



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
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

www.miamidade.gov/building

NOTICE OF ACCEPTANCE (NOA)

Nyloboard, LLC
14187 Industrial Park Blvd.
Covington, GA 30014

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section 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. PERA 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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: "Nyloboard SIP" Structural Wall Panel System

APPROVAL DOCUMENT: Drawing No. 411-0711/1007, titled "4 3/4" Structural Insulated Panel - LMI ", sheets 1 through 6 of 6, prepared by PTC Product Design Group, LLC, dated May 03, 2006, last revision #E dated November 08, 2011, signed and sealed by Robert J. Amoruso, P.E., on November 08, 2011, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

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 # 05-0902.02 and consists of this page 1, evidence submitted pages E-1 & E-2 as well as approval document mentioned above.

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



Helmy A. Makar
01/05/2012

NOA No. 11-0907.02
Expiration Date: 12/21/2016
Approval Date: 01/05/2012
Page 1

Nyloboard, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 05-0902.02

A. DRAWINGS

1. *Drawing No. NYL0001, titled " 4 ¾" Structural Insulated Panel ", sheets 1 through 5 of 5, prepared by PTC Engineering, Inc., dated May 03, 2006, last revision #C dated November 21, 2006, signed and sealed by L. Roberto Lomas, P.E.*

B. TESTS

1. *Test report on Large Missile Impact Test, Uniform Static Air Pressure Test, and Cyclic Wind Pressure Test on Nyloboard SIP Wall Panel, prepared by Certified Testing Laboratories, Report No. CTLA 1457W-4, dated 03/30/2006, signed and sealed by Ramesh Patel, P.E.*
2. *Test report on Racking Test on Nyloboard SIP Wall Panel, prepared by Certified Testing Laboratories, Report No. CTLA 1457W-6, dated 03/30/2006, signed and sealed by Ramesh Patel, P.E.*

C. CALCULATIONS

1. *Calculations titled "Anchor Calculations for Wall Panel 4' x 9' Composite Sheathing Series Structural Insulated Panel, 7 pages, prepared by PTC Engineering, Inc., dated May 04, 2006, signed and sealed by L. Roberto Lomas, P.E.*

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. *Technical Product Data issued by O-Basf, dated June 10, 2005, with chemical composition and mechanical properties of Rigid Urethane Foam System.*
2. *Foamed Plastic Flame Spread and Smoke Developed test.*

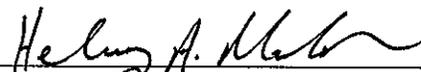
2. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. 411-0711/1007, titled " 4 ¾" Structural Insulated Panel - LMI ", sheets 1 through 6 of 6, prepared by PTC Product Design Group, LLC, dated May 03, 2006, last revision #E dated November 08, 2011, signed and sealed by Robert J. Amoruso, P.E., on November 08, 2011.*

B. TESTS

1. *None.*



Helmy A. Makar, P. E., M.S.
Product Control Examiner
NOA No 05-0902.02

Expiration Date: 12/21/2011
Approval Date: 12/21/2006

Nyloboard, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

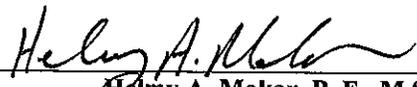
1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Permitting, Environment, and Regulatory Affairs (PERA).*

E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P. E., M.S.
Product Control Examiner
NOA No 05-0902.02
Expiration Date: 12/21/2011
Approval Date: 12/21/2006

NYLOBOARD, INC.

4 3/4" STRUCTURAL INSULATED PANEL - LMI

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. CODE COMPLIANCE - PRODUCT TESTING AND EVALUATION
 - 1.1. THE PRODUCT SHOWN HEREIN WAS TESTED IN COMPLIANCE WITH THE 2007 FLORIDA BUILDING CODE (FBC) INCLUDING 2009 SUPPLEMENTS AND INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES STATED HEREIN. TESTING IS DOCUMENTED IN SIGNED AND SEALED TEST REPORT NO. CTLA-1457 W-4 AND #CTLA-1457 W-6 AND ASSOCIATED LABORATORY STAMPED DRAWINGS.
 - 1.2. THE PRODUCT SHOWN HEREIN WAS TESTED IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE (FBC) INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES STATED HEREIN. TESTING IS DOCUMENTED IN SIGNED AND SEALED TEST REPORT NO. CTLA-1457 W-4 AND #CTLA-1457 W-6 AND ASSOCIATED LABORATORY STAMPED DRAWINGS.
2. CODE COMPLIANCE - PRODUCT ANCHORAGE
 - 2.1. THE PRODUCT ANCHORAGE SHOWN HEREIN WAS DESIGNED IN COMPLIANCE WITH THE 2007 FLORIDA BUILDING CODE (FBC) INCLUDING 2009 SUPPLEMENTS AND INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES STATED HEREIN.
 - 2.2. THE PRODUCT ANCHORAGE SHOWN HEREIN WAS DESIGNED IN COMPLIANCE WITH THE 2010 FLORIDA BUILDING CODE (FBC) INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AT THE DESIGN PRESSURES STATED HEREIN.
3. ADEQUACY OF NEW OR EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING OR OTHER STRUCTURAL SYSTEMS USED AS MAIN WIND FORCE RESISTING SYSTEM AND CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION WHICH THE STRUCTURAL INSULATED PANEL PRODUCTS DEFINED IN THIS PRODUCT APPROVAL DOCUMENT MAY INTERFACE WITH IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
4. IF USED FOR FENESTRATION INSTALLATION, 1X AND 2X BUCKS SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, THEN THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
 - 5.1. OUTSIDE HVHZ: REQUIRE THAT A LICENSED ENGINEER OR ARCHITECT PREPARE AND SUBMIT SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT PRODUCT APPROVAL DOCUMENT.
 - 5.2. INSIDE HVHZ: REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND OBTAINED FROM THE MIAMI-DADE COUNTY PRODUCT CONTROL DIVISION.
6. THE STRUCTURAL INSULATED PANEL SHOWN IN THIS PRODUCT APPROVAL DOCUMENT HAS BEEN TESTED AND APPROVED FOR LARGE MISSILE IMPACT RESISTANCE IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AND WIND BORNE DEBRIS REGION (WBDR) AS DEFINED IN THE 2007 FLORIDA BUILDING CODE AND 2010 FLORIDA BUILDING CODE.
7. THE DESIGN CRITERIA PROVIDED DOES NOT INCLUDE THE USE OF A 33% ALLOWABLE STRESS INCREASE WHEN DESIGNING WITH THIS STRUCTURAL INSULATED PANEL.
8. STRUCTURAL INSULATED PANEL (SIP) WALL PANEL STRUCTURAL SPECIFICATIONS:
 - 8.1. ROOF PANEL OR SYSTEM UNDER SEPARATE APPROVAL.
 - 8.2. METAL STUDS SHALL BE COLD FORMED STEEL COMPLYING WITH ASTM- A653 STRUCTURAL QUALITY, GRADE 33 GALVANIZED WITH A MINIMUM G60 FINISH AND A MINIMUM THICKNESS OF 0.063 INCHES.
9. INSULATION MATERIAL CHARACTERISTICS:
 - 9.1. BASF FOAM PLASTICS TESTING:
 - 9.1.1. FLAME SPREAD INDEX PER ASTM E84 IS 20, NOT GREAT THAN 25 REQUIRED BY THE 2007 FBC AND 2010 FBC.
 - 9.1.2. SMOKE DEVELOPMENT PER ASTM E84 IS 450, NOT GREATER THAN 450 REQUIRED BY THE 2007 FBC AND 2010 FBC.
10. RACKING TESTS:
 - 10.1. COMPRESSSION TEST PER ASTM E72
 - 10.1.1. PANEL WIDTH = 3.91 FT
 - 10.1.2. MAXIMUM = 767.0 PLF
 - 10.2. TENSION/RACKING TEST PER ASTM E72
 - 10.2.1. PANEL WIDTH = 7.83 FT
 - 10.2.2. MAXIMUM = 305.0 PLF
11. IN ACCORDANCE WITH THE 2007 FBC AND 2010 FBC, SECTION 2411.3.3.3, WOOD SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS DEFINED IN SECTION 2326.2.
12. AN EXTERIOR FACADE IS REQUIRED. NYLOBOARD PANELS HAVE NOT BEEN TESTED FOR EXTERIOR EXPOSURE TO SUNLIGHT.
13. DESIGN WIND PRESSURE COMPARISON TO DESIGN PRESSURE RATING.
 - 13.1. DESIGN WIND PRESSURES (PSF) DETERMINED IN ACCORDANCE WITH ASCE 7-10 OR THE 2010 FBC, SECTION 1609 OR OBTAINED FROM THE 2010 FRC, TABLE R301.2(2) ARE PERMITTED TO BE MULTIPLIED BY 0.6 FOR COMPARISON TO THE DESIGN PRESSURE RATING (PSF) OF THIS PRODUCT.
 - 13.2. DESIGN WIND PRESSURES (PSF) DETERMINED IN ACCORDANCE WITH ASCE 7-5 OR THE 2007 FBC, SECTION 1609 OR OBTAINED FROM THE 2007 FRC, TABLE R301.2(2) WILL BE COMPARED DIRECTLY TO THE DESIGN PRESSURE RATING (PSF) OF THIS PRODUCT.

DESIGN PRESSURE RATING
±70.0 PSF LARGE MISSILE IMPACT

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT FABRICATION OR INSTALLATION. ANCHORS ARE TO MATCH TYPE, SIZE, LENGTH AND/OR EMBEDMENT OF THOSE SHOWN HEREIN.
3. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
4. FOR INSTALLATION INTO STEEL STUD, USE 1-7/16" LONG NO. 8 SELF TAPPING SCREWS OR TEK SCREWS INSTALLED AT THE HEAD, SILL AND JAMBS 4" MAXIMUM FROM CORNERS AND 4" MAXIMUM O.C. THEREAFTER.
5. INSTALL NYLOBOARD HEAD CAP USING NO. 8 WOOD OR SELF-TAPPING SCREWS 1" FROM EACH END AND 6" MAXIMUM O.C. THEREAFTER. EDGE DISTANCE SHALL BE MINIMUM OF 1".
6. ANCHOR NYLOBOARD SILL CAP USING 3/16" ELCO ULTRACONS WITH SUFFICIENT LENGTH TO ACHIEVE 1 3/8" MINIMUM EMBEDMENT IN CONCRETE. LOCATE ULTRACONS 1" FROM EACH END AND 6" MAXIMUM O.C. THEREAFTER. EDGE DISTANCE SHALL BE MINIMUM OF 3 1/8".
7. INSTALL 5/16" SPAX SCREWS 6" FROM EACH END AND 12" MAXIMUM O.C. THEREAFTER.
8. INSTALL PANELS TO SILL AND HEAD PLATES WITH #8 WOOD SCREWS WITH SUFFICIENT LENGTH TO ACHIEVE 1 1/2" MINIMUM EMBEDMENT. LOCATE SCREWS 4" FROM EACH END AND 4" MAXIMUM O.C. THEREAFTER.
9. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
10. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS. ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER BELOW.
11. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - 11.1. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - 11.2. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2700 PSI.

TABLE OF CONTENT	
SHEET	SHEET DESCRIPTION
1	GENERAL AND INSTALLATION NOTES
2	PLAN VIEW AND DESIGN PRESSURE RATING
3	ELEVATIONS
4	ANCHORING LAYOUTS
5	CROSS SECTIONS
6	BILL OF MATERIALS AND COMPONENTS

PROJECT NUMBER: 411-0711/1007	E	FULL DRAWING UPDATE TO 2007 & 2010 FBC	11/08/11	RJA	DATE
	D	FULL DRAWING UPDATE TO 2007 FBC	09/03/11	TJH	DATE
	C	PER NYLOBOARD PER 11/21/06	11/21/06	BB	DATE
	B	REVISED PER MIAMI-DADE LETTER 11/17/06	11/20/06	BB	DATE
	A	PER MIAMI DADE MARKUPS PER 9/13/06	9/26/06	BB	DATE
	REV	DESCRIPTION			

NYLOBOARD, INC.
14187 INDUSTRIAL BLVD.
CONVINGTON, GA. 30014

TITLE: 4 3/4" STRUCTURAL INSULATED PANEL
LARGE MISSILE IMPACT
GENERAL AND INSTALLATION NOTES

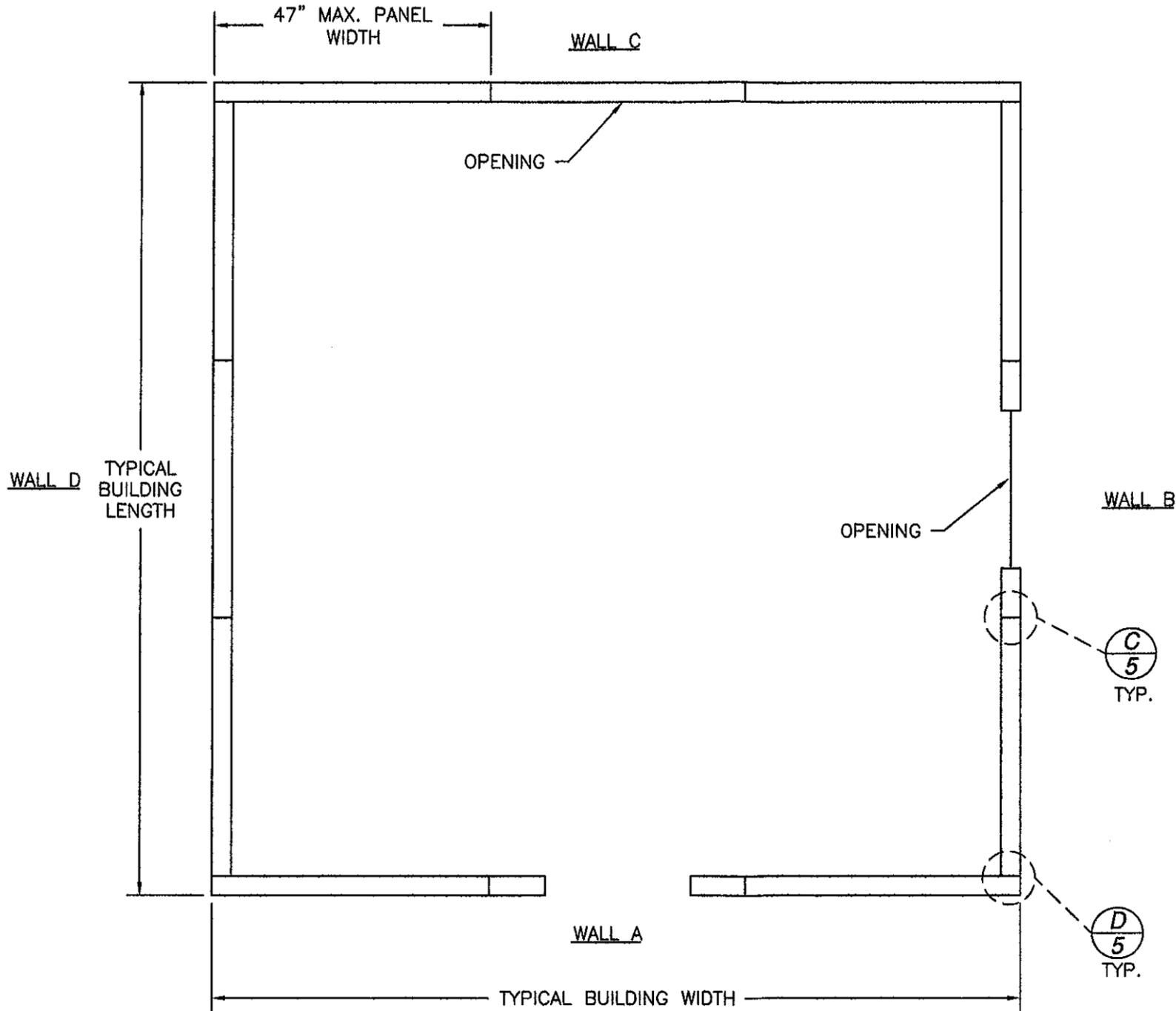
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SCALE: N.T.S. DRAWING NO: NYL0001
REV: E SHEET: 1 OF 6

PREPARED BY:
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
FLORIDA P.E. NO. 28335

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No 11-0907.02
Expiration Date 12/21/2016

By
Miami Dade Product Control

Robert J. Amoruso, P.E.
FL P.E. No. 49752



PLAN VIEW
 (FOR SHOW PURPOSE ONLY)
 TYPICAL SIP STRUCTURE

PROJECT NUMBER: 411-0711/1007			
E	FULL DRAWING UPDATE TO 2007 & 2010 FBC	11/08/11	RJA
D	FULL DRAWING UPDATE TO 2007 FBC	09/03/11	TJH
C	PER NYLOBOARD PER 11/21/06	11/21/06	BB
B	REVISED PER MIAMI-DADE LETTER 11/17/06	11/20/06	BB
A	PER MIAMI DADE MARKUPS PER 9/13/06	9/26/06	BB
REV	DESCRIPTION	DATE	BY

NYLOBOARD, INC.
 14187 INDUSTRIAL BLVD.
 CONVINGTON, GA. 30014

TITLE: 4 3/4" STRUCTURAL INSULATED PANEL
 LARGE MISSILE IMPACT
 PLAN VIEW AND DESIGN PRESSURE RATING

PREPARED BY: **FB**
 PTC-PRODUCT DESIGN GROUP, LLC
 PO BOX 520775
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 FBPE CA. NO. 25835
 Phone: 321.690.1788
 Fax: 321.690.1789
 Email: info@ptc-corp.com

DRAWN BY: DRL
 DATE: 05/03/06

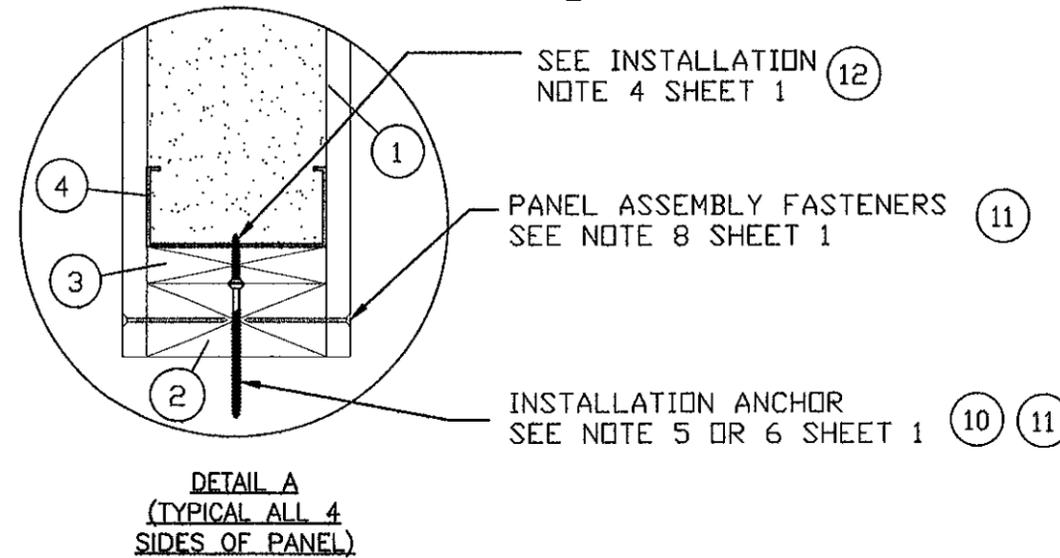
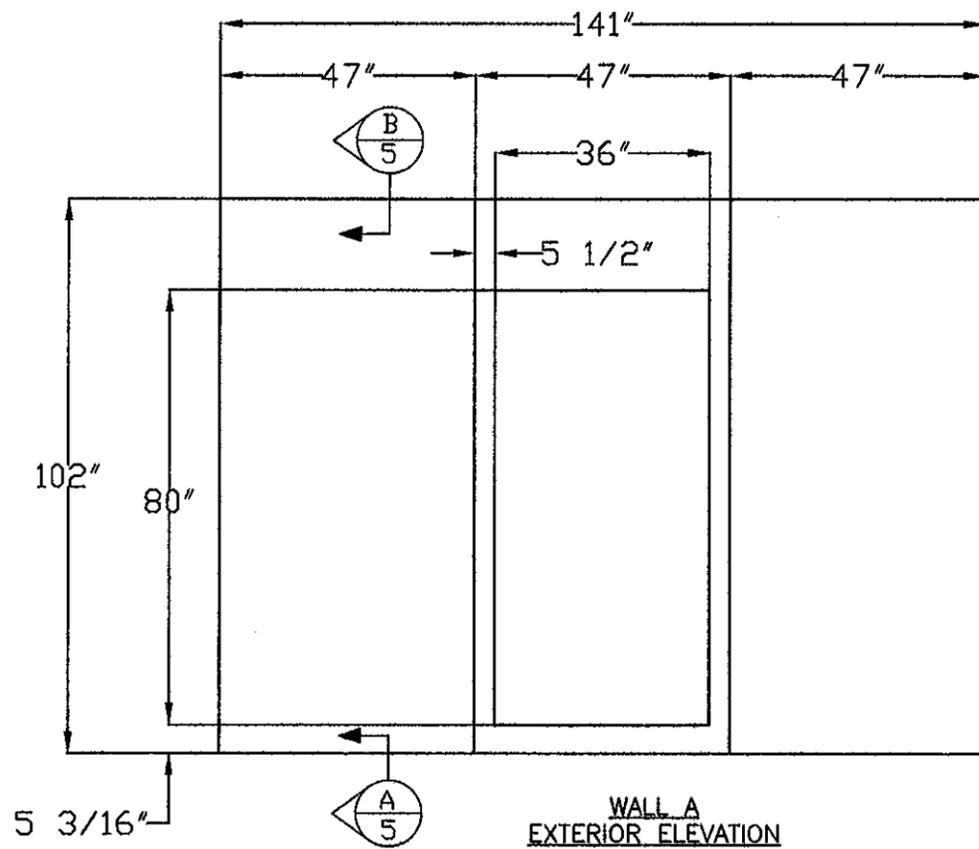
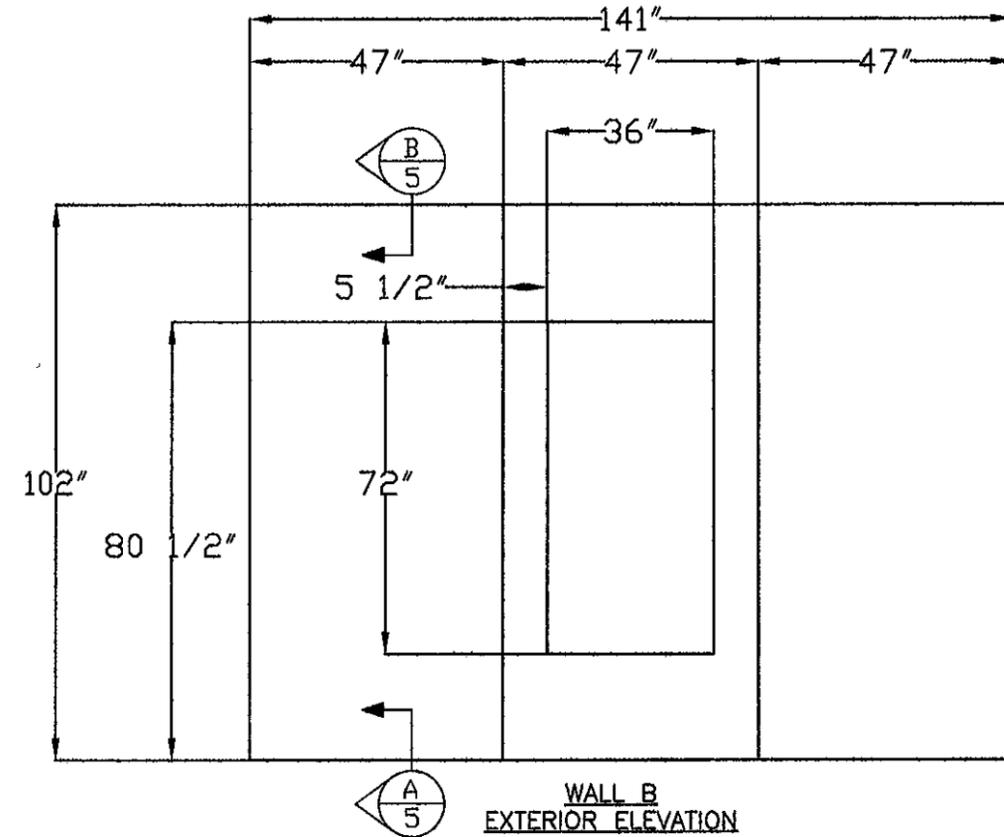
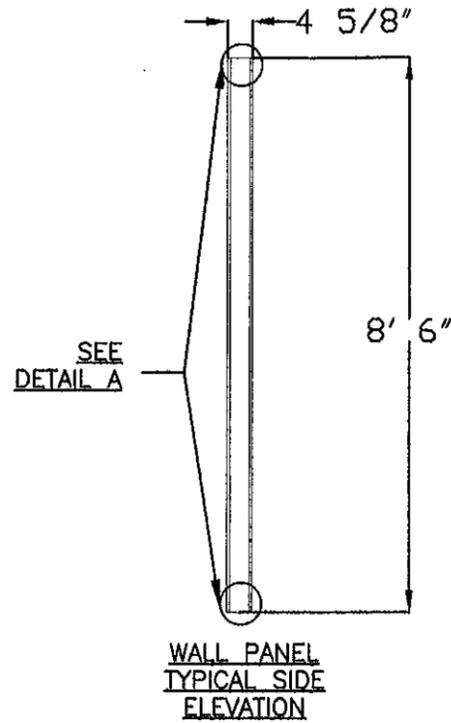
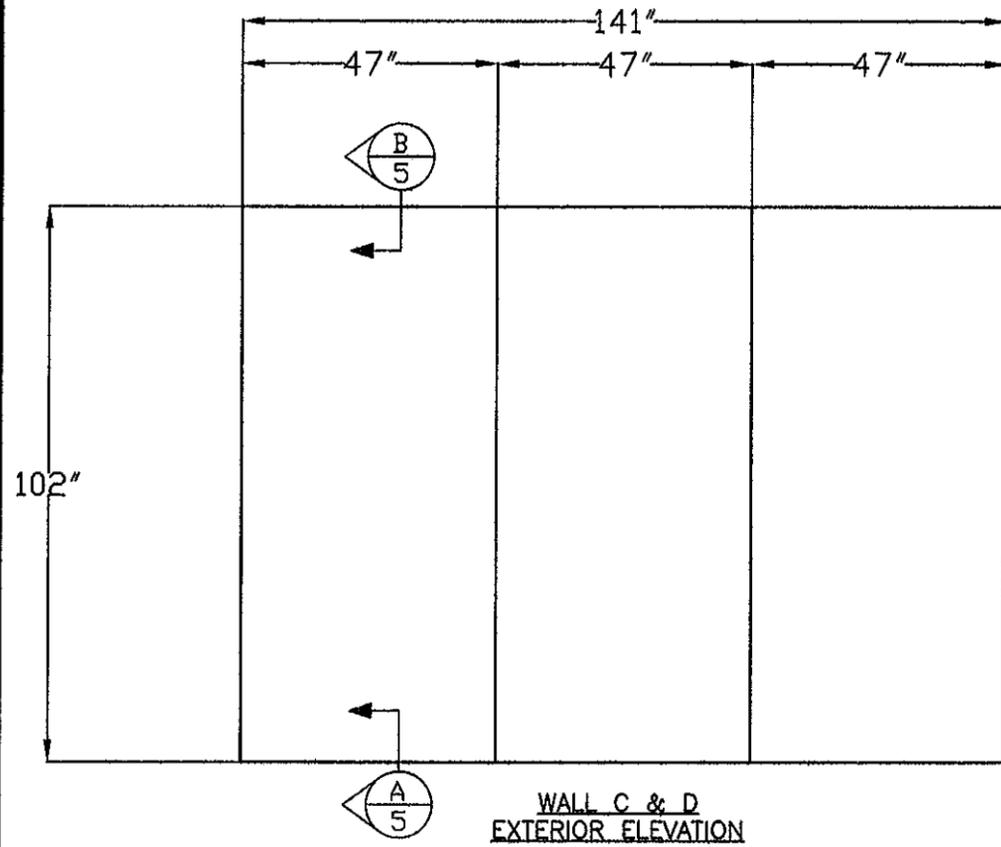
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 DRAWING NO: NYL0001

REV: E
 SHEET: 2 OF 6

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 11-0907.02
 Expiration Date 12/21/2016

By *Robert J. Amoruso*
 Miami Dade Product Control

Robert J. Amoruso, P.E.
 FL P.E. No. 49752



PROJECT NUMBER: 411-0711/1007

REV	DESCRIPTION	DATE	BY
E	FULL DRAWING UPDATE TO 2007 & 2010 FBC	11/08/11	RJA
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NYLOBOARD, INC.
14187 INDUSTRIAL BLVD.
CONVINGTON, GA. 30014

TITLE: 4 3/4" STRUCTURAL INSULATED PANEL
LARGE MISSILE IMPACT
ELEVATIONS

DATE: 05/03/06
DRAWING NO: NYL0001
SHEET: 3 OF 6

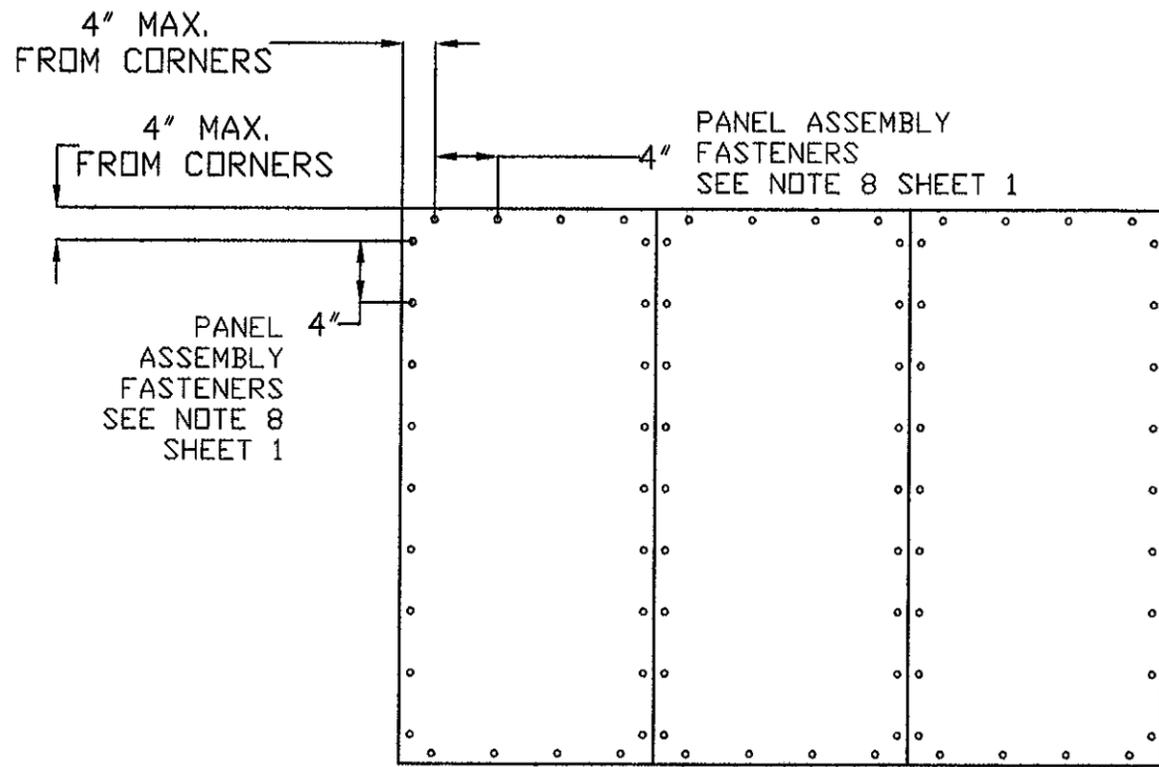
PREPARED BY: E
DRAWN BY: DRL
SCALE: N.T.S.
REV: E

NYLOBOARD, INC.
321.690.1788
321.690.1789
PO BOX 520725
LONGWOOD, FLORIDA 32752
FAX: 321.690.1788
E-MAIL: info@nylo-board.com

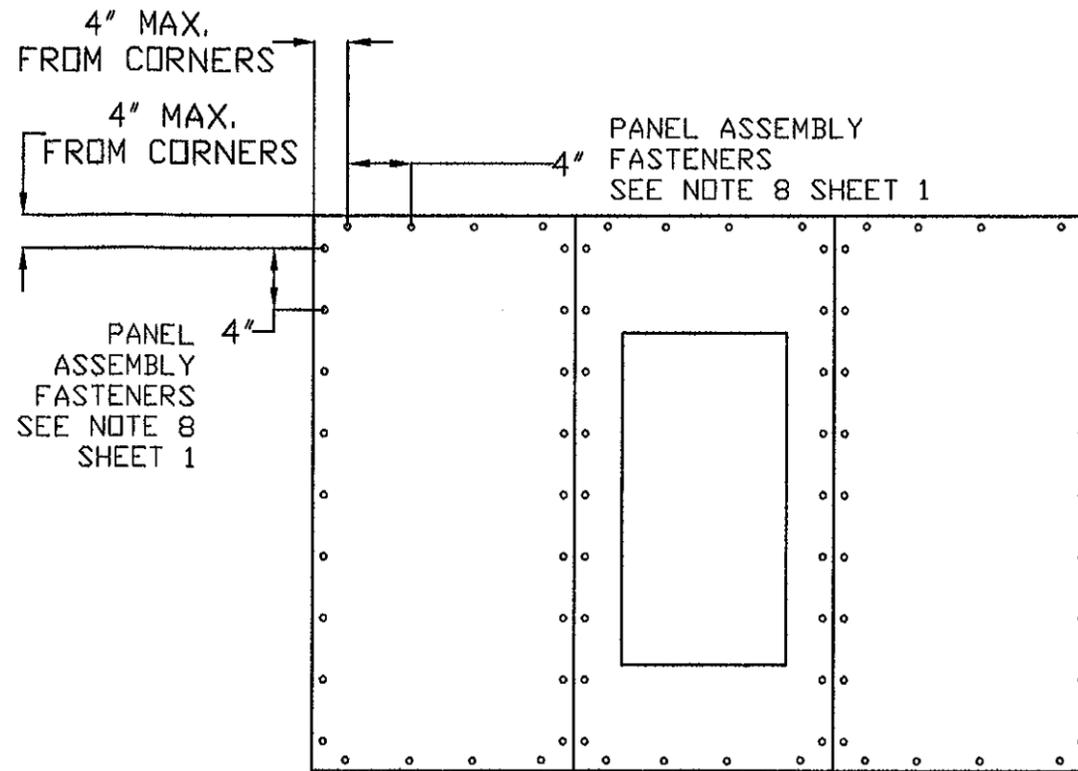
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-0907.02
Expiration Date 2/21/2016
By *Heidi...*
Miami Dade Product Control

Robert J. Amoruso, P.E.
FL P.E. No. 49752

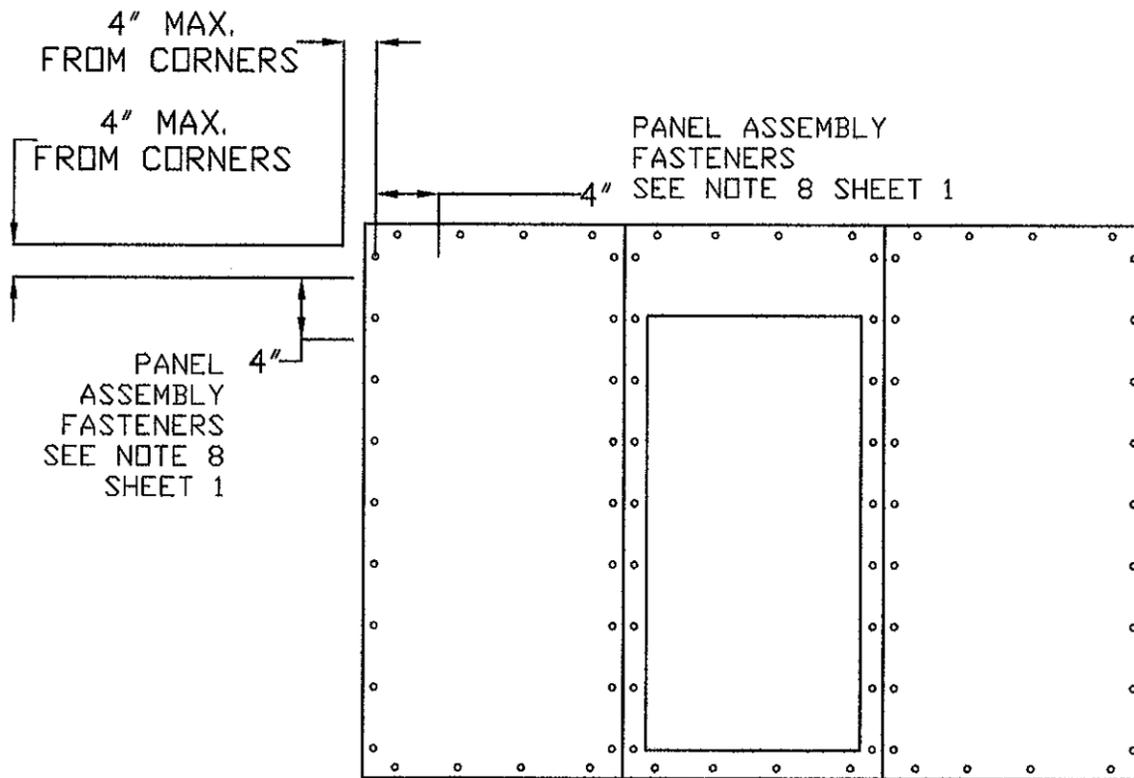
ROBERT JAMES AMORUSO
LICENSE
No 49752
11/8/11
STATE OF
FLORIDA
PROFESSIONAL ENGINEER



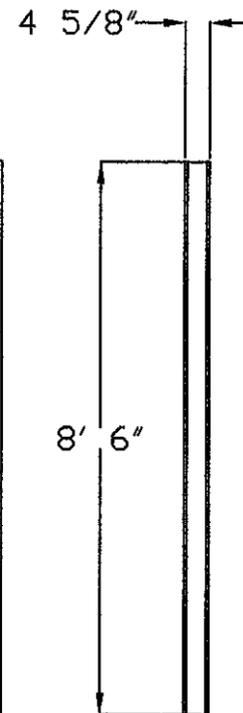
WALL PANEL
EXTERIOR ELEVATION



WALL PANEL W/OPENING
EXTERIOR ELEVATION



WALL PANEL W/DOOR OPENING
EXTERIOR ELEVATION



WALL PANEL
TYPICAL SIDE
ELEVATION

PROJECT NUMBER: 411-0711/1007

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NYLOBOARD, INC.
14187 INDUSTRIAL BLVD.
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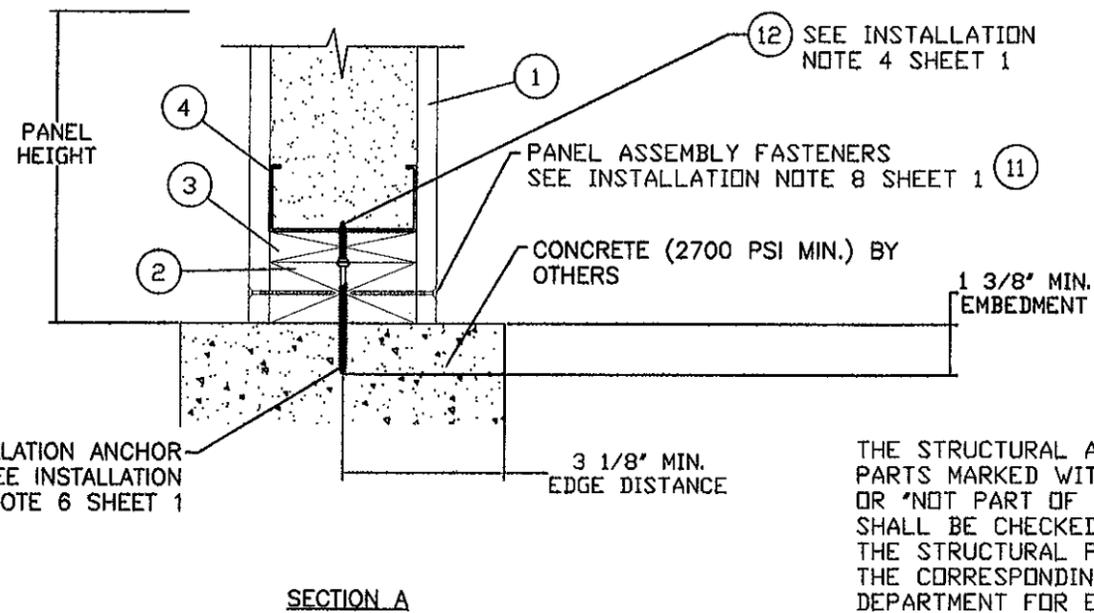
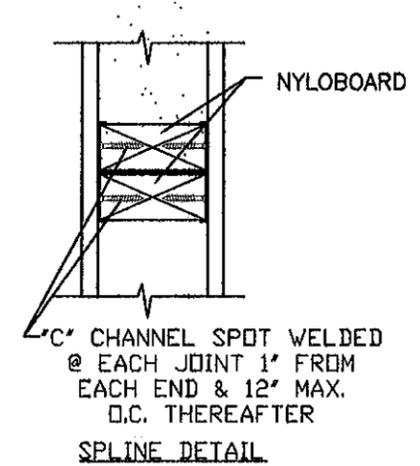
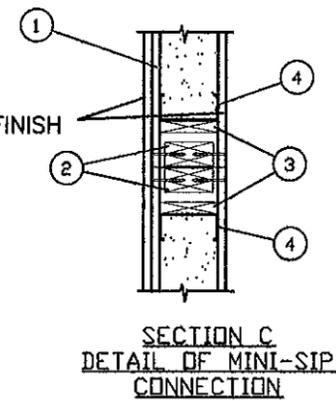
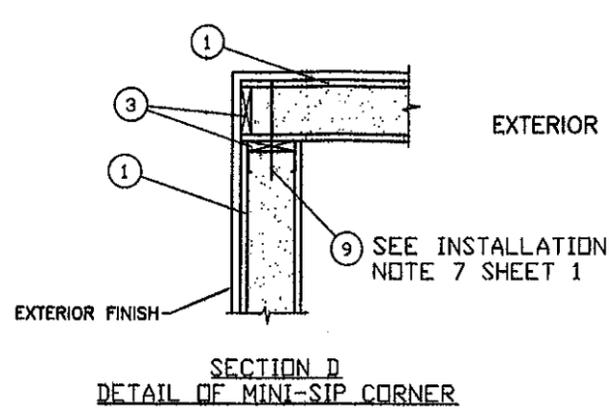
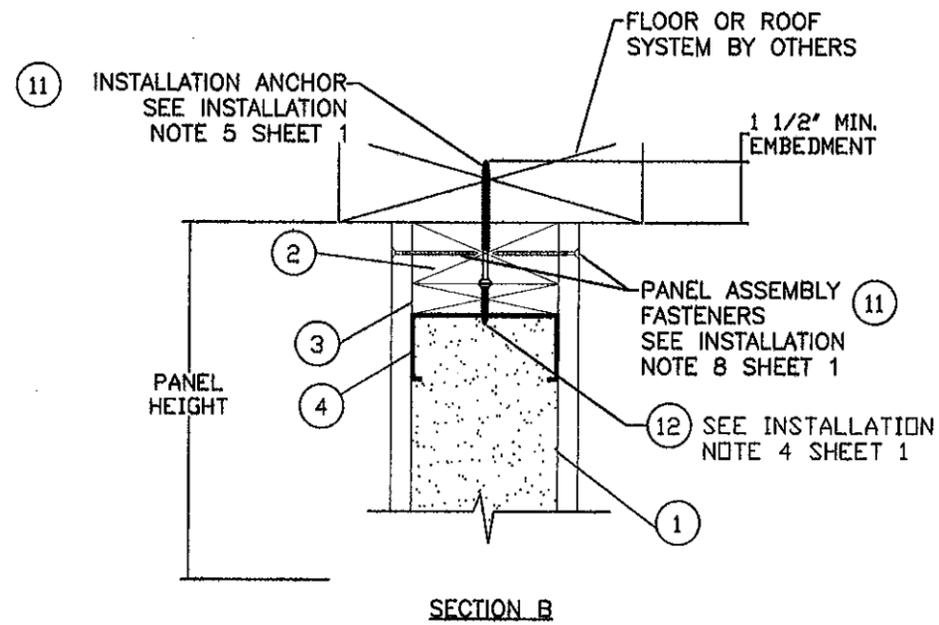
TITLE: 4 3/4" STRUCTURAL INSULATED PANEL
LARGE MISSILE IMPACT
ANCHORING LAYOUTS

PREPARED BY: DRL
SCALE: N.T.S.
DATE: 05/03/06
DRAWING NO: NYL0001
SHEET: 4 OF 6

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 320725
LONGWOOD, FLORIDA 32762
Phone: 321.690.1788
Fax: 321.690.1789
Email: info@ptc-corp.com

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-0907.02
Expiration Date 12/21/2016
By *Halley A. Miller*
Miami Dade Product Control

Robert J. Amoruso, P.E.
FL P.E. No. 49752



THE STRUCTURAL ADEQUACY OF ALL PARTS MARKED WITH "BY OTHERS" OR "NOT PART OF THIS APPROVAL" SHALL BE CHECKED & APPROVED BY THE STRUCTURAL PLANS EXAMINER OF THE CORRESPONDING BUILDING DEPARTMENT FOR EACH JOB.

PROJECT NUMBER: 411-0711/1007	
FULL DRAWING UPDATE TO 2007 & 2010 FBC	RJA 11/08/11
FULL DRAWING UPDATE TO 2007 FBC	TJH 09/03/11
PER NYLOBOARD PER REVISED PER MIAMI-DADE LETTER 11/21/06	BB 11/21/06
PER MIAMI DADE PER MARKUPS PER 9/13/06	BB 11/20/06
DESCRIPTION	DATE
REV	BY

NYLOBOARD, INC.
 14187 INDUSTRIAL BLVD.
 CONVINGTON, GA. 30014

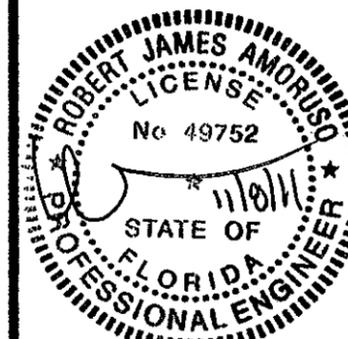
TITLE: 4 3/4" STRUCTURAL INSULATED PANEL
 LARGE MISSILE IMPACT
 CROSS SECTIONS

PREPARED BY: DRL
 SCALE: N.T.S.
 DATE: 05/03/06
 DRAWING NO: NYL0001
 SHEET: 5 OF 6

PTC PRODUCT DESIGN GROUP, LLC
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 Phone: 321.690.1788
 Fax: 321.690.1788
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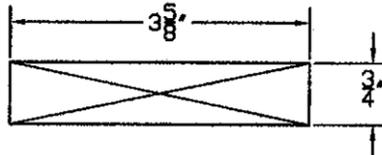
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 By *Robert J. Amoruso*
 Miami Dade Product Centre

Robert J. Amoruso, P.E.
 FL P.E. No. 49752

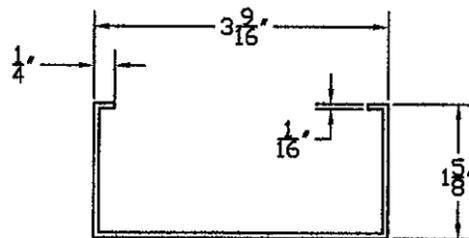


BILL OF MATERIAL		
ITEM #	DESCRIPTION	VENDOR
1	4-5/8" THICK NYLOBOARD PANEL	NYLOBOARD
2	1-1/2" X 3 5/8" NYLOBOARD SILL & HEAD PLATE & JAMBS	NYLOBOARD
3	3/4" X 3 5/8" NYLOBOARD END CAP	NYLOBOARD
4	16 GAUGE STEEL STUD	CLARK STEEL
9	5/16" SPAX SCREW	PURCHASED
10	3/16" ELCO ULTRACDN	PURCHASED
11	NO. 8 WOOD OR SELF-TAPPING SCREW	PURCHASED
12	NO. 8-18 X 1 7/16" SELF-TAPPING OR TEK SCREW	PURCHASED
13	PL POLYURETHANE CONSTRUCTION ADHESIVE	PURCHASED

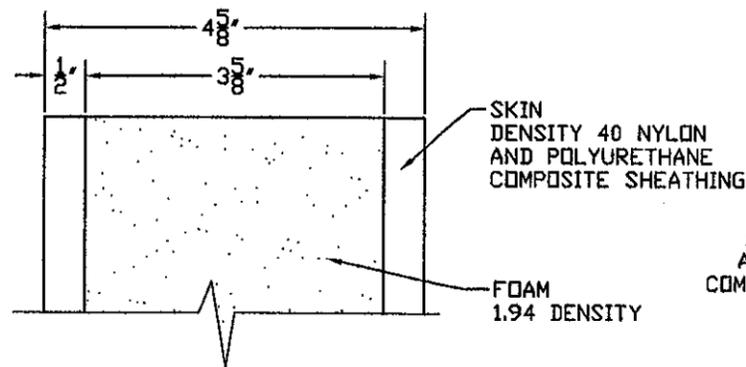
③ NYLOBOARD END CAP
DENSITY 40 NYLON
AND POLYURETHANE
COMPOSITE SHEATHING



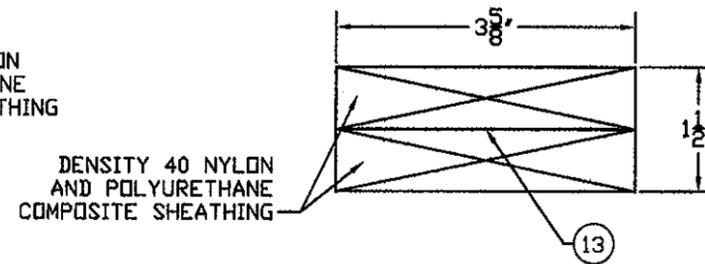
④ 16 GAUGE STEEL STUD



① STRUCTURAL INSULATED
NYLOBOARD PANEL



② NYLOBOARD SILL
& HEAD CAP



PROJECT NUMBER: 411-0711/1007			
E	FULL DRAWING UPDATE TO 2007 & 2010 FBC	11/08/11	RJA
D	FULL DRAWING UPDATE TO 2007 FBC	09/03/11	TJH
C	PER NYLOBOARD PER 11/21/06	11/21/06	BB
B	REVISED PER MIAMI-DADE LETTER 11/17/06	11/20/06	BB
A	PER MIAMI DADE MARKUPS PER 9/13/06	9/26/06	BB
REV	DESCRIPTION	DATE	BY

NYLOBOARD, INC.
14187 INDUSTRIAL BLVD.
CONVINGTON, GA. 30014

TITLE: 4 3/4" STRUCTURAL INSULATED PANEL
LARGE MISSILE IMPACT
BILL OF MATERIALS AND COMPONENTS

DRAWN BY: DRL
SCALE: N.T.S.
DATE: 05/03/06
DRAWING NO: NYL0001
SHEET: 6 OF 6

NYLOBOARD, INC.
PO BOX 520775
LONGWOOD, FLORIDA 32762
PHONE: 321.690.1788
FAX: 321.690.1789
EMAIL: info@nylo-board.com

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 11-0907.02
Expiration Date 12/31/2016
By *Helmy A. Amoruso*
Miami Dade Product Control

Robert J. Amoruso, P.E.
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