



PROPOSAL FOR
ARCHITECTS SELECTION

ROUTINE PROJECTS
STATE COLLEGE AREA SCHOOL DISTRICT



April 23, 2021

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Robert H. Hoffman, Architect AIA LEED AP
Sr. Principal

Mr. Ed Poprik, PCSBO
Director of Physical Plant
State College Area School District
154 West Nittany Avenue
State College PA. 16801

J. Michael Leakey, Architect, AIA
Principal

RE: Architect for Routine Projects

Dear Mr. Poprik,

It is with pleasure that Hoffman Leakey Architects submit to you our response to the RFQ relating to selection of an Architect for routine projects. Since 2007, our professional team have been involved in over 90 projects for SCASD ranging from infrastructure upgrades to new roofs. Throughout that period our team has tried to meet or exceed the requirements of the school district in the design, construction documents and administration phases of each project. We have tried to always make ourselves immediately available to respond to the needs and schedule and have valued our relationship with yourself and the experienced staff at Physical Plant.

Our commitment has always been to approach each project no matter what size with enthusiasm and dedication. If we are selected, we again will perform to the level of your expectations.

Noting that the upcoming school calendar year will bring new faces in the physical plant scene, we feel our teams past experience with school district projects will assist the new personnel in bringing continuity and advice in their transition period.

As principal point of contact for the complete term, I plan to continue my role as team leader for the entire duration and to maintain the same consultants that have been working together over the last few years. In addition, I have added a code consultant to round out our team qualifications.

We would appreciate your review of our qualifications and if selected, look forward to again serving the district as your design team for routine projects.

Sincerely,



Robert H. Hoffman AIA LEED AP
Senior Principal
Hoffman Leakey Architects LLC.
110 West Main Street, Boalsburg PA, 16827
814.466.7811 Direct
814.280.0941 Mobile
rhoffman@hl-architects.com



PRIMARY POINT OF CONTACT

ROBERT HOFFMAN, AIA, LEED AP

PROJECT ARCHITECT, TEAM LEADER
rhoffman@hl-architects.com

MELISSA HELBELY

SPACE PLANNING, INTERIOR DESIGN
mhelbley@hl-architects.com



CIVIL ENGINEER

MATTHEW HARLOW, RLA

LANDSCAPE ARCHITECT
mharlow@elagroup.com

GEORGE LOWER, PE

SENIOR PROJECT ENGINEER
glower@elagroup.com



MPE ENGINEER

TIM SCHARF, PE LEED AP

PRINCIPAL IN CHARGE
tscharf@reesehackman.com

BRIAN WALKER, PE LEED AP

PROJECT MANAGER
bwalker@reesehackman.com



STRUCTURAL ENGINEER

PETER BRUMBERG

STRUCTURAL ENGINEER
pbrumberg@stahlsheaffer.com



CODE

EDWARD CONKLIN

CODE CONSULTANT, RETIRED PSU
elc3@psu.edu



ROBERT HOFFMAN, AIA, LEED AP

EDUCATION

The Pennsylvania State University 1964
College of Arts and Architecture
Bachelor of Architecture

Architectural Association 1963
London England

The University of Minnesota 1967
Master of Architecture
Urban Planning Option

Bob has been practicing architecture for more than 49 years. His client service is unmatched. Creative design, reliable cost estimates, exceptional administration skills, and relationships built to last set Bob and HLA apart in today's corporate world.

Bob holds a Masters Degree in Urban Planning and has led numerous feasibility studies and master planning efforts exploring possible renovation and repurposing of buildings. He has designed more than 300 projects for Penn State University Park and Commonwealth Campuses over the last 35 years. He is passionate about the impact of great design on educational outcomes, the student experience, and an institution's ability to attract top students and faculty.

OFFICE LOCATION

Boalsburg, PA
Hoffman Leakey Architects, LLC
Established 2014

COMMUNITY ENGAGEMENT

**Chair College Township
Planning Commission**

Harris Township Lions Club

Boalsburg Fire Company
45 years past Fire Chief

REGISTRATIONS & CERTIFICATIONS

Registered Architect, 49 years
Pennsylvania #RA006366X

U.S. Green Building Council
LEED Accredited Professional

RELEVANT PROJECTS

State College Area School District
90+ Projects since 2007
14 Schools and Facilities

COVID-19 Classroom Studies

Park Forest Middle School,
Parking Lot & Drainage, Paving

Panorama Elementary School,
Parking Lot

Mount Nittany Elementary & Middle
School, Paving

Fairmont Avenue School,
Exterior & Entrance

Fairmont Avenue School,
Retaining Wall

SCASD Bus Garage,
Bus Drive and Earth Stabilization

Lemont Elementary School,
Paving

High School South Building,
Exterior Accessibility Renovations

**Centre County Fire
Training Facility**
Phase 1, 2, & 3
New Campus Structures

Alpha Fire Company
Substation Renovations

Boalsburg Fire Company
Renovations

College Township
Municipal Building and
Fire Substation

**Centre Region Council of
Governments**
Office Building

Penn State - University Park
College Heights Swing Space,
Feasibility Study and Renovations

Morgan Academic Center, Feasibility
Study and Renovations

Lasch Football Building, Auditorium
Renovations

Recreational Hall (Rec Hall),
Feasibility Study and Master Plan

Coaches Complex - Lacrosse, Soccer
& Field Hockey

Beaver Stadium Expansion, Visiting
Team & Home Team Locker Rooms





MELISSA SHANK INTERIOR DESIGNER

EDUCATION

Indiana University of Pennsylvania
 Bachelor of Science - Interior Design

RELEVANT PROJECTS

State College Area School District

COVID-19 Classroom Studies
 Track Honor Wall
 Panorama 5, Conference Room and
 Office Space

Penn State - University Park

Carnegie Building, Renovation
 Deike Building, Renovation
 Biobehavioral Health, Renovation
 Bursar's Office, Renovations
 Thomas Building, Renovations
 Redifer Housing, Office Renovations
 Applied Research Laboratory,
 New Construction
 College Heights Building, Renovation

Penn State - Commonwealth Campuses

Harmony Hall, Renovations
 McKeesport Hall, Renovations
 Mont Alto Hall, Renovations

Sugar Valley Rural Charter School,

New Gymnasium

LS Fiore Offices

Altoona, Pennsylvania

Barton Malow Offices

State College, PA

Roots Natural Kitchen Restaurants

State College, PA

Oakwood Presbyterian Church

Additions and Renovations

Melissa holds a Bachelor of Science in Interior Design and a Minor in Business Administration. She offers specific expertise with AutoCAD and project management for commercial interiors. Melissa brings not only a dynamic passion for design, but a personal understanding of the suppliers' perspective on the industry. This insider's knowledge helps her to get the most from her clients' budgets, carefully guide the selection of materials and finishes, and keep projects running smoothly.

Melissa's recent work includes interior renovations for university, institutional, and commercial clients. Her customer focus and well-rounded outlook drive her design approach and make her enjoyable to work with.

COMMUNITY ENGAGEMENT

Lewisburg Children's Museum

Donation of Graphic Design Services



Ed Conklin

CODE & ZONING CONSULTANT - RETIRED SENIOR CODE OFFICIAL, PSU OPP

Ed will serve as a consultant as needed for SCASD projects to investigate critical code and zoning issues that will impact facility planning decisions. Having worked at Penn State for 27 years as a Senior Code Specialist, Ed's expertise is well regarded by his former PSU colleagues. He held a national certification as a Master Code Official in 13 disciplines, including Building Code, Fire Code, Electrical Code, Mechanical Code, and Plumbing Code. He also passed the national test for the International Accessibility Code/ Standards and the State Test for Building Code Officials. Prior to his work at Penn State, he served as an inspector and plan review at Centre Region Code.

Education

Bachelor of Science, Penn State University

Experience

49 years' experience

REFERENCES:

Steve Maruszewski, Assistant Vice President
 for OPP, Penn State University
 814-865-4402 | sxm37@psu.edu

Ed Gannon, PHD, Structural Engineer
 G.M. McCrossin, Inc.
 814-355-4848



Registration:

Landscape Architect, PA

MATTHEW R. HARLOW, RLA
Principal & Division Director: Central PA

Responsibilities:

Mr. Harlow joined ELA Group, Inc., in January 1997 as a Project Manager. In August of 2000, Mr. Harlow opened the Central Pennsylvania Regional Office of ELA Group, Inc. and currently is the Principal & Division Director. His responsibilities include project management/client coordination, oversight and preparation of all aspects of Site Design, Land Development and Subdivision Plans, Master Planning, Due Diligence, Construction and Bidding Documents, construction administration and observation, public presentations/outreach and client representation.

Education:

Pennsylvania State University, PA
B.S. Landscape Architecture – 1989

Professional/Technical Affiliations:

- ◆ Pennsylvania Planning Association

Training:

- ◆ Annual PA Greenways and Trail Summit
- ◆ PA DEP Chapter 105 (Waterway Management) Workshop
- ◆ Professional Registration Continuing Education

Previous Experience:

Project Manager

Herbert, Rowland & Grubic, Inc.
Lancaster, PA
9/89 – 1/97

Years of Experience:

Years with this firm: 24.25 yrs
Years with other firms: 7 yrs

Key Project Experience:

Educational

- Bellefonte Area School District – Miscellaneous Projects, Centre County, PA – Provided design and engineering services for various projects for the school district.
- Marion-Walker Elementary School – Additions and Renovations, Walker Township, Centre County, PA – Land Development Plans and construction documents for the additions and renovations to the existing Elementary School, which included parking and circulation improvements with separate bus loop and parent drop-off and utility infrastructure improvements including an on-site waste water disposal facility.
- S. Solomon Solis Elementary School – Landscaping and Playground Design, School District of Philadelphia, City of Philadelphia, PA – Design and construction drawings for complete campus landscaping and playgrounds for the 1,400-student elementary school in Philadelphia. The design included naturalized landscape features with educational opportunities and an expansive playground with synthetic turf play field, unique running “track” and creative hard surface “games”.
- State College Area High School – Additions and Renovations, Borough of State College, Centre County, PA – Site design, land development planning and construction drawings for the High School additions and renovations, which includes an approximate 600,000 SF in buildings, significant parking, circulation and pedestrian improvements, traffic impact studies, utility infrastructure upgrades and storm water management improvements.
- State College Area School District – Miscellaneous Projects, Centre County, PA – Projects include: Design and construction documents for Summer Site Work for High School, design and construction documents for temporary parking facilities at the High School; and design and permitting of a Rectangular Rapid Flash Beacon pedestrian signal through PENNDOT for a pedestrian crossing of a State College Borough street.
- State College Area School District – Spring Creek Elementary School, Centre County, PA – Land Development Plans and construction documents for new elementary school on the site of the exiting Elementary School, which included parking and circulation improvements with separate bus loop and parent drop-off, stormwater management, erosion and sedimentation control and utility infrastructure. The project also includes maintaining and improving bicycle and pedestrian community connection.
- State College Area School District – Pre-Referendum Planning, Centre County, PA – Development of a district wide analysis of 23 vacant properties suitable for a high school with an evaluation matrix and sketch planning of the three final properties for the school board and community input and selection as part of the pre-referendum information.
- State College Area School District – Radio Park and Corl Street Elementary Schools – Additions and Renovations, Centre County, PA – Land Development Plans and construction documents for the additions and renovations to the exiting Elementary Schools, which included parking and circulation improvements with separate bus loop and parent drop-off, stormwater management, erosion and sedimentation control and utility infrastructure. The project also includes maintaining and improving bicycle and pedestrian community connection.
- State College Area High School – Multi-Use Path, State College Borough, Centre County, PA – Integration of multi-use path work for future extension to Westerly Parkway Corridor within the Borough.



Offices in Pennsylvania
Lititz 717.626.7271
State College 814.861.6328
Butler 724.256.9646
www.elagroup.com



Registration:

Professional Engineer, PA

Education:

Pennsylvania State University
♦ B.S. Civil Engineering – 1995
♦ Minor Environmental Engineering – 1995

Training:

- ♦ PADEP PAG-02 Update Training seminar, 2013
- ♦ EnviroSoxx Treatment Train for Targeted Invisible Pollutants webinar, 2013
- ♦ LID/Post-Construction Water Quality Treatment webinar, 2013
- ♦ Erosion & Sediment Control RECP Training session, 2013
- ♦ PADEP ESCGP-2 Permit Training seminar, 2013
- ♦ Segmental Retaining Walls for Landscape Design Training session, 2013
- ♦ ASCE Sinkholes in Pennsylvania seminar, 2013
- ♦ Sustainable Sites & Permeable Paving Systems webinar, 2013
- ♦ Low Impact Development and the Basics of Bioretention webinar, 2012

Previous Experience:

Project Manager

Lake Roeder Hillard & Associates
Lancaster, PA
2/2005 – 5/2012

Project Manager

Robert Gabriel & Associates
Mount Joy, PA
3/2004 – 2/2005

Project Engineer

Lake Roeder Hillard & Associates
Lancaster, PA
5/2001 – 3/2004

Assistant Engineer & Engineer

Rettew Associates, Inc.
Lancaster, PA
9/1995 – 5/2001

Years of Experience:

Years with this firm: 9 yrs
Years with other firms: 16.5 yrs

Responsibilities:

Mr. Lower joined ELA Group, Inc. in May 2012 as a Senior Project Engineer. His experience includes the design and project management related to the development and planning of commercial, industrial, residential, and educational sites. His responsibilities includes site layout and grading; storm water management collection, conveyance, and management design; best management practice design; erosion and sediment pollution control design and plan preparation; PCSM plan preparation and associated NPDES permitting; roadway design; utility design; construction cost opinions; construction drawings preparation; and the processing of Subdivision and Land Development plans.

Key Project Experience:

Educational

- Elmwood Elementary 4/5 Center, Upper Allen Township and Mechanicsburg Borough, Cumberland County, PA – Stormwater Management, Erosion and Sediment Pollution Control design, and NPDES permitting for new elementary school additions, parking and circulation improvements on the site of the exiting school.
- Garnet Valley High School, Concord Township, Delaware County, PA – Stormwater Management design, Erosion and Sediment Pollution Control design, and NPDES permitting for building additions and new parking lots.
- Kindergarten Academy at Filbert Street, Mechanicsburg Borough, Cumberland County, PA – Engineering and design of the storm water management infrastructure, including a large underground stormwater detention facility. Prepared Erosion and Sediment Pollution Control plans and NPDES permitting for new elementary school building additions, parking and circulation improvements on the site of the exiting school.
- Lewisburg Area School District – Newman Road High School, Kelly Township, Union County, PA – Stormwater Management design, Erosion and Sediment Pollution Control design, NPDES permitting, and a DEP General Permit (GP-7) for a new high school and athletic fields.
- Landisville Education Center, East Hempfield Township, Lancaster County, PA – Stormwater Management design, Erosion and Sediment Pollution Control design, and NPDES permitting for a new school building.
- Oxford Area High School, East Nottingham Township, Chester County, PA – Stormwater Management, Erosion and Sediment Pollution Control design, and NPDES permitting for a new high school.
- State College Area School District – Radio Park and Corl Street Elementary Schools – Additions and Renovations, Centre County, PA – Land Development Plans and construction documents for the additions and renovations to the exiting Elementary Schools, which included parking and circulation improvements with separate bus loop and parent drop-off, stormwater management, erosion and sedimentation control and utility infrastructure. The project also includes maintaining and improving bicycle and pedestrian community connection.
- State College Area School District – Spring Creek Elementary School, Centre County, PA – Land Development Plans and construction documents for new elementary school on the site of the exiting Elementary School, which included parking and circulation improvements with separate bus loop and parent drop-off, stormwater management, erosion and sedimentation control and utility infrastructure. The project also included maintaining and improving bicycle and pedestrian community connection.
- State College Area High School – Additions and Renovations, Borough of State College, Centre County, PA – Engineering and design of the storm water management infrastructure, sanitary sewer and water infrastructure design assistance, Erosion and Sediment Pollution Control plans and NPDES permitting on the campus for both the Summer Site Work and Main Project phases.
- Upper Allen/Shepherdstown Elementary Schools, Upper Allen Township, Cumberland County, PA – Stormwater Management, Erosion and Sediment Pollution Control design, and NPDES permitting for new elementary school additions, parking and circulation improvements on the site of the exiting schools.



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TIM SCHARF, PE, LEED AP PARTNER-IN-CHARGE

Tim has 30 years of experience as a Mechanical Engineer specializing in the design of heating, ventilating, and air-conditioning (HVAC) systems. Tim manages teams of engineers and designers through the design, documentation, and construction administration of new construction and renovation projects. His extensive background with cost effective, energy sensitive projects fosters careful integration of sustainable system designs that enhance building architecture.

Professional Registration

Professional Engineer: PA and 13 additional states

LEED Accredited Professional

Education

Bachelor of Science,
Mechanical Engineering, The
University of Colorado

Years of Experience

30

Relevant Experience

- » District Wide COVID Mechanical System Evaluations, State College Area School District
- » Mount Nittany Middle School Chiller Replacement & Air Systems Modifications, State College Area School District
- » High School North Mechanical Renovations, State College Area School District
- » State College Area High School North Natatorium Building Upgrades, State College Area School District
- » Grays Woods Elementary School, Water Heater Replacement, State College Area School District
- » Corl Street Elementary School Boiler Replacement, State College Area School District
- » Easterly Parkway Elementary School Chiller Replacement, State College Area School District
- » Houserville Elementary School Boiler Replacement, State College Area School District
- » Penns Valley Area High School Domestic Hot Water Boiler Replacement, Spring Mills, PA
- » State College Area High School IT Generator, State College Area School District
- » Dutch Creek Elementary School Renovations, Lakewood, CO
- » Hutchinson Elementary School Renovations, Jefferson County, CO
- » Pleasant View Elementary School Renovations, Golden, CO
- » Annville-Cleona Secondary School, Annville, PA





BRIAN WALKER, PE, LEED AP

PROJECT MANAGER

Brian has over 20 years of experience in the design of heating, ventilating, air-conditioning (HVAC), and plumbing systems. He has worked on both new construction and renovation projects for K-12, municipal, senior living, and university clients. This breadth of project experience presents unique design challenges involving budgets, energy efficiency and sustainability, as well as construction phasing. The knowledge that Brian has gained throughout his professional careers allows him to collaboratively approach each project to meet these challenges.

Professional Registration

Professional Engineer: PA

LEED Accredited Professional

Certified Public Water Systems Operator, Pennsylvania Department of Environmental Protection

Education

Bachelor of Science, Architectural Engineering, Pennsylvania State University

Years of Experience

21

Professional Organizations

ASHRAE, member

Relevant Experience

- » Mount Nittany Middle School Chiller Replacement & Air Systems Modifications, State College Area School District
- » High School North Mechanical Renovations, State College Area School District
- » Grays Woods Elementary School, Water Heater Replacement, State College Area School District
- » Panorama Phase 5, State College Area School District
- » Lycoming College Honors Hall and Music Building Addition, Williamsport, PA
- » Lycoming College Krapf Gateway Center, Williamsport, PA
- » Ag Sciences & Industries Building Telecom Infrastructure Upgrade, Penn State University
- » Hammond Engineering Library, Penn State University
- » Rider Building Renovations, Penn State University
- » Bryce Jordan Center Basketball Office Renovations, Penn State University





Pete Brumberg, P.E., Director – Building Structures

EDUCATION

2000 Bachelor of Architectural Engineering—Structural Emphasis
The Pennsylvania State University

PROFESSIONAL EXPERIENCE

Mr. Brumberg is responsible for directing Stahl Sheaffer’s Building Structures Group, providing mentoring and oversight for the design, detailing, and coordination process as well as performing quality assurance reviews. His experience as a multi-discipline team leader for a full-service A/E firm provides a heightened understanding of the importance of clear and timely communication, flexible design concepts, interactive multi-discipline coordination, and the implementation of non-traditional solutions as a dynamic member of the design team. Mr. Brumberg encourages his team to develop options that consider unique approaches including the use of alternative materials or manufactured products, development of individualized engineered detailing that might be avoided by a traditionalist approach to design, direct interaction with seasoned construction professionals, and the implementation of technology to improve the design and coordination process. Stahl Sheaffer’s Building Structures staff uses Revit exclusively for drawing production on all projects.

Leveraging over 21 years of experience across a broad spectrum of facility types, building uses, and material types, Mr. Brumberg’s expertise is put to use in design of new construction and renovation projects, as well as performing structural forensics, leading structural rehabilitation, and serving as an expert witness. He has completed feasibility studies and structural design in nearly every area of building use including K-12 and university classrooms and labs, athletic facilities, parking and maintenance facilities, retail and office buildings, hospitality, multi-family residential, industrial and process facilities, and medical offices and clinics. Mr. Brumberg uses his combined experiences and the experiences of those around him to guide Stahl Sheaffer’s team of building engineers as they strive to develop reliable, constructable, economic structures which meet the demands of the facility use today and offer future flexibility for tomorrow, while minimizing building structure-related lifecycle maintenance costs.

REPRESENTATIVE PROJECTS

- **State College Area School District, State College, PA** – Renovation of a classroom in the old South Building of the High School, design for installation of a wrestling matt lift system in the High School Gymnasium, and feasibility studies for a new maintenance and vehicle storage building.
- **Young Scholars Charters School Land Development & Structural Design, State College, Centre County, PA** – Project Manager of the structural design of three phases of construction for the school. Phase one included a single-story wing of classrooms and offices, as well as a large gymnasium that doubles as a cafeteria. Phase two included a new wing for classrooms. Stahl Sheaffer designed the structure to support adding a future second story on this wing. Phase three included the design of the second story using wood-framed construction, prefabricated wood trusses, and an elevator. A phased development was implemented to allow current operation and future expansion of the charter school.

REPRESENTATIVE PROJECTS

EASTERLY PARKWAY ELEMENTARY SCHOOL

REMOVAL OF EXISTING EPDM ROOF AND SKYLIGHT
ADDED NEW INSTALLATION OF EPDM ROOF AND NEW SKYLIGHTS

HLA Staff: R. Hoffman
YEAR: 2020
BID: \$210,000.00
CHANGER ORDERS: 0
HLA DESIGN FEE \$10,000

MOUNT NITTANY MIDDLE SCHOOL CHILLER

REPLACE THE EXISTING CHILLER AND ADD NEW CHILLER
AND BRICK ENCLOSURE
PART OF AIR SYSTEM MODIFICATIONS DESIGNED BY REESE HACKMAN

HLA Staff: R. Hoffman
YEAR: 2018
BID: \$1,476,674.00
CHANGER ORDERS: \$28,981 = 2%
HLA DESIGN FEE \$65,684 = 4%

SCASD CLASSROOM STUDY

DEVELOP STUDENT SEATING IN ALL DISTRICT CLASSROOMS AND SUPPORT
SPACES TO RESPOND TO COVID-19 SOCIAL DISTANCING REQUIREMENTS

HLA Staff: R. Hoffman , M. Helbley
YEAR: 2020
BID: N/A FEASIBILITY STUDY
HLA DESIGN FEE \$3,394.00



PARK FOREST MIDDLE SCHOOL: WATERLINE REPLACEMENT

ELA was engaged to provide design services and construction drawings to replace the single water service line to the Middle School. The State College Borough Water Authority required the SCASD to replace the existing water service line due to multiple leaks. ELA working with the SCASD Physical Plant Department developed construction drawings to replace the entire water service line from the main line in Ambewood Way to the point of entry connection at the building. The replacement was approx. 350 ft. in length and located within a very narrow workspace corridor. ELA prepared the construction documents and obtained the required municipal permits expeditiously within the accelerated project schedule. The low bid received was well below the anticipated construction cost of \$40,000 and change order was minimal.

ELA Staff: Matthew Harlow

YEAR: 2020
BID: \$23,306.36
CHANGER ORDERS: \$197.13= <1%
ELA DESIGN FEE \$4,000

VALLEY VISTA DRIVE CROSSWALK & FLASHING WARNING DEVICE

Patton Township was awarded a PennDOT grant for the implementation of a signalized pedestrian crossing of Valley Vista Drive at Little Lion Drive. The project intent is to enhance pedestrian safety, primarily for the Park Forest Middle School Students crossing Valley Vista Drive to the athletic fields adjacent to the Circleville Park. Patton Township entered into an agreement with the SCASD to perform the design, permitting and construction of the signalized crossing. ELA was engaged by SCASD to complete all aspects of the project in accordance with the PennDOT grant criteria. The primary element of the project was to include flashing warning signals on each approach to the crossing. ELA prepared all required documents including a traffic study, signal permit and construction drawings. Upon approval by PennDOT, the project was bid. Due to the grant requirements, the contractor was required to be a Penn DOT certified installer. The low bidder was not PennDOT certified, and the next bidder was awarded the construction contract.

ELA Staff: Matthew Harlow, and Mark Henise

YEAR: 2020
BID: \$105,511.00 (89,164.47 PennDOT grant amount \$89,164.47)
ELA DESIGN FEE \$17,635.39 (PennDOT grant amount for designs: \$19,800.00)
CHANGER ORDERS: \$-4,016.00



DISTRICT WIDE BUILDING COVID MECHANICAL SYSTEM EVALUATIONS

State College Area School District, State College, PA

Reese Hackman completed a district wide mechanical system evaluation to address coronavirus/ Covid -19 transmission within all district owned buildings. From these evaluations the team was able to help SCASD implement changes in controls and operations strategies to aid the district in reopening for the 2020-2021 school year. The evaluation also suggested longer term operational changes aimed at further improving indoor conditions.

MOUNT NITTANY MIDDLE SCHOOL CHILLER REPLACEMENT & AIR SYSTEMS MODIFICATIONS

State College Area School District, State College, PA

Mount Nittany Middle School was experiencing excess humidity levels, creating poor indoor air quality at the school. The Reese Hackman team modified the existing system, including replacing the chiller, chilled water pumps and heating water pumps, and added new rooftop air handlers to increase ventilation in the hallways.

NATORIUM BUILDING SYSTEMS UPGRADES

State College Area School District, State College, PA

The State College High School's natatorium was experiencing excess humidity levels, causing poor indoor air quality and significant lung irritation. The excess moisture was also leading to progressive issues with buildings materials and structure. The Reese Hackman team designed a new mechanical system to replace the old system that increased ventilation in the building to improve the moisture levels in the air. The project required architectural and structural design to accommodate the new system.



SUGAR VALLEY CHARTER SCHOOL ADDITIONS, Loganton, PA

Project Manager for structural design and construction administration for a building addition to the existing school and for the structural design of a new multipurpose building to provide a gymnasium, auditorium, athletic practice space, music practice space, and classrooms. A multi-facet roof created challenges with load distribution for lateral design which had to be overcome. Design also included a custom scissors truss that clearspans the gym, a large open stick-framed lobby, elevated mechanical mezzanine over an auxiliary gym, and a kitchen with mechanical units supported in attic space.

SELINGROVE AREA SCHOOL DISTRICT MIDDLE SCHOOL EXTERIOR MASONRY INVESTIGATION

Selinsgrove, PA

Reviewed the condition of the exterior masonry wall at the Selinsgrove Middle School auditorium, revealing ongoing deterioration that was manifesting in efflorescence, vertical cracks, cracked and displaced mortar joints, damaged soft joints, and exposed reinforcement between brick courses. Performed further investigation of wall conditions by accessing the rooftop to view the conditions behind the top of the wall, determining that the roof level protection was sound and that water was infiltrating the brick façade. Recommended immediate actions to reduce the infiltration and slow the deterioration, to be followed by full scale façade restoration.

SELINGROVE AREA SCHOOL DISTRICT MIDDLE SCHOOL FOOD SERVICES EXPANSION

Selinsgrove, PA

Provided structural engineering support for the Selinsgrove Middle School expansion that consisted of load bearing block with steel framed roof addition for food storage and ancillary support spaces as well as a covered loading dock.

STEVE MARSZWESKI
Vice Chancellor for Facilities
University of North Texas
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JEFFREY KOKOSKIE
Project Manager
Office of Physical Plant
Penn State University
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214.571.4800

ADAM BRUMBAUGH
College Township Manager
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814.231-3021

JACK SPEARLY
John Spearly Construction
Bellefonte, PA
814.355.3608