



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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

Variant-Haus GmbH
Rostocker Straße 19
D-34225 Baunatal, Germany

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: Series "Neopor ICF" Insulated Concrete Form – Component Approval

APPROVAL DOCUMENT:

Drawing No. **08-027**, titled "Series Neopor ICF Thermal Insulation Wall Forming System", sheets 1 through 5 of 5, dated 02/25/2008 with the latest revision, dated 06/10/2008, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit, 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: None

LABELING:

Each unit shall bear a permanent label with the manufacturer's name or logo, **Zdunska Wola, Poland** 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 pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P.E.**



J. Gascon
6/19/08

NOA No. 06-1214.01
Expiration Date: July 10, 2013
Approval Date: July 10, 2008
Page 1

Variant-Haus GmbH

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **08-027**, titled "Series Neopor ICF Thermal Insulation Wall Forming System", sheets 1 through 5 of 5, dated 02/25/2008 with the latest revision, dated 06/10/2008, prepared by Tilteco, Inc., signed and sealed by Walter A. Tillit, P.E.

B. TESTS OF

I. PLASTIC TIES

<u>Test Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1. ETC-08-1121-20524.0	ASTM D 1929	02/06/08	Joseph Labora Doldan, P.E.
2. ETC-08-1121-20524.0	ASTM D 2843	02/06/08	Joseph Labora Doldan, P.E.
3. ETC-08-1121-20524.0	ASTM D 635	02/06/08	Joseph Labora Doldan, P.E.

II. "ICF" INSULATING MATERIAL BLOCKS

<u>Test Report</u>	<u>Test</u>	<u>Date</u>	<u>Signature</u>
1. RD063570TR	ASTM C 518	12/06/06	David W. Yarbrough, P.E.
2. RD063571TR	ASTM C 518	12/06/06	David W. Yarbrough, P.E.
3. RD063572TR	ASTM C 518	12/06/06	David W. Yarbrough, P.E.
4. RD063574OE	ASTM C 739	12/06/06	David W. Yarbrough, P.E.
5. RD063575CO	ASTM C1017 and C 665	12/06/06	David W. Yarbrough, P.E.
6. RD063577WV	ASTM C 1104	12/06/06	David W. Yarbrough, P.E.
7. RD063510WV	ASTM E 96	12/06/06	David W. Yarbrough, P.E.
8. RD063576FR	ASTM C 1338	12/06/06	David W. Yarbrough, P.E.
9. RD063573CR	ASTM E 970	12/06/06	David W. Yarbrough, P.E.
10. 3107116SAT-001	ASTM E 84	10/19/06	Christopher W. C. Bowness, P.E.
11. 3107116SAT-002	ASTM D 635	10/27/06	Christopher W. C. Bowness, P.E.
12. 3107116SAT-003	ASTM D 1929	10/27/06	Christopher W. C. Bowness, P.E.

C. CALCULATIONS

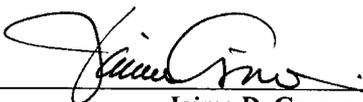
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D. QUALITY ASSURANCE

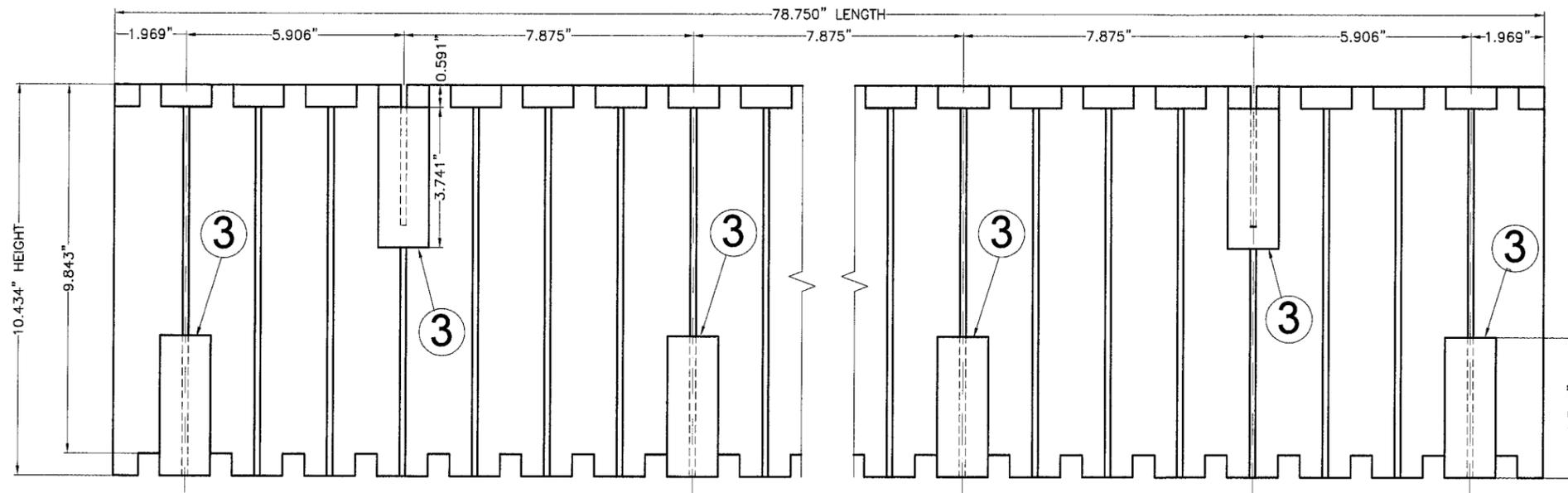
1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

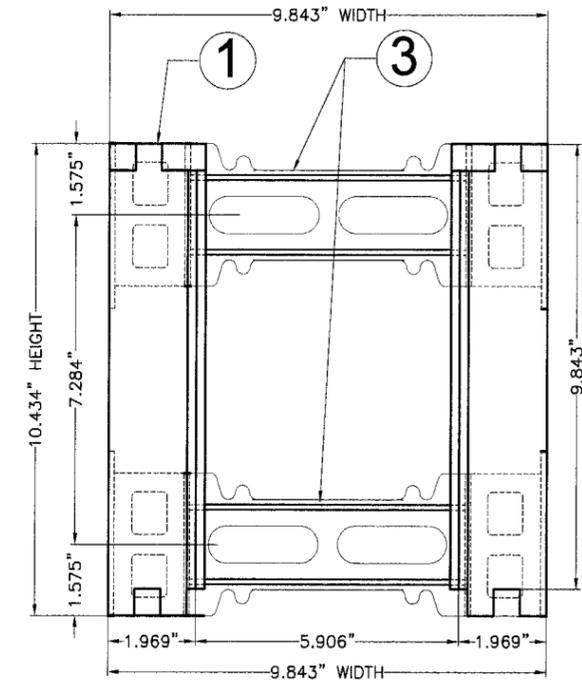
1. None



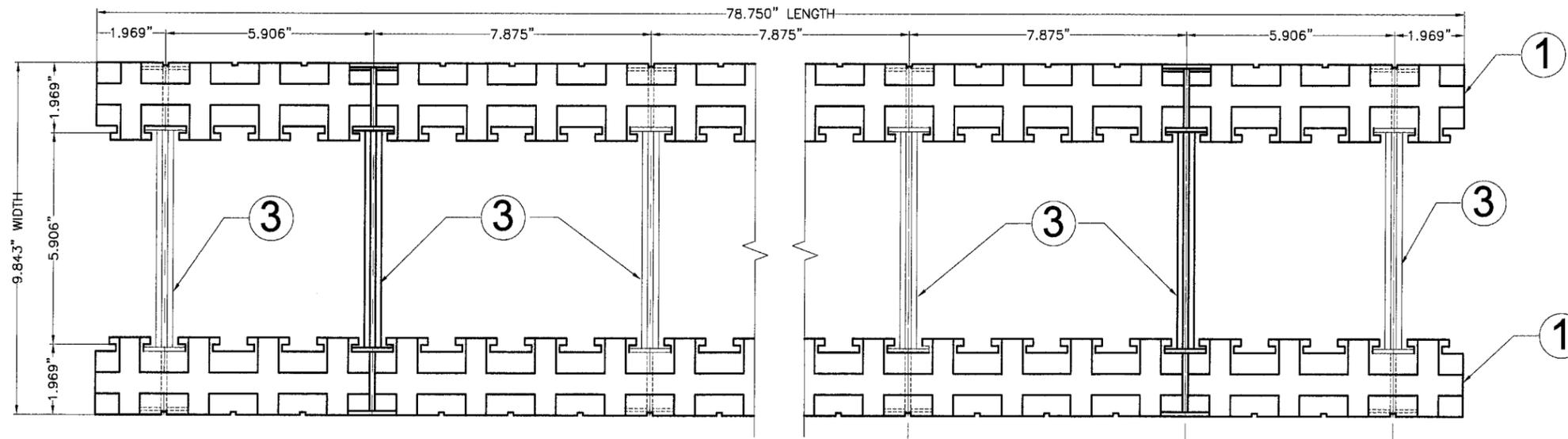
Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No. 06-1214.01
Expiration Date: July 10, 2013
Approval Date: July 10, 2008



TYPICAL FRONT ELEVATION



TYPICAL SIDE ELEVATION



TYPICAL PLAN

**NOTE: SEE DETAIL FOR
PLASTIC TIE ③ ON
SHEET 4**

Approved as complying with the
Florida Building Code
Date 07/10/2008
NOA# 06-1714-01
Miami Code Product Control
Division
By *[Signature]*

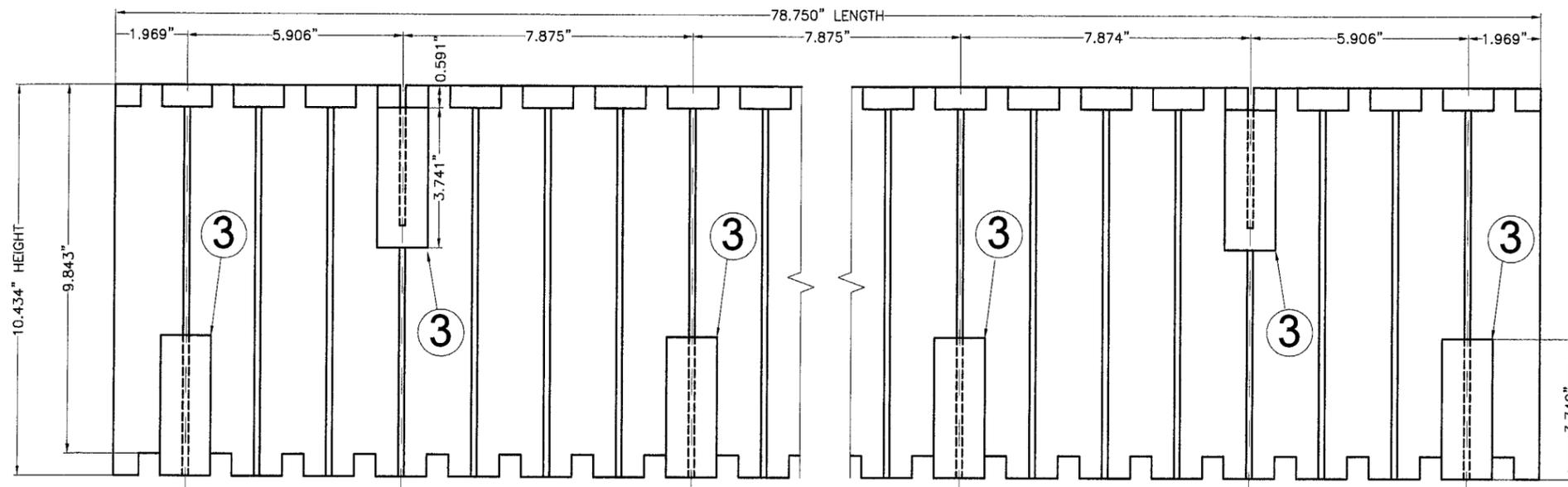
F.B.C. (HIGH VELOCITY HURRICANE ZONE)

**① SERIAL 25 INSULATION BLOCK W/
PLASTIC TIE MCFU 2/25 ③**

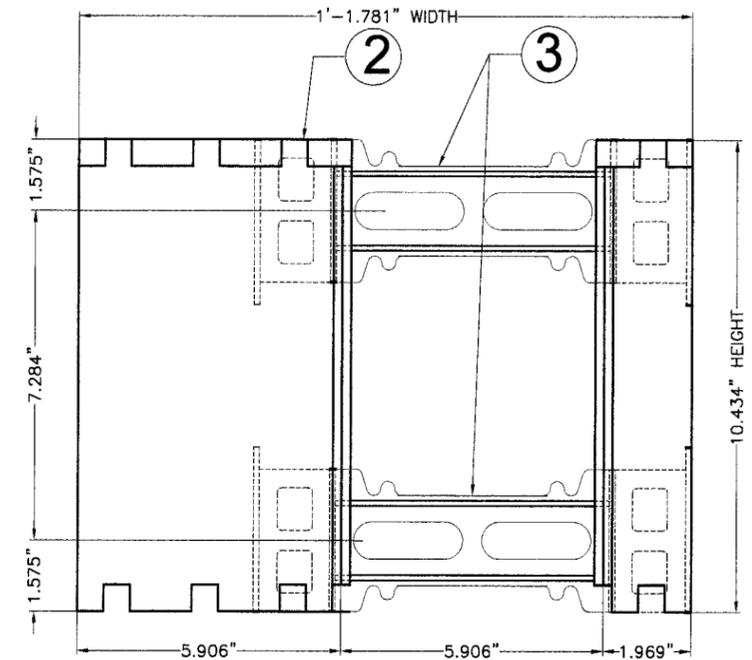
[Signature]
07/10/08
P.E. SEAL/SIGNATURE/DATE

© 2008 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

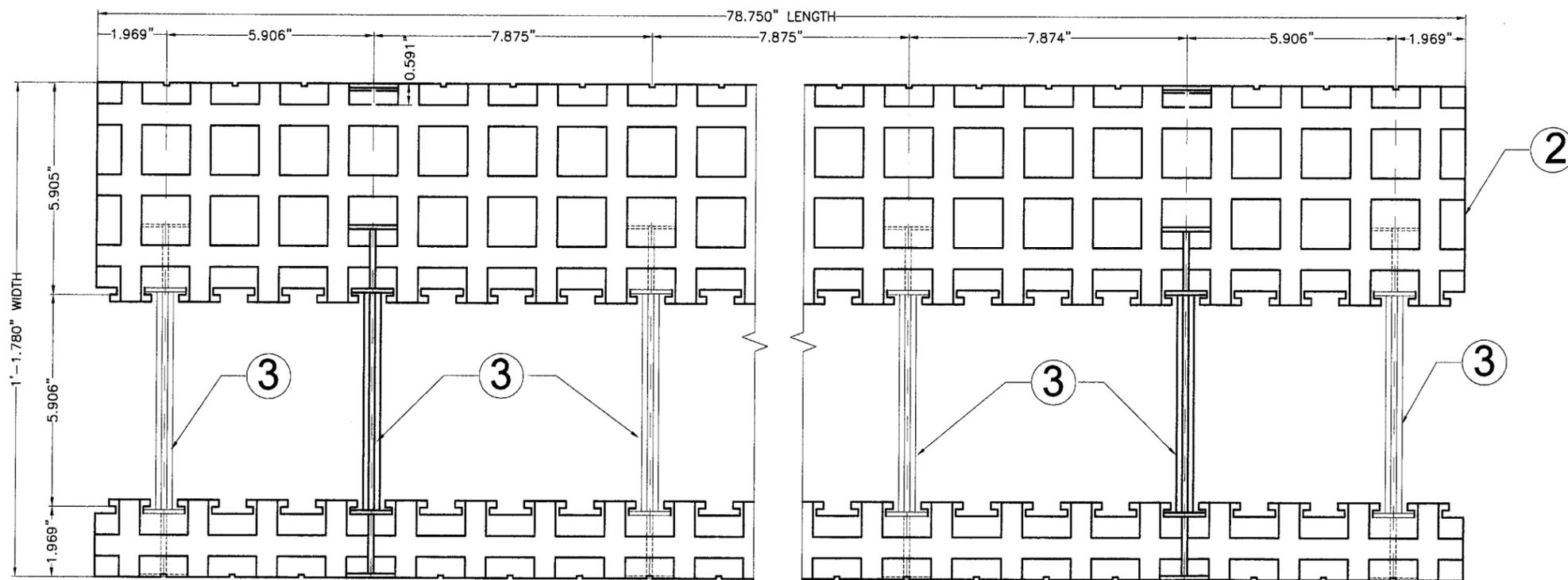
NEOPOR® ICF THERMAL INSULATION WALL FORMING SYSTEM		DRAWN BY M.C.V.	
VARIANT-HAUS GmbH ul. CERAMICZNA 2 98-220 ZDUNSKA WOLA POLAND		02/25/08 DATE	
REV. No		DESCRIPTION	
1		3	
2		4	
08-027 DRAWING No		SHEET 2 OF 5	



TYPICAL FRONT ELEVATION



LEFT SIDE ELEVATION



TYPICAL PLAN

NOTE: SEE DETAIL FOR PLASTIC TIE ③ ON SHEET 4

Approved as complying with the Florida Building Code
 Date 07/10/2008
 NOA# 06-1214.01
 Miami Date Product Control Division
 By *[Signature]*

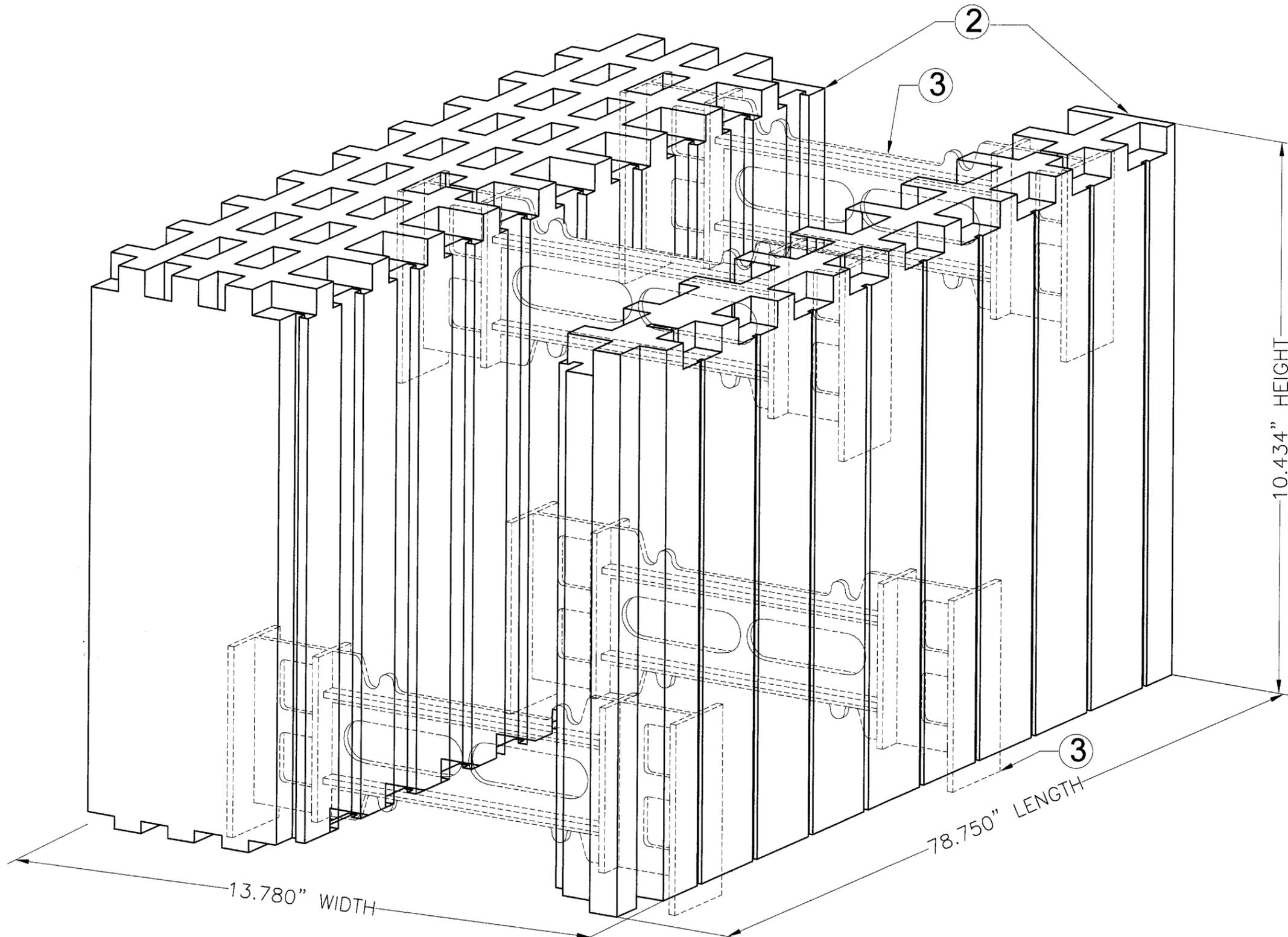
F.B.C. (HIGH VELOCITY HURRICANE ZONE)

② SERIAL 35 INSULATION BLOCK W/ PLASTIC TIE MCFU 2/35 ③

[Signature]
 07/10/08
 P.E. SEAL/SIGNATURE/DATE

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 e-mail: tilteco@aol.com
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NEOPOR® ICF THERMAL INSULATION WALL FORMING SYSTEM		DRAWN BY M.C.V.	
VARIANT-HAUS GmbH		02/25/08 DATE	
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REV. No	DESCRIPTION	DATE	REV. No
1			3
2			4
		SHEET 3 OF 5	



Approved as complying with the
 Florida Building Code
 Date: 07/10/2008
 PDAL: 06-1214-01
 Miami-Dade Product Control
 Division
 By: *[Signature]*

ISOMETRIC FOR ② W/ PLASTIC TIE MCFU 2/35 ③

F.B.C. (HIGH VELOCITY HURRICANE ZONE)

 6/11/08 P.E. SEAL/SIGNATURE/DATE	© 2008 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	NEOPOR® ICF THERMAL INSULATION WALL FORMING SYSTEM VARIANT-HAUS GmbH ul. CERAMICZNA 2 98-220 ZDUNSKA WOLA POLAND	DRAWN BY M.C.V. 02/25/08 DATE 08-027 DRAWING No																
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