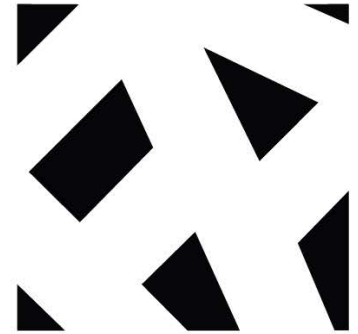


FoitAlbert

A S S O C I A T E S

Architecture. Engineering. Surveying. Environmental.



Higher Education

MBE | DBE
Certified

Buffalo

Albany

Manhattan

Queens

ABOUT US

JACOBS SCHOOL OF MEDICINE
AND BIOMEDICAL SCIENCES

FOIT-ALBERT ASSOCIATES IS AN AWARD-WINNING, NEW YORK STATE BASED, MULTI-DISCIPLINARY ARCHITECTURE, ENGINEERING, ENVIRONMENTAL & LAND SURVEYING CONSULTING FIRM

Since our inception in 1977, Foit-Albert has approached each new project with an open mind and sincere desire to create the best possible results for its customers. This client-centered approach focuses on the mission of the client, the vision and expectations of the project and the collaborative process which inspires creative concepts that often exceed expectations.

Foit-Albert Associates is a **Minority Business Enterprise (MBE)** certified by the New York State Department of Economic Development Division of Minority and Women's Business Development, Dormitory Authority State of New York, County of Erie and City of Buffalo, NYC Small Business Services, NYC School Construction Authority, Port Authority of New York and New Jersey, Pennsylvania Small Diverse Business, and a **Disadvantaged Business Enterprise (DBE)**.

Manhattan Queens Albany Buffalo

SERVICES

ARCHITECTURAL SERVICES

Architectural Design
Historic Preservation
Interior Design
Sustainable Design
Master Planning
LEED™ Design
Code Review
Building Envelope Analysis
Air Infiltration Analysis
Construction Administration
Construction Management
Feasibility Studies
Owner Representation
Architect of Record
NYC Landmarks Preservation
Commission Compliance
360 Photography

ENVIRONMENTAL SERVICES

Regulatory Compliance
NEPA and SEQR Compliance & Permitting
Biological and Natural Resources
Due Diligence & Real Estate Transactions

ENGINEERING SERVICES

Site/Civil Engineering
Bridge Design
Construction Inspection
Construction Management
Structural Engineering
Highway & Road Design
Stormwater Management
SWPPP Design & Inspections
Culvert Inspections
Canal Inspections
Responsible Project Management
Planning Board Review
Emergency Response

BUILDING SYSTEMS ENGINEERING

Building & fire code analysis
Fire suppression & detection
Special hazard fire suppression
Water supply evaluation
Smoke management
Egress analysis
Hazardous material storage & classification
Mechanical Engineering
Electrical Engineering
Plumbing Engineering
Refrigeration Engineering
Process Piping Engineering

SURVEYING SERVICES

ALTA/NSPS Surveys
Horizontal and Vertical Geodetic Control
Topographic Survey and Mapping
FEMA LOMA & LOMR-F Applications
Digital Terrain Modeling
Right of Way and Easement Surveys
Telecommunication Facility Survey
Drainage Plans
Lot Grading Plans
GPS Services
Volumetric Surveys
Gas Line Surveys
Forensic Surveys
Industrial Surveys
FAA 1A and 2C Certifications
GIS
High-Definition Laser Scanning



JACOBS SCHOOL OF MEDICINE AND BIOMEDICAL SCIENCES

State University Construction Fund



Foit-Albert Associates, as a subconsultant to HOK, provided architecture, engineering and surveying services on a State University Construction Fund project that built a new 620,000 sf School of Medicine and Biomedical Science at the State University of New York at Buffalo.

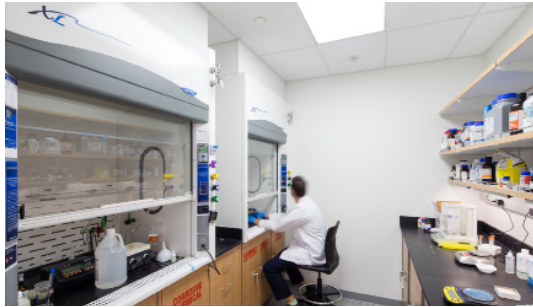
For the design and construction components of the project, Foit-Albert Associates' architectural services team prepared a condition report on the station, reviewed project-related planning documents in preparation for community outreach meetings, and conducted a zoning review and report. Architectural technicians prepared the 3D models as well. Foit-Albert's Project Managers participated in meetings with the NFTA and community entities. Foit-Albert staff worked closely with HOK preparing documentation and had two dedicated staff performing on-site construction administration.

Foit-Albert's civil engineering team compiled existing utility information, determined proposed flows and design loads for utility infrastructure, and determined whether sufficient capacity existed within the current sanitary sewer and water systems to support the needs of a new 500,000 sf building.

Foit-Albert Associates surveying team utilized 3D laser imaging technology to verify the exterior and interior construction of the Allen-Hospital Station building. This allowed for accurate building models and for the ability to compare current conditions to the record contract documents. Using 3D scan information, Foit-Albert staff constructed a 3D model of the existing subway station incorporated into the final design.

Sampling and testing of asbestos and hazardous materials were included in the scope of services provided by Foit-Albert Associates' environmental scientist. The removal of hazardous materials took place during the construction phase of work.

This project achieved a LEED Gold Rating.

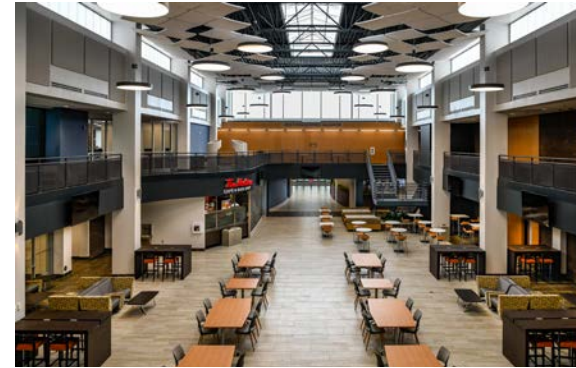


FOIT-ALBERT FOCUS

NIAGARA COUNTY COMMUNITY COLLEGE LEARNING COMMONS

Foit-Albert Associates provided architectural, engineering, environmental and surveying services for the new construction of a Campus Center Learning Commons. This 4-story, 88,000 SF building now houses a media center, information technology administrative offices, data center, student daycare facility, art gallery and instructional rooms. Highlights of the project:

- New construction of a Campus Center Learning Commons in an underutilized courtyard between Buildings D and E
- Substantial renovation the “D” Building, including the main level of the Henrietta Lewis Library
- Renovation of learning spaces and laboratories, offices, childcare and gallery
- Replacement of existing elevator/design for new elevator
- Design of limited food service spaces
- Replacement of aging building systems
- Renovation of classrooms to allow for interface with Learning Commons and the existing Humanities Department
- Introduction of a sprinkler system
- Repair of damage to the building exterior, which experienced significant delamination and damage from escalating water infiltration including paver deck roof replacement.



FOIT-ALBERT FOCUS

SUNY BINGHAMTON BARTLE LIBRARY RENOVATION

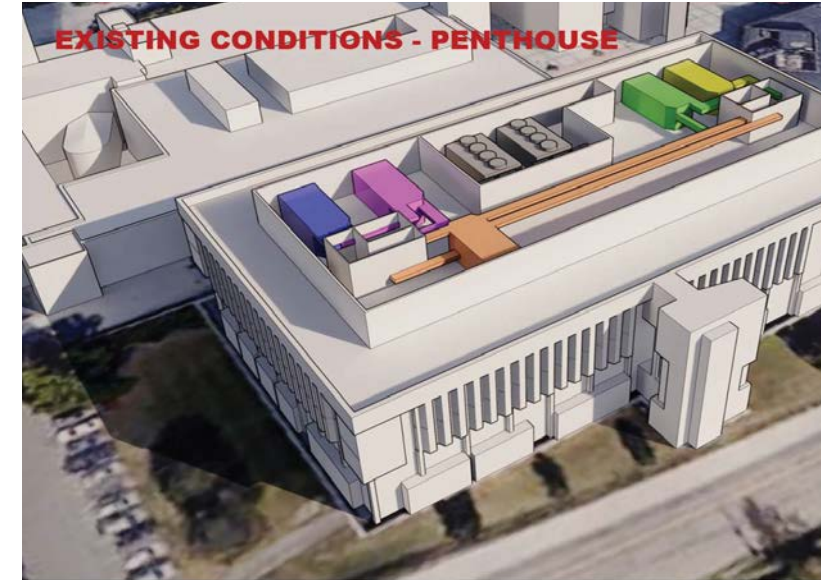
State University Construction Fund

Scope Foit-Albert Associates is currently providing architectural and engineering services for the renovations at the Bartle Library - South at SUNY Binghamton. The project provides major renovations to the third floor of the library with extensive asbestos abatement, replacement of the roof and a complete replacement to the HVAC system throughout the entire building,

The scope of Foit-Albert Associates services includes field verification, code review, architectural design, production of design manual, construction documents and bidding assistance and construction administration.

Project Details Since its construction in 1973, the 3rd floor of Bartle Library has not undergone any significant renovations. Inaccessible private study carrels robbed the interior of the vast stacks area of natural light, contemporary group study spaces were not provided, and support services and restrooms were insufficient and difficult to find. A complete replacement of the existing HVAC system was required, implemented in a phased approach to maintain occupancy of the massive student facility for SUNY Binghamton, considered the “Harvard of the SUNY system”. Integration of the new mechanical systems needed to intertwine with the existing systems until their phased removal, accomplished through a careful REVIT modelling of the entire unforgiving concrete structure and existing mechanical systems, led by Foit-Albert. From that Revit model, base floor plans were generated for the full design team to utilize for the design of the much-needed upgrades and renovations. Foit-Albert’s architects supported the library planning consultant through schematic design for the third-floor renovation and became AOR after this phase to produce the construction documents. They provided all phases of design services for the HVAC and roof replacement project. Foit-Albert provided bidding assistance and will administer the construction phase services for all project scope in accordance with all SUCF Guidelines and Directives.

Project Challenge The roof replacement was challenged by the requirements of implementing the NYS Energy Code. Increased insulation thicknesses would bring a requirement for major exterior envelope modifications, including raising all through wall flashings, window and door sills and perimeter copings and flashings, introducing significant expense and protracted construction periods. Foit-Albert identified that vacuum sealed insulation panels could provide the required R-values with significantly less thickness, eliminating the need for the costly collateral work. This provided a significant cost savings to the project and allowed the project to maintain the identified schedule.



FOIT-ALBERT FOCUS

SUNY AT BUFFALO INNOVATION LABS



CLINICAL & TRANSITIONAL RESEARCH CENTER

Foit-Albert Associates conducted programming, schematic design, design documentation, construction documents, and construction administration for a space in the Clinical and Translational Research Center at the Buffalo Niagara Medical Campus. A 5,000 square foot space within the building is being converted into lab space/office space for the UB Hunter Kelly Research Institute.

The scope of the services included Programming, Schematic Design, Design Manual, Construction Documentation, and Construction Administration

The Innovation Labs Project included 5,000 square feet of lab space located on the 6th floor of the CTRC. The building completed in 2012 will be repurposed to accommodate the growing Hunter Kelly Research Institute.

The renovation project consists of Open Lab, Lab Support, Microscope Rooms, Freezer Storage, Office, Break Room, and Collaboration Spaces.

BIOMEDICAL RESEARCH BUILDING

Foit-Albert Associates conducted programming, schematic design, design documentation, construction documents, and construction administration for a space in the Biomedical Research Building at UB South Campus. A 4,500 square foot space within the building is being converted into lab space/office space for School of Pharmacy.

The scope of the services included Programming, Schematic Design, Design Manual, Construction Documentation, and Construction Administration

The Innovation Labs Project included 4,500 square feet of lab space located on the 1st floor of the BRB. The building completed in 1995 will be repurposed to accommodate the ever-changing needs of the groups working with infectious disease research.

The renovation project consists of Open Lab, Lab Support, Freezer Storage, Office, Break Room, and Collaboration Spaces.



JACOBS SCHOOL OF MEDICINE

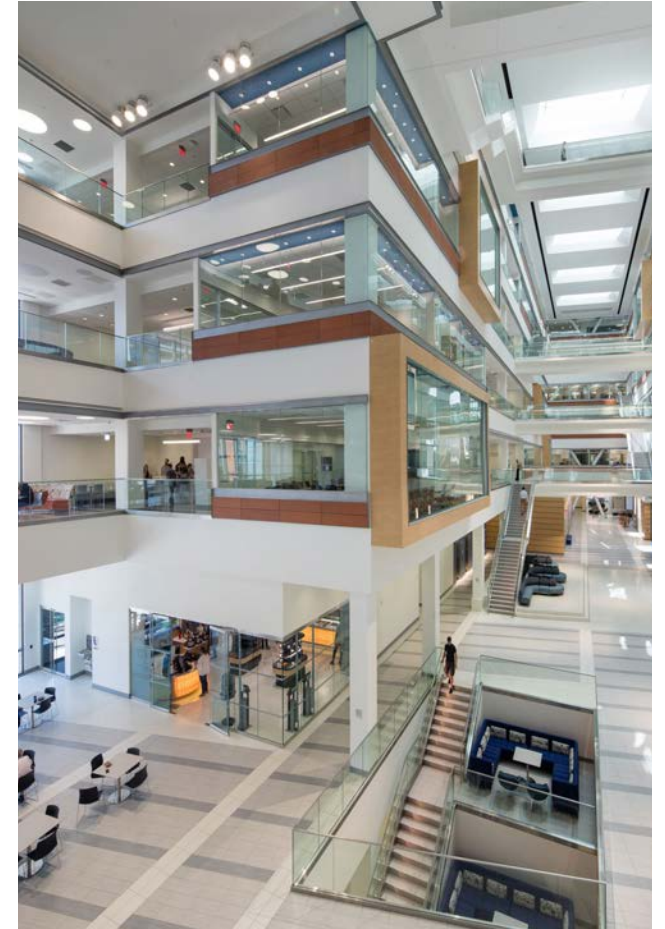
Foit-Albert Associates conducted programming, schematic design, design documentation, construction documents, and construction administration for a space in the recently completed Jacobs School of Medicine. A 5,000 square foot space within the new building was shelled during the initial Medical School project. The Innovation Lab project allows for the School of Medicine to complete the mission of co-locating researchers with similar focuses in the new downtown medical campus.

The scope of the services included Programming, Schematic Design, Design Manual, Construction Documentation, and Construction Administration

The Innovation Labs Project included 5,000 square feet of lab space located on the 5th floor of the recently completed Jacobs School of Medicine. The Developmental Genomics Group is currently located in another building on the Buffalo Niagara Medical Campus, but works closely with the researchers at the new Medical School. Moving the researchers to 5th floor space at the Medical School will allow for cross-departmental synergies and align with UB goals for the new downtown campus.

The renovation project merged the existing lab fit-out with the new lab spaces. The goal of this project was to create an efficient work environment while maintaining the existing building design.

This area is located off the main atrium and consists of Open Lab, Tissue Culture, Fume Hood, Environmental Room, Lab Support, and Linear Equipment spaces.



SUNY BUFFALO FIRE SYSTEM UPGRADES

Foit-Albert is currently working as a subconsultant providing architectural and management services in preparation for fire-alarm and associated engineering work. As the local project manager, Foit-Albert is providing architectural design services throughout all phases of the work and handling issues that arise during construction.

Scope of work included an initial survey verifying existing systems and finishes, documenting existing room and ceiling layouts, locating preliminary fire alarm devices and providing detailed drawing and specifications for the fire alarm upgrades in 13 buildings across the SUNY Buffalo North Campus.

As a result of the initial reports, additional scope of work is now in construction which includes new ceiling design with specialty lighting for Alumni Arena and The Center for Performing Arts.

For Phase III, Foit-Albert was tasked with in-field verification of all existing ceiling conditions throughout Cooke, Hochstetter, and Dorsheimer Halls to facilitate a complete fire alarm system upgrade throughout all three connected buildings. This comprised a work area of approximately 800 spaces over 300,000 square feet, necessitating expedient but highly accurate existing conditions documentation. Foit-Albert was then asked to provide reflected ceiling plan drawings to the prime consultant for all areas of the buildings. Some construction phase administration and in-field observation tasks were also performed for this project.

Additional services are currently being performed at Abbott, Foster and the Biomedical Education Halls on the South campus which was not a part of the original scope.



SUNY GENESEO MERRITT POOL

SUNY Geneseo has experienced leaking and areas of concrete damage at the pool and an adjacent tunnel which have resulted in the emptying of the pool for safety reasons.

Foit-Albert Associates worked with SUNY Geneseo to address a structural deficiency in the existing Merritt Pool that had rendered the pool unusable to their active competitive swimming program and student services. Concurrently, the University was undertaking a pool equipment upgrade that potentially required access to an unused view corridor under the pool deck that was the subject of some of the structural issues. Foit-Albert included ME Engineering on the structural repairs, and Foit-Albert joined on ME Engineering's team for the pool equipment project to best coordinate the construction between the two complex projects.

Structural issues can arise when pools meant to be filled are left drained of pool water loading for extended

periods of time. Rebounding of the pool vessel can occur resulting in shell damage and leaking. Assessment of the pool vessel was required to identify required repairs due to this condition.

The pool mechanical equipment was ultimately sited in an unused squash court over existing equipment space. Though conveniently located, the squash court lacked the available loading capacity for water filled pool equipment. A new intermediate floor level was added to the squash court to accommodate additional equipment and exiting.

Structural repairs were completed and the pool was returned to active use. Phasing of the mechanical equipment replacement was then carefully designed and coordinated so that work could occur during breaks, continually returning the pool to active use for competitive swim and practices.



FOIT-ALBERT FOCUS

SUNY OSWEGO ROAD, SITE & PEDESTRIAN IMPROVEMENTS

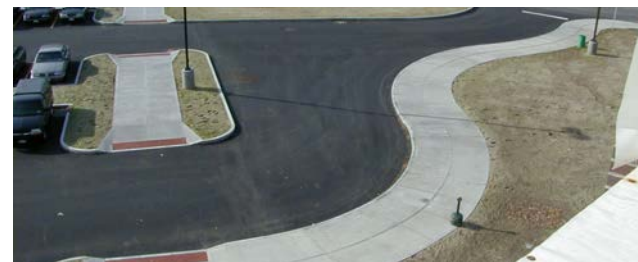
This project involved the survey, design, and rehabilitation of Sweet Road, the main entrance into the campus, Iroquois Trail, West End Avenue, and Hewett Union Road, all of which are located on the SUNY Oswego campus. Key elements of the design included analyzing the existing conditions, designing an adequate asphalt pavement section, and designing the drainage system. Foit-Albert also provided the college with a complete set of contract documents and provided construction administration.

Based on our analysis of soil conditions, traffic, environmental factors, desired life expectancy, and the campus's budget, we reconstructed and rehabilitated of Iroquois Trail, West End Avenue, and Hewitt Union Road. Additionally, we improved the turning radius at the intersection to accommodate the buses that routinely use the campus's roadways.

A second project involved engineering design and construction management support services for the repair and replacement of vehicle and pedestrian surfaces on the SUNY Oswego campus.

This multi-phased project consisted of the reconstruction of 1300' of Mollison Street, 1800' of Barnes Drive and 500' of Laker Road on the SUNY Oswego Campus. Two parking lots were also surveyed. Survey crews established horizontal and vertical control utilizing Rapid Static GPS procedures. In 2013, Foit- Albert established the Right of Way of NYS Route 104 in the vicinity of the project to support the placement of new signage.

The new road design conflicted with the existing sidewalk, so it was necessary to include the realignment of the sidewalk into the design. The project provides a better surface, ADA accessibility, improved drainage and connectability around the campus.



FOIT-ALBERT FOCUS

HILBERT COLLEGE - TRINITY RESIDENCE HALL

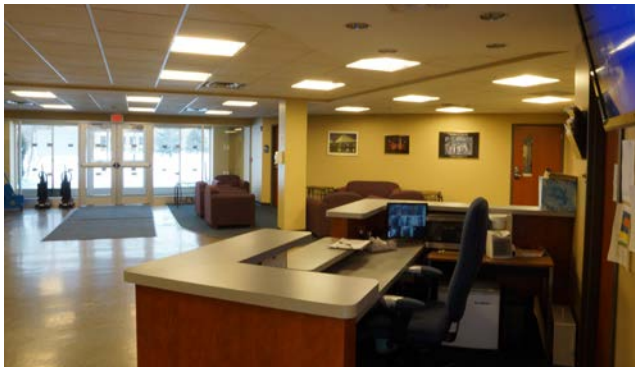
Foit-Albert Associates provided architectural and engineering services to Hilbert College for the construction of a new 3-story, 155 bed residence hall. The 68,000sf building will provide additional housing and further develop the residential section of the campus.

The building features a variety of residential units, ample lounge areas, as well as a recreational room, game room, computer lounge, conference space, laundry rooms on each floor, and a mail room. The building also offers a full apartment for the Residence Director, as well as a guest room for visiting lecturers and dignitaries to the College.

This building, a steel and wood frame structure, predominately exhibits a masonry façade with a prominent curtain wall highlighting the front entrance. Two mirrored wings are conveniently connected by a centralized core.

Room configurations include 14 suite style units to house 84 students, 16 double units to house 64 students, and six single units to house Residential Assistants.

The Foit-Albert design team implemented a geothermal heating system as an energy-efficient heating and cooling system for the building.



FOIT-ALBERT

MERCY COLLEGE ENVIRONMENTAL INSPECTIONS AND PAVEMENT ASSESSMENTS

FOCUS

Foit-Albert conducted an internal environmental inspection to evaluate the College facilities for regulatory compliance. From these inspections, Foit-Albert provided assessments and recommendations at each of the facility locations to assure environmental compliance with the most current laws and regulations.

Foit-Albert also provided engineering services for the evaluation of paved parking lots, roadways and walkways throughout the 67± acre campus. Foit-Albert assessed different replacement strategies and scenarios. Cost estimates were generated to assist Mercy College with Capital Planning for paved facilities.

An extensive study was performed using accepted ASTM testing methods for pavement surveys. Each pavement was inventoried and evaluated using the widely accepted Pavement

Condition Indexing (PCI) system. Foit-Albert furthered the study by incorporating subsurface conditions, pavement section / thicknesses, pavement ages and historical data into the evaluation for an in depth understanding of conditions.



FOIT-ALBERT

SIENA COLLEGE PERIMETER ROAD DESIGN

FOCUS

This project involved the design of a new perimeter road along the eastern side of the Siena College Campus beginning at Spring Street and continuing northerly past the athletic complexes to Malloy Circle. This project constructed two 12 foot wide travel lanes for vehicle traffic to provide a necessary connector between the northern and southern ends of the campus and alleviate traffic congestions on NYS Route 9 and Spring Street. The total length of this project is approximately 2500 feet.

This project also incorporated the design of a multi-use pedestrian path and brought all pedestrian facilities within the project area up to conformance with ADA accessibility guidelines.

Foit-Albert performed preliminary and final design services (Phases I-VI) and provided construction inspection for this federally-funded pass-through project.

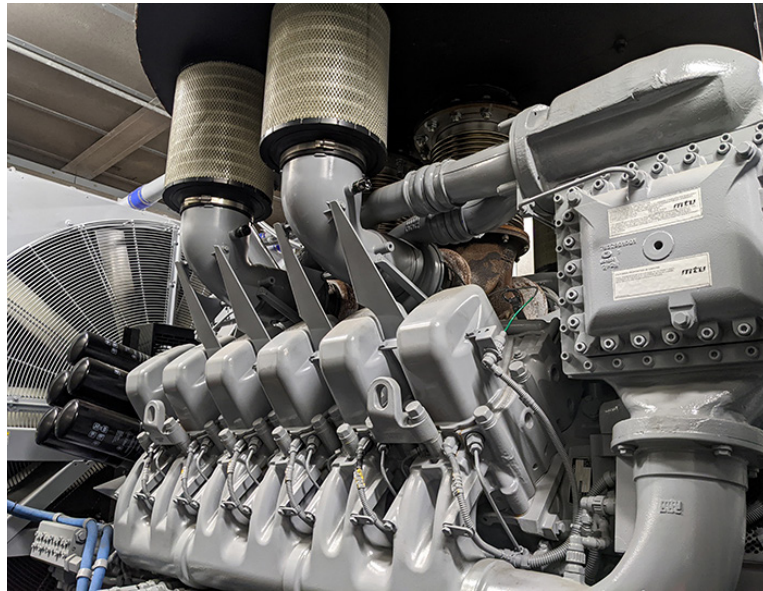


FOIT-ALBERT FOCUS

CUNY BARUCH COMMISSIONING SUPPORT

Foit-Albert Associates, as a subconsultant, is currently providing mechanical, electrical, and plumbing services to Baruch College in New York, New York.

The scope of work is to support commissioning efforts associated with the emergency generator, fire pump, and indoor air quality monitoring.



FOIT-ALBERT FOCUS

SUNY ALBANY CONSTRUCTION ADMINISTRATION, OBSERVATION SERVICES

[Mohawk Tower Residence Hall](#)

Foit-Albert provided construction observation services for the renovation of the Mohawk Tower Residence Hall. The up-grades and replacements to this almost 100,000 SF residential building included interior and exterior rehabilitations including windows and doors, improved lighting, plumbing and ventilation, new finishes and furniture, new office space and entry way, improved handicap accessibility, and repairs to the exterior precast concrete.

The construction observation portion included providing regular on-site observation of the construction activities and attendance at the construction progress meetings. The results of which are document in reports and then transmitted to the design team.

[Athletic Stadium & Fields](#)

Foit-Albert provided design and construction observation services as a sub-consultant. The overall project included the construction of a sports stadium and football field as well as other adjacent athletic fields.

The design portion of Foit-Albert's role was to provide the design for the signage and graphics package for the facility. All signage was coordinated with the campus standards. This included the interior signage, room names, sectional way-finding signage, emergency response, egress and informational signage.

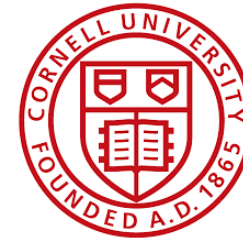
The exterior signage included aluminum stadium signage of various scales, coordination of the structural connections and specifications for all signage. The construction observation portion included providing regular onsite observation of the construction activities and attendance at the construction progress meetings, the results of which were documented in reports.

[Life Sciences Building](#)

Foit-Albert provided construction observation services for the construction of a Life Sciences Building. The scope of services includes regular on-site observation of the construction activities and attendance at the construction progress meetings.

FOIT-ALBERT FOCUS

CORNELL UNIVERSITY CODE REVIEW



Foit-Albert Associates was contracted to perform a code evaluation for The John T. Oxley Equestrian Center at Cornell University to determine necessary work, if any, to achieve compliance. A comparative analysis was undertaken between the NYS Code of the day (The 1987 "NYS Green Book") vs. the contemporary code in effect. During the review period, the NYS Code was further updated, necessitating comparative reviews between the 1987, 2015 and 2020 NYS Code versions. Comparative work scopes, cost estimates and compliance alternatives were developed for Campus negotiation with the Town of Ithaca Building Department.

FOIT-ALBERT FOCUS

MERCY COLLEGE PEDESTRIAN WALKWAY & BRIDGE EVALUATION AND DESIGN



Foit-Albert Associates was contracted to perform a code evaluation for The John T. Oxley Equestrian Center at Cornell University to determine necessary work, if any, to achieve compliance. A comparative analysis was undertaken between the NYS Code of the day (The 1987 "NYS Green Book") vs. the contemporary code in effect. During the review period, the NYS Code was further updated, necessitating comparative reviews between the 1987, 2015 and 2020 NYS Code versions. Comparative work scopes, cost estimates and compliance alternatives were developed for Campus negotiation with the Town of Ithaca Building Department.

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