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Header 1

[List View](#)

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 853816

SO Doc Code: CEOI

Procurement Type: Central Purchase Order

SO Dept: 0603

Vendor ID: 000000167118

SO Doc ID: ADJ2100000008

Legal Name: CDI INFRASTRUCTURE LLC

Published Date: 3/8/21

Alias/DBA:

Close Date: 3/24/21

Total Bid: \$0.00

Close Time: 13:30

Response Date: 03/22/2021

Status: Closed

Response Time: 8:25

Solicitation Description: EOI- Brushfork Armory HVAC Design

Responded By User ID: LRKimball

Total of Header Attachments: 1

First Name: Renee

Total of All Attachments: 1

Last Name: Schoop

Email: renee.schoop@lrkimball.

Phone: 814.472.7700



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Solicitation Response

Proc Folder: 853816
Solicitation Description: EOI- Brushfork Armory HVAC Design
Proc Type: Central Purchase Order

Solicitation Closes	Solicitation Response	Version
2021-03-24 13:30	SR 0603 ESR03222100000006435	1

VENDOR
000000167118
CDI INFRASTRUCTURE LLC

Solicitation Number: CEOI 0603 ADJ2100000008
Total Bid: 0
Response Date: 2021-03-22
Response Time: 08:25:10
Comments: Thank You for this opportunity to submit our qualifications!

FOR INFORMATION CONTACT THE BUYER
Tara Lyle
(304) 558-2544
tara.l.lyle@wv.gov

Vendor Signature X	FEIN#	DATE
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All offers subject to all terms and conditions contained in this solicitation

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	EOI- Brushfork Armory HVAC Design				0.00

Comm Code	Manufacturer	Specification	Model #
81101508			

Commodity Line Comments:

Extended Description:

EOI- Brushfork Armory HVAC Upgrades Design per the attached documentation.



PROPOSAL FOR:
**WV PURCHASING DIVISION
AND WV ARMY NATIONAL GUARD**

**PROFESSIONAL ENGINEERING DESIGN SERVICES FOR THE BRUSHFORK
ARMORY HVAC RENOVATION AT THE BRUSHFORK ARMORY FACILITY,
BLUEFIELD, WV**

DUE: March 24, 2021

SUBMITTED BY: CDI-Infrastructure, LLC dba L.R. Kimball



Contacts:

JOHN SKAFF

Client Liaison

500 Corporate Landing, 2nd Floor
Charleston, WV 25311
Phone: 304.746.3500
Fax: 304.746.3601
Cell: 304.545.8585
E-mail: john.skaff@cdicorp.com

DAVID RISPOLI, PE

Principal-in-Charge

Phone: 814.419.7897
Cell: 814.935.7165
Fax: 814.472.7712
E-mail: david.rispoli@lrkimball.com

BRAD BLICKENDERFER, PE

Project Manager

Phone: 814.419.7903
Cell: 814.659.1021
E-mail: brad.blickenderfer@lrkimball.com

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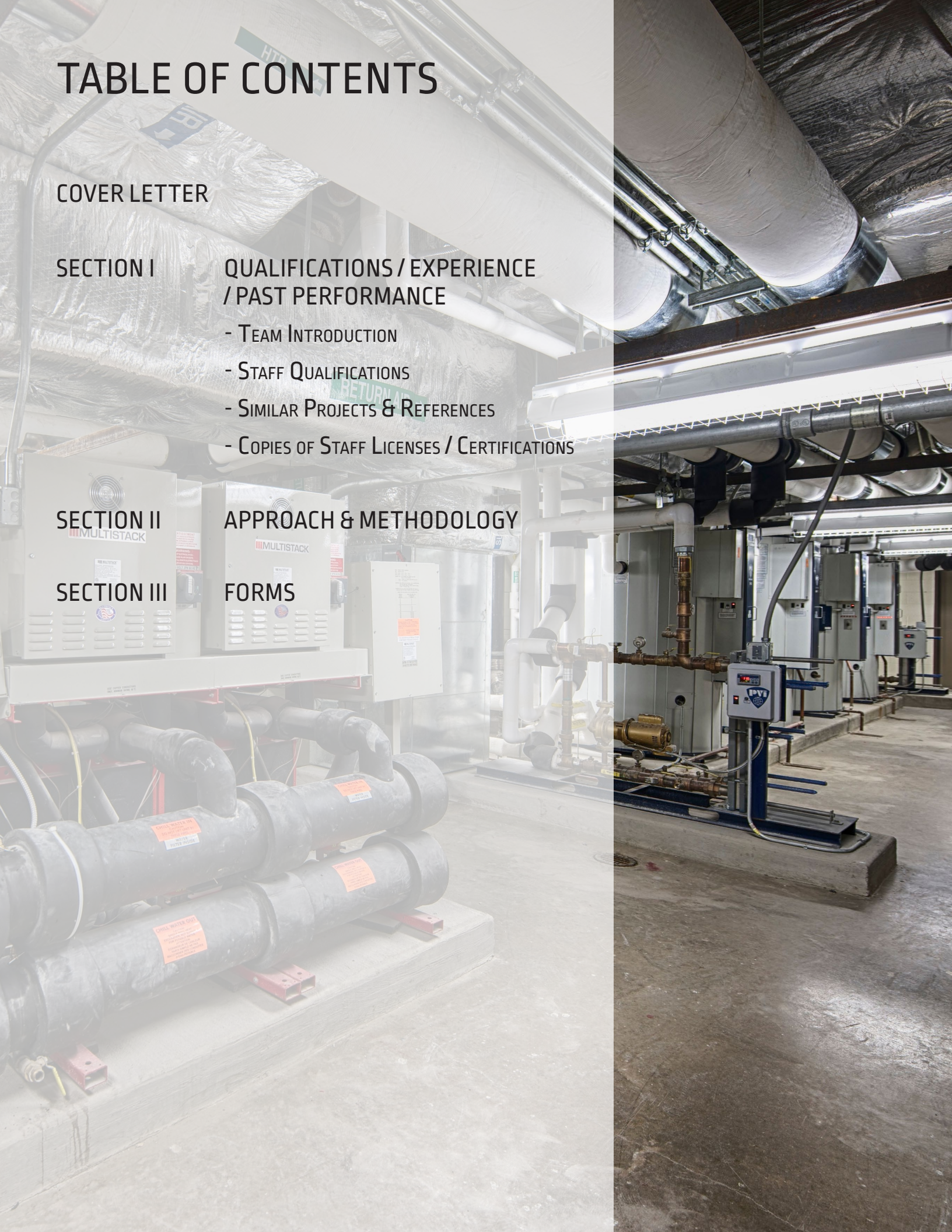
COVER LETTER

SECTION I QUALIFICATIONS / EXPERIENCE
/ PAST PERFORMANCE

- TEAM INTRODUCTION
- STAFF QUALIFICATIONS
- SIMILAR PROJECTS & REFERENCES
- COPIES OF STAFF LICENSES / CERTIFICATIONS

SECTION II APPROACH & METHODOLOGY

SECTION III FORMS



March 24, 2021

Ms. Tara Lyle
West Virginia Department of Administration
Purchasing Division
2019 Washington Street East
Charleston, WV 25305

RE: CEOI 0603 ADJ2100000008 - EOI - Brushfork Armory HVAC Design

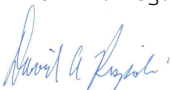
Dear Ms. Lyle:

On behalf of **L.R. Kimball**, we are pleased to submit our qualifications to provide architecture and engineering design services to the WV Army National Guard (WVANG). With over 67 years of quality service, L.R. Kimball distinguishes itself in the industry by having all architectural and building engineering services in-house. As a full-service firm, our integrated design team has the extensive experience and leadership required and we are accustomed to working collectively on the unique challenges that a project like yours may present.

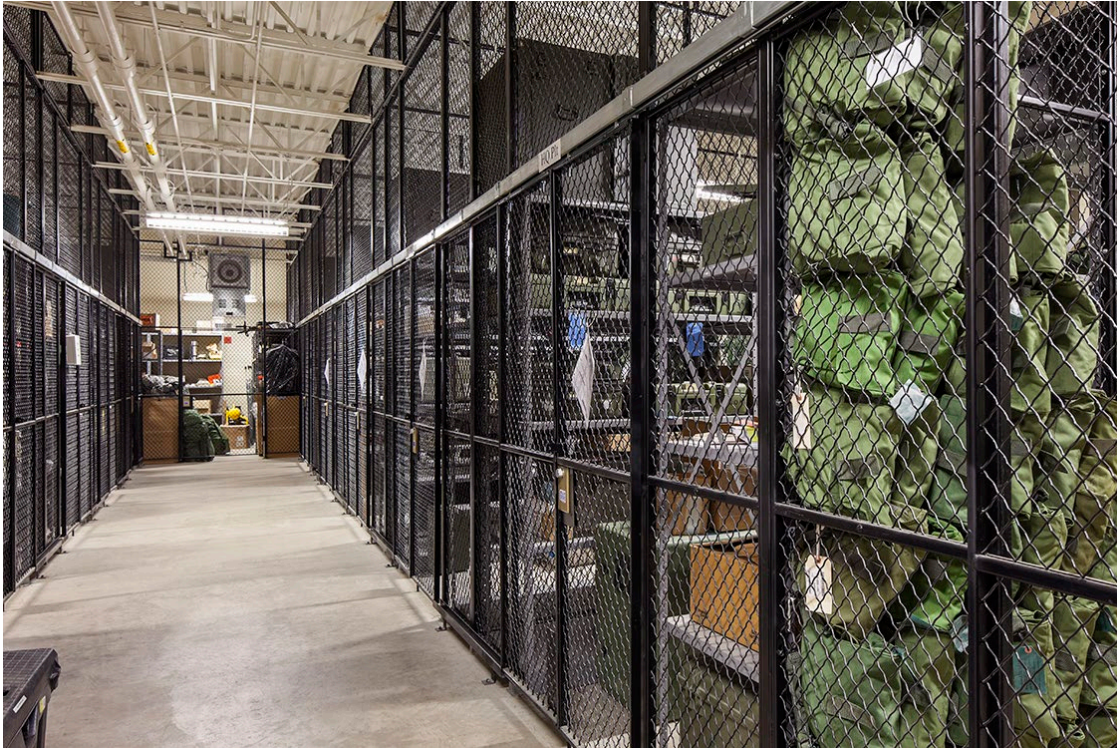
L.R. Kimball has been successful across a wide variety of businesses from public and private organizations to federal, state and local government agencies. Our senior leadership is our client's greatest advocate as well as dedicated stewards of their resources. This highly regarded group of professionals is the reason that many of our clients have been with us for decades. Our highlighted experience includes the following:

- The scope of our project experience includes infrastructure development, site designs, new standalone facilities, facility assessments, renovations, additions, repairs, and ADA upgrades. Our highly integrated project team understands the complexity of delivering projects across a vast system while maintaining overall WVANG goals. The team has extensive resources across all disciplines with a record for successful projects across West Virginia for over 45 years.
- L.R. Kimball has full in-house design services to manage your project from conception to ribbon-cutting, including architecture and facility engineering (Mechanical, Electrical, Plumbing & Fire Protection, and Structural Engineering), Surveying, and Geospatial Services.
- Our team regularly and successfully works with a variety of federal, state, and local agencies on multiple building types in support of government and public safety projects.
- Our team is more than capable of providing services efficiently and cost effectively on projects regardless of scope or scale. We view this type of project as an extension of our client's team and can provide immediate and nimble staffing to suit your immediate needs. Our subconsultant **Trophy Point** (Service-Disabled Veteran-Owned Small Business) shares a similar record of excellence and client service.
- We understand the challenges of maintaining your physical assets, preserving the efficiency of the WV State Department and the WV Army National Guard and the required supporting facilities. The L.R. Kimball team will be both partners and stewards in the process of expanding your facility.

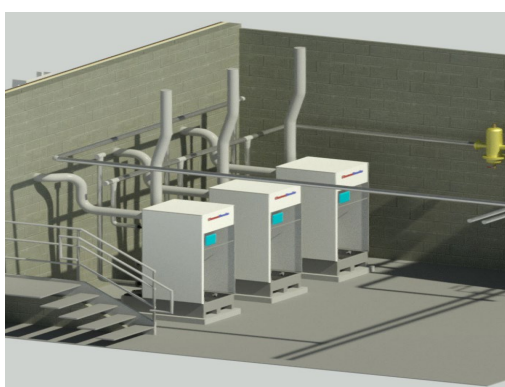
With Kind Regards,



David Rispoli, PE
L.R. Kimball Director of Architecture and Engineering



**Extraordinary outcomes are
the result of exceptional people.**





TEAM INTRODUCTION

For your project, we have assembled the following team of experts to handle any aspect of your project that may arise.

L.R. Kimball - Prime, Architecture, Building Systems Engineering, Civil Engineering, Surveying, Geospatial Services, and Construction Administration

- 67 Years in Business with an appreciation for our military that started with our Founder, L. Robert Kimball. After college graduation, L. Robert Kimball received a commission in the Army Air Corps. During World War II he served as Lead Navigator in B-17 aircraft with the Bloody 100th Bomb Group stationed in Thorpes-Abbotts, England. Through his flying service, he was awarded the Distinguished Flying Cross and other medals. Upon returning, he started a two-person consulting engineering firm specializing in civil engineering and surveying, which eventually grew into a full-service architecture and engineering design firm.
- Our Charleston office is located approximately 2 hours from the Brushfork Armory in Bluefield, WV.
- We've worked in WV for over 45 years.
- Our team has completed complex MEP system upgrades for a variety of project types including Government and Public Safety Facilities.
- Our team is adept at handling nearly any type of project from upgrades and improvements to new construction.

Trophy Point - Cost Estimator

- Service-Disabled Veteran-Owned Small Business
- Offices in Pittsburgh, PA and Blasdell, NY
- Trophy Point's team consists of construction industry professionals with diverse and complementary backgrounds, educations, training and collective experiences that benefit any project team they support.
- President & Owner, Rich Chudzik brings over 20 years of leadership experience across organizations and teams of varying functions, sizes, and industries. Rich has served as the Estimator-of-Record and Project Manager on several new-build and renovation projects.

The following pages describe in more detail, the firm backgrounds of each of our team members.



ARCHITECTURE & ENGINEERING DESIGN

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

L.R. Kimball's Firm Capabilities:

With offices in WV, PA, 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, and 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.

L.R. Kimball is a division of CDI Engineering Solutions, which offers leadership in industries that impact nearly every aspect of our lives. Together, we offer a full range of integrated engineering, design, architecture, and project support services to the energy, chemicals, and infrastructure markets. We offer proven project management capabilities, mature systems and processes, a network of 10 engineering centers and an incredible team of experts to deliver the most complex and challenging projects – safely, on time, and on budget.

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 colleges and universities, and to the government agencies serving our communities.

L.R. Kimball's portfolio includes projects in the following market sectors:

- Government
- Public Safety / Corrections / Justice
- Commercial / Industrial
- Education
- Sports and Recreation
- Aviation
- Highways / Bridges / Tunnels
- Civil / Water Resources





L.R. Kimball

PUBLIC SAFETY & GOVERNMENT EXPERIENCE

67 YEARS IN BUSINESS AND

OVER **45** YEARS OF GOVERNMENT

AND PUBLIC SAFETY FACILITY EXPERIENCE:

- MILITARY INSTALLATIONS & SUPPORT BUILDINGS
- MAINTENANCE FACILITIES
- PUBLIC SAFETY BUILDINGS
- MUNICIPAL BUILDINGS
- EMERGENCY OPERATIONS AND 911 DISPATCH CENTERS
- STATE POLICE FACILITIES WITH CRIME LABS AND FIRING RANGES
- SHERIFF'S HEADQUARTERS
- GOVERNMENT SERVICES CENTERS
- INTELLIGENCE CENTERS
- LAW ENFORCEMENT COMPLEXES
- COURTHOUSES
- FORENSIC CENTERS AND LABORATORIES
- GOVERNMENT OFFICES

65+ PUBLIC SAFETY
FACILITY PROJECTS

MORE THAN
\$185 MILLION
IN CONSTRUCTION VALUE

MORE THAN
800,000
SQUARE FEET OF SPACE DESIGNED

1,300+
TOTAL PROJECTS ACROSS
WEST VIRGINIA (ALL PROJECT TYPES)



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

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

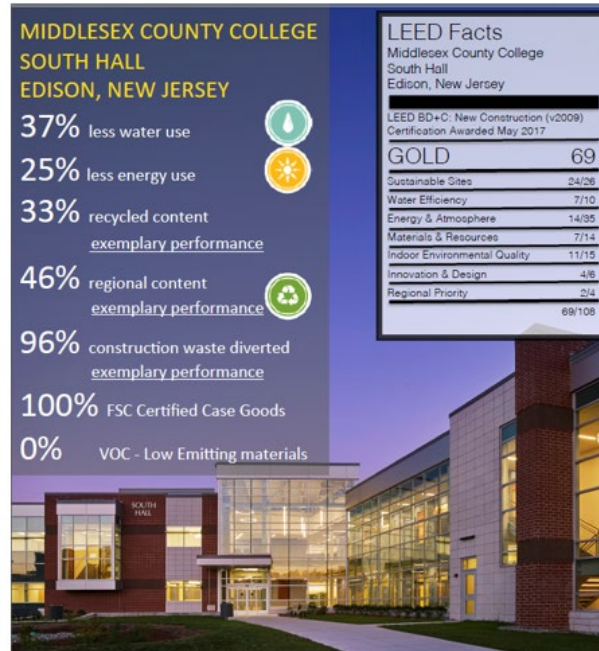
"Overall Middlesex County College had a very successful experience working with L.R. Kimball and our students are now benefiting from their work."

- 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

TROPHY POINT (SERVICE-DISABLED, VETERAN OWNED SMALL BUSINESS) COST ESTIMATOR

Firm Profile



Trophy Point is a certified **Service-Disabled, Veteran-Owned Small Business (SDVOSB)** that provides **Construction Cost Estimating, Construction Management Support, Owner's Representative Services and Construction Consulting** services. Within each of these areas, Trophy Point provides ancillary services, such as those shown below. The most common services offered by Trophy Point are cost estimating, scheduling, integrated design and constructability review services, staff augmentation, and owner's representation. Trophy Point's services enable the company to provide full pre-construction controls.

For decades, Trophy Point has provided Construction Cost Estimating services, where required, in the Pre-Construction, Construction, and Post-Construction phases of a project. In 2018, Trophy Point merged with Baer & Associates, a nationally-recognized cost consulting firm known for its estimating accuracy and thoroughness. The combination of Trophy Point's mission first approach with Baer & Associates' experienced staff and history enabled the new organization to integrate the best practices of both teams in a manner that resulted in tremendous synergistic benefits to the industry.

The Trophy Point team strives to assist their clients in understanding construction costs during the concept phase of a project and provides them with detailed and accurate estimates as a project design matures. Since 1976, the Trophy Point team has developed an ability to provide accurate estimates prior to the execution of formal design efforts in an unrivaled manner that enables clients to align their scope with their budgets quickly and effectively.

The Trophy Point team is capable of supporting their clients as a project transitions into Construction in several different capacities, such as Change Order Management / Review, Pay App Reviews and Construction Consulting. Trophy Point's understanding of the variables that impact costs and their associated magnitude on a project is unrivaled and serves as the bedrock upon which their team differentiates itself from other cost consultants.

Trophy Point also provides unparalleled Owner's Representative, Construction Management Support, and Construction Consulting services. Their understanding of how a project's costs are derived has enabled them to expand their professional services into many areas, such as Scheduling, Construction Administration, Staff Augmentation, Integrated Design and Constructability Reviews, and general Owner's Representation. Their team provides a "one-stop shop" for professional services required during all phases of a project. Trophy Point is flexible and able to accommodate the needs of their clients by providing any of these services in an independent capacity as well.

Trophy Point's team consists of construction industry professionals with diverse and complementary backgrounds, educations, training and collective experiences that benefit their clients and any project team they are a part of.

The Trophy Point team consists of professionals who work out of offices in Buffalo, NY, Pittsburgh, PA, and New York, NY. Based on the nature of Trophy Point's work, members of their team are continuously co-located with clients in the field as well.



Blasdell, NY | Pittsburgh, PA | New York, NY | 716-823-0006 | www.trophypoint.com

RELEVANT TEAM PROJECTS & REFERENCES

In the following pages, our team demonstrates recent and relevant experience to address all potential aspects of your project. Our team is ready to provide WV Army National Guard with full-service architecture and engineering design and construction administration services.

PROJECT NAME			
Component	MEP / HVAC / Energy Efficiency Upgrades	Renovations	New Construction / Additions
Armed Forces Reserve Center & Field Maintenance Shop, Williamsport, PA	X		X
U.S. Coast Guard, Rescue Swimmer Training Facility, NC	X		X
Toms River Regional Schools, Facilities Conditions Assessment & Improvements to 25+ buildings	X	X	X
Fayette County, New Prison, Uniontown, PA	X		X
FAA - A&E Services for Various Renovations including Complex MEP Upgrades	X	X	X
Mount Aloysius College, Boiler House Renovations, Cresson, PA	X	X	
PA State Police Troop E Headquarters & Shooting Range, Erie, PA	X		X
DE State Police, New Troop 6 Concept Design & Architectural Program, Wilmington, DE	X		X
IUP Chiller System Installation & Boiler Plant Upgrade	X	X	
Altoona Area SD, Boiler Room Addition & New Boiler	X		X
Central Cambria SD, Elementary School Boiler Replacement	X	X	
PA DGS, SCI Camp Hill Boiler House	X		X
Logan Township Municipal Complex and Vehicle Maintenance Garage, Altoona, PA	X		X
Chatham County Detention Center Campus Expansion and Renovations, GA	X	X	X
PA DGS New PennDOT Maintenance Facility	X		X
Dept. of Air Force, 911th ALW, A&E Services under a 6 Year Contract	X	X	X
Yeager Airport, Various Projects over 25 years	X	X	X
PA Turnpike Comm., Kegg Maintenance Facility	X	X	X
OGS State Armory - Boiler Replacement	X	X	
SUNY Buffalo State, Central Heating Plant	X	X	
Delaware Valley Intelligence Center (DVIC), Philadelphia, PA	X	X	

PA DEPARTMENT OF GENERAL SERVICES

ARMED FORCES RESERVE CENTER & FIELD MAINTENANCE SHOP, WILLIAMSPORT, PA

L.R. Kimball designed a two-story masonry building of approximately 75,000 square feet located on the existing Williamsport Armory site. Accommodations for the Army Reserve unit and two National Guard units were addressed in the project design solutions. This training facility also houses offices and administrative areas as well as a separate building for vehicle maintenance.

This project received Silver Level Certification under the LEED NC 2.2 rating system.

This project required a Special Exception to the City's Zoning Ordinance since the proposed military facility was not an approved use of the property, even though the project site was the location of the existing military facility. We worked closely with the Pennsylvania Department of General Services, the Pennsylvania Department of Military and Veteran Affairs, and the City of Williamsport to have the initial denial of the Special Exception vacated and to get the necessary Special Exception Permit granted by the Zoning Hearing Board.



KEY FEATURES

- New Construction
- Office / Vehicle Maintenance / Kitchen
- Assembly Hall / Classrooms / General Purpose Areas
- Coordination with Local, State and Federal stakeholders
- LEED Silver Certification

PROJECT COMPLETION 2011

TOTAL SQUARE FOOTAGE 75,000 SF

REFERENCE

Our Former DGS Reference for this project now works for FEMA: Andrew J DeGregorio, EIT, COR, CFMO, Senior Environmental Protection Specialist, DHS-FEMA/MS/OCAO/Sustainability & Environmental Management (SE) Programs
Phone: 202-646-2548; E-mail: andrew.degregorio@fema.dhs.gov

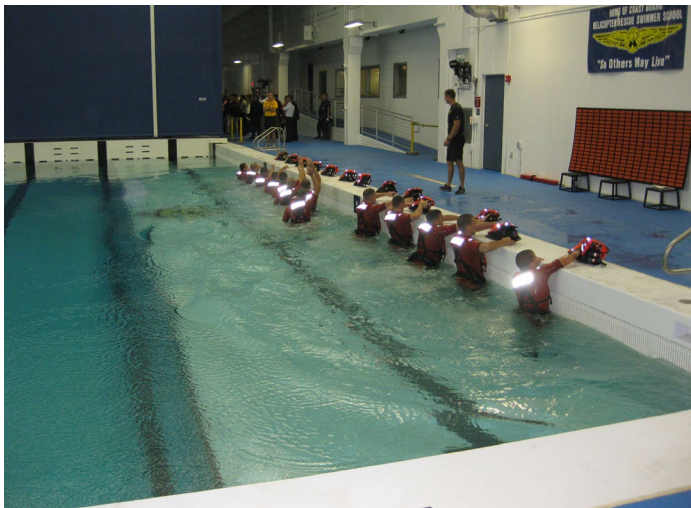


U.S. COAST GUARD

NEW RESCUE SWIMMER TRAINING FACILITY ELIZABETH CITY, NC

This design-build project consisted of a new one-story Coast Guard Rescue Swimmer Training Facility with two separate pool areas and various support spaces. One Olympic-sized pool was designated for training the rescue swimmers; the other UMET (Underwater Modular Egress Trainer) pool is smaller, but has a motorized crane which holds a mock-up of an aircraft fuselage and is used to train pilots, etc. to exit the aircraft if it goes down at sea.

L.R. Kimball was responsible for the design of the facility and subcontracted the pool design and electrical engineering to other consulting firms. L.R. Kimball also provided civil engineering services for the site.



PROJECT COMPLETION 2012

TOTAL SQUARE FOOTAGE

- 50,992 SF (Foot Print)
- 54,578 SF (Total Gross SF)

REFERENCE

Commander Nicholas DeLaura, Facilities Engineer
USCG Base Support
1664 Weeksville Road, Elizabeth City, NC 27909
Phone: 252-435-5438 (Cell)



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 & Subsequent Improvements - Renovations & Additions
- Complex MEP System upgrades across many buildings

PROJECT COMPLETION

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

SQUARE FEET

- Over 2.6 million SF

EST. CONSTRUCTION COSTS

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

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.
- **To enhance security, 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.
- **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.**
- **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.

MOUNT ALOYSIUS COLLEGE BOILER HOUSE RENOVATIONS, CRESSON, PA

L.R. Kimball provided remedial renovation design work to the existing historic boiler house building on Mt. Aloysius College Campus. The project included demolition of parts of the structure and contents, foundation repair, concrete slab rehabilitation and masonry restoration. Also included were miscellaneous structural steel replacement, roof wood truss repair, miscellaneous structural repair, new roofing, replacement of windows and doors, interior painting, miscellaneous repairs, installation of boiler ASME spool pieces, miscellaneous steam trap renovations, chemical feeder system repair, installation of gas train vents, miscellaneous piping repair, installation of pipe insulation, miscellaneous equipment and pipe painting, repair or replacement of steam water storage tanks and circulation pumps, removal of abandoned water storage tank and piping, upgrade lighting, and miscellaneous wiring replacement and miscellaneous electrical repairs. L.R. Kimball provided an alternate for the site landscaping design restricted to the immediate area around the boiler house building.



PROJECT COMPLETION

• 2000



FAYETTE COUNTY, PA

NEW PRISON, UNIONTOWN, PA

The existing Fayette County Prison is currently located at 61 East Main Street, Uniontown, PA. The existing jail opened in 1892 with additions in 1999. It has a capacity of 262 inmates, but has battled with overcrowding issues in excess of 300 inmates, forcing Fayette County to regularly lease additional bed space from other counties.

The former Army Reserve Training Center property was acquired by the County as the location for the new County Prison. The existing buildings on this site will be demolished and site work is needed for this new, 114,500 square foot, 170-cell, 330-bed prison.

This facility is designed to be four stories to be constructed with pre-cast concrete cells. Throughout the design of this building, the team is providing cost estimating and value engineering to ensure that this facility is safe and operationally efficient, while keeping the project within budget.

TOTAL SQUARE FOOTAGE 114,500 SF

PROJECT SCHEDULE

- Early Bid Packages for Asbestos Abatement, Demolition and Sitework, February, 2021.
- Prison project to be bid in March 2021
- Project completion by January 2023 with move-in by March 2023

PROJECT TEAM

- **L.R. Kimball** - Prime, Architecture, Mechanical/Electrical/ Plumbing/Structural Engineering, Demolition Consulting
- **McFarland Kisler & Associates** - Food Service & Laundry
- **Professional Systems Engineering** - Security / Telecom
- **Maser Consulting** (with support from **McMillen Engineering**) - Site/Civil Engineering and Permitting
- **SiteLogiq** - Construction Manager

EST. CONSTRUCTION COST

- Hard Construction Estimate: \$44,000,000
- Total Project Cost Estimate: \$51,700,000

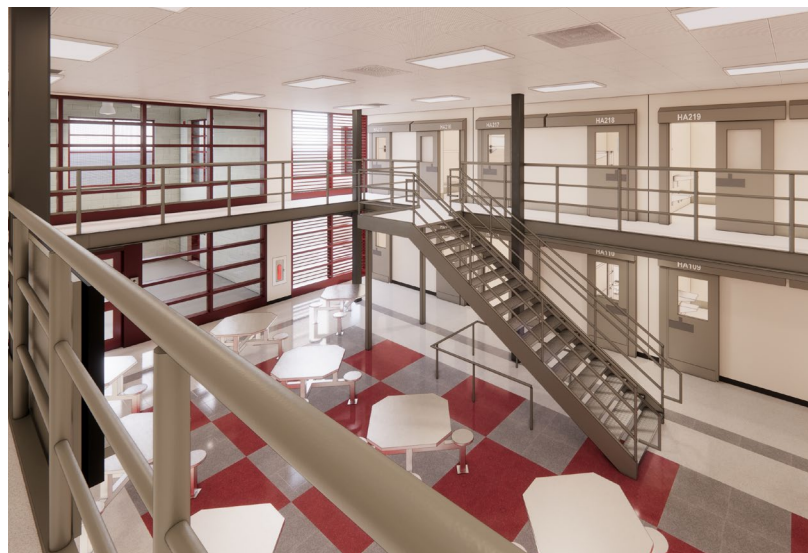
KEY FEATURES

- All Housing is Celled for Flexibility (as Opposed to Dormitories)
 - Maximizing the Ability to Classify Inmates and Segregate
 - This Ability to Segregate Can Also Help to Minimize the Spread of Infectious Diseases, i.e. COVID-19, Tuberculosis, etc.
- 170 Cells / 330 Beds / 4-Story (2 Stories with Two Mezzanines)
- Designed for Future Addition with 68 Cells / 132 Beds
- Pre-Cast Concrete Cells
- 20-Year Roofing System
- Direct Supervision Management
- Replica Training Cell Incorporated Near Roll Call / Muster Room for Officer Training
- Medical / Infirmary Cells are also Negative Pressure
- Isolation Cell with Ante Room
- Programming & Treatment Space for Inmate Rehabilitation & Education
- Safety & Security Features:
 - Separate Staff Entrance
 - Infrastructure for Body Scanners Provided for Intake and Staff Entry to Eliminate the Introduction of Contraband
 - Electromechanical Sliding Doors (as Opposed to Swing Doors) for Safety and Security of Inmates and Staff
 - Exterior Wall Acts as the Secure Perimeter while also being Aesthetically Pleasing; Blends Well into the Community; No Razor Wire Fencing



SUSTAINABLE FEATURES

- **High Efficiency Condensing Boilers** – Historically, non-condensing boilers were limited to ~85% efficiency and provided heating hot water at ~180 deg F. The design for Fayette County Prison utilizes high efficiency condensing boilers that are up to 95% efficient and implements control strategies which reset the heating hot water temperature from ~110 – 140 deg F based on building demand and outdoor conditions.
 - More efficient boiler operation means less natural gas is consumed to provide the same amount of heating.
- **Variable Flow** – The hot water pumps which circulate heating hot water throughout the building are provided with VFDs (Variable Frequency Drives) which will reduce the flow provided based on the demand of the building.
 - Reduced flow from the pumps will result in lower electrical consumption by the pumps
- **Energy Recovery** – The exhaust from the cells is processed through an ERV (Energy Recovery Ventilator) and energy is recovered to pre-condition the ventilation (outside) air before it is processed by the RTU (rooftop unit) serving the respective housing unit.
 - The use of energy recovery will reduce energy consumption by the building and the overall required capacity of equipment to heat/cool the spaces will also be reduced.
- **Economizer Operation** – When the outdoor conditions permit, the RTUs will use outside air to directly condition the space instead of using mechanical cooling.
 - Economizer operation will reduce energy consumption.
- **High Efficiency Condensing Water Heaters**
 - These type of heaters utilize a 5:1 turndown ratio of gas usage and are able to sustain 96% thermal efficiency, over the lifetime of the equipment.
- **Domestic Water Booster Pumps.** For maintaining adequate water pressure throughout the building are provided with VFDs (Variable Frequency Drives) which will reduce energy needed to provide pressure as needed to satisfied building demand.
 - Matching the required energy with the pressure required to meet the system demand will result in lower electrical consumption by the pumps.
- **Domestic plumbing fixtures.**
 - Non security lavatories and sinks are provided with automatic sensor-operated faucets. Reduction in water usage is accomplished by low-flow faucets, limited timed flow, and automatic shutoff. The no-touch operation provides additional hygiene for the occupant.
 - Security showers are limited to 1.6 gallons per minute and are controlled by the Officer-in-Charge to prevent excessive water usage.
- **Tile**
 - A minimum of 4%/5% recycled materials are used.
 - Plant has achieved a Green Squared certification from the TCNA – this is an certification standard that was developed based on ANSI A138.1 and applies to Crossville's porcelain tile products across multiple lines utilizing independent 3rd party scores across 5 categories from the product to the production process / recycling / governance.
- **Resilient Flooring**
 - The Armstrong LVT specified is RFCi and SCS Global Floor Score certified. It is a low VOC product with low maintenance requirements.
 - The Armstrong VCT specified is also a low VOC product that utilizes 25% recycled materials and is produced in the US with the majority of it's composition being locally quarried limestone. We specify with the Diamond 10 tech finish that reduces maintenance and chemical use after installation by over 50%.
- **Acoustical Ceiling Tile – the products specified meet the following sustainability characteristics**
 - Greenguard GOLD certified – low VOC products
 - Min. 50% recycled materials
 - Cleanable surfaces with high mold / mildew resistance
 - High performance both acoustically (better quality of environment for end user) and with light reflectance (reduces energy usage in lighting)
- **Paints and Coatings**
 - Most are low VOC products with inherent anti-microbial characteristics
- **Using LED lighting throughout the building** results in a lower lighting power density (watts/sq ft.). The proposed building wattage is 28% better than what code requires (allowed wattage: 90914W; designed wattage: 65314W).
- **Automatic shutoff for lighting throughout the facility** complies with the IECC (except for the secure areas which are controlled by the guard stations). Using these automatic shut off controls will help with facility's overall power consumption.



LOGAN TOWNSHIP

MUNICIPAL COMPLEX AND MAINTENANCE GARAGE, ALTOONA, PA

L.R. Kimball provided complete architectural and engineering services for the Logan Township Municipal Complex. The Complex consists of a two-story, approximately 20,000 square foot Municipal Building which includes space for the Township Police Department, Township Manager's Office, Emergency Management Office, Zoning, Sewer, and Tax Offices, and public meeting space. This building consists of a steel structural frame, precast concrete plank second floor and roof, and masonry infill at walls.

In addition, the Complex includes a 14,500 square foot Municipal Vehicle/Maintenance Garage. This structure is a pre-engineered steel building with interior masonry partitions. The garage includes an office/locker/break room area, mechanical repair/maintenance bays for vehicles, a truck/vehicle wash bay, storage bays for vehicles and equipment, and a secured vehicle impound area for Police use. The office is equipped with telephone and data communication connected through the Municipal Office Building. Maintenance areas are heated using natural gas-fired overhead radiant heat and the office/locker area is heated with a forced air unit. A rapid-fill water valve was also provided for the Township's street cleaner.



KEY FEATURES

New, municipal complex - police department, offices, public meeting space, emergency management, maintenance garage

TOTAL SQUARE FOOTAGE

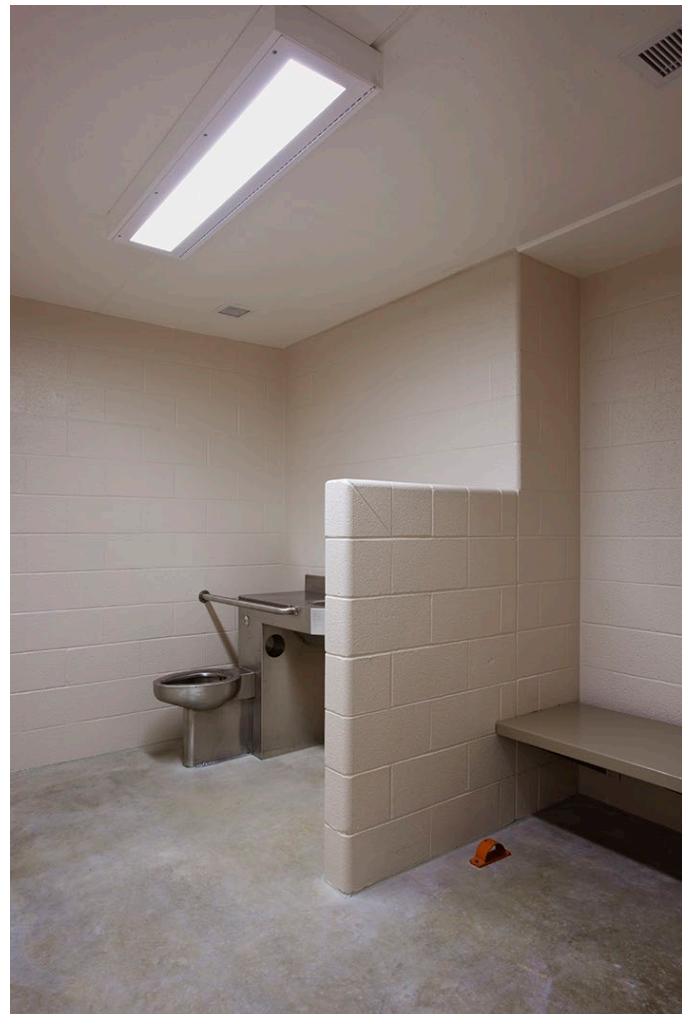
20,000 SF Municipal Building; 14,500 SF Vehicle/Maintenance Garage

CONSTRUCTION COST \$6.5 Million

PROJECT COMPLETION 2008

CLIENT REFERENCE

James Patterson, Chairman
Logan Township Supervisors
Phone: 814-944-5349; Email: jpatterson@logantownship-pa.gov



DEPARTMENT OF THE AIR FORCE, 911TH AIRLIFT WING

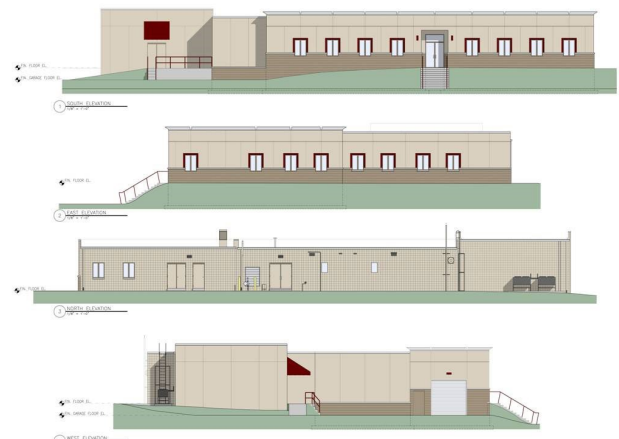
ARCHITECTURE & ENGINEERING DESIGN SERVICES UNDER A 6 YEAR CONTRACT, PITTSBURGH, PA

L.R. Kimball provided architecture and engineering services under an Indefinite Delivery/Indefinite Quantity contract for the Department of the Air Force 911th Airlift Wing from 2007 to 2013. Select projects under this IDIQ included:

- **Construct Parking Lot, Aircraft Maintenance**
- **Repair Airfield Lighting, East & West Apron:** Design repairs to the airfield lighting for the east and west apron to provide lighting levels in compliance with UFC 3-530-01.
- Renovations and additions to an existing one-story, 6,000 square foot communications facility
- **Repairs and replacement sections for portions of the existing concrete paving and stormwater piping at the POL area.** Our team also designed a new access road for the POL (Petroleum Oil Lubricants).
- **Design of a new addition at the dining facility** to provide handicap accessibility to the upper and lower level of the building
- **Repair / Maintain NDI Shop B 409:** Design services for interior renovations which included interior finish renovations, minor repairs to existing interior and exterior doors/frames, minor HVAC modifications and the additions of curbs and landscaping.
- **Maintain/Repair Base Supply Building, 312:** Design services for renovations to a concrete slab at a high-density storage area and to office areas and women's restrooms and replacement of exterior windows to meet ATFP requirements.
- **Design of a 1,840 SF addition to the Aircraft Generation Equipment (AGE) Shop.** Renovations included equipment storage space and a high bay space to accommodate a jack stand tester. Also provided an enclosed walkway passage to allow movement between adjacent buildings without going outside.
- **Construct Covered, Non-Heated MXS Storage Facility:** Design of a non-heated storage facility at the site of the previous fire pump station for Aircraft Maintenance. The structure is approximately 4,800 sf and has 4 large overhead doors and is intended to house aircraft maintenance equipment.
- **Repair/Renovations to Visiting Quarters Buildings 219:** Full interior and exterior renovation of a 2.5 story approx. 27,000 sf visitor's quarters. Converted the existing 28 units (2 are suites, 10 are private rooms with private baths and the remaining 16 private rooms utilize 4 central latrines) into 26 guest rooms, all with private baths including 2 suites.
- **Repair/Renovations to Visiting Quarters Buildings 209:** Full interior and exterior renovation of a 2.5 story approx. 27,000 sf visitor's quarters. Converted the existing 28 units (2 are suites, 10 are private rooms with private baths and the remaining 16 private rooms utilize 4 central latrines) into 26 guest rooms, all with private baths including 2 suites.

“Great job grasping the concept and bringing it to final design. Definitely an award winner.”

Robert Clifford, General Engineer,
Department of the Air Force 911th Airlift Wing
Project: Dining Hall Building 213



- **Repair/Renovations to Flight Operations Building 419:** Design included painting all interior walls, removing and replacing suspended ceiling tile panels throughout the building. Replacement of all carpeting and vinyl cove base. Replace all flooring in hallways with ceramic tile. Added ceramic tile wainscoting to all hallways; adjust affected electrical outlets/switches and replace cover plates, completely renovated all restrooms including new partitions, fixtures, accessories, mirrors, ceramic tile flooring and wainscoting, drywall ceiling as needed, replace lighting, switches, outlets and cover plates. Replaced 50 ton rooftop HVAC condenser and installed dehumidifiers for basement. Installed new interior signage. Design also included constructing a canopy enclosure at basement entrance/stairway ST2 to create windbreak to keep debris and rain from entering building. A Structural Interior Design (SID) package was included as part of the design.
- **Additional Projects include:**
 - Replace Roofs/Skylights, Building 125
 - Repair/Add to Security Forces Building 221
 - Repair/Replace HVAC System & Controls - Multiple Buildings
 - Repair Grill Exhaust Hood, Picnic Pavilion B5842
 - Conduct Wood Truss Study, Buildings 120 & 312



KEY FEATURES

- A&E services for airport / support building projects on an active Air Force Base
- Variety of projects involving repairs, upgrades, renovations, maintenance, new construction
- Design of specialized systems
- Multiple Tasks Orders over a 6 year contract, demonstrating client satisfaction
- Met budget and schedule goals
- Received Exceptional, Very Good, and Satisfactory ACASS Ratings

PROJECT COMPLETION DATES

2007-2013

FEDERAL AVIATION ADMINISTRATION (FAA)

ARCHITECTURE & ENGINEERING SERVICES FOR RENOVATIONS AT THE FAA WILLIAM J. HUGHES TECHNICAL CENTER AT THE ATLANTIC CITY INTERNATIONAL AIRPORT, NJ

The Federal Aviation Administration (FAA) William J. Hughes Technical Center (WJHTC) is the nation's premier aviation research and development, testing, and evaluation facility. The WJHTC serves as the national scientific test base for the FAA. WJHTC programs include testing and evaluation in air traffic control, communications, navigation, airports, aircraft safety, and security. They also include long-range development of innovative aviation systems and concepts, development of new air traffic control equipment and software, and modification of existing systems and procedures. This work is accomplished and supported in numerous buildings of various age, size, function, style, and condition throughout the property.

L.R. Kimball is providing architectural as well as mechanical, electrical, and plumbing engineering design services to Maser Consulting P.A. in support of a five-year, Indefinite Delivery/Indefinite Quantity (IDIQ) contract with the Federal Aviation Administration (FAA) for facilities projects at the William J. Hughes Technical Center (WJHTC) at the Atlantic City International Airport.

Projects related to this contract include analysis for new and/or existing facilities; design (preliminary, final, and bidding documents) for new construction, renovations, alterations, restorations, change in use, additions, utility improvements and electrical/mechanical/fire protection system upgrades or reconfigurations.



KEY FEATURES

- Federal IDIQ Contract
- 9 Task Orders to date
- \$18 Million+ in Construction Costs
- Variety of project types: additions and renovations including complex MEP system upgrades

PROJECT COMPLETION

- Varies per Task Order
- 2014 - Current (work orders extending into 2021)

REFERENCE

David D. Smith, P.E.
Federal Aviation Administration (FAA)
William J. Hughes Technical Center
Project Engineering and Construction Section
Bldg 305, ANG-E342
Atlantic City International Airport, NJ 08405
Office: (609) 485-5966
Cell: (609) 471-1053

INDIANA UNIVERSITY OF PENNSYLVANIA

CHILLER SYSTEM INSTALLATION AND BOILER PLANT UPGRADE, INDIANA, PA

L.R. Kimball provided design services for the installation of a new chiller system and modifications to the existing boiler plant to accommodate the chiller system and associated equipment for IUP. Included in this project was a steam absorption chiller, oil/gas boiler, asbestos abatement, and direct digital control.

PROJECT COST \$3,625,000

PROJECT COMPLETION 2002

ALTOONA AREA SCHOOL DISTRICT

BOILER ROOM ADDITION & NEW BOILER, ALTOONA, PA

L.R. Kimball provided design services for a boiler room addition and a new boiler for the existing Curtin Building.

PROJECT COST \$450,000

PROJECT COMPLETION 2001

CENTRAL CAMBRIA SCHOOL DISTRICT

JACKSON ELEMENTARY SCHOOL BOILER REPLACEMENT, JOHNSTOWN, PA

L.R. Kimball prepared new boiler drawings and specifications to replace boilers. This included survey of existing conditions, demolition drawings, and replacement of boilers, condensate pumps, piping, and controls.

PROJECT COST \$70,000

PROJECT COMPLETION 1996

PA DEPARTMENT OF GENERAL SERVICES

SCI CAMP HILL BOILER HOUSE, CAMP HILL, PA

L.R. Kimball provided design services for the existing gatehouse building was demolished and new construction of a 2-story main gatehouse now connects the existing guard towers.

PROJECT COST \$298,000

PROJECT COMPLETION 1996



VARIOUS PROJECTS AT YEAGER AIRPORT CHARLESTON, WV

L.R. Kimball has been working at Yeager Airport for over 25 years on 55+ projects. Projects at Yeager Airport have included:



New Bill Noe Flight School for Marshall University



L.R. Kimball provided options for a Master Plan to reflect future aspirations of Marshall University for a School of Aviation program at Yeager Airport in Charleston, WV and Tri-State Airport in Huntington, WV. The University is planning to split their program into two parts: An Aviation Maintenance Technology program focused on fixed wing and rotor maintenance at Tri-State Airport and a Flight School based at Yeager Airport. A student residence is intended to provide housing at the South Charleston campus to support first-year students. This project involved:

Program - Site Analyses and Building Spaces:

- Our work included confirmation of building locations and sizes. The Aviation Technology program is to be located in a former Armory building which would be renovated to accommodate lab space, classrooms and offices. The Flight School consists of two new buildings – a 12,000 SF Hangar and an adjacent 10,000 SF Classroom Building. The study also included programming and concept plans for a Student Residence for 50 students located adjacent to existing parking at the South Charleston campus. Concept plans included housing and food service requirements and limitations of the site grades, access and vehicle circulations.

Conceptual Studies:

- Building survey of existing building to be renovated
- Diagrammatic layouts and proposed building plans
- Simple massing models showing approximate volumetric description of the new building(s)
- Rough order of magnitude cost estimates
- Schedules that outlined key milestones for design and construction

Design:

- Marshall University, in conjunction with Yeager Airport, intends to build a new, \$6.6 million Hangar and Classroom Building to house the Bill Noe Flight School as part of the new School of Aviation program scheduled to start in the Fall of 2021.
- The 10,600 SF Classroom Building includes three classrooms, a large multi-purpose room, a flight simulation room, offices, a gaming room, two pilot planning areas and a large lounge space with collaborative seating and a fireplace and other support spaces.
- The 12,000 SF Hangar has space to store up to seven planes which will serve Marshall University well into the future.
- An addition is planned for the Classroom Building for additional classroom space and a second hangar can be constructed on the site as well as additional parking to allow for the program to expand in the future.



New US Customs Building

L.R. Kimball is providing architecture and engineering design services for a new 5,120 SF US Customs and Border Protection Building at Yeager Airport in Charleston, WV. This federal building will provide the necessary spaces and equipment required for the secure facility. The building will be connected to the Capital Jet Center by an enclosed walkway. Expanded public parking and a new drop-off canopy at the entrance to the Jet Center are also included in this project.

Estimated Construction Cost: \$3,009,000.

Additional projects include:

- FBO Garage and Line Shack
- Relocate Rental Car Facilities
- Airport Maintenance Facility
- Design of Runway 5-23 Drill
- Rehabilitate Runway 5-23 and Runway Safety Area Analysis, and Access Taxiways
- Terminal Building Renovations/Expansion
- Taxiway A Relocation Environmental Assessment
- Runway 5 Obstruction Removal and Runway
- Runway 5 Obstruction Removal EA & Pre Design
- Environmental Form A R/W Safe
- Environmental Form C Runway Safe
- Aircraft Forecasts and Noise Control
- Master Plan with GIS Component
- Rehabilitate Taxiway A & B at Main Apron; Extend Taxiway A to Runway 5 End; Obstruction Removal Runway 5 End-Design; Rehabilitate and Redesign Taxiway B, Phase 2 Design & Construction
- Taxiway C Realignment with Runway Closure, Design
- Relocate Taxiway C Realignment, Ph2, Construction
- Runway Threshold Light Bar Mod Re-Design
- Runway 5 Obstruction Removal, Phase 2 (Tree Clearing Construction Phase 2)
- Commercial & GA Apron Lighting Improvements
- Wildlife Study (WHA & WHMP)
- Engineer of Record (July 2012-June 2014) w/ Natural Gas Well Installation
- Ground Obstruction Removal, Phase 3 (Construction)
- Pavement Management Study
- EMAS Evaluation Study
- Develop CSPP for Loading Bridge Project at Yeager Airport
- Stormwater Drainage Outfall Study at Yeager Airport
- Landslide Short-Term Aide
- RPZ Plan
- Drainage Improvements, Phase 2
- Land Acquisition - Runway 5 Protection Zone
- DBE Plan Reporting for Yeager Airport FY16-18
- Acquire Land in the Runway 5 RPZ, Ph 1 (Environmental Assessment)
- Rental Car Facility and Fueling Terminal
- Jet Hangar Facility
- Oversight for Miscellaneous Projects (2018)
- Extend Eagle Mountain Road, Phase 1 (Design)
- Extend Eagle Mountain Road, Phase 2 (Construction)
- Relocate and Reconstruct Buildings, Phase 1 (Design)
- GA Area Master Plan Update (2019)
- Improve Airport Drainage (Slip and Erosion Repairs)
- Building Demolition (GA Hangars and Line Shack)
- DBE Program Development & Reporting FY 2019-2021
- 2020 Yeager Expand/Rehabilitate GA Terminal Parking Lots
- Garage Assessment
- Site & Parking Lot Development for Bill Noe Flight School
- Apron for Marshall University Flight School
- Repair Maintenance Slip, Program Management
- Environmental Services (2005)
- S&S Wetland Mitigation and Monitoring

PENNSYLVANIA TURNPIKE COMMISSION

KEGG MAINTENANCE FACILITY, MANNS CHOICE, PA



KEY FEATURES

- Locker Rooms/Break Room/Admin Areas
- Maintenance Facility
- Feasibility study and full service design - Architecture, Mechanical/Electrical/Plumbing/ Fire Protection/ Structural/Civil Engineering / Water Resources
- Work Order under an Open-End Contract with PTC

PROJECT COMPLETION

- Study: 2015
- Renovations & Additions: 2019

TOTAL SQUARE FOOTAGE

- 13,488 SF Additions (Maintenance Garage: 11,288SF; Two Bays at Truck Shelter: 2,200 SF)
- 7,622 SF Renovations (Administration Area: 5,000 SF; Truck Shelter: 2,622 SF)

REFERENCE

Carl Mittereder, Manager, Facilities Design/
Engineering
PA Turnpike Commission
Phone: 717-831-7569

The Kegg Maintenance Facility is comprised of a maintenance building, truck shelter, fuel island, miscellaneous storage sheds, and open yard facilities for vehicle parking and material storage for the Pennsylvania Turnpike Commission (PTC). L.R. Kimball first completed a feasibility study which was limited to the maintenance building and truck shelter. The existing maintenance building and truck shelter are pre-engineered metal framed buildings. The maintenance building, constructed in the 1980s, required interior renovations, and the canopy enclosure building, which was added in 1992, required enclosures with roll-up doors. The truck shelter facility, constructed in 2004, required a heating system and building insulation for exterior enclosures. The feasibility study included critical code and energy-related information, a line item cost estimate, and design/construction schedules. The results of the study enabled the Pennsylvania Turnpike Commission to make long-term and prioritized decisions for a design and construction project. This approach accelerated the overall project schedule because decisions were made during the approval process for the feasibility study.

As a result of the feasibility study, additions and renovations to the Kegg Maintenance Facility, located at Mile Marker 132, involved interior renovations of the administrative areas, restrooms, and office spaces; demolition of existing garage bays; and construction of a new pre-engineered garage building with additional bays.

As part of the administrative area renovations, the PTC requested an enlarged lunch room which also serves as a meeting room and contains two additional work spaces for traveling PTC staff. The new maintenance garage addition contains two larger repair bays which are twice the size of the original space, support spaces for vehicle maintenance, a vehicle wash bay, and a storage bay.

This project was completed as a Work Order under an Open-End Contract with the Pennsylvania Turnpike Commission.



PENNSYLVANIA DEPARTMENT OF GENERAL SERVICES

TROOP E STATE POLICE HEADQUARTERS & SHOOTING RANGE, ERIE COUNTY, PA

L.R. Kimball was retained by the PA Department of General Services to provide architectural and engineering services for this project, which will include a new Headquarters Building with a 50 yard Firearms Range; a new vehicle maintenance garage and procurement and supply building, as well as parking for 180 vehicles.

The project originally included the design of a 62,250 SF crime lab. The crime lab portion of the project was eliminated from the project scope during the schematic design phase, due to cost and replaced with a firearms range.

The project is currently on hold, as the State looks for a new, better suited site for this State Police Headquarters.

L.R. Kimball is teamed with MWL on this project.

Components of the project include space for:

- Command Staff
- Scientific Services
- Criminal Investigation
- Drug Identification
- Forensic Services Unit
- Vice/Intelligence
- AFIS
- Patrol Section
- Ballistics
- Collision Analysis
- Commercial Vehicle Enforcement
- Motor Carrier Enforcement
- Vehicle Fraud Investigation
- Communications Desk
- Records
- Staff Services
- Troop Administration
- Evidence Storage (Inside HQ)
- Impound Yard



KEY FEATURES

- New building with offices, storage and multiple law enforcement functions
- Originally included a crime lab
- Coordination with various State agencies
- 50 yard fire arms range
- Maintenance garage

PROJECT COMPLETION TBD -This project is on hold, as the Client looks for a new site. The site previously selected by the Client has wetland implications.

TOTAL SQUARE FOOTAGE 58,435 SF

CLIENT REFERENCE

Jim Danner | Director
Pennsylvania State Police | Bureau of Staff Services
Facility Management Division.
1800 Elmerton Ave | Hbg PA 17110
Phone: 717.705. 0845 | Fax: 717.772.1426
Jamdanner@pa.gov

STATE OF DELAWARE

FEASIBILITY STUDY & CONCEPTUAL DESIGN FOR A NEW DELAWARE STATE POLICE TROOP 6 FACILITY WILMINGTON, DE

L.R. Kimball, as a consultant to RG Architects, provided architectural design services for the preparation of a study and conceptual design for a new 40,050 SF Troop 6 Building as well as a 12,960 SF Vehicle Maintenance and Evidence Storage Building.

Components of the Vehicle Maintenance & Evidence Storage Building include:

- Vehicle Wash Bay
- Vehicle Maintenance
- IT/Mechanical/Electrical Rooms
- Maintenance Office/Toilet and Shower Room

Components of the Main Building include:

- Public Lobby/Community Room
- Secured Area with interview rooms, conference room, offices and work room
- Troop Support Area with Physical Training Room, Gender Neutral Locker Room, Break Room, Janitor Closet, Traffic/Patrol room, and Collision Reconstruction Unit
- Evidence Storage & Processing
- Arrest Process & Holding
- Building Support / Mechanical Loft



KEY FEATURES

- Study & Concept Design for a New State Police Facility with Vehicle Maintenance and Evidence Storage Building

PROJECT COMPLETION

- Study (February 2020)

ESTIMATED PROJECT COST \$36,498,090

TOTAL SQUARE FOOTAGE

- Troop 6 Building - 40,050 SF
- Vehicle Maintenance and Evidence Storage Building - 12,960 SF

REFERENCE

Jerry Rozanski, Principal, RG Architects (Prime)
200 West Main St., Middletown, DE 19709
Phone: 302.376.8100
Email: jerry@rgarchitects.net

Relevant Experience

OGS State Armory – 5th Avenue – Replace Boiler & Equipment

Location: New York, NY

Client: Friedman Fisher Associates, P.C.
Shaun DeMaranville
518-458-7040 | sdemaranville@friedmanfisher.com

Scope: This project featured the replacement of the two 300 bhp fire tube steam boilers with two 138 bhp natural gas cast iron sectional steam boilers, including boiler room combustion air supply fan, replacement of the boiler feed unit, vacuum steam condensate pump units, makeup water, steam system piping & specialties, boiler breeching. Work also included expansion to the existing direct digital control system, enhanced steam control zoning, and venturi nozzle air turbine type destratification fans.

Years: 2021

Cost Estimate: \$2M

SUNY Buffalo State – Reconstruct Central Heating Plant

Location: Buffalo, NY

Client: RMF Engineering
Rick Borkowicz
410-576-0505 | rick.borkowicz@rmf.com

Scope: This project involved providing a detailed 4-phase estimate as well as a constructability review. The project included the removal of six 42,000-gallon underground fuel tanks along with the contaminated soil around them, removal of two brick-set boilers, abatement and mechanical upgrades to right-size the boiler plant for the more efficient campus layout and service loads.

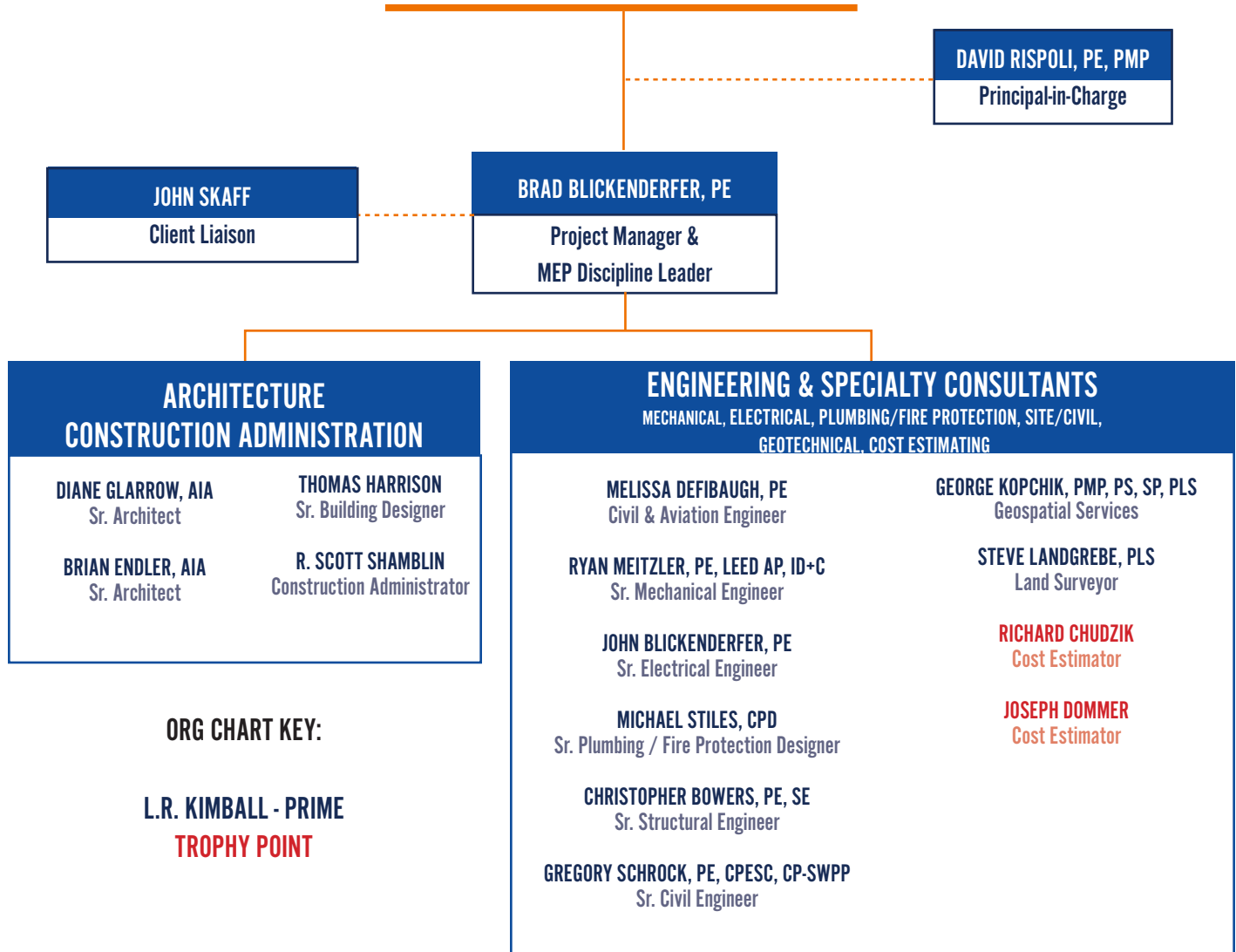
Years: 2018

Cost Estimate: \$25M



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ORGANIZATION CHART & RESUMES





DAVID RISPOLI, PE, PMP

PRINCIPAL-IN-CHARGE



David brings 33 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 public safety, municipal, judicial, correctional, healthcare, conference/office, commercial, manufacturing, transportation, and educational facilities.

YEARS OF EXPERIENCE

- 33 Years

EDUCATION

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

REGISTRATIONS/ CERTIFICATIONS

- **WV, 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

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

Maser Consulting P.A.

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

Pennsylvania Turnpike Commission

- New Kegg Maintenance Facility, Manns Choice, PA
- Mezzanine Storage Load Capacity Structural Analysis and Design Services at Three Maintenance Facilities in District 3, New Cumberland, Mt. Gretna, and Bowmansville, PA
- Bowmansville Maintenance Facility Feasibility Study, Bowmansville, PA

Central West Virginia Regional Airport Authority, New U.S. Customs Building at Yeager Airport, Charleston, WV

Marshall University, Master Plan Options for Housing on the South Charleston Campus and Design of the New Bill Noe Flight School at Yeager Airport, WV

Laurel Valley Golf Club, Maintenance Building, Ligonier, PA

Centre County, Video Surveillance System Upgrades at the Centre County Correctional Facility, Bellefonte, PA

Penn State University, Multi-Sport Locker Room Feasibility Study and Renovations, State College, PA

Allegheny County Department of Public Works, A&E Services under an Open-End Contract, Allegheny County, PA

Lockheed Martin, Owego, NY

- Schematic Design Review for US101A Helicopter Integration Facility
- VH-71 Program Facility
- Phase IIA Conceptual Development of CSAR-X Facility

PA Department of General Services

- New PA State Police Headquarters, Crime Lab, and Shooting Range, Erie, PA
- New Armed Forces Reserve Center & Field Maintenance Shop, Williamsport, PA
- New Armstrong County Maintenance Facility, Kittanning, PA

York County Emergency Services Center, Design Services for a Pre-Manufactured Garage, Dillsburg, PA

Cabell County Emergency Services Center, Huntington, WV

California University of Pennsylvania, Design Services for Locker Room at Roadman Park, California, PA

Indiana University of Pennsylvania, Chiller System Installation and Boiler Plant Upgrade, Indiana, PA



BRAD BLICKENDERFER, PE

PROJECT MANAGER & MEP DISCIPLINE MANAGER



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 government and commercial facilities, K-12 and higher educational facilities, hospitals, and office buildings.

As Project Manager, Brad will be your primary contact. He will communicate with your internal project team on a regular-basis, develop and negotiate fees and contract terms, administer the contract for services, and coordinate with outside consultants. In addition, Brad will be responsible for staffing, scheduling, design oversight, and implementation of the L.R. Kimball quality assurance/quality control process.

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.

Brad's relevant project experience includes:

Maser Consulting P.A.

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

New Fayette County Prison, Uniontown, PA

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

Centre County, Video Surveillance System Upgrades at the Centre County Correctional Facility, Bellefonte, PA

Allegheny County Department of Public Works, A&E Services under an Open-End Contract, Allegheny County, PA

Department of the Air Force, 911th Airlift Wing, Various Renovations/Additions Coraopolis, PA

- Project JLSS 11-0002 A/B, Repair/Add to Security Forces, Bldg 221
- JLSS 12-0002 Repair Airfield Lighting, East and West Apron

Sheetz Inc.

- Corporate Headquarters and Training Center, Claysburg, PA
- Renovations to Existing Corporate Offices (Four Buildings), Altoona, PA and Claysburg, PA

PA Department of General Services, PAARNG Readiness Center, Hermitage, PA*

- Complete Electrical Design of New Army National Guard Readiness Center

PA Department of General Services, Stryker Brigade Building – Punxsutawney, Punxsutawney, PA*

- Complete Renovation to Existing Stryker Building

PA Department of General Services, Stryker Brigade Building – Bradford, Bradford, PA*

- Complete Renovation to Existing Stryker Building

PA Department of Corrections, New Office Building, Mechanicsburg, PA*

- Complete Electrical Design of New Department of Corrections Office Headquarters Building

US Air Force, Youngstown Air Force Base – New Soldier Housing, Youngstown, OH*

- Complete Electrical Design of New Housing Unit Complex

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

YEARS OF EXPERIENCE

- 23 Years

EDUCATION

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

REGISTRATIONS/ CERTIFICATIONS

- **WV, Professional Engineer, 2012**
- Professional Engineer in Seven Additional States

AFFILIATIONS

- Institute of Electrical and Electronics Engineers



DIANE GLARROW, AIA

SENIOR ARCHITECT



Diane brings sure and certain knowledge and over 35 years of experience to every project she is involved with. And, as knowledge + experience = wisdom, Diane's "big-picture" vision keeps complex projects on track, on time and on-budget. Diane has extensive expertise in the design of new and renovated facilities. She also has current and relevant experience working in West Virginia.

Diane's relevant project experience includes:

YEARS OF EXPERIENCE

- 36 Years

EDUCATION

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

REGISTRATIONS/ CERTIFICATIONS

- **WV, Registered Architect, 2012**
- Registered Architect in Six Additional States

AFFILIATION

- American Institute of Architects

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

Central West Virginia Regional Airport Authority, New U.S. Customs Building at Yeager Airport, Charleston, WV

New Fayette County Prison, Uniontown, PA

Logan Township Municipal Building & Maintenance Garage, Altoona, PA

Sheetz Inc.

- Corporate Headquarters and Training Center, Claysburg, PA
- Renovations to Existing Corporate Offices (Four Buildings), Altoona, PA and Claysburg, PA
- Architectural/Engineering Services for Prototype Stores, New Stores, and Renovations to Existing Stores in PA, MD, NC, OH, VA, and WV

Department of the Air Force, 911th Airlift Wing, Coraopolis, PA

- Repair (Replace) HVAC System - Multiple Buildings
- Repair/Replace HVAC Controls - Multiple Buildings
- Construct Addition to Dining Facility 213
- Construct Addition to AGE Shop Building 420
- Maintain/Repair Base Supply Building 312
- Construct Covered, Non-Heated MXS Storage Facility
- Construct Parking Lot - Aircraft Maintenance
- Repair Grill Exhaust Hood - Picnic Pavilion B5842
- Conduct Wood Truss Study - Buildings 120 and 312
- Alter/Repair/Maintain Survival Equipment B 408
- Repair/Maintain NDI Shop B 409
- Replace Roofs/Skylights - Building 125

Westmoreland County Community College

- New Education Center Latrobe, PA
- Public Safety Training Academy Class A Burn Building, Smithton, PA

Mount Aloysius College, Cresson, PA

- Convocation Center
- Renovation and Addition of Alumni Hall/Theatre
- Cosgrave Center Expansion/Renovation
- Misciagna Residence Hall
- McAuley Residence Hall



BRIAN ENDLER, AIA

SENIOR ARCHITECT



Brian brings nearly 20 years of experience and expertise in all phases of architecture, engineering, and construction management. Specific responsibilities have included 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. Brian's experience includes the design of municipal, public safety, correctional, office, commercial, educational, and healthcare facilities. These project types encompass both new construction and renovations.

YEARS OF EXPERIENCE

- 19 Years

EDUCATION

- B.A. Architecture, Lehigh University, 2001

REGISTRATIONS/ CERTIFICATIONS

- **WV, Professional Architect, 2015**
- Registered Architect in three additional states

AFFILIATIONS

- American Institute of Architects – Central PA Chapter
 - Director of Programs (2013-2014)
 - Vice President (2015-2016)
 - President (2017-2018)
- Laurel Municipal Inspection Agency, Board of Appeals

HONORS

- PA Business Central - Foremost Under 40

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

Benedum Airport Authority, Terminal Building at the North Central WV Airport, Bridgeport, WV

Logan Township, Space Needs Analysis/Assessment of Existing Municipal Building and Design of the New Logan Township Municipal Building, Altoona, PA

City of Pittsburgh, Renovation of Sixth Floor of City/County Building, Pittsburgh, PA

New Fayette County Prison, Uniontown, PA

Olympus Air, New Corporate Hangar at the Hazleton Regional Airport, Hazleton, PA

State College Municipal Building, State College, PA

International Brotherhood of Electrical Workers Local Union 126, New Safety & Training Building Concept Design, Ebensburg, PA

Lancaster Airport, New Corporate Hangar with Offices, Lancaster, PA

Wings Field Preservation Associates, New Hangar, Blue Bell, PA

Indiana University of Pennsylvania, Indiana, PA

- Kovalchick Convocation and Athletic Complex
- Chiller System Installation and Boiler Plant Upgrade

Mount Aloysius College, Cresson, PA

- McAuley Residence Hall
- Cosgrave Center Expansion/Renovation



THOMAS HARRISON

SENIOR BUILDING DESIGNER



Tom brings over 30 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 public safety, commercial, correctional, judicial, municipal, educational, residential, and recreational facilities. These project types encompass both new construction and renovations.

Tom's relevant project experience includes:

YEARS OF EXPERIENCE

· 31 Years

EDUCATION

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

Maser Consulting P.A.

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

Allegheny County Department of Public Works, South Park District 5 Warehouse, Pittsburgh, PA

Hancock County, New Office of Emergency Management/9-1-1 Center and Health Department Building Complex, New Cumberland, WV

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

- New Kegg Maintenance Facility, Manns Choice, PA
- Design services for the staff memorial at the entrance plaza of the Central Administration Building, Harrisburg, PA
- Bowmansville Maintenance Feasibility Study, Bowmansville, PA
- Mon-Fayette Expressway, New Jefferson Hills Warehouse, Canonsburg, PA
- Central Archive Facility Work, Middletown, PA
- Mezzanine Load Capacity Structural Analysis at Three Maintenance Facilities in District 3 Various Locations, PA
- Harrisburg West Interchange, Back Up Traffic Operations Facility, Interior renovations to existing 1,000 square feet garage building, Harrisburg, PA

PA Department of General Services, New Armstrong County Maintenance Facility, Salt & Equipment Storage Buildings, and Site Development, Kittanning, PA

Chamber of Business and Industry of Centre County, Technology Center Expansion at Innovation Park, State College, PA

TOTAL YEARS OF EXPERIENCE

• 36 Years

EDUCATION

- MS Civil/Structural Engineering, Virginia Tech
- BS, Civil Engineering, West Virginia Institute of Technology

REGISTRATIONS/ CERTIFICATIONS

- **WV, Registered Engineer, 1990**

AFFILIATIONS

- AISC (American Institute of Steel Construction)

SCOTT SHAMBLIN, PE

ENGINEER / CONSTRUCTION ADMINISTRATOR



Scott has over 35 years of experience as a Civil and Structural Engineer. Prior to joining CDI, Scott worked for the WV Department of Highways and several engineering firms. His experience includes commercial and industrial projects, residential projects, material handling and coal and coke processing plants, as well as bridge design and inspection work.

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

City of Huntington, WV Warehouse Structural Inspection

Valtronics Pre-engineered building foundation design and layout

Sony Drainage study for facility expansion

Sterling Construction Mgmt. Structural Design of New Residences at Greenbrier Resort

Adkins Design, Inc. Fisher's Chapel Church Expansion and Flood Wall

Potesta and Associates Troy Elementary Structural Renovation

Potesta and Associates Artisan Heights Retaining Wall Inspection

City of Huntington Concrete Bunker Design

Jarrett Construction Additional to Central Van and Storage Warehouse

Real Corp. Structural Framing of Existing Building for Office Usage

Edward Tucker Architects Associated Cardiology Building - Framing and Foundations

EIMORS Construction Lance Building Renovation - Five Story Structural Inspection and Recommendations. Addition of fire escape stairwell.

Adkins Design, Inc. Parkersburg Housing Authority Office Renovation and Addition

RC Contracting Residential Design - The Pointe at Northgate



MELISSA DEFIBAUGH, PE

CIVIL & AVIATION ENGINEER



YEARS OF EXPERIENCE

- 11 Years

EDUCATION

- BS, Civil Engineering, West Virginia University, 1996

REGISTRATIONS/ CERTIFICATIONS

- **WV, Professional Architect, 2014**
- Registered Engineer in Five Additional States

Melissa serves as an Engineer and Project Manager for L.R. Kimball's Aviation Services Group focusing on West Virginia and surrounding airports. With 11 years of experience as a Civil Engineer and Project Manager, she has experience in various civil engineering areas, primarily aviation engineering. Melissa has airport project engineering experience which includes airfield pavement evaluations, pavement construction and rehabilitation, T-hangars, perimeter fencing, obstruction evaluations, GIS surveys as well as various other airport expansion projects in accordance with FAA design circulars; Environmental project assessments including FAA CATEX and Short Form; Drainage evaluations and drainage design with NPDES permitting and FAA environmental documents; AutoCAD Civil 3D design including surfaces, alignments, profiles, corridors, assemblies and sections. Construction plan set and specification production with construction safety and phasing plans as well as project cost estimates. Construction management including addenda, Pre-Bid and Pre-Construction conferences, bid openings, submittals and change orders. Project management including grant applications, payment applications, certified payrolls, project draws, project budgets and project close-outs. She has prepared engineering design reports, construction management plans, DBE program documents and goals including assistance with compliance monitoring.

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

Elkins-Randolph County Regional Airport, Elkins, WV – Rehabilitate Runway 5-23

Elkins-Randolph County Regional Airport, Elkins, WV – Remove Obstructions from Runway 5-23 Approaches

Parish & Partners Airport Sign - Develop Sign Options for Greenbrier Valley Airport, Greenbrier County, WV

Appalachian Regional Airport, Williamson, WV – Rehabilitate Runway 8-26*

Braxton County Airport, Sutton, WV – Construct 8-Unit T-Hangar*

Grant County Airport, Petersburg, WV – Construct 6-Unit T-Hangar*

Elkins-Randolph County Regional Airport, Elkins, WV – Environmental Assessment*

Elkins-Randolph County Regional Airport, Elkins, WV – Conduct Mist Net Survey*

Kee Field, Pineville, WV – Rehabilitate Runway 8-26*

Logan County Airport, Logan, WV – Rehabilitate Runway 6-24 (Seal and Mark)*

Logan County Airport, Logan, WV – Install Perimeter Fence*

Logan County Airport, Logan, WV – Rehabilitate Main Apron*

Mercer County Airport, Bluefield, WV – Rehabilitate Runway 5-23*

Mercer County Airport, Bluefield, WV – Install Perimeter Fence*

Mercer County Airport, Bluefield, WV – Expand Main Apron*

Philippi/Barbour County Regional Airport, Philippi, WV – Acquire Land*

Summersville Airport, Summersville, WV – Remove Obstructions for Runway 22 Approach*

Upshur County Regional Airport, Buckhannon, WV – Rehabilitate Runway 11-29 (Seal and Mark)*

Upshur County Regional Airport, Buckhannon, WV – Rehabilitate Taxiways*

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



RYAN MEITZLER, PE, LEED AP ID+C

SENIOR MECHANICAL ENGINEER



TOTAL YEARS OF EXPERIENCE

- 15 Years

EDUCATION

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

REGISTRATIONS/ CERTIFICATIONS

- **WV, Registered 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 over 15 years of experience in the design of complex mechanical and plumbing systems for various types of projects including government open end contracts, offices, and industrial 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, Facilities Conditions Assessment and Subsequent Renovations/Additions/Repairs, Toms River, NJ
- Architecture and engineering design services for a variety of projects for the Federal Aviation Administration, Atlantic City, NJ

New Fayette County Prison, Uniontown, PA

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

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.

New 3-story building, approximately 137,000 SF, Built to Suit for a Government Agency, Sterling, VA*

- Designed as two separate projects, core & shell and tenant interiors, with two different architects. Mechanical design included six 75-Ton VAV RTUs for the typical floors as well as two small RTUs for the entry and loading dock areas.

CNA - Approximately 130,000 SF across 7 floors.*

- Tenant project designed before building construction began. Spaces consisted of open and closed offices, pantries, conferencing and training areas, IT rooms, data center and multiple SCIF spaces. Mechanical design consisted of a variable flow supplemental glycol system, multiple glycol-cooled AC units backed-up by a tenant generator. Acted as primary mechanical engineer and designed project in Revit.

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



JOHN BLICKENDERFER, PE

SENIOR ELECTRICAL ENGINEER



John has nearly 15 years of experience as an Electrical Engineer on a wide variety of project types, including facilities conditions assessments and government projects. 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.

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

John's relevant project experience includes:

Maser Consulting P.A.

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

Centre County, Video Surveillance System Upgrades at the Centre County Correctional Facility, Bellefonte, PA

New Fayette County Prison, Uniontown, PA

Franklin County Jail Video Surveillance System Upgrades, Chambersburg, PA

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

Sheetz, Inc., New Corporate Headquarters, Claysburg, PA

Chatham County Detention Center Expansion/Renovation, Savannah, GA

Bedford County Airport, New Hangar, Bedford, PA

New Garden Flying Field, Construction of Two Hangars, Landenburg, PA

Williamsport Regional Airport, Fuel Farm Relocation, Montoursville, PA

US Gypsum, Storage Shed, Washingtonville, PA

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



MICHAEL STILES, CPD

SR. PLUMBING AND FIRE PROTECTION DESIGNER



Michael currently serves as a Senior Plumbing & Fire Protection Designer. He has over 20 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. His experience also includes natural gas systems, stormwater piping and medical gas/vacuum piping.

His project experience includes correctional, educational, 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.

Michael's project experience includes

Maser Consulting P.A.

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

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

New Fayette County Prison, Uniontown, PA

Bedford County Airport, New Hangar, Bedford, PA

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

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

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 Headquarters, Erie, PA

Confidential Client, Office Fit-Out, State College, PA

State College Water Authority, Nixon-Kocher New Treatment Plant (Consultant to Gwin Dobson & Foreman), State College, PA

Cambria County Prison, Plumbing and Fire Protection Upgrades, Ebensburg, PA*

*Indicates project experience prior to joining 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)



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 industrial / commercial 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 OF EXPERIENCE

- 20 Years

EDUCATION

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

REGISTRATIONS / CERTIFICATIONS

- **LEAN Certified, 2020**
- **WV, Professional Engineer, 2006**
- Registered Engineer in 13 Additional States
- Illinois, Licensed Structural Engineer, 2010 (*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 PA - 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:

Maser Consulting P.A.

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

Indiana University of Pennsylvania, Chiller System Installation and Boiler Plant Upgrade, Indiana, PA

Allegheny County Department of Public Works, A&E Services Under an Open End Contract, Allegheny County, PA

PA Department of General Services

- New Armstrong County Maintenance Facility, Salt & Equipment Storage Buildings, and Site Development, Kittanning, PA
- New Armed Forces Reserve Center and Field Maintenance Shop, Williamsport, PA

New Fayette County Prison, Uniontown, PA

Washington County Justice Center Garage, Limited Engineering Services for Condition Assessment, Washington, PA

Concurrent Technologies Corporation, Structural Analysis of Mezzanine Floor Loading, Johnstown, PA

The Oak Group, Inc., Rescue Swimmer Training Facility (RSTF) at the US Coast Guard Support Center, Elizabeth City, NC

Lockheed Martin, VH-71 Program Facility, Owego, NY

California University of Pennsylvania, Convocation Center, California, PA

Mount Aloysius College, Cresson, PA

- Convocation Center
- Feasibility Study for Proposed Convocation Center
- Misciagna Residence Hall



GREGORY SCHROCK, PE, CPESC

SENIOR CIVIL ENGINEER



Greg has 24 years serving as a Civil Engineer and Project Manager for L.R. Kimball. He specializes in various aspects of site development and municipal design. On the municipal side, he is involved with the design of waterlines, sanitary sewers, pumping stations, and water systems. As a project engineer/manager, he is responsible for the design, project management, project meetings and coordination, project specifications, client interaction, and permit acquisition for various land development projects. He is 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.

YEARS WITH THE FIRM

- 24 Years

EDUCATION

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

REGISTRATIONS / CERTIFICATIONS

- **WV, Professional Engineer, 2006**
- Registered Professional Engineer in 3 Additional States
- Qualified Preparer of Stormwater Pollution Prevention Plans, No. 4251273
- Certified Professional in Erosion and Sediment Control, No. 5567

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.

Greg's relevant project experience includes:

PA Department of General Services, Various, PA

- New Headquarters Facility, P&S/Garage and Crime Lab, Erie Headquarters, Summit Twp., Erie County, PA
- New Armstrong County Maintenance Facility, Salt & Equipment Storage Buildings, and Site Development [Schematic Design], Kittanning, PA

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

Southpointe II Development, Washington County Authority, Canonsburg, PA

Carrie Furnace Industrial Park, Pittsburgh, PA - Re-development of an existing steel site (>100 acres)

Hancock County WV Board of Commissioners, Hancock County, WV

- New Office of Emergency Management/911 Center and Health Department Building Complex[Schematic, Wetland Assessment, Surveying and Mapping]

Clinton Commerce Park, Pittsburgh, PA

Jemsite Development, LLC, Lawrence Township, PA

- Lowe's Home Improvement Store - Land Development

ECHO Real Estate Services Company, Various Sites, PA and OH

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

- New Kegg Maintenance Facility, Manns Choice, PA
- Bowmansville Maintenance Feasibility Study, Bowmansville, PA



GEORGE KOPCHIK, PE, PMP, PLS

GEOSPATIAL SERVICES



YEARS OF EXPERIENCE

- 35 Years

EDUCATION

- Associate, Computer Aided Drafting and Design, Pittsburgh Technical Institute

REGISTRATIONS / CERTIFICATIONS

- FAA Remote Pilot Certification, 2019
- NC, Professional Land Surveyor, 1999
- SC, Professional Land Surveyor, 2003
- VA, Surveyor, 2010
- Photogrammetrist
- Certified Project Management Professional (PMP), #521453, 4/10/18

George's experience and education have provided him with the technical and management skills necessary for completing the most complex mapping projects. Over the past 35 years, George has had extensive experience in aerial photography, volume computations, digital orthophotos, GIS, and in producing topographic and planimetric maps. He is responsible for QA/QC activities including the checking and verification of planimetric and topographic maps, digital orthophotos, GIS projects, and stockpile inventories for numerous clients. Since joining L.R. Kimball, George has gained valuable knowledge in all phases of surveying, photogrammetric mapping, and GIS. He has been involved in planning, management, production, and delivery of many mapping projects undertaken by the firm. His knowledge, growth and diversity have moved him from his beginnings as a CAD Technician, to Project Manager, and then to Senior Project Manager. He served as an Assistant Operations Manager in the Geospatial Services Group and is currently the Director of Geospatial Services.

In summary, George has served in areas of mapping sciences such as project management, division operations, financial reports, budgets and estimates, technical and cost proposals, marketing, digital orthophotography, ArcInfo, KORK, Atlas, and Intergraph software, GIS applications, planning, and database design concepts, photogrammetry, surveying, data conversion, and stockpile inventories. George is also experienced in Microsoft Office.

George is experienced in managing the geospatial components of aviation related projects that require AGIS program specifications in accordance with Advisory Circulars 150/5300 -16A, -17C, and -18B.

A select list of his relevant experience includes:

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

Fairmont Regional Airport, Fairmont, WV

- Surveying and mapping related efforts for the obstruction mapping and analysis project.

Various Survey and Mapping Projects

- For over 31 years, George has worked on literally hundreds of surveying and mapping projects of various sizes and complexities. He served as the Project Manager for major projects like the Allegheny Energy TrAIL Project that consisted of surveying and mapping for the construction of a transmission line crossing four states. Currently his primary responsibility is to oversee the operations of the Geospatial team but he also manages projects as needed.

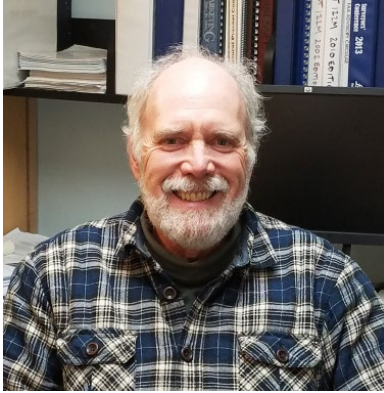
PA Department of Environmental Protection

- Project Manager for photogrammetric mapping and survey of 35 AMD sites for the PADEP.

Carrie Furnace Redevelopment, Allegheny County, PA

Cambria County Final Design, SR 0022, Section 005, PADEP

- Aerial photography, surveying and mapping activities in support of the engineering necessary for improvements to the existing 2-3 lane section to 4-5 lanes with realignment where necessary



STEPHEN LANDGREBE, PLS

LAND SURVEYOR



Steve serves as a Senior Survey Party Chief with over 30 years of experience. He has been responsible for various aspects of survey field work, data reduction, and production of the required survey deliverables. His years of experience include horizontal and vertical control networks, geometry, boundary and ALTA/ACSM surveys, right of way surveys, erosion and sedimentation control relating to stakeout of silt fence, etc. along with utility surveying and construction inspection. Since joining L.R. Kimball, Steve has gained valuable knowledge in various phases of surveying relating to architectural, civil design, photogrammetric mapping, stockpile volumes, and GIS projects.

YEARS OF EXPERIENCE

- 32 Years

EDUCATION

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

REGISTRATIONS / CERTIFICATIONS

- WV, Professional Land Surveyor, 2017
- NY, Professional Land Surveyor, 1995
- TN, Professional Land Surveyor, 2009
- PA, Professional Land Surveyor, 2013

Steve's relevant project experience includes:

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

WVDOT Statewide Open-End

- Surveying to establish photo control and set monumentation for several aerial photography and surveying projects in West Virginia.

Established reference circles and performed field surveying and office processing for the Thorn Run Interchange Improvement Project in Moon Township, Pittsburgh, PA.

CPV Fairview Power Plant, Vinco, PA

- 86 acre ALTA survey, established 5 permanent Class B Rod Marks, various property and boundary and easement surveys all relating to the property transfer and construction of a gas-fired generating station.

PADOT SR70/SR79 Interchange, Washington County, PA

- Surveying to establish photo control for photogrammetric base mapping. Re-established the existing horizontal and vertical geometry.

PA District 9 - SR 6219 Section 020

- As-built surveys and Kimberly Run Stream Relocation field surveying and office processing.

Lehigh-Northampton Airport Authority, Queen City AGIS Mapping (ALP Update; Obstruction Mapping and Removal), Allentown, PA

- Performed horizontal and vertical ground control network, runway centerline and profile surveys, planimetric detail surveying and field verification. Completed in accordance with the current FAA AC150-5300 -18B Airport GIS specifications.

Wal-Mart Stores, Inc., Kilbuck Wal-Mart Engineering Services, Kilbuck, Allegheny County, PA

- Performed field survey monitoring of numerous monuments throughout the site and processed GPS data collected to be updated in the monitoring report spreadsheets. CDI/L.R. Kimball provided design review, site monitoring, data collection, construction, and survey services to Wal-Mart Stores, Inc. following a significant landslide (1.5 million cubic yards) during the site grading of the River Pointe Plaza development. Immediately following the landslide, emergency efforts occurred to reopen SR 65 and the Norfolk and Southern railroad line. An extensive site monitoring program was established that included surface monitoring points, inclinometers, and piezometers. Data collected from the site was evaluated and a multi-phase construction plan was developed to stabilize the construction site.

Key Staff



Richard Chudzik

**President & Owner –
Estimator & Project Manager**

Background

Rich brings 20 years of leadership experience across organizations and teams of varying functions, sizes, and industries to Trophy Point. Rich has served as the Estimator-of-Record and Project Manager on several new-build and renovation projects.

Rich has worked as a Quantity Estimator, Project Manager, and Estimator-In-Charge. These projects have ranged from \$75,000 to \$250M in construction value. Prior to starting Trophy Point, Rich worked as an Estimator and Business Development Director for one of the Nation's most reputable Cost Consulting firms, Baer & Associates.

Prior to joining the Construction Industry, Rich worked in the Aerospace & Defense Industry where he served in several different capacities and at varying levels at Moog and General Dynamics Land Systems in General Management, Supply Chain, Business Development, and Operations. As a Veteran Infantry Officer who served in Iraq and Afghanistan, Rich has a passion for supporting our Veterans and their Spouses – something that served as an impetus behind the founding of Trophy Point. He is the recipient of a Bronze Star, Purple Heart and a graduate of several military schools, including Ranger, Airborne, Air Assault, Marine Corps Mountain Warfare, and SERE Level B schools.

Education

- *United States Military Academy, West Point, NY*
B.S. – Political Science & Computer Science
- *Duke University, Durham, NC*
M.B.A.
- *Cornell University, Ithaca, NY*
M.Eng. – Systems Engineering

Project Experience

- OGS State Armory – 5th Avenue – Replace Boiler & Equipment
- OGS Peekskill Armory – Replace Steam Boilers
- PA DGS Department of Military and Veterans Affairs – Combined Support Maintenance Shop
- Kingsboro Psychiatric Center – Replace Building Management System Building 2
- OGS Masten Avenue Armory Bathroom Renovations



Blasdell, NY | Pittsburgh, PA | New York, NY | 716-823-0006 | www.trophypoint.com

Key Staff



Joseph Dommer

Executive Vice President – Senior Estimator

Background

Joe brings 30 years of industry experience to the firm. With a degree in Construction Management Technology, Mr. Dommer's experience includes many public, university, K-12, healthcare, and complex industrial projects where he has served as the Chief Cost Estimator and/or Project Manager.

Joe has supported hundreds of projects that have ranged from \$100,000 to \$500M in construction value. He is also a graduate of the University at Buffalo Center for Entrepreneurial Leadership. Joe's experience is rooted in his time at Baer & Associates where he started in June 1991 as a Summer intern and became a full-time employee in May 1992. Joe's career path took him through several different roles at Baer & Associates, including Quantity Estimator, Project Manager, Vice President, and President in 2004.

In 2017, he co-founded Trophy Point with Rich Chudzik and has been applying his lessons learned from the industry over the past 30 years towards growing the company. Mr. Dommer is a member of the Erie Community College Civil Engineering / Construction Management Advisory Council, the Hilbert Board of Trustees, and an affiliate member of the Buffalo-Western New York Chapter of the American Institute of Architects.

Education

- *Erie Community College, Buffalo, NY*
Associates – Construction Management
- *University at Buffalo, Buffalo, NY*
Core program graduate – Center for Entrepreneurial Leadership

Project Experience

- St. Albans VAMC – Boiler Replacement
- Brooklyn VAMC – Boiler Replacement
- Rockland Psychiatric Center – Relocate Maintenance Department
- Delaware County DPW – New Highway Maintenance Facilities
- Ralph C. Wilson, Jr. Park – New Office & Maintenance Building and Comfort Station
- NYC Children's Center – Brooklyn Campus – Replace Building Management Systems, Buildings 1-3
- Bath VAMC – Renovate Bathrooms Building B24



Blasdell, NY | Pittsburgh, PA | New York, NY | 716-823-0006 | www.trophypoint.com

STAFF CERTIFICATIONS

Name:	DAVID A. RISPOLI
WV Professional Engineer:	PE License Number: 013582
	PE License Status: Active
	PE Issue Date: 12/15/1997
	PE Expiration Date: 12/31/2022

Name:	ROBERT S. SHAMBLIN
WV Professional Engineer:	PE License Number: 011057
	PE License Status: Active
	PE Issue Date: 09/12/1990
	PE Expiration Date: 12/31/2022

Name:	BRAD STEVEN BLICKENDERFER
WV Professional Engineer:	PE License Number: 019920
	PE License Status: Active
	PE Issue Date: 10/29/2012
	PE Expiration Date: 12/31/2022


Name:	RYAN BRETT MEITZLER
WV Professional Engineer:	PE License Number: 022580
	PE License Status: Active
	PE Issue Date: 10/10/2017
	PE Expiration Date: 12/31/2022

Name:	MELISSA DEFIBAUGH
WV Professional Engineer:	PE License Number: 020752
	PE License Status: Active
	PE Issue Date: 05/20/2014
	PE Expiration Date: 12/31/2022

Name:	CHRISTOPHER M. BOWERS
WV Professional Engineer:	PE License Number: 017076
	PE License Status: Active
	PE Issue Date: 12/28/2006
	PE Expiration Date: 12/31/2022

STAFF CERTIFICATIONS

Name:	GREGORY L. SCHROCK
WV Professional Engineer:	PE License Number: 017035
	PE License Status: Active
	PE Issue Date: 12/05/2006
	PE Expiration Date: 12/31/2022



West Virginia Board of Architects

The registry

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Credential:

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Name	Credential ID	Expiration Status	Renewal Date	Expiration date
GLARROW DIANE	4454	Not Expired	2020-06-10	2021-06-30



West Virginia Board of Architects

The registry

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Credential:

Select

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Name	Credential ID	Expiration Status	Renewal Date	Expiration date
ENDLER BRIAN	4751	Not Expired	2020-06-13	2021-06-30

CERTIFICATE OF *Authorization*

STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS

*The West Virginia State Board of Registration for Professional Engineers
having verified the person in responsible charge is registered in
West Virginia as a professional engineer for the noted firm, hereby certifies*

CDI-INFRASTRUCTURE, LLC DBA L. R. KIMBALL

C03828-00

Engineer in Responsible Charge: RICHARD E. GENDAY - WV PE 013348

*has complied with section §30-13-17 of the West Virginia Code governing
the issuance of a Certificate of Authorization. The Board hereby notifies you of its
certification with issuance of this Certification of Authorization for the period of:*

January 1, 2020 - December 31, 2021

providing for the practice of engineering services in the State of West Virginia.

IF YOU ARE REQUIRED TO REGISTER WITH THE SECRETARY OF STATE'S OFFICE,
PLEASE SUBMIT THIS CERTIFICATE WITH YOUR APPLICATION.

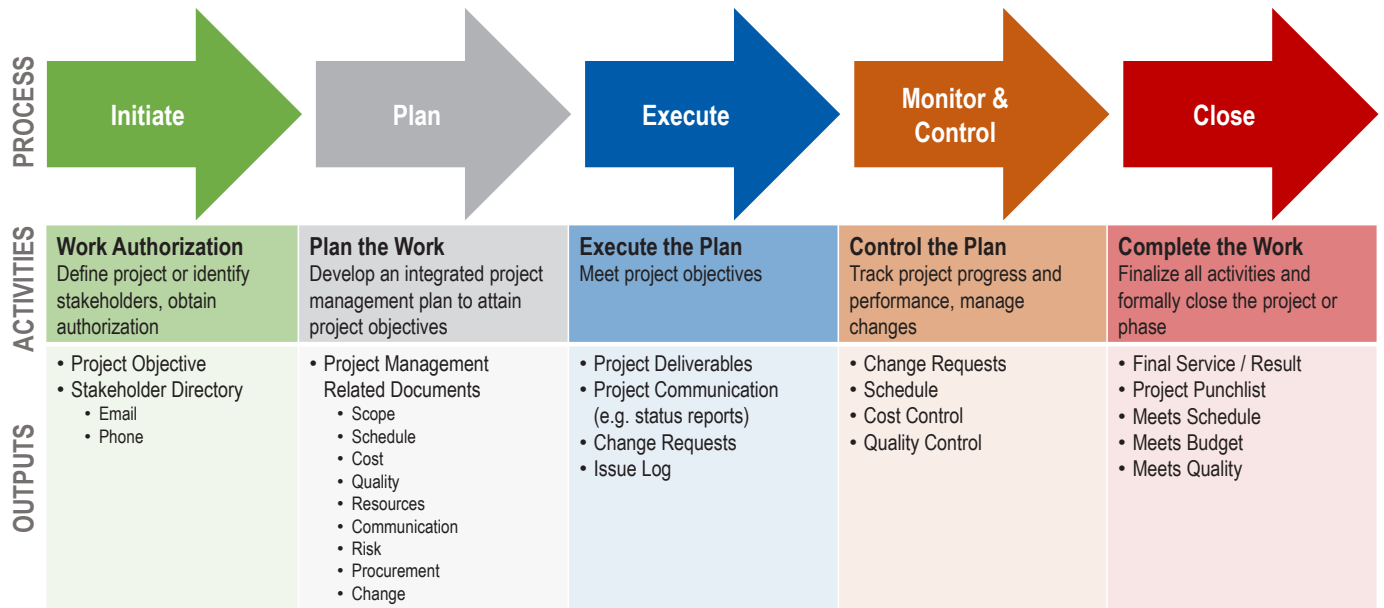


IN TESTIMONY WHEREOF, THE WEST VIRGINIA STATE BOARD OF
REGISTRATION FOR PROFESSIONAL ENGINEERS HAS ISSUED THIS COA
UNDER ITS SEAL, AND SIGNED BY THE PRESIDENT OF SAID BOARD.

BOARD PRESIDENT



SECTION II - APPROACH & METHODOLOGY



PROJECT MANAGEMENT INSTITUTE PROCESS

Project Approach

We believe that face-to-face discussions and reviews are an effective method of resolving issues related to the interface of a proposed design solution with applicable standards that can, in some instances, be open to interpretation. This approach is also a benefit to a client's understanding of the rationale that drives the design.

In addition to experience and capabilities, successful projects depend on solid project management. L.R. Kimball has adopted the Project Management Institute's (PMI's) methodology as our own. L.R. Kimball project managers are trained in the PMI processes and knowledge areas and many of our project managers are certified Project Management Professionals (PMPs). Project success is our goal from initiation to closeout.

Our comprehensive project management approach addresses the key project components of scope, time, cost, quality, communications, and risk. The Project Manager integrates these components as well as all of the project stakeholders and provides the Client with a single point of contact for all team resources. The Client and Project Manager work closely to solidify the project requirements. Our team is committed to working with the Client to address any issue impacting the project.

Our team first seeks to clearly understand and define the mission and priorities of the client relative to the project. We take the time to understand the environment, the culture, the constraints, the operational implications, and the client's historical information that have bearing on the project.

From start to finish, our process assures that these items are integrated into the project requirements. Our understanding of your specific needs and objectives enables us to deliver on your unique objectives while providing an effective, cost-saving, and value-creating solution.

Planning plays a major role in the project's success. The Plan, Do, Check, Act cycle is formed by the planning, execution, monitoring, and controlling processes. Project success is assured when the PMI process is combined with our depth of experience. The following provides a brief overview of our project management approach to the key project components of scope, time, cost, quality, and communications.

Scope Management

The project scope is based on the understanding of the needs of the stakeholders that we include from the start of every project. We manage scope by thoroughly delineating what is and what is not included in the project. The Work Breakdown Structure (WBS) is our fundamental planning tool that defines scheduled activities and deliverables. All aspects of the project are thought through. The WBS provides a way to monitor and control the project including scope changes.

Change requests can be the single biggest threat to completing a project successfully on time and on budget. Therefore, all requested changes must be evaluated to determine their impact on the project's scope, budget, and schedule. Requested changes are sometimes straightforward, such as adding a new task, but, more commonly, the change is less obvious, such as completing one task before starting another. L.R. Kimball analyzes the impact of each requested change, communicates the impact, and makes our recommendation to the client. If the requested change is approved through the change management process, L.R. Kimball updates the Project Plan and coordinates required contractual updates.

Time Management

Having identified project scope, our team is able to anticipate the time line and activity durations. The project schedule is developed with project milestone requirements and other time-sensitive constraints. The project schedule provides L.R. Kimball and the client with a road map to track and coordinate the activities associated with the overall project. In addition, the project schedule will include major client-related tasks and activities that need to be completed to achieve the project milestones. In short, the project schedule enables progress reporting and supports monitoring activity to completion.

Throughout our projects, progress is monitored and reported through regular project team meetings. Actual progress is measured against the baseline schedule, resource needs are discussed, and roadblocks are resolved. Significant variances from the Project Plan are assessed and acted upon to keep the project in alignment with the Project Plan. If necessary, changes and options are discussed with the client.

Quality Management

L.R. Kimball maintains an in-house team of architects, engineers, and project managers who are experienced with government facility design and are responsible for rigorous quality assurance and quality control (QA/QC) of construction documents. These reviewers are typically not assigned to the project that they are reviewing, but they are familiar with the building type, thereby facilitating reviews through a "fresh set of eyes".

Our QA/QC team follows an established policy for drawing review and coordination. These reviews are in addition to the continual

reviews undertaken by the Project Manager, Project Architect, and Senior Technical Leaders within each discipline. These formalized QA/QC reviews take place at the 30%, 60%, and 90% stages of the production of construction documents. Our Project Manager works closely with the QA/QC team during this review process for each project.

L.R. Kimball's QA/QC reviews also include coordination of the architectural drawings with the documents produced by the mechanical, electrical, plumbing, and structural disciplines. In this regard, we are currently utilizing an interdisciplinary coordination process and construction document review system specifically designed to address points of interface, enabling both production personnel and our QA/QC team to locate discrepancies between disciplines.

Project Management Software

L.R. Kimball utilizes industry-leading software to assist in our project management approach and methodology. We have a comprehensive understanding of the project's needs and objectives by clarifying this information in both graphic and database forms.

We are able to coordinate the project-specific requirements with staff resources on a global enterprise system. The L.R. Kimball team meets weekly with resource staff to review project milestones, deliverables, and to coordinate with project managers the delivery of a successful project at every level of the project's duration.

The following information is a high-level overview of the software that we utilize and the benefits of these tools in our planning, execution, monitoring, and control over the life of a project.

Microsoft Project Scheduling Software:

We will establish a work breakdown structure for the project, assigning specific tasks and due dates to designated project team members to develop a baseline for the project schedule. This allows us to anticipate potential schedule slippage and develop schedule recovery options to ensure the project is kept on track.

Newforma Virtual Project Office Software:

Our team will utilize Newforma software to provide the entire project team, including the Owner, with the following benefits:

- Repository and access to all project documents (meeting minutes, design documents, submittal schedules, RFI logs, etc.).
- Ability to review, redline, and comment on design documents without the need for AutoCAD software.
- Ability to track project issues by responsible party and due date.
- Ability to track all construction phase activities, submittals, RFIs, change order logs, and more.

Project Resource Management Software:

Our project manager will update manpower requirements and review work assignments on a weekly basis to ensure the project is appropriately staffed. This software provides each staff member with their assignments for a two-week, look-ahead period. This benefits our Client by letting them know in advance when critical design decisions need to be made.

Cost Control

L.R. Kimball's procedures for cost control ensure that sufficient opportunity is provided to accommodate changes in scope prior to the final Design/Construction Documents Phase to avoid cost overruns. Construction cost estimates will be provided by L.R. Kimball personnel throughout the project. By continually addressing the cost implications throughout the early phases of design, the team is able to identify cost issues before unrealistic expectations are created. These estimates will be developed on a square foot basis initially and will be prepared at increasing levels of detail as the project documentation is developed. In addition, we will utilize an independent professional cost estimating firm to develop its own estimate. Any significant variances will be discussed and reconciled.

The key to successful estimating is the early identification of all components that carry a project cost, the establishment of an adequate project contingency, and confirmation of the workload in the marketplace with the local construction industry. Life cycle costs must also be taken into consideration in the selection of final finishes, equipment, and energy conservation measures as well. In order to maintain the project budget, it is critical to evaluate the budget at each phase of the project. In the budget development process, we will work closely with your representatives and/or any of your other consulting professionals to understand the cost ramifications of various design decisions.

Additionally, we understand the need to select systems that are economical from the day they are purchased throughout the life of the facility. Every major system is evaluated in terms of initial purchase, availability, operating/life cycle costs, and maintenance and replacement costs. Availability of long lead items is also taken into consideration, especially as it relates to project schedule and construction phasing.

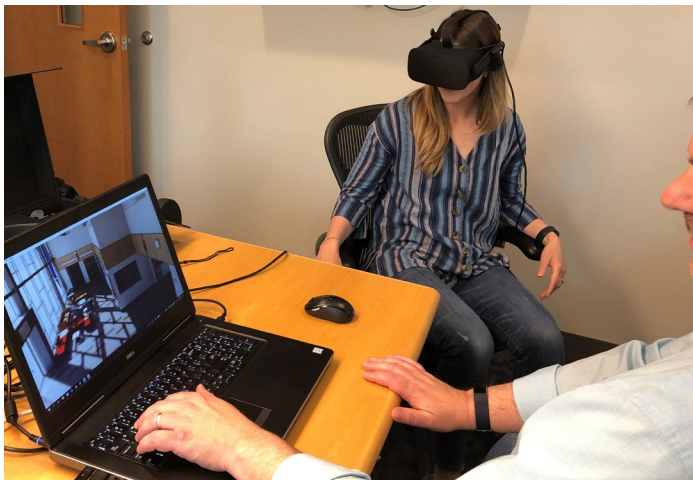


Building Information Modeling (BIM) / Virtual Reality

Building Information Modeling (BIM) is an intelligent 3-Dimensional, digital representation of the physical, functional, and spatial characteristics of a facility. 3D digital representations of a facility can be utilized by the project team during the entire lifecycle of a project. This software is used by our architects and engineers to communicate with owners and contractors during the design, construction, and operation of facilities.

The BIM database can encompass geographic information and special relationships, as well as specific component information that can be utilized for design analysis, engineering calculations, and quantitative properties for estimating. These capabilities can be tracked throughout the life cycle of a project, allowing for evaluation and assessment of decision made during the design of a project.

By incorporating Virtual Reality (VR) practices, the team can visually interpret the BIM model in real time, allowing for a more in-depth understanding of a project's design features and to make more informed decisions. When carried beyond the design phase, the BIM dataset can be utilized for fabrication of components, and for construction logistics / sequencing. After construction, the BIM dataset is also effective for maintenance and operation of facilities.



We utilize Revit as our primary design / engineering application when developing BIM datasets for projects. As hardware and software developments around the BIM process have advanced over the last several years, L.R. Kimball has developed an integrated approach that incorporates VR capabilities into our project workflow.

Capabilities include design visualization to immersive walk-throughs. Output options range from still images and animations to stand alone panoramic or virtual environments.

The BIM / VR combination also allows for an immersive experience with the addition of the latest headsets from Oculus and HTC. These visualization options help the entire team, including our clients understand and experience the project before construction begins..

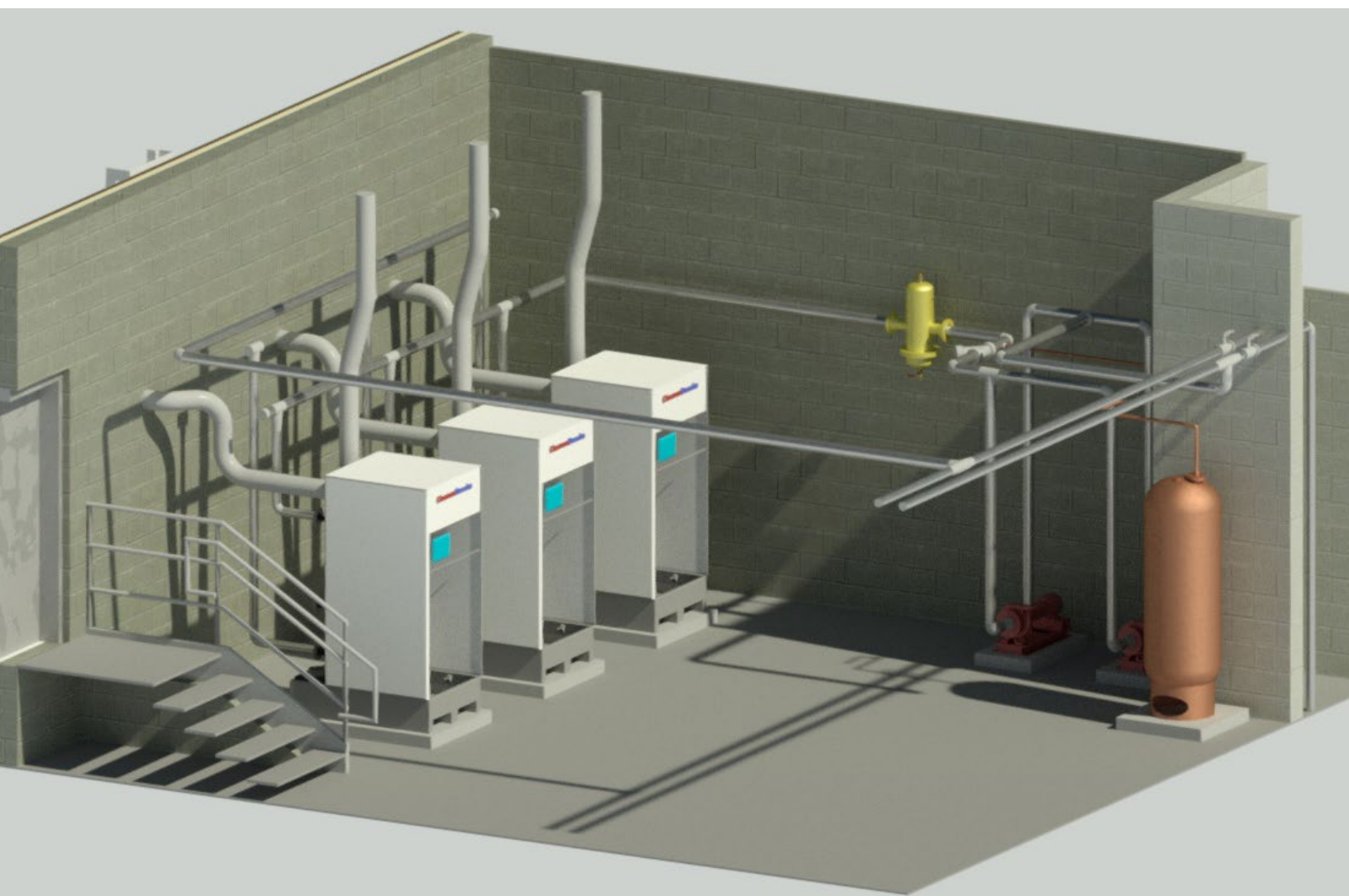
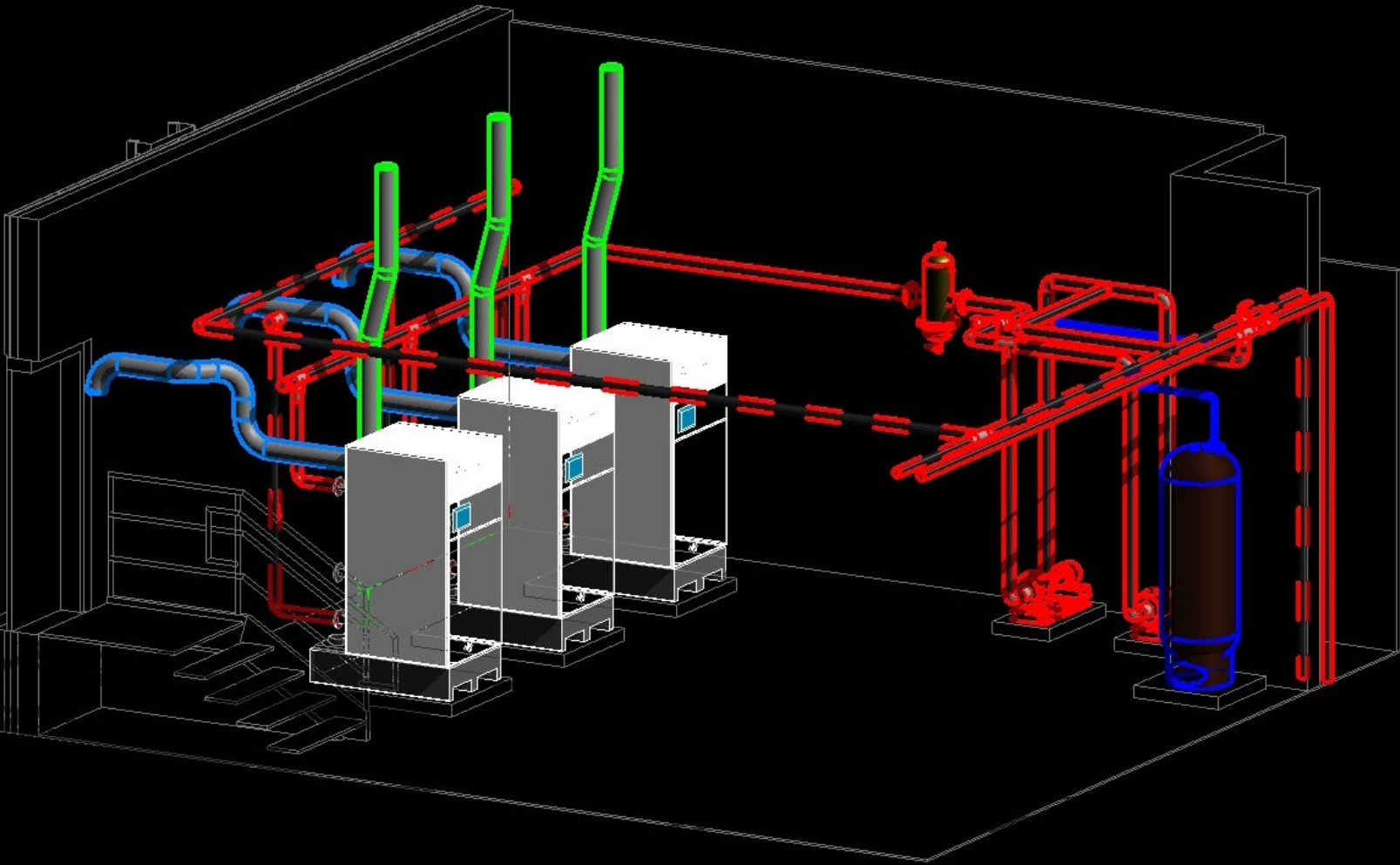
Communication Management

Communication and coordination among all parties is critical to assure successful execution of the Project Plan. During the project "kick-off" meeting with our team and client staff, we review the Project Plan, procedures for change control, project specifications, and production methodology to eliminate any misunderstandings and align with expectations. A vital part of this meeting is the discussion of project communications--specifically, what needs to be communicated, by whom, to whom, how often, and by what method. The result of this discussion is a communication plan that will frame the communication requirements for the project. At the center of all successful projects is clear, concise communication.



Additional Information

CDI-Infrastructure LLC dba L.R. Kimball representatives have reviewed the CEOI thoroughly. Upon selection, L.R. Kimball requests the opportunity to negotiate mutually beneficial terms and conditions.





SECTION III - FORMS

STATE OF WEST VIRGINIA
Purchasing Division
PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceeds five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (W. Va. Code §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Vendor's Name: CDI-Infrastructure, LLC dba L.R. Kimball

Authorized Signature:  Date: March 17, 2021
Commonwealth
State of Pennsylvania

County of Cambria, to-wit:

Taken, subscribed, and sworn to before me this 17 day of March, 2021

My Commission expires 8/18, 2023

AFFIX SEAL HERE

Commonwealth of Pennsylvania - Notary Seal
Carol A. Merryweather, Notary Public
Cambria County
My commission expires August 18, 2023
Commission number 1292620
Member, Pennsylvania Association of Notaries

NOTARY PUBLIC



Purchasing Affidavit (Revised 01/19/2018)

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

 Contract Administrator
(Name, Title)
Megan Polinsky, Contract Administrator
(Printed Name and Title)
615 West Highland Avenue, Ebensburg, PA 156931
(Address)
814-419-7861 / 814-472-6110
(Phone Number) / (Fax Number)
megan.polinsky@lrkimball.com
(email address)

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

CDI-Infrastructure, LLC dba L.R. Kimball
(Company)

(Authorized Signature) (Representative Name, Title)
Edward J. Jones, PE, Vice President
(Printed Name and Title of Authorized Representative)
March 17, 2021
(Date)
814-419-7886 814-472-7712
(Phone Number) (Fax Number)



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

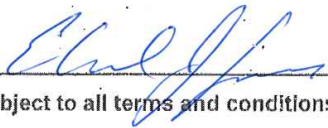
State of West Virginia
Centralized Expression of Interest
Architect/Engr

Proc Folder: 853816			Reason for Modification:
Doc Description: EOI- Brushfork Armory HVAC Design			
Proc Type: Central Purchase Order			
Date Issued	Solicitation Closes	Solicitation No	Version
2021-03-08	2021-03-24 13:30	CEOI 0603 ADJ2100000008	1

BID RECEIVING LOCATION
BID CLERK DEPARTMENT OF ADMINISTRATION PURCHASING DIVISION 2019 WASHINGTON ST E CHARLESTON WV 25305 US

VENDOR		
Vendor Customer Code:		
Vendor Name : CDI-Infrastructure, LLC dba L.R. Kimball		
Address : 500 Corporate Landing, Suite 200		
Street :		
City : Charleston		
State : WV	Country :	Zip : 25311
Principal Contact : David Rispoli, PE		
Vendor Contact Phone: 814-419-7897	Extension: 814-419-7897	

FOR INFORMATION CONTACT THE BUYER
Tara Lyle (304) 558-2544 tara.l.yle@wv.gov

Vendor Signature X 	FEIN# 27-2620523	DATE March 17, 2021
---	-------------------------	----------------------------

All offers subject to all terms and conditions contained in this solicitation



L.R. Kimball

CHARLESTON

500 Corporate Landing
Suite 200
Charleston, WV 25311
T 304.746.3500

PITTSBURGH

Frick Bldg - Suite 812
437 Grant Street
Pittsburgh, PA 15219
T 412.201.4900

EBENSBURG

615 West Highland Avenue
Ebensburg, PA 15931
T 814.472.7700

www.lrkimball.com