



AIA Southwest
Michigan

DESIGN AWARDS CELEBRATION :19

aia southwest michigan | vol.9 | november 2019 | editors_geselle neal & sara tripp

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2019 chapter board

aia southwest michigan

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from the president

Dear Fellow AIA Southwest Michigan Chapter Members and Guests –

Thank you for joining in this annual celebration of architecture! Every year we are witness to an exceptional range of projects from throughout our Chapter. The diversity of built and unbuilt designs showcase the broad focus and talents of our members. It is exciting to see the growth in our region and the impact we, as architects, provide year after year.

Your AIA Southwest Michigan Chapter Board has spent 2019 focusing on growing the participation of our membership in Chapter activities. Additionally, there remains focus on providing the Core Services in areas of member communications, continuing education, public outreach, advocacy, membership, finance/operations, and governance. These Services allow us to maintain our status as a Chapter of the American Institute of Architects. This continued focus has resulted in the Chapter successfully navigating the accreditation process, again becoming an accredited component of the American Institute of Architects on May 1, 2019. This certification will last through 2022.

Our committees have been hard at work carrying forward successes of the recent past by increasing member involvement and developing new opportunities for the membership.

A few of the notable achievements of 2019 include:

- AIA SWM's continued participation in, and volunteer recruitment for, the NOMA Project Pipeline Summer Camp
- Championing the continuation of the Architects and Engineers Golf League
- Seeking additional collaboration opportunities with the City of Kalamazoo
- Striving to drive more traffic to our new Chapter website

We are eager to continue the great work of our committees and we welcome new ideas to help continue to improve our Chapter. We strive to provide our members with a valued member experience both professionally, and socially.

Due to its great success, this year we continued the annual sponsorship program, originally created in 2017, seeking sponsors once a year and providing year-long exposure for their support. Please take note of the sponsors of this Chapter, located elsewhere within this booklet and on the sponsor banner in this event space. Create an opportunity to talk with them and thank them for their support, which in turn allows our Chapter to provide you an even greater value for your AIA membership.

It has been a pleasure working with this great group of dedicated individuals serving on the Chapter's Board of Directors over the past year. I look forward to 2020 and witnessing the continued growth of our member participation and the growth of our presence within the communities we serve.

Sincerely,
Douglas L. Milburn, AIA, NCARB
AIA Southwest Michigan Chapter President

year in review

january

- 09_aia swm board meeting_TMP Architecture
- 24_aia swm event
Advanced Architectural Products SMARTci_1.0 HSW
- social event_burdick's

february

- 13_aia swm board meeting_Kingscott
- 21_aia swm tour_7GAE & Wightman_1.0 HSW

march

- 6-8_aia national grassroots conference_washington dc
- 13_aia swm board meeting_Byce & Associates, Inc.
- 20_ASCE/NAWIC/AIA building tour_the foundry_1.0 HSW
- 28_networking event with CSI Group_the beer exchange
- 28-29_aia mi health facilities planning seminar_grand rapids,mi

april

- 10_michigan producers council luncheon_food dance
- 10_aia swm board meeting_Eckert Wordell
- 17_legislative day aeslc_lansing, mi
- 25_pecha-kucha kalamazoo event

may

- 8_aia swm board meeting_Diekema Hamann A+E
- 30_aia swm tour_wmu innovation center_1.0 HSW

june

- 6-8_aia national : conference on architecture_las vegas, nv
- 12_aia swm board meeting_TowerPinkster A|E
- 21_aia mi honor awards_rochester, mi
- 26_aia swm tour_the exchange_1.0 HSW

july

- aia swm board vacation month
- 26-27_noma project pipeline event_8.0 HSW

august

- 1-3_aia mi mid summer conference_mackinaw island, mi
- 7_aia swm usta boys tennis_dinner @ the nationals
- 8_aia swm tour_portage public schools_1.0 HSW
- 14_aia swm board meeting_TMP Architecture
- 20_aia swm tour_newell brands design center_1.0 HSW
- 27_architecture trivia night by pella_paw paw brewing

september

- 11_aia swm board meeting_Kingscott Associates
- 13-14_aia mi design conference_camp hayo-went-ha_torch lake
- 20_aia/nawic/cfma golf outing_heritage glenn
- 25_aia swm tour_180 east water street_1.0 HSW
- business meeting | social event_burdick's

october

- 9_aia swm board meeting_The Foundry
- 10-11_aia mi leadership retreat / annual meeting
- 25_aia swm ceu marathon day_mtec center_kvcc_8.0 HSW
- 30_aia swm tour_heritage tower, battle creek_1.0 HSW

november

- 7_aia swm design awards celebration_cityscapes_1.5 HSW
- 13_aia swm board meeting_Byce & Associates, Inc.
- tbd_aia swm tour_tbd_1.0 HSW

december

- 11_aia swm board meeting_TowerPinkster A|E
- tbd_aia swm tour_tbd_1.0 HSW

sponsors

The generous, year-long support of our sponsors has helped us bridge the financial gap between our income and the cost of our goals for serving our members. Please take a moment to show your appreciation.

Thank You to Our 2019 Sponsors!

Platinum Level



Gold Level



Silver Level





8

allegretti architects
private residence_bridgman, michigan



Located in the dunes of the southwest corner of Lake Township, Michigan; Wildwood is a vintage 1960's community founded on appreciation and stewardship of the natural environment. More than three-quarters of the property is dedicated to a wildlife habitat nature center surrounded by largely unbuildable critical dunes. Our clients purchased a lot and in the early 1970's then built a one-story walkout ranch house, and in the 1980's added a new kitchen and living areas. A few years ago, our firm was engaged to design a master suite, entry and stair over a three-car garage and elevator. Renovations also considered a loft, decks, terraces, landscaping, and a screen porch. The owner requested that five existing northeast facing windows in the living room be retained, their request inspired the addition's footprint. The addition would provide a beautiful space for the client's mother, her full-time caregiver, and the client's three grown children's growing families.

The entry reoriented a new stair area creating an open, covered, at-grade entry terrace, and a main level entry area covered deck gathering space. We integrated the low-pitched roof that was used on the original home into a series of layers that dovetailed into the children's loft above the master suite and garage. Warm LED (2700K) valence strip lighting, as well as recessed, and pendant lighting wash the douglas fir glulams and paneling. A 98% efficient gas forced air HVAC system coupled with a R-50 roof system, a R-28 wall system and R-15 Foundation and slab insulation. The Pella low-E argon filled windows with shades exceed the State of Michigan energy code. Other existing energy deficiencies in the existing home were also remedied. Interior shades assist the four-foot-six wide overhangs along with the exterior trellises.

Recently returning to the home for a house warming party, we were informed by the owner that they love the way the space is being used by their family and that their mother, at ninety-six years young, is thriving.



10 byce & associates, inc.
new training center mrcc_wayland, michigan



In order to train, educate and prepare well qualified apprentice carpenters and millwrights for successful careers in the construction industry, The Michigan Regional Council of Carpenters and Millwrights (MRCC) set out to create a regional Apprentice Training Center, Community Engagement Center, and Union Hall. The purpose of this facility is to connect the Union Trades to the larger community through interactive programs within functionally beautiful spaces, as well as active participation with High School Career Development and Career Skills Training Programs.

The facility also provides office space for the MRCC Union Local, and the Michigan Statewide Carpenter and Millwright Training Fund. Although these two organizations are closely related, they must maintain very clear delineation and autonomy due to federal regulation and oversight.

The New Training Center needed to take advantage of its location along US 131 to prominently showcase the facility, its purpose of training, and advocacy for the advancement of the skilled trades, apprentices, and members. On the West Facing Side, the facility needed to serve as a beacon to that message and to those traveling between Grand Rapids and Kalamazoo.

On the East Facing Side, the facility needed to present a welcoming front door and a symbol of the intrinsic value in the skilled trades and the honor in quality workmanship. The New Training Center needed to serve as a melding together, yet clear separation and delineation between the primary functions of Education & Training, Community Outreach, and Labor Advocacy.

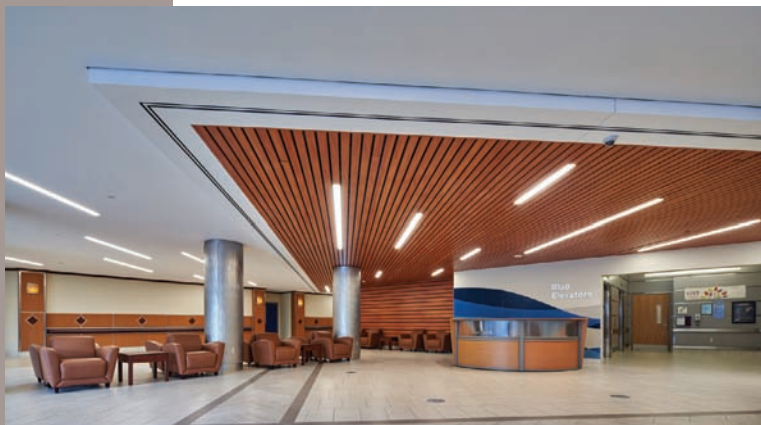
Parking was consolidated on the site by locating the multiple entries to a centralized location, while maintaining separation. The Main Gallery serves as the visual locator of the “front door”, maintains the separation between the regulated organizations, and engages the community with the Union and the Apprentice Training Fund.

The timber framed Gallery greets visitors at the entry drop-off and extends toward the highway to display the craftsmanship of the skilled tradesmen through the use of rough timber framing and finished carpentry. The Gallery functions as the main circulation element providing the required separation of the organizations while creating a place of community for the users and public.



12

c2ae architecture - engineering
south lobby, u.s. department of veteran's affairs_detroit, michig



Imagine that you're driving to a hospital you've never visited before. You pull into the driveway, and signs direct you to the department you need. After you park, you walk toward the large, well-lit awning and enter the doorway below it. Inside, you immediately notice the front desk, where you check in. Finally, you take a seat in the waiting area.

Although you may not always detect them, visual cues—manifested in signage, lighting, materials, furniture, and fixtures—guide users through public spaces like hospitals. These cues are known by designers as wayfinding.

For the John D. Dingell VA Medical Center, a renovation project needed to incorporate strong wayfinding into the existing South Lobby to create a visual connection to a new emergency department addition. C2AE renovated 3,000 SF of existing space and added a 2,000 SF expansion of public way and waiting space to the lobby. The team improved wayfinding using several elements from the exterior to the interior. Outside, the South Lobby entrance is marked with a green awning. Inside, long wood panels on the ceiling and linear patterns in the floor tiles make user paths intuitive. These elements effectively relieve patient congestion.

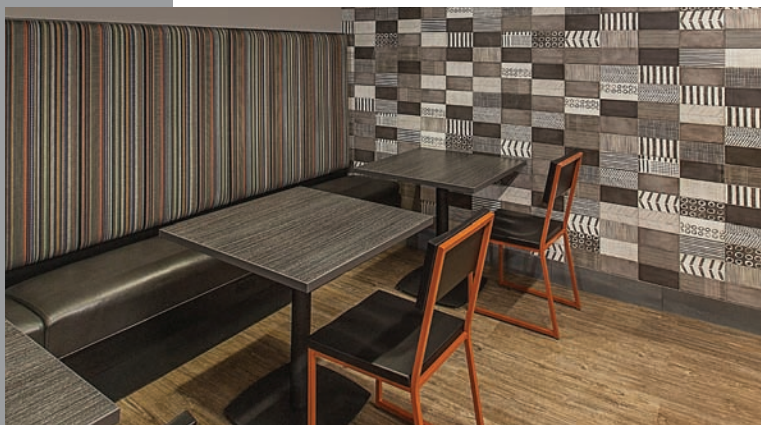
C2AE project manager Kelly Homic notes that high-traffic lobbies often use dark colors to hide dirt and grime; however, lighter tones are rising in popularity for hospitals. This change makes waiting areas feel more inviting, so long as materials are durable and easy to maintain. The South Lobby uses ample windows and natural tones throughout the space to enhance continuity from the exterior to the interior. Not only does this design support wayfinding, it also adds to the sense of openness for visitors. Even on busy days, the lobby feels spacious and comfortable.

What message does the improved South Lobby tell users about the United States Department of Veterans Affairs? The VA cares for the wellbeing of veterans. You're safe here.



14

diekema hamann architecture & engineering
conversion of reckers to pizza pi, university of notre dame_south



STATEMENT OF THE PROBLEM

Freshens has long been a staple franchise on the University of Notre Dame campus – serving up freshly made custom smoothies for students and faculty alike. Freshens decided to establish its inaugural dining experience – Pizza Pi – on Notre Dame's campus and in place of an existing student dining cafe. Without a major renovation for over 20 years, the existing student dining option at South Dining Hall suffered from a lack of foot traffic and an old, and tired, aesthetic. It needed to be hospitable and be a new dining destination for all. The challenge was to make a franchise's new and inaugural dining experience differentiate itself from the other dining offerings on campus, most of which have been renovated regularly.

STATEMENT OF THE SOLUTION

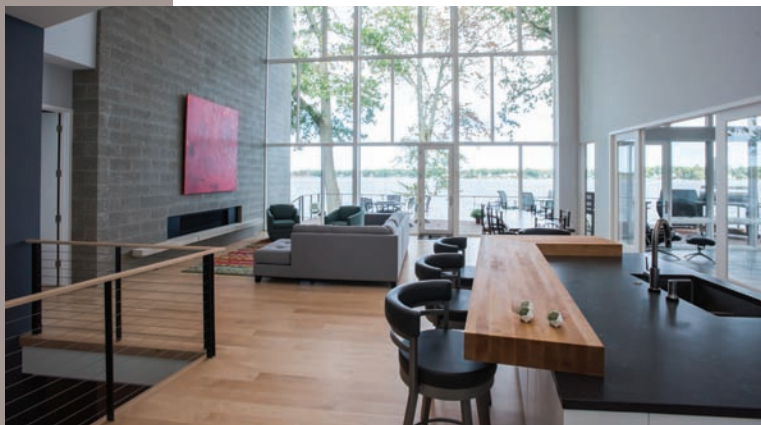
It started with the deliberate use of a Marra Forni authentic brick oven from Italy as a focal point of the kitchen/bar area. A portion of this barscape was designated to serve beer and wine and needed to feel special, more upscale. The design of the café provided a variety of experiences within one space, whether it be collaborative at the large farmhouse table or more private while tucked into a booth underneath a wood trellis.

DESIGN FEATURES:

1. Wood beam trellis's in the lounge area, providing cozy spaces in an area with high ceilings.
2. Large communal farmhouse table lined up to the oven's opening, providing a strong axial relationship between hearth and home.
3. Metal trellis over the bar area to separate the main serving line.
4. Beautiful live edge bar top with a waterfall design, making the transition between two heights seamless. The top was a marriage of butternut, also known as white walnut, and walnut, providing another focal point juxtaposed with the copper top of the pizza oven. Both exuding a welcoming glow that draws people into the space. There are magical moments throughout the space with design elements carefully crafted to not overwhelm the space but to collectively create a memorable experience.
5. Ceramic Tile accent wall that appears as a textile from a distance.
6. Ceramic Tile accent wall to establish the new Pizza Pi brand.



16 **inform architecture**
west lake residence_portage, michigan



The goal of this project was to replace a small single-story seasonal family cottage with a year-round home that takes advantage of the views and topography of this lakefront site while providing privacy for the occupants. The program called for a large open living area, a master suite, study, a small home gym and five additional bedrooms. The style was to be distinctly contemporary.

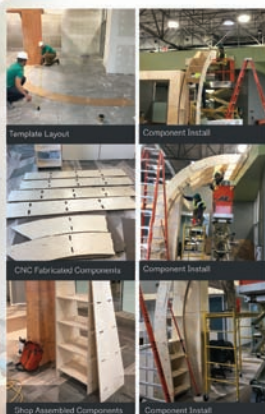
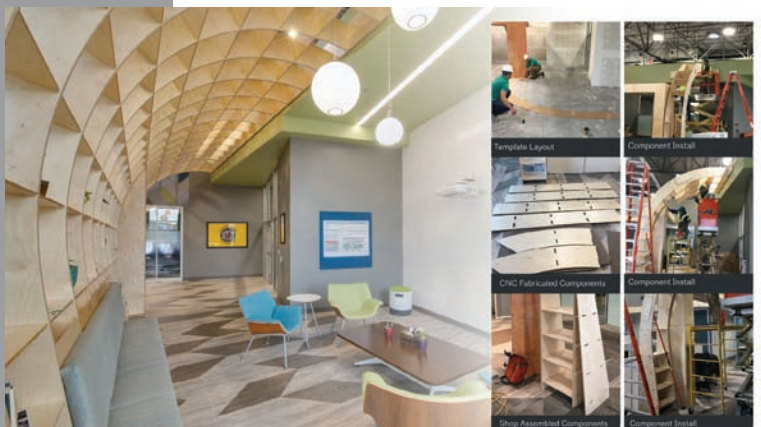
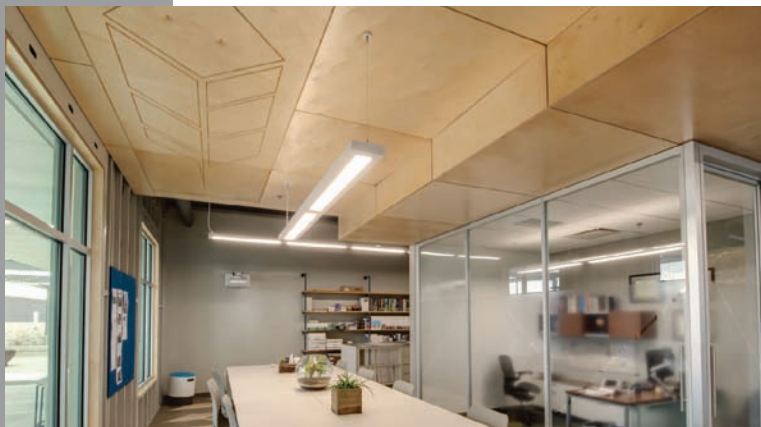
The house is shielded from the street by the placement of the garage and by limiting the amount of window area facing the road. The main entry is recessed and glazed with frosted glass for privacy. Due to the narrowness of the site and the proximity of the neighboring houses, the windows on the sides of the house were also limited and mostly high up on the walls. The limited fenestration on the front and sides is made up for by the full wall of glass on the lake side, facing north. The house is anchored by an exposed masonry foundation. This masonry also cuts through the center of the house on the fireplace chimney to separate the public and private spaces on the first floor, becoming a primary material on the interior. The house is clad with three different siding materials: horizontal longboard siding, vertical ribbed steel siding and cement board panels installed as a rain screen. The standing seam metal-clad roof rises from a low point at the street elevation to a height of 24 feet at the lakefront to capture the views and the north light.

The house is organized into two levels and is entered on the upper level. This level contains the main living spaces, the master suite and the study. The angled stair railing guides visitors into the main living area. The kitchen, dining area and living area are each distinct areas within one large space. This space is visually connected to the outside by the soaring ceilings and large fireplace mass that penetrate the exterior wall. The lower level contains the children's and guest bedrooms, a secondary living space and the home gym.



18

seven generations architecture + engineering
seven generations architecture + engineering_kalamazoo, michi



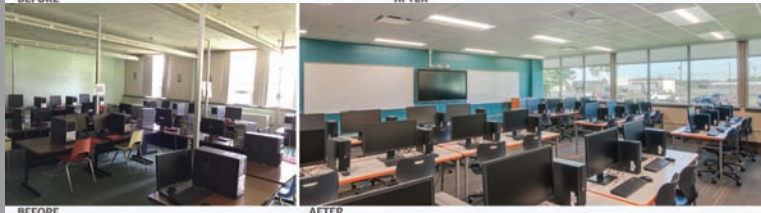
This new 5,000 square foot architectural lab is designed as a individual suite within a larger co-operative workplace environment. Our mission was to compliment the spirit of the larger space by adding both function and character to the new suite build out. A variety of working environments were imagined in multiples zones. Private offices, focus rooms, open and closed collaboration areas, a video conference room and an open interior design collaboration library were created to compliment the open office design lab that makes up the majority of the office footprint.

The hive, a cylindrical structure built within the office space, is the crowning feature of the office. The hive was built with implementations of 3D modeling and a 'kit' construction approach. The hive provides a more intimate area for group meetings and encourage comfortable and collaborative discussion.

Interior finish selections are inspired by company branding, with individual pieces of the feather logo within the floor patterns, and color schemes following the traits of the company's blues and greens. Custom features of the office include the Hive, wood trimmed bulkhead, pipe shelves, and digitally printed wall covering and window film.



20 **seven generations architecture + engineering**
dowagiac union high school_dowagiac, michigan



Unimproved since the original construction in 1956, students in Dowagiac were walking on the same flooring, and sitting in the same furniture that their parents and grandparents used. The building needed renovation to become a safe and secure high school. One that provided the energized and social educational setting necessary to produce high achieving students in academics and athletics today.

Dowagiac Union High School has now been transformed into a state-of-the-art high school. This modern facility provides instructional programs adapted to meet the needs of 21st century students, grades 9-12.

Welcoming visitors is a new secure entry vestibule, which along with the relocated administration space acts as a buffer, protecting students from guest access. Corridors flooded with natural light lead to classrooms which have been reimagined as learning studios. Each learning studio now offers flexible furniture arrangement and includes integrated technology such as 72" touch-screen monitors, chrome books, wireless internet and audio enhancement.

At the core of the academic wing is an open Learning Commons to support team teaching, project-based-learning, and activities that would otherwise be limited within the standard size learning studio. Department based teacher planning space has been incorporated into the floor plan, separate from the classroom, to encourage further team integration among teachers.

The Media Center has become a more flexible space to accommodate multiple classes in adaptable, socially active settings, including various seating configurations to encourage teamwork among students. The elective labs, Art, Band and Choir, Life Skills, Robotics and the Weight Room all received complete transformations coordinated with the welcoming and energetic color scheme provided throughout the building.

An 18,600sf regulation size basketball court and competition gymnasium with a large lobby has been added to the high school's west side. The new entry lobby is a transition space to accommodate community gatherings and is filled with exterior views and the richness of natural light.

The existing cafeteria has been updated with modern, durable finishes, and now offers a multitude of seating options for student placemaking. Here, the full building window replacement provides an abundance of daylighting from the adjacent outdoor courtyard.



22 **slocum architects**
kalsec, inc. _ kalamazoo, michigan



Kalsec, Inc. is headquartered in Kalamazoo, Michigan and is a global leader in the production and supply of extracts derived from natural herbs and spices that are for use in the food and beverage industry.

The new 8,000 square foot facility, “The Barn” office building was completed in 2018 and has been designed to keep with the style of the corporate campus and the circa 1880s barn that still stands on the site. This building replaces a barn that had been a working barn up to a few years previous. In an effort to reduce waste sent to landfill, when the barn was razed a majority of the building was recycled or reclaimed for use in the new office building.

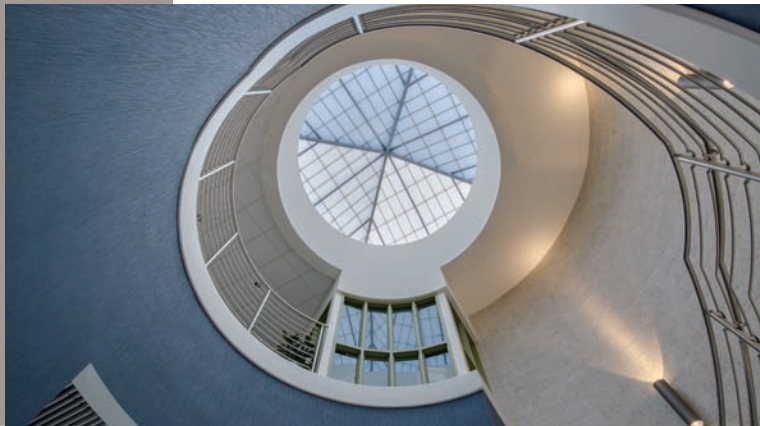
The Barn is composed of a masonry, steel, concrete plank and glue-laminated timber construction, with natural interior finishes and polished concrete flooring. The building utilizes a translucent ridge skylight to provide natural diffuse light into the main corridor along with high borrowed lights in the individual offices.

The building utilizes radiant in-floor heating as well as boiler supplied air handling units which feed from the existing adjacent lab building that connects to the new office. This was done to not only provide a comfortable climate for the building’s occupants, but also to utilize the equipment already in use and to maximize efficiency of the existing system.

The building has also been outfitted with a 31 Kw capacity photovoltaic system to help reduce their carbon footprint for this building. In addition to this there are eight electric vehicle charging stations that have been added to the parking on site to further promote the reduction of reliance on fossil fuels, which is important to the client and echoes their practices of being good stewards of the environment.



24 **slocum architects**
park place of kalamazoo and rx optical_kalamazoo, michigan



Our clients for the project are Park Place of Kalamazoo, which is a property development company located in Kalamazoo and Rx Optical, which is a regional optometry, vision manufacturer and retailer headquartered in Kalamazoo.

The new office building is a 20,800 square foot facility that was completed in the fall of 2017. It was designed as a part of an Rx Optical campus which houses a retail and optical facility, manufacturing building and the corporate headquarters. To encourage wellness the campus plan incorporated walking trails and landscaped areas for the occupants use.

The building is a 2-story steel and masonry structure that sits on a structural slab supported by 195 concrete piles that extend 60 ft. in depth. The new office incorporates a large training room, lobbies, open office areas, a board room, break rooms and a kitchen. The space was designed to provide inspiring work and support spaces that promote personal growth and wellbeing.

In addition to creating vibrant spaces for the employees to thrive, the building also incorporates a mechanical system to allow for more control of the individual spaces to provide for more individual comfort. Along with thermal comfort, all office areas have exterior windows and a large translucent skylight which provides natural daylight. An LED lighting system provides optimal energy efficient lighting throughout the building.



26

towerpinkster

katke golf learning center, ferris state university_big rapids, michigan



The Katke Golf Course is the home of Ferris State University's Professional Golf Management (PGM) program, founded in 1975. Program graduates leave the school with a Bachelor of Science degree in business. The success of the unique program led the University to explore a new building addition to the existing clubhouse facility to provide enhanced student instruction opportunities and to house the Michigan Golf Hall of Fame.

The unique combination of building program was a key driver of the two-story design solution. The lower level program is focused on golf instruction and contains hitting bays equipped with overhead doors allowing golfers to hit onto the driving range. State-of-the-art technology was installed for instructors to provide detailed swing analysis and club fitting. A 650 square-foot indoor putting green is located adjacent to the hitting bays. The upper level displays Michigan Golf Hall of Fame artifacts in a visually exciting and interactive environment. During the design phase, improvements in golf simulator technology led the University to desire a space that accommodates four simulator bays adjacent to the Hall of Fame area. The installation of the simulator bays provides year-round opportunities for golf training, while also creating a revenue stream from community rental of the simulators.



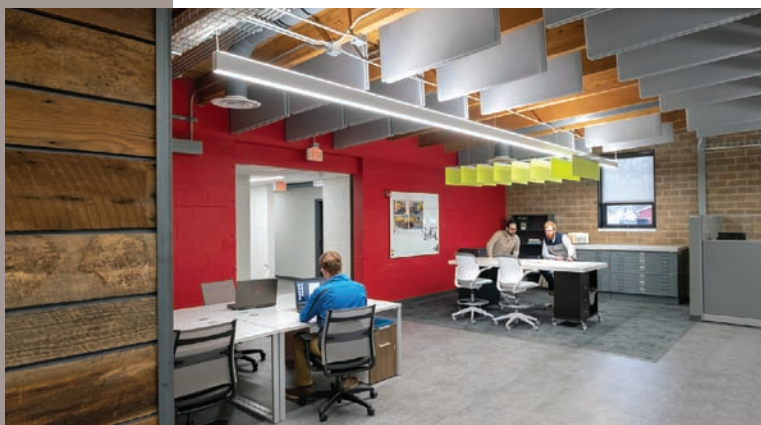
The building massing is composed of contrasting flat roof forms and pitched roof forms that echo the language of the existing clubhouse. Fiber cement lap siding placed at the pitched roof elements complements the existing clubhouse which is clad in stained cedar siding. Large format fiber cement panels were installed at the flat roof areas to provide accent and contrast to the lap siding, while also creating a backdrop for signage. The upper level is clad in large areas of curtainwall at the north and south ends of the building, creating a strong indoor/outdoor relationship for golfers and building occupants. The lower level along the south end is clad in curtainwall to allow for greater visibility of the activity that occurs at the indoor putting green.

This design allows the PGM program to continue to grow by providing one of the finest golf learning facilities in the Midwest.





28 wightman
wightman kalamazoo office_kalamazoo, michigan



A renaissance has captured the Northeast corner of Walbridge and East Ransom streets close to the heart of downtown Kalamazoo. What was originally the Galloup Pipe Company, an 11,200 SF single-story warehouse built in 1937 for piping product and a 4,200 SF addition, the architects and designers at Wightman have created a vibrant showplace highlighting their incredible skill sets and vision.

The combination masonry, steel, and wood structure building has been transformed into a functional, modern open office setting. Renovation became an exercise in delicacy with the goal of achieving balance between old and new. Thoughtful care was taken to restore and enhance the structure's original design features as much as possible, which included exposing the original structural glazed tile walls, timber beams, and wood decking. New structural and design elements, including additional structural reinforcing, exposed ductwork, metal panels, reclaimed barnwood, and textured materials, were installed to give the interior a stylish and eclectic feel. Contemporary furniture and fixtures are woven throughout the different spaces in the building. New flooring materials and wall coverings provide color and space definition, while acoustic panels dampen sound within the work zones. In addition to open concept workstations, the building also features three focus rooms, three collaboration rooms, three multi-sized sized conference rooms, a large breakroom, and attached storage space.

The exterior of the building is now a colorful beacon of the emerging neighborhood. The exterior is clad in metal panels and cor-ten steel rainscreens, tempered by accent colors and wood blends cohesively into its surroundings. In a nod to providing a respite in a bustling downtown area, care was taken to create permeable green space around the parking lot area on a previously 100% impermeable site. The installation of a rain garden has provided a landscaped oasis of trees and flowers with a way to naturally filter stormwater runoff.

The team at Wightman has created a stunning office space that promotes collaboration, creativity, and cohesiveness between departments and disciplines. The new building at 433 East Ransom is truly a showroom of the professionals' talents and the company's culture.



30 **allegretti architects**
lake street private residence_st. joseph, michigan



A vacation home overlooking Lake Michigan is envisioned by a couple with two teenage daughters and a live-in mother-in-law. They recently found their perfect site in St. Joseph consisting of a low sand dune plateau elevated six feet above the street with beach and alley access.

Presently, our firm is developing plans for their home on three levels above grade. The ground floor will consist of four bedrooms and four baths, entry, three-car garage, storage and mechanical room. The main level provides space for a partially covered entry, a circular stair serving the upper level master bedroom and a niche for the piano. The upper level master bedroom includes walk-in closets, master bath and sitting area/office space overlook the main level's kitchen, dining area, and living areas and providing a wide lake view through the two-story main level. Other areas on the main level include a wine room, butler's pantry, laundry, half bath, and media room.

The 65' x 33' lot is 8,645 square feet with 5' side yard, 30' rear and a 10' front yard. The property line screen wall coupled with their raised site elevation will enhance privacy from the adjacent public beach. The home's envelope includes minimal windows on the north and east elevations, a curved roof and on the lake view west side a covered porch, as well as a passive solar art wall on the south side. The main floor deck extends out like the prow of a ship over the lower level room for outdoor family and friends' gatherings. The arched wing roof is supported by glulam timbers, 12" SIPS panels and a metal roofing system. The owner wanted to convey a sense of permanence and security; accordingly, we wrapped the home in natural ledge stone. Efficiency was gained by an energy efficient geothermal heating and cooling system, as well as Icynene hard foam insulation, low-E glass, thermally broken aluminum frames, argon gas, and reflective solar thermopane. The floating roof will act like an umbrella, shading and reflecting solar glare, UV, and heat gain thereby reducing temperature extremes.



32 **allegretti architects**
stevensville private residence_stevensville, michigan



While searching for a home in Southwest Michigan our client was shown a home we had designed fifteen years ago. They then asked us about the home and mentioned that although they liked the home it was somewhat remote for their children and wanted to know if there were any homes that we had done closer to schools and towns. I mentioned that I knew of one site that was. We looked at the property and envisioned the home that would be designed to meet their needs. While we worked with the clients to craft their three bedroom "home" in the dunes with a gourmet kitchen, dining area, fireplace, living room, office, art room, two car garage and indoor driving range. We obtained the necessary permits to build in the dunes tight to an old sheet piling wall that was selected in order to contain and minimize the amount of sand to be displaced.

Now, in the budgetary bidding phase exterior and interior designs are being reviewed. Final mechanical engineering in process, as well as vetting materials and systems for their sustainability, anticipating excavation and foundation installation. Minimizing the homes footprint in order to provided better views of Lake Michigan and North Grande Mere Lake, also kept the home within the sheet piling footprint as well as offering the owners a home that would provide panoramic views of the surrounding wetlands, park land, and lakes. The foundations have been structurally tied into the 16' sheet pilings, simpson sturdy walls were used on the open main floor and heavy timbers used elsewhere. The stair is a floating square tied into the structural shear wall stair shaft.

Insulation values surpassed the state energy requirements and thermal conserving windows are called for.





Our office submitted a proposal for the restoration of a historic waterfall, the creation an interpretive trail, Pavilion and associated infrastructure for the Menominee Indian Tribe of Wisconsin. The existing site is tree-covered and has no formalized walking trails except for a viewing platform over waterfalls to the north.

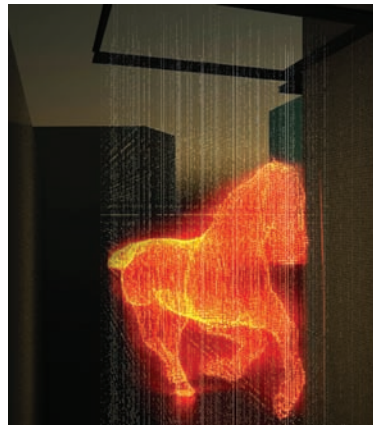
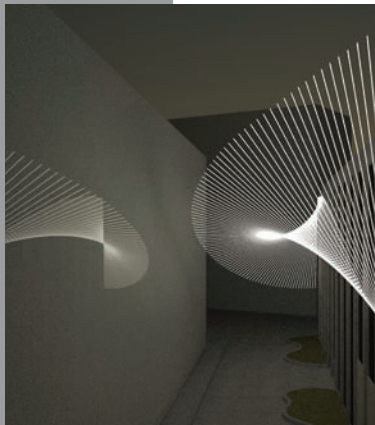
Sturgeon are historically important to the region - before the implementation of dams, the fish would travel 135 miles along the Wolf River to Lake Winnebago, where the largest population of adult lake sturgeon reside. For 100 years, sturgeon were absent from this site, but recent efforts by the Menominee are repopulating the river, allowing new sturgeon to spawn each year. The masterplan is designed to celebrate and support this renewal, while creating a place for local people and visitors to gather.

The design of the park is determined by cultural elements central to the local Menominee Tribe. This includes a mile's worth of walking trails, a pavilion for gathering, bathrooms, playground area, and organized parking. The walking trails around the park celebrate the tribe's relationship to the river and to the sturgeon, with iconographic light beacons representing the 34 Clans marking the path. The trails are circuitous, mimicking the twists and turns of the Wolf River and allowing for a more intimate experience with nature. The undulating form of the pavilion and surrounding landscape reference the backs of the sturgeon, who will be plentiful in these waters once again.





36 towerpinkster
alley activation_various, michigan



Discovery, wonder and curiosity will activate our city's alleyways as destinations. As construction modifies the built environment in Kalamazoo and Grand Rapids, we are motivated to explore how the spaces in between increase architectural value through experiential placemaking. Customization is realized through the utilization of digital infrastructure, offering local businesses and visitors' opportunities to actively participate in the design of our urban spaces. In addition, the investment adds value as spectacle, as dynamic content can be choreographed as an event.

Activation Grand Rapids

Van Andel Arena has played a vital role as an anchor of development for downtown Grand Rapids since its opening in 1996. To date, the space east between the arena and local business has been inactive and underutilized. Digital screens offer this alley the quality of a gallery in a constant state of modification for partnerships. In congruency to the dynamic content, lighting, landscaping and seating allow local business to expand their identity to the west as an outdoor experience. On the arena's north façade, LED mesh maintains transparency while providing identity, event promotion and information for the city's events, seamlessly integrating with the existing architecture. To achieve better event queuing and safety, snow melt pavers replaced the existing donor pavers which were repurposed as retaining walls for green land forms. Trees soften the hard urban condition by offering human scale and contrast.

Activation Kalamazoo

As new architecture is being built next to historic architecture in downtown Kalamazoo, the spaces between the new and the historic become vital contributors to the city's identity. This activation is defined between the existing historic Main Street East buildings and the soon to be constructed 180 Water Street project. Parametric lighting accentuates the 40' wide by 40' tall by 200' long space with programmable ambiance. Three dimensional suspended LED mesh orchestrates a sensory and participatory moment at the alley's end. The investment in digital infrastructure gives program flexibility from small scale interactive content, to large scale performance in union with lighting and sound, giving a new life to the alley as a tourist destination.

