

THE GATEWAY SCHOOL

Marvel Architects



ABOUT US

Marvel Architects is a solutions-driven design practice that integrates context and nature into every project, meeting each design challenge by listening to its surroundings. The result is a thoughtful design that inspires users to remember what was there before and to marvel at what it has become. With offices in New York and San Juan, Marvel is an international firm dedicated to creativity and diversity. From affordable housing and cultural institutions to high-end residential and hospitality, Marvel sees every project as an opportunity to create spaces of engagement.

Current projects include solar deployments in Puerto Rico, a new regional theater of national importance in Arkansas, and the redevelopment of the Brooklyn Navy Yard into a destination for technology and entrepreneurship.

For 20+ years, Marvel has successfully navigated the business of architecture and earned an award-winning reputation for designing at the intersection of public and private space. From the New Jersey Institute of Technology to St. Ann's Warehouse, the team has pioneered an entrepreneurial approach to architecture and place-making that has been recognized by over 125 industry design awards including the AIA's highest honors.

Marvel Architects

HENDERSON HOPKINS SCHOOL

The new Elmer A. Henderson, A Johns Hopkins Partnership School, and The Harry and Jeanette Weinberg Early Childhood Center, is the first new Baltimore public school building that has been constructed in nearly 30 years. A cornerstone for the largest redevelopment project in Baltimore and a catalyst in the revitalization of East Baltimore, the seven-acre campus next to John's Hopkins Hospital seats 540 students and 175 pre-school children.

An evolving and innovative curriculum was fundamental in informing the design process. The school's classrooms are designed to permit flexible reconfiguration according to changing student ages, needs, and activities. Classrooms are organized into clusters by age, surround common learning spaces, and open onto exterior learning terraces. The open plan layout and ample circulation encourage both planned and chance interactions. The school design is also inspired by a contextual interpretation of East Baltimore urban planning, the scale and character of its row homes, and its legacy of forming social civic spaces.

YEAR	2013
LOCATION	Baltimore, Maryland
AWARDS	AIA National Honor Award for Architecture, AIA-CAE Educational Facility Design Award of Excellence, Green Good Design Award from The European Centre and The Chicago Athenaeum, AIA NY Design Award, Honor Award in Architecture, AIA NY State, Award of Excellence, AIA NY State, Best of New York State Award, The Chicago Athenaeum, International Architecture Award, U.S. Green Building Council Maryland Chapter, Wintergreen Award, AIA Baltimore Design Excellence Award, Good Design=Good Business, AIA Baltimore Design Excellence Award, K-12 Design Award, AIA Maryland Excellence in Design Award, Public Building of the Year, AIA NY Chapter Design Honor Award, Architect Magazine, Annual Design Review, Honorable Mention, Chicago Athenaeum American Architecture Award, Council of Educational Facility Planners, Project of Distinction, The Architect's Newspaper, Building of the Year, Best of Design Award, World Architects American-Architects Building of the Year 2014, Editors' Choice





SAINT ANN'S SCHOOL

Saint Ann's School is a progressive, arts-oriented K-12 private school in the Brooklyn Heights neighborhood of Brooklyn. In its 50 years of service, investment in the school's renowned faculty and program has been prioritized over the physical environment. Faced with an expanding curriculum and a student population that has outgrown its collaborative study and performance spaces, the institution asked Marvel Architects to help them find programming and planning solutions for their campus.

Working with an academic scheduling consultant, the Marvel team designed a plan for phased expansion that addresses the need for right-sized learning spaces while creating communal spaces and other amenities desired by the school community. The main focus is on the 100-year-old Bosworth Building—historically founded as an athletic clubhouse and the symbolic heart of the campus— and on two nineteenth century townhouses. The 45,000 SF renovated on the lower floors of the 13-story Bosworth structure accommodates a new school commons, enlarged and streamlined lobby, flexible spaces and a dedicated music and dance facility. The 20,000 SF townhouse combination houses academic classrooms and a visual arts center for painting, drawing, printmaking and photography. An adjacent parish hall was also renovated to house additional classrooms and offices, as well as swing space required to phase the renovation projects.

Guiding the design process is the preservation of a pedagogy founded in and focused on the performing and visual arts and an extraordinarily broad and deep curriculum, unique amongst secondary schools. The project includes the infrastructure for a future phase of renovation.

YEAR	2018
LOCATION	Brooklyn, New York





Marvel Architects



NJIT CENTRAL KING BUILDING

At the juncture of the New Jersey Institute of Technology's campus in downtown Newark, New Jersey is the new Central King Building. Made up of two individual volumes- a former High School built in 1912 and an addition built in the 1970s- the facility now houses an Academic Center for its five colleges that serves as a catalyst for innovation while reconnecting it with the city and the campus.

Marvel was asked to restore and alter the 1912 building envelope, creating physical and visual links between the campus and the grand landmark. NJIT was conscious that the existing structure, like much of the campus, turned its back on Martin Luther King Boulevard and closed itself off from the city of Newark. The project creates a new connection to campus on one side and reestablishes a connection to the city on the other. A two-story grade change from campus to city creates an opportunity to activate the building's three lower levels, providing an engaging perimeter and multiple ways to move. It also maintains orientation and engagement across a sequence of spaces that stretch 400 ft across the building and three levels down. A sequence of open stairs is the central node connecting the 3 levels. The restored vaults of the building's original entry lobby give this space a special architectural identity consistent with its new importance as a programmatic attachment to the school's Innovation Lab.

The building was very well received by students who promptly petitioned the student government to keep it open 24 hours a day. The new facility has allowed NJIT to roll out new teaching techniques including allowing students to take exams and do classwork on their own. The school has also used the space to host conferences and events including Newark's bid for Amazon's HQ2.

YEAR	2017
LOCATION	Newark, New Jersey
AWARDS	AIA New Jersey Design Merit Award, NJ Business and Industry Association Good Neighbor Award

Marvel Architects



THE GATEWAY SCHOOL / 19 DEC 2018

Marvel Architects



SCHOOL / 19 DEC 2018



NEW LAB

Expressing the innovative nature of this green research and manufacturing center and preserving the structure of the grand historic hangar that houses it is the concept behind the design of the New Lab at the Brooklyn Navy Yard. Translucent office pods stand in this 82,000 sf building in dramatic contrast to the industrial armature left visible throughout. Communal meeting rooms and interior plazas on both floors emphasize the developer's intention to create a collaborative design and fabrication center. A second-story mezzanine is widened to accommodate additional rooms, connected by a steel-grate catwalk lit underneath to mark the length of the building. The central axis, preserved as a simple circulation spine, exposes building-through views, a recall of the building's original factory floor layout. Once a stunning cathedral of ship manufacture, buildings 128, 123 and 28 of Brooklyn's famed Navy Yard are being transformed into a high-tech design and prototyping center where designers, manufacturers, fabricators, and institutions will converge to form a hub for innovation and education.

YEAR	2016
LOCATION	Brooklyn, New York
AWARDS	AIANY Design Merit Award for Architecture, Building Brooklyn Awards National Grid Award for Energy Efficiency



marcyel Architects



SATEM ARCHITECTS / 19 DEC 2018



Marvel Architects

STEPHEN GAYNOR SCHOOL AND BALLET HISPÁNICO

The new tower of the Stephen Gaynor School houses a k-8 school for children with learning differences on its lower seven floors. The top three floors are home to the Ballet Hispánico. It is located in the Upper West Side of Manhattan.

The design addresses the unique needs of students who often have orientation and navigation challenges. Recapturing the intimate spirit of the school's former small brownstone site by dividing the program into upper and lower schools, the facility is stitched together with a generous atrium stair. The two schools intersect at a common core curriculum level featuring shared art, science, occupational therapy and library spaces. An outdoor classroom above a large library window also gives students a visual connection to the surrounding neighborhood.

Meanwhile, the Ballet Hispánico above the Gaynor School houses three large studios with locker rooms, new offices, and services for the company and school staff. The studios are floor-through spaces that allow optimal natural light and ventilation, and permit a broad range of choreographic possibilities. Each studio has panoramic views of the city to the north and south.

Materials were carefully selected to unify the site's different spaces both functionally and aesthetically. Exposed concrete is present throughout the structure. Truss transfer columns allow for a clear span in the gymnasium and its adjacent open stair. The façade is a prefabricated panel with thin brick, stacked vertically. The copper façade at the base changes color over time, reflecting the ever-present evolution of the activities going on inside.

YEAR	2006
LOCATION	Upper West Side, New York
AWARDS	AIA NY State Award of Merit, Boston Society of Architects, K-12 Educational Facilities Design Award, AIA NYC Architecture Merit Award







Marvel Architects

ACHIEVEMENT FIRST ENDEAVOR CHARTER SCHOOL

Achievement First's Endeavor Charter School is located on Waverly Avenue in the Clinton Hill neighborhood in Brooklyn. The adaptive re-use of a former ice cream factory takes advantage of generous column spacing to accommodate classrooms, and repurposes double-height manufacturing spaces to house a new music room and library for its 700 students in Kindergarten through 8th grade. A new stair tower connects the spaces of the academic block to upper and lower play-roofs, a gymnasium at grade, and a generous cafeteria at the Cellar level that receives natural light from a sky-lit areaway at the back of the site. In keeping with Achievement First's mission, school community and support is facilitated with generously sized corridors and a street-facing monumental stair that announces its presence to the surrounding community. Supergraphics and lighting are designed to emphasize messaging within the school and create a beacon within the neighborhood.

YEAR 2009
LOCATION Brooklyn, New York

Marvel Architects



THE GATEWAY SCHOOL / 19 DEC 2018

Marvel Architects



THE GARDEN SCHOOL / 19 DEC 2018

PRATT INSTITUTE SCHOOL OF ARCHITECTURE

The Pratt Institute School of Architecture at Higgins Hall is a historic landmark located in the school's Brooklyn Campus. The site was almost consumed by a four-alarm fire which destroyed the central wing, gutted the north wing to its masonry shell and laid bare the building's six previous constructions.

The renovated facility reveals the poetic within the ruin, creating a contemporary workplace for architecture and furthering the School's mission. Previously hidden arched openings, timber lintels, cast iron columns, curved masonry and 100-year-old scars were incorporated in the renovation. New openings in the old masonry's bearing walls create light filled studios while double-height spaces created by the fire have become spots for review with gallery balconies.

With the tectonics of the original structure and the new interventions clearly revealed, the building participates in the teaching of architecture. The new construction of the central wing creates an entryway and lobby for the school. With a series of ramps and stairs and open studios, it negotiates significant floor height differences between the two other wings.

Furthermore, a renovation and restoration of the Pratt Institute Library included new institute archives, a rare book room, a slide and media facility, and permanent art collection storage. The stacks and interiors were originally designed by Tiffany Glass and Decorations Company. The first phase provided Special Collections facilities for rare and delicate materials and improved building-wide HVAC performance. A series of glass partitions were installed to create climate separations between archival and human-occupancy areas.

YEAR	2005
LOCATION	Brooklyn, New York
AWARDS	Interiors Magazine Design Award, Educational, AIA NY State Award of Excellence, Brooklyn Chamber of Commerce Building Brooklyn Award, SCUP/AIA-CAE Honor Award for Excellence in Campus Architecture, NY Landmarks Conservancy Lucy G. Moses Preservation Award, AIA National Honor Award, AIA NY State Award of Excellence, AIA NYC Citation for Adaptive Re-use



