The Drawingboard

April 2013 Volume 13, Number 4

In This Issue

- President's Message
- NYC Rules
- Next Meeting Announcement
- Student Outreach
- Engineering Technology
- Classifieds
- Professional Services Directory

Board of Directors

George L. Tavoulareas, P.E. Richard Berkenfeld, PF President. (718) 352-0025 1st Vice Pres.

John Sgouros, P.E.

Treasurer (718) 956-3488



Secretary
Tony Paolo

Editor/Publisher
Tony DiRuggiero, P.E.

www.nspequeens.org

President's Message

By George Tavoulareas, P.E.
President gltpe@msn.com

I am saddened to inform you that Rocco DiRuggiero, PE passed away last Thursday. Rocco is a professional engineer with over thirty years of experience as a public servant with the NYC DOT. Rocco is survived by his two sons and his wife. His son Tony is a professional engineer and our Drawingboard editor. May his memory be eternal.

Congratulations to Queensborough Community College located in Bayside, NY for receiving the 1st Prize in the Mechanical Engineering Technology Project Category for their Fuel Cell Go-Cart Project. The competition was held at the Westchester Engineering Expo last week.

The NYC Department of Design and Construction posted four job notices that did not require a professional engineer to supervise the These postings are highly technical in nature and clearly require a professional engineer to interpret data pertaining to testing, hazardous materials, surveying, etc. Each of these positions entails the practice of Engineering which by NY State law requires that the holder of that position be a licensed Professional Engineer. In addition, the "Minimum Qualification Requirements" has been expanded to include disciplines that are irrelevant to the core requirements of the job, including a law degree. I certainly wouldn't feel comfortable having a lawyer review test data pertaining to asbestos and other hazardous materials. Anthony Fasano, PE the state's Executive Director filed a complaint with the NYC DDC commissioner and with Jane Blair the Executive Secretary for the NY State Engineering Board. The letter can be read in this issue of the Drawingboard.

Next General Membership Meeting

The next general membership meeting will be held on Thursday April

Immediate Past Presidents

2008/2010 Chris Petallides, 2004/2005 P.E. 1998/2000 (718) 961-4342 Brian Flynn 2006/2008 (718) 707-0416 P.E. John Zurita, 2002/2003 (718) 756-0320 PE Sal Galletta, 2000/2002 (212) 788-8199 P.E. Joel Miele, Jr., 1996/1998 P.E. (718) 894-2222 Chris Sideris, 1994/1996 (718) 224-9091 P.E. Robert Lo Pinto, 1990/1992

(718) 746-7122

25, 2013 at 6:15pm. at 422 Weaver Ave in Ft. Totten, NY. 1PDH \$10 for members; \$15 for non-members, Students are free and are encouraged to attend

Innovations in Brick Veneer and Metal Stud Backup Michael G. Gurevich, Masonry Consultant NYC Brickwork Design Center

Topics Include:

- Basic Behaviors of Brick Veneer Masonry Wall Systems
- Detailing and Specifications of Exterior Wall Systems
- Engineer Design of Wall Systems
- Brick Veneer Installation, Field Inspection and Quality Control

Proposed rules governing the City of New York

Directors 2008-2010

P.E.

Gregory Georges, PE Mike Karantinidis, P.E, John Kepertis, P.E. (718) 482-0800 (718) 4343-6989 (718) 544-7878 Issam Aburafeh, P.E. (718) 276-9200

http://www.nyc.gov/html/nycrules/html/proposed/proposed.shtml

New rules include clarifications to minimum elevations of structures in flood prone areas; and inspections of potentially structurally compromised structures.

Directors 2008-2009

James Manoussoff, P.E.

Bernard Haber, P.E. (718) 224 2146 Eliot Shapiro, P.E. (516) 791-2300 Xenophon Caviris, P.E. (516) 752-1687 Peter Boudouvas, (212) 594-4340

Robert Weiner, P.E.

P.E.

Website of the Month

ASCE Earth Day

https://plus.google.com/101241182242997553544/posts/fiok2U9vKaJ

AEA "Student outreach Program"

The Queens Chapter Board has endorsed the American Engineering Alliance's (AEA) "Student Outreach Program". Sal Galletta, PE, past president of the Queens Chapter and current chair of AEA is mobilizing our colleagues in the Engineering Community to support AEA's bold and ambitious initiative. As part of this effort, Sal has reached out to NYSSPE president-elect, Keith Lashway, PE and Rudi Sherbansky, PE, of the NYSSPE, Manhattan Chapter to spearhead a concerted effort of engaging our academic Engineering colleagues at CCNY. The intent of this undertaking is to enlist the support of the administration at CCNY to allow us, practicing Engineers, to interact with the students and to, introduce certain concepts and issues in the Engineering curriculum that students need to know in today's challenging environment. Sal is hoping to set up a meeting with CCNY officials in the coming weeks. (see below the proposed meeting agenda)

WORKING MEETING WITH CCNY FACULTY LEADERS

PROPOSED AGENDA

Preface:

Practitioners of our fellow Professions of Medicine and Law exercise a significant degree of control over the curriculums under which the future candidates of these callings are prepared to take over the reins of their service to Society. An integral part of the curriculums that both nurture is" Ethics". Ethical behavior is sharply defined in Medicine and Law, and is the foundation of how the practitioners of these Professions deliver their If there is no clear and universally observed ethical code for service to the Public. Engineers, we cannot truly be recognized as Professionals of equivalent stature to Doctors and Lawyers. It is therefore our intention as practicing Professionals to help introduce into Engineering Curriculums the necessary values and collective wisdom that will help form the framework of the way Engineering should be practiced, into the minds of today's Engineering students. In this way we can better prepare them to meet the challenges of the 21st Century. Specifically, we propose as a beginning, that the following subjects be stressed as subjects by themselves, and interspersed into the technical classes of the Engineering Curriculums:

- Understanding the Engineer's role in Society
- The importance of Licensure
- Integrity
- Leadership traits and skills
- Teamwork
- Communication Skills
- The Global Market
- Challenges (and Opportunities) facing Engineers in the 21st Century

April 11, 2013 (Revised April 16, 2013)

Jane W. Blair, PE
Executive Secretary
New York State Boards for Engineering and Land Surveying, and Interior Design
Office of the Professions - New York State Education Department
89 Washington Avenue, 2nd Fl. Mezzanine, East Wing
Albany, NY 12234

Dear Ms. Blair,

The following is a revision to the letter sent you on April 11, 2013. We made some minor changes to the wording of our complaint which we believe make it more accurate with respect to current regulations.

As a follow up to our discussion at your recent board meeting, on behalf of the New York State Society of Professional Engineers (NYSSPE) I wanted to again express concern regarding the publication of several "Job Posting Notices" by the New York City Department of Design and Construction (DDC). Specifically, I am referring to the following job postings (see attachment):

- 1. Administrative Project Manager: Engineer-in-Charge (Job ID: 113072)
- 2. Administrative Project Manager: Deputy Director Field Operations (Job ID:112968)
- 3. Administrative Project Manager: Section Chief-Hazard Materials (Job ID: 113019)
- 4. Administrative Project manager: Director of Site Engineering (Job ID: 114998)

We feel strongly that all of the above four job postings are high-level technical positions that require a professional engineering (P.E.) license. Based on these descriptions, we believe that these technical positions entail the practice of engineering, which by NY State law requires that the holder of each position be a licensed Professional Engineer. In addition, the "Minimum Qualification Requirements" on these postings have been expanded to include disciplines that are <u>irrelevant</u> to the core requirements of the job. At best, these requirements, e.g. a degree in business administration or public administration, are useful in the execution of the responsibilities of the position, but not to the technical aspects of the job.

We do not believe that interpreting technical data pertaining to materials testing, hazardous materials, surveying, etc. as listed in the job applications can be legally performed by an attorney, etc. in New York State as this work falls under the practice of engineering. Furthermore, the safety and well being of the public is an engineer's paramount responsibility and the selection of parties without sufficient technical knowledge necessary for the sound performance of these positions would place the health and safety of the public at risk.

We are seeking the advice of the New York State Boards for Engineering and Land Surveying, and Interior Design on how to proceed in addressing this matter.

Please feel free to contact me to discuss these issues.

Sincerely,

Anthony Fasano, PE Executive Director, NYSSPE

Cc: NYSSPE MCPC, NYS DDC

<u>President</u> Michael R. Hayes, PE

<u>President-Elect</u> Keith F. Lashway, PE

lice Presidents

.aura M. Pellizzi, PE .ong Island Region

Alfred H. Brand, PE New York City Region

Susan Fasnacht, PE Mīd-Hudson Region

lames J. Kuhn PE Northeast Region

Christopher Ward, PE Central New York Region

Robert K. Winans PE Nestern Region

Interest Group Vice Presidents
Rudi O. Sherbansky, PE
PE's In Construction

loseph Pasaturo, PE PE's In Private Practice

<mark>Treasurer</mark> Lawrence J. O'Connor, PE, LS, FNSPE

<mark>Assistant Treasurer</mark> Thomas J. Petracca, PE

mmediate Past President Donald P. Nims, PE

Executive Director Anthony Fasano, PE, LEED AP, ACC

L**egal & Legislative Counsel** Mark C. Kriss, Esq.





PROFESSIONAL DESIGN CENTER OF NEW YORK, INC 422 Weaver Ave Fort Totten, Bayside, NY 11356

American Institute of Architects

Queens Chapter

NYS Society of Professional Engineers

2013

PDC Lecture Series

1-13

Lecture

Date: Wednesday, May 15, 2013

Time: 7:00PM to 9:00PM

At

422 Weaver Ave. Fort Totten, Bayside, Queens

2 Continuing Education Credits

Admission fee is \$40 for AIA & NYSSPE members; \$50 for non-members.

Mail payment to:

Professional Design Center, Attn: George Tavoulareas, 98 Mulberry Ave Garden City, NY 11530 by 5/10/13.

PRESENTED BY

Tamara Saakian, PE, Director of Engineering & Tech. Management, NYCFD Nicholas Petrakis, Engineer with the Rooftop Access Unit

THE PROGRAM: Fire Dept Filing Procedures

The seminar will clarify the Fire Department's filing procedures when submitting various applications. The presentation will include Fire Department application forms (TM-1, TMR-2, Application for Modification (Variance), etc.), required permits, inspection processes, On-site diesel fleet fueling applications, Clean Agent applications, Range hood fire extinguishing system applications, & Sprinkler/Standpipe applications.

Buffet dinner 6:15 pm-7:00pm included Contact George Tavoulareas, PE at 347-387-1649 to RSVP

Dedicated to the advancement of Architecture and Engineering

New York City Brickwork Design Center 333 7th Avenue, Floor 5

New York, New York 10001-5004

Phone (212) 686-3939 x 3793, Fax (212) 686-4387

New Jersey Office

Phone (201) 797-9126 Fax (201) 703-0190

Email nycbdc@aol.com

March 19, 2013 at 5:30 pm. Our office at the above address. For reservations contact us at <a href="https://www.NYC.gov/NYC.go

NYC BRICKWORK DESIGN CENTER PRESENTS SEMINAR

"Innovations w/Brick Veneer & Metal Stud backup" exterior wall system
In accordance with the new BIA Technical Note #28B (Revised Aug. 2005) requirements
21 Century concepts in design & construction of the controversial exterior wall system

Program Description:

• Basic behavior of brick veneer masonry wall systems:

Movements in brick veneer and design of expansion joints.

Vertical & horizontal expansion joints-configuration, size & locations Rain water penetration problems and solutions.

Thermal bridging at exterior wall system and rating of insulation.

Condensation analysis and proper installation of wall insulation.

• Detailing and specifications of exterior wall system:

Adjustable masonry tie selection and proper spacing.

Selection of flashing material and weep holes spacing.

Cavity wall system drainage design.

Mortar mix specifications and proper tooling of joints.

• Engineering design of wall systems:

Structural analysis of walls including wind load and deflection limits.

ACI 530 Code, Anchored veneer chapter requirements.

Design of building envelopes including air and vapor barriers.

Innovation with insulated composite backup panel system.

• Brick veneer installation, field inspections and quality control.

Michael G. Gurevich, structural engineer-masonry consultant, will present the seminar.

Mr. M. Gurevich has developed high quality Brick Masonry technical seminars for design and construction professionals, who are presented at the NYC BDC on regularly published schedules. Over the past 28 years, he has presented these seminars to over 2,000 groups of architects, engineers, developers, and contractors involving over 52,750 people. Seminar meets requirements for 1 shw Learning Unit with the AIA Continuing Education System. Provider #G 128, Program #BIA024.





The New York State Society of Professional Engineers, Inc.

Professional Engineers in Construction



Presents this



For Earning First Prize in Mechanical Engineering Technology Project Category, of the College Projects Exhibition at the 2013 Engineering EXPO; the PEs in Construction Group [PEC] of the NYS Society of Professional Engineers, honor

Team Leaders: Giancarlos Llanos, Kee Park Team Vice Leader: Rony Vargas

Team Members: Jose Devares, Anthony Soehngen, Sungheon Hwang, Christopher Reese, Yan Xu, Mark Perez, Yao Agoudaui, Denis Milichnikov, Isaac Morocho, Ryan Naraine.

Mechanical Engineering Technology, Queensborough Community College

Mi Sackandy

Dr. James Grarmus

Chairman of PEC, V.P. Rudi O. Sherbansky P.E Past President of NYSSPE

Dr. James J. Yarmus P.E.

Presented on, April 7, 2013

Professional Services Directory

The Queens Chapter of the NYSSPE recommends the advertisers listed below for their respective products or services. However, the Queens Chapter does not take responsibility for these advertisers products or services.



Miles Fisher, P.E.

Fire and Building Code Services, Inc. 10 East Merrick Road. Suite 308

Valley Stream, New York 11580

Tel: 516-256-7780, Ext. 201 Fax: 516-256-7783 Cell: 516-779-7295

E-mail: miles@firecodeservices.com

(718) 274-4800 FAX (718) 274-4849

VALUE ENGINEERING Consulting, P.C.

Consulting, P.C. Engineers and Designers

GREGORY G. GEORGES, P.E. PRESIDENT

30-05 30th AVENUE LONG ISLAND CITY, NY 11102

SHAPIRO ENGINEERING, P.C.

ENVIRONMENTAL ENGINEERING • ENVIRONMENTAL LABORATORY

ELLIOT J. SHAPIRO, P.E.

Chairman, Board of Directors

ROBERT A. LO PINTO, P.E.

President

181 SOUTH FRANKLIN AVE., SUITE 305 VALLEY STREAM, NEW YORK 11581-1101

516 791-2300 (FAX) 516 791-0782

Email: shapiroengineers@worldnet.att.net

ISSAM M. ABOURAFEH, P.E.



EMAIL: ISSAM@IMA-ARCHITECTS.COM TEL (718) 268-8600 FAX (718) 793-5247

Instant Microfilm Associates Inc

123-23 82 Avenue Kew Gardens NY 11415 Tel: 718 268 8600 Fax: 718 793-5247

Member

Emil F. Cicchetti

Registered Representative Investment Adviser Representative President's Conference



1044 Northern Blvd, Suite 200 Roslyn, NY 11576 Tel (516) 686-7127 Main (516) 686-7000 Fax (516) 686-7250 Cell (516) 849-0611 ecicchetti@metlife.com www.northcoast.metlife.com

Metropolitan Life Insurance Company (MLIC), New York, NY 10166.
Securities and investment advisory services offered by MetLife Securities, Inc. (MSI) (HINRA/SIPC), a registered investment advisor. MLIC and MSI are MetLife Inc. companies.

The Queens Chapter of the NYSSPE recommends the advertisers listed below for their respective products or services. However, the Queens Chapter does not take responsibility for these advertisers products or services.

Tel: 718-544-5105

Fax: 718-544-0031

JOSEPH HOROWITZ

Professional Engineer

ENVIRONMENTAL CONSULTING ENVIRONMENTAL PROJECT MANAGEMENT

76-06 137TH Street Flushing, NY 11367



A&A Consulting Engineers, P.C.

SAM S. AINECHI, M.S., P.E. Licensed Professional Engineer

125-10 Queens Blvd. Suite 318, Silver Towers Kew Gardens, NY 11415

130-08 122nd, Street 2nd Fl. South Ozone Park, NY 11420

Tel. 718-544-7878

Fax: 718-544-7884

Chris Petallides, P.E., N.S.P.E. CONSULTING ENGINEER

TEL: 718 961 4342 FAX: 718 321 3929 EMAIL: PetallidesPE@aol.com

47-15 Marathon Pkwy. Little Neck Hills, N.Y. 11362 Tel/Fax: (718) 323-0754 Cell: (917) <u>860-6957</u> E-Mail: JAVBINTGRO@AOL.COM

Master of Civil Engineering

Master of Economics New York State Licensed Professional Engineer

Jose A. Velasquez, P.E

- Consultant
- · Building Inspections
- · Certificates of Occupancy
- Engineering Reports
- · Permits & Alterations
- Structural Design
- Legalizations
- · Removal of Violations



78-66 79th Place

Glendale, NY 11385

N.Y.S. P.E. License # 069956

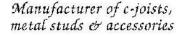
Cell (347) 528-6038

Brian E. Flynn Professional Engineer Home & Building Inspections

Phone (718) 894-7822 Fax: (718) 894-7833

BEFlynnPE@aol.com

HERMES/Hephaistos



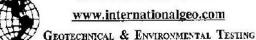
A Division of Hephaistos Building Supplies

Warehouse: 24-02 37th Avenue Astoria, NY 11101

Office: 34-01 Broadway Astoria, NY 11106

Tel: (718) 482-0800 Fax: (718) 482-0581 Michael Karantinidis P.E. President

INTERNATIONAL GEOTECHNICAL/STRUCTURAL LABORATORIES INC.



MICHAEL KARANTINIDIS, P.E. STRUCTURAL ENGINEER

OFFICE: 31-87 34TH STREET, ASTORIA, NY 11106 TEL: (718) 726-1527 FAX: (718) 956-0274 info@internationalgeo.com

Building Department ASBESTOS INSPECTIONS

53-31 210th Street Bayside, NY 11364

John Zurita, PE Asbestos Investigator

(917) 292-7263 (718) 428-2467 jzurita@verizon.net



The Queens Chapter of the NYSSPE recommends the advertisers listed below for their respective products or services. However, the Queens Chapter does not take responsibility for these advertisers products or services.

Office of Richard Berkenfeld consulting engineers

richard g. berkenfeld, p.e. principal

175 great neck road great neck, n. y. 11021 (516) 487-0414 fax (516) 487-0417



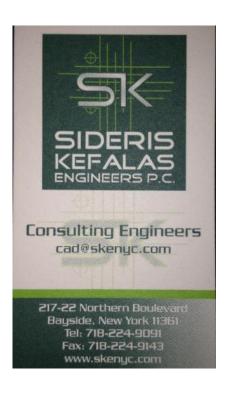
Z. S. ENGINEERING, P.C.

99 TULIP AVENUE FLORAL PARK, NY 11001 PHONE: (516) 328-3200 FAX: (516) 328-6195

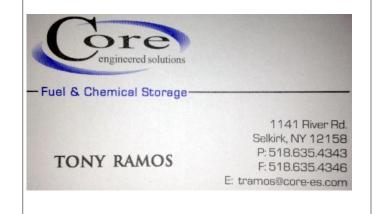
FAX: (516) 328-6195 E-MAIL: staszewski@zsengineering.com

ZYGMUNT STASZEWSKI, PE, FSFPE PRESIDENT NY LICENSE #63367 CT LICENSE #17587

NICET III







The Queens Chapter of the NYSSPE recommends the advertisers listed below for their respective products or services. However, the Queens Chapter does not take responsibility for these advertisers products or services. GEORGES ASSOCIATES WE BUILD "NU YAWK" Gregory G. Georges, PE President 32-02, 30th Avenue Long Island City, NY 11102 718 274 4800 718 274 4849 gregorygeorges@gmail.com cell. 631 922 2694