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H2M NEWS

Sustainability Issue

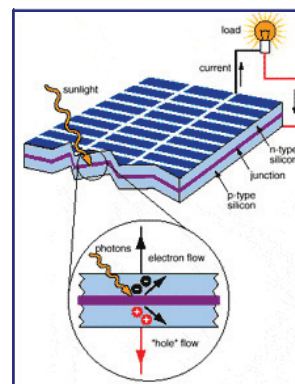
H2M To Complete Work On Largest Solar Panel Installation For A School District On Long Island To Date

H2M and Johnson Controls, Inc., recently started the largest school district solar panel installation project to date on Long Island, for the Smithtown School District. The Smithtown School District Energy Efficiency Project will result in \$6.3 million in guaranteed energy savings over the next 18 years through the implementation of energy efficiency upgrades and renewable energy production.

H2M assisted Johnson Controls, Inc. by creating a plan for the school district to integrate sustainable options throughout their buildings and developed a plan that will help the school district become more efficient. Some of the efficiency improvements implemented across the school district are: Installation of High Efficiency Motors, Improvement in Building Envelope and Weatherization, Installation of High Efficiency Boilers, Installation of 110kW of Photovoltaic Solar Panels and Automated Controls for Computers, Lights, Vending Machines, and Boilers.



Smithtown School District Solar Panel Installation Project



The Photovoltaic process

Johnson Controls, Inc. installed the new Power Light interlocking Photovoltaic solar panels.

The Installation of the Photovoltaic Solar panels is the largest project of this kind implemented by a Long Island School District to date. The panels will produce an estimated Annual Energy Production of 1,650,000 kWhr, and will receive a LIPA rebate.



“H2M is proud to be a part of these projects helping to implement the Smithtown School District’s vision,” said Robert M. Scheiner, AIA, PP, Senior Vice President at H2M. “This project demonstrates to the greater Long Island Community that the technology and science exists today to cut energy costs which will contribute to Long Island’s energy independence. Hopefully this will inspire other school districts and municipalities to join in.”

H2M Sustainable Projects In The Works

Planning Department Developing One Of The First Sustainability Plans In New Jersey

H2M's Planning Department is currently developing one of the first Sustainability Plans in the State of New Jersey for the Borough of Lodi. The underlying objective of this groundbreaking Plan is to identify ways the community can meet the needs of the present without compromising the ability of future generations to



meet their own needs.



H2M has proposed Seven Strategies for a Sustainable Future in Lodi that covers a diverse range of issues including: Sustainable Land Uses, Green Buildings and Energy Efficient Site Design, Efficient

Circulation, Protected Environment, Equitable Community, Responsible People and Good Government.

An important and unique component



of the Lodi Sustainability Plan is that it includes detailed targets and indicators that can be used by the municipality to measure their success in achieving the various sustainability goals presented in the Plan by H2M. The Plan also includes an extensive



alternative forms of energy, providing access to locally grown foods, and replacing grass lawns with native plants and flowers.

list of action items that can be taken in the community in order to become more sustainable. Examples include: community gardens, multi-modal transportation, a mixed-use downtown with commercial uses on the ground floor and living or office space on the floors above, utilizing



Circulo De La Hispanidad - Green, Energy Conscious And Energy Efficient

H2M is currently working on the construction administration phase of the Circulo de la Hispanidad Center which will house the organization's preschool child care center, a charter school for elementary age children, and various other cultural and social programs for the community. The building is approximately 35,700 square feet and is located in Hempstead, New York.

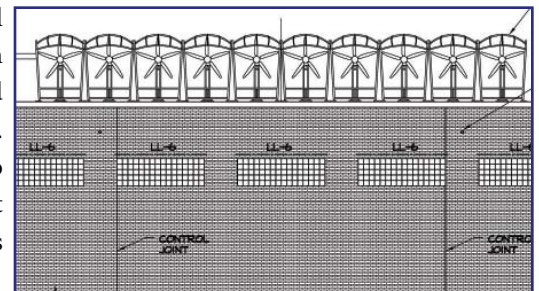
This project was designed as a green, energy conscious and energy efficient building and is seeking LEED certification. Among the many features of the project are a roofing system that will reduce the heat island affect in the area, water efficient landscaping, a 30% decrease in water use, recycled materials, an energy efficient building envelope and energy efficient mechanical and electrical systems. The organization also intends on using this facility to educate the public through the many sustainable features. The construction completion date for this project is scheduled for September 2009.



Mount Sinai School District - Wind Turbine Project



H2M is currently assisting the Mount Sinai School District with a new Energy Efficient plan which includes power generating wind turbines mounted on a gymnasium wall like the ones seen here. Construction will begin this summer and slated to be completed by the fall. This is a drawing of what the wind turbine will look like when construction is complete.



H2M Completes Work on the New Sayville Library

This project was conceived to replace the existing 11,000 square foot Library in the village. The purpose of the new Library was to provide additional Children's and Young Adult spaces, with some dedicated program spaces for this demographic. Additionally, due to significant program requests from the public, new Multi-Purpose and Meeting Rooms were designed.



Sustainability and energy efficiency were high priorities to the Library. Many features were included

such as; a geothermal heating/cooling system, photovoltaic solar panels to produce electric and close attention to indoor space and air quality and comfort was implemented as well.

H2M provided full service on this project including Professional Architectural and Engineering Services in conjunction with local architects LPA Associates.



The Grand Opening Ceremony for the Sayville Library was on June 28, 2009. To commemorate the new Library the village arranged a special procession. The last book to be placed in the library was passed from one person to the next down Main Street until it reached the new library.



Inside H2M

New to H2M

Diana M. Saltel, PP, AICP, MCIP, recently joined H2M as Chief Planner and Land Use Planning Department Manager in our New Jersey Office.

Lawrence Palmer, P.E., P.P., C.M.E., has recently joined H2M as the Senior Civil Engineer in our Parsippany, New Jersey Office.

Joseph M. Galley, CHMM, has recently joined H2M as a Senior Project Manager in the Environmental Division in our Parsippany, New Jersey Office.

Licenses & Accreditations

Gregory J. Levasseur has passed the Principles and Practice of Engineering Exam and is now a Connecticut State licensed Professional Engineer.

Jason S. Smith has passed the New York Registered Architects exam and is now a licensed Architect.

Joseph A. Manzella, P.E., LEED AP; and **Ernest V. Iannucci, P.E., LEED AP** have both received the New Jersey Professional Engineers license and are now licensed in both New York and New Jersey.

Accolades and Nominations

Gary E. Loesch, P.E., DEE, Executive Vice President, was recently honored by Farmingdale State College as its Outstanding Alumni Employee.

Robert M. Scheiner, AIA, PP, Senior Vice President, has been appointed as the newest member of the Council of Advisors for the Community Development Corporation of Long Island (CDC).

Dennis M. Kelleher, P.E., Senior Vice President, was recently honored by the New York Section of the American Water Works Association (AWWA) with the John M. Diven Award.

Joann M. Slavin, Senior Vice President has been elected as the Secretary Treasurer of the New York Association of Approved Environmental Laboratories (NYAAEL) and has been elected President of the Melville Rotary.

H2M LEED Accredited Professionals - Total is Now 33

H2M is pleased to announce that Robert F. Bee, RA; James J. Williamson; John R. Collins, P.E.; Adam C. Post; Stephen F. Cluff, P.E.; Alison K. Auriemmo; Jessica N. Soskil; Jason S. Smith, R.A.; Renee Marcus, AIA; Robert E. Ikes, RA, Steven C. Hearl, P.E.; Daniel Meehan, AIA; Michael W. Keffer, P.E.; Zhong Ren, R.A.; Leoncio L. Torres; Sui Y. Leong, P.E.; Natalie M. Kovac and Francisco Isenberg have all earned the U. S. Green Building Council's Leadership in Energy and Environmental Design (LEED) Accredited Professional (AP) status.

These new LEED Accredited Professional join the other H2M LEED AP's including: Veronica E. Byrnes; Michelle L. Cranz; Katherine M. McMahon; Jeffrey L. Czajka, P.E.; Ernest V. Iannucci, P.E.; Ronald B. Lanner, R.A.; Michael W. Lantier; Eric W. Maisch, R.A.; Joseph A. Manzella, P.E.; Cole W. Podolsky; Adam C. Post; Patrick O. Stone; Danny Tanzi, P.E., R.A.; Natalie G. Wolfram, P.E. and Tina Quilan Ye, RA, bringing H2M's total up to 33.



Photo of some of the 33 LEED Accredited Professionals at H2M

H2M Receives Two ACECNY Engineering Excellence Awards

H2M was recently awarded the Diamond and Platinum Engineering Excellence Awards from the American Council of Engineering Companies of New York (ACECNY).



The ACECNY Engineering Excellence Awards (EEA) Program recognizes and celebrates engineering achievements that demonstrate the highest degree of skill and ingenuity among member firms.

The Diamond Award in the water and wastewater category, the highest award from the ACECNY, was achieved for the reconstruction of the Port Jefferson Wastewater Treatment Plant to advanced levels of nitrogen reduction.

The water and wastewater category Platinum Award was achieved for the construction of the \$16 million Advanced Nitrogen Removal Wastewater Treatment Facility for the Huntington Sewer District.



Photos taken at the ACECNY Award Ceremony with the Winning Project Boards

Green Facts & Tips - From H2M's Sustainability Group

1. Before you leave for vacation, unplug all unnecessary appliances — televisions, DVD players, stereos, microwaves. They can still consume energy even when they're off.
2. Sweep instead of soak. It takes about 80 gallons to clean a patio with a hose. Instead, use a broom and get some exercise at the same time.
3. Try using half your usual amount of fertilizer. Many plants will respond fine and you'll be reducing the amount that runs off into streams and the ocean.

Please join our email list! If you would like to start receiving this newsletter as well as other H2M announcements via email, just email us your email address - newsletter@h2m.com



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