Are you sustainable?
The year 2020 has always been a vision of the future and a benchmark for progress. Since the beginning of this millennium, it has been the source of inspiration for movies, literature, and pop culture, full of promise, innovation, and wonder. We have used it as a turning point for sustainable efforts and a springboard towards greater achievements. Well, we have officially made it, but that does not mean we have met our goals nor do our efforts towards innovation and excellence do not stop here. This year, the AIA introduced The Big Move Toward Environmental Stewardship, a step forward in positioning architectural professionals as key leaders for climate action. Focusing on three areas: declare an urgent climate imperative for carbon reduction; transform the day-to-day built practice of architects to achieve a zero-carbon, equitable, resilient, and healthy built environment; and leverage support of peers, clients, policy makers, and the public at large. Now more than ever, the future is in our hands as we help mold a more sustainable environment, both built and natural, for this generation and generations to come. The architect is once again the vision of this generation and generations to come.

In February we hosted our first general meeting at Maggiano’s with a presentation by Jay Valgora, AIA, of Studio V Architecture. Jay’s presentation of “Artifact to Architecture” focused on reinventing abandoned industrial structures, reimagining the city, and creating new architectural landscapes that celebrate the history of industry while promoting community interaction.

As we all deal with disruptions during the COVID-19 pandemic, the Architects League of Northern New Jersey remains committed to the safety and health of our members and the public. With this in mind, our March Members Event: The Architects League at the FLOW Green Film Festival was cancelled. This annual public event, which is held in conjunction with the Environmental Commission of Franklin Lakes, Oakland and Wyckoff and with the Wyckoff Public Library, was originally scheduled for Thursday March 26th. We are hoping to reschedule this event later this year and will keep you updated regarding a new date when we have one. This situation continues to evolve quickly and we will be monitoring it closely. Please continue to check social media, alnnj.org and your email for updates regarding the status of future Architects League programs. And most of all, continue to be safe by checking the Center for Disease Control’s site at www.cdc.gov for the latest information.

Respectfully,
Matthew A. Fink, AIA
ALNNJ President 2020

AIA and the Committee on the Environment have assembled a lot of resources on greening your designs. You can find many of these at https://aia-nj.org/committee-on-the-environment/ and don’t forget to save the date and join us for the East Coast Green conference this year.
Every day, it seems, we are presented with new stories demonstrating the worsening state of the climate, and as architects, we are shown mounting evidence that the buildings we design are responsible for a large part (approximately 40%) of the energy use and greenhouse gas emissions that are causing the damage to the climate. The case has been made many times already, that our profession is in a wonderful place of opportunity to direct change for the better.

There are certainly many architects who already incorporate sustainable strategies in their daily work, but there are many of us for whom the opportunities put into practice are not as readily available. Whether it is clients who are reticent to pay for what they see as an unnecessary extra expense, or simply a lack of knowing just where to begin, the architectural community still has a lot of work to do to bring our communities to the point where they are fully sustainable. This issue of the Leagueline aims to explore ways to help all of us move further towards the goal of sustainability.

It’s all about the emissions, stupid

While much of the focus on sustainable architecture has been about energy efficiency, typically focusing on new construction, it has become clear that there are other very important areas to work on. First, as new buildings become more energy efficient to operate, older buildings have emerged as the greatest users of energy. There needs to be an effort to upgrade these existing buildings to the point that they are as efficient as new construction.

The energy used to operate buildings is not the only source of greenhouse gas emissions. Materials selected for a building’s construction also plays a large role in the amount of CO₂ produced. Just three materials, concrete, steel and aluminum, account for half of all industrial CO₂ production. The thoughtful selection of materials can make a huge difference.
CO₂ is not the only greenhouse gas to be concerned with. Nearly all air-conditioning systems use refrigerants that have a global warming potential (GWP) that is many times higher than that of CO₂. This means that although only a small amount of these materials are used, relative to CO₂, one unit of these materials can cause as much damage to the climate as thousands of units of CO₂. There are a few potential refrigerants, such as ammonia, that do not have this drawback. Foam insulations are another very large source of greenhouse gas emissions. The gasses, or blowing agents, that are used to produce the foams are the culprit and like refrigerants have GWPs many times higher than CO₂.

Once a building has been fully optimized, in terms of minimizing the energy and greenhouse gas emissions required to build and operate it, one last issue can be addressed; what type of energy can we use that won’t damage the climate? Beginning with the premise “If it burns, it’s bad” we must discount all energy production that includes coal, oil, and gas. Burning wood or trash (bio-mass) also produces CO₂. That leaves electricity, produced from a non-polluting source, such as solar, wind or hydro (dams). While the means of electrical production is often not something the architect can affect, other than advocacy, designing a building to be all-electric will make it capable of operating without producing CO₂.

**The Low Hanging Fruit**

There is a general consensus as to the basic strategies that, at the beginning of a building project, have a large impact on energy use and sustainability. These include re-use of existing buildings. At this point we have all heard the adage that the greenest building is the one that isn’t built. Even if just a portion of an existing building, such as its structure, can be re-used, there can be a great savings in energy.

Next is to design an efficient structure. As noted previously, concrete and steel require a great deal of energy to produce and use. Reductions of these materials can have a large effect.

Providing greater amounts of insulation to buildings, especially smaller ones, can also have a huge effect on operating energy use. Many buildings designed using PassiveHouse principals achieve energy savings that are so great that they need no or almost no mechanical heating and cooling. The trick is to do this without using foam insulations.

**Speaking with your Clients**

Many times, a client will express a desire not to include energy saving measures in order to not increase the budget. It is our job to convince them otherwise, but how can we effectively do so? First is to engage them and listen to them to learn their values and inspire their trust in us and our advice. By following the strategies discussed above, a more sustainable building can often be achieved without much, or sometimes no increase in initial cost. Thoroughly talk your client through the reasons behind the design and material decisions and you will often find agreement. Most of our clients care about the return on their investment. If we can shift their focus away from the initial cost to the lifetime costs of the building, most will often understand and respond positively. Also, a discussion of the benefits of a sustainable building, such as increased occupant satisfaction and health, and reduced absenteeism (in the case of a workplace) will help.

**Sustainable strategies for everyone.**

AIA National has embraced the idea that we as architects can make important contributions to combat and adapt to the effects of climate change. The AIA’s “Big Move” is really just the beginning of our profession’s commitment to making significant contributions to the health, safety and welfare of a population dealing with climate change.

As someone who has designed to LEED Platinum standards, I am often asked “how can I talk to my clients about incorporating sustainable features into their new home or home addition design?” There are several ways to do this. While there are many strategies to create sustainable environmentally friendly design, I will describe here, some of the simpler strategies that are most easily incorporated into a new home or home addition.

I usually start the conversation by explaining that these sustainable features can, in the long run, save them money as well as benefit the environment. There can be a return on investment for these strategies that pays off for the homeowner in under 10 years. If the “ROI” is under 10 years, it is worth incorporating that feature into the project design since after 10 years the user gets the sustainable benefit for free from that point forward.

First, not all sustainable strategies are hard to implement. Wood framing for example, is a sustainable and renewable resource that you will probably not have to argue with your client about. Here in our area, wood framing of housing is common practice and manufacturers have improved forestry management and reduced waste from the manufacturing process. So, with that in mind, you are already employing at least one sustainable strategy.

Here are other strategies that can be discussed with your clients and can easily be included in your projects. These sustainable features include:

1. Incorporate water saving low flow faucets and low flow shower heads. These faucets and shower heads reduce water usage preserving more clean water for other activities.

2. Specify all lighting fixtures to contain LED illumination devices. LED lighting produces a similar illumination level and uses about 1/8th of the electricity of the old style Edison incandescent light bulbs. LED bulbs also use about half the electricity of the compact fluorescent curly Q bulbs. Specifying LED lighting is already relatively commonplace and educating your client about their use can influence their decisions so they make better lighting fixture choices.
3. Specify higher R value insulation and install insulation in deeper framing cavities. A higher thermal resistance for insulation can save significant energy as well as provide for much greater comfort of the interior spaces in both summer and winter months. Framing walls with 2 by 6 stud construction allows for more insulation in the wall framing. Framing roof rafters with 2 by 10, as a minimum depth, allows for more insulation in the rafter cavity. Insulation at the roof rafters is especially effective because it prevents the heat of the summer sun from penetrating into the attic spaces and radiating down into the living spaces.

4. Specify that the housewrap that is applied over the exterior sheathing be installed in accordance with all the manufacturer's installation instructions. Housewrap seals the exterior of the house from air and water penetration, however, it only works if it is properly installed. Different manufacturers have slightly different installation specification requirements. If housewrap is not installed in accordance with these requirements it will not properly seal the home from air and water penetration. This reduces the energy efficiency of the house and reduces interior comfort. Housewrap installations need to be taped and lapped at joints. Most of the installations I randomly see are installed with a 2-inch overlap. Most housewrap manufacturers require a 6-inch overlap between adjacent sheets. The tape is applied to the joints to maximize the seal. It is not a perfect air seal and is not meant to be perfect, but proper installation increases the energy saving effectiveness of this material.

5. Specify energy saving Energy Star rated appliances. Provided you have some influence over the appliances selected by the owner, this can save significant energy. Energy Star labeled products should be the minimum standard. Higher efficiencies can be obtained by comparing the energy usage labeling on individual products. Appliances, particularly appliances with heat coils and heavy duty motors, can use a significant amount of electricity. In particular, washers, dryers, dishwashers, wall ovens, and microwave ovens can be reviewed for efficiency.

6. Specify higher efficiency heating and cooling units. Boilers and furnaces with a 95% efficiency rating should be the minimum standard, in my opinion. Air handlers and condensing units with a minimum Seasonal Energy Efficiency Ratio (SEER) of 16 to 18 should be suggested. There is some debate regarding the return on investment, however, the energy savings of the higher efficiency heating and cooling together with the higher insulation values can significantly reduce energy usage resulting in substantial savings.

With AIA National launching the “Big Move” along with our advising our clients on environmentally responsible choices, architects can have a large impact on the health, safety and welfare of a society struggling to understand and manage climate change issues. At the same time, it is nice to design higher quality spaces and save our clients some money along the way.

William J. Martin, AIA
WJM Architect

The Big Move

At the June 2019 Convention in Las Vegas, the AIA voted into effect the Resolution for Urgent and Sustained Climate Action, also known as The Big Move, a strong focus on sustainability. This resolution has three parts:

- To declare an urgent climate imperative for carbon reduction
- To transform the day-to-day built practice of architects to achieve a zero-carbon, equitable, resilient and healthy built environment
- To leverage support of peers, clients, policy makers, and the public at large

In September 2019, the AIA Board of Directors, at their annual meeting, adopted the AIA Committee on the Environment (COTE) Top Ten initiatives into the Framework for Design Excellence. This move equates sustainable design and good design. The framework includes the ten components:

- Designing for Integration
- Designing for Equitable Communities
- Designing for Ecology
- Designing for Water
- Designing for Economy
- Designing for Energy
- Designing for Wellness
- Designing for Resources
- Designing for Change
- Designing for Discovery

The AIA website covers each of the ten components thoroughly, including best practices, suggestions on the most easily achievable, high impact measures, resources for assistance, and examples of successful projects. The Framework is available at: https://www.aia.org/resources/6077668-framework-for-design-excellence
Balancing Green Design with a Green Bottom Line

When it comes to “green design”, it may seem the emphasis is primarily on new construction and that older facilities are without cost-effective options. The truth is, there are several steps that can be taken to reduce the environmental impact and energy consumption of existing buildings, to help reduce operating costs. The first step is to perform an energy audit of your facility. Some factors to consider include energy conservation, water conservation, and indoor air-quality enhancement. Improvements often can be made as part of the regular facility maintenance schedule, or over a longer period as part of an overall plan.

Here are four places to consider in your energy audit:

1. Windows. Replace single-pane glazing with window systems that offer thermal protection. Not only will replacing your windows make your heating system more efficient, but it will make your building more comfortable.

2. Lighting. Beyond replacing incandescent and fluorescent lighting with newer LED technology, you can reduce your lighting bills by adding sensors to turn lights on and off automatically. Reopen any skylights that have been covered or closed off, to take advantage of natural daylight.

3. Plumbing. Install low-flow toilets, urinals and faucets. Upgrade hot water distribution systems and boilers for improved control, uniformity of temperatures, and energy efficiency. For steam-heat systems, service and replace all steam traps to improve evenness of the heat.

4. Paint and carpeting. You can consider air quality as well as aesthetics when it comes time to replace carpet and paint walls. Look for paints, carpeting and adhesives with low volatile organic compounds. The odors of low-VOC paints are less unpleasant, and the paints leek fewer chemicals into the air. With a phased approach, you can add environmentally friendly features to existing facilities within a modest budget, over time, with minimal disruption of your operation.

Paul S. Bryan, AIA, LEED AP, BD+C SNS Architects & Engineers, PC

Strategies for architects to green their designs and talking points that help convince clients to incorporate them.

It has been my honor and pleasure to serve as the AIA-NJ Chair of COTE for many years since 2006 to present as well as President in 2010 when we created the East Coast Green Conference to focus the profession on what AIA National is now calling the ‘Big Move’. While codes have continued to get stricter on energy performance in response to climate change concerns, they have not adequately addressed health & wellness along the way. With third party certifications like LEED™ and WELL™ coming along, this has come to the forefront and is one of the hottest topics in the world of sustainable design today. Owners are requesting buildings that are both environmentally responsible and healthy, productive places to live, work, and play more now than ever.

There is a sustainable ‘kit of parts’ or best practices that are recommended and ways to discuss these things with your clients that may sway them to be included. I always take a triple bottom line approach to the fullest extent possible, which is optimizing people, planet & prosperity of course. If you want to green your designs, here are the top six places to start with I think:

1. Building Orientation: Depending on where you are in the country, this answer changes, but generally around here, a long east/west axis which gives you a maximum south/north exposure is generally the best in my experience. It is the easiest to control heat gain & glare while also allowing for proper daylighting & passive solar. Make sure you optimize the building orientation if you can. It can be a 25% impact on MEP performance. Proper orientation and massing will inform your aesthetic and form.

2. Integration of Natural Systems: Daylighting and Natural Ventilation have been ignored for too long. Masters like Luis Kahn & Frank Lloyd Wright understood this. Big or small, integration of these natural systems can typically cut 10-30% in energy use for the same purpose. You can’t have this without #1 above typically. These features will also affect aesthetics & form.

Client talking point: You could reduce your operating costs and greenhouse gas emissions as much as 30% (prosperity & planet) and increase the comfort (people) and desirability of the property simultaneously.

3. Existing Building Focus: Not all buildings you will be working on are new of course and the above items are great suggestions if you are designing a new building from the ground up but less applicable to the built environment… unless it’s an existing building that is not optimizing the features above it may intrinsically have. Our existing building stock needs to be upgraded in performance and comfort if it is to remain relevant. There are so many things you can do in existing or new buildings and they are continued below. One thing to keep in mind, when the economy gets tough, people tend to tighten their belts and increasing building efficiency is the type of work that continues in such times.

Client talking point: With little to no upfront cost (prosperity) impact we can reduce greenhouse gas emissions up to 25% (planet) while improving occupant comfort, well-being (people) and building value.

4. BuildingEnvelope: New or old, the building envelope is our third skin. Don’t skimp on insulation or air sealing. These two things make all else easier when it comes to reducing energy consumption, and therefore greenhouse gas emissions, as well as improving health and productivity. Many comfort complaints are a result of a bad HVAC system, it is the result of a poorly insulated or sealed building envelope. This might mean just adding insulation or air sealing at windows, doors, attic and basement or something like a full window or roof replacement. Typically there ‘capital maintenance’ projects also happen to reduce energy use and increase comfort.

Client talking point: For every dollar you invest in the insulation & air sealing of your building envelope, you may save almost double that on the cost of your HVAC system (prosperity) while improving occupant comfort (people) and reducing environmental impact (planet).

5. System Efficiency: Whether water, energy or material use, using most efficient HVAC, lighting, controls and products for the project will reduce resource consumption, waste, the energy associated with harvest, extraction, production, shipping and installation of materials, and operating costs. The steps above should minimize the demand for power, now you need to ensure that the MEP Systems and materials used are most efficient. LED lighting, automated HVAC controls, hands free and ultra-low flow plumbing fixtures are the low hanging fruit.

Client talking point: Efficient HVAC, lighting, controls & use of resources should not cost significantly more upfront & will definitely save you money in operations and maintenance in new or existing buildings (prosperity), plus there are grants and incentives from State and Federal agencies to buy down upfront costs.

6. Integrate Renewables: Solar energy has come of age. It is a technology that will only continue to spread. Clients will want to charge their electric cars from the sun, not fossil fuels, in the near...
future. Building integrated photovoltaics are the most cost effective long term, like the Tesla solar shingle, because part of the cost is offset by the fact that it is replacing a building product, not applied on top of another. Battery storage, hydrogen fuel cells, wind, biofuel, geothermal and small scale hydro are all possibilities on your project depending on location and available resources locally. There are many incentives to support the use of renewables today and first costs have dropped by a factor of 10 in the last decade. As an architect I also say design it into the architecture of the building if you can, don’t just let it get slapped on your buildings as an add on.

### Bergen County Passive Houses:

#### Teaneck Passive House - built to PHIUS + certification

A forward thinking empty-nester couple wanted a super energy efficient home on an empty 50X100 lot on a street with traditional houses. They loved the idea of building to Passive House standards but finding a builder in 2013 to get on board was a challenge. Solution - we had the foundation site built with the slab on 8” EPS foam, the footings on 4” EPS foam and 4” EPS foam on the outside of the exterior foundation walls. The body of the house was 4 modular boxes by Westchester Modular Homes, built with a double stud wall, two 2x4 stud walls sitting on a 2x10 plate creating a 9.25” cavity that was filled with dense packed cellulose in the factory. The windows were triple glazed Shuco windows from Germany that were also factory installed. The 4 modules arrived at the site by flat bed trucks at 8am one morning and a crane and a small staff sprang into action and by noon they were secured in place! The roof was then site built in a few days with blown in open-cell spray foam in the walls and roof. The look is traditional with a welcoming porch and fits in with its cozy front porch and a half story house is also in a traditional neighborhood and will fit right in with its cozy front porch.

#### Waldwick Passive House - to be a Zero Energy Ready House and PHIUS + certification

Another terrific forward thinking couple remembered the Bergen Record article about the Teaneck Passive House and reached out to me when they were ready to build an energy efficient home for their 2 young sons on an empty lot in Waldwick, NJ. Again finding an interested and qualified builder was a challenge but Ryan Inc Builders are experienced in building low energy homes and they were very enthusiastic to work with BuildSmart prefabricated custom exterior wall panels and Ideal prefabricated foundation walls.

The house is currently under construction and the BuildSmart wall panels are being factory built while the Ideal prefabricated foundation walls and the first floor trusses have recently been installed. The two and a half story house is also in a traditional neighborhood and will fit right in with its cozy front porch on this 50 x 120 lot. The BuildSmart panels have 5” of foam sandwiched between two layers of plywood on the exterior and on the interior there is a 2x4 stud wall which will be filled with insulation on-site during construction. The BuildSmart panels will arrive with triple glazed Klearwall windows and exterior Ultratech European exterior doors factory-installed. The roof will have solar panels and there is an attached one car garage.

Malka van Bemmelen, AIA

#### CCRL, GPro

Faculty, LEED AP BD+C/O&M, CSBA, CCRL, GPro

Leagueline 2Q 2020 The Quarterly Newsletter of the Architects League of Northern New Jersey 7

---

### Is your firm up to the Challenge?

In 2006, the organization Architecture 2030 issued the 2030 Challenge. Architecture firms that take up the challenge make the commitment to reduce the energy use of their designs, meeting reduction targets that incrementally drop until 2030, when the designs will be carbon neutral, requiring no greenhouse gas emitting energy to operate.

Currently, the target is to use 80% less energy than the average energy use of the building type in the region in which it is built. In 2050, the target will drop to 90%. Both new buildings and major renovations are able to participate.

When a firm signs on to the commitment, it records data from its enrolled projects, including measured performance data, into the 2030 database, keeping score of the project’s and the firm’s success. Since this is a voluntary program, there are no penalties for missing a target. In addition to tracking individual projects and firms, the data is used to evaluate the effectiveness of various strategies and materials in order to inform future efforts.

Upon committing to the challenge, firms are provided with a great deal of assistance from 2030, including the 2030 Palette, an online source of design and implementation strategies that is arranged by scale, from regional to city, neighborhood, site, building, and materials. Additionally, the AIA, which has supported 2030 from the start through the AIA 2030 commitment, which gives firms access to the Design Data Exchange and the AIA+2030 Online Series.

Despite the fact the challenge is well underway and the targets are higher, the easy availability of helpful data and resources, means that we should all be encouraged to take up the challenge. Information on the 2030 Challenge can be found here: https://architecture2030.org/2030_challenges/2030-challenge/

---

### Zero Carbon Greenhouse

It’s the reuse of an abandoned existing four foot high block wall left in a court yard of our high school. It is from this that the concept for reuse and repurposing was decided upon for the basis of the greenhouse design. Reuse and repurposing is a strong element of LEED design.

The construction of the additional enclosure has a Trombe Wall (for heat gain during the Winter), solar roof panels (for a sustainable source of energy to run pumps and electronics), a small wind generator- not shown in the rendering, storage batteries located inside the structure, and 3 large 55 gallon hydroponic tanks.

You should note that I had already demonstrated the application of a truly CLOSED hydroponic system from a federal grant I received from Stevens Institute for Innovation in Engineering and Science Education.

I grew from seed, tomato & basil plants. The plants in turn symbiotically nourished newly harvested cichlid fish (baby tilapia) in the fish tanks. The by-product from the growing fish was then pumped back up into the plants and herbs.

The entire project is a study in sustainability represented by both the greenhouse structure and the internal hydroponic system. You can’t get more SUSTAINABLE than this.

Richard Bettini, AIA

---

### Client talking point:

If you are concerned about safety, security, comfort and resiliency, investing in a renewable energy system as part of your project makes sense and since costs are a fraction of what they once were, a very energy efficiency building will need much less renewable to power it. Besides this, there are significant incentives available for integrating renewables to help offset the upfront costs for a reasonable payback.

Jason Kliwinski, AIA, LEED Fellow/Faculty, LEED AP BD+C/O&M, CSBA, CCRL, GPro

---

It’s the reuse of an abandoned existing four foot high block wall left in a court yard of our high school. It is from this that the concept for reuse and repurposing was decided upon for the basis of the greenhouse design. Reuse and repurposing is a strong element of LEED design.

The construction of the additional enclosure has a Trombe Wall (for heat gain during the Winter), solar roof panels (for a sustainable source of energy to run pumps and electronics), a small wind generator- not shown in the rendering, storage batteries located inside the structure, and 3 large 55 gallon hydroponic tanks.

You should note that I had already demonstrated the application of a truly CLOSED hydroponic system from a federal grant I received from Stevens Institute for Innovation in Engineering and Science Education.

I grew from seed, tomato & basil plants. The plants in turn symbiotically nourished newly harvested cichlid fish (baby tilapia) in the fish tanks. The by-product from the growing fish was then pumped back up into the plants and herbs.

The entire project is a study in sustainability represented by both the greenhouse structure and the internal hydroponic system. You can’t get more SUSTAINABLE than this.

Richard Bettini, AIA
**GREAT IDEAS CAN SURFACE ANYWHERE.**

**VERSALAM® LVL 2.1 now leads the industry in bending strength**

for higher allowable loads and more design flexibility. Sometimes, a larger MOE value doesn’t mean greater bending strength.

**BOISE CASCADE VERSALAM® LVL 2.1 3100 IS:**

- 7% **stronger** than both 2.0E & 2.2E PSL
- 33% **stronger** than 1.55E LSL
- **Up to 19% stronger** than some 2.0E laminated veneer lumber beams

It’s easy to think engineered wood beams with the same MOE value are direct substitutes, but that’s a risky assumption. Using a weaker beam than VERSALAM® LVL 2.1 3100 may mean you need to add another ply – subtracting profits.

---

**LARGEST STOCKING DEALER OF BOISE CASCADE ENGINEERED WOOD PRODUCTS IN THE REGION.**

**EXCEPTIONAL DELIVERY | FIELD CONSULTATIONS AVAILABLE**

KUIKENBROTHERS.COM | (201) 652-1000
Installation Dinner

On January 11, the Architects League and AIA-NJ held a joint installation dinner at the Treasury at Felina in Ridgewood. The event celebrated incoming League President Matthew A. Fink, AIA, incoming AIA-NJ President Steven B. Lazarus, AIA, outgoing Presidents Todd M. Hause, AIA, and Judith Ann Donnelly, AIA, as well as the Boards of both components. The event also included ceremonies for the ALNNJ Trustees, Community Service and Vegliante Awards, the Diane and Ben Lee Educational Grant, the AIA-NJ Service Awards, and the AIA-NJ Design Awards. This year, ALNNJ Trustee Awards were presented to Cheryl Fothergill, Assoc. AIA and Paul S. Bryan, AIA. The Community Service Award, created this year, was presented to William J. Martin, AIA. The Anton L. Vegliante Award, the League’s highest award, was presented to Bryan Pennington, AIA.

The Diane and Ben Lee Educational Grant, also created this year, was presented to Philip Giambri, who teaches at the Vineland High School. Information on the AIA-NJ Awards, which included local architect Albert F. Zaccone, AIA and local firm Marchetto Higgins Stieve Architects, may be found at: aia-nj.org

The festivities also included dancing and live music by Moxie.

February Meeting

The February Membership Meeting was held on the 27th at Maggiano’s in Paramus. Jay Valgora, founder of Studio V Architects in New York City, spoke about Industrial Revolution: Artifact to Architecture, on how the firm’s projects have used existing structures for new purposes. The highlighted projects included the Empire Stores, as seen on recent Ted Kessler Tours of the Brooklyn waterfront, Industry City in Queens, the project for The Tanks at Bushwick Inlet Park, and Silo City in Buffalo, an opportunity for Mr. Valgora to work on the very structures that inspired him to become an architect.

AIA Grassroots

AIA Grassroots 2020 was held in New Orleans, LA on February 18th-20th. Cecilia Can, Assoc. AIA, Anna Chang, Assoc. AIA, Chris Henrickson, AIA and Steven Lazarus, AIA from the Architects League of Northern New Jersey were all in attendance. Speeches were given by candidates for AIA At-large Directors, Secretary and 2022 President Elect. Excellent work sessions such as “Speak Like a Pro”, “Embracing our Differences”, “Race & Gender in the Architecture Profession” and “Leading Through Influence” were attended by representatives from the League. Sustainability, inclusivity and equity continue to be huge concerns for the AIA and any way they can be promoted within the profession, and to the public at large is a top priority. Former Oklahoma City mayor Mick Cornett gave an excellent speech and presentation at the end of Grassroots. In which he described the urban revitalization that occurred in Oklahoma City during his mayoralty.
**RECOMMENDED**

**Easter Sunday**

**Brooklyn**

**June 2020**

**MoMA will open a major black architecture exhibition this fall**

**Vida Americana**

**AUTOMANIA**

**MoMA**

**Lines from Life**

**[ROAD TRIP]**

**[ROAD TRIP]**

**POSTPONED A’20**

**CORRECTION**

In Leagueline 2Q we mis-identified Martin Santini as AIA, He is FAIA. Sorry Martin.

**New Members**

ALNNJ is pleased to welcome the following New Members:

- Michael Cape, AIA
- Tai-Yi Chuang, Assoc. AIA
- Cameron Clark, Assoc. AIA
- Jin Kim, AIA
- Sangin Kim, Assoc. AIA
- Kevin Miranda, Assoc. AIA
- Nicholas Ramirez, Assoc. AIA
- Natnaree Ruephaivanich, Assoc. AIA
- Maryam Zamani, Assoc. AIA

**New Allied Members**

- Perry Cirigliano, Patcraft
- Kyle Perdelwitz, Pella Windows and Doors
- Steve Williams, Wohlsen Construction

The Architects League looks forward to your involvement and participation. Please introduce yourself at the next meeting or event.

**Notice:**

As we go to press, the Coronavirus is spreading throughout our community. Please check with each venue before making your plans.

**Nikolai Astrup**

**Visions of Norway**

**June 13 thru Sept 13**

**clarkart.edu**

**Jean-Jacques Lequeu:**

**Visionary Architect**

**The Morgan Library & Museum**

**Through May 10, 2020**

**themorgan.org**

**Alan Karchmer:**

**The Architects Photographer**

**opening March 13th**

**nbm.org**

**Tomato Toor:**

**How will I know**

**thru July 5th**

**whitney.org**

**MOMA**

**Reconstructions: Architecture and Blackness in America,**

**opening October 17.**

**MoMA will open a major black architecture exhibition this fall**

**Reconstructions: Architecture and Blackness in America,**

**opening October 17.**

**Join Us!**

**Annual Trade Show**

**Architects League and Newark & Suburban**

**April 23, 2020**

**ALNNJ Member Meeting**

**Innovations in Mass Timber**

**see alnnj.org for details**

**ALNNJ Member Meeting**

**Social Media Presentation**

**see alnnj.org for details**

**New Members**

- Michael Cape, AIA
- Tai-Yi Chuang, Assoc. AIA
- Cameron Clark, Assoc. AIA
- Jin Kim, AIA
- Sangin Kim, Assoc. AIA
- Kevin Miranda, Assoc. AIA
- Nicholas Ramirez, Assoc. AIA
- Natnaree Ruephaivanich, Assoc. AIA
- Maryam Zamani, Assoc. AIA

**New Allied Members**

- Perry Cirigliano, Patcraft
- Kyle Perdelwitz, Pella Windows and Doors
- Steve Williams, Wohlsen Construction

The Architects League looks forward to your involvement and participation. Please introduce yourself at the next meeting or event.

**Notice:**

As we go to press, the Coronavirus is spreading throughout our community. Please check with each venue before making your plans.

**ALNNJ Scholarship Deadline**

**Tuesday, May 5th, 5:00pm**

**Apply Online**

**www.alnnj.org**

**ALNNJ Member Meeting**

**Social Media Presentation**

**see alnnj.org for details**

**New Members**

- Michael Cape, AIA
- Tai-Yi Chuang, Assoc. AIA
- Cameron Clark, Assoc. AIA
- Jin Kim, AIA
- Sangin Kim, Assoc. AIA
- Kevin Miranda, Assoc. AIA
- Nicholas Ramirez, Assoc. AIA
- Natnaree Ruephaivanich, Assoc. AIA
- Maryam Zamani, Assoc. AIA

**New Allied Members**

- Perry Cirigliano, Patcraft
- Kyle Perdelwitz, Pella Windows and Doors
- Steve Williams, Wohlsen Construction

The Architects League looks forward to your involvement and participation. Please introduce yourself at the next meeting or event.

**Notice:**

As we go to press, the Coronavirus is spreading throughout our community. Please check with each venue before making your plans.

**Nikolai Astrup**

**Visions of Norway**

**June 13 thru Sept 13**

**clarkart.edu**

**Jean-Jacques Lequeu:**

**Visionary Architect**

**The Morgan Library & Museum**

**Through May 10, 2020**

**themorgan.org**

**ALNNJ Member Meeting**

**Innovations in Mass Timber**

**see alnnj.org for details**

**New Members**

- Michael Cape, AIA
- Tai-Yi Chuang, Assoc. AIA
- Cameron Clark, Assoc. AIA
- Jin Kim, AIA
- Sangin Kim, Assoc. AIA
- Kevin Miranda, Assoc. AIA
- Nicholas Ramirez, Assoc. AIA
- Natnaree Ruephaivanich, Assoc. AIA
- Maryam Zamani, Assoc. AIA

**New Allied Members**

- Perry Cirigliano, Patcraft
- Kyle Perdelwitz, Pella Windows and Doors
- Steve Williams, Wohlsen Construction

The Architects League looks forward to your involvement and participation. Please introduce yourself at the next meeting or event.

**Notice:**

As we go to press, the Coronavirus is spreading throughout our community. Please check with each venue before making your plans.

**CORRECTION**

In Leagueline 2Q we mis-identified Martin Santini as AIA, He is FAIA. Sorry Martin.