MIAMI-DADE COUNTY
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

NOTICE OF ACCEPTANCE (NOA)

Florida Pre-Fab, Inc.
2907 S. Sagasta Street
Tampa, Florida 33619

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: "24 ga. Florida Rib Panel" (0.024" min.) Structural Galvanized Steel Wall Panel

APPROVAL DOCUMENT: Drawing No. 07-145, titled " Florida Rib Panel / Structural Wall Panel ", sheet 1 of 1, prepared by Tilteco, Inc., dated June 01, 2007, last revision #1 dated June 01, 2007, signed and sealed by Walter A. Tillit Jr., P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the 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 **revises & renews NOA # 06-0501.04** and consists of this page 1, evidence submitted pages E-1, E-2, & E-3 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**

PRODUCT CONTROL ACCEPTED

Helmy A. Makar
09/13/2007

NOA No. 07-0606.04
Expiration Date: 06/04/2012
Approval Date: 09/13/2007
Page 1

Florida Pre-Fab, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 98-0205.01

A. DRAWINGS

1. *Drawing No. 98-18, prepared by Tilteco Inc., titled "Florida Rib Panel / Structural Wall Panel", dated January 27, 1998, last revised April 24, 1998, sheet 1 of 1, signed and sealed by Walter A. Tillit Jr, P.E.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Wind Pressure Test and Uniform Static Air Pressure Test on Florida Rib Wall Panel, prepared by Hurricane Test Laboratory, Inc., Report No. 0134-0707-97, dated 07/11/97, signed and sealed by Timothy S. Marshall, P.E.*

C. CALCULATIONS

1. *Calculations titled "Florida Pre Fab, Inc.", dated 11/14/97, pages 1 through 19 of 19, prepared by Tilteco , signed and sealed by Walter A. Tillit Jr., P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Test Report issued by U. S. Steel Group, dated 07/13/95, with chemical composition and mechanical properties of galvanized steel.*
2. *Tensile Test Report No. 7JM-2301, prepared by QC Metallurgical, Inc., dated 10/16/97, signed and sealed by Frank Grate, P.E.*

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 01-0725.01

A. DRAWINGS

1. *See NOA 98-0205.01*

B. TESTS

1. *See NOA 98-0205.01*

C. CALCULATIONS

1. *See NOA 98-0205.01*

D. MATERIAL CERTIFICATIONS

1. *See NOA 98-0205.01*

E. OTHER

1. *NOA No. 98-0205.01*
2. *Letter from Manufacturer.*

Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 07-0606.04
Expiration Date: 06/04/2012
Approval Date: 09/13/2007

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 03-0106.12

A. DRAWINGS

1. *Drawing No. 02-518, titled " Florida Rib Panel / Structural Wall Panel ", sheet 1 of 1, prepared by Tilteco, Inc., dated November 08, 2002, last revision #1 dated November 08, 2002, signed and sealed by Walter A. Tillit, Jr., P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*

E. STATEMENTS

1. *Letter issued by Mr. Walter A. Tillit, Jr., P.E., dated December 16, 2002, indicating that the only change is update General Note numbers 1 & 4 to reference the Florida Building Code and ASCE 7-98.*

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 05-0818.02

A. DRAWINGS

1. *Drawing No. 05-244, titled " Florida Rib Panel / Structural Wall Panel ", sheet 1 of 1, prepared by Tilteco, Inc., dated August 15, 2005, last revision #1 dated August 15, 2005, signed and sealed by Walter A. Tillit Jr., P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculations titled "Florida Pre Fab, Inc.", dated August 12, 2005, 2 pages, prepared by Tilteco , Inc., signed and sealed by Walter A. Tillit Jr., P.E.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*

Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 07-0606.04
Expiration Date: 06/04/2012
Approval Date: 09/13/2007

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 06-0501.04

A. DRAWINGS

1. *None.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*

6. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 07-145, titled " Florida Rib Panel / Structural Wall Panel ", sheet 1 of 1, prepared by Tilteco, Inc., dated June 01, 2007, last revision #1 dated June 01, 2007, signed and sealed by Walter A. Tillit Jr., P.E.*

B. TESTS

1. *Test report on Large Missile Impact Test, Cyclic Load Test and Uniform Static Air Pressure Test on Florida Rib Wall Panel, prepared by Hurricane Test Laboratory, Inc., Report No. 0134-0502-07, dated 05/09/2007, signed and sealed by Vinu J. Abraham, P.E.*

C. CALCULATIONS

1. *None.*

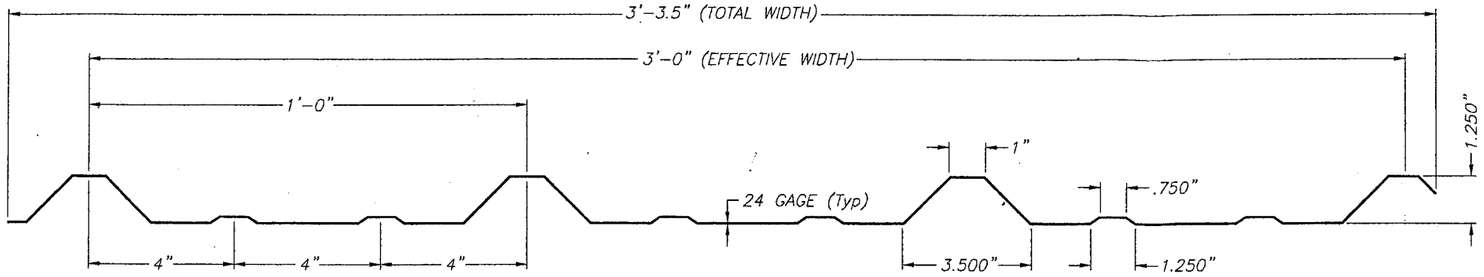
D. QUALITY ASSURANCE

1. *By Miami-Dade County Building Code Compliance Office.*

E. MATERIAL CERTIFICATIONS

1. *None.*

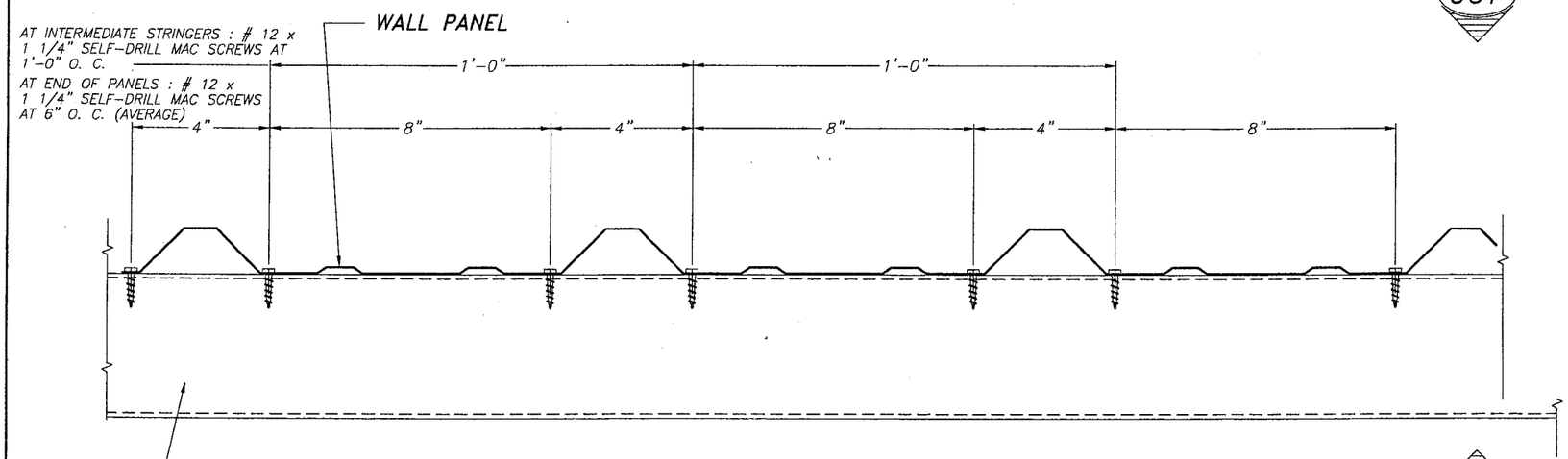
Helmy A. Makar, P.E., M.S.
Product Control Examiner
NOA No. 07-0606.04
Expiration Date: 06/04/2012
Approval Date: 09/13/2007



FLORIDA RIB PANEL CROSS SECTION

SCALE : 1/4" = 1"

OUT



TYPICAL WALL PANEL CONNECTION DETAIL TO INTERMEDIATE AND END SUPPORT (SECTION)

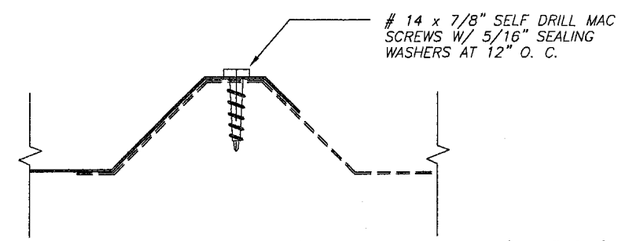
SCALE : 1/4" = 1"

IN

SUPPORT OR STRINGERS (NOT INCLUDED ON THIS APPROVAL)
Min. 16 GAGE Fy=50 ksi STEEL

MAXIMUM DESIGN PRESSURE RATING "W" (p. s. f.) AND CORRESPONDING MAXIMUM WALL PANEL SPAN "L" (Ft) SCHEDULE

PANEL SUPPORT CONDITION	MAXIMUM DESIGN LOAD "W" (psf) PANEL SPAN "L" (FT) 3'-0"	4'-0"
L L	+ 76.3, – 63.4	+ 52.0, – 43.2
L L L	+ 86.6, – 72.0	+ 65.0, – 54.0
L L L L	+ 83.4, – 69.3	+ 60.7, – 50.5



TYPICAL WALL PANEL SIDE LAP DETAIL (SECTION)

SCALE : 1/2" = 1"

GENERAL NOTES:

1. STRUCTURAL WALL PANEL SHOWN ON THIS PRODUCT APPROVAL DOCUMENT HAS BEEN VERIFIED FOR COMPLIANCE IN ACCORDANCE WITH THE 2004 EDITION OF THE FLORIDA BUILDING CODE, WITH THE 2005 AND 2006 SUPPLEMENTS.
DESIGN WIND LOADS SHALL BE DETERMINED AS PER SECTION 1620 OF THE ABOVE MENTIONED CODE. IN ORDER TO VERIFY THAT FASTENERS, AS TESTED, WERE NOT OVERSTRESSED, AN INCREASE IN ALLOWABLE STRESSES OF 33% WAS NOT USED IN THEIR ANALYSIS.
STRUCTURAL WALL PANEL'S ADEQUACY FOR IMPACT AND FATIGUE RESISTANCE HAS BEEN VERIFIED IN ACCORDANCE WITH SECTION 1609.1.4 OF THE ABOVE MENTIONED CODE

2. ALL STEEL SHEET METAL WALL PANELS SHALL HAVE STRUCTURAL QUALITY ASTM A-653, GRADE 50, WITH MINIMUM Fy=50 ksi (AFTER ROLLED), AND TO BE GALVANIZED G-90 AS PER ASTM A-653 DESIGNATION. IN ADDITION TO BEING GALVANIZED, PANELS MAY BE PAINTED TO ACHIEVE ANY DESIRED COLOR. PAINT TO CONFORM WITH THE MANUFACTURER SPECIFICATIONS FOR PAINTS APPLIED OVER GALVANIZED STEEL.

3. ALL SCREWS TO BE HEX HEAD, SELF DRILLING, NON CORROSIVE "MAC" SCREWS AS MANUFACTURED BY CONSTRUCTION FASTENERS, INC., WYOMISSING, PA 19610.

4. (A) THIS PRODUCT APPROVAL DOCUMENT (P.A.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE 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 OF THIS PRODUCT BASED ON THIS PRODUCT APPROVAL PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.

(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 PROFESSIONAL OF RECORD (P.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.

5. WALL PANEL'S MANUFACTURER'S LABEL SHALL BE PLACED AT BOTTOM OF EACH PANEL
LABEL SHALL READ AS FOLLOWS:
FLORIDA PRE-FAB, INC.
TAMPA, FLORIDA
MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED.

PRODUCT REVISED
as complying with the Florida
Buiding Code
Acceptance No. 07-0606.04
Expiration Date 06/04/2012
By
Miami Dade Product Control
Division

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

JUN 04 2007

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
EB-0006719
WALTER A. TILLIT Jr., P. E.
FLORIDA Lic. 44167

FLORIDA RIB PANEL / STRUCTURAL WALL PANEL

FLORIDA PRE-FAB, INC.
2907 S. SAGASTA STREET
TAMPA, FLORIDA 33619
PHONE: (813) 247-3934 FAX: (813) 247-3936

REV. No	DESCRIPTION	DATE	REV. No	DESCRIPTION	DATE
1	OLD 05-244	6/01/07	3	–	–
2	–	–	4	–	–

DRAWN BY: F.P.
06/01/07 DATE
07-145 DRAWING No
SHEET 1 OF 1