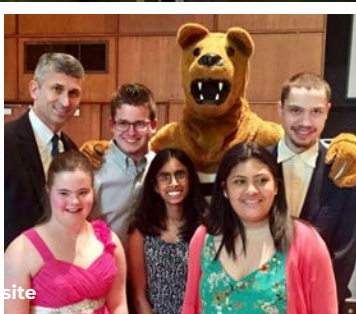




Photo Credit: State College Area School District Website



**PROPOSAL FOR:**



**State College  
Area School District**

**ARCHITECT FOR ROUTINE PROJECTS**

**DUE:** April 23, 2021

**SUBMITTED BY:**

CDI Architects Group, LLC dba  
L.R. Kimball - Architecture and Engineering



**L.R. Kimball**

# Contacts:

## **L.R. KIMBALL**

**Trudy Lindsley, AIA, LEED AP**

**Point of Contact and Project Architect**

330 Innovation Blvd., Suite 202

State College, PA 16803

Office: 814.325.2619

Email: [Trudy.Lindsley@lrkimball.com](mailto:Trudy.Lindsley@lrkimball.com)

## **David Rispoli, PE, PMP**

**Director of Architecture and Engineering**

330 Innovation Blvd., Suite 202

State College, PA 16803

Office: 814.419.7897

Mobile: 814.935.7165

Email: [david.rispoli@lrkimball.com](mailto:david.rispoli@lrkimball.com)



CDI Architects Group LLC  
dba L.R. Kimball – Architecture and Engineering

330 Innovation Blvd.  
Suite 202  
State College, PA 16803  
Phone: 814.867.4566  
www.lrkimball.com

April 23, 2021

Mr. Ed Poprik  
Director of Physical Plant  
240 Villa Crest Drive  
State College, PA 16801

RE: Proposal for Architect For Routine Projects  
State College Area School District

Dear Mr. Poprik,

Situations arise. Roofs leak. Mechanical equipment fails. Enrollments spike. CARES money arrives, but with deadlines attached. For six decades, L.R. Kimball has been one of the Mid-Atlantic's preeminent K-12 architectural and engineering firms. During that period, we have undertaken open-ended design services for scores of clients. For example, L.R. Kimball performed over sixty individual projects for Altoona Area School District, twenty-five for Toms River Regional Schools, dozens for Penn State, and over thirty for **State College Area School District**. CDI Architects Group LLC dba L.R. Kimball – Architecture and Engineering (**L.R. Kimball**) is pleased to submit our credentials to return to State College Area School District as Architect for Routine Projects during 2021-22 school year, and beyond.

#### **The Right Team:**

We have the perfect fit as Primary Point of Contact, **Trudy Lindsley** AIA LEED AP. She works in our **State College office**, lives in State College Area School District, and her two children attend Mt. Nittany Middle School. Within the past year, Ms. Lindsley successfully completed a Penn State service order to re-design locker rooms in their Multi-sport Facility. Like State College Area School District, Penn State prefers responsive local professionals for small projects. Trudy lives and works within minutes of your buildings.

**David Rispoli** PE PMP, Director of Architecture & Engineering, also works in our **State College office**. David commits the Principal-in-Charge support of our full-service, in-house Architects and Engineers toward your success. We will provide project management, architecture, building systems engineering, civil engineering, and construction administration services from professionals located in our State College and Ebensburg offices. We offer a suite of geospatial services including surveying, mapping, and an AASHTO accredited soils test lab, and a CCRL-accredited concrete testing lab.

Pennsylvania school districts have been forced to react to the harsh realities of the pandemic era. L.R. Kimball is well-versed in the educational planning models, design standards, building systems, security, and educational technologies that support today's school buildings, to meet that challenge. We will contribute our breadth of experience to our design collaborations with you.

No area of school operations has been affected by the current pandemic more than food service. We added a fully-disciplined food service facilities analysis, design, and operations consultant to our in-house team, **McFarland Kistler & Associates (MKA)**. They operate independent of affiliation with any manufacturer, supplier, or purveyor. MKA has been in business in Pittsburgh for over 65 years. MKA ranks in the top 10% of all Food Service Consultants in the country, based upon the volume of specified equipment. **MKA and L.R. Kimball have teamed together on 90+ projects including many K-12 Schools.**

L.R. Kimball utilizes project management controls to keep your projects on-schedule and on-budget. We manage projects by managing scope, time, cost, quality, time, communication, and risk. We support our professionals with the latest management technology, like BIM visualization tools, project resource management software, and virtual project office. We provide our clients ongoing access to digital project documents.

We have a passion for school design, a commitment to the State College community, and the breadth of resources to handle any situation that might arise. Thank you for considering the L.R. Kimball design team.

Sincerely,

Gertrude (Trudy) Lindsley, AIA, LEED AP  
Point of Contact & Architect

David Rispoli, PE, PMP  
Director of Architecture and Engineering

Principals: Diane C. Glarrow, AIA Ruchik G. Vyas, AIA Richard E. Genday, PE David A. Rispoli, PE





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## 1.0 QUESTIONNAIRE RESPONSE

## 2.0 PROJECT TEAM

- FIRM PROFILES
- RESUMES

## 3.0 RELEVANT EXPERIENCE





RIC





New Richland Junior/Sr. High School, Johnstown, PA  
designed by L.R. Kimball

# 1.0 QUESTIONNAIRE RESPONSE

**1. "Please provide a 1-page maximum letter stating your interest in this appointment"**

See our one-page cover letter on page 3

**2. "Please identify the primary point of contact for your firm along with their qualifications (this will be the individual who meets most regularly with the district)."**

Trudy Lindsley AIA LEED AP, Primary Point of Contact

L.R. Kimball – State College Office

330 Innovation Blvd., Suite 202

State College, PA 16808

trudy.lindsley@lrkimball.com

Office: 814.325.2619

Ms. Lindsley lives in State College Area School District. Her two children attend Mt. Nittany Middle School. Her resume (found on the next page) describes her qualifications.



## TRUDY LINDSLEY, AIA, LEED AP

### POINT OF CONTACT/PROJECT MANAGER/ARCHITECT



With over 18 years of experience in the architecture/engineering industry, Trudy's demonstrated areas of expertise include architectural design, production, construction documentation, project management and construction administration. She utilizes BIM/Revit and AutoCAD software in the drafting and production of architectural drawings from the schematic design phase through the construction documents phase. Trudy has extensive experience in the creation of renderings of interior and exterior spaces of the project using Revit and Enscape. She is also skilled in the use of Sketch-Up. These project types have encompassed both new construction and renovations to existing facilities.

#### YEARS OF EXPERIENCE

- 18 Years

#### EDUCATION

- Bachelor of Architecture, The Pennsylvania State University, 2003

#### REGISTRATION

- **PA, Registered Architect, 2008**
- NJ, Registered Architect, 2019

A partial list of Trudy's relevant project experience includes:

**Maser Consulting P.A., Toms River Regional Schools, Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs, Toms River, NJ**

**Altoona Area School District, Renovation and Expansion of High School, Altoona, PA\***

**Boyertown Area School District, Boyertown Area High School Renov/Addition, Boyertown, PA\***

**Cheltenham School District, Cheltenham High School Renovation, Wyncote, PA\***

**Forest City Regional School District, Addition and Renovations, Forest City, PA\***

**Northampton Area School District, New Middle School, Northampton, PA\***

**Northwestern Lehigh School District, Northwestern Lehigh High School Renovation/Addition, New Tripoli, PA\***

**Penns Valley School District, High School Renovation/Addition, Spring Mills, PA\***

**Palmerton Area School District, Palmerton Jr. High School Renovation/Addition, Palmerton, PA\***

**Pottsgrove School District, Pottsgrove High School Renovation/Addition, Pottsgrove, PA\***

**Southern Lehigh School District, New Hopewell Elementary School, Center Valley, PA\***

**Tacony Academy Charter School, American Paradigm Schools\***

- Rhawnhurst Campus Renovation/Addition (K-8), Philadelphia, PA \*
- Wissinoming Campus New High School, Philadelphia, PA \*

**Wilson Area School District, High School Media Center Renovation, Easton, PA\***

**Marshall University, Master Plan Options for a New Aviation Program, Flight School, and Housing, Charleston and Huntington, WV**

**Penn State University, State College, PA**

- Multi-Sport Locker Room Study & Renovations
- EE West Science Lab Renovations
- Multi-Sport Netting Replacement
- Academic Projects Curtainwall

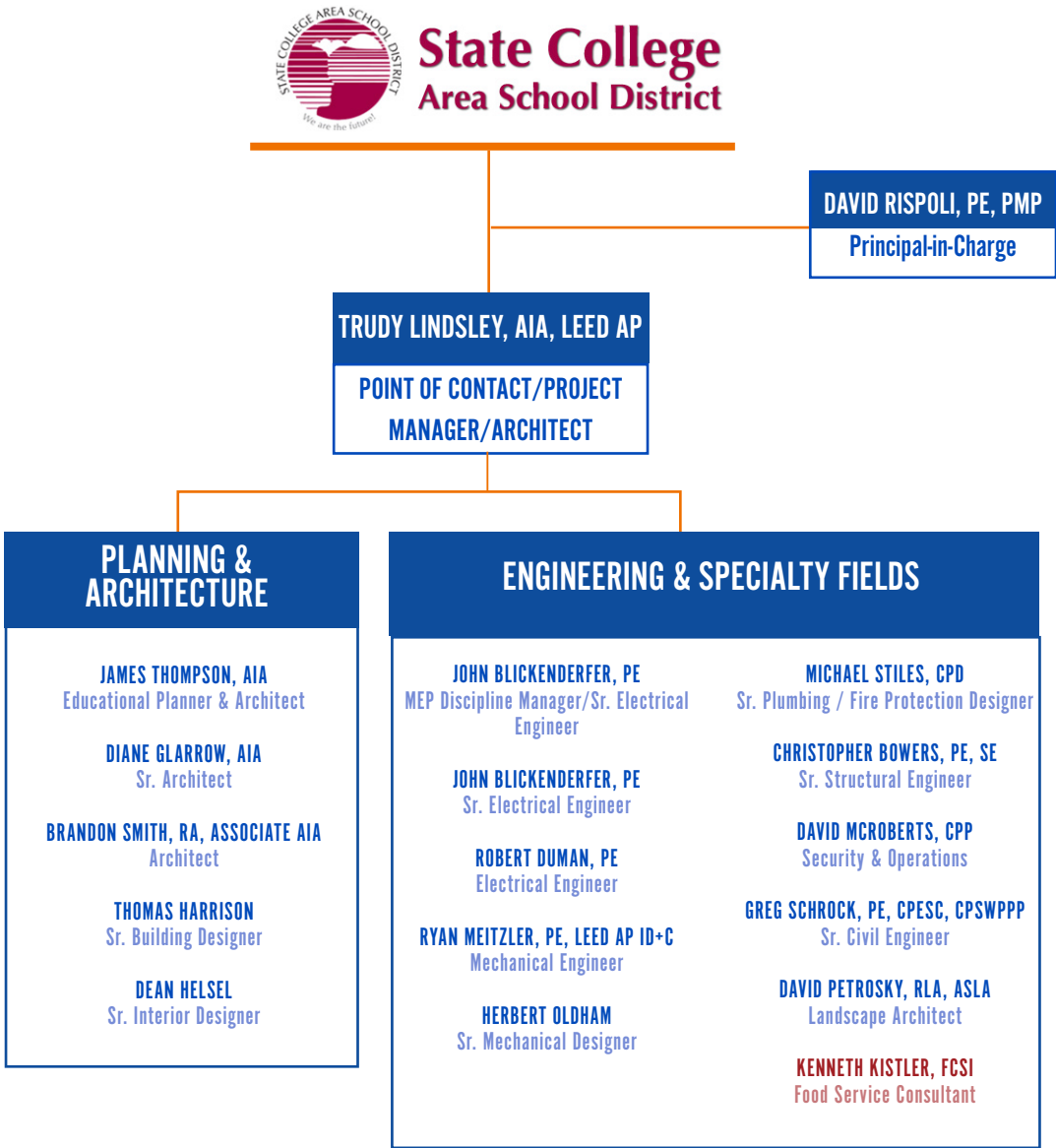
**Sheetz, Inc., Architectural/Engineering Services for Various Stores including: Prototype Stores, New Stores, and Renovations to Existing Stores in PA, MD, NC, OH, VA, and WV**

\*Indicates project experience prior to joining L.R. Kimball



3. "Please identify other staff members and/or consultants who you anticipate will have roles in fulfilling the requirements of this appointment."

Our organization chart illustrates the proposed design team for this State College Area School District Architect for Routine Projects opportunity. We include firm profiles for L.R. Kimball and McFarland Kistler & Associates ([food service consultant]) in [Section 2.0 Project Team](#), as well as resumes for each person identified on this organization chart.



**TEAM KEY**

**L.R. KIMBALL**

**MCFARLAND KISTLER & ASSOCIATES**

4. "Please provide a list of at least 5 representative projects completed within the last 2 years. Include a brief description of the project including the scale of work, the staff involved in delivering the project, the total cost of the project, the final percentage of change orders and the design fee."

4.1 Toms River Regional Schools

Design Complete: March, 2021

25 facilities – totaling 2.6 million SF

Construction Estimated Completion: 2022

Description: L.R. Kimball, together with Colliers Engineering & Design, is providing architectural and site/civil, structural, mechanical, electrical, plumbing, and fire protection engineering services to Toms River Regional Schools. Over 25 facilities (2.6 Million square feet of space) including support buildings and District fields are included in this project.

Staff Involved:

- David Rispoli PE PMP, Principal-in-charge
- Trudy Lindsley AIA LEED AP, Architect
- Diane Glarrow AIA, Architect
- Brandon Smith RA Associate AIA, Architect
- Thomas Harrison, Designer
- Dean Helsel, Interior Designer
- Brad Blickendorfer PE, Electrical Engineer
- John Blickendorfer PE, Electrical Engineer
- Robert Duman PE, Electrical Engineer
- Ryan Meitzler PE LEED AP ID+C, Mechanical Engineer
- Herb Oldman, Mechanical Designer
- Michael Stiles CPD, Plumbing / Fire Protection Designer
- Ken Kistler FCSI, Food Service Consultant

Total project cost: \$142 million

Final percentage of change orders: None as of April, 2021

Design fee: \$4,736,614

4.2 Toms River Regional Schools

Design Complete: March, 2021

Group 2 Building Improvements

Construction Estimated Completion: 2022

Description: L.R. Kimball, together with Colliers Engineering & Design, is providing architectural and site/civil, structural, mechanical, electrical, plumbing, and fire protection engineering services to Toms River Regional Schools. High School North and Intermediate South School are the schools included in this project.

Staff Involved:

- David Rispoli PE PMP, Principal-in-charge
- Trudy Lindsley AIA LEED AP, Architect
- Diane Glarrow AIA, Architect
- Brandon Smith RA Associate AIA, Architect
- Thomas Harrison, Designer
- Dean Helsel, Interior Designer
- Brad Blickendorfer PE, Electrical Engineer
- John Blickendorfer PE, Electrical Engineer
- Robert Duman PE, Electrical Engineer



- Ryan Meitzler PE LEED AP ID+C, Mechanical Engineer
- Herb Oldman, Mechanical Designer
- Michael Stiles CPD, Plumbing / Fire Protection Designer
- Ken Kistler FCSI, Food Service Consultant

Total project cost: \$32,805,014

Final percentage of change orders: None as of April, 2021

Design fee: \$1,560,864

#### **4.3 The Pennsylvania State University**

Complete January, 2021

##### **Multi-sport Facility Locker Room Renovations**

Description: L.R. Kimball prepared a study of the Training Center of the Multi-sport Facility. Penn State selected L.R. Kimball to design renovations of locker rooms (1,800 SF) for men and women.

##### **Staff Involved:**

- David Rispoli PE PMP, Principal-in-charge
- Trudy Lindsley AIA LEED AP, Architect
- Diane Glarrow AIA, Architect
- Dean Helsel, Interior Designer
- John Blickendorfer PE, Electrical Engineer
- Ryan Meitzler PE LEED AP ID+C, Mechanical Engineer
- Michael Stiles CPD, Plumbing / Fire Protection Designer

Total project cost: \$231,000

Final percentage of change orders: 4.8%

Design fee: \$49,900

#### **4.4 The Pennsylvania State University**

Estimated Completion: June, 2021

##### **EE West Lab Renovations**

Description: Demolition, subdivision, and renovation of Lab #6 (1,167 SF) for faculty research. The scope of construction included hazardous materials abatement, new interior finishes, mechanical/electrical system replacement, and new science casework.

##### **Staff Involved:**

- David Rispoli PE PMP, Principal-in-charge
- Trudy Lindsley AIA LEED AP, Architect
- Diane Glarrow AIA, Architect
- Dean Helsel, Interior Designer
- John Blickendorfer PE, Electrical Engineer
- Ryan Meitzler PE LEED AP ID+C, Mechanical Engineer
- Michael Stiles CPD, Plumbing / Fire Protection Designer

Total project cost: \$184,875

Final percentage of change orders: 2.7%

Design fee: \$ 19,750

#### 4.5 Sheetz Corporation

Complete 2018

##### New Operations & Training Center

Description: This project involved the design of corporate offices and collaborative training spaces, including commercial training kitchens. The four-story, 115,000 SF office is located on the Sheetz corporate campus in Claysburg, Pennsylvania.

##### Staff Involved:

- David Rispoli PE PMP, Principal-in-charge
- Diane Glarrow AIA, Architect
- Brad Blickendorfer PE, Electrical Engineer
- John Blickendorfer PE, Electrical Engineer
- Christopher Bowers PE, SE, Structural Engineer
- Ken Kistler FCSI, Food Service Consultant

Total project cost: \$28,022,607

Final percentage of change orders: 1.8%

Design fee: \$ 1,436,696

#### 4.6 Sheetz Corporation

Complete February, 2021

##### #339 State College, PA Store

Description: Architectural, mechanical, plumbing, and electrical design services to develop a 6,077 SF Prototype store.

##### Staff Involved:

- David Rispoli PE PMP, Principal-in-charge
- Trudy Lindsley AIA LEED AP, Architect
- Diane Glarrow AIA, Architect
- Brandon Smith RA Associate AIA, Architect
- Christopher Bowers PE, SE, Structural Engineer
- Brad Blickendorfer PE, Electrical Engineer
- John Blickendorfer PE, Electrical Engineer
- Michael Stiles CPD, Plumbing / Fire Protection Designer

Total project cost: Not Disclosed from Owner

Final percentage of change orders: Not Disclosed from Owner

Design fee: \$88,100



5. "Please provide a list of 3 to 5 recent references."

**Toms River Regional Schools**

Mark B. Wagner, Facilities Director  
Phone: 732.244.1181  
mbwagner@trschoools.com

**The Pennsylvania State University**

Design and Construction Division  
Marvin S. Bevan Jr PE RA, Project Manager  
Phone: 814.865.3474  
mxb61@psu.edu

**Sheetz Corporation**

Ken Gardner, Senior Project Manager  
Phone: 814.239.1403  
kgardner@sheetz.com

**Atlantic City School District**

Kurt Austin, Facilities Manager  
Phone: 609-343-7200



Altoona Area School District, New Junior High School, Altoona, PA  
designed by L.R. Kimball

# 2.0 PROJECT TEAM





**L.R. Kimball**

**Firm:**

CDI Architects Group LLC dba L.R.  
Kimball - Architecture and Engineering  
330 Innovation Blvd., Suite 202  
State College, PA 16803  
Office: 814.325.2619  
Fax: 814.867.4572  
Website: [www.lrkimball.com](http://www.lrkimball.com)

**Contact:**

Trudy Lindsley, RA, LEED AP  
Point of Contact/Project Architect  
330 Innovation Blvd., Suite 202  
State College, PA 16803  
Office: 814.325.2619  
E-Mail: [trudy.lindsley@lrkimball.com](mailto:trudy.lindsley@lrkimball.com)

## ABOUT OUR TEAM

"L.R. Kimball Team DNA - we were BUILT for this project"  
- David Rispoli, PE, PMP  
Director of Architecture & Engineering

## FULL SERVICE PLANNING & DESIGN



Master Planning



Site Planning

**68 YEARS**  
IN BUSINESS

**450+** K-12 SCHOOL  
FACILITY PROJECTS

**30** PROJECTS COMPLETED FOR  
STATE COLLEGE AREA SCHOOL  
DISTRICT FROM 2004-2007

**80+** SCHOOL DISTRICTS  
ACROSS 8 U.S. STATES

**140+** PROJECTS IN STATE  
COLLEGE OVER THE PAST  
31 YEARS

## WHY CHOOSE THE L.R. KIMBALL TEAM?

**Local, full-service architectural  
and engineering design team**

**National & international  
K-12 planning & design experience**



With over 40 years of experience specializing in the field of Architecture for Education, we have completed hundreds of educational projects at over 100 education institutions. These projects range from \$100,000 repair projects to mechanical and electrical system replacements, feasibility studies, and strategic planning studies to major multi-million-dollar educational facilities including academic and classroom buildings, convocation centers, performing arts centers, student residences, libraries, technology buildings, science labs, recreational facilities, administration buildings, and dining facilities. Our project experience includes renovations and retrofits, expansions, adaptive reuse, demolition consulting, and new construction for K-12, college, university, and technical training facilities.



Architecture



Engineering



Demolition

R  
SCHOOL  
ST

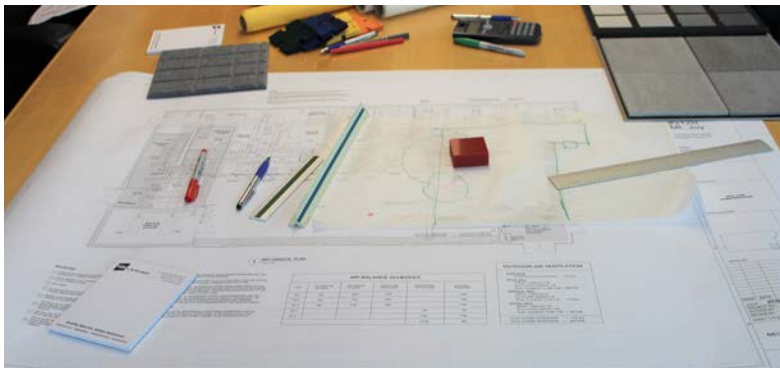
**4.7 MILLION**  
SQUARE FEET OF  
SCHOOL PROJECTS DESIGNED

**2 MILLION** SQUARE FEET  
AND OVER  
**\$325 MILLION**  
IN CONSTRUCTION VALUE OF  
LEED CERTIFIED PROJECTS



One of the First LEED  
Gold Certified K-12  
Schools in the Country

**PLANCON experts &  
Energy savings improvement experience**



**Experience working with multiple  
stakeholders to find the best solution /  
charettes**





**Company Name:** CDI Architects Group, LLC dba L.R. Kimball  
Architecture and Engineering (L.R. Kimball)

**Mailing Address:** 330 Innovation Boulevard, Suite 202  
State College, PA 16803

**Primary Contact & Title:**  
Trudy Lindsley, AIA, LEED AP  
Project Manager & Project Architect

**Phone:** 814.867.7566

**Website:** [www.lrkimball.com](http://www.lrkimball.com)

**Type of Organization:** Full-Service Architecture &  
Engineering Design Firm

**Staff Size:** 162 (Architects, Engineers and Support Staff)

#### Corporate Structure, Overview & History:

Founded in 1953, L.R. Kimball is recognized as one of the nation's leading professional service companies offering architecture and engineering design services to a diverse range of public and private-sector clients.

With offices in PA, WV, TX, and LA, we employ over 150 architects, engineers, designers, and support staff. Our clients benefit from our deep bench of talented professionals and effective quality control procedures that result in award winning, timely, cost-efficient projects.

Embracing a "one team" attitude that facilitates a multi-disciplinary, holistic approach to design and project delivery, the firm's portfolio encompasses an array of project types, from feasibility and condition studies and master plans to minor and major renovations, as well as retrofitting, expansion, adaptive reuse, and new construction.

With over six decades of leadership, we partner with the organizations that make modern living possible, from the leading providers of energy and critical raw materials, to the finest educational institutions, and to the government agencies serving our communities.

The following pages include L.R. Kimball's full list of services, and additional information regarding our Educational sector experience.

#### PlanCon Expertise:

Jim Thompson brings 34 years of experience with expertise in educational facility planning and school design architecture. He also has extensive experience with the PlanCon process and LEED Certification and has completed seven PlanCon reimbursed projects (including four in the Pittsburgh region). In addition, the majority of our firm's K-12 experience has involved PlanCon.





**Architecture  
& Engineering**



**Architecture**

- Master Planning
- Urban Design
- Building Design
- Interior Design
- Sustainable Design
- Facility Assessments

**Facilities Engineering**

- Mechanical
- Electrical
- Structural
- Fire Protection

---

**Civil  
Engineering**



- Stormwater Facilities
- Wastewater Engineering
- Brownfield Development
- Dams & Waterways
- Erosion Control

- Solid Waste Consulting
- Demolition Consulting
- Land Development
- Railroad Sidings
- Water Resources

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**Highways, Bridges,  
Environmental  
& Traffic**

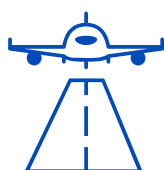


- Bridge & Structure Design
- Bridge Safety Inspection
- Highway Design
- Traffic Engineering & Design

- Construction Inspection & Management
- Environmental Compliance & Permitting
- Geoscience Support Services (Drilling & Surveying / Mapping)

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**Aviation**



- Design
- Management
- Operations
- Master Planning
- Business Planning
- NEPA / Environmental / Wildlife Hazard Assessment

- Airfield Obstruction Analysis
- Airfield & Landside Design
- Navigational Aid Coordination
- Hangar Building Design
- Construction Management / Inspection

---

**Geosciences**



**Geotechnical**

- Stockpile
- Drilling
- Material Testing

**Geospatial**

- Survey
- Mapping
- Photogrammetry



## McFARLAND KISTLER & ASSOCIATES - FOOD SERVICE CONSULTANT

The firm of McFarland Kistler & Associates, Inc., Food Service and Laundry Consultants was established in 1955 as James McFarland, with an office in Ingram, Pennsylvania.

In 1964, the firm became known as James McFarland & Associates and incorporated in 1981. The firm relocated to Pines Plaza, 1130 Perry Highway, Suite 115, Pittsburgh, Pennsylvania, in 1992. On September 1, 2000, the firm became known as McFarland Kistler & Associates, Inc.

James Kerr McFarland graduated from the University of Pittsburgh, Class of 1953, and founded the firm. Mr. McFarland retired in 1985.

James Keith McFarland, graduate of Muskingum College, Class of 1971, became President in 1985, CEO in 2000, retired in February 2014.

Kenneth M. Kistler graduated from La Roche College, Class of 1987, and became Vice President in 1993, President in 2000, and CEO/President in 2014.

McFarland Kistler & Associates, Inc. specializes in institutional and commercial food service programming, planning and designing. Our services include preliminary meetings with interested parties, schematic designs, and space analysis, final working drawings and specifications, and supervision during the construction phase.

- **Office Address:** Pines Plaza, 1130 Perry Highway, Suite 115, Pittsburgh, PA 15237
- **Officers:** President / CEO - Kenneth M. Kistler, FCSI, Secretary/Treasurer – Amy C. Kistler
- **Staff:** 2 Principals, 1 Associate/Senior Designer; 2 Designers/CADD Technicians, 1 Administrative Assistant
- **Telephone:** (412) 367-1905 or 367-7605; **Fax:** (412) 367-4487
- **E-mail:** kkistler-mka@comcast.net

McFarland Kistler & Associates, Inc. (MKA) is a fully disciplined food service facilities analysis, design and operations firm, independent of affiliation with any manufacturer, supplier or purveyor. Our experience and skills are well suited for any food service project. We have been in business for over 65 years and are currently ranked in the top 10% of all Food Service Consultants in the country, based upon the volume of specified equipment.

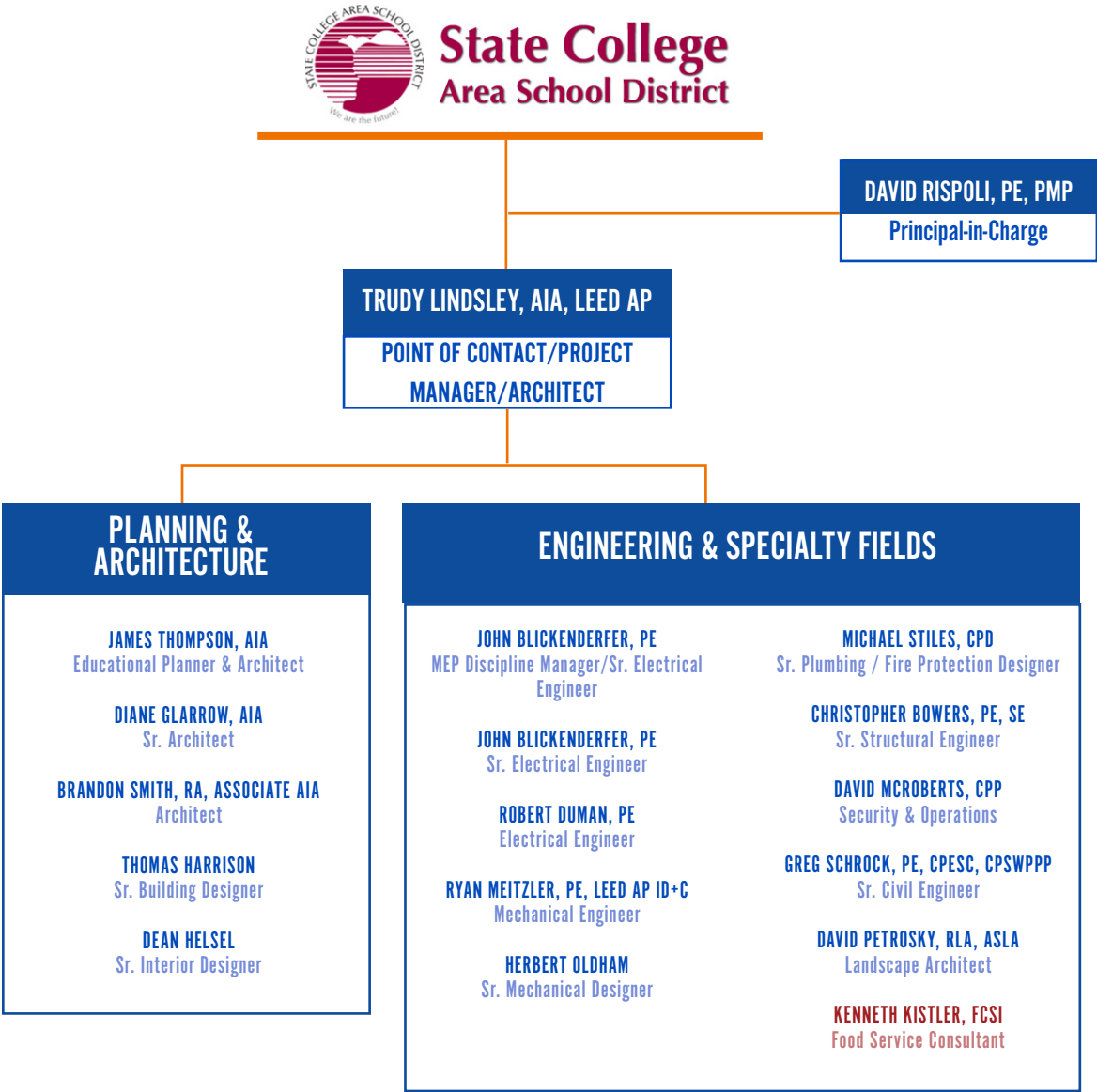
### Firm Description

- We have ample staff and complete office facilities to perform services to suit defined project schedules. We have proven capabilities in completing complex projects on restricted time schedules when required.
- Our corporate headquarters are located in Pittsburgh, PA.
- We are available for meetings on short notice, as travel is an everyday part of our routine. We have consulted on a wide array of educational projects, from coast to coast.
- Our reputation has been built on personalized service regardless of the magnitude of the project.
- The completeness and accuracy of our contract documents have virtually eliminated food service related change orders (averaging less than one-tenth of one percent of the food service contract amount).
- Our expertise and experience afford us the opportunity to develop the most efficient, cost-effective design possible in attaining the Owner's goals and objectives.

A sampling of the projects on which we have participated include schools, colleges, universities, vocational/technical facilities, church facilities, hotels/resorts, stadiums, convention centers, hospitals, nursing homes, institutions, prisons, clubs, office buildings, restaurants and employees' cafeterias.



# Organization Chart & Resumes



## TEAM KEY

L.R. KIMBALL

MCFARLAND KISTLER & ASSOCIATES





## DAVID RISPOLI, PE, PMP

### PRINCIPAL-IN-CHARGE



David brings 35 years of experience and expertise in all phases of architecture, engineering, and construction management. Specific responsibilities have included operations; staff supervision; business development; coordination among the architectural, structural, civil, mechanical, and electrical disciplines; project management; budget control; direct client contact; and coordination between field and office during construction. David has managed and supervised a variety of project types including educational, public safety, municipal, judicial, correctional, healthcare, conference/office, commercial, manufacturing, and transportation facilities. A partial listing of David's relevant project experience includes:

#### YEARS OF EXPERIENCE

- 35 Years

#### EDUCATION

- Associate, Architectural Engineering, The Pennsylvania State University, 1983
- BS, Const. Mgmt. and Struc. Eng., The Pennsylvania State University, 1985

#### REGISTRATIONS/ CERTIFICATIONS

- **PA, Professional Engineer, 1997**
- Registered Professional Engineer in 8 Additional States
- Project Management Professional
- NCEES Certified

#### AFFILIATIONS

- American Institute of Architects, Associate Member
- American Society of Civil Engineers
- National Society of Professional Engineers
- Project Management Institute

#### State College Area School District, State College, PA

- Boalsburg Elementary School Front Facade Brick Replacement
- Boalsburg Elementary School Partial Roof Replacement
- High School Track Building (CD-CA)
- Track Resurfacing at the High School South Building
- Lemont Elementary School Boiler and Pump Replacement
- Maintenance Storage Building Feasibility Study
- Memorial Field Master Plan Study
- Memorial Field Bleacher Upgrades
- 2006 Memorial Field Precursory Bleacher Assessment
- 2005 Memorial Field Precursory Bleacher Assessment
- Panorama Village Elementary School Partial Roof Replacement
- Park Forest Middle School Gymnasium Upgrades
- Park Forest Middle School Science Lab Upgrades
- Park Forest Middle School Tennis Court Reconstruction
- Renovation of Science Rooms and Art Rooms at Park Forest Middle School
- Radio Park Elementary School Modular Classroom Installation (Phase II)
- Radio Park Elementary School Partial Roof Replacement

#### Maser Consulting P.A., Toms River Regional Schools, Toms River, NJ

- Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs
- Energy Savings Improvement Projects

#### Altoona Area School District, Altoona, PA

- Baker Elementary School Roof Replacement
- Baker Elementary School HVAC Upgrades
- Juniata Elementary School Wardrobes
- High School Black Box Theater (Phase II)
- Mansion Park Paving and Curbing

#### Bellwood-Antis School District, Bellwood, PA

- Middle School/High School Domestic Hot Water System Replacement
- Varsity Baseball Field Bleacher Assessment/Repair

#### Brownsville Area School District, New Elementary School, Brownsville, PA

#### Central Cambria School District, Ebensburg, PA

- Middle School Addition and Alterations to the Central Cambria High School
- Jackson Elementary School Toilet Room Upgrades

#### Conemaugh Township Area School District, Davidsville, PA

- Elementary School Additions/Alterations
- High School Additions/Alterations

#### Conneaut School District, Linesville, PA

- Parking Lots and Soccer Fields
- Card Access and Video Surveillance Systems
- Life Skills Renovations at Conneaut Lake Elementary School



## TRUDY LINDSLEY, AIA, LEED AP

### POINT OF CONTACT/PROJECT MANAGER/ARCHITECT



With over 18 years of experience in the architecture/engineering industry, Trudy's demonstrated areas of expertise include architectural design, production, construction documentation, project management and construction administration. She utilizes BIM/Revit and AutoCAD software in the drafting and production of architectural drawings from the schematic design phase through the construction documents phase. Trudy has extensive experience in the creation of renderings of interior and exterior spaces of the project using Revit and Enscape. She is also skilled in the use of Sketch-Up. These project types have encompassed both new construction and renovations to existing facilities.

#### YEARS OF EXPERIENCE

- 18 Years

#### EDUCATION

- Bachelor of Architecture, The Pennsylvania State University, 2003

#### REGISTRATION

- **PA, Registered Architect, 2008**
- NJ, Registered Architect, 2019

A partial list of Trudy's relevant project experience includes:

**Maser Consulting P.A., Toms River Regional Schools, Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs, Toms River, NJ**

**Altoona Area School District, Renovation and Expansion of High School, Altoona, PA\***

**Boyertown Area School District, Boyertown Area High School Renov/Addition, Boyertown, PA\***

**Cheltenham School District, Cheltenham High School Renovation, Wyncote, PA\***

**Forest City Regional School District, Addition and Renovations, Forest City, PA\***

**Northampton Area School District, New Middle School, Northampton, PA\***

**Northwestern Lehigh School District, Northwestern Lehigh High School Renovation/Addition, New Tripoli, PA\***

**Penns Valley School District, High School Renovation/Addition, Spring Mills, PA\***

**Palmerton Area School District, Palmerton Jr. High School Renovation/Addition, Palmerton, PA\***

**Pottsgrove School District, Pottsgrove High School Renovation/Addition, Pottsgrove, PA\***

**Southern Lehigh School District, New Hopewell Elementary School, Center Valley, PA\***

**Tacony Academy Charter School, American Paradigm Schools\***

- Rhawnhurst Campus Renovation/Addition (K-8), Philadelphia, PA \*
- Wissinoming Campus New High School, Philadelphia, PA \*

**Wilson Area School District, High School Media Center Renovation, Easton, PA\***

**Marshall University, Master Plan Options for a New Aviation Program, Flight School, and Housing, Charleston and Huntington, WV**

**Penn State University, State College, PA**

- Multi-Sport Locker Room Study & Renovations
- EE West Science Lab Renovations
- Multi-Sport Netting Replacement
- Academic Projects Curtainwall

**Sheetz, Inc., Architectural/Engineering Services for Various Stores including: Prototype Stores, New Stores, and Renovations to Existing Stores in PA, MD, NC, OH, VA, and WV**

\*Indicates project experience prior to joining L.R. Kimball



## JAMES R. THOMPSON, AIA

### EDUCATIONAL FACILITY PLANNER & ARCHITECT



Jim brings 34 years of experience with expertise in educational facility planning and school design architecture. Specific responsibilities have included direct client contact; community consensus-building; district wide planning; school design; and project management for budget, schedule, and quality control.

Jim's relevant project experience includes 31 district wide planning projects and 100 public and private school designs. Seven of his projects received PlanCon reimbursement and six projects achieved LEED certification. In 2018 and 2019, Jim provided PlanCon consulting services for the Pennsylvania Department of Education, including participation in **Public School Building Construction and Reconstruction Advisory Committee** meetings.

#### YEARS OF EXPERIENCE

- 34 Years

#### EDUCATION

- B.S. Art and Design, Massachusetts Institute of Technology, 1979
- Master of Architecture, Carnegie Mellon University, 1986

#### REGISTRATIONS/ CERTIFICATIONS

- **PA, Registered Architect, 1987**
- MD, Registered Architect, 2008
- National Council of Architectural Registration Boards - (NCARB) Certified

#### AFFILIATIONS

- American Institute of Architects Central PA Chapter – past President
- Pennsylvania School Boards Association (2012 – present)
- National School Boards Association – Federal Relations Network
- NAACP
- Association for Learning Environments

#### COMMUNITY

- Harrisburg City School Board - President
- DePaul School for Hearing and Speech – past President
- Mt. Lebanon Extended Day Program – Board of Directors
- Mt. Lebanon Municipal Planning Board – past Chair

#### District-Wide Projects in Pennsylvania

- Tuscarora School District\*
- Millersburg and Upper Dauphin Area School Districts (Merger Study)\*
- Methacton School District\*
- Daniel Boone Area School District\*
- Pottsville and Saint Clair Area School Districts (Merger Study)\*
- Easton Area School District
- School District of Cheltenham Township\*
- School District of Springfield Township\*
- Marple Newtown School District\*
- Upper St. Clair School District\*
- South Park School District\*
- State College Area School District\*
- Upper Adams School District\*
- Wilkes Barre Area School District\*
- North Pocono School District\*
- Millersburg and Halifax Area School Districts\* (Merger Study)

#### School Design Projects in Pennsylvania

##### Armstrong School District, Ford City, PA\*

- New West Hills 4 to 6 Intermediate School (PlanCon)
- West Hills K to 3 Primary School adds and alts (PlanCon)

##### Derry Twp. School District, Hershey, PA\*

- Early Childhood Center adds and alts
- Hershey Elementary School adds and alts
- K to 12 Campus Masterplan
- Hershey High School athletic fields

##### School District of Springfield Township, Oreland, PA\*

- New Erdenheim Elementary School (PlanCon, LEED Gold)
- Springfield Twp. Middle School adds and alts (PlanCon, LEED Gold)

##### School District of Cheltenham Township, Elkins Park, PA\*

- Benjamin Myers Elementary School adds and alts (PlanCon, LEED Gold)
- Modular Myers Elementary School – off-site modular construction

##### Susquehanna Twp. School District, Susquehanna Township, PA\*

- Susquehanna Township High School adds and alts
- Susquehanna Township Middle School adds and alts

##### Upper Adams School District\*, Biglerville, PA\*

- Biglerville Elementary School adds and alts

##### Upper St. Clair School District\*, Upper St. Clair, PA

- Upper St. Clair High School adds and alts (PlanCon)

##### South Park School District\*, Library, PA

- New South Park Elementary School (PlanCon)

\*Indicates project experience prior to joining L.R. Kimball





## DIANE GLARROW, AIA

### SENIOR ARCHITECT



Diane brings sure and certain knowledge and over 40 years of experience to every project she is involved with. Diane has extensive expertise in the design of new and renovated educational facilities. Diane's relevant project experience includes:

#### **Maser Consulting P.A., Toms River Regional Schools, Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs, Toms River, NJ**

##### **Armstrong School District, Kittanning, PA**

- New Junior/Senior High School
- Elderton K-12 School Additions/Alterations (Schematic Design through Construction Documents)
- Ford City Junior/Senior High School Renovations (Schematic Design through Construction Documents)
- Permit Drawings for Proposed District Administration Office Relocation to West Hills Primary School
- West Shamokin High School Football Field Drainage

##### **Blairsville-Saltsburg School District, Saltsburg, PA**

- Miscellaneous K-12 Upgrades
- Saltsburg K-12 Campus Track/Stadium Renovations
- Blairsville Elementary School Lighting Replacement

##### **Central Cambria School District, Ebensburg, PA**

- Middle School Addition and Alterations to Central Cambria High School
- Multi-Purpose Room Addition to Jackson Elementary School

##### **Conneaut School District, Linesville, PA**

- Consolidated Revisions at Various Schools
- Linesville Stadium Upgrades

##### **Danville Area School District, Middle School Flood Restoration and Repair, Danville, PA**

##### **French American School, Master Plan and Site Assessment, Princeton, NJ**

##### **Plum Borough School District, New Pivik Elementary School, Plum, PA**

##### **Portage Area School District, Elementary School Renovations, Portage, PA**

##### **Richland School District, Johnstown, PA**

- New Junior/Senior High School
- Artificial Turf Installation at F. W. Herlinger Field
- Elementary School Direct Digital Control System
- Boiler Relocation

##### **Wilkinsburg Borough School District, Wilkinsburg, PA**

- Turner Elementary School Boiler Replacement
- Replacement of Walk-in Refrigerator and Freezers at Kelly Elementary School and Wilkinsburg Jr./Sr. High School

##### **Sheetz, Inc.,**

- New Operations & Training Facility, Claysburg, PA
- Architectural/Engineering Services for Various Stores including: Prototype Stores, New Stores, and Renovations to Existing Stores in PA, MD, NC, OH, VA, and WV

### YEARS OF EXPERIENCE

- 40 Years

### EDUCATION

- B.S. Architecture, The Pennsylvania State University, 1980

### REGISTRATIONS/ CERTIFICATIONS

- **PA, Registered Architect, 1988**
- Registered Architect in Six Additional States

### AFFILIATION

- American Institute of Architects



## BRANDON SMITH, RA, ASSOC. AIA ARCHITECT



Brandon is an Architect with nearly 5 years of experience including facility assessment surveys, preparation of construction drawings and performing interior and exterior rendering services. He has experience includes programs such as AutoCAD, Revit, SketchUp and Enscape. His project experience includes education, government, aviation, and transportation facilities, as well as religion, small commercial, and urban housing (multifamily).

Brandon's relevant project experience includes:

### YEARS OF EXPERIENCE

- 4 Years

### EDUCATION / CERTIFICATION

- Master of Architecture, University of Colorado, Denver, 2018
- Bachelor of Environmental Science, Environmental Design, Minor in Art and Architectural History, Texas A&M University, 2014
- Design/Build Certificate
- Study Abroad - Castiglion Fiorentino, Italy

### REGISTRATION

- **PA, Registered Architect, 2020**

### HONORS

- Confluence Hall - AIA Utah Honor Award - Fall 2017 (Design-Build)
- The Hops Hangar - 1st for Best Project People's Choice - Spring 2018
- The Hops Hangar - 2nd for Best Project Juries Choice - Spring 2018

### PUBLICATIONS

- Confluence Hall - Best Student Built Projects Worldwide 2017 - Archdaily.com
- Confluence Hall - Dezeen.com - Spring 2018 (Design-Build)

**Maser Consulting**, Toms River Regional Schools, Design Implementation across 25+Buildings, Toms River, NJ

- Upgrades to Elementary Schools: Beachwood; Cedar Grove; East Dover, Hooper Avenue, North Dover, Pine Beach, Silver Bay, South Toms River, Walnut Street, Washington Street, J. Citta, and West Dover
- Upgrades to High Schools: East, North, South, Intermediate East, Intermediate North, and Intermediate South,

**Maser Consulting**, Federal Aviation Administration, Various Projects Under an Open End Contract, Egg Harbor, NJ

- Window Replacement
- Building 300 AHU 2 and 3 Replacement

**Sheetz, Inc.**

- Architectural design services for various stores in Pennsylvania and Virginia



## THOMAS HARRISON

### SENIOR BUILDING DESIGNER



Tom brings over 33 years experience in architectural design, production, and construction documentation, and construction administration of buildings for a variety of project types. Tom also utilizes AutoCAD and Revit Software in the drafting and production of architectural drawings from the schematic design phase through construction documents. Tom has experience in the design of educational, public safety, commercial, correctional, judicial, municipal, residential, and recreational facilities. These project types encompass both new construction and renovations. A partial list of Tom's relevant experience includes:

#### YEARS OF EXPERIENCE

- 33 Years

#### EDUCATION

- Associate, Architectural Engineering, The Pennsylvania State University, 1987

#### State College Area School District, State College, PA

- Design Services for High School Additions/Renovations

#### Maser Consulting P.A., Toms River Regional Schools, Toms River, NJ

- Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs
- Energy Savings Improvement Projects

#### Altoona Area School District, Altoona, PA

- Baker Elementary School Roof Replacement
- Juniata Elementary School Wardrobes
- Juniata Gap Elementary School Roof Replacement
- Junior High School
- Pleasant Valley Elementary School
- Advanced Science Technology Research Academy (ASTRA) Classroom
- Demolition of Roosevelt Junior High School
- Fire Alarm System Upgrades
- High School Black Box Theater (Phase I)
- High School Fieldhouse Dividing Doors
- Keith Junior High School Exterior Door Replacement
- Stevens' Building Restroom Renovations
- High School Building C Roof Parapet Wall Repairs
- High School Auditorium Stage Lighting Upgrade

#### Blairsville-Saltsburg School District, Saltsburg Middle-High School Renovations/Saltsburg Elementary School Addition, Saltsburg, PA

#### Central Cambria School District, Ebensburg, PA

- Cambria Elementary School Renovations/Additions
- High School Renovations/Additions

#### Huntingdon Area School District, Huntingdon, PA

- Southside Elementary School
- Brady-Henderson Mill Creek Elementary School Additions/ Alterations
- Jackson-Miller Elementary School Additions/Alterations

#### Meyersdale Area School District, Renovations/Additions to Elementary, Middle, and High Schools, Meyersdale, PA

#### Richland School District, Junior/Senior High School, Johnstown, PA

#### School District of Philadelphia, Samuel Fels High School, Philadelphia, PA

#### Susquehanna Township School District, Harrisburg, PA

- Susquehanna Township High School Renovations/ Upgrades
- Susquehanna Township Middle School Renovations/ Upgrades
- High School Science Room Renovations
- Herbert Hoover Elementary School HVAC Upgrades
- Roof Replacement at Progress Elementary School and Anna L. Carter Kindergarten Center





## DEAN HELSEL

### SENIOR INTERIOR DESIGNER



With over 34 years of experience in the architectural field, Dean has experienced first-hand the “technological evolution” of CADD. Dean uses his depth of experience in BIM systems as a tool for producing architectural/interior design details. Using Revit and Lumion technology, Dean creates 3D finish schedules and digital color boards to bring our clients’ projects to life.

Dean has worked on various building types throughout his career including educational, commercial, industrial, sports, healthcare, public safety, judicial, governmental, correctional, and residential facilities.

#### YEARS OF EXPERIENCE

- 34 Years

#### EDUCATION

- Associate, Interior Design, The Art Institute of Pittsburgh, 1987

Dean’s relevant project experience includes:

##### Maser Consulting P.A., Toms River Regional Schools, Toms River, NJ

- Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs
- Energy Savings Improvement Projects

##### Altoona Area School District, Altoona, PA

- New Pleasant Valley Elementary School
- Advanced Science Technology Research Academy (ASTRA) Classroom

##### Armstrong School District, New Junior-Senior High School, Kittanning, PA

##### Brownsville Area School District, New Elementary School, Brownsville, PA

##### East Orange Public Schools, East Orange, NJ

- Hart Middle School Renovations/Additions

##### Huntingdon Area School District, Huntingdon, PA

- New Southside Elementary School
- New Standing Stone Elementary School

##### Meyersdale Area School District, Meyersdale, PA

- Renovations/Additions to Elementary, Middle, and High Schools

##### Port Allegany School District, Port Allegany, PA

- Junior/Senior High School Additions/Alterations

##### School District of Philadelphia, Philadelphia, PA

- New Samuel Fels High School

##### Lebanon Valley College, Annville, PA

- Heilman Gymnasium Addition

##### Mount Aloysius College, Cresson, PA

- New Convocation Center
- New Library

##### The Pennsylvania State University, University Park, PA

- New Engineering Research Center
- Indoor Tennis Building Study

##### West Chester University of Pennsylvania, West Chester, PA

- 3-D Student Housing Animation

Sheetz, Inc., Architectural/Engineering Services for Various Stores including: Prototype Stores, New Stores, and Renovations to Existing Stores in PA, MD, NC, OH, VA, and WV



## BRAD BLICKENDERFER, PE

MEP DISCIPLINE MANAGER / ELECTRICAL ENGINEER



Brad has 23 years of experience in the design of electrical, lighting, telecommunications, and security systems for various types of projects including a variety of local, county, state, and federal government facilities. Brad's experience includes K-12 and higher educational facilities, hospitals, office buildings, institutional and other commercial and industrial facilities.

As MEP Discipline Manager, Brad is responsible for managing the overall MEP design and documentation to ensure that the design conforms with your project needs and that standards are met within the framework of established quality control/quality assurance guidelines.

### YEARS OF EXPERIENCE

- 23 Years

### EDUCATION

- Bachelor of Science, Electrical Engineering, University of Pittsburgh at Johnstown, 1999

### REGISTRATIONS/ CERTIFICATIONS

- **PA, Professional Engineer, 2006**
- Professional Engineer in Seven Additional States

### AFFILIATIONS

- Institute of Electrical and Electronics Engineers

#### Maser Consulting P.A., Toms River Regional Schools, Toms River, NJ

- Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs
- Energy Savings Improvement Projects

#### Conneaut School District, Consolidated Revisions at Various Schools, Linesville, PA

#### Armstrong School District, New Stadium & Athletic Fields, Kittanning, PA

#### Bellwood-Antis School District, Middle School/High School Domestic Hot Water System Replacement, Bellwood, PA

#### Brownsville Area School District, New Elementary School, Brownsville, PA

#### Chartiers-Houston School District, Houston, PA\*

- Allison Park Elementary School – Complete Renovation of Existing Building

#### Chartiers Valley School District, Pittsburgh, PA\*

- Chartiers Valley High School – Renovations to Existing Administration Area and Cafeteria

#### Danville Area School District, Danville, PA

- Middle School Flood Restoration and Repair
- Danville Middle School – New Power Distribution, Mechanical Power Design, Life Safety Systems, Auditorium Lighting, and Sound Systems\*

#### Derry Area School District, Derry, PA\*

- Grandview Elementary School – Complete Renovation of Existing Building and New Classroom Addition

#### East Allegheny School District, North Versailles, PA\*

- Logan Middle School – Complete Electrical Design for New Building

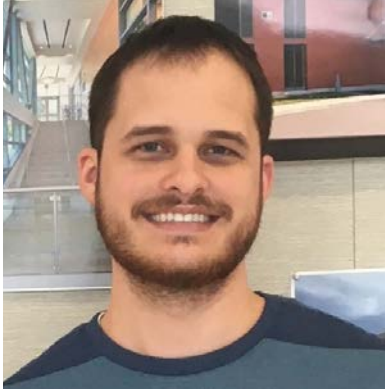
#### New Jersey Schools Development Authority

- Engineering Services Associated with the Proposed Expansion of the Paul Robeson Community Elementary School, New Brunswick, NJ

#### Wilkinsburg Borough School District, Wilkinsburg, PA

- Middle School/High School Mechanical System Upgrades and Handicap Accessibility and Restroom Improvements

\*Indicates project experience prior to joining L.R. Kimball



## JOHN BLICKENDERFER, PE

### SENIOR ELECTRICAL ENGINEER



John has 14 years of experience as an Electrical Engineer on a wide variety of project types, including over 15 K-12 facilities. John is responsible for the design of various electrical systems including power distribution, fire alarm, CATV, telecommunications, lighting, A/V, and security systems; site surveys and evaluations of existing electrical systems; preparation of cost estimates and electrical specifications; coordination of design documents with utility companies and the architectural and other engineering disciplines; ensuring compliance with the NEC, IBC, NFPA, and all other applicable building codes; and construction administration activities.

John's relevant project experience includes:

#### YEARS OF EXPERIENCE

- 14 Years

#### EDUCATION

- Bachelor of Science, Electrical Engineering Technology (Minor in Mathematics), University of Pittsburgh at Johnstown, 2009

#### REGISTRATION

- PA, Registered Engineer, 2015

#### Maser Consulting P.A.

- Toms River Regional Schools, Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs, Toms River, NJ
- Mechanical and electrical engineering design services for a variety of projects for the Federal Aviation Administration, Atlantic City, NJ

Plum Borough School District, New Regency Park Elementary School, Plum, PA

Renovations/New Construction to 9 Buildings Across Two Campuses, Rowan College at Burlington County, Mount Holly and Mount Laurel, NJ

A.W. Beattie Career Center, Allison Park, PA\*

Apollo-Ridge School District, Owens Field Stadium Complex, Apollo, PA\*

Bradford Area School District, Bradford, PA\*

- Bradford Area High School
- Floyd C. Fretz Middle School
- George G. Blaisdell Elementary School

Crawford Central School District, West End Elementary School, Meadville, PA\*

Derry Area School District, Derry, PA\*

- Derry Area High School/Middle School Stadium
- Grandview Elementary School

Franklin Area School District, Central Elementary School, Franklin, PA\*

Huntingdon Area School District, Huntingdon Area Middle School, Huntingdon, PA\*

Intermediate Unit 1, Coal Center, PA\*

Marion Center Area School District, John R. Mallino Stadium, Marion Center, PA\*

Mon Valley Career & Technology Center, Charleroi, PA\*

Peters Township School District, Pleasant Valley Elementary Athletic Fields, McMurray, PA\*

Ringgold School District, Ringgold Elementary School South, Monongahela, PA\*

\*Indicates project experience prior to joining L.R. Kimball





## ROBERT DUMAN, PE

### SENIOR ELECTRICAL ENGINEER



Robert is a registered professional engineer who has more than 20 years of electrical expertise experience in the educational, commercial, and governmental industries.

Robert specializes in energy audits, design, specifications, cost estimating, start-up and field supervision of construction for power distribution systems, fire alarm systems, security systems, lighting systems, intercommunications systems, data systems, remote sound systems, emergency power systems and grounding.

Robert's relevant project experience includes:

#### **Maser Consulting P.A.**

- Toms River Regional Schools, Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs, Toms River, NJ

**Renovations, New Gymnasium Addition, Bald Eagle Area School District, Wingate, PA\***

**New Office Building Construction, PA Cyber School, Midland, PA\***

**New Football/Soccer Stadium Construction, Keystone Central School District, Mill Hall, PA**

**Bedford County CTC Renovations, Bedford, PA\***

**Renovo Elementary School Renovations, Keystone Central School District, Renovo, PA**

**Mill Hall Elementary School Renovations, Keystone Central School District, Mill Hall, PA\***

**Erdenhiem Elementary School Construction, Springfield Township School District, Flourtown, PA\***

**New Springfield Township Middle School Renovations, Springfield Township School District, Flourtown, PA\***

**New Indian Valley High School Construction, Indian Valley School District, Lewistown, PA\***

**Bedford County CTC Renovations, Bedford County CTC, Bedford, PA\***

**Lenepe Elementary School Renovations, Armstrong School District, Kittanning, PA\***

\*Indicates project experience prior to joining L.R. Kimball

#### **YEARS OF EXPERIENCE**

- 20+ Years

#### **EDUCATION**

- BS, Electrical Engineering Technology, University of Pittsburgh at Johnstown

#### **REGISTRATION**

- **PA, Registered Engineer, 2004**



## RYAN MEITZLER, PE, LEED AP ID+C

### SENIOR MECHANICAL ENGINEER



#### YEARS OF EXPERIENCE

- 16 Years

#### EDUCATION

- B.S., Mechanical Engineering, The Pennsylvania State University, 2004

#### REGISTRATIONS/ CERTIFICATIONS

- **PA, Professional Engineer, 2017**
- Registered Engineer in 8 Additional States
- LEED Accredited Professional Interior Design + Construction (LEED AP ID+C), 2013

#### AFFILIATIONS

- American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)

Ryan has 16 years of experience in the design of complex mechanical and plumbing systems for various types of projects including educational facilities involving both new construction and renovations. Ryan's responsibilities and experience have included serving as the primary point of contact for clients; survey and documentation of existing building systems and conditions; development of construction documents and coordination with architectural and structural elements; and ensuring compliance with ICC codes, ASHRAE standards, and other applicable requirements. Ryan's experience also includes the management and documentation of LEED credits as well as the maintenance and improvement of CAD, Revit, and mechanical department standards. He is proficient in AutoCAD MEP, Revit, MasterSpec, HAP, Trane Trace 700, and the Microsoft Office Suite.

Ryan's relevant project experience includes:

#### **Maser Consulting P.A., Toms River Regional Schools, Toms River, NJ**

- Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs
- Energy Savings Improvement Projects

#### **Jones Lane Elementary School, Replacement of an Air-cooled Chiller and Associated Pumps. Gaithersburg, MD\***

#### **Renovations to 9 Buildings Across 2 Educational Campuses, Rowan College at Burlington County, Mt. Laurel & Mt. Holly, NJ**

#### **PA Department of General Services, New PA State Police Headquarters, Crime Lab, and Shooting Range, Erie, PA**

#### **PA Turnpike Commission, Open-End Contract for A&E Services, Various, PA**

- Bowmansville Maintenance Feasibility Study and Design Services, Bowmansville, PA
- Central Archive Facility Work, Middletown, PA
- Harrisburg West Interchange, Back Up Traffic Operations Facility, Interior renovations to existing 1,000 square feet garage building, Harrisburg, PA
- Mon-Fayette Expressway, New Jefferson Hills Warehouse, Canonsburg, PA

#### **Teaching Strategies, Bethesda, MD\***

- Approximately 23,000 SF across one floor. Spaces consisted of perimeter open offices and interior closed offices, a pantry, conference rooms, and a LAN room. Mechanical design included provision of new fan-powered VAV and a supplemental unit for the LAN room. This project was designed using Revit.

#### **Amazon Web Services, Approximately 125,000 SF across 5-1/2 floors\***

- Spaces consisted of open and closed offices, pantries, conference rooms, conferencing center & SCIF space. Multiple glycol-cooled supplemental AC units for various IT spaces.

#### **Scitor HQ – Cyber Lab, Approximately 8,000 SF\***

- Spaces consisted of closed offices, pantry, IT lab conference rooms and showcase server room. Coordinated design with vendor and tenant for incorporation of tenant provided IT equipment (IT racks with front and rear containment, in-row cooling, UPS, etc).

#### **Boiler Replacement at 1441 L St\***

- Replacement of dual fuel boilers with owner provided condensing boilers. Changed system from constant flow to variable flow. Coordinated with owner's controls contractor.

\*Indicates project experience prior to joining L.R. Kimball



## HERB OLDHAM

### SENIOR MECHANICAL DESIGNER



Herb has 35 years of experience with HVAC design for a variety of project types including educational, correctional, sports, commercial, and healthcare facilities.

His experience involves systems design development and layout from conceptual to preliminary to final design documents, including cooling, heating, and humidification load calculations, indoor air quality compliance, equipment sizing and selection, equipment and ductwork layouts, pneumatic and direct digital control systems, and specifications. Herb is experienced in the use of the latest versions of AutoCAD and REVIT software from conceptual design to final design phases in both two-dimensional and three-dimensional formats. He utilizes computer software to model the energy use of each project to determine the optimal engineering solutions based on equipment types and utility costs. In addition, Herb has experience in on-site interface during construction. **Of special note, Herb has experience on 80+ K-12 projects.**

#### YEARS OF EXPERIENCE

- 35 Years

#### EDUCATION

- Bachelor of Science, Mechanical Engineering, University of Pittsburgh at Johnstown, 1986

Herb's relevant project experience includes:

**Maser Consulting P.A., Toms River Regional Schools, Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs, Toms River, NJ**

#### **Bradford Area School District, Bradford, PA\***

- Bradford Area High School – New Fitness Center Addition and Mechanical Power Design
- Fretz Middle School – ADA Toilet Room Renovations and Mechanical Power Design
- Blaisdell Elementary School – New Lighting System Design and Mechanical Power Design

#### **Chartiers-Houston School District, Houston, PA\***

- Chartiers-Houston High School – Complete Renovation of Existing Building and New Gymnasium Addition
- Allison Park Elementary School – Complete Renovation of Existing Building

#### **East Allegheny School District, North Versailles, PA\***

- East Allegheny High School – Mechanical Power Design and New Auditorium Dimming System
- Logan Middle School – Complete Mechanical Design for New Building

#### **Ellwood City Area School District, Ellwood City, PA\***

- Lincoln High School – New Mechanical Service Design and Renovations to Existing Music Wing and Admin Area
- Hart Elementary School – New Mechanical Power Design

**Fairview School District, Fairview High School, Renovations to Existing Classroom Area, Fairview, PA\***

#### **Fox Chapel Area School District, Pittsburgh, PA\***

- Fox Chapel Area High School – Complete Renovation of Existing Building
- Hartwood Elementary School – New Lighting and Mechanical Power Design

#### **Ringgold School District, New Eagle, PA\***

- Ringgold High School – Mechanical Power Design and New Auditorium Sound System
- Ringgold Elementary School South – Complete Renovation of Existing Building and New Classroom, Kitchen, and Cafeteria Addition
- Donora Elementary School – Complete Renovation of Existing Building
- Monongahela Elementary School – Complete Renovation of Existing Building

\*Indicates project experience prior to joining L.R. Kimball





## MICHAEL STILES, CPD

### SENIOR PLUMBING / FIRE PROTECTION DESIGNER



Michael currently serves as a Senior Plumbing & Fire Protection Designer. He has over 21 years of experience in the design and preparation of working drawings for all types of plumbing/fire protection systems. Michael has extensive experience using AutoCAD and REVIT for plumbing and fire protection system layouts. Michael's experience also includes natural gas systems, stormwater piping and medical gas/vacuum piping. His project experience includes educational, correctional, commercial, office, public safety, industrial, manufacturing, transportation, judicial, municipal, and healthcare. Michael has also gained valuable experience in HVAC and electrical design, which has given him good coordination skills, not only with architects, but also with other engineering disciplines within L.R. Kimball.

#### YEARS OF EXPERIENCE

- 21 Years

#### EDUCATION

- A.A., Specialized Technology (Drafting and Design, York Technical Institute, 2000

#### CERTIFICATION

- Certified Plumbing Designer (CPD)

A partial listing of Mike's relevant project experience includes:

**Maser Consulting P.A., Toms River Regional Schools, Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs, Toms River, NJ**

**Marshall University, Master Plan Options for Housing on the South Charleston Campus and Conceptual Building Designs to Accommodate a New Aviation Program at Yeager and Tri State Airports, WV**

**Confidential Higher Education Client, Facility Assessment, Pennsylvania**

**Pennsylvania State University, Multi-Sport Locker Room Feasibility Study, State College, PA**

**St. Mary's County, Adult Detention and Rehabilitation Center Addition and Renovations, Leonardtown, MD**

**Sheetz, Inc., Altoona, PA**

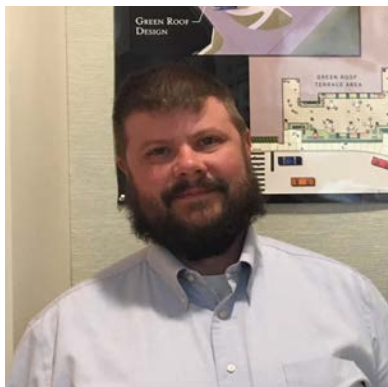
- Distribution Center Renovations
- Finance Building Renovations
- Main Building Renovations
- On-Call Services
- Store 354 Renovations

**Pennsylvania Department of General Services, PA State Police New Troop E Headquarters, Erie, PA**

**Pennsylvania Department of General Services, PA State Police New Headquarters, Erie, PA**

**Allegheny County Department of Public Works, New Warehouse, Pittsburgh, PA**

**Pennsylvania Turnpike Commission, Feasibility Study and Design Services for a New Warehouse, Jefferson Hills, Canonsburg, PA**



## CHRISTOPHER BOWERS, PE, SE\*

### SENIOR STRUCTURAL ENGINEER



Chris has over 20 years of experience as a Structural Engineer on a variety of projects including hangars and military and training facilities. He utilizes structural analysis and design software as well as AutoCAD and Revit in the drafting and production of drawings for structural systems for various types of facilities including educational and federal facilities.

Chris is a member of American Institute of Steel Construction; American Society of Civil Engineers; American Concrete Institute; Structural Engineers Association of Pennsylvania - Structural Engineering Emergency Response Committee Member; and PEMA Task Force 2, Company 5, Urban Search and Rescue, Structural Engineer.

### YEARS WITH THE FIRM

- 20 Years

### EDUCATION

- BS, Civil Engineering, The Pennsylvania State University, 2000

### REGISTRATIONS / CERTIFICATIONS

- **PA, Professional Engineer, 2005**
- Registered Engineer in 13 Additional States
- Illinois, Licensed Structural Engineer, 2010 (\*Licensed Structural Engineer (SE) in IL and NE Only)
- Nebraska, Licensed Structural Engineer, 2014 (\*Licensed Structural Engineer (SE) in IL and NE Only)
- California, Safety Assessment Program Evaluator, 2014

### PROFESSIONAL AFFILIATIONS

- American Institute of Steel Construction
- American Society of Civil Engineers
- Structural Engineers Association of Pennsylvania - Structural Engineering Emergency Response Committee Member
- PEMA Task Force 2, Company 5, Urban Search & Rescue, Structural Engineer

A partial listing of Chris' relevant project experience includes:

#### State College Area School District, State College, PA

- High School Track Building (CD-CA)
- Projects Under Routine On-Call Services Contract
- Architectural and Engineering Design Services for High School Additions/Renovations
- 2005 and 2006 Memorial Field Precursory Bleacher Assessments
- Radio Park Elementary School Modular Classroom Installation (Phase II)
- Memorial Field Bleacher Upgrades
- Park Forest Middle School Gymnasium Upgrades

#### Armstrong School District, Kittanning, PA

- New Junior-Senior High School
- New Stadium and Athletic Fields (Schematic Design through Construction Documents)
- Kittanning Jr./Sr. High School Additions/Alterations (Schematic Design through Construction Documents)

#### Central Cambria School District, Ebensburg, PA

- Cambria Elementary School Renovations/Additions
- High School Renovations/Additions

#### Central York School District, High School, York, PA

#### Bellwood-Antis School District, Varsity Baseball Field Bleacher Assessment/Repair, Bellwood, PA

#### Hanover Public School District, Clearview Elementary School, Hanover, PA

#### Loyalsock Township School District, Williamsport, PA

- Donald E. Schick Elementary School Additions/Alterations
- Loyalsock Township Middle/High School Additions/ Alterations

#### Meyersdale Area School District, Design Phase Services for High School Exterior Wall and Miscellaneous HVAC Renovations, Meyersdale, PA

#### Portage Area School District, Portage, PA

- Elementary School Renovations
- Portage Area Junior/Senior High School Additions/ Alterations
- Football Stadium Improvements
- District-Wide Facility Study

#### School District of Philadelphia, Samuel Fels High School, Philadelphia, PA

#### Shade-Central City School District, Cairnbrook Elementary School Renovations/Additions, Cairnbrook, PA

#### Twin Valley School District, Twin Valley Elementary Center, Elverson, PA

#### West Chester Area School District, E. N. Peirce Middle School Classroom Addition and Cafeteria Expansion, West Chester, PA



## DAVID MCROBERTS, CPP

### SECURITY & OPERATIONS SPECIALIST



With a career in law enforcement and public safety, and past experience as a Jail Transition Team Leader and Jail Administrator, David's depth of experience is invaluable to our company.

For 24 years, David served the Kenosha County Sheriff's Department as a Deputy Sheriff, advancing through the ranks to Sergeant, Lieutenant, and finally Captain. The scope of his responsibilities included: Patrol Supervisor, Patrol Shift Commander, Jail Administrator, and Detentions Division Commander together with Unit Commander of the Kenosha Sheriff's Department Tactical Response Team (SWAT). David also served for two years as a Police Officer for the Village of Twin Lakes, WI.

Since 1985, David has been a Wisconsin State Certified Law Enforcement Instructor for the Department of Justice/Division of Training and Standards. He is a national trainer and has delivered a variety of training topics to thousands of law enforcement officers and protective service personnel as well as private citizens. He is also the author of many written contributions to various publications, periodicals, and professional journals nationwide.

For over 16 years, David has worked with L.R. Kimball as a Security and Operations Management expert. In this role, he serves as a liaison between our designers and our clients, ensuring that the design of the facility supports the client's operations in a safe, effective, and efficient manner.

Special career highlights include:

- Department Liaison/Project Manager and Transition Team Lead for a 600-bed detention facility design, development, construction, and operation
- Improved Public Safety developing best practice procedures and post orders in support of comprehensive detention system involving two facilities housing 1,000+ incarcerated persons in secure physical custody and specialty programs
- Directly handled all identification, qualification and liaison functions nationally for justice and public safety business opportunities ranging from \$3 Million to more than \$200 Million
- Improved profit developing and servicing complex projects in multiple regions across the nation
- Earned multiple awards and accolades, including: Distinguished Service Award – Veterans of Foreign Wars and Certificate of Merit – Kenosha County Sheriff's Department

### AFFILIATIONS

- International Association of Chiefs of Police (IACP)
- American Correctional Association (ACA)
- Society for Human Resource Management
- American Jail Association (AJA)
- American Society of Industrial Security (ASIS)
- National Sheriff's Association (NSA)
- International Law Enforcement Educators and Trainers Association (ILEETA) – Board Member / article contributions
- Correctional News – Advisory Board Member / article contributions

### PUBLICATIONS

- *If I Knew Then 2, Warrior Reflections*, Edited by Brian R. Willis, Excerpt called "Learning Not to be Selfish"
- *American Blue, Real Stories by Real Cops*, Edited by Ed Nowicki, Excerpt called "An Express Elevator Ride into Hell"

### YEARS OF EXPERIENCE

- 16 Years with L.R. Kimball

### EDUCATION

- Gateway Technical College
- U.W. Wisconsin Parkside
- Wisconsin State Law Enforcement Training Academy
- Lakeland College
- Wisconsin State Patrol Academy

### HIGHLIGHTED EXPERIENCE

- 28 Years in Law Enforcement & Public Safety – Captain, Lieutenant, Sergeant, Deputy & Tactical Team Commander, Jail Transition Team Leader, Programs Manager
- 15 Years of Experience as a Justice and Public Safety Client Liaison

### CERTIFICATIONS

- Certified Protection Professional – International Board Certification by American Society of Industrial Security (ASIS)
- Adjunct Staff Instructor, Criminal Justice Program - Gateway Technical College
- Wisconsin State Certified Criminal Justice Instructor - Wisconsin Technical College System Board
- Practitioner for NIMS - Incident Command System
- CARVER – Federal Threat and Vulnerability Assessments
- Multiple Interview Assessments - Professional Judge and Review Examiner for professional consultants in delivering; background investigations, testing and screening of personnel





## GREG SCHROCK, PE, CPESC, CPSWPPP CIVIL ENGINEER



### YEARS OF EXPERIENCE

- 26 Years

### EDUCATION

- BS, Civil Engineering Technology, University of Pittsburgh, 1994

### REGISTRATIONS/ CERTIFICATIONS

- PA, Professional Engineer, 1999
- Professional Engineer in Three Additional States
- Qualified Preparer of Stormwater Pollution Prevention Plans, No. 4251273
- Certified Professional in Erosion and Sediment Control, No. 5567

With over 26 years of experience, Greg specializes in various aspects of site development and municipal design. He is involved with the design of waterlines, sanitary sewers, pumping stations, and water systems. He is responsible for the design and coordination, project specifications, and permit acquisition for various land development projects. He is also involved with the design of roadways, parking lots, site layout, stormwater management facilities and analysis, sanitary sewer systems, water distribution systems, and the preparation of contract documents.

Greg's stormwater management design experience includes hydrologic and hydraulic analysis, detention basin design, stormwater collection and conveyance system design, preparation of construction drawings, preparation of stormwater management reports including pre- and post-development runoff computations, routing of storm flows through proposed detention basins, and basin design computations. He is also involved with the preparation of erosion and sedimentation control plans including designing the construction documents, preparing NPDES permit applications, letters, erosion and sedimentation control reports, preparing construction sequences, and design computations for each erosion and sedimentation control device utilized.

With NPDES and stormwater plan submissions, Greg is involved with Best Management Practices and design, water quality devices, stormwater volume calculations, rain garden, and bioretention and infiltration systems that assist with the reduction of stormwater management peak flows and impact to the downstream waterways or systems. A partial listing of Greg's relevant project experience includes:

#### State College Area School District, State College, PA

- High School Track Building (CD-CA)
- Design Services for High School Additions/Renovations

#### Danville Area School District, Danville, PA

- New Danville Middle School and Riverside Elementary School Renovation/Addition

#### Conneaut School District, Linesville Stadium Upgrades, Linesville, PA

#### Brownsville Area School District, District-Wide Study & New Elementary School, Brownsville, PA

#### Armstrong School District, Kittanning, PA

- New Junior High School
- Design Services for Stadium & Athletic Fields

#### Blairsville-Saltsburg School District, Blairsville, PA

- Saltsburg Middle-High School Renovations/Saltsburg Elementary School Addition

#### French American School, Master Plan and Site Assessment, Princeton, NJ

#### Huntingdon Area School District, Huntingdon, PA

- High School Renovation/Addition
- Jackson Miller Elementary School Addition/Alteration
- Standing Stone Elementary School

#### McKeesport Area School District, McKeesport, PA

- New Elementary School
- White Oak Elementary School Relocation

#### Meyersdale Area School District, Renovations & Additions, Meyersdale, PA

#### Rockwood Area School District, Sidewalk Project, Rockwood, PA



## DAVID PETROSKY, RLA, ASLA

### LANDSCAPE ARCHITECT



David has over 40 years of design experience on a variety of projects. He participates in all aspects of the site design procedure including client relations, marketing and proposals, meetings, project scheduling, layout and design, construction details, cost estimates, specifications, bidding, contract administration, and inspection. He has assisted in site assessments, completed conceptual and preliminary plans, and produced final site and landscape plans. He is also very familiar with ADA requirements.

David received a copyright for a landscape program, EZ-Plant™. He devised this software for the industry and currently uses it for his projects. The program consists of databases of plants, symbols, and schedules and adds the plant quantities shown on the landscape plan. The software then tallies the total to produce final costs that greatly increases productivity through AutoCAD. He updated and revised the program in 2007 to work with an Excel spreadsheet database and in 2009 to include native and adaptive plants for the sustainable site initiative.

David's relevant project experience includes:

**Altoona Area School District, Athletic Field Improvements, Altoona, PA**

**Bellefonte Area School District, Middle School Renovation/Addition, Bellefonte, PA**

**Central Cambria School District, Athletic Fields Master Plan, Ebensburg, PA**

**Central York School District, York PA**

- New High School
- Middle School Renovation/Addition
- Sinking Springs Elementary School

**Cambria County Redevelopment Authority, Cambria Township Park, Ebensburg, PA**

**Cambria County Conservation Authority, Cambria County, PA**

- Path of the Flood Trail Links Feasibility Study

**Carnegie Mellon University, Pittsburgh, PA**

- Junction Hollow Athletic Fields Feasibility Study

**Meyersdale Area School District, Renovations/Additions to Elementary, Middle, and High Schools, Meyersdale, PA**

**Ebensburg Municipal Authority, Ebensburg, PA**

- Community Center Development Plans

**Indiana County Board of Commissioners, Indiana, PA**

- Hoodlebug Trail Extension Consulting Services

**Indiana County Office of Planning & Development, Indiana, PA**

- Indiana County Regional Trail Connectivity Study

**White Township Municipal Authority, Indiana, PA**

- White Township Recreation Complex

**City of Pittsburgh, Pittsburgh, PA**

- North Shore of the Ohio River Trail

**Boy Scouts of America, Indiana, PA**

- Yellow Creek State Park Master Plan

### YEARS OF EXPERIENCE

- 40 Years

### EDUCATION

- BA, Landscape Architecture, West Virginia University, 1978

### REGISTRATIONS / CERTIFICATIONS

- **PA, Landscape Architect, 1997**
- NJ, Landscape Architect, 2015

### AFFILIATIONS

- American Society of Landscape Architects
- Open Committee on Computing, American Society of Landscape Architects
- Green Building Alliance, Laurel Highlands Group
- Board of Directors, Natural Diversity



## **Kenneth M. Kistler, F.C.S.I**

### **President / CEO**

### **McFarland Kistler & Associates, Inc.**

#### **K-12 SCHOOL PROJECTS**

##### **Project Responsibilities:**

Mr. Kistler will serve as Principal/Project Manager throughout the entire project. Ken will handle all meetings/correspondence, generate conceptual designs, compile all equipment specifications, coordinate with all other disciplines, generate equipment estimates, and provide all quality control measures associated with the contract documents. Ken has participated in the design of K-12 food service facilities throughout the country for 39 years.

##### **Number of Years with Firm:**

39 Years

##### **Firm Address:**

McFarland Kistler & Associates, Inc., 1130 Perry Highway, Suite 115, Pittsburgh, PA 15237 / PH: 412-367-1905

##### **Education:**

Pennsylvania State University, 1980-1983

LaRoche College, Pittsburgh, PA - B.S. Administration & Management, 1987

##### **Professional Affiliation:**

Professional Member - Foodservice Consultants Society International (Since 1993)

##### **Relevant Projects:**

(\*Represents Facilities with a "Food Court" style Servery.)

##### **Philadelphia School District, Philadelphia PA**

Samuel Fels High School  
Lankenau High School  
S. Solis Cohen Elementary School  
Rhawnhurst Elementary School

##### **North Hills School District, Pittsburgh, PA**

Highcliff Elementary School  
McIntyre Elementary School  
North Hills High School  
North Hills Junior High School  
Perryville Elementary School (K-6)  
Ross Elementary School (K-6)  
West View Elementary School

##### **Central York School District, York, PA**

\*Central York High School  
\*Central York Middle School  
Hayshire Elementary School  
Roundtown Elementary School  
Stony Brook Elementary School

##### **Downingtown Area School District, Downingtown, PA**

Brandywine Wallace Elementary School  
Downingtown Area Intermediate School  
Downingtown East High School  
Downingtown Middle School  
Downingtown Third Middle School, Chester Springs, PA  
Lionville Middle School

##### **Greater Latrobe School District, Latrobe, PA**

Baggaley Elementary School  
Greater Latrobe Junior High School  
\*Greater Latrobe Senior High School  
Latrobe Elementary School

##### **Hazleton Area School District, West Hazleton, PA**

Drums Elementary Middle School, Drums  
Heights Terrace Elementary Middle School, Hazleton  
Valley Elementary Middle School, Sugarloaf  
West Hazleton Elementary Middle School









# 3.0 RELEVANT EXPERIENCE

Archdiocese of Philadelphia, New Pope John Paul II High School, Philadelphia, PA  
designed by L.R. Kimball





## **L.R. Kimball State College Area School District Projects**

Over the years, L.R. Kimball has completed many projects for the State College Area School District including the following:

- Facility Study for a New High School
- Architectural and Engineering Design Services for High School Additions/Renovations
- High School North Building Ceiling Replacement
- High School North Building Pool Water Heating System
- High School South Building Boiler Replacement
- Track Resurfacing at the High School South Building
- High School Track Building (CD-CA)
- Projector Installation at North High School Building, South High School Building, Mount Nittany Middle School, and Park Forest Middle School
- Park Forest Middle School Science Lab Upgrades
- Renovation of Science Rooms and Art Rooms at Park Forest Middle School
- Park Forest Middle School Main Office Addition
- Park Forest Middle School Gymnasium Upgrades
- Park Forest Middle School Tennis Courts Reconstruction
- Boalsburg Elementary School Front Facade Brick Replacement
- Boalsburg Elementary School Roof Replacement
- Matternville Elementary School Boiler Replacement
- Lemont Elementary School Boiler and Pump Replacement
- Panorama Village Elementary School Roof Replacement
- Radio Park Elementary School Modular Classroom Installation (Phase I & II)
- Radio Park Elementary School Partial Roof Replacement
- Administration Building Structural Evaluation
- Maintenance Storage Building Facility Study
- Memorial Field Master Plan Study
- Memorial Field Lighting and Electrical Upgrades
- 2006 Memorial Field Precursory Bleacher Assessment
- 2004 Memorial Field Precursory Bleacher Assessment
- Memorial Field Bleacher Upgrades
- Projects Under Routine On-Call Services Contract



## **L.R. Kimball K-12 Roof Repair / Replacement Projects**

L.R. Kimball has provided roof replacement design services for a variety of project types including K-12 clients. The following list includes some of our K-12 roof projects:

- Altoona Area School District
  - Baker Elementary School
  - Juniata Gap Elementary School
  - High School Building C Roof Parapet Walls Repairs
  - Pleasant Valley Roof Repairs
- Bethel Park School District, Roof Replacement at Seven Schools, Bethel Park, PA
- Central Cambria School District, Roofing Project Documentation, Ebensburg, PA
- Danville Area School District, High School Gymnasium Roof Replacement, Danville, PA
- Plum Borough School District, Oblock Junior High School Roof Repair/Replacement, Plum, PA
- Clairton City School District, Roof System Replacement at Clairton Education Center, Clairton, PA
- State College Area School District
  - Boalsburg Elementary School Partial Roof Replacement, State College, PA
  - Panorama Village Elementary School Partial Roof Replacement
  - Radio Park Elementary School Partial Roof Replacement
- Chester Central School District, Chester Elementary School Roof Replacement and High School Locker/Telephone System Replacement and Structural Repairs, Chester, NY
- Derry Township School District, Hershey Middle School Roof Replacement, Hershey, PA
- Enlarged City School District of Middletown, Twin Towers Middle School Masonry Restoration and Reroofing, Middletown, NY
- Marlboro Township Public Schools, Frank J. Dugan Elementary School Roof Replacement, Marlboro, NJ
- Reading School District, Northeast Middle School Roof Renovations and Administration Building Boiler Replacement, Reading, PA
- East Orange Public Schools, Roof Replacement at Four Schools, Orange, NJ
- Christina School District, Bidding/Construction Administration Services for Gauger-Cobbs Middle School Roof Replacement, Newark, DE
- Chestnut Ridge School District, Middle School and High School Roof Repairs, Fishertown and New Paris, PA
- Susquehanna Township School District, Roof Replacement at Progress Elementary School and Anna L. Carter Kindergarten Center, Harrisburg, PA

 **L.R. Kimball**

## Feasibility Studies

Over the years, L.R. Kimball has completed many Feasibility studies for K-12 School Districts across Pennsylvania and surrounding states including the following:

- Brownsville Area School District
- Toms River Regional Schools (NJ)
- Altoona Area School District
- Bellefonte Area School District
- Bellwood-Antis School District
- Cambria Heights School District
- Central York School District
- Clairton City School District
- Coatesville Area School District
- Conemaugh Township Area School District
- Danville Area School District
- Forbes Road School District
- Forest Hills School District
- Greater Johnstown School District
- Hamilton Township School District
- Hanover Public School District
- Harmony Area School District
- Homer Central School District
- Huntingdon Area School District
- Indiana Area School District
- Long Branch School District
- McKeesport Area School District
- Meyersdale Area School District
- Monroe-Woodbury Central School District
- Mount Carmel Area School District
- Plum Borough School District
- Portage Area School District
- Reading School District
- Rochester Area School District
- State College Area School District
- Susquehanna Township School District
- Tunkhannock Area School District
- Westmont Hilltop School District
- Yough School District

 **L.R. Kimball**

## Select Local School Projects

### **ADMIRAL PEARY AREA VOCATIONAL-TECHNICAL SCHOOL, EBENSBURG, PA**

- Facility Study
- Vocational-Technical School

### **ALTOONA AREA SCHOOL DISTRICT, ALTOONA, PA**

- Junior High School Facilities Study
- Junior High School
- Junior High Stadium
- High School Auditorium Stage Lighting Upgrade
- High School Fieldhouse Dividing Doors
- High School Black Box Theater (Phase I)
- High School Black Box Theater (Phase II)
- High School Fieldhouse Gym Floor Refurbishment
- High School Sub-Basement Access
- Keith Junior High School Domestic Water Main Replacement
- Survey/Mapping and Geotechnical Services for a Soccer Field and Fieldhouse Building for Keith Junior High School
- Keith Junior High School Exterior Door Replacement
- Roosevelt Junior High School Plumbing System Rehabilitation
- Pleasant Valley Elementary School
- Pleasant Valley Elementary School Roof Repairs
- Baker Elementary School HVAC Upgrades
- Baker Elementary School Roof Replacement
- Irving Elementary School Cafeteria Upgrades and Door Replacement
- Juniata Gap Elementary School HVAC and Plumbing Engineering Services
- Juniata Gap Elementary School Roof Replacement
- Washington/Jefferson Elementary School Freezer/Cooler Replacement
- Wright Elementary School Chiller and Freezer/Cooler Replacement
- Mansion Park Paving and Curbing
- Mansion Park Baseball Field Lighting Upgrades
- Mansion Park Tennis and Basketball Lighting Upgrades
- Repair/Resurfacing of Tennis and Basketball Courts at Mansion Park and Leopold Recreation Center
- Advanced Science Technology Research Academy (ASTRA) Classroom
- Wireless Network System Additions
- Fire Alarm System Upgrades
- Curtin Building Boiler Room Addition and New Boiler
- Public Library Heating/Cooling and Electrical Utilities
- Facility Study for Public Library Heating/Cooling and Electrical Utilities
- Steven's Building Restroom Renovations
- Adams Building Boiler Replacement
- Rail Training Center

**ARMSTRONG SCHOOL DISTRICT, KITTANNING, PA**

- New Junior-Senior High School
- New Stadium and Athletic Fields
- District-Wide Facility Study
- Kittanning Jr./Sr. High School Additions/Alterations [Schematic Design through Construction Documents]
- Elderton K-12 School Additions/Alterations [Schematic Design through Construction Documents]
- Ford City Jr./Sr. High School Renovations [Schematic Design through Construction Documents]

**BELLWOOD-ANTIS SCHOOL DISTRICT, BELLWOOD, PA**

- Campus Planning Study
- Follow-Up Facility Study
- Athletic Field Facility Study
- High School Auditorium and Stage Upgrades
- MSHS - Domestic HW System Replacement

**BISHOP MCCORT CATHOLIC HIGH SCHOOL, JOHNSTOWN, PA**

- Concept Design

**BLAIRSVILLE-SALTSBURG SCHOOL DISTRICT, BLAIRSVILLE, PA**

- District-Wide Facility Study
- Saltsburg Middle-High School Renovations/Additions
- Blairsville Elementary School Lighting Replacement
- Miscellaneous K-12 Upgrades
- Track/Stadium Renovations

**CAMBRIA HEIGHTS SCHOOL DISTRICT, PATTON, PA**

- Memorial Building Facility Study

**CENTRAL CAMBRIA SCHOOL DISTRICT, EBENSBURG, PA**

- District-Wide Facility Study
- Middle School Addition and Alterations to the Central Cambria High School
- Multi-Purpose Room Addition to Jackson Elementary School
- High School
- High School Renovations/Additions
- Middle School Window and Door Replacement
- Schematic Design Services for Middle School Renovations
- Cambria Elementary School Renovations/Additions
- Jackson Elementary School Toilet Room Upgrades
- Jackson Elementary School Boiler Replacement
- Jackson Elementary School Window and Door Replacement
- Alumni Stadium
- Unit Ventilator Replacement at Elementary and High Schools
- Geotechnical Services for District-Wide Renovations/Additions
- Roof Repair and Replacement and Site Improvements at Various District Facilities

**CONEMAUGH TOWNSHIP AREA SCHOOL DISTRICT, DAVIDSVILLE, PA**

- District-Wide Facility Study
- Elementary School Additions/Alterations

**GREATER JOHNSTOWN SCHOOL DISTRICT, JOHNSTOWN, PA**

- Facility Study for a Baseball Facility
- [Former] Johnstown High School Facility Study
- Cochran Shop Addition
- Meadowvale Elementary School HVAC Renovations

**HARMONY AREA SCHOOL DISTRICT, WESTOVER, PA**

- District-Wide Facility Study

**INDIANA AREA SCHOOL DISTRICT, INDIANA, PA**

- District-Wide Facility Study
- Senior High School Gymnasium Lighting Upgrades
- Stage Lighting System at Senior High School
- Field Review and Report/Tile Wall Installation

**PITTSBURGH PUBLIC SCHOOLS, PITTSBURGH, PA**

- Video Security Surveillance and Automated Building Access Systems
- Long-Term Facilities Needs and Utilization Plan
- Concord Elementary School Renovations/Additions
- ADA/Vertical Circulation Improvements (Phases I-V)
- On-Call Services Contract
- South Construction Technology Center [On-Call Services Contract]
- Right-Sizing School Renovations [On-Call Services Contract]
- Schenley High School Estimating
- South Hills High School Adaptive Reuse
- Chartiers Elementary School Study
- Environmental Assessment
- Miscellaneous Civil and Geotechnical Survey Projects

**PORTAGE AREA SCHOOL DISTRICT, PORTAGE, PA**

- District-Wide Facility Study
- Elementary School Renovations
- Junior/Senior High School Additions/Alterations
- Football Stadium Improvements

**RICHLAND SCHOOL DISTRICT, JOHNSTOWN, PA**

- District-Wide Facility Study
- Junior/Senior High School
- Elementary School Facility Study
- Elementary School Direct Digital Control System
- Elementary School Asbestos Abatement and Reroofing
- Artificial Turf Installation at F. W. Herlinger Field
- Boiler Relocation

**WESTMONT HILLTOP SCHOOL DISTRICT, JOHNSTOWN, PA**

- District-Wide Facility Study
- High School Auditorium Seating Replacement



# ATLANTIC CITY BOARD OF EDUCATION

## ARCHITECT OF RECORD, ATLANTIC CITY, NJ

L.R. Kimball is Architect of Record and Colliers Engineering & Design is Engineer of Record. Together, we are providing architectural and site/civil, structural, mechanical, electrical, plumbing, and fire protection engineering services to the Atlantic City Board of Education.

### On Going Projects include:

#### Dr. Martin Luther King Jr. School Complex

- **Roof Replacement Assessment** - Design services to assess the existing roof and prepare drawings and specifications for re-roofing identified at roof sections and evaluating removing the existing roofing, insulation, and walkway pads to the metal deck and installing new rigid insulation and new membrane roofing.
- **HVAC Upgrade Assessment** - Design services to assess the possible replacement of the failing equipment and replacement strategy regarding capacity, energy savings, etc. The new HVAC equipment will be selected based on the assessment, evaluation and requirements of current codes and standards.

#### Atlantic City High School

- **Roof Replacement Assessment** - Design services to assess the existing roof and prepare drawings and specifications for re-roofing identified at roof sections and evaluation to remove the existing roofing, insulation, and walkway pads to the metal deck and installing new rigid insulation and new membrane roofing.
- **Distance Learning Lab Renovation** - Design Services for renovations of the existing Distance Learning Lab based on the project scoping documents approved by NJ DOE, Project number A-0680-035-001. The project involves preparation of construction documents, and specifications for competitive bidding with a Single Prime Contractor and construction phase administration services.
- **HVAC Upgrade Assessment** - Design services to assess the possible replacement of the failing equipment and replacement strategy regarding capacity, energy savings, etc. The new HVAC equipment will be selected based on the assessment, evaluation and requirements of current codes and standards.



#### Uptown School Complex

- **HVAC Upgrade Assessment**

Design services to assess the possible replacement of the failing equipment and replacement strategy regarding capacity, energy savings, etc. The new HVAC equipment will be selected based on the assessment, evaluation and requirements of current codes and standards.

#### Chelsea Heights School

- **Main Entrance Renovation** - Design Services for renovations of the existing Main Entrance of the school based on the project scoping documents approved by NJ DOE, Project number A-0680-034-000. The project involves preparation of construction documents, and specifications for competitive bidding with a Single Prime Contractor and construction phase administration services



#### PROJECT COMPLETION

July, 2021 (Assessments)

Est. 2022 (Design Implementation Projects)

#### CONTACT:

Kurt Austin, Facilities Manager  
1300 Atlantic Avenue, 5th Floor  
Atlantic City, NJ 08401  
PHONE: 609-343-7200

## TOMS RIVER REGIONAL SCHOOLS

# FACILITIES CONDITIONS ASSESSMENT & IMPROVEMENTS TO 25+ FACILITIES, TOMS RIVER, NJ

L.R. Kimball, together with Maser Consulting P.A., is providing architectural and site/civil, structural, mechanical, electrical, plumbing, and fire protection engineering services to Toms River Regional Schools. Over 25 facilities (2.6 Million square feet of space) including support buildings and District fields are included in this project.

### District-Wide Facilities Conditions Assessment scope of services included:

- Reviewed available existing drawings of the District's facilities and office locations as identified by the District and visits to those buildings to observe the overall existing conditions.
- Reviewed the desired functional improvements for the science classrooms and made suggestions for reconfigurations which meet the latest teaching requirements.
- Provided an assessment of the physical condition of each building's major architectural and structural components, the projected useful life of those components, and an overall building accessibility review for each building. The study also determined the order of magnitude costs (based on costs per square foot) to make upgrades and improvements as required.
- Reviewed air conditioning in areas which have heat and ventilation only.
- Provided an assessment of the physical condition of each building's mechanical, electrical, plumbing, and fire protection systems and the projected useful life of these components and determined the order of magnitude costs (based on costs per square foot) to make upgrades and improvements as required.
- Reviewed kitchen equipment as identified by the District.
- Reviewed theatrical lighting systems as identified by the District.
- Reviewed the District's existing security, card access, and video surveillance systems. Based on requirements set forth by the District, as well as state mandates such as Alyssa's Law, made recommendations to upgrade each building's security systems.



### KEY FEATURES

- 25+ Facility Conditions Assessment
- Grades K-12
- Brad Blickenderfer has served as Project Manager for this Client***

### PROJECT COMPLETION

- November, 2016 (Study)
- Est. March, 2021 (Renovations/Improvements/Additions)

### PROJECT EST. CONSTRUCTION

- Approximately \$142 Million (all priorities)
- Energy Savings Improvement Projects: \$14 million

### SQUARE FEET

- Over 2.6 million SF

### REFERENCE

Mark B. Wagner, Facilities Director  
Toms River Regional Schools  
123 Walnut Street, Toms River, NJ, 08753  
Phone: 732-244-1181  
mbwagner@trschoools.com

# FACILITIES CONDITIONS ASSESSMENT & IMPROVEMENTS TO 25+ FACILITIES (CONTINUED)

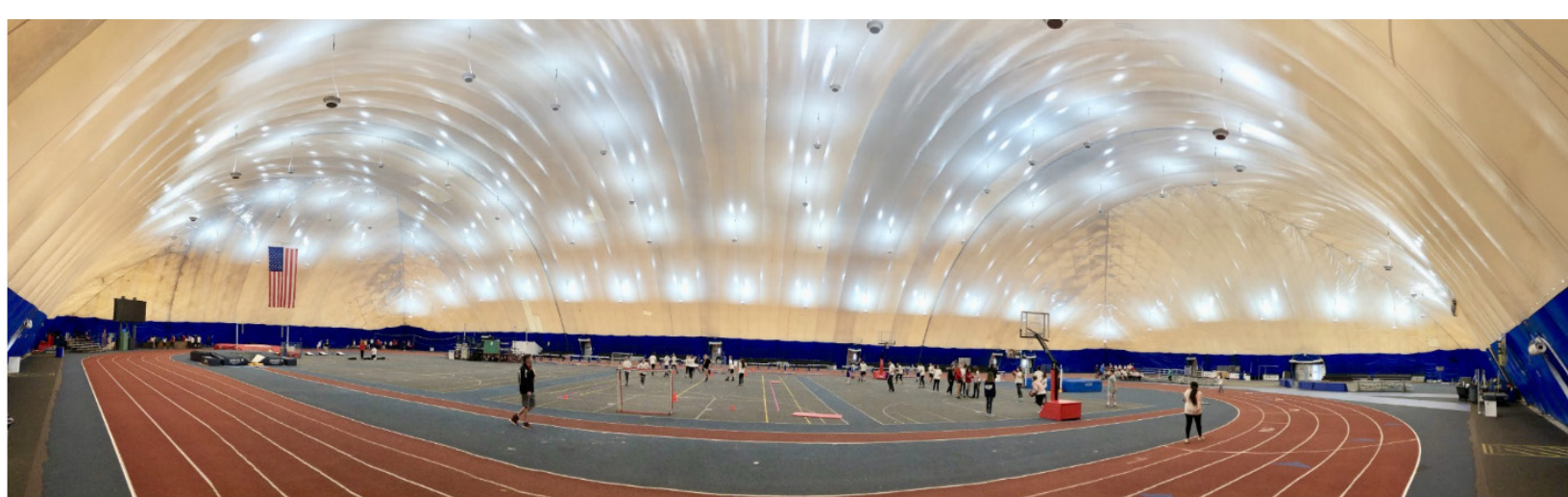
## Design Services for Implementation Projects:

- New secure vestibules were provided in each building to allow the District to control the entrance of visitors coming and going to each building. The secure vestibules allow the District to control who enters the vestibule from the outside via a combination of cameras, door controls, sight windows, and two-way communications. Visitors are vetted prior to entrance into the space. If deemed to be a hazard, the District can either refuse access or hold the visitor within the vestibule. Each vestibule is constructed to be bullet resistant with the use of bullet resistant metals, concrete, and bullet resistant glass.
- Each high school and middle school received completely renovated science labs to meet the requirements set forth by the District as well as local and state codes.
- The buildings received renovations to their existing toilet rooms to provide handicapped access as required by code.
- One high school received renovations to its existing kitchen to allow better use so that it can be used to prepare meals for the other buildings within the District.
- Each building received new terminal HVAC equipment to provide either hydronic or electric heat, new air conditioning systems throughout all spaces of the buildings (chilled water, or electric DX), the extension of the DDC control system that was started through the ESP project. Schools received new Rooftop units, new heat pumps, unit ventilators, and/or new fan coil units and variable volume boxes, based on the existing conditions and the available space allotted within the buildings.
- One high school received a new chiller to replace an existing unit that was no longer functional. As part of the upgrade, new controls were provided to the second existing chiller so that both utilize the most up-to-date and efficient controls.
- Each building received new electrical connections to new HVAC equipment. As part of this, new electrical services were provided and expanded to provide capacity for the additional air conditioning loads.
- Existing electrical panels were either replaced or retrofitted so that the electrical distribution system was brought up to current codes and to ensure proper safe operation.
- One high school received complete new theatrical lighting and sound systems. The existing auditorium received new efficient LED theatrical and house lighting. A new DMX dimming system was provided to give the District an expandable, state of the art dimming and control system. A complete new sound system was also provided to allow the District to perform plays and concerts, as well as meetings and other events.
- Electrical designs were completed to renovate the existing science labs for the high schools and middle schools. The designs were provided to match the requirements set by the district as well as meet all local and state codes.
- One high school received new emergency generators to provide emergency power to support building functions during an emergency event. The emergency power system was designed to meet the requirements set forth by the state to allow the District to use the building as an emergency shelter for the public.
- A District-wide video surveillance system was designed so that the entire district was controlled and could be viewed from any permitted individual. The system used new interior and exterior cameras, new recording systems, and new viewing stations. New card access systems were installed in each building to allow access as per the District's requirements.
- New visitor access (RAPTOR) systems were designed to help the District vet incoming visitors to the buildings. Within seconds the District can ascertain if a visitor is a Megan's Law offender or is not permitted to pick up or visit a student due to custody issues.
- New water heaters were designed to provide efficient sources of hot water throughout different areas of the buildings. Existing water fountains were replaced with new hydration stations that provide cold, filtered water to the building's population to ensure that any lead or other contaminants are removed from the water.
- Plumbing designs were completed to renovate the existing science labs for the high schools and middle schools. The designs were completed to match the requirements set by the District as well as to meet all local and state codes





# FACILITIES CONDITIONS ASSESSMENT & IMPROVEMENTS TO 25+ FACILITIES (CONTINUED)



## Energy Savings Improvement Projects:

Our team provided mechanical, electrical, plumbing/fire protection design services for a self-funded Energy Savings Improvement Program (ESIP) Implementation by Toms River Regional School District. Work included:

- A retrofit LED lighting system was designed and new lighting controls where existing lighting was usable. New LED replacement lighting was designed where required to meet the requirements of the ESP and local and state codes.
- A new DDC HVAC control system was designed to allow the District to view the status of the HVAC systems within the District and make changes to the system controls as needed.
- Retro-commissioning of existing mechanical systems was completed to evaluate and provide repairs required to maintain existing HVAC systems not being replaced.
- 4 boiler replacements and 3 chiller replacements at selected schools.



# THE PENNSYLVANIA STATE UNIVERSITY

## MULTI-SPORT FACILITY LOCKER ROOM

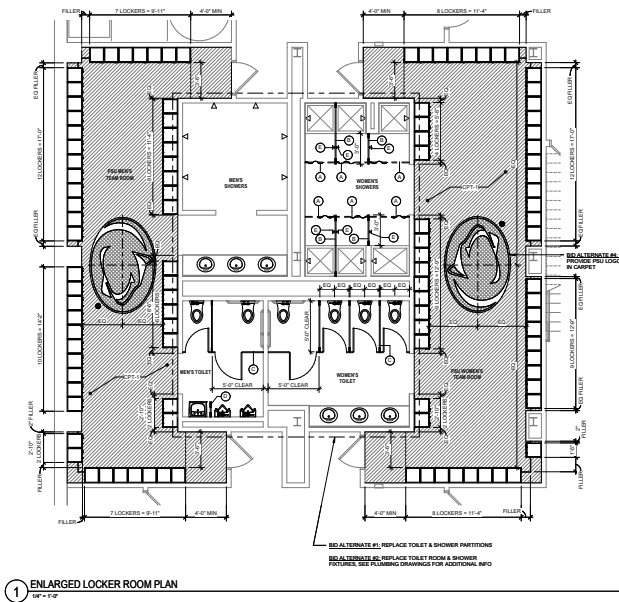
### STUDY & RENOVATIONS, STATE COLLEGE, PA



OPTION-2; VIEW-1



OPTION-2; VIEW-2



OPTION-2; VIEW-1



CARPET  
TILE/PLANK



RUBBER BASE &  
DOOR TRIM  
PAINT



TOILET /  
SHOWER  
PARTITIONS



WALL PAINT

L.R. Kimball first prepared a study for Penn State University to be used as a tool to evaluate future options for the Training Center prior to upgrading the locker room facilities.

Our team provided specialized architectural and engineering services to assess the existing facility conditions of Multi-Sport Facility. We evaluated the locker and training areas to compose a Facility Condition Assessment (FCA) which included observation and evaluation of the systems serving these areas. We then issued a comprehensive facility report which included project area descriptions, existing photos, findings, highlights of critical items, system conditions, as well as concept plans showing options and associated cost estimates.

Penn State then selected an option to renovate the men's and women's team locker rooms, ensuring that additional renovations to the building could occur in the future when funding was available, without impacting the newly finished rooms.

#### PROJECT COMPLETION

- November, 2019 (Study)
- 2020 (Renovations)

**CONSTRUCTION COST:** \$231,200

**TOTAL SQUARE FOOTAGE** 1,800 SF

#### REFERENCE

Marvin S. Bevan, Jr., PE, RA  
Project Manager  
Design & Construction Division  
The Pennsylvania State University  
101L Physical Plant Building  
University Park, PA 16802  
Phone: 814-865-3474  
E-mail: mxb61@psu.edu

# THE PENNSYLVANIA STATE UNIVERSITY

## EE WEST LAB RENOVATIONS

### STATE COLLEGE, PA



The Penn State EE West project involves the interior renovation of Lab #6 for future faculty and/ or research. The 1,100 square foot existing lab is to be completely gutted and divided into two equally sized rooms. The recently renovated adjacent lab #6A, the design and construction of which was performed by PSU internal staff, was to be used as a "model" for the renovations in this space.

Renovations included a complete gut of the existing space, including the removal the existing corridor alcove, the removal of existing raised access flooring and the subsequent abatement of existing hazardous materials attached to the raised flooring, new ceiling and lighting, new floor and wall finishes, new HVAC system, and new casework.

Construction is ongoing and scheduled for occupancy in early June 2021.

#### PROJECT COMPLETION

• June, 2021

**CONSTRUCTION COST:** \$184,875

**TOTAL SQUARE FOOTAGE** 1,176 SF

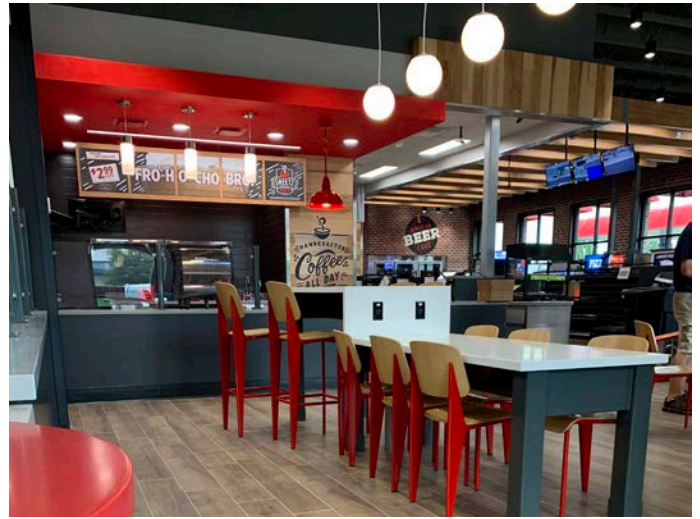
#### REFERENCE

Brian Hayes, PMP  
Project Manager  
Design & Construction Division  
The Pennsylvania State University  
101L Physical Plant Building  
University Park, PA 16802  
Phone: 814-863-4665  
E-mail: bwh11@psu.edu



## SHEETZ CORPORATION

# NEW STORE #339R, STATE COLLEGE, PA



### PROJECT COMPLETION

• August 2019

**TOTAL SQUARE FOOTAGE** 6,077 SF

### REFERENCE

Ken Gardner  
Sr. Project Manager  
Sheetz Corporation  
351 Sheetz Way  
Claysburg, PA 16625  
Phone: 814-239-1403  
E-mail: kgardner@sheetz.com

L.R. Kimball designed two new prototype stores for Sheetz Corporation. The larger 6,077 SF prototype store was constructed on the corner of Benner Pike and Shiloh Road in State College, PA after an existing store on the same site was demolished.

L.R. Kimball provided architectural, structural, HVAC, plumbing and electrical engineering services and worked with Sheetz to simplify the building envelop and internal components in the prototype designs. Future technology and retail trends were also considered.

## SHEETZ CORPORATION

# NEW OPERATIONS & TRAINING FACILITY

### CLAYSBURG, PA

The new Operations & Training Center, approximately 115,000 square feet in area, is located in the Sheetz Office Complex across Sheetz Way from the existing Sheetz Distribution Center in Greenfield Township, Blair County, PA. The building is a four-story, steel frame office building which will house offices, large meeting rooms, conference rooms, a learning center, training kitchen, main kitchen, and dining room.

The building design incorporates sustainable design elements throughout. The exterior wall is constructed of metal stud framing over which an exterior insulation system is installed to eliminate thermal bridging. The skin of the building consists of fiber cement architectural wall panels, natural stone veneer, and aluminum curtain wall. The main roof is a standing seam metal roof with large overhangs and gutters and downspouts.

The building is organized so that the first floor contains the "public" areas- meeting rooms, a learning center, kitchens, and a dining room are located here. A data center and mechanical and electrical rooms are also located on this floor along with a loading dock and receiving area at one end of the building. A partial floor called the "Mezzanine" contains offices and unfinished space for future expansion. This floor is also designed to allow for expansion into a future addition which would be constructed above the first floor kitchen.



Photo Credit: © Jeffrey Totaro, 2017

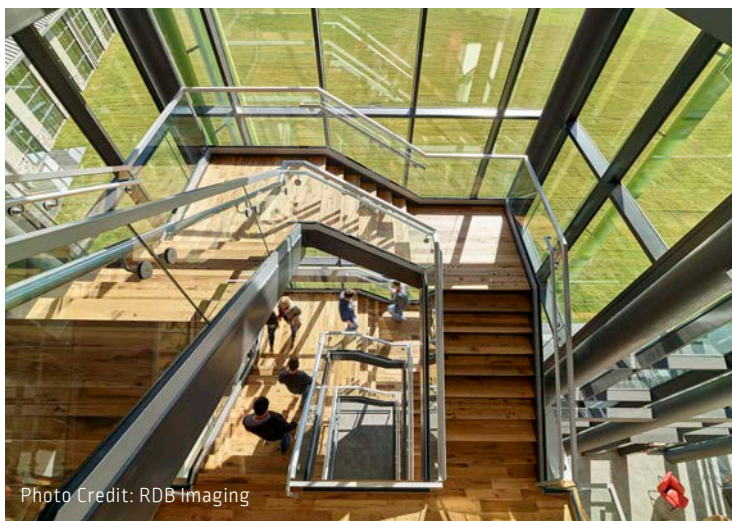


Photo Credit: RDB Imaging

"This building is phenomenal; we are so happy to add it to what we can now call a campus," said President and CEO Joe Sheetz at the ribbon-cutting event. "We wanted a building that was modern and has longevity to it, and we wanted something more collaborative and open. The idea of what a workplace should look like has changed. You need a lot of energy and light. That is what members of today's workforce want and demand."

Source: <https://www.cspdailynews.com/company-news/sheetz-opens-new-operations-support-center>

#### KEY FEATURES

- Cutting edge building design
- Sustainable design features
- Modern, collaborative training spaces

#### CLIENT REFERENCE

Ken Gardner, Sr. Project Manager  
Sheetz, Inc., 351 Sheetz Way, Claysburg, PA 16625  
Phone: 814.239.1403

#### PROJECT COMPLETION 2018

**TOTAL SQUARE FOOTAGE** 115,000 SF (New Construction)

**CONSTRUCTION COST** \$25,797,222

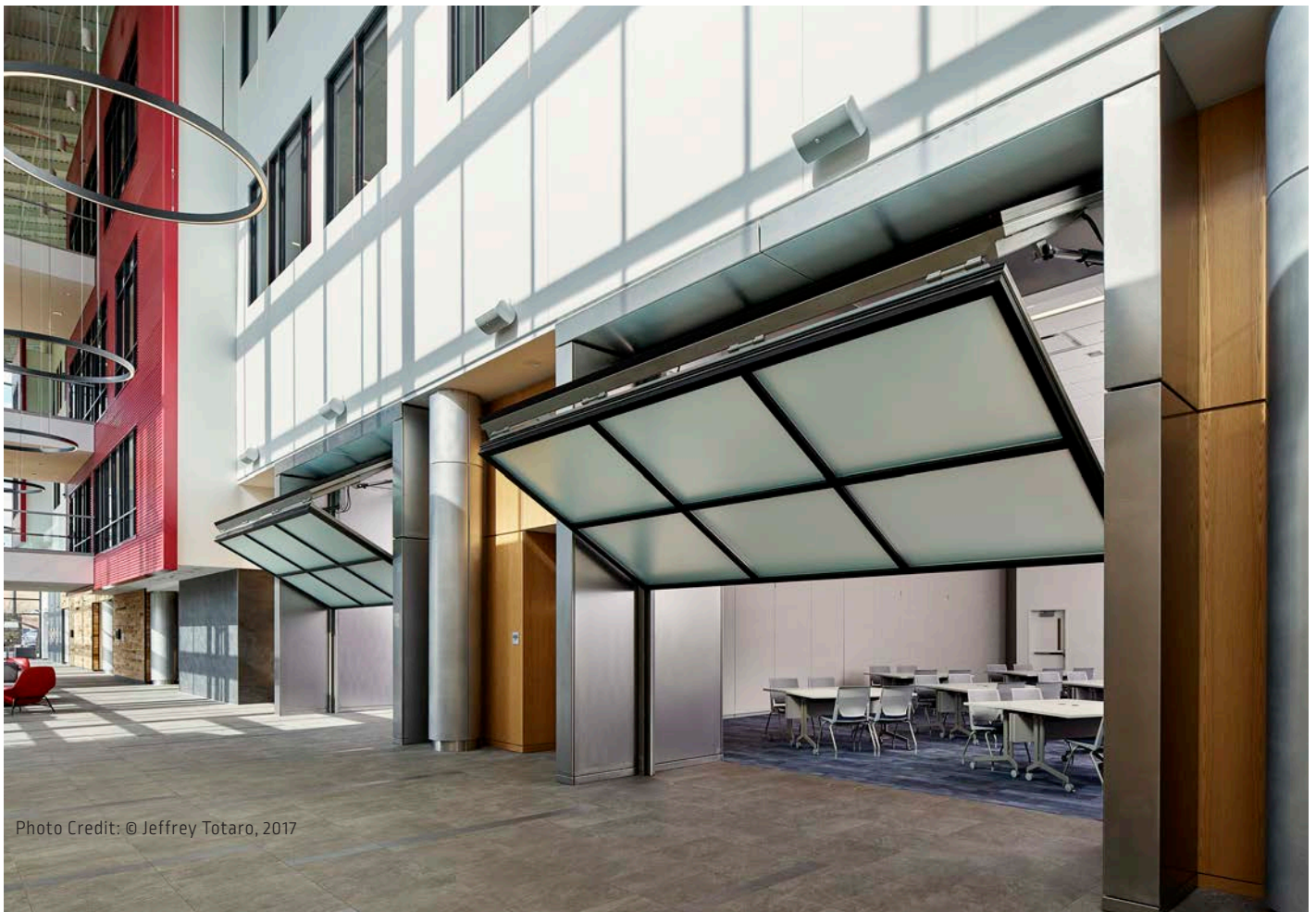
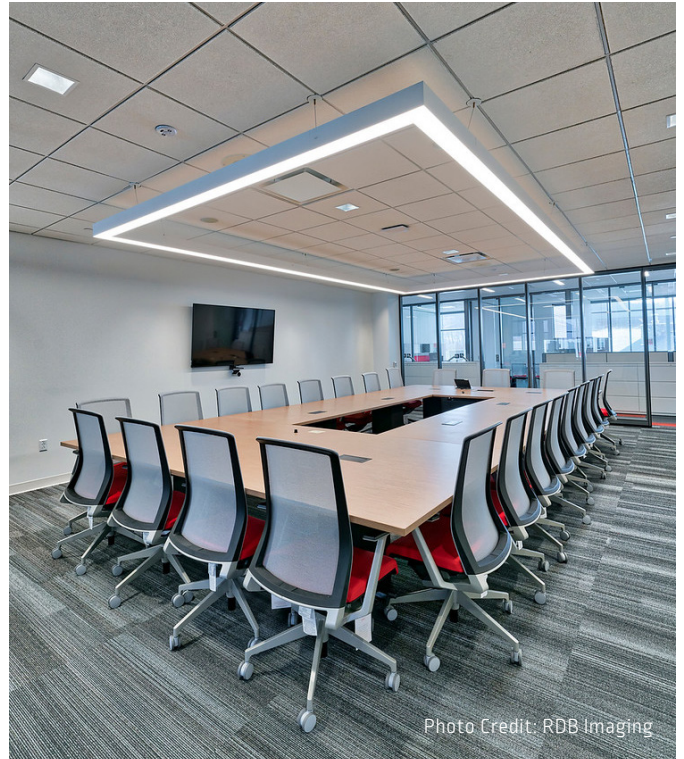


The second and third floors contain offices generally constructed of glazed and solid architectural wall panels which can be easily reconfigured, allowing for flexibility and future modification. Common rooms such as conference rooms, print rooms, and break rooms are conveniently located on each floor.

A dramatic four-story atrium connects all four floors on the South-facing side of the building by way of a monumental stair which bridges above the atrium floor to connect with lounge/meeting spaces on each floor. A large covered patio extending the length of the atrium can be accessed through several doors in the glass curtainwall.

The dining room is a one-story element connected to the first floor by the atrium. It is designed with exposed heavy timber columns and trusses with a natural stone gas-burning fireplace at one end. A partially covered patio extends the dining space to the outdoors where a stone-faced wood burning fireplace shares the stone chimney structure of the dining room.

During design phases, the Client, our design team, a contractor team & major suppliers developed relationships which resulted in strong commitments and accountability forming the framework for strong production design. The contractor executed work by embracing the collaborative environment & engaging all team members during construction. The result is a successful, efficient building that met budget, schedule and exceeded expectations.





# L.R. Kimball Sustainable Design

"Our customers are tackling some of the world's greatest challenges: cleaner energy, resilient infrastructure, making the most of natural resources. CDI will be at the forefront, providing innovative and sustainable solutions, exploring all options in pursuit of answers to these challenges."

Steve Karlovic  
President/CEO, CDI Engineering Solutions



The following is a full list of our company's Sustainable Experience:

- **Decarbonization**
  - Carbon footprint assessment and reduction
  - Carbon Capture, Utilization, and Storage (CCUS)
  - Blue Fuels/Low Carbon Fuel Standard (LCFS)
  - Green and Blue ammonia and fertilizer production
- **Renewable Fuels**
  - Bio & renewable diesel
  - Synthetic fuels
  - Ammonia fuel
  - Compressed hydrogen gas
- **Green Electric Power**
  - Photovoltaic generation
  - Wind Generation
- **Energy Efficiency & Conservation**
  - LEED and Sustainable Architecture
  - Plant efficiency & power factor
  - Energy efficient lighting
  - High efficiency Heating/Ventilation/Air Conditioning
  - Geothermal heating/cooling
- **Energy Storage**
  - Compressed air
  - Battery (plant and utility scale)
  - Battery material production
- **Environment**
  - Brownfield site redevelopment
  - Water resources planning and management
  - Water and wastewater treatment
  - Impact studies and risk assessment
  - Clean/low sulfur fuels

## Designing Sustainable Buildings: Incorporating Green Building Design, Lighting & HVAC Management & Maintenance

With every project our team designs, we always strive to include sustainable design principles, even if LEED Certification is not the Client's goal. While LEED Certification may not be the goal, consideration will still be given to LEED strategies, and attention will be given to conforming to appropriate ASHRAE standards. Our team's full architectural and engineering capabilities allow us to provide in-house integrated systems design, a process mandated by the pursuit of green buildings.

L.R. Kimball strives to include the following sustainable design principles in all of our building projects where possible:

- Use of [daylighting to improve the work environment](#)
- [Energy modeling software](#) - determines energy consumption versus first cost and maintenance costs for potential systems
- Utilize [energy recovery](#) - to minimize the utility usage for building
- Design [high efficient LED lighting fixtures and lighting control systems](#) - use "manual on, automatic off" technology along with timing systems that best control lighting fixtures, limits wasted usage, while maintaining the required security needs
- ASHRAE 90.1 energy code requirements - [HVAC and lighting power efficiencies](#)
- [Design with maintenance in mind](#) – incorporate designs that minimize costly maintenance and maximize life cycles based on cost analysis
- [Utilization of solar energy, wind energy, and geothermal energy where possible](#) – determined by site conditions, building requirements, first cost, etc., and whether these solutions are a benefit.







## L.R. Kimball Sustainable Design

Our team includes LEED Accredited professionals on staff within Architecture and Mechanical, Plumbing, and Civil Engineering disciplines. We've completed over 2 million square feet and over \$325 million in construction value of LEED Certified projects including the following project, completed in 2016:

### Middlesex County College, Science Hall Building, Edison, NJ

LEED® Gold Level certification

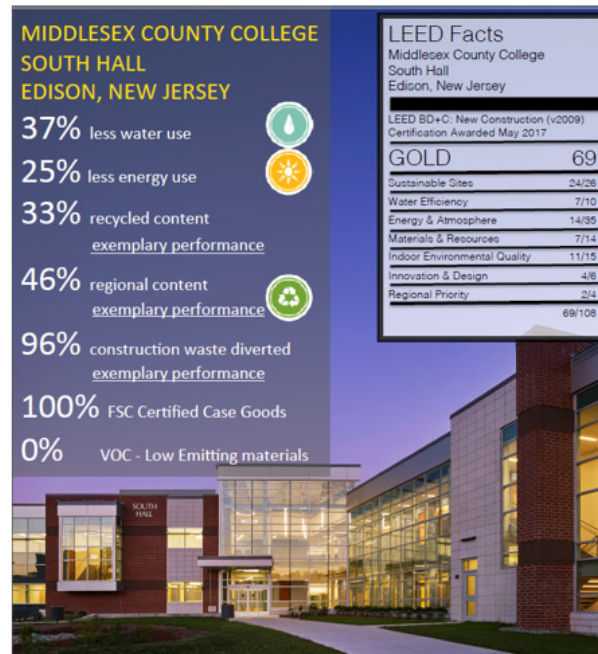
*"Overall Middlesex County College had a very successful experience working with L.R. Kimball and our students are now benefiting from their work."*

- Donald R. Drost, Jr.,  
Executive Director, Facilities Management

The following is an example of a project where our team incorporated sustainable design elements throughout, but the client chose not to pursue LEED Certification:

### Sheetz, Inc. New Headquarters & Operations Support Center, Claysburg, PA

- The exterior wall is constructed of metal stud framing over which an exterior insulation system was installed to eliminate thermal bridging.
- The skin of the building consists of fiber cement architectural wall panels, natural stone veneer, and aluminum curtain wall.
- High efficiency condensing boilers rated at 95% efficiency were used, resulting in energy savings and less discharge to the atmosphere.
- High efficiency commercial water heaters are able to sustain 96% thermal efficiency over the lifetime of the equipment.



*"This building is phenomenal; we are so happy to add it to what we can now call a campus," said President and CEO Joe Sheetz at the ribbon-cutting event.*

*"We wanted a building that was modern and has longevity to it, and we wanted something more collaborative and open. The idea of what a workplace should look like has changed. You need a lot of energy and light. That is what members of today's workforce want and demand."*

Source: <https://www.cspdailynews.com/company-news/sheetz-opens-new-operations-support-center>





**L.R. Kimball**

# LEED Certified Projects



Southeast Regional Office Building  
Pennsylvania Department of  
Environmental Protection  
Norristown, PA  
105,000 SF  
**LEED® Gold Certified**



California Regional Office Building  
Pennsylvania Department of  
Environmental Protection  
California, PA  
21,000 SF  
**LEED® Gold Certified**



Cambria Regional Office Building  
Pennsylvania Department of  
Environmental Protection  
Ebensburg, PA  
36,000 SF  
**LEED® Gold Certified**



Clearview Elementary School  
Hanover Public School District  
Hanover, PA  
43,450 SF  
**LEED® V2.0 Gold Certified**



Select Medical Health  
Education Pavilion  
Harrisburg Area Community College  
Harrisburg, PA  
48,000 SF  
**LEED® V2.1 Gold**



Rec Hall Wrestling and  
Student Fitness Center  
The Pennsylvania State University  
University Park, PA  
19,794 SF - Addition  
28,587 SF - Renovations  
**LEED® V2.1 Gold**



New South Hall Science Building  
Middlesex County College  
19,794 SF - Addition  
28,587 SF - Renovations  
**LEED® Gold Certified**



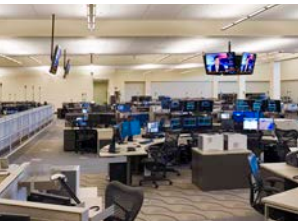
Multi-Tenant Office Building  
The Greater Johnstown  
Technology Park  
Johnstown, PA  
93,700 SF  
**LEED® CS 2.0 Silver**



Career and Technology Education  
Centers of Licking County  
Newark, OH  
329,144 SF  
**LEED® V2.1 Silver**



Twin Valley Elementary Center  
Twin Valley School District  
Elverson, PA  
71,650 SF  
**LEED® V2.1 Silver**



New Operations Control Center  
US Airways, Inc.  
Pittsburgh, PA  
72,000 SF  
**LEED® NC 2.2 Certified**



Armed Forces Reserve Center &  
Field Maintenance Shop,  
PA Dept. of General Services  
Williamsport, PA  
75,000 SF  
**LEED® NC 2.2 Silver**



Medlar Field at Lubrano Park  
The Pennsylvania State University  
University Park, PA  
152,194 SF  
**LEED® V2.1 Certified**



Softball Field  
The Pennsylvania State University  
University Park, PA  
41,000 SF  
**LEED® Certified**



Office & Maintenance Facility  
Pennsylvania Department of  
Transportation,  
Ridgway, PA  
19,360 SF  
**LEED® V2.1 Certified**



Chatham County Detention Center  
Campus Expansion and  
Renovation,  
Savannah, GA  
260,690 SF (Expansion);  
70,700 SF (Renovation) SF  
**LEED® Certified**

\* One of the first LEED® Certified  
Ballparks in the Nation





**L.R. Kimball**

## **Client Testimonials**

***“L.R. Kimball provided architectural and engineering design services for the Facilities Assessment, ESIP Project, and Referendum Projects at Toms River School District in Toms River, NJ. This work encompasses over 2.5 million square feet of educational and educational support space. It has been a pleasure working with L.R. Kimball and we highly recommend them for architectural and engineering design services.”***

- James Ricotta, Jr., Assistant Superintendent  
Toms River School District

***“The Danville Area School District has developed trust and confidence in L. R. Kimball. Working with this team was truly a beneficial partnership. We would highly recommend them to school districts considering a building project or restoration.”***

- Cheryl Latorre, Former Superintendent (Retired in 2017), Danville Area School District

***“The proactive planning and communication that L.R. Kimball provided resulted in very few disruptions to the Middle-High School’s arrival -dismissal schedule and extracurricular activities.”***

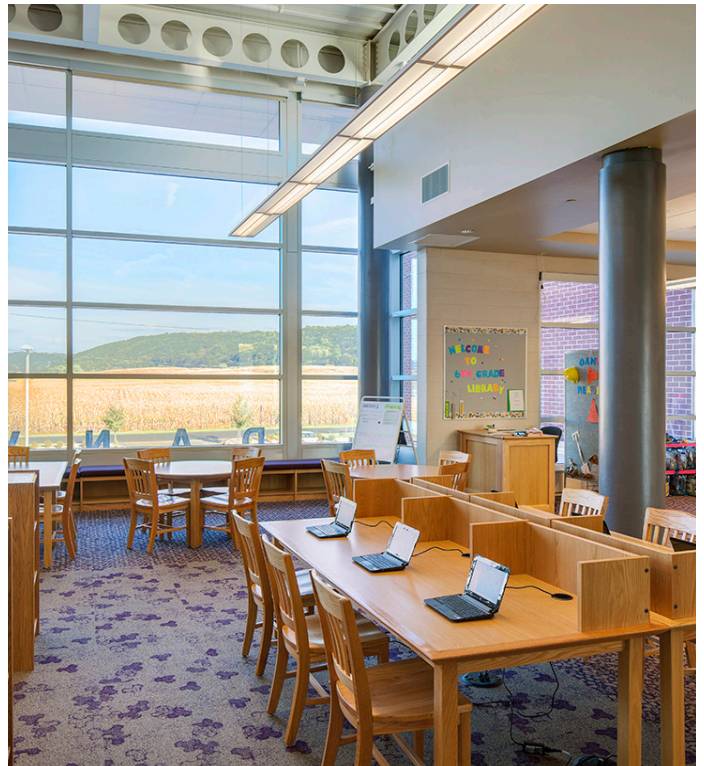
- Philip J. Savini, Jr., Ph.D., Superintendent of Schools  
(Retired), Brownsville Area School District

***“In closing, it was been a pleasure working with the L.R. Kimball staff. I believe their expertise and excellent service led to a successful partnership and an outstanding facility for our students, faculty, and community.”***

- Chris M. DeVivo, Superintendent of Schools  
Armstrong School District

***“They are a full service firm who can manage all of your construction needs from start to finish.”***

- Gerald L. McLaughlin, Acting Superintendent/Business Manager, Loyalsock Township School District





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State College, PA 16803  
Phone: 814.867.4566

[www.lrkimball.com](http://www.lrkimball.com)