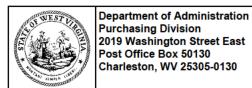


2019 Washington Street, East Charleston, WV 25305 Telephone: 304-558-2306 General Fax: 304-558-6026

Bid Fax: 304-558-3970

The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at *wvOASIS.gov*. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at *WVPurchasing.gov* with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.





# State of West Virginia Solicitation Response

Proc Folder:	1053663						
Solicitation Description:	Beckley Veterans Nursing Facility Architectural/Engineering						
Proc Type:	Central Purchase	Central Purchase Order					
Solicitation Closes		Solicitation Response	Version				
2022-06-21 13:30		SR 0613 ESR06212200000007920	1				

 VENDOR

 VS0000040734

 CBLH Design, Inc.

Solicitation Number: CEOI 0613 VET2200000001

Total Bid: 0 Response Date: 2022-06-21 Response Time: 11:26:57

Comments:

FOR INFORMATION CONTACT THE BUYER

Tara Lyle (304) 558-2544 tara.l.lyle@wv.gov

Vendor Signature X

FEIN# DATE

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

Date Printed: Jun 21, 2022 Page: 1 FORM ID: WV-PRC-SR-001 2020/05

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Develop A&E EOI & Other Documents For	1.00000	EA		
	Beckley Facility				

Comm Code	Manufacturer	Specification	Model #	
81101508				

**Commodity Line Comments:** Per the solicitation "BIDS MUST NOT CONTAIN PRICE INFORMATION" **Extended Description:** 

\_\_\_

Date Printed: Jun 21, 2022 Page: 2 FORM ID: WV-PRC-SR-001 2020/05



Architecture Planning Interior Design

Issued For:

# **State of West Virginia**

Beckley Veterans Nursing Facility Architectural/Engineering



June 21, 2022

7850 Freeway Circle Middleburg Heights, Ohio I 440.243.2000 I cblhdesign.com I Twitter: @CBLHDesign



Architecture Planning Interior Design

June 21, 2022

Bid Clerk
Department of Administration
Purchasing Division
2019 Washington, St. E.
Charleston, West Virginia 25305

Re: Beckley Veterans Nursing Facility Architectural/Engineering

To Whom It May Concern,

We recognize the critical need for thorough and responsive design solutions to address both the current and future needs of your facility. With over 50 years of experience, we are uniquely qualified to bring sustainable solutions that reflect the community that you serve.

The core mission of our company is to improve lives through design. We believe in creating spaces and experiences that fundamentally enhance our community's wellbeing and provide socially and environmentally responsive design. To accomplish this, we empower our clients to identify goals and metrics of success for their project. This process allows for a collaborative approach that ensures realized achievement for all project team members.

We have provided design services for multiple VAMC projects and have gained unique and beneficial insight into meeting the requirements of federal facilities. Being familiar with these specific processes provides greater potential efficiencies on each successive project.

Our team of professionals include architects board-certified by the ACHA (American College of Healthcare Architects) and multiple EDAC (Evidence-Based Design Accreditation and Certification) individuals. We are certain that our team is the most qualified to deliver your project. We are committed to providing you with exceptional service and capability to furnish the best solution. If you have any questions regarding our proposal, please do not hesitate to contact us.

Sincerely,

CBLH DESIGN, INC.

Michael D. Liezert, AIA, ACHA, LEED AP, EDAC

Stihul D. Lunger

Principal

mliezert@cblhdesign.com

# **Contact Information**









Firm Name: | CBLH Design, Inc.

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Jeffrey J. Valus, Principal - jvalus@cblhdesign.com

Scott G. Weaver, Principal - sweaver@cblhdesign.com

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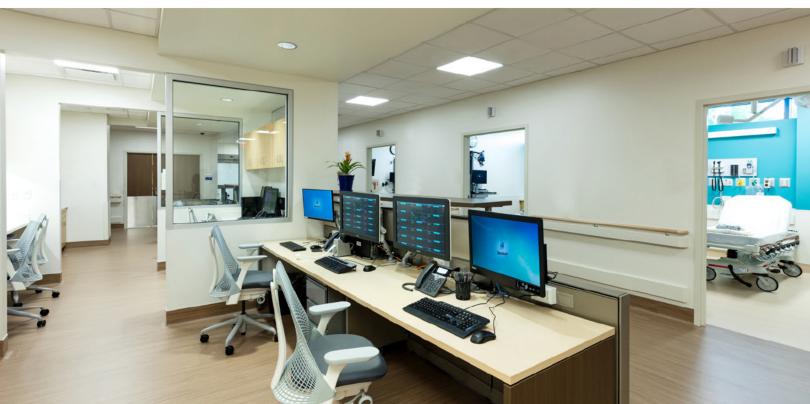




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# A. Corporation/Personnel Experience As It Relates To The Project





# **Our Firm**

CBLH Design is a proven leader in architecture, planning and interior design. For over fifty years, our firm has established successful partnerships with healthcare, library, higher education and many other clients. Led by Principals Mike Liezert, Jeff Valus and Scott Weaver, we strive to deliver unique and creative solutions to every owner and project. Our mission is to improve lives through design for our clients and their communities.

### Architecture

Our firm has a celebrated history of producing award winning designs for our clients and partners. This is achievable through a successful practice of collaboration and communication from project inception through completion. We strive to continually improve our process to bring our clients the most responsive solution possible that reflects their goals, objectives, mission and values.

# Interior Design

We believe that the built environment should provide a positive experience for any user or visitor to the space. Carefully responding with materials, colors, textures and scale, we create atmospheres that support the intended mission of the overall design and journey of its inhabitants.

# Planning

The execution of successful architecture relies on an understanding of the needs of the spaces we are creating. Developing the program of requirements for the building, campus or community is the fundamental base to every great project. We work with our clients to develop a unique program to ensure their vision is implemented throughout the design process.



# **Veterans Affairs Medical Center — Louis A. Johnson Ambulatory Care Improvements – Entrance Addition**



This project consisted of a 12,000 SF addition and 1,000 SF renovation to support Ambulatory Care and physical security. The first floor featured a new "front door" to campus by creating a new entrance and lobby space.

The lobby became the center of a defined circulation path to existing elevator banks and reorganized adjacent waiting areas. Primary care and health administration services (HAS) areas were expanded. Police/security/surveillance, outpatient pharmacy, and several patient support functions were relocated. Electronic patient check-in was also designed and installed.

Careful analysis of MEP infrastructure was required since this project abutted work from at least three projects of different vintages. In addition to the integration of the new systems with existing, the team coordinated load impacts with the VA staff to assist in strategic planning for their HVAC and power systems.

The project goal was two Green Globes certification. However, when registration was completed the project was awarded three Green Globes (LEED Gold equivalent).

Location
Clarksburg, West Virginia

Area of Project 13,000 SF

> Project Cost \$8.35 Million



# Veterans Affairs Medical Center - Dayton Renovate Primary Care for PACT Bldgs. 340 & 341





The goal of this project was to create a customer-friendly space for veterans while also aligning with the VA's Patient Aligned Care Team (PACT) space module design guide requirements. Phased renovations to 21,000 SF were completed without disruption to patient care and maintained at least 80% operations for clinical/patient space throughout the project.

Facility access was enhanced by an expanded vestibule with new entrances as well as a centralized reception area. Ease of public movement and flow throughout the hospital was improved by a new connecting corridor linking three buildings without access to patient care areas. Other site improvements included upgrades to staff areas and MEPT system modifications.

Location Dayton, Ohio

Area of Project 21,000 SF

> Project Cost \$6.23 Million



# Veterans Affairs Medical Center Dayton, Mental Health Renovation





VA Dayton's goal for this project was to improve the in-patient mental health facility. The current unit lacked daylighting and efficient flow and had sound control limitations. Working closely with the VA care team, we designed a new flexible 14-bed behavioral health until by renovating 16,000 SF in the main hospital tower.

The design introduced separate circulation paths for staff and patients to minimize distractions from off-stage activities. The space is enhanced with excellent views of patient areas from the centralized circular nurse station, full views into patient rooms, separate female patient spaces, a flexible quiet retreating room, anti-ligature safety solutions and amenities. First egress is provided in key staff interface areas with centralized control of lighting, utilities, music, and entertainment systems. Daylighting and views are enhanced by lighting tuned to natural circadian rhythms. Natural materials including a stone fireplace and extensive integrated nature imagery compliment the flexible public spaces allowing this behavioral health solution to provide for veteran's needs well into the future.

Location Dayton, Ohio

Area of Project 16,000 SF

> Project Cost \$5.4 Million



# Veterans Affairs Medical Center — Wade Park Center for Women's Health









The number of veterans treated annually in Cleveland has grown 22% in the past decade. Encounters for women veterans have increase twice as quickly so there was an immediate need to expand this department.

We designed a new 14,500 SF addition for Women's Health services. It includes 14 exam rooms, multiple Patient Aligned Care Team (PACT) rooms, individual check in/out reception areas, private patient toilets, private doctor offices, conference and break rooms for staff. A second floor penthouse for rooftop mechanical equipment was also included.

The site selected by the VA on the Wade Park campus was challenging. It was bordered on the north by an existing patient parking garage and on the south by the Learning Exchange (LX) building. Our team created connections to the new Women's Health addition at both the first floor and second floor atrium levels to provide smooth operation and access. This connection included a new primary entrance to the LX.

This project achieved Three Green Globes certification.

Location Cleveland, Ohio

Area of Project 14,500 SF Addition



# University Hospitals Samaritan Richland Health Center













CBLH Design planned a new two-story freestanding medical office building for University Hospitals Samaritan Richland Health Center. The \$11 million, 30,000-square-foot outpatient facility was built on the site of a former Big Lots, repurposing the property. The building was designed to sit parallel to the street, for both visibility and ease of access for the public, as well as southern exposure to maximize interior daylighting.

The facility features separate, well-defined access for both the main entrance and urgent care. The main entrance atrium provides an open staircase and elevator lobby in abundant natural light. There is clear wayfinding for patients and visitors with perimeter paths which provide large floor to ceiling windows for natural light and exterior views. To provide more functional transit for staff, a "back of house" circulation was created to separate staff from patient flow. This provides more efficient staff access between urgent care, imaging and laboratories.

The regional health center provides a full range of community health services including urgent care, primary care and services by specialists, including radiology, rehabilitation, laboratory, urology, cardiology and physical therapy/community wellness. The center also includes a community room where health education seminars and screenings are offered to the public. Additionally, the building is able to accommodate a mobile MRI vehicle. This mobile imaging dock provides flexibility and access to future imaging modalities, as well as rotating mobile community wellness programs.

Location Mansfield, Ohio

Area of Project 30,000 SF

> Project Cost \$11 Million



# University Hospitals Seidman Cancer Center







In order to better serve the communities on Cleveland's west side, University Hospitals built a new two-story freestanding cancer center on the Avon Health Center Campus. The facility is located across from the existing medical center.

The radiation oncology program on the first floor includes a clinic with exam rooms, a linear accelerator with support space, a CT suite with support space, patient changing areas, a family lounge, administration and support spaces, and a community room. The main front entry and lobby as well as infrastructure spaces including MEP rooms, IT, shipping and receiving are also located on the first floor.

The medical oncology program on the second floor includes a clinic with 16 exam rooms, an infusion therapy suite with 20 cubicles (including four private), a family lounge, a pharmacy suite, and administrative and support spaces.

The scope for this project included a total of 626 parking spaces. Approximately a half acre of existing wetland was removed. However two acres of existing wetlands are located east of the project site and remain protected and undisturbed. The team applied and received permitting through the Army Corps of Engineers to permanently remove and discharge fill material into federal jurisdictional wetland. The project is registered with USGBC to achieve LEED Certification level. The delivery method for this project is Construction Manager at Risk.

The work for the University Hospitals Seidman Cancer Center was performed in partnership with levelHEADS.

Location Avon, Ohio

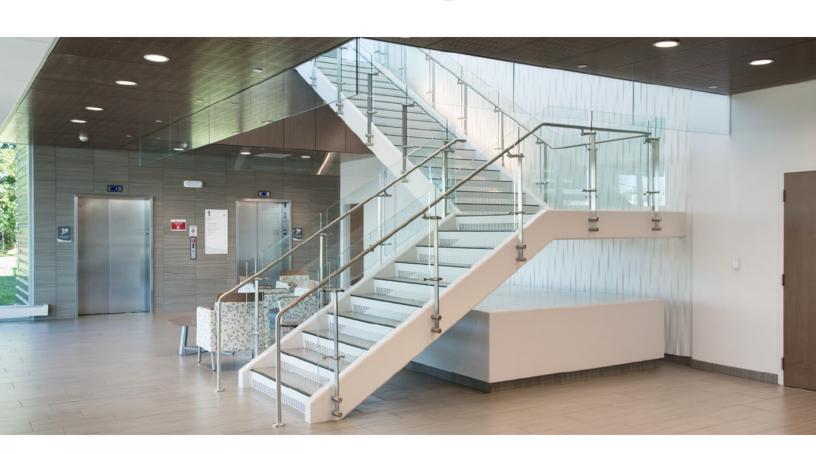
Area of Project 38,000 SF

> Project Cost \$31 Million





# B. Proposed Project Management Plan



# **Proposed Project Management Plan**

Success in the area of planning and design is dependent on the process being client driven rather than consultant driven. The resulting project will be the owner's vision. CBLH Design will act as the facilitator using our more then 50 years of experience as healthcare designers to identify problems and present multiple solutions from which decisions can be made. The participation of the entire team is essential for the success of this project.

# Planning Initiation

CBLH Design will meet with the owner's designated planning and administrative personnel to understand the goals and vision of the project, define the process, and establish the schedule. Planning decisions, planning goals and objectives, and design goals will be developed in discussions identifying:

- Programs and services to be maintained, increased or decreased
- Current trends in healthcare design
- Patient Service needs
- Operational efficiencies
- Relationships to other major departments within the facility
- Investigate phased approaches to the design and construction schedule

# Planning and Alternatives

Based on the approval of program components, we will develop multiple alternative site and floor plans that will include recommendations regarding the design and planning goals. We will discuss the advantages and disadvantages of alternative plans in work sessions with the owner's planning and administrative personnel. As a team, we will evaluate alternative solutions based on stated goals and objectives, implementations and phasing, and financial feasibility within the context of the system's financial plan and capital structure. The preferred plan will form the basis for the project's completion.

# **Document Preparation**

We believe in an integrated approach to defining and developing our construction documents. Teamed with the staff, facilities, and administration, we will work to develop the appropriate documentation including:

- Meet regularly with the facility's representatives throughout Schematic Design and Design Development to refine all aspects of the design
- Formal scheduled reviews at the end of Schematic Design and Design Development to review design, costs and other items that arise during each phase
- Work with the owner's representatives to organize the Bid and Negotiation Phase and develop a detailed bidding schedule
- Produce a set of architectural, engineering bidding and construction drawings and specifications

Budget Estimating and Design Process Scheduling are other important aspects of the design process. As further developed in Project Cost Control section of this proposal (page 28), we elaborate how our team reviews both probable cost of construction documents and design schedules.



# **Proposed Project Management Plan**

# Construction Phases

During the Construction Phase we remain involved in the project. We attend the regularly scheduled project meetings during construction and will have the ability to observe work that has been completed. We will review the ongoing construction progress and identify items that do not appear in conformance with the intent of the Construction Documents.

Our role in this phase would include:

- Attendance at job meetings
- Review of submittals including shop drawings
- Review of Requests For Information
- Preparation of construction change directives
- Assisting the construction manager in reviewing construction progress

Our role during the construction phase is that of observer. It is imperative that the architect is represented in the field to answer questions and to review the progress of the work, but we as architects do not inspect and accept or test any field conditions. All of the items stated above are done to assist in the successful completion of the project.





# C. Key Personnel Available For The Proposed Work





# Michael D. Liezert, AIA, ACHA, LEED AP, EDAC

# Role on Project: Principal in Charge

Mike is a principal and healthcare planner with 34 years of health care experience. His expertise includes the design and management of numerous healthcare facility projects in both new construction as well as renovation and adaptive reuse of existing facilities. He is familiar with all phases of development from inception to substantial completion.

# Relevant Project Experience

# Louis A. Johnson VA Medical Center Clarksburg, West Virginia

### Ambulatory Care Entrance Addition

Principal in Charge for a 13,000 SF addition. The scope of work on the first floor included a new entrance and lobby space which acts as the new front door to the campus. Expansion of primary care, HAS, reorganization of existing waiting areas, relocation of the police, security and surveillance were the primary goals of this project.

# **Veterans Affairs Medical Center - Dayton Dayton**, Ohio

### Campus Master Plan

Principal in Charge for the development of a campus-wide master plan. This project involves the review of 56 buildings (mostly historic) for potential re-use/adaptation creating new spaces for future growth. This 20-year projection of campus needs provided analysis for inpatient and ambulatory care, as well as office, research and academic relationships.

# Mental Health Renovation

Principal in Charge to design a new flexible 14-bed behavioral health unit. The existing unit will be re-purposed following full renovation of the 16,000 SF sixth floor suite in the main hospital tower. The existing unit lacks daylighting, views, and efficient flow, creating sound control limitations and distractions from necessary staff activities. The design introduces separate circulation paths for staff and patients to minimize distractions from off-stage activities. Security is enhanced with excellent views of patient spaces from the centralized circular nurse station, full views into patient rooms, separate female patient spaces, flexible quiet retreating room, safety fixtures and amenities. First egress is provided in key staff interface areas with centralized control of lighting, utilities, music, and entertainment systems. Daylighting and views are enhanced by lighting tuned to natural circadian rhythms.

### **PACT Primary Care**

Principal in Charge for a 21,000 SF interior renovation to meet the Patient Aligned Care Team (PACT) Space Module Design Guide requirements, which will transform the area into a customer friendly space for veterans. This project includes upgrades to staff areas, mechanical system modifications, and a connecting corridor to allow for ease of public movement without access to patient care areas. The new corridor will include parking area modifications and landscaping.

# Veterans Affairs Medical Center - Chalmers P. Wylie Columbus. Ohio

### Facilities Master Plan

Principal in Charge to evaluate and assess the entire building for change of use from business occupancy to ambulatory healthcare facility and compliance of life safety plan. Further, the focus of the study included developing programming and design options for specific portions of the building.

# **Veterans Affairs Medical Centers**

Kentucky and Ohio

# VISN 10 - Energy Audits

Principal in Charge for energy and system audits at six VISN 10 VAMC facilities in Ohio and Kentucky. All major building systems were investigated.

## The MetroHealth System

Brecksville Health Center Brecksville. Ohio

Principal in Charge for a new LEED Certified Ambulatory Health Center. This project included: ambulatory surgery center, emergency department, imaging department, physician practice space, infusion department, compounding & retail pharmacies as well as community and support spaces.

# MetroHealth Medical Center - APEX Project Cleveland, Ohio

Principal in Charge for the design of a new six-story 312,000 SF outpatient & administrative (O&A) building. The O&A building will be connected to the new inpatient hospital (Glick Center) via a first floor public connector and a third floor patient/staff elevated bridge connection for optimum efficiency. Anchor programs on the first and second floors include a 30,000 SF cancer center and a 10,000 SF breast center. These two programs will be displayed prominently thru the transparent first floor podium adjacent to the elongated drop off drive which will also serve the inpatient hospital. This design/build team is led by The Turner Construction Company in collaboration with Perspectus Architecture.

# **Education**

Kent State University
Bachelor of Architecture
Bachelor of Science

# Registrations / Certifications

Registered Architect, State of Ohio, Michigan & Pennsylvania American College of Healthcare Architects Board Certified (ACHA) LEED Accredited Professional Evidence-Based Design Accreditation and Certification (EDAC)

# Professional Affiliations

American Institute of Architects (AIA)
AIA Academy of Architecture
for Health (AAH)
American College of Healthcare
Executives (ACHE)





# Marc B. Bittinger, AIA, ALA

# Role on Project: Design Principal

With 43 years of experience, Marc has guided numerous projects in Northeast Ohio to successful completion and directs the design efforts of the firm. He is involved in many professional organizations in his community including his current membership in the Strongsville Chamber of Commerce and past board member of the Strongsville Education Foundation.

# Relevant Project Experience

# Veterans Affairs Medical Center - Chalmers P. Wylie Columbus, Ohio

### Facilities Master Plan

Design Principal for the campus master plan of this facility and for Community-Based Outpatient Clinics. The primary drivers of this master plan are primary care, mental health and to implement inpatient beds. Our team has completed and is currently working on projects implemented as a result of this master plan.

### Ambulatory Care Center - Build Specialty Care

Design Principal for the first phase of an addition to the existing ambulatory care center. This phase consolidated the audiology and pulmonary departments. This 25,000 SF addition had a project cost of \$8.1 million.

### Ambulatory Care Center - Construct Surgery Addition

Design Principal for this project which consisted of an approximately 16,250 SF addition to the existing building on the second floor. It relocated multiple specialty departments and included offices, preop spaces, waiting areas, exam and procedure rooms and more.

# Veterans Affairs Medical Center – Wade Park Cleveland. Ohio

### Center for Women's Health

Design Principal for a 14,500 SF of new Women's Health space, including a second floor penthouse for rooftop mechanical equipment. Connections to the LX to the north at both the first floor and second floor atrium levels, which is critical to provide smooth operation and access. Connections to the PPG to the south which now has a new entrance and checkpoint.

# **University Hospitals**

Mansfield, Ohio

# Samaritan Richland Health Center

Design principal for a new outpatient health center. This project included a freestanding two-story building, with urgent care, laboratory and imaging services, physical therapy and community wellness, as well as both primary and specialty care physician office space. The building was designed to provide future expansion for additional outpatient services, and a 24-hour emergency department as needed.

# The MetroHealth System

# MetroHealth Medical Center - APEX Project Cleveland, Ohio

Design Principal for the design of a new six-story 312,000 SF outpatient & administrative (O&A) building. The O&A building will be connected to the new inpatient hospital (Glick Center) via a first floor public connector and a third floor patient/staff elevated bridge connection for optimum efficiency. Anchor programs on the first and second floors include a 30,000 SF cancer center and a 10,000 SF breast center. These two programs will be displayed prominently thru the transparent first floor podium adjacent to the elongated drop off drive which will also serve the inpatient hospital. This design/build team is led by The Turner Construction Company in collaboration with Perspectus Architecture.

# Ambulatory Enabling Project Various Locations

Design Principal for the Ambulatory Enabling Project (AEP), a multi-phased project at multiple MetroHealth satellite locations. The scope of work at each location varies from major renovations across multiple floors to the refresh of finishes in public facing spaces. The purpose of the project is to increase efficiency at these sites and expand MetroHealth's community based footprint.

# MetroHealth Medical Center - Critical Care Pavilion - Vertical Expansion

Cleveland, Ohio

Design Principal for a new two-story, 85-patient room Critical Care addition on top of an existing two-story building. These Universal Patient Rooms were met with maximum flexibility and used prefabricated methods. This was an accelerated schedule that was designed and constructed in 17 months. A unique feature of this project was the implementation of a Special Disease Care Unit to treat patients with Ebola or other highly infectious diseases.

# Brecksville Health Center Brecksville, Ohio

Design principal for a new LEED Certified Ambulatory Health Center. This project included: ambulatory surgery center, emergency department, imaging department, physician practice space, infusion department, compounding pharmacy, retail pharmacy as well as community spaces and support spaces.

# Education

Kent State University
Bachelor of Architecture
Bachelor of Science

# Registrations / Certifications

Registered Architect, State of Ohio

# Professional Affiliations

American Institute of Architects (AIA) American Library Association Strongsville Chamber of Commerce





# William R. Schubert, AIA, ACHA

# Role on Project: Medical Planner

Bill is responsible for planning and design of inpatient and outpatient medical facilities. His use of problem-solving principles results in innovative and cost-effective solutions. He is a strong proponent of participative planning processes, using leadership skills to guide decision makers through the planning and design process, creating consensus-based decisions. Bill is knowledgeable in the analysis of operational and financial conditions as they apply to public and private sector issues.

# Relevant Project Experience

# **Veterans Affairs Medical Center – Dayton** *Dayton, Ohio*

# Main Lobby, Entrance and Outpatient Service Renovations

Project Manager for the improvements and renovations to the main lobby and entrance, dietary/dining services, and outpatient services. This project also includes relocation of optometry and ophthalmology services to a prime first floor location.

### New MRI Suite

Project Manager for a second diagnostic MRI to the existing MRI suite. This project includes ancillary support services and improvements to the existing lobby and entrance.

# **University Hospitals**

Mansfield, Ohio

# Samaritan Richland Health Center

Project Manager for a new outpatient health center. This project included a freestanding 30,000 SF, two-story building, with urgent care, laboratory and imaging services, physical therapy and community wellness, as well as both primary and specialty care physician office space. The building is designed to provide future expansion for additional outpatient services and a 24-hour emergency department as needed.

### Bellevue Hospital

Bellevue, Ohio

# Facility Master Plan

Project Manager for a facility master plan that focused on functional, physical and space upgrades. This plan update was in response to the need for the hospital to improve priority areas including, but not necessarily limited to, laboratory, cardiac rehab, dietary/cafeteria, administration areas, as well as improvements to certain specific infrastructure deficiencies, including those in response to COVID-19 air flow issues. The final plan included specific recommendations for prioritized improvements to these areas and proposed phasing implementation plans.

# Wayne Healthcare

Greenville, Ohio

### 2015 Master Plan

Project Manager and Senior Healthcare Planner to address major deficiencies in surgery, imaging, and emergency services. This master plan also included replacing inpatient beds, improving women's services and adding health and wellness programs. The project was designed to accommodate an additional two-story bed tower.\*

# **Mercy Healthcare**

Perrysburg, Ohio

# Perrysburg Mercy Healthcare Campus

Project manager for the planning and design of a new, 12 acre greenfield hospital campus. Planned and designed for phased development. Phases included a new, 24/7 full-service emergency department; comprehensive cancer center; medical office building; and new, 50-bed inpatient hospital, plus associated surface and structured parking.\*

# **Premier Health**

Dayton, Ohio

# Good Samaritan North Hospital

Project Manager for the design of a new, five-story Outpatient Services Center and full-service Emergency Department. Building constructed to I-2 standards to allow for future inpatient beds and surgery expansion in provided shelled space.\*

\*Denotes projects performed while with another firm

# **Education**

Kent State University
Bachelor of Architecture
Bachelor of Science

# Registrations / Certifications

Registered Architect, State of Ohio American College of Healthcare Architects Board Certified (ACHA)

# **Professional Affiliations**

American Institute of Architects (AIA)
AIA Academy of Architecture
for Health (AAH)
Adjunct Professor, Kent State University





# Michael J. Serdinak, AIA, EDAC

# Role on Project: Project Manager

Before entering the architectural practice, Mike focused his career on quality management. Using this technical background, he has been able to apply quality concepts learned in academia and developed in industry to project management and design.

# Relevant Project Experience

# **Veterans Affairs Medical Center - Dayton Dayton, Ohio**

### Mental Health Renovation

Project Manager for design of a new flexible 14-bed behavioral health unit. The design introduces separate circulation paths for staff and patients to minimize distractions from off-stage activities. Safety and security are integral for the care behavioral health patients. The renovated space is enhanced with excellent views of patient spaces from the centralized circular nurse station, full views into patient rooms, separate female patient spaces, flexible quiet retreating room, anti-ligature safety solutions and amenities. First egress is provided in key staff interface areas with centralized control of lighting, utilities, music, and entertainment systems. Daylighting and views are enhanced by lighting tuned to natural circadian rhythms.

# PACT Primary Care

Project Manager for a 21,000 SF interior renovation to meet the Patient Aligned Care Team (PACT) Space Module Design Guide requirements, which will transform the area into a customer friendly space for veterans. This project includes upgrades to staff areas, mechanical system modifications, and a connecting corridor to allow for ease of public movement without access to patient care areas. The new corridor will include parking area modifications and landscaping.

# Veterans Affairs Medical Center – Wade Park Cleveland. Ohio

### Ambulatory Care Medical and Specialty Clinics

Project Management Lead and Construction Administrator to provide a consolidated and expanded space for the Ambulatory Care Medical Specialty Clinic and address multiple condition gaps. The project also addressed the medical centers space utilization and energy gaps.

# **Pearl Professional LLC**

Middleburg Heights, Ohio

### Medical Office Renovations

Education

Kent State University

Bachelor of Architecture

Bachelor of Science

Project Architect for the construction of two new medical office suites including a 5,000 SF OB/GYN and a 1,000 SF Pathology suite.

# Registrations / Certifications

Registered Architect, State of Ohio Evidence-Based Design Accreditation and Certification (EDAC)

# The Cleveland Clinic

Dover, Ohio

### Union Hospital - New Philadelphia Tenant Suite

Project Manager for the renovation of a 3,115 SF doctor's suite. The renovation included wait room areas, exam rooms, medical offices and the coordination of technology rooms and data servers. The project was completed in an aggressive schedule with a budget of \$300,000.

# **Crossroads Health**

Multiple Locations, Ohio

### Adult & Early Childhood Service Facilities

Crossroads Health needs to expand and enhance their adult and early childhood service facilities. CBLH Design assisted with master planning concepts and provided numerous alternative immediate and future-use designs for expansion. Therapy spaces, group meeting rooms, and support service spaces will meet short-term needs while offering flexibility for future growth. Designs provide for staff, patient, and visitor safety with efficient solutions geared to mental, social, and emotional health.

# The MetroHealth System

Brecksville, Ohio

# Brecksville Health Center

Project Architect for a new LEED Certified Ambulatory Health Center. This project included: ambulatory surgery center, emergency department, imaging department, physician practice space, infusion department, compounding pharmacy, retail pharmacy as well as community spaces and support spaces.

# Major Capital Henry Manning Towers Renovations

Project Management Lead for the renovation of a series of spaces in the existing towers. These projects include the conversion of semi-private rooms to private rooms and the use of evidence-based design principles to enhance safety and satisfaction, reduce stress and errors, and improve outcomes.

# Professional Affiliations

American Institute of Architects (AIA)





# Carolyn M. Emmer, AIA

# Role on Project: Project Architect

Carolyn's experience includes working on federal, municipal and recreational project experience. The skills developed throughout these projects range from visioning session facilitation to construction permitting, documentation and administration.

# Relevant Project Experience

# **Veterans Affairs Medical Center - Dayton** *Dayton, Ohio*

### Mental Health Renovation

Project Architect for design of a new flexible 14-bed behavioral health unit. The design introduces separate circulation paths for staff and patients to minimize distractions from off-stage activities. Safety and security are integral for the care behavioral health patients. The renovated space is enhanced with excellent views of patient spaces from the centralized circular nurse station, full views into patient rooms, separate female patient spaces, flexible quiet retreating room, anti-ligature safety solutions and amenities. First egress is provided in key staff interface areas with centralized control of lighting, utilities, music, and entertainment systems. Daylighting and views are enhanced by lighting tuned to natural circadian rhythms.

# PACT Primary Care

Project Architect for a 21,000 SF interior renovation to meet the Patient Aligned Care Team (PACT) Space Module Design Guide requirements, which will transform the area into a customer friendly space for veterans. This project includes upgrades to staff areas, mechanical system modifications, and a connecting corridor to allow for ease of public movement without access to patient care areas. The new corridor will include parking area modifications and landscaping.

# Veterans Affairs Medical Center – Wade Park Cleveland, Ohio

### Center for Women's Health

Project Architect for a 14,500 SF of new Women's Health space, including a second floor penthouse for rooftop mechanical equipment. Connections to the LX to the north at both the first floor and second floor atrium levels, which is critical to provide smooth operation and access. Connections to the PPG to the south which now has a new entrance and checkpoint for patients visit the site.

# Veterans Affairs Medical Center

Ann Arbor, Michigan

### Intensive Care Unit Renovation

Project Architect for a renovation of the 5th floor (12,640 square feet) and the 7th floor (7,625 square feet) of their existing Intensive Care Units. With an \$8.6 million construction budget, this renovation will include a 12-bed unit, nurse stations and family waiting spaces.

# The MetroHealth System

Cleveland, Ohio

# APEX Project

Project Architect to design the six-story 312,000 SF outpatient & administrative (O&A) building, 875 car parking garage (criteria only) and 20,000 SF renovation of the existing Rammelkamp building. The new O&A building will be connected to the new inpatient hospital (Glick Center) via a first floor public connector and a third floor patient/staff elevated bridge connection for optimum efficiency. Anchor programs on the first and second floors include a 30,000 SF cancer center and a 10,000 SF breast center. These two programs will be displayed prominently thru the transparent first floor podium adjacent to the elongated drop off drive which will also serve the inpatient hospital. The exterior façade mimics the curtainwall proportions of the Glick Center at a smaller scale and changes in opacity to complement each interior functional component. This design/build team is led by The Turner Construction Company and performed in collaboration with Perspectus Architecture.

# University Hospitals

Mansfield, Ohio

### Samaritan Richland Health Center

Project Architect for a new outpatient health center. This project included a freestanding two-story building, with urgent care, laboratory and imaging services, physical therapy and community wellness, as well as both primary and specialty care physician office space. The building was designed to provide future expansion for additional outpatient services, and a 24-hour emergency department as needed.

Education

Kent State University

Master of Architecture and Urban

Design

Bachelor of Science

**Registrations / Certifications** 

Registered Architect, State of Ohio

**Professional Affiliations** 

American Institute of Architects (AIA)





# Natalie M. Symon, IIDA, LEED AP BD+C, EDAC

# Role on Project: Interior Designer

Natalie is an interior designer with specialized expertise in healthcare, library and educational facilities. With over 45 years experience at CBLH Design she leads our interior design efforts as well as specializing in the design of outdoor spaces that create a healing environment.

# Relevant Project Experience

# Louis Stokes Cleveland VA Medical Center Cleveland, Ohio

### CARES A-Level Plaza

The purpose of this project was to provide functional and aesthetic enhancement to the CARES Plaza so that veterans staying in the long-term care wing can enjoy an improved outdoor space. Seating areas were developed in both open green space with direct sun exposure and under a new sculptural-like shaded environment. A patient gardening area with landscaping, lighting and irrigation system improvements were provided.

# Veterans Affairs Medical Center – Wade Park Cleveland. Ohio

### Center for Women's Health

Interior Designer for a 14,500 SF of new Women's Health space, including a second floor penthouse for rooftop mechanical equipment. Connections to the LX to the north at both the first floor and second floor atrium levels, which is critical to provide smooth operation and access. Connections to the PPG to the south which now has a new entrance and checkpoint for patients visit the site.

# **Veterans Affairs Medical Center**

Ann Arbor, Michigan

# Intensive Care Unit Renovation

Interior Designer for a renovation of the 5th floor (12,640 square feet) and the 7th floor (7,625 square feet) of their existing Intensive Care Units. With an \$8.6 million construction budget, this renovation will include a 12-bed unit, nurse stations and family waiting spaces.

# The MetroHealth System

MetroHealth Medical Center - Critical Care Pavilion - Vertical Expansion

Cleveland, Ohio

Interior Designer for a new two-story, 85-patient room Critical Care addition on top of an existing two-story building. These Universal Patient Rooms were met with maximum flexibility and used prefabricated methods. This was an accelerated schedule that was designed and constructed in 17 months. A unique feature of this project was the implementation of a Special Disease Care Unit to treat patients with Ebola or other highly infectious diseases.

# Brecksville Health Center Brecksville, Ohio

Interior Designer for a new LEED Certified Ambulatory Health Center. This project included: ambulatory surgery center, emergency department, imaging department, physician practice space, infusion department, compounding & retail pharmacies as well as community and support spaces.

# **University Hospitals**

Avon, Ohio

### Seidman Cancer Center

Interior Designer for a new LEED Certified cancer center. This freestanding two-story building is located across from the existing medical center and adjacent to main access entry roads. Services include radiation oncology and medical oncology. CBLH Design teamed with levelHEADS for this project.

# Samaritan Richland Health Center

Mansfield, Ohio

Interior Designer for a new outpatient health center. This project included a freestanding two-story building, with urgent care, laboratory and imaging services, physical therapy and community wellness, as well as both primary and specialty care physician office space. The building was designed to provide future expansion for additional outpatient services and a 24-hour emergency department as needed.

# The Ohio State University

Columbus, Ohio

Wexner Medical Center – Care Point Ambulatory Care Renovation Interior Designer for a renovation of an outpatient clinic building formerly used by the Department of Veterans Affairs. This building now houses over 20 departments including: Imaging, Orthopaedics, Internal Medicine, Physical Therapy, Spine Center and Family Medicine.

# Education

Massey College
Associate of Arts
Joseph Regenstein, Jr. School,
Chicago Botanic Garden
Certificate of Merit, Healthcare
Garden Design

# **Registrations / Certifications**

National Council for Interior Design
Qualification, - Cert. No.

LEED Accredited Professional

Evidence-Based Design Accreditation
and Certification (EDAC)

# **Professional Affiliations**

International Interior Design Association (IIDA) American Horticultural Society Cleveland Botanical Garden Chicago Botanical Garden Royal Horticultural Society





# **D. Proposed Subcontractors**





# **Company Overview**

Scheeser Buckley Mayfield, a Limited Liability Corporation (LLC), offers cost-effective and innovative solutions by designing systems that do the job they are intended to do. Five principals and two senior associates, licensed in a total of 13 states, lead our team.

Scheeser Buckley Mayfield has a staff of 37:

25 Engineers overall, 17 of whom are Professional Engineers (PEs)

14 Mechanical Engineers, 10 of whom are Professional Engineers (PEs)

10 Electrical Engineers. 6 of whom are Professional Engineers (PEs)

1 Civil/Plumbing/Fire Protection Engineer, who is a PE

# Staff Certifications:

8 LEED Accredited Professionals (LEED AP), 2 of whom are LEED Accredited Professionals Building Design and Construction (LEED AP BD+C)

5 Certified Commissioning Agents (CxA)

1 Certified Lighting Designer (LC)

1 Healthcare Facility Design Professional (HFDP)

3 Registered Communications Distribution Designers (RCDD)

1 Certified Energy Manager (CEM)

Additional staff include administration and production employees.



Scheeser Buckley Mayfield has earned a strong reputation in the healthcare market due to quality of our designs and our attention to the ever-changing regulatory requirements for such clients. We strive to develop long-term relationships with our hospitals so that every project we encounter is performed within the context of the campus' long-term needs. Scheeser Buckley Mayfield has had experience with scores of hospital systems in Ohio, West Virginia, and neighboring states. The scope of the projects has ranged from minor suite renovations all the way up to new bed towers with construction costs in the \$100 million range. Hospital, healthcare and research facilities typically represent up to 70% of Scheeser Buckley Mayfield's annual workload.





6

330-526-2709

330-472-6601



cschoonover@sbmce.com

### **EDUCATION:**

The Pennsylvania State University BSAE/1993 Architectural Engineering

### **CREDENTIALS:**

LEED Accredited Design Professional Building Commissioning Professional (BCxP)

Registered Professional Engineer (Mechanical) in Ohio, Michigan, West Virginia, North Carolina, Pennsylvania, Indiana, Texas and Kentucky

# **Chris Schoonover**, PE LEED AP, BCxP *President — Mechanical Engineer*

Chris joined Scheeser Buckley Mayfield in 1993, became a principal in 2006, and became president of the firm in 2019. He has extensive experience in all aspects of the design of mechanical systems. He has served as principal-in-charge, project manager and lead mechanical engineer on a wide variety of projects, primarily for health care facilities and universities.

Chris has experience with numerous project delivery methods including designbuild, CM at Risk and performance contracting. He has also learned and implemented contracting rules for a variety of different facilities. These requirements augment the production of complex engineering designs.

Chris has continued Scheeser Buckley Mayfield's tradition of forging long-term relationships with clients. He enjoys designing a large variety of projects. From small, single-room modifications to brand new multi-million dollar buildings, Chris knows that Scheeser Buckley Mayfield's success is defined by the quality of our projects.

Chris is a member of the American Society of Heating, Refrigerating and Air Condiction Engineering (ASHRAE). He serves on the board for the Penn State Alumni Society of Architectural Engineers (ASAE) and is secretary of the Applied Engineering Advisory Board of Akron Public Shool' Ellet Academy of Applied Engineering.

# **SELECT WORK EXPERIENCE:**

Veterans Affairs Medical Center, Beckley, WV
Veterans Affairs Medical Center, Clarksburg, WV
Veterans Affairs Medical Center, Dayton, OH
Veterans Affairs Medical Center— Wade Park, Cleveland, OH
Veterans Affairs Medical Center Counseling Center, Parma, OH
Northwood Health Systems, Wheeling, WV
Warren State Hospital, Warren, PA
Cleveland Clinic Akron General, Akron, OH
Cleveland Clinic Medina Hospital, Medina, OH

Summa Akron Children's Hospital, Akron, OH

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mhathaway@sbmce.com

### **EDUCATION:**

The University of Akron BSEE/1992 Electrical Engineering

### **CREDENTIALS:**

LEED Accredited Design
Professional
Registered Communications
Distribution Designer (RCDD)

Registered Professional Engineer (Electrical) in Ohio, West Virginia, Kentucky, North Carolina, South Carolina, New York, Michigan, Pennsylvania, Tennessee, Florida and Texas

# **Marlon Hathaway**, PE LEED AP, RCDD *Vice President - Electrical Engineer*

Marlon began his career as a consulting engineer with Scheeser Buckley Mayfield. He has since been involved with all aspects of electrical design including lighting, power distribution, telecommunications systems, fire alarm systems, video/security systems, access control systems, surgical documentation systems, and CATV/MATV distribution systems. Marlon's responsibilities include both budget and finish electrical construction estimates. He has worked closely with electrical contractors on design-build and design assist projects.

During his consulting career, Marlon has completed projects in the states of Ohio, West Virginia, Kentucky, Pennsylvania, South Carolina, and Florida. He has designed many health care spaces, including OR suites, pathology labs, emergency and trauma rooms, cardiac cath labs, endoscopy and cystoscopy labs, and medical offices. He has prepared contract documents for complex electrical medical equipment including MRIs, CT and PET scanners and digital processing equipment.

Marlon is a BiCSi RCDD (Registered Communications Distribution Designer) and a member of the Illuminating Engineering Society (IES). He has also served as treasurer for the Cleveland chapter of IES.

# **SELECT WORK EXPERIENCE:**

Veterans Affairs Medical Center (VAMC), Clarksburg, WV

Veterans Affairs Medical Center (VAMC), Cleveland, OH

Veterans Affairs Medical Center (VAMC), Dayton, OH

Veterans Affairs Medical Center (VAMC), Parma, OH

Pleasant Valley Hospital, Point pleasant, WV

St. Mary's Medical Center, Huntington, WV

Boone Memorial Hospital, Madison, WV

Valley Health, Huntington, WV

Pinewood Medical Center, Grafton, WV

Thomas Memorial Hospital, South Charleston, WV

United Hospital Center, Bridgeport/Weston/Buckhannon, WV

Marshall Health -Teays Valley, Scott Depot, WV

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# **Veterans Affairs Medical Center**

# Louis A. Johnson Ambulatory Care

Clarksburg, WV

# **PROJECT DETAILS:**

- New
- · 29,500 sq. ft.
- · \$8,500,000

### **SERVICES PROVIDED:**

- Mechanical
- Electrical



Scheeser Buckley Mayfield provided design services to construct a new space of approximately 22,000 square feet and to renovate existing space of approximately 7,500 square feet. The project will offer ease of access for patients with disabilities and will expand outpatient primary care. The space provides an entry mall area encompassing a relocated outpatient pharmacy, electronic patient check in, improved physical security and several patient support functions including the patient advocate offices, Health Administration Services (HAS) interview areas and similar functions. Access from the new lobby provides a direct route to elevators in both Building 1 and the Clinical Addition, as well as to expanded Primary Care Clinics.

The project added new public restrooms, an adequate holding area at the entrance for wheelchairs, and potential for relocation of Outpatient Pharmacy so it is convenient to all patients leaving through the main entrance. A portico was provided to permit all weather drop-off and pick-up areas for patients. The entry area is designed to function as an alternate triage site for use in disaster situations. The lighting for the new space is a combination of energy efficient T5 fluorescent and LED light sources. Lighting controls shall be automatic and take advantage of natural light with daylighting controls. Telecommunications cabling infrastructure design included two new telecom rooms connected to the main campus network and PBX with fiber optic and multipair copper backbone. CAT6 cable connected voice and data outlets throughout the new space.

The new addition was designed to support four levels (a full basement plus three additional floors) with at least two elevators accessible to each floor. The project was performed under an ongoing IDIQ contract with the Louis A. Johnson VA Medical Center.



# **Veterans Affairs Medical Center**

# Mental Health Renovation

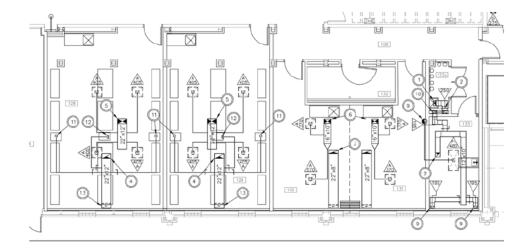
Dayton, OH

### PROJECT DETAILS:

- Renovation
- 16,000 sq. ft.
- · \$5,400,000

# **SERVICES PROVIDED:**

- Mechanical
- · Electrical



Former patient rooms, which were being used as administrative offices, were renovated into a mental health department. Safety measures in accordance with mental health requirements were utilized throughout.

Mechanically, the existing VAV terminal units were demolished, and associated ductwork was removed back to the supply mains. New VAV terminal units and supply diffusers were installed and ducted. Existing heating water supply and return piping will be reworked for new terminal unit locations. Supply diffusers and return grilles in patient areas were changed to security grilles with tamper resistant fasteners. Either duct mounted temperature sensors or thermostats with tamper resistant covers were utilized for temperature control. Each patient room, nursing station, conference room, dining room and day room is an individually controlled temperature control zone. Offices were combined into either four or six offices per temperature control zone.

The existing domestic cold water, hot and recirculated hot water piping were reworked. Each domestic water line was fitted with a set of manual valves allowing the water to that patient toilet room to be shut off from outside the room. All plumbing fixtures in patient toilet rooms are ligature resistant. The nurses station was equipped with a central workstation with the capability to turn off the water to each patient toilet room.

The existing medical gas piping was removed in its entirety back to upstream of the zone valve box and capped. The existing sanitary and vent piping was reworked. Since the showers do not have any curtains/dividers, a trench drain was installed to prevent water from leaving. The existing sprinkler system was reworked, and new vandal-resistant sprinkler heads were installed.

Electrically, Scheeser Buckley Mayfield designed new RGB and tunable white lighting capable of promoting circadian rhythm for residential patients. The renovated space was provided with a sound system capable of providing music via various technology. New mechanical and electrical devices were integrated and powered by the existing panelboard(s) to help save on cost.



# **VAMC** and WV Health Care Experience

### Veterans Affairs Medical Center

Beckley, WV - 10 projects
Clarksburg, WV - 11 projects
Huntington, WV - 6 projects
Wade Park-Cleveland, OH - more than 75 projects
Brecksville, OH - 29 projects
Erie, OH - 5 projects
Dayton, OH - 4 projects
Parma, OH
Warren, OH
Winston-Salem

# West Viginia Health Care

Boone Memorial Hospital, Madison, WV Cabell Huntington Hospital, Huntington, VW Cabin Creek, Sissonville, WV Camden Clark Memorial Hospital, Parkersburg, WV Charleston Area Medical Center, Charleston, WV Hospice of Huntington, Huttonsville, WV Marshall Health - Teays Valley, Scott Depot, WV Marshall University Wellness Center, Huntington, WV Montgomery General Hospital, Montgomery, WV Northwood Health Systems, Wheeling, WV Pleasant Valley Hospital, Point Pleasant, WV Pinewood Medical Center, Grafton, WV Summersville Regional Medical Center, Summersville, WV St. Francis Hospital, Charleston, WV St. Joseph Hospital, Buckhannon, WV St. Mary's Medical Center, Huntington, WV Thomas Memorial Hospital, Charleston, WV United Hospital Center, Clarksburg/Bridgeport/Weston/Buckhannon, WV Veterans Affairs Medical Centers, Clarksburg and Beckley, WV Valley Health, Huntington, WV



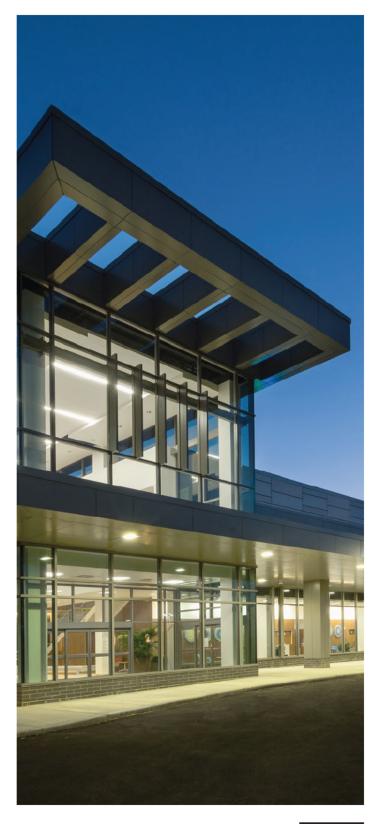
# **E. Product Quality Control**



# **Product Quality Control**

Our design process is geared toward "doing it right the first time" more than searching for inconsistencies after documented. Although document and design reviews are conducted during each design phase, the focus is on building quality into the design & document creation process. Limiting revisions by designing with as much information as possible from the start is an important component in assuring quality outputs. Client requirements and user preferences are integrated in an organized systematic manner to support initial quality designs.

Through a process-driven approach to design and documentation, the design team intends to maximize accuracy and quality output. The team utilizes BIM capabilities to model rather than using line work wherever possible and to consistently integrate separate BIM models among disciplines. By modeling in this manner from the start of the design process, subsequent changes occur automatically rather than depending on future manual actions and reviews. System tools such as checklists and separate comprehensive peer reviews are used to drive consistency, clarity, and accuracy.





# F. Project Cost Control



# **Project Cost Control**

CBLH Design is aware of the importance of adhering to the parameters of project budgets and schedules. We strive to facilitate the decision-making process and coordinate the planning, design, construction document and construction administration phases to be certain that our clients' project objectives are met in accordance with estimated and approved budgets and anticipated schedules.

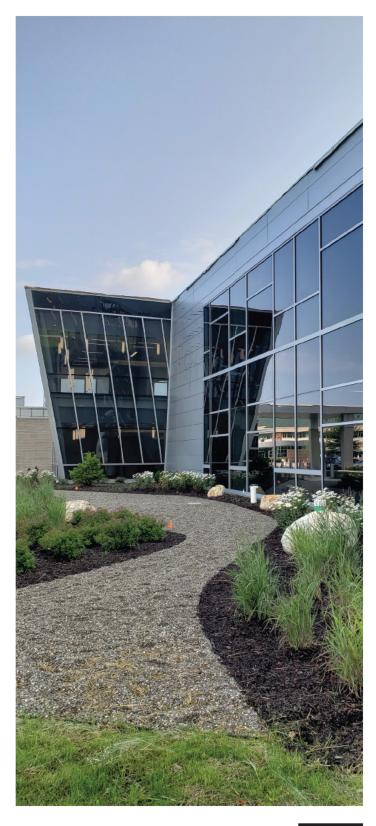
The firm possesses extensive-cost estimating expertise and 50 years of delivering successful projects. Above all, we seek to avoid costly redesign phases and schedule delays through strong communications with clients, other members of consultant teams and contractors. When our clients need to alter project requirements necessitating design modifications we communicate the cost and schedule impacts promptly and clearly and work diligently to mitigate those impacts.

We perform probable cost estimates at each phase of the project. It is critical to identify conflicts early in the design process so that adjustments to the program, materials or construction techniques can be made in order to meet our clients' needs. Performing estimates at schematic design, design development and prior to completion of construction documents allows our firm to bring projects in on target.

In determining schedules, CBLH Design establishes realistic project flow milestones and associated time frames at the outset and monitors progress at frequent intervals to meet the expectations of the client, occupants and the design and construction team. Establishing an initial project schedule involves all parties of the project. It is vital to understand the owner's expectations to completing a project from a scheduling point-of-view. With that information we work with our consultants and construction manager to determine amounts of time necessary to complete the various segments of the design process.

As a project moves through design there may be the need to adjust the schedule from time to time. This is done in concert with the owner, construction manager and consultants. It is possible that among those involved in reviewing the schedule there may be other ways to complete a task in a timely manner. Most of all it is important that a design schedule have flexibility to be able to appropriately meet the needs of a project.

We attribute our positive performance in project control to an assertive yet responsive approach to project management, an experienced team of professionals and a commitment to meeting our clients' requirements--not just in facility design but also in budgets and time frames.





# G. References



# References

# Mr. Phillip Kirk, Chief - Engineering Services

Veterans Affairs Medical Center Dayton

4100 W Third Street, Building 128
Dayton, Ohio 45428
Philip.Kirk2@va.gov

# Mr. Philip Bruno, COR

Chalmers P. Wylie VA Ambulatory Care Center

420 N. James Road Columbus, Ohio 43219 Philip.Bruno1@va.gov 614.257.5719

# Mr. Nick Bagnolo, Director of Facilities & Vice President of Construction Management

Mercy Medical Center - Sisters of Charity Health System

2475 East 22nd Street Cleveland, Ohio 44115 nbagnolo@sistersofcharityhealth.org 216.696.5560

# Ms. Karen Dethloff, Vice President of Facilities Management

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# Mr. Richard Piunno, CHC, Senior Project Manager

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