

NEWS

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IN THE NEWS

**Net Impact Career Summit**  
Suzanne Robinson, Director of Sustainability, spoke at Boston University's 3rd Annual Career Summit. Her talk was called *Sustainability Infrastructure: Weighing Reduction Targets vs. Renewable Solutions*. The event was held at Boston University's School of Management on February 27th. The event brought together local professionals, job-seekers, and MBA students from the Boston area. The focus is on careers with positive social, or environmental impacts. The theme for this years Summit was "Impact Across Industries."

**Teamwork & The LEED® Exam**  
Members of the Boston office have formed a LEED® study group. Over the next 11 weeks Jamie Hwang and Rebecca Slocum will be tackling various topics to help our staff successfully study for the LEED® certification exam. They will meet every Tuesday and Thursday from 5-7 PM to review materials. If you are interested in attending, room is still available. Please contact Jamie Hwang at [chwang@vanderweil.com](mailto:chwang@vanderweil.com) if you have any questions or would like to join.



Vanderweil was represented at the Boston University's 3rd Annual Career Summit along with various other sponsors.

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PROJECT SPOTLIGHT

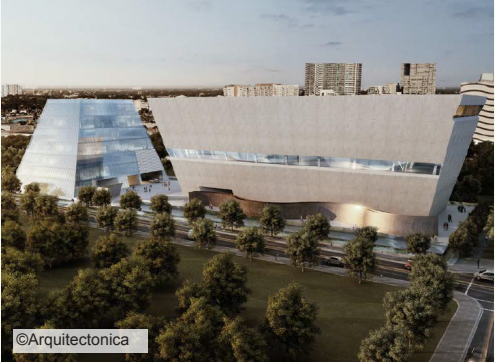
Hot Projects from the Sunshine State

Over the past year, Vanderweil has had much success in the sunny state of Florida, especially in the Miami area. We were awarded three new projects, all of which are being designed by the architect Arquitectonica, including: Fairholme Capital Management's New Headquarters, 444 Brickell City Center Mixed Use Complex, and most recently the World Trade Center of The Americas. The total square footage covered by these three projects equals approximately 5,500,000 sf.

The Fairholme Capital Management building consists of one state-of-the-art investment center, which includes a museum on the lower two levels and operations on the top two floors. It also includes a second building with an auditorium, art gallery, and office space.

444 Brickell City Center is a mixed-use complex that will be comprised of three towers. The towers will include 105 residential units, a hotel, office space, and retail space.

The most current project, the World Trade Center of The Americas, is a 77-story mixed-use tower with offices on floors 16 to 23, a hotel on floors 27 through 36, and 410 residential units that reside on the 37th to 76th floor. The lower levels will include a club floor, banquet rooms, and meeting space. This project is expected to achieve LEED® certified Silver/Miami21 requirements.



Images clockwise from top left: World Trade Center of The Americas, 444 Brickell City Center, and Fairholme Capital Management New Headquarters

PROJECT WINS

- HEALTHCARE**

**Massachusetts General Hospital, Blake and Gray/Bigalow Electrophysiology (EP)/Catheterization Lab | Boston Office**  
Teaming with Linea 5 on a multi-phase renovation for a 3-phase project at MGH. Phase I includes the expansion of the Cath lab on the 9th floor; Phase II includes building 4-5 EP lab rooms on the 1st floor; Phase III includes relocating the existing Pulmonary lab. Services provided will include technology, security, biomedical systems, and distributed annotation system.

**Duke Realty, Main Line Health System, New Medical Office Building | Philadelphia Office**  
Providing MEP engineering services on the Francis Cauffman team for this new four-story, 110,000 sf Main Line Health System, Medical Office Building located in Bryn Mawr, PA. The building will house approximately 84,000 sf of physician office space and a 18,000 sf ambulatory surgery center. The design will be broken into core-and-shell and tenant fit-up phases and will seek LEED® certification at the Silver level.
- S&T**

**Osceola County, Florida, Advanced Fabrication Manufacturing Research Center | New York Office**  
Awarded the design of this new 2-story, 100,000 sf advanced fabrication manufacturing research center with HOK that includes Class 1000 cleanrooms, support analytical laboratory space, and general building support areas.

**Mega Aid Compounding Pharmacy, New Corporate Headquarters | Princeton Office**  
Serving as the prime MEP/FP engineer for the renovation of this new 37,500 sf corporate headquarters. This cGMP compliant facility will be designed in alignment with the requirements for both sterile and non-sterile prescribed medications manufacturing as established by PACB, IACP, ASHP, and FDA. The facility also includes an on-call center, a medical training center, and a pharmacy.
- The Pennsylvania State University, Chemical Engineering/Biomedical Engineering Building | New York/Boston Offices**  
Awarded the 188,000 sf. state-of-the-art research and instructional laboratory building. The new building will include faculty and administrative offices, a large lecture hall, classrooms, instructional laboratories and fume hood intensive research laboratories. This project will obtain LEED® certification.

**Hackensack University Medical Center, New School of Medicine at the Roche Nutley Campus | Princeton Office**  
Collaborating with FXFOWLE and CO Architects for the re-purposing/renovation of Buildings 123 and 123A on the Hoffman La Roche campus will provide a new 3-story, 179,000 sf facility for a College of Medicine, College of Nursing, and Health and Medical Sciences program.
- ACADEMIC**

**The Hill School, Science, Technology, Engineering, Aesthetics, and Math (STEAM) Center | Philadelphia Office**  
Partnering with GUND Partnership, the design of this new 45,000 sf STEAM facility will provide state-of-the-art teaching spaces for the sciences, math, technology, design and fabrication, digital arts, and engineering. The project will pursue LEED® Gold certification.
- COMMERCIAL**

**The International Spy Museum | Alexandria Office**  
Awarded a new 100,00 sf, 4-6 story above grade, stand-alone building with Hickok Cole Architects. Providing engineering services for this building that will serve primarily as the Spy Museum and some retail tenants. The project will pursue LEED® Gold certification.

**Harbor East Development Group: Mixed-Use High-Rise Development | Alexandria Office**  
Teaming with Hickok Cole Architects on a 730,000 sf new high-rise in Baltimore, MD. This project consists of 20 floors with 330 units of efficiencies, single and 2 bedroom units. It will also include a 553 car parking deck and 65,000 sf of retail space.

**NREA Development Services, East Market Development, Chestnut Street Building | Philadelphia Office**  
Working with BLT Architects on the Due Diligence and Concept Design Study for the development of a block of buildings in downtown Philadelphia. The project includes the phased demolition of the existing 200,000 sf building and the future development of a pair of 200 foot to 400 foot towers that will sit on a retail podium. The program will include medical office, residential, hospitality, and standard office space.
- TRANSMISSION & DISTRIBUTION**

**NSTAR Electric & Gas Corporation, Substation #23 Transformers A & C Replacements**  
Providing MEP engineering for the replacement of two 13.8/4.16 kV - 10 MVA transformers at Station 23 in Natick, MA.

**Power Line Models: Norwood Municipal Light Department 115 kV Line Rebuild**  
The proposed scope of work is to furnish engineering services as directed by PLM to support the Norwood Municipal Light Department and PLM with transmission line design needs for the structure and line work associated with the construction of a new three mile 115 kV line (447-508) and replacement of an existing three mile 115 kV line (447-509) on the same ROW.
- POWER**

**NV Energy Nevada, Stop Check and Isolation Valves | Phoenix Office**  
Serving as the engineer on Sundt Construction's EPC team to replace high pressure steam stop check and isolation valves for NV Energy in Nevada. The scope includes design replacements for the valves on existing heat recovery steam generators, and replace worn-out and manually operated valves with new automatically actuated valves at NV Energy's Higgins, Tracy, and Lenzie power stations. Engineering work will be performed corroboratively using resources from Boston, Long Beach, and Phoenix.





SUSTAINABILITY SUCCESS

COMING SOON...

Green Integration Group  
Training Sessions at Vanderweil  
March 2015

YOUR IN-HOUSE PRESENTERS ARE:  
Suzanne Robinson, Director of Sustainability  
Alana Spencer, LEED® Facilitator

TRAINING WILL BE HELD AT EACH OF THE FOLLOWING OFFICES:  
Boston | New York | Philadelphia | Princeton | Washington, DC

WHAT TO EXPECT FROM EACH 60 MIN SESSION:

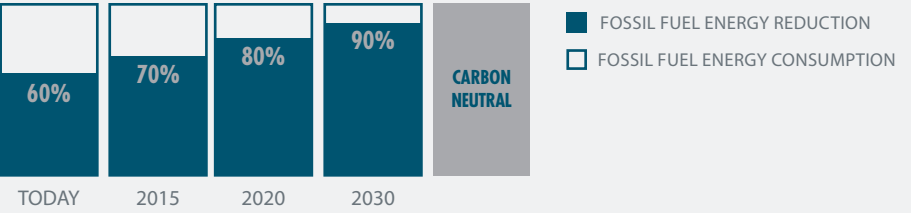
- Learn briefly about the overall Green Integration Group (GIG) Services
- Discover the rich Vanderweil LEED® resources available to you: LEED® SharePoint, LEED® Hotline, LEED® Project Specialists and so much more...
- Overview of LEED®, the different rating systems, v4 summary, top 10 lessons learned
- Modeling to Inform Design: what can be modeled, examples from recent projects, and project schedule for involvement of GIG with project team
- Lunch will be provided

AIA 2030 Commitment Reporting

Vanderweil Engineers was one of the first MEP Engineering firms to sign and adopt the AIA 2030 Commitment in 2009. The AIA 2030 Commitment provides a consistent national framework for companies to evaluate and report their portfolio of design work in reducing fossil fuel consumption through stepped targets. During our years of reporting we have pro-actively shared our data with architects on projects.

Currently, we are concluding the data collection phase for the 2014 projects. Thank you to everyone that participates in collecting the information needed for us to succeed in our annual reporting. SPECIAL thanks to a few of our internal AIA champions (quick turnaround + large number of projects): Gosia Iwanowicz, Angelica Karamov, Hani Mardini, Patrick Murphy, Jim Sippel, and Stephen Szilniczky.

We look forward to sharing our 2014 results in an upcoming newsletter. Stay tuned...



network.aia.org/2030Commitment/home  
Learn more at [LEED@vanderweil.com](mailto:LEED@vanderweil.com)

YOUNG PROFESSIONAL SPOTLIGHT

LIZZIE YOUNG



Office Location  
Boston, Massachusetts

Joined Vanderweil  
August 2012

Education  
Carnegie Mellon University, M.S. Civil Engineering, 2012  
Vanderbilt University, B.S. Civil Engineering, 2011

Department/Responsibilities  
Transmission & Distribution Group: responsibilities include acting as a project engineer on transmission and distribution line refurbishment projects and conductor clearance improvement projects, performing structure and wire load calculations, designing reinforced concrete foundations, reviewing bidders' drawings and calculations for steel pole and switch orders, and coordinating with other parties to ensure that projects follow safety, environmental, and reliability guidelines.

Where Did You Grow Up?  
Canonsburg, Pennsylvania

Hobbies  
Traveling, home renovation projects, hiking, cheering on the Pittsburgh Steelers, buying furniture on Craigslist, and playing foosball

Professional Aspirations  
To continue to build my technical skills and knowledge about transmission line engineering, to pass the PE exam, and eventually become a Project Manager and interface with clients.

Fun Facts  
I make really good guacamole. I've met Michelle Obama. I once won tickets to the Nashville Symphony in a limbo contest and found a \$100 bill on the ground on the same night. My birth name is Lizzie, (not Elizabeth), and I do not have a middle name.

Last Book Read  
It by Stephen King

IN THE NEWS

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International Society of Automation

International Society of Automation Executive Board Announcement  
Michael Fedenyszen, I&C Engineer with the Power Group, has received an appointment to the International Society of Automation's executive board. Appointed by Society President, Rick Roop of Indiana, Michael will serve as the society's parliamentarian for the year 2015. Michael also serves on the Editorial Advisory Board of the ISA's premiere publication InTech. We congratulate him on this achievement.



Leonid Rabkin & Scott Robbins  
-- First Thursday's Presenters



Laura Thomson & Rob Russell  
-- First Thursday's Presenters

First Thursday Project Spotlight  
Vanderweil's Boston office began hosting Project Spotlights from 4 to 5 PM in the beginning of January this year. These discussion gatherings held the first Thursday of every month, now know as "Beers and Cheers with Peers", brings together employees from different departments to hear and learn about current projects our firm is working on. This past month on March 5th our project spotlight featured Davidson College New Academic Building located in Davidson, NC. The presenters included Scott Robbins, Shelley Vanderweil, Nicole Imbergamo, Laszlo Horsik, Rob Russell, and Carson Cook. Thank you to all of those who have it made it such a success!



Attendees in the Boston office listen to a project spotlight of Davidson College



Erica Squillacioti & Shelley Vanderweil  
discussing the project



Eli Sherman chatting with Nicole Imbergamo  
and Gosia Iwanowicz