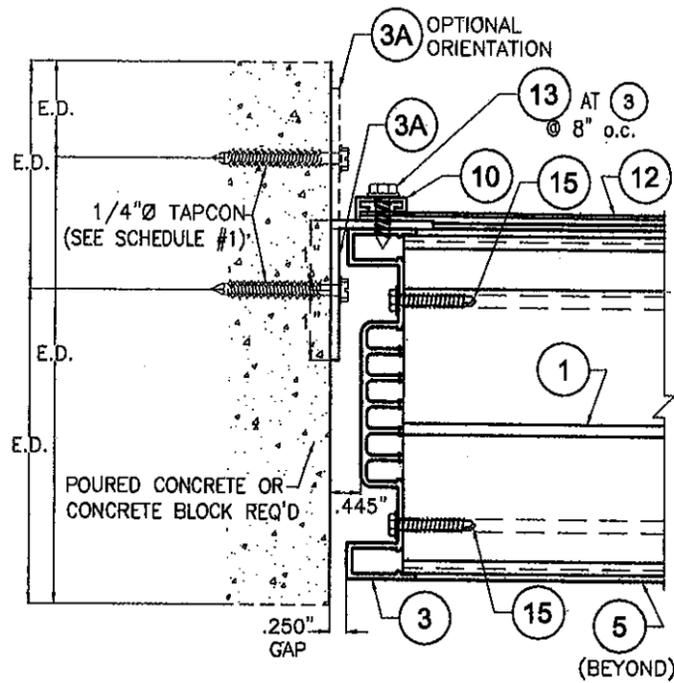
**SECTION X1-X1**

**SINGLE & MULTIPLE UNITS 5WDRL LOUVER SYSTEMS**

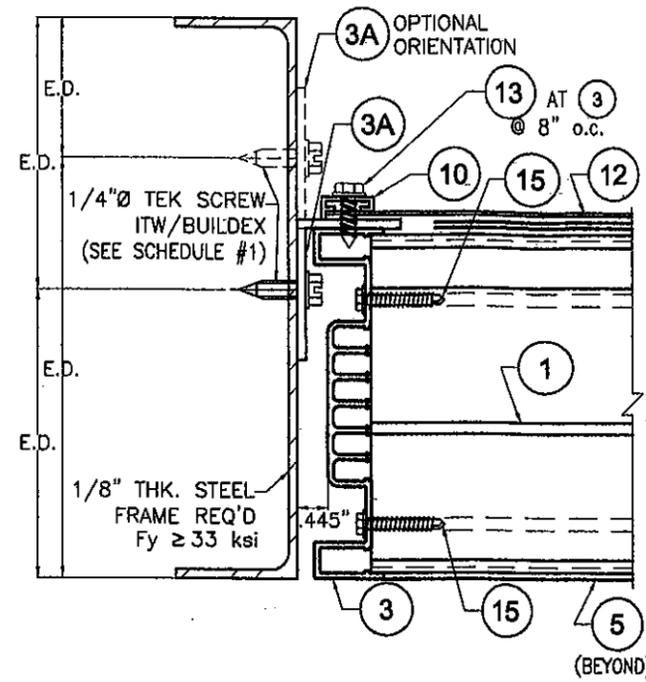
N.T.S.

<p>Approved as complying with the Florida Building Code Date: 03/10/2011 NOAR 10-1219-14 Miami Dade Product Control By: <i>[Signature]</i></p>		<p>FLORIDA BUILDING CODE (High Velocity Hurricane Zone)</p>			
<p>MIAMI-DADE COUNTY</p>		<p>©2010 TILTECO, INC</p>			
<p>WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER P.E. SIGNATURE/DATE</p>		<p><b>TILTECO INC.</b> TILLIT TESTING &amp; ENGINEERING COMPANY 8355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530 • Fax: (305)871-1531 e-mail: tiltco@aol.com EB-0006719 WALTER A. TILLIT Jr. P.E. FLORIDA Lic. # 44167</p>			
<p>5" BLADE LOUVERED SYSTEM, MODEL 5WDRL</p>		<p><b>AIR PERFORMANCE, INC.</b> 159 GENCO DRIVE HARTFORD, ALABAMA 36344 PHONE: (334) 588-0070, FAX: (334) 588-0071</p>			
<p>DRAWN BY: L.G.</p>		<p>07/26/10 DATE</p>			
<p>10-065 DRAWING No.</p>		<p>SHEET 3 OF 7</p>			
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1			3		
2			4		

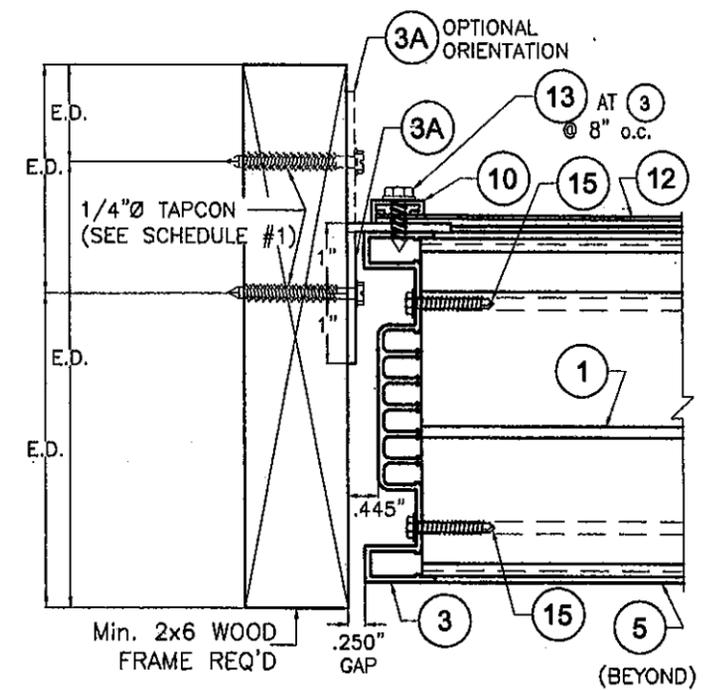




**DETAIL 1a**  
TO POURED CONCRETE  
OR CONCRETE BLOCK



**DETAIL 1b**  
TO STEEL

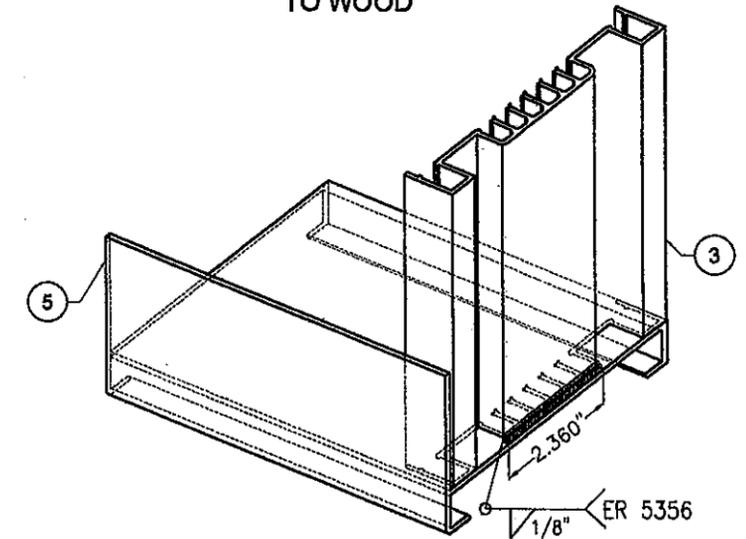


**DETAIL 1c**  
TO WOOD

**JAMB 3 CONNECTION DETAILS TO  
DIFFERENT SUBSTRATES**  
(SEE GENERAL NOTE 6/1)

**ANCHOR SPACING SCHEDULE AT JAMB, VALID FOR CONNECTION TO  
POURED CONCRETE, CONCRETE BLOCK, STEEL & WOOD SUBSTRATES**

MAX. ANCHOR SPACING AT JAMBS, SCHEDULE # 1 W/ 3A (1 1/2"x 2"x1/8" ANGLE)					
DESIGN WIND LOAD (psf)	SINGLE UNIT WIDTH OR MULLION SPACING (S) AT MULTIPLE UNITS (in)	MAXIMUM SPACING (in o.c.)			
		1/4"Ø TAPCON TO POURED CONCRETE	1/4"Ø TAPCON TO CONCRETE BLOCK	1/4"Ø TEK SCREW TO STEEL	1/4"Ø TAPCON TO WOOD
±75 OR LESS	48	8	8	8	8
	60	8	8	8	7 1/2
	72	8	7	8	6 1/2
	80	8	6	8	6
> ±75 TO ±110	48	8	7	8	6-1/2
	60	8	5 1/2	8	5 1/2
	72	8	4 1/2	8	4 1/2
	80	8	4 1/2	8	4
> ±110 TO ±150	48	8	5	8	5
	60	8	4	8	4
	72	7	3 1/2	8	3
	80	6	3	7	3

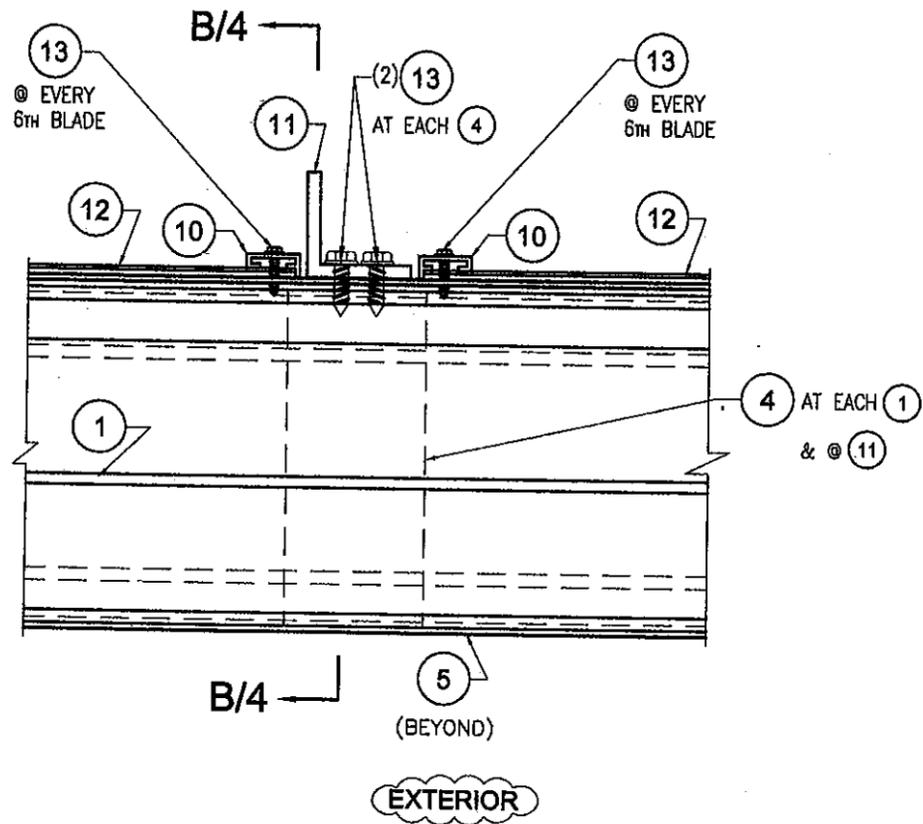


**DETAIL 4**  
CORNER AT BOTTOM.  
N.T.S.

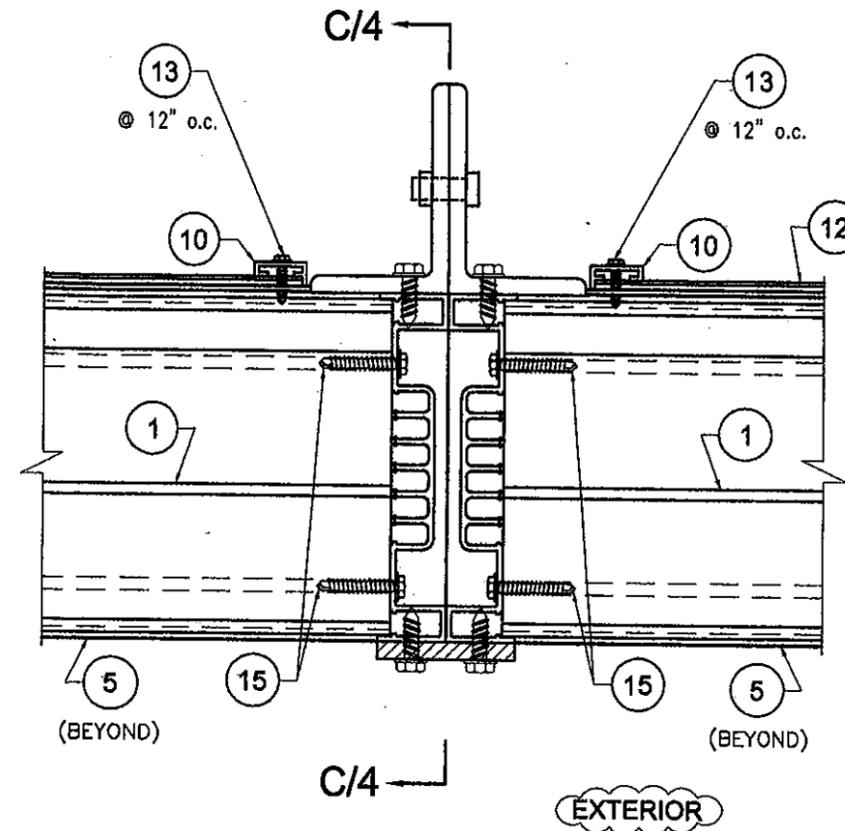
Approved as complying with the Florida Building Code  
Date 03/10/2011  
NOAH 10-1214-14  
Miami Dade Product Control  
By *[Signature]*  
MIAMI-DADE COUNTY

WALTER A. TILLIT JR.  
LICENSE  
No. 44167  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)			
©2010 TILTECO, INC		5" BLADE LOUVERED SYSTEM, MODEL 5WDR L	
 TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 38th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1830, Fax: (305)871-1531 e-mail: tilteco@aol.com EB-0D08719 WALTER A. TILLIT JR., P.E. FLORIDA Lic. # 44167		<b>AIR PERFORMANCE, INC.</b> 159 GENCO DRIVE HARTFORD, ALABAMA 36344 PHONE: (334) 588-0070, FAX: (334) 588-0071	
DRAWN BY: L.G.		07/26/10 DATE	
10-065 DRAWING No		SHEET 5 OF 7	
REV. No	DESCRIPTION	DATE	REV. No
1			3
2			4

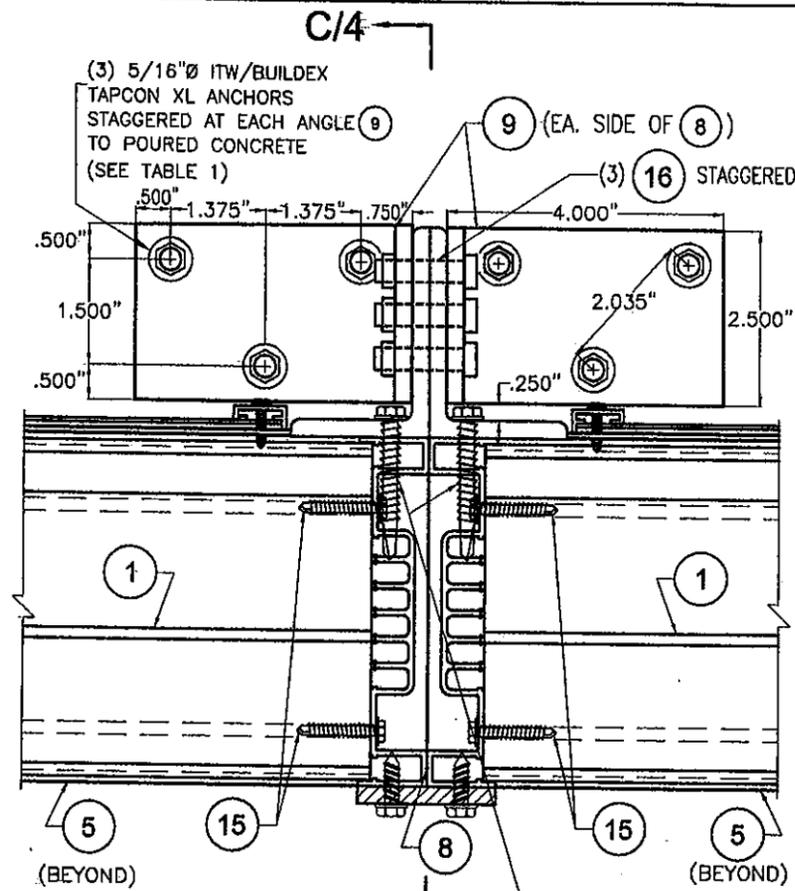


**DETAIL 2 (PLAN)**  
**@ BLADE BRACE ANGLE (11)**  
 SCALE 3/8"=1"



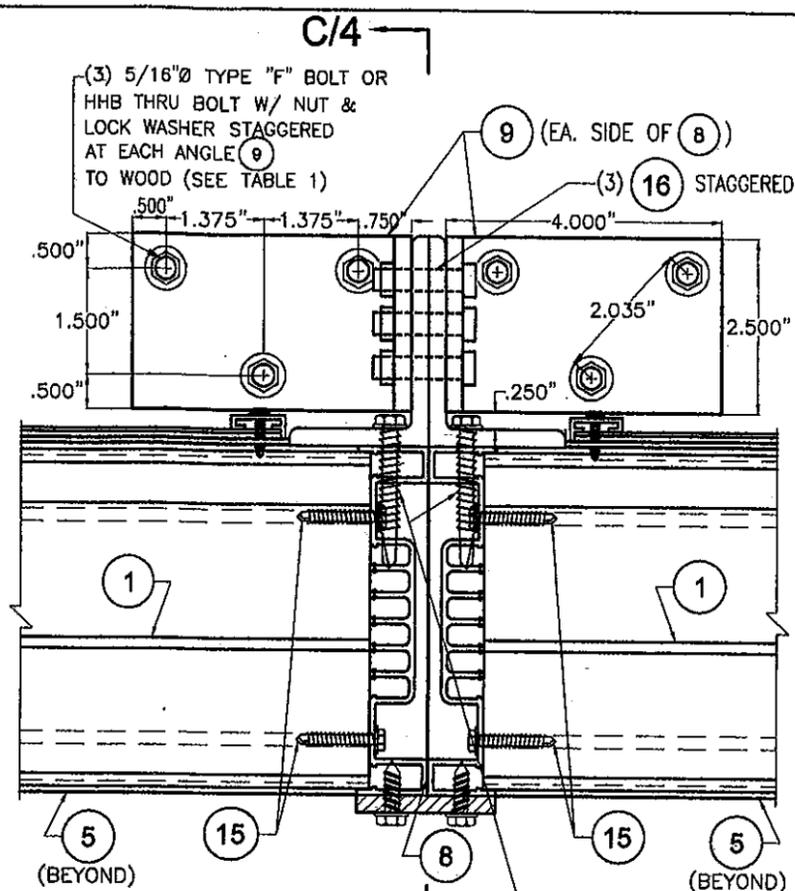
**DETAIL 3 (PLAN)**  
**@ MULLION (8)**  
 SCALE 3/8"=1"

Approved as complying with the Florida Building Code Date <i>03/10/2011</i> NOA# <i>10-1214-14</i> Miami Dade Product Control By <i>[Signature]</i>		FLORIDA BUILDING CODE (High Velocity Hurricane Zone)			
MIAMI-DADE COUNTY		©2010 TILTECO, INC  TILLIT TESTING & ENGINEERING COMPANY 6355 N.W. 36th St., Ste. 305, VIRGINIA GARDENS, FL 33166 Phone: (305)871-1530 Fax: (305)871-1531 e-mail: tilteco@aol.com EG-0006719 WALTER A. TILLIT JR., P.E. FLORIDA Lic. # 44167			
WALTER A. TILLIT JR. LICENSE No. 44167 STATE OF FLORIDA PROFESSIONAL ENGINEER P.E. SEAL/SIGNATURE/DATE		5" BLADE LOUVERED SYSTEM, MODEL 5WDRL <b>AIR PERFORMANCE, INC.</b> 159 GENCO DRIVE HARTFORD, ALABAMA 36344 PHONE: (334) 588-0070, FAX: (334) 588-0071			
DRAWN BY: L.G.		07/26/10 DATE			
10-065 DRAWING No		SHEET 6 OF 7			
REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1			3		
2			4		



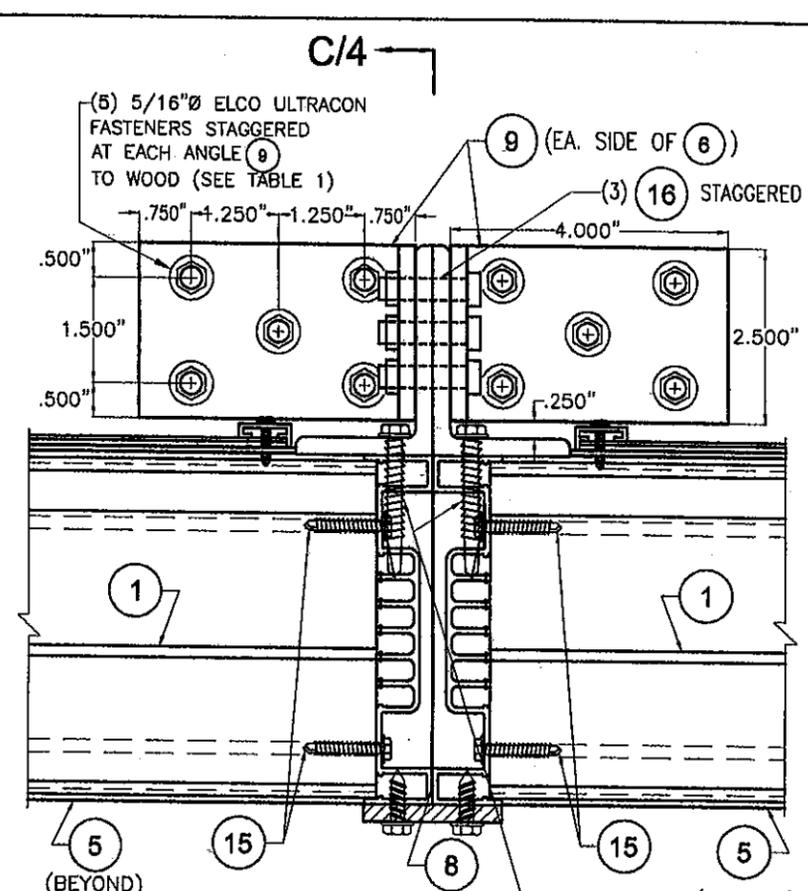
**SECTION Xa-Xa  
CONNECTION  
TO POURED CONCRETE**

SCALE: 3/8"=1"



**SECTION Xb-Xb  
CONNECTION  
TO STEEL**

SCALE: 3/8"=1"



**SECTION Xc-Xc  
CONNECTION  
TO WOOD**

SCALE: 3/8"=1"

(5) (13A) CONCENTRATED AT TOP TO (8) EA. SIDE @ 1/2" o.c. AND USE  
(4) (13A) CONCENTRATED AT BOTTOM TO (6) EA. SIDE, @ 1/2" o.c. & START WITH (1) (13) TO SILL (5) EA. SIDE OF (8) @ 1/2" FROM BOTTOM

(5) (13A) CONCENTRATED AT TOP TO (8) EA. SIDE @ 1/2" o.c. AND USE  
(4) (13A) CONCENTRATED AT BOTTOM TO (6) EA. SIDE, @ 1/2" o.c. & START WITH (1) (13) TO SILL (5) EA. SIDE OF (8) @ 1/2" FROM BOTTOM

(5) (13A) CONCENTRATED AT TOP TO (8) EA. SIDE @ 1/2" o.c. AND USE  
(4) (13A) CONCENTRATED AT BOTTOM TO (6) EA. SIDE, @ 1/2" o.c. & START WITH (1) (13) TO SILL (5) EA. SIDE OF (8) @ 1/2" FROM BOTTOM

**TABLE 1**

**CONNECTION TO POURED CONCRETE**

DESIGN WIND LOAD (psf)	MAX. MULLION SPACING AT MULTIPLE UNITS (in)	TOTAL NUMBER OF ANCHORS PER CONNECTION		
		Section Xa-Xa	Section Xb-Xb	Section Xc-Xc
±75 OR LESS	48	6	6	10
	60	6	6	10
	72	6	6	10
	80	6	6	10
> 75 TO ±110	48	6	6	10
	60	6	6	10
	72	6	6	10
	80	-	6	10
> ±110 TO ±150	48	6	6	10
	60	-	6	10
	72	-	6	10
	80	-	6	10

**MULLION (8) CONNECTION DETAIL  
TOP & BOTTOM TO DIFFERENT SUBSTRATES  
(SEE GENERAL NOTE 7/1)**

Approved as complying with the Florida Building Code  
Date 03/10/2011  
NOAH 10-1214-14  
Miami Dade Product Control  
By *[Signature]*  
MIAMI-DADE COUNTY

WALTER A. TILLIT JR.  
LICENSE  
No. 44167  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
P.E. SEAL/SIGNATURE/DATE

FLORIDA BUILDING CODE (High Velocity Hurricane Zone)

©2010 TILTECO, INC.

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

5" BLADE LOUVERED SYSTEM, MODEL 5WDRL

**AIR PERFORMANCE, INC.**  
159 GENCO DRIVE  
HARTFORD, ALABAMA 36344  
PHONE: (334) 588-0070, FAX: (334) 588-0071

DRAWN BY: L.G.  
07/26/10 DATE  
10-065 DRAWING No  
SHEET 7 OF 7

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1			3		
2			4		