

- Atlanta, GA
- Boston, MA
- Los Angeles, CA
- Miami, FL
- New York, NY
- Orlando, FL
- Philadelphia, PA
- Phoenix, AZ
- Princeton, NJ
- Washington, DC



CURRENT EVENTS



USGBC Maryland Living Building Challenge Program (Julia Rogers & Patrick Murphy)



Harvard Business School, Chao Center Ribbon Cutting Ceremony



Emerson College, Ground Breaking Ceremony



New Philadelphia Office Space



Summer Intern Kick-Off Meeting

Presentations

Association for Computer Operations Management (AFCOM) NC Spring Meeting: Chris McLean attended the AFCOM meeting held on May 26, 2016. The AFCOM organization offers data center and facilities management professionals the practices, insights, tools and resources to successfully manage today’s data center infrastructure. The AFCOM meeting topics included aging infrastructure, planning, and the implementation process.

World Bank District Cooling for Efficient Energy Workshop: On June 9, 2016, Chris Hastings represented Vanderweil in Medellin, Columbia. Chris spoke about the new trends in district cooling technologies.

USGBC Maryland Living Building Challenge (LBC) Program: Patrick Murphy and Julia Rogers represented Vanderweil by presenting at the USGBC Maryland Living Building Challenge Workshop at the Parks and People Foundation Headquarters located in Baltimore on June 7, 2016. The project recently achieved LEED® NC v2.2 Platinum certification. The workshop focused on highlighting innovative sustainable design features of the project and discussions about how to modify the design in order to achieve the LBC imperatives of net positive energy and net positive water. In addition Julia Rogers and Chuck Stellberger conducted a post-occupancy evaluation of the project as part of the RGV360 program.

International Institute for Sustainable Laboratories Annual Conference, September 25-28, 2016, Kansas City, MO: Michael Walsh and Michael Clements will present “Minimizing Laboratory Design & Operational Ventilation Rates in Compliance with Current Codes, Standards and Guidelines.”

Greenbuilding International Conference and Expo, October 5-7, 2016, Los Angeles, CA: Michael Walsh (with Mara Baum, HOK) will present, “Better Than Expected: Outperforming Energy Models.”

Tradeline Facility Strategies for Animal Research and Biocontainment, October 17-18, 2016, Scottsdale, AZ: Michael Walsh and Jeff Zynda from Perkins+Will will present “Fundamentals in Planning and Design of Animal Research and Biocontainment Labs.”

Grand Openings

Harvard Business School, Ruth Mulan Chao Center
Vanderweil attended the ribbon cutting ceremony on June 6, 2016. Notable attendees included Governor Charlie Baker, Senators Elizabeth Warren and Ed Markey.

Emerson College, Boylston Street Dining Hall
Vanderweil was present for the ground breaking ceremony on November 30, 2015.

Vanderweil Philadelphia Office Opening
Vanderweil’s Philadelphia office relocated into new space within the Cast Iron Building located at 718 Arch Street, Philadelphia, PA.

Internal Events

Summer Intern Kick-Off Meeting
Eli spoke to the summer interns on June 15, 2016 to help welcome them to Vanderweil.

ACADEMIC

University of South Florida, Morsani College of Medical Heart Health Institute, Tampa, FL
Along with HOK, Vanderweil will be providing engineering for the 319,000 sf BSL-2 laboratories, vivarium, clinical space, offices, an auditorium, and a dining facility to support the College of Medicine and the Heart Health Institute. – *Atlanta Office*

COMMERCIAL

City of Khobar, KSA, Al Fozan Mosque, City of Khobar, Kingdom of Saudi Arabia
Vanderweil is teaming with HOK to provide engineering services for the master plan of the Al Fozan mosque. – *Boston Office*

Confidential Owner, Guacalito, Nicaragua
In conjunction with Oppenheim Architecture, Vanderweil will provide MEP engineering services for the Client. The main building has a basement, theatre, spa, fitness center, and an art studio. – *Miami Office*

Confidential Owner, Various Locations
Working with Macgregor Associates to design three fulfillment centers located in multiple locations in the southeast US. The buildings are mainly warehouses with automated material handling systems. Each center will have a small office component. – *Atlanta Office*

Sycuan Casino & Hotel Expansion, El Cajon, CA
The project consists of a \$136 million addition to the existing casino property, which includes a 300 key hotel tower as well as a 300,000 sf expansion to the existing gaming facility comprised of an expanded gaming floor, conference center, multiple restaurants, spa, and retail. – *Boston Office*

Natixis Global Asset Management: 888 Boylston Street, IT Consulting Services, Boston, MA
Working with STV/DPM to provide IT consulting services for the relocation of NATIXIS Global Asset Management to a new building located at 888 Boylston Street. Services will include consulting and project management relating to the communication carrier connectivity to cloud resources, network configuration and integration, end-user device selection and deployment, and related services. – *Boston Office*

Silverstein Properties, 4 World Trade Center, Office of Medical Services and General Office Fit-out, New York, NY
Working for Urbahn Architects, Vanderweil will provide engineering services for the general office fit-out of 5,000 sf on the 26th floor and 7,000 sf on the 27th floor. Approximately 11,000 sf of the 27th floor will remain as shell space. – *Princeton Office*

TRANSMISSION & DISTRIBUTION

NSTAR Substation 211 Building Renovations, Woburn, MA
Eversource will be repurposing portions of the existing building at Station 211, Woburn, MA to accommodate a new control room and new AC and DC station services. The two retired 4kV regulator rooms will be modified to accommodate a new control room. Portions of the condenser room located in the basement will be modified to house 120/208 AC & 125 DC station service rooms. – *Boston Office*

SCIENCE & TECHNOLOGY

Penn State University, Pell Lab BSL-3E Renovations, State College, PA
Vanderweil to provide engineering solutions for enhanced exhaust capacity to accommodate increased air changes in the BSL-3E and ABSL-3E labs, and provide alternate ventilation strategy for tertiary spaces. – *Atlanta Office*

Confidential Owner, Plainsboro, NJ
Vanderweil will provide engineering service for the 4-story building renovation. Half of the building is dedicated to laboratories, while the balance consists of office and collaborative spaces. – *Princeton Office*

MISSION CRITICAL

Confidential Owner, Atlanta, GA
Vanderweil will provide MEP engineering services for a new pharmaceutical distribution center located in Atlanta. The project will be mostly high-bay storage, with an office area and a partial mezzanine. – *Atlanta Office*

Confidential Owner, Mountain Time Zone
Vanderweil is the prime A/E consultant and along with our sub-consultants, will provide A/E mission critical design services for a new green field data center. – *Boston Office*



GREEN INTEGRATION GROUP

The Boston Convention and Exhibition Center

By Alana Spencer, Ani Nene, and Katrina Miaoulis

The Boston Convention and Exhibition Center (BCEC) recently became LEED® Silver certified by the US Green Building Council, making it one of the largest buildings in New England to be awarded LEED® certification. Located in the Seaport District in Boston, Vanderweil led the project though LEED® for Existing Buildings Operations and Maintenance (EB O+M) Feasibility Analysis and Certification (Incidentally RGV was the original MEP/FP engineer for the building). Existing buildings are characteristically inefficient, and large public assembly spaces are generally even more so. As such, the BCEC’s LEED® Silver award is an especially noteworthy accomplishment given that it is a sprawling convention center, nearly 1.8M square feet, located in Boston’s cold, coastal climate.

The certification evaluated the current building operations: mechanical, electrical, and plumbing components, as well as purchasing, site management, waste management, energy usage, and general housekeeping. Beyond LEED®, ASHRAE Energy LEED® I + II Audits were performed by the Green Integration Group. The Audits provided several Energy Conservation Measures that the facility implemented for cost and energy savings.

BCEC was recently selected as the venue for Greenbuild in 2017, USGBC’s annual green building conference. Professionals from around the globe will gather in the building that Vanderweil “greened”, which is a great honor.

A huge thank you to the Vanderweil teams, especially Commissioning, for making this possible!



BCEC Ariel View

CRI UPDATE

The Corporate Responsibility Initiative (CRI) group met on Wednesday, June 29th to discuss ideas on how to make the Vanderweil office more green-friendly. One outcome from the meeting was a possible solution to the lack of recycling. Since then, stickers have been printed to identify the recycling bins. CRI members have placed them on the recycling bins throughout the office.

The next meeting will be taking place on August 16th. The group will continue to discuss and solve other green initiatives, such as reusable office supplies, employee rideshare program and company-wide step tracking.



(Left to Right) Matthew Pires, Ani Nene, Paul Van Kuawenberg, Dale Cibene, Cassi Lau, and Katrina Miaoulis

Hope your building gets WELL soon!

By Alana Spencer, Ani Nene, and Katrina Miaoulis



At Vanderweil Engineers we are currently working on our first WELL Building Standard project in Boston and we anticipate many more to come. Time to prepare!

WELL Building Standard® (WELL) is a performance-based and descriptive system for measuring, certifying, and monitoring features of the built environment that impact human health and well-being, through indoor air quality, water quality, healthy eating habits, light performance, fitness, thermal/ acoustic design and mental/ emotional health.

Many WELL features intended to improve health are supported by existing government standard’s or other standard-setting organizations including LEED® (Leadership in Engineering and Environmental Design) and Living Building Challenge (LBC). Some Features are executed to influence change in behavior through education and corporate policy or culture, and provide information and support for making positive lifestyle choices.

- Our role as the MEP & Sustainability Engineers is primarily focused on:
- Ventilation enhancement: ASHRAE 62.1-2013 VRP / IAQ procedures and filtration
 - Thermal comfort: ASHRAE 55-2013 for standard comfort zone compliance
 - Water quality: filtration for inorganic, organic and agricultural contaminants
 - Lighting: daylight and circadian illuminance levels

This project offers Vanderweil an exciting introduction to the WELL Standard and opportunity to provide MEP and Sustainability design on future projects. Want more information on how to certify a project under WELL or obtain your WELL AP credential? Please reach out to leed@vanderweil.com.

KUDOS FOR VANDERWEIL



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May 27, 2016

To Whom It May Concern:

It is with great honor and pleasure that I write to you today regarding my experience in working with Vanderweil Engineers on the AlexRenew Environmental Center project. Vanderweil has served as the Mechanical, Electrical, Plumbing (MEP) Engineer of Record for this project, a 60,000 GSF, LEED Platinum, Class A office building, throughout the entire lifecycle of the project.

In addition to designing all MEP systems for the building, Vanderweil also guided us through the processes for achieving LEED Platinum and Energy Star certification for the building’s design and construction phases. Vanderweil’s use of innovative engineering, analysis and design management tools, such as energy modeling and collaborative design development, has yielded considerable savings in terms of schedule while enabling clear and timely decision making for the client (me).

Now that the project is finalizing construction operations, Vanderweil has been a critical asset in terms of providing technical expertise to the architect and owner to ensure proper and accurate systems installation and start-up. Vanderweil also, provides support and direction to various consultants and contractors during building Commissioning and Testing operations.

I can honestly state that Vanderweil Engineers are true experts at their craft, and have proven to be invaluable to the project team during the development and construction of the project. I look forward to continued partnership with Vanderweil moving forward.

Sincerely,

Steven P. McKertzie
Program Manager for Capital Integration
Alexandria Renew Enterprises
1500 Eisenhower Avenue
Alexandria, VA 22314

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Alexandria’s Water Transformers

John Sporidis, Patrick Murphy, and the Alexandria office team worked on the Alexandria Renew Enterprises, Administration Building.



AWARDS AND RECOGNITION

Marketing Wins First Place at the SMPS Boston's Awards Gala



Anna Luciano (SMPS President) and Marsha Miller

This spring, Marketing submitted Vanderweil’s 65th Anniversary Card and Gift to the SMPS Boston’s Awards for Marketing Communications and Marketing Achievements under the category “Special Event Marketing”.

We are pleased to announce that Vanderweil was awarded first place in this category, which was revealed at the sold-out SMPS Boston Gala held Thursday, June 9th at The State Room, Harborside Salon, 60 State Street in Boston.

Each of the boxes that contained the bamboo plant vase (with the 65th logo on the vase) featured Vanderweil projects that were also highlighted in the booklets to promote our projects and company longevity.

The 65th Anniversary booklet and the use of our standard corporate colors stresses our brand and is a continuation of the successful direct mail campaign that had been launched in 2013–2014.



Gift Box



65th Anniversary Mailer

YOUNG PROFESSIONAL SPOTLIGHT



NICOLE TANG

- Office Location**
Boston
- Education**
Mechanical Engineering,
Tufts University
- Department/Responsibilities**
Green Integration Group
- Hometown**
Malaysia
- Hobbies**
Sewing, baking, and martial arts

Professional Aspirations
Improved understanding and intuition regarding building energy use

Fun Facts
My immediate family spans three different countries and two continents

Last Book Read
Colorless Tsukuru Tazaki and His Years of Pilgrimage by Haruki Murakami

OFFICE FUN

GIG Group Goes to Fenway



(Left to Right) Top Row: Matt Deslauriers, Charlie Kalasinsky, Dave Lee, Julia Rogers, Emma van Lieshout, Katrina Miaoulis, Ani Nene, and Nicole Tang | Bottom Row: Chuck Stellberger and Charlie Hopkins

New York Office - Spring Fling



(Left to Right) Top Row: Dave Pinto and Mike Lesiak, Middle Row: Will Kain, Rachel Innella, Alex Quercetti, Christina Samodulski, Jon Sharp, Tommy Cheng, and Kathryn Ginns, Bottom Row: David Tulchinsky