



STATEMENT OF QUALIFICATIONS

State College Area School District
Architect for Routine Projects



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Primary Contact

Anna Childe, RA
Principal
(814) 206-0981
achilde@wmf-inc.com



April 23, 2021



State College Area School District
Attn: Ed Poprik, Director of Physical Plant
240 Villa Crest Drive
State College, PA 16801

RE: Architect for Routine Projects

Dear Ed:

Thank you for the opportunity to submit a qualifications package for the Architect for Routine Projects for State College Area School District (SCASD). I understand that the position is an annual appointment what can be extended at the discretion of the Board of School Directors. This appointment would extend from June 30, 2021 to July 1, 2022.

Weber Murphy Fox (WMF) has been proud to partner with SCASD for the last 5 years to enhance our community with the renovations at Memorial Field. We believe that this project is a great achievement for the district and at the same time has allowed WMF to prove that we are a reliable and trustworthy partner for you to continue the relationship we have built.

WMF has worked with many K-12 clients in PA and as such we are used to working with aging district buildings as well as school facilities staff and school boards. Locally we have worked with many clients on smaller scale projects similar to some that you may need to address for the district over the next few years including roofing replacements, HVAC alterations and upgrades, ADA alterations and studies for future projects.

I have chosen 2 local engineering firms that WMF partners with frequently to join our team:

Barton Engineering for MPE Engineering: WMF and Barton are currently working on 2 PSU renovations and recently completed a new football locker room for Shippensburg University.

Providence Engineering for Structural Engineering: WMF and Providence have worked together on many local small-scale renovation projects including several where structural modifications were required for retrofitting a building for upgrades.

Both of these firms are exceptionally responsive and client driven firms who I can trust to put SCASD's priorities first and who will help round out the excellent service that WMF will show to your projects.

WMF has in house landscape architects so would plan to lead any site related project that may be required. If there was need for civil scope outside our capabilities WMF would propose to partner with Penn Terra Engineering, our consultant for Memorial Field.

I believe that our team will be a great partner to SCASD in the routine projects that you will undertake in the coming years and look forward to discussing this more with you. Thank you again for the opportunity to submit our qualifications.

Kind Regards,

A handwritten signature in black ink, appearing to read "Anna Childe", written in a cursive style.

Anna Childe, RA
Weber Murphy Fox, Principal

WMF

WEBER MURPHY FOX

Weber Murphy Fox, founded in 1967, is a professional services firm incorporated in the Commonwealth of Pennsylvania. The firm has 7 Principals, each with a significant ownership stake in the corporation, and is licensed to practice in Ohio, Pennsylvania, New York, North Carolina and South Carolina.

OFFICE LOCATIONS

CLEVELAND

1801 E 9th Street, Suite 1500
Cleveland, OH 44114

ERIE

3230 West Lake Road
Erie, PA 16505

STATE COLLEGE

403 South Allen Street, Suite 115
State College, PA 16801

STAFFING RESOURCES

Architects (12 licensed)
Architectural Designers
Interior Designers (2 licensed)

Landscape Architects (2 licensed)
CAD/BIM Technicians
Construction Managers

Construction Administrators
Construction Site Superintendents
Administrative

K-12 EXPERIENCE

WMF has provided Architectural Design and Construction Management Services to K-12 Schools for over 50 years. Our core competencies include Planning, Programming, Architecture, Interior Design, Landscape Architecture and Construction Management. WMF has successfully delivered Architectural Services or is currently engaged in projects at the following School Districts:

Albert T. Gallatin School District
Altoona Area School District
Bald Eagle Area School District
Bethel Park School District
Crawford Central School District
Erie County Technical School
Erie Day School
Ft. LeBoeuf School District
Franklin Regional School District

Girard School District
Harbor Creek School District
Hawken Schools
Mercyhurst Preparatory School
Millcreek Township School District
Montessori Schools of Erie
North East School District
Oil City School District
Oswayo Valley School District

Penn-Mont Academy
Peters Township School District
Saint George Parish
Saint Gregory Parish
Saint Titus Parish
South Fayette Twp School District
State College Area School District
Titusville Area School District
Warren County School District

TECHNOLOGY, SOFTWARE AND EQUIPMENT

- **Autodesk Revit** - BIM authoring
- **Autodesk Navisworks** - Clash management, phasing and budgeting
- **Autodesk Revit Server** - Model management and sharing
- **Autodesk BIM 360** - Model management and collaboration in the Cloud
- **Eaglepoint LandCADD/Siteworks** - Site/civil/landscape content authoring, visualization, preliminary energy modeling
- **Newforma Project Center** - Project collaboration, information management and tracking
- **Microsoft Project** - Task, Resource and CPM scheduling

MATTERPORT 3D SCANNING

WMF begins many renovation projects with a Matterport 3D scan of existing building characteristics and translates them into HD panoramic imagery with full depth and dimensional accuracy. When imported into our AutoCAD REVIT (BIM) software an accurate base model can be easily shared with the project team for a quick and efficient project start-up. The design process is streamlined by allowing for more efficient collaboration, model production, design documentation and rapid development of floor plans. This reduces time and costs associated with in-field verification of existing dimensions and components.



WHY BARTON

53 Years' Experience
125+ K-12 Clients
1000+ K-12 Projects

ABOUT US

Barton Education—a division of Barton Associates—has provided quality engineering solutions to more than 125 K-12 school districts and completed more than 1,000 projects. Barton approaches each project holistically and systematically to strike the right balance between performance, sustainability, energy efficiency and cost. We engage project stakeholders to gain valuable insights, review existing system documentation then conduct extensive field survey to develop and document an accurate representation of the systems for the district. We have standardized survey procedures and forms to utilize lessons learned as well as expedite the survey process. We then take this information and leverage our extensive experience serving K-12 clients to benchmark and bring industry best practices to provide a complete evaluation of existing conditions and potential from which all future planning will be based. We apply focus, dedication, practicality, precision and longevity to each project we deliver and live by these principles to help us achieve our mission—**We Make Buildings Work.**

Barton Associates, an employee-owned company, provides quality engineering solutions for clients throughout the Mid-Atlantic Region with office locations in York, State College and Pittsburgh, PA. Our team of registered professional engineers, designers, technicians and support staff do more than just design MEP and architectural lighting systems. We offer a holistic approach to any new construction, addition or renovation project ranging from energy studies and facility master planning to systems design and sustainability. Barton considers ways to minimize energy consumption, conserve resources and enhance indoor environmental quality for every project we complete. Energy Conservation is a priority in every design and our staff of professionals are trained, licensed and/or certified to design MEP systems and evaluate the performance of these systems. We also utilize building information modeling for greater team collaboration.

PERSONNEL

68 Total
30 Registered Engineers
20 Designers
7 CADD/BIM Technicians
3 Construction Services
8 Administrative

Whether we are serving as the prime professional or as a sub consultant to an architectural, engineering, contracting, construction management or other professional firm, Barton provides an extensive list of services within various MEP-related disciplines:

SERVICES

- Feasibility Studies, Facility Assessments & Master Planning
- Energy Modeling, Life Cycle Costs & Payback Analysis
- Construction Cost Estimating
- Construction Drawings & Specifications Preparation
- Construction Contract Administration
- Peer Review Services
- Trouble-shooting existing Systems and Components

MECHANICAL SYSTEM DESIGN

- Heating, Ventilation & Air Conditioning
- Plumbing
- Fire Protection
- Central Energy/Utility Plants
- Building Automation Systems

ELECTRICAL SYSTEM DESIGN

- Lighting
- Power Generation & Distribution
- Information Technology
- Fire Alarm & Security

ARCHITECTURAL LIGHTING DESIGN

ADDED VALUE SERVICES

- Building Information Modeling (BIM)
- Sustainable Design
- Energy Analysis & Audits



Barton provided MEP design services for three elementary schools for the State College Area School District.



CAMPUS FACILITY MANAGEMENT

Providence Engineering provides reliable solutions that are constructible, affordable and timely.



CAMPUS FACILITY MANAGEMENT

The staff at Providence Engineering has years of experience working with campus facility maintenance departments. We understand that when repairs or remediation activities impact a structural system, no matter how minor, it's important to have the assessment and design conducted by a professional.

Our engineers can review site conditions and provide valuable feedback regarding the condition of the structure and point out red-flag issues. We can provide structural due-diligence reports as well as design for any routine maintenance items, including ADA compliance, support of new rooftop equipment, and repairs of concrete, masonry or corroded steel-framing.

We have experience evaluating existing framing for load rating determination to address proposed change of use or suspected deficiencies in load capacity. In addition, we can review temporary knock-out openings or new openings for equipment installations, elevator shafts or other large opening requirements.

Whatever the details may be, Providence can assist with your next on-campus project.

SERVICES PROVIDED

- Due Diligence Studies of Existing Facilities
- Preventive Maintenance Reviews
- Determination of Existing Roof, Attic and/or Floor Capacity to Support New HVAC Equipment
- ADA Compliance
- Stair and Handrail Remediation
- Elevator Shaft Modifications
- Stadium Bleacher Review and Remediation
- Concrete Repair and Restoration Design
- Masonry Wall Repair and Restoration Design
- Structural Engineering Design for New Buildings, Additions, Renovations
- Design Associated with Construction Swing Space
- Construction Compliance for Ongoing Projects
- Mezzanine Design and Load Rating
- Floor Live-Load Rating
- Design for Speaker Mounts, Retaining Walls and Acoustic Cloud Support
- BIM Based Facility Management Support

See more work at proveng.com



WMF
WEBER MURPHY FOX

ANNA CHILDE, RA PRIMARY CONTACT
PROJECT MANAGER

Ms. Childe is a Principal with WMF. Prior to joining Weber Murphy Fox, she practiced with architecture firms in State College, Philadelphia, Canada and Japan. Anna has dedicated the past 15 years of her career to working primarily on College and University projects. She has taught in the Department of Architecture at Penn State, as well as being an invited design studio jury critic at several universities in Canada and the United States.

SELECT PROJECT EXPERIENCE

Altoona Area School District | Altoona, PA

Irving/Penn Lincoln/Ebner Elementary Roof Replacements

State College Area School District | State College, PA

Memorial Field Improvements

Administration Building Assessment

Penn State Altoona | Altoona, PA

Adler Athletic Complex Renovations and Expansion

Smith Building Renovation

Slep Student Union Renovations and Study

Hawthorne Classroom Renovations

Cypress Child Care Center

Penn State University | University Park, PA

West Halls Various Projects

Nittany Apartments Renovations Phases 1-6

Bald Eagle Area School District | Wingate, PA

New Stadium Press Box

Discovery Space | State College, PA

The Rivet at Discovery Space



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ANTHONY J. GRACE

CONSTRUCTION ADMINISTRATOR

Tony Grace has more than forty-three years of experience in industrial, commercial, residential construction, including more than thirty years as General Manager, Project Manager, and Estimator. His experience includes total managerial authority for multi-million dollar construction projects, as well as management of multiple projects simultaneously. Mr. Grace has an outstanding record of completing projects on-time and within budget.

SELECT PROJECT EXPERIENCE

Altoona Area School District | Altoona, PA

Irving/Penn Lincoln/Ebner Elementary Roof Replacements

State College Area School District | State College, PA

Memorial Field Improvements

Administration Building Assessment

Penn State Altoona | Altoona, PA

Adler Athletic Complex Renovations and Expansion

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THEODORE THWING, ASLA, LEED GREEN ASSOCIATE
LANDSCAPE ARCHITECT

Theo has been with WMF since 2012, and has since received his Professional Landscape Architect (PLA) license and completed certifications as LEED Green Associate and SITE AP. At WMF, Theo has actively pursued sustainability focused jobs - PSU Urban Forestry Tree Details, Penn State Permaculture Learning Center Wind Circle Garden, and Re-farm Café. He is interested in working on more sustainable land development projects at WMF.

SELECT PROJECT EXPERIENCE

State College Area School District | State College, PA
Memorial Field

Bellefonte Borough | Bellefonte, PA

Governors Park Restroom

Talleyrand Park Expansion

Streetscape Projects

RE Farm Cafe @ Windswept Farm | State College, PA

Landscape Architecture

All-Nations Bible Translation | State College, PA

Land Development

Penn State University | University Park, PA

Irvin Hall Steps

Nittany Apartments

Centre County Government | Bellefonte, PA

Centre County Courthouse

HFL Corporation | State College, PA

Patton Crossing

Mansfield University | Mansfield, PA

Building Demolition



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CHARLIE YAZEMBIAK, AIA, NCARB
PROJECT ARCHITECT

Mr. Yazembiak joined the firm in May 2001. He was named Principal in early 2013. Today he leads our Construction Management Practice. Mr. Yazembiak He participates in the design, product research, production, technical development, and coordination for many of the firm's projects. His extensive computer drafting skills have produced high quality construction documents, project presentation drawings, and three-dimensional project renderings.

SELECT PROJECT EXPERIENCE

State College Area School District | State College, PA
Memorial Field Improvements

Administration Building Assessment

Altoona Area School District | Altoona, PA

Irving Elementary Roof Replacements

Peters Township School District | McMurray, PA

New High School & Athletics

Bethel Park School District | Bethel Park, PA

New High School & Athletics

Montessori Regional Charter School | Erie, PA

Renovations and Site Improvements

Girard School District | Girard, PA

Bus & Maintenance Garage

Classroom & Lab Renovations

Community Health Center

New District Administration Offices

Rice Avenue Middle School Addition & Renovations



ROGER THIES, PE, LEED AP

MEP ENGINEERING LEAD

With more than 26 years of experience in project development, design and execution, Roger has extensive project experience in implementing large multi-faceted design projects and has completed over 450 design and construction projects for the Pennsylvania State University. As Project Manager/Principal-in-Charge, Roger will lead project team meetings and will coordinate schedules and deliverables with the owner and members of the design team to maintain project schedules, deliverables, and budgets.

SELECT PROJECT EXPERIENCE

State College Area School District | State College, PA

Ferguson Township Elementary
Grays Wood Elementary School Addition
Mount Nittany Elementary School

College Township | State College, PA

Municipal Building HVAC Renovation

Ferguson Township | State College, PA

LEED Gold Public Works Garage

Governor Mifflin School District | Shillington, PA

Brecknock Elementary School HVAC Replacement

Juniata County School District | Mifflintown, PA

Juniata High School ESCO HVAC Replacement

Northeastern School District | Manchester, PA

Orendorf Elementary Renovations
Shallow Brook Intermediate School
Stadium Press Box Addition

Penn State University | University Park, PA

Pattee Library Knowledge Commons Phases 7-9
Reber Building E-Knowledge Commons

York City School District | York, PA



JAMES M. CALIFORNIA, PE

STRUCTURAL ENGINEERING LEAD

Jim has more than 35 years of experience managing multi-discipline building projects from conceptual planning through construction completion. His experience includes the design and management of a multitude of campus facility projects as well as various educational, commercial, industrial, municipal and government projects. As the Director of Providence Engineering's State College office, Jim provides technical leadership, as well as group and project management, for our clients throughout Centre County region.

SELECT PROJECT EXPERIENCE

Tussey Mountain Elementary School | Saxton, PA

Structural Evaluation Using Drone

Bald Eagle Area High School | Centre County, PA

New Stadium Press Box
Floor Joist Load Capacity Check

New Story School | Lemont, PA

New Story School Renovations

Bellefonte Area Middle School | Bellefonte, PA

Chiller Foundation

Young Scholars of Central Pennsylvania Charter School | State College, PA

Greater Johnstown Career & Technology Center | Johnstown, PA

The Pennsylvania State University | University Park, PA

Willard Building Retaining Wall & Screen Wall

PENN LINCOLN & EBNER ROOFING

ALTOONA AREA SCHOOL DISTRICT Altoona, Pennsylvania

Penn Lincoln

Completed: 2019
Size: 45,000 SF
Construction Cost: \$418,000
Design Fee: \$19,700
Change Orders:
Negative 10% change order
credit for \$43,283 (insulation)

Ebner

Completed: 2020
Size: 24,700 SF
Construction Cost: \$150,790
Design Fee: \$19,000
Change Orders: 0%

Services Provided:
Architecture

Contact: Doug Endler
(814) 946-8263

Over the last five years, WMF has partnered with AASD to replace four roofs and has a project planned for Summer of 2021 at Ebner Elementary for facade maintenance including replacement of caulking and addressing an existing flashing issue.

PENN LINCOLN ELEMENTARY: This project involved replacing an existing EPDM Membrane roof on the Altoona Area School District, Penn Lincoln Elementary School Building. The 45,000 SF, 23 year-old roof sustained wind damage in the Winter of 2018 making it necessary for the District to replace the entire roof in the Summer of 2019.

The new roof system consists of a 75 gauge reinforced EPDM membrane, new tapered insulation brought up to current code standards, all necessary roof drains, expansion joints, trims and copings.

EBNER ELEMENTARY: This project involved removal of an existing 24,700 SF roof and substrate due to widespread cracking and leaking. Along with a new EPDM Membrane roof, additional insulation was also added to bring the building into compliance with the current energy code requirements.

WMF Team Members: Anna Childe, Anthony Grace, Theo Thwing



THE RIVET AT DISCOVERY SPACE

DISCOVERY SPACE

State College, Pennsylvania

Completed in 2020

Size: 3,000 SF

Construction Cost: This project was realized through a series of purchase orders and donated services.

Design Fee: WMF donated professional services.

Services Provided:

Programming, Fundraising Assistance, Space Planning, Fit Planning, Site Acquisition, Budget Development, Cost Estimating, Architecture, Concept Development, Interior Design, Building Assessment

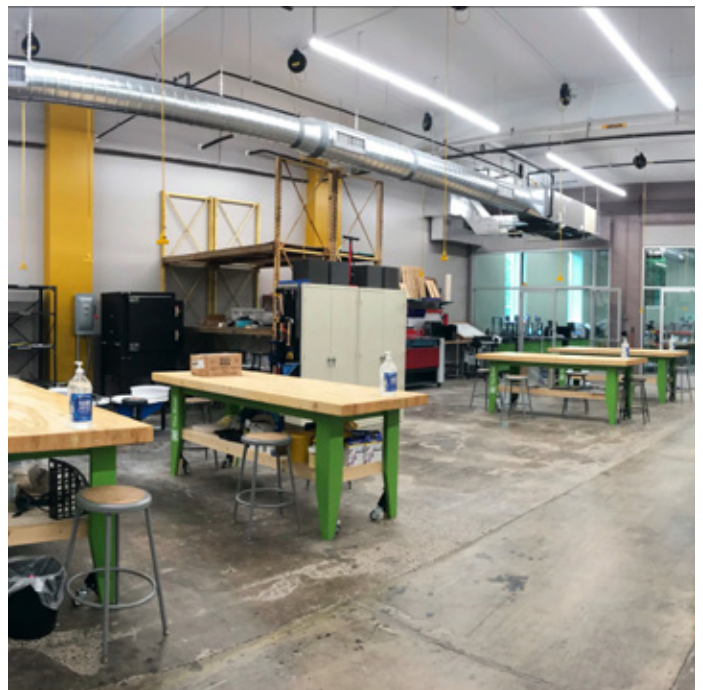
Contact: Michele Crowl
(814) 234-0200

Discovery Space is a Science Center in State College PA, serving the central PA community. The center is primarily aimed at providing engaging science activities for children up to age 14. The mission grew towards serving the greater community and the vision to start a maker space was born. In Fall 2018 Discovery Space applied for and won a large start up Centre Inspires Grant from the Centre Foundation. The grant reinforced the community minded goals of Discovery Space, which were to reach out to the larger inter-generational community from teenagers to retirees and bring them together to 'make'.

WMF worked with Discovery Space to develop plans to renovate an existing garage behind the science center into a 3 part maker space featuring paces and equipment for metal work, wood work, 3D printing, laser cutting, industrial sewing, jewelry making, ceramics and a flexible layout to allow makers to explore and the Rivet to change over time. WMF provided renderings and worked with 'Riveters' to share 3D views of the finished space, using VR head sets and controls, which helped with fundraising for the project. We also guided the zoning and building process, working with great volunteers and contractors who donated time and expertise to the endeavor.

The Rivet opened to the public in February 2020. Two of the three work areas have been completed, with the wood and metal shops slated for a future phase of construction. Fundraising is underway to complete renovations in the near future.

WMF Team Members: Anna Childe, Anthony Grace, Theo Thwing



COURTHOUSE RENOVATIONS

CENTRE COUNTY GOVERNMENT

Altoona, Pennsylvania

Vestibule Addition and Renovations

Completed: Est. 2021

Construction Cost: \$1,365,980

Design Fee:

\$72,600 AE & LDP

\$25,000 Owners rep

Change Orders: 1.8% (not including added scope for asphalt paving to existing parking lot- added to scope by client during construction)

Court Admin Suite

Completed: Est. 2021

Construction Cost: \$69,633

Design Fee: \$18,000

Change Orders: 0%

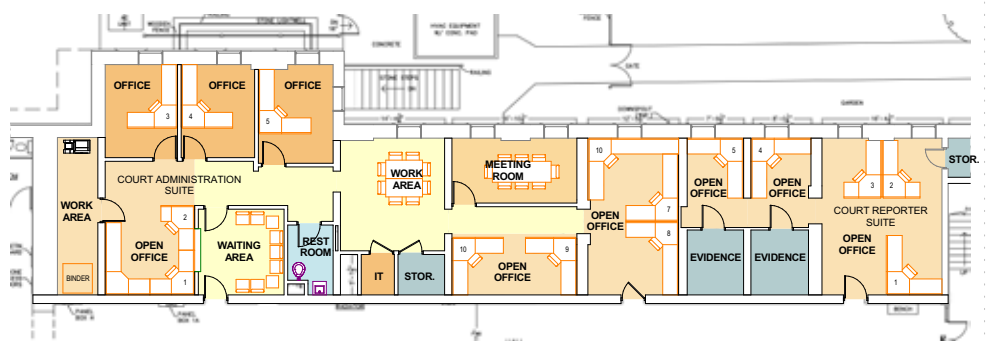
Services Provided: Feasibility Study, Cost Estimating, Architecture, Landscape Architecture, Land Development, Owners Rep

Contact: Lee Sheaffer
Director of Facilities Management
(814) 548-6045

WMF has been working with Centre County to prepare a master plan for renovations to the Centre County Courthouse. The plan was approved in 2018 and the county has since moved ahead with 2 separate projects the first of which included relocating employees from various departments between the courthouse and the Temple Court building located across the street from the courthouse.

The first renovation was of limited scope and included renovations for the court administrator's suite. This was completed in 2019. The second renovation was much larger in scale and included a new security vestibule on the north side of the building, renovations to multiple rooms and suites, new public bathrooms and sprinklering the entire building. The county was also undertaking an ESCO project at the same time so WMF coordinated our work with the county and their contractor. Great care was needed in renovating the historic areas of the building, and the new addition was approved by the Bellefonte Historic Resources Board.

WMF Team Members: Anna Childe, Anthony Grace, Theo Thwing



Design Option for Court Admin Suite



WEST HALLS PROJECTS

PENN STATE UNIVERSITY University Park, Pennsylvania

West Halls Gutters

Completed in 2020
Construction Cost: \$349,000
Design Fee: \$8,000
Change Orders: 16% - \$21,476
includes added cost of
replacement of 1,800 SF of
deteriorated slate shingles

Thompson Apartments

Completed in 2020
Construction Cost: \$63,000
Design Fee: \$12,800
Change Orders: 0%

Services Provided:
Architecture, Interior Design,
Construction Administration

Contact: Matt Vail
(814) 863-0092

WMF has been working with Penn State over several years on several projects making improvements to historic residence halls in their West Campus housing. These buildings were primarily built in the 1940's and form an integral part of the historic West Campus. PSU Housing takes care of the building and is continually replacing, rehabilitating and renovating these, with the goal of keeping them memorable places for students to live in the 21st century.

Exterior projects have included replacement of copper gutters and slate roof repairs as well as replacement of commons doors, and granite steps that have worn down with 60+ years of student travel and recent changes to salt mix used by physical plant. Goals for all exterior replacements are to fit in with existing historic fabric and materials. In order to present PSU with the best options for a steps replacement project WMF undertook a full study of original and replacement exterior hardscape throughout the west halls zone of campus.

Interior projects have included a new student lounge with kitchen in a common area, as well as the first phase of a 4 phase bathroom upgrade. We have also renovated a res life apartment, a common area student lounge and assisted with corridor finish replacements in several buildings.

WMF Team Members: Anna Childe, Anthony Grace, Theo Thwing

Rendering for Historic Stair Replacement at Irvin Hall



New Copper Gutter Replacement at Hamilton Hall



RENOVATIONS & SITE IMPROVEMENTS

MONTESORI REGIONAL CHARTER SCHOOL Erie, Pennsylvania

Completed in 2019

Breezeway Connector

Construction Cost: \$213,000
Change Orders: 3%
(Underground gas line found & sanitary line that needed re-routed, unforeseen conditions)

Interior Renovations

Construction Cost: \$1,335,900
Change Orders: 2% (Majority Owner added items)

Awning

Construction Cost: \$63,000
Change Orders: 0%

Boiler Replacement

Construction Cost: \$165,000
Change Orders: 0%

Roof Replacement

Construction Cost: \$45,000
Change Orders: 0%

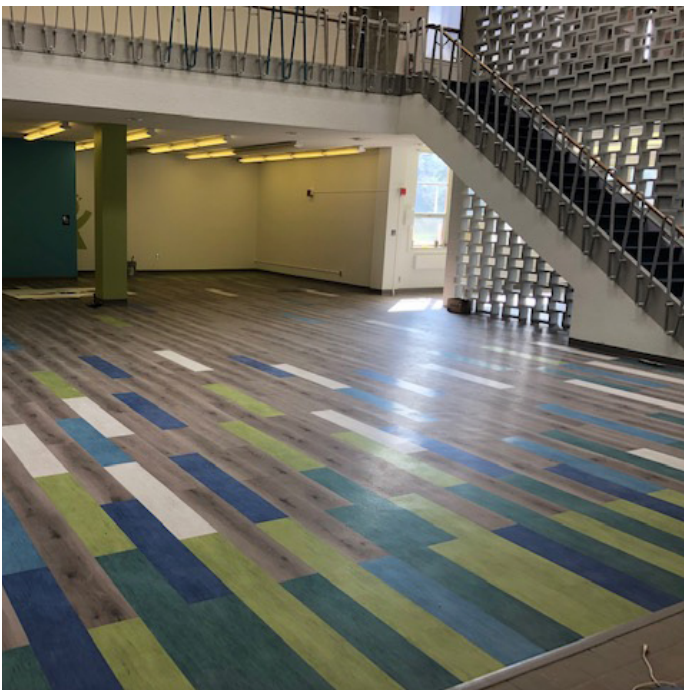
Services Provided:
Programming, Architecture,
Interior Design, Project
Management, Cost
Estimating, Landscape
Architecture, Land Planning

This project involved conducting a facility assessment on an existing building that the School was considering purchasing. They were located in 2 facilities roughly 8 miles apart. After the assessment, they consolidated into 1 location at an existing facility.

The interior renovations involved code upgrades such as railing and ADA chair lift modifications, existing restroom renovations and upgrading the entire fire alarm system to the building. Another new program element created was adding a new kitchen and serving area with an adjacent cafeteria and new restrooms. Other components included were increased security measures by adding a “mouse trap” entry at the main entrance to control visitors into the building. New card access and cameras were added throughout the facility.

Exterior site improvements included constructing a new covered breezeway connector from the Academic Building to the Athletic Building. An ADA ramp was incorporated into the design to serve as another accessible entrance to the building, as it only had one previously. A half-height brick wall was installed on one side to be used as a security and vehicular barrier to the adjacent traffic loop. As part of a phased long term renovation plan for the building, radiant floor heat tubing was installed in the concrete now but will be hooked up in a future phase to have a snow melt system on the student walkway.

WMF Team Members: Charlie Yazembiak, Anthony Grace



Pattee Library Knowledge Commons Phases 7-9

The Pennsylvania State University

University Park, PA

PROJECT DETAILS

Project Area
47,000 sq. ft.

Construction Cost
\$21.7 million

Completion Date
August 2019

Final Change Orders
3.3%

Design Fee
\$323,500

OWNER

Chad Spackman
Penn State University
814-865-9454

AWARDS

2020 Award of Merit &
2020 Section Award for
Architectural Lighting Design,
Philadelphia Illuminating
Society

PROJECT TEAM

Roger M. Thies, PE
Jarod F. Stanton, PE
Stephen E. Oskin, PE
Dane L. Heimerman, PE
Richard Koval, PE
Stephen A. Soltis, Jr.
Jennifer L. Harrington, PE



Barton Education provided mechanical, electrical, plumbing engineering and architectural lighting design services for a 47,000 square-foot renovation that expanded student group study and collaboration spaces, and improved overall accessibility at Pattee Library on the University Park campus. The project included renovations to the entire ground floor west that created the Collaboration Commons. The new area provides students with group study spaces, interactive classrooms and interactive media spaces. The project also included the creation of new office, study and classroom spaces by enclosing the remaining courtyard into an interactive atrium that improves access to all four levels of the library across the west and central sections. The project scope included a complete HVAC system replacement, plumbing, fire protection and electrical system upgrades and replacements. Barton's architectural lighting team worked with the project owner's representatives and architectural team to create custom lighting fixtures to portray the ambience that the Dean of the Library was requesting in the Atrium and collaboration commons. Barton is honored to have received the 2020 Award of Merit as well as the 2020 Section Award for the Architectural Lighting Design on this project from the Philadelphia Illuminating Engineering Society (IES).

Sporting Hills Elementary School

Cumberland Valley School District

Mechanicsburg, PA

PROJECT DETAILS

Project Area
86,000 sq. ft.

Construction Cost
\$3.8 million

Completion Date
September 2019

Final Change Orders
6.4%

Design Fee
\$150,924

OWNER

Jim Koontz
Cumberland Valley
School District
717-697-8261

PROJECT TEAM

Wesley L. Stiles, PE
Douglas C. Barnhart, PE



Barton Education provided prime mechanical, electrical, and plumbing design and construction services for replacement of the existing HVAC systems, lighting, and various building envelope maintenance items for an 86,000 square-foot elementary school. Plumbing upgrades included replacement high-efficiency water heaters and automatic flush valves/faucets in the public restrooms. Mechanical replacement systems included high efficiency hot water boilers, air-cooled chillers, replacement of unit ventilators with variable air volume systems and energy recovery units and active de-humidification controls. Electrical upgrades included LED lighting fixtures and automatic lighting controls.

Barton Education has provided engineering design services for over 45 projects for Cumberland Valley School District since 2005. Projects include HVAC system replacements and chiller replacements in several facilities as well as multiple renovations at the elementary facilities and high school.

WMF REFERENCES

Matt Vail
Project Manager
Penn State University
mev130@psu.edu
(814) 863-0092

Doug Endler
Director of Buildings and Grounds
Altoona Area School District
dendler@aasdcad.com
(814) 946-8263

Margaret Gray
County Administrator
Centre County Government
mnggray@centrecountypa.gov
(814) 355-6700

Joe Pellegrino
Director of Buildings and Grounds
Montessori Regional Charter Schools
jpellegrino@mrcserie.org
(814) 572-8342

PROVIDENCE ENGINEERING REFERENCES

Lisa M. Rankin
Business Manager/Board Secretary
Tussey Mountain School District
lisarank@tmsd.net
(814) 635-3670

BARTON ASSOCIATES REFERENCES

Jeffrey Spackman, PE
Project Manager
The Pennsylvania State University
djs47@psu.edu
(814) 863-2496

WMF & PROVIDENCE ENGINEERING REFERENCE

Thomas Folino
Director of Buildings and Grounds
Bald Eagle Area School District
thomas.folino@beasd.net
(814) 355-4860

WMF, BARTON ASSOCIATES & PROVIDENCE ENGINEERING REFERENCE

Bruce Herring, PE
Project Coordinator
Shippensburg University
BEHerr@ship.edu
(717) 477-1123 x 3060

Vision: Do
GREATwork

“ We strive to be your firm of choice, offering a diverse palette of innovative, integrated professional services. ”
Our goal is to perform with excellence.

WMF
WEBER MURPHY FOX

CLEVELAND

1801 E. 9th Street
Suite 1500
Cleveland, Ohio 44114
216-623-3700

ERIE

3230 West Lake Road
Erie, Pennsylvania 16505
814-836-1515

STATE COLLEGE

403 South Allen Street
Suite 115
State College, Pennsylvania 16801
814-867-3508

WWW.WMF-INC.COM