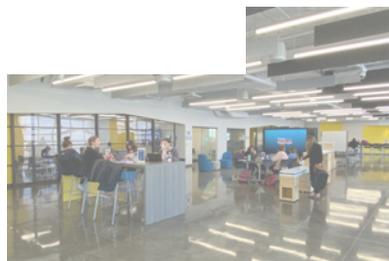
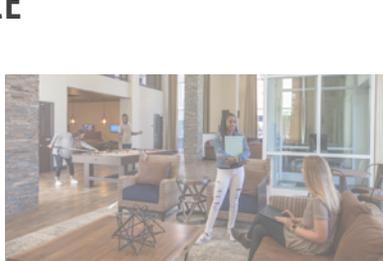


# SHERMAN CARTER BARNHART

HIGHER EDUCATION EXPERIENCE



# SHERMAN CARTER BARNHART ARCHITECTS



## DEDICATED TO HIGHER EDUCATION

Sherman Carter Barnhart Architects believes each campus and building opportunity is unique, presenting challenges that are best solved with clear ideas, innovative thinking and a thorough understanding of a project's place, people, tradition and culture. Such responses can only be drawn from our clients' input and we embrace the opportunity to engage in meaningful communication to gain a better understanding of their values, expectations and priorities.

As leaders in the design of higher education facilities, we bring inventive skill, vision, and in-depth understanding of the issues affecting universities nationwide. We promote design solutions addressing student needs by acknowledging the significance facilities have on recruitment, retention and ranking among universities.

We work with our clients to integrate design solutions founded on student, administration, and leadership expectations. We pay careful attention to unique program characteristics and their relation to student success. We bring innovative ideas and lessons learned from relevant

### *design for change*

We are thought leaders and community-oriented designers who understand no two campuses are the same. Sherman Carter Barnhart realizes our design solutions must serve the evolving needs of higher education institutions. Smart planning and communication encourages design solutions that are dynamic, innovative, sustainably minded and cost effective with an eye to the future.

project experience. Our designs are distinguished by our focus on cultivating a strong and compelling sense of community, emphasizing innovative living and learning environments where students are encouraged to actively participate.

Sherman Carter Barnhart's Higher Education Studio offers a group of dedicated professionals who specialize in higher education planning and design.

# 14 NEW RESIDENCE HALLS

## LARGEST PRIVATE • PUBLIC PARTNERSHIP (P3) IN THE COUNTRY

UNIVERSITY OF KENTUCKY



### SERVICES

Master Planning | Architecture | Landscape Architecture | Civil Engineering

### SIZE

6,850 Beds  
14 New Residence Halls

### CONSTRUCTION COST

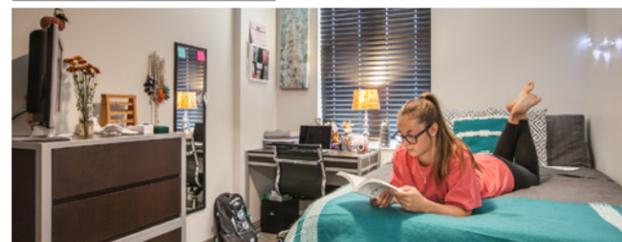
\$620 Million

### COMPLETION DATE

2013 - 2017

### REFERENCE

Rick Tripp, Managing Director - Construction  
Greystar  
901.259.2500  
rick.tripp@greystar.com



The University of Kentucky and Greystar (formerly EdR) leadership collaborated with Sherman Carter Barnhart Architects to design and construct the total revitalization of all campus housing.

At the start of the project, Sherman Carter Barnhart worked with University housing officials to master plan the areas of campus identified for the 14 new residence halls. The purpose of the master plan(s) was to establish a long term plan for residential housing consistent with UK's goals. The University wanted to enhance the student life experience and reinforce the campus community through a series of dynamic residential communities. Each residential community is unique and designed to create an extraordinary experience of striking buildings, pedestrian walkways and dramatic open spaces. Many of these communities serve as gateways to campus.

Broadly redefining student housing and creating state-of-the-art living-learning communities at the University of Kentucky, this team, within a private-public partnership (P3) project delivery method, designed and constructed 6,850 beds in 14 new resident halls over a five year period.

While replete with modern living spaces, academic planning was a primary focus in the new facilities. Each residence hall creates an unique living-learning community featuring varying room styles coupled with generous community living spaces, study and classroom areas, as well as active learning/meeting space. Communal kitchens and high-tech laundry facilities are also located in each building.



# THE CORNERSTONE

## PRIVATE • PUBLIC PARTNERSHIP (P3)

UNIVERSITY OF KENTUCKY

### SERVICES

Architecture|Landscape Architecture|  
Civil Engineering | Interior Design

### SIZE

912 Cars  
10,000 SF Retail Space  
13,000 SF UK Innovation Zone

### CONSTRUCTION COST

\$27,000,000

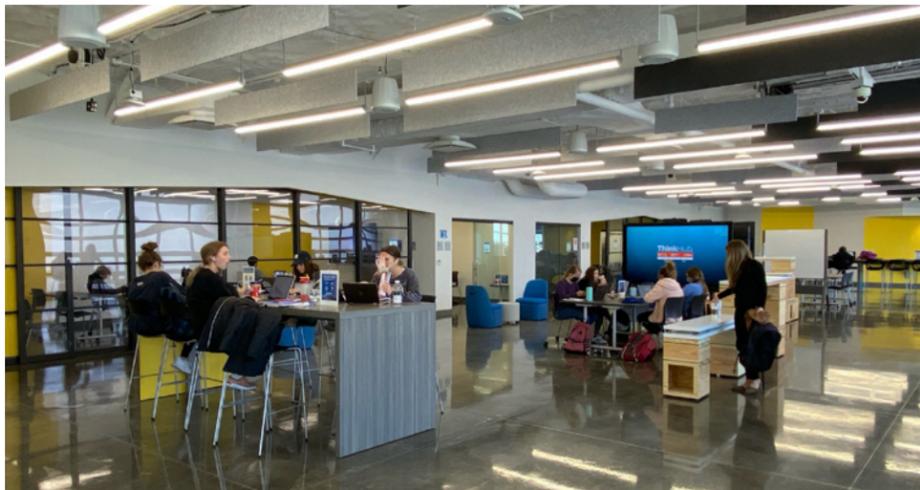
### STATUS

Complete 2020

### REFERENCE

Melody Flowers, Executive Director for  
Strategic Analysis and Policy  
University of Kentucky  
859.218.0973  
melody.flowers@uky.edu

Spencer Hyatt, Vice President  
Signet Real Estate Group  
904.350.1314  
shyatt@signetre.com



The Cornerstone, at the corner of Winslow and Limestone Street, is a first ever mixed-use parking, education and food venue facility designed to fuel innovation and foster creativity. It features 900 new parking spaces, the University of Kentucky Esports, a flexible innovation zone and The Exchange, a dining venue.

Sherman Carter Barnhart developed a solution that met UK's parking program, while incorporating ground floor activated space that includes retail and an open innovation education area to encourage collaboration. The ground floor space is an excellent example of a "People Place", where the integrated uses help enliven the street and pedestrian experience around the garage – providing a true urban experience both inside and outside the parking structure.

At street level, several retail spaces, outdoor dining, and streetscaping were incorporated to provide an inviting and energizing view of campus. Working with the university, we created an unstructured educational space, the Innovative Development Lab, where students could come to learn, experiment and have fun. We crafted the Innovative Development Lab to be a wide-open space with a garage feel. The space leverages this open-format and use of technology to

maximize student success, enhance a sense of community and bring together the university and city.

To draw more traffic to the area, The Cornerstone features an eSports arena. The "eStadium", provides 100 retractable theater-style seats, spectator and eSportscasters areas, as well as an esports gamers lounge offering more than 50 PC-based gaming units and multiple console-play areas. This space allows the community to engage in a variety of activities, including eSports competitions. Couch "co-ops" offer students couches and consoles to relax and game alone or with friends.

To solidify the draw of the area, we wrapped the corner of the building with a digital panel media wall. Broadcasting UK-themed elements, the display will turn that corner of Lexington into a mini Times Square – an advertisement for what is going on at the school in the present and in the future, as well as a digital presence of the innovation taking place inside the walls of the Cornerstone.

# J. DAVID ROSENBERG COLLEGE OF LAW

## EXPANSION & RENOVATION

UNIVERSITY OF KENTUCKY



### SERVICES

AoR |Architecture|Landscape Architecture|  
Civil Engineering

### SIZE

123,857 SF

### CONSTRUCTION COST

\$38.7 Million

### STATUS

Complete, 2019

### REFERENCE

Mr. Danny Murphy, Assistant Dean  
College of Law  
859-257-5155  
danny.murphy@uky.edu

### DESIGN CONSULTANT

Kohn Pedersen Fox (KPF)

### LEED CERTIFICATION STATUS



Having been established on campus in 1964, the University of Kentucky College of Law has a long tradition as the state's preeminent law school. Realizing the need and having the desire for their facilities to reflect the prominence of the academic program, the University engaged Sherman Carter Barnhart Architects and Kohn Pederson Fox (KPF) to design an expansion and renovation to modernize the law school and reflect the school's importance to the university, community and state.

The existing 1964 building was demolished down to the structural frame. Through the renovation and expansion the building was transformed from an out dated facility to an innovative, contemporary building reflecting current law school pedagogy.

The reinvented Rosenberg College of Law building adds 26% more area, including collaboration spaces and state-of-the-art learning facilities. In addition to 11 new classrooms of varying capacities and 20 collaborative spaces, the project modernizes a 185-seat courtroom to be used for trial training, live appellate court proceedings, and lectures. The third floor features a unique design solution to enhance the school's flexibility and functionality. Three classrooms can easily be converted into one large, multi-use space, potentially accommodating up to 400 people. Above, an accessible rooftop terrace and event space features spectacular views across campus.

The design carefully considers the project's relationship to the campus context and especially to Memorial Hall, the law school's esteemed neighbor. Materials include metal, glass, and brick, chosen in deference to the University's iconic symbol, and the main entrance of the building shifts to directly relate to the historic structure. Echoing the older Corinthian portico, the law school's canopied exterior creates new social spaces and adds a lively presence to the project.



# SWAIN ACTIVITIES CENTER

## ADDITION & RENOVATION

UNIVERSITY OF LOUISVILLE

### SERVICES

Architecture|Interior Design|  
Site Design

### SIZE

218,000 SF Renovation  
32,775 SF Expansion

### CONSTRUCTION COST

\$38 Million

### STATUS

Complete 2018

### REFERENCE

Mr. Mike Materna  
Planning, Design & Construction  
mike.materna@louisville.edu 502.852.5699

### TARGET LEED CERTIFICATION



### IN ASSOCIATION WITH

Hastings + Chivetta

The Swain Activities Center forms the heart of student life on campus, however, the existing building had changed little since its opening in 1990 and was in need of a fresh signature design to indicate its prominence on campus. Over 90% of the building was redesigned, renovated or expanded. Large expanses of glass and unique window treatments consisting of wavy glass and vertical fins lighten up the existing structure and showcase the amenities within. All three levels of the building were renovated. Renovated areas include the dining hall, restaurant/game room, conference rooms, theater, recreation space, lounges, student affairs office and workrooms, athletics offices, and support areas.

New additions include offices, a ballroom, meeting spaces, prefunction lounge, food service areas, and a bookstore. The new campus bookstore with entry on the eastern side of the building creates a welcoming new storefront along Floyd Street and serves to open the building to the surrounding neighborhood.

With the removal of a large existing ramp a new outdoor plaza was created featuring tables, chairs and shade shelters to serve as a campus gathering space.

New amenities include:

- The Herman and Heddy Kurz Campus Visit Room for prospective students
- Multiple outdoor plaza areas
- Campus Store Renovation & Expansion
- New 10,000 Sf Ballroom with seating for 1,200
- 16 New meeting | conference spaces with seating for 5,000
- Expanded/enhanced dining facilities
- Canon Print & Mail Service Center
- Renovated Floyd Theater
- Integrated functional spaces for multiple university departments
- Health & Sport Sciences classrooms, lab space and department/faculty offices



# COLLABORATIVE LEARNING CENTER

## THE HOWARD DAYTON SCHOOL OF BUSINESS

ASBURY UNIVERSITY



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### SERVICES

Architecture | Interior Design | Structural Engineering | Landscape Architecture | Civil Engineering

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### SIZE

53,349 SF

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### CONSTRUCTION COST

Undisclosed

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### STATUS

To Be Complete 2022

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### REFERENCE

Glenn Hamilton  
Vice President For Business Affairs & Treasurer  
Asbury University  
859-858-3511  
glenn.hamilton@asbury.edu

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### SPECIAL LAB CONSULTANT

HERA Laboratory Planners

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The Collaborative Learning and Research Center (CLC) will house the Howard Dayton School of Business as well as the Departments of Science and Mathematics. A state-of-the-art academic facility, the center will include 13 classrooms, 20 labs, 40 faculty offices, multiple Dean's offices, conference rooms, and a 300-seat auditorium to support students majoring in Allied Health Science, Natural Science, Math, and Business.

Prominently located in the campus quad, the Collaborative Learning & Research Center creates a new physical symbol of the University further defining the importance of the Quad, as well as the significance of Asbury University along West College Street. The siting of the CLC with the existing Student Center, Cafeteria, and Hughes Auditorium, provides an opportunity to interlace a series of indoor and outdoor spaces enhancing the activity within the Quad.

The building promotes an inviting, collaborative feel, through well-defined public areas accentuated by a large atrium that inundates the interior space with natural light. The exterior of the building is a skillful blending of elements that tie the building to the campus context.

# ADORN DORAN UNIVERSITY CENTER

## EXPANSION & RENOVATION

MOREHEAD STATE UNIVERSITY



### SERVICES

Master Planning | Physical & Functional Assessment | Architecture | Interior Design | Landscape Architecture | Civil Engineering

### SIZE

Phase I - 61,000 SF Renovation  
21,000 SF Expansion  
Phase II - Master Plan  
Phase III - 124,000 SF Renovation  
65,900 SF Expansion

### CONSTRUCTION COST

Phase I - \$9,200,000  
Phase III - \$39,601,000

### COMPLETION DATE

Phase I - Complete  
Phase II - Complete  
Phase III - Complete December 2018

### REFERENCE

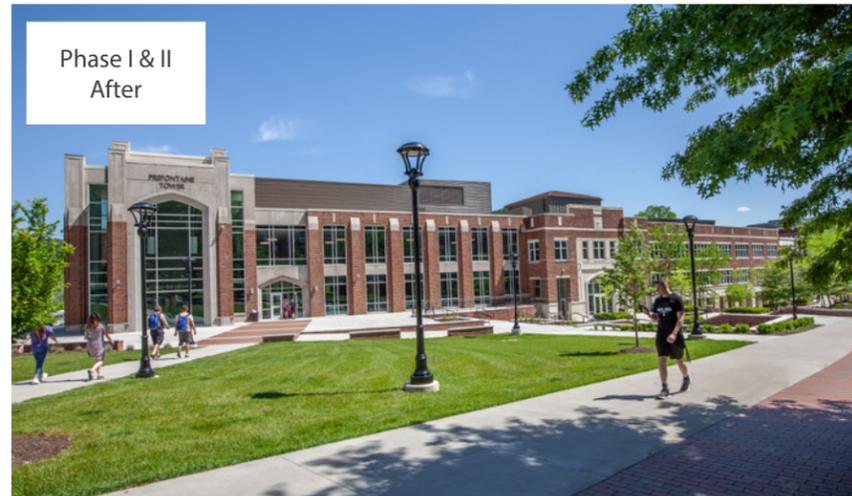
Mr. Kim Oatman  
Assistant Vice President Facilities  
606-783-2066  
k.oatman@moreheadstate.edu

### TARGET LEED CERTIFICATION

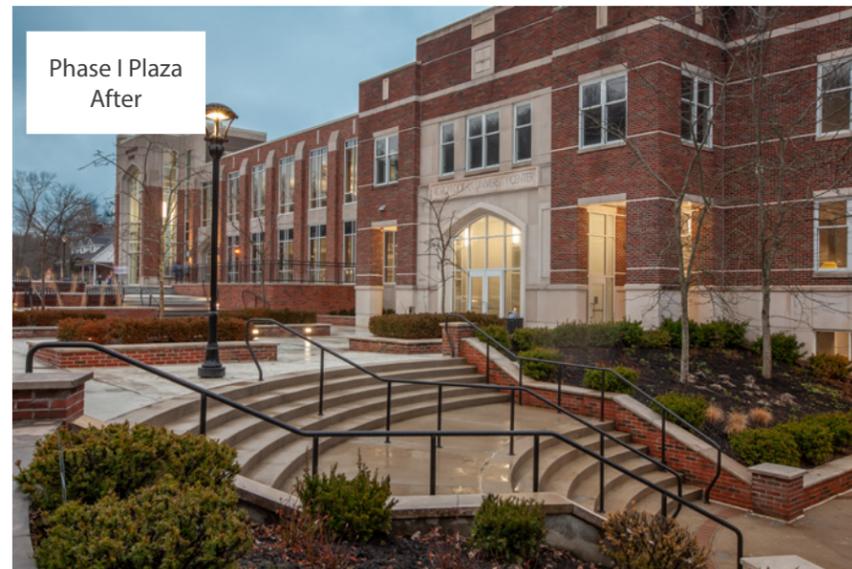


### IN ASSOCIATION WITH

Phase III - Workshop



Phase I & II  
After



Phase I Plaza  
After



Before

The Morehead State University (MSU) campus was founded on a rich architectural tradition of Collegiate Gothic design. The mid-1950's Adorn Doran University Center (ADUC) didn't continue this tradition nor did it meet current needs for campus programs and student life. With these projects the University envisioned a rejuvenated student center connected with tradition, integrated with the campus, enhanced campus programs, and a richer student experience.

Sherman Carter Barnhart worked with MSU on a series of master planning, design, and construction projects to transform ADUC into a facility that truly reflects the goals and dreams of the University. Based on a thorough assessment of the existing facility, we developed a phased implementation plan for the needed improvements.

Phase I focused on increased community use/meeting space, additional student services administrative space, new multipurpose meeting rooms, conference rooms and conference center dining. Additional student activities spaces included, the renovation and expansion of the bookstore, as well as the renovation and expansion of the kitchen and student dining venues.

One of the significant needs of the student center renovation was to expand the impact of the building into the surrounding campus. We developed a plan for reworking campus circulation to provide a more pedestrian friendly orientation to the campus with the ADUC as the focal point. The old road, cut directly through the heart of the campus. The redesign removed the drive-through and looped the one-way street system to create easy access to all of the buildings while eliminating unnecessary traffic. Two new plazas were created providing two different entry levels connected by a grand set of steps and walkway. Centrally located, the new amphitheater plaza functions as a front door to the student center, the President's home and the major east west campus connection.

Along the major student thoroughfare, the plaza is designed for a large volume of pedestrian traffic, as well as a green space to encourage student interaction. Natural forms utilizing elements of concrete, brick, as well as native trees and ivy creates seat walls, planting areas, and paving patterns.

In 2007, we were brought back to provide a Phase II updated master plan and program along with schematic design services and a cost model for the University to use in its' efforts to obtain project funding.

In 2014, Sherman Carter Barnhart along with our design consultant, Workshop, was engaged to design a Phase III project which would bring the 2007 Phase II study to fruition. This new design expanded the size of the center by 50%, completely renovated the facility, and redesigned the original building facades to connect with the campus's tradition of Collegiate Gothic architecture.

The site design converted an underutilized street into an open, sunlit pedestrian plaza, creating a new visitor's entrance and connecting with the University's new Central Campus Walk.

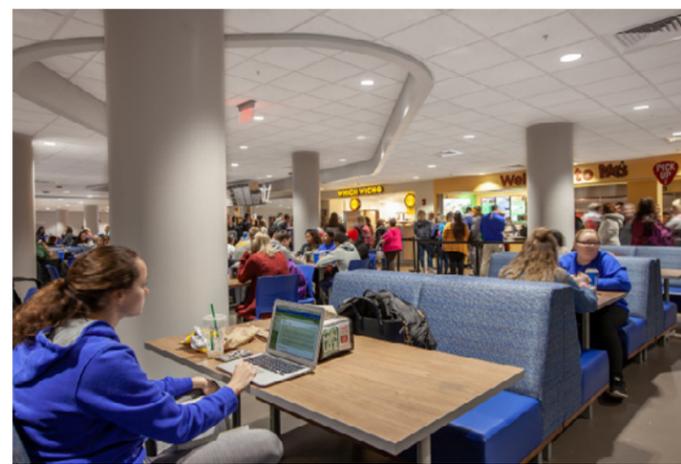
The addition provided a student admissions suite, theater, upgraded student dining venues, a sports pub, and an expanded ball room and associated meeting rooms. The renovation of the existing spaces added a Dean of Students Suite, offices and work areas for student groups, a cafe, and new meeting rooms with prefunction space. A new cafe adjacent to the new entrance and student admissions provides a spot for visitors to relax and orient.

While the ADUC facade respects the core campus's tradition of Collegiate Gothic Architecture, it also is clearly of our time. The interior is a vibrant, energetic, contemporary environment that reflects the wishes of students to have a light-filled, sustainable, and attractive student center.

# ADORN DORAN UNIVERSITY CENTER

## EXPANSION & RENOVATION

MOREHEAD STATE UNIVERSITY



# STUDENT RECREATION CENTER

## SUSAN E. BAUERNFEIND WELLNESS CENTER

MURRAY STATE UNIVERSITY

### SERVICES

Architecture  
Interior Design  
Landscape Architecture

### SIZE

73,000

### COST

\$8,886,323

### STATUS

Complete

### REFERENCE

Jason Youngblood, Director  
Facilities Design and Construction  
(270) 809-6859  
jyoungblood@murraystate.edu

From the outset, the President of the University wanted to ensure that the students, since it was their project, were given the opportunity to fully provide their input during the programming and design phase. We began by touring several facilities with students and administration. Following those tours developed a program based on their highest priorities for inclusion in the center.

The new Recreation & Wellness Center includes:

- Two Multi-Purpose Courts
- Gymnasium
- Lap And Recreation Pool, Including Spa And Whirlpool Elements
- Aerobics Room
- Multi-Purpose Rooms
- Fitness Room Including Circuit Strength Training, Cardiovascular And Free Weight Systems.

However, the students also envisioned this a place of interaction beyond just physical activities. Therefore, the program includes an

- Internet Café
- A Games Area
- Private Multi-Purpose Rooms

The facility is designed so that from the entry lobby, each activity available in the building is visible. This purposeful interaction of the various activities offered creates a dynamic interactive space, encouraging participation on some level by all students.

As part of this project, Sherman Carter Barnhart also master planned this northern edge of the campus, as this facility serves as the link between the major campus residential zone and the sports and recreation area of campus. The new Recreation & Wellness Center incorporates an arcade at the front entry, which links directly with the adjacent basketball arena. The building is also situated so that a very attractive grove of trees is maintained and is utilized as an outdoor recreation area adjacent to the pool.

The outside appearance is intended to be a blend between the more traditional campus architecture and a more open and inviting recreation environment. Traditional material such as brick and stone are used to recall traditional elements while creating an overall appearance which is more dynamic, more open, and becomes a real feature for the campus.



# COLLEGE OF BUSINESS & TECHNOLOGY

## & SOUTH CAMPUS MASTER PLAN UPDATE

EASTERN KENTUCKY UNIVERSITY

### SERVICES

Master Planning | Architecture|Interior Design| Landscape Architecture | Civil Engineering

### SIZE

100,000 SF

### CONSTRUCTION COST

\$14 Million

### STATUS

Complete

### REFERENCE

Mr. Barry Poynter, Vice President  
Finance & Administration  
859.622.5012  
barry.poynter@eku.edu



### PHASE I: MASTER PLAN

The first phase involved two master planning exercises. The first was a master plan/land-use study of a 350-acre farm recently acquired on the southside of the campus. As part of this exercise, Sherman Carter Barnhart identified potential buildable land sites for when EKU was ready to further expand the southern portion of campus.

The second master plan involved the 40-acre site for the College of Business & Technology and Center For the Arts, as well as establishing a new signature entrance and presence on the south side of EKU's campus. The master plan developed the building program from the large and diverse departments within the College of Business & Technology and established the siting of the buildings, extensive green spaces, parking and sculpting the site such that it transformed a wet-weather pond into a permanent water-feature with hard edges, a spillway, and space for a practice golf course.

### PHASE II: COLLEGE OF BUSINESS & TECHNOLOGY

Developed upon the earlier established spatial program, the College of Business & Technology boasts multiple technology-enhanced classrooms and an auditorium with instructional equipment, specialized lighting and tiered seating to optimize sight lines and student engagement. Technology and access needs were also developed to support the Small Business Development Center for Economic Development and the Center for Economic Development, Entrepreneurship and

Technology (CEDET). Student lounge spaces were judiciously assigned to assure active and passive learning spaces. At the heart of this facility is a three-story atrium rotunda, which provides natural light to the interior of the building and a location where faculty, staff, and students can interact with one another. A deep drum supporting the skylight allows light penetration but blunts most direct light reducing glare and energy expenses.

### PHASE III: COLLEGE OF BUSINESS & TECHNOLOGY ADDITION

The third phase included the 21,000 SF addition to the College of Business & Technology providing space for the PGA Golf Management program, the Business Library and Academic Commons, and the Risk Management and Insurance program. These varied spaces required unique technologies, materials, and access. Through efforts developed in earlier phases, the addition is a seamless blend with the existing College and the adjacent grounds and lake.

### PHASE V: SITE & CAMPUS IMPROVEMENTS

The final phase provided a signalized, vehicular, and pedestrian boulevard for direct access to south campus. Extensive site work was necessary to accommodate the significant grade change and utility relocation. Expanded parking was provided for approximately 300 cars and a future parking area for 200 cars was provided.

# WAYNE D. AND SUSAN H. ANDREWS HALL

MOREHEAD STATE UNIVERSITY



## SERVICES

Architecture|Interior Design

## SIZE

524 Beds

## CONSTRUCTION COST

\$25,632,256

## COMPLETION DATE

2016

## REFERENCE

Mr. Kim Oatman  
Assistant Vice President Facilities  
606-783-2066  
k.oatman@moreheadstate.edu

## LEED CERTIFICATION



Prior to selecting Sherman Carter Barnhart, the University had developed a master plan outlining, in general, the desired characteristics and location of residence halls on campus.

Sherman Carter Barnhart's initial step was to review room type, student community size, building size, operational efficiency & cost, site conditions, construction cost, and owner's budget for the residence halls shown in the master plan. We then synthesized the master plan information and the firm's residence hall database into a concept analysis document which analyzed the project construction cost, room type, building efficiency, and bed count for multiple residence hall schemes.

Andrews Hall has a combination of two and four bedroom suites with a shared bath providing a total of 524 beds on four floors. Each floor provides the students with shared multi-use space where they can come together as a community and build social bonds. The brick and limestone exterior is designed in the collegiate gothic style to enhance the existing campus architecture.



# THE MOBERLY BUILDING

## RENOVATION

EASTERN KENTUCKY UNIVERSITY

### SERVICES

Architecture|Interior Design| Site Design

### SIZE

Original Building - 46,000 SF

Renovation - 11,939 SF

### CONSTRUCTION COST

Original Building \$5 Million

Renovation \$1 Million

### REFERENCE

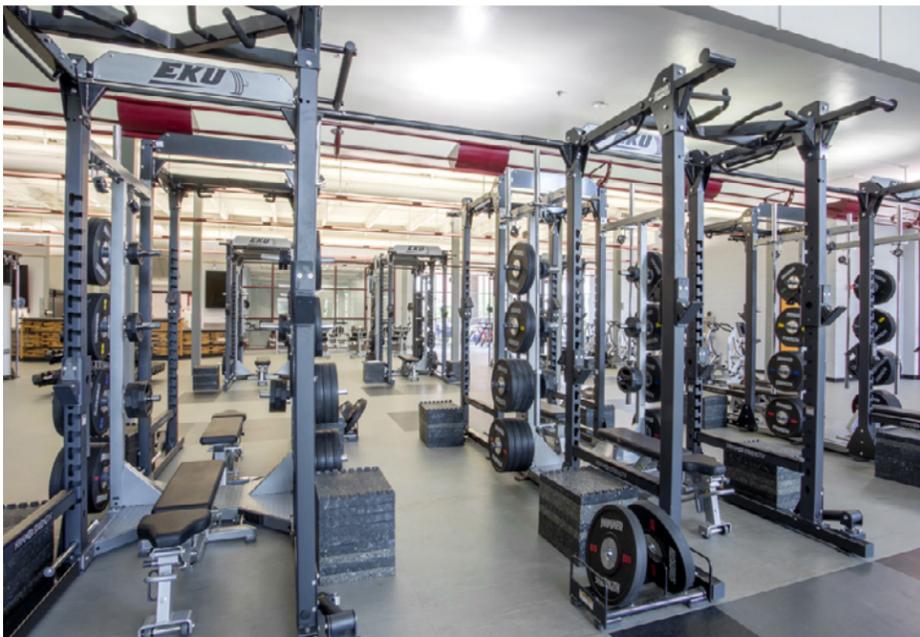
Mr. Kelly Crocker, Project Administrator

Capital Construction & Project

Administration

859.622.8725

kelly.crocker@eku.edu



Originally designed by Sherman Carter Barnhart in 1996, the Harry Moberly Building, is an intercollegiate athletic and exercise and sports science academic program.

The first floor features the Raymond E. Giltner Conditioning Center, a physical activity area/laboratory and the main training facility for EKU's 16 men's and women's intercollegiate athletic teams. The conditioning center includes an in-ground hydrotherapy pool with physical therapy equipment, three above-ground therapeutic pools and X-ray examination rooms and a Kinesiology lab.

The second floor provides areas designed for EKU's exercise and sports science program, the largest such academic program in Kentucky. Included are an aerobic conditioning area, three large classrooms, physiology and computer laboratories, and faculty offices.

### SPORTS TRAINING RENOVATION

In 2017, Sherman Carter Barnhart designed an expansion of the Strength Room into an existing gym area and converted a mezzanine into a Film Room featuring tiered seating and an operable partition for the Football Program.

To address any training need for EKU's student-athletes the renovation included the new Jack Ison Varsity Sports Performance Center is 1,200 SF and features renowned Hammer Strength equipment – 20 weight racks (720 pounds per rack), 16 pieces of plate-loaded machinery, six pieces of cardio equipment and **a 30-yard long by seven yard-wide artificial turf field to be used for warm-ups, sprints, agility training and plyometrics.** The weight area stands on Mondo flooring. The durable, anti-bacterial flooring is soft enough to run on, but strong enough to withstand the impact of dropping weight. Everything in the strength and conditioning center has rubber absorption under it, making it easier on the athletes' ankles, knees and hips. The facility also boasts a nutrition bar, which features eight smoothie machines and two ice cream dispensers. The front of the bar is made from used bourbon barrels to give it a Kentucky theme.

# BREATHITT VETERINARY CENTER

MURRAY STATE UNIVERSITY, HOPKINSVILLE CAMPUS



## SERVICES

AoR | Architecture | Interior Design

## SIZE

63,639 SF

## COST

\$29,180,000

## STATUS

Complete

## REFERENCE

Jason Youngblood, Director  
Facilities Design and Construction  
(270) 809-6859  
jyoungblood@murraystate.edu

## SPECIAL LAB CONSULTANT

Foil Wyatt

## LEED STATUS CERTIFICATION



The new Breathitt Veterinary Center (BVC) is a "state of the art" animal disease diagnostic lab at Murray State University's Hopkinsville Campus. It supports the diagnostic mission of the Breathitt Veterinary Center with dedicated laboratories and offices for research to continue to serve the animal production industry for the State of Kentucky and particularly Western Kentucky as well as neighboring states.

The BVC addresses GLP Guidelines, Biosecurity Procedures for Diagnostic Labs, BSL-2 Guidelines, BSL-3 Guidelines, ASHRAE-90 Guidelines and policies for securing LEED Silver Certification. While the new Breathitt Lab will provide much needed services, it also provides for future equipment and space requirements.

It accommodates truly functional labs that allow samples to be processed in proper sequence and flow. From sample receiving or carcass receiving to final reporting, the sample management and data delivery is safe, efficient and ergonomic. The new facility is designed to provide adequate and essential space to distribute utilities to all lab spaces in a "planned" format using a system of three dimensional "zones" and "rights of way" for establishing a distribution grid which can be easily modified for accommodation of future pieces of equipment (ie: robots, imaging, bio-safety enclosures).

The BVC also houses a Biological Safety Level 3 (BSL-3) Laboratory suite for working with bacteria, parasites, or viruses that are of high concern to animals and humans. It is the only BSL-3 animal diagnostic lab in Kentucky.

The labs are designed to create safe environments for the technician and lab personnel. Lab designs allow for proper emergency egress, automatic shut-down of systems and power and control of infectious agents. Critical systems include emergency back-up power to all life safety systems, all exhaust systems, all cooler-freezer units for tissue and sample storage.

The exterior blends into the classically inspired Murray campus, featuring brick, stone, prefinished aluminum storefronts and metal roof. A pyramidal roof atop the entry lobby is surmounted by an octagonal cupola.

The building is LEED Silver Certified and features a chilled beam mechanical system and constructed with insulated concrete form (ICF) exterior walls.

# UNIVERSITY TOWERS & VILLE GRILL

UNIVERSITY OF LOUISVILLE

## SERVICES

Architecture | Landscape Architecture | Civil Engineering

## SIZE

12,000 SF

## STATUS

Complete 2018

## REFERENCE

Mr. Mike Materna  
Planning, Design & Construction  
mike.materna@louisville.edu 502.852.5699



UNIVERSITY TOWER APARTMENTS NEW ENTRY & OUTDOOR PLAZA



UNIVERSITY TOWER APARTMENTS - BEFORE



The University Tower Apartments (UTA) and Ville Grill are located in the heart of the residential area of the University of Louisville campus.

Sherman Carter Barnhart was hired to renovate the lobby of UTA and design the new dining venue, The Ville Grill. The renovation of the UTA lobby created an opportunity to provide more daylight and social interaction spaces within the lobby, as well as the relocation of the main entry. Large expansive windows flood the interior with daylight as well as provide a visual connection to the new plaza.

UofL wanted the new food venue to engage its surroundings and students. The Ville Grill is located on a prominent corner on the west side of campus and adjacent to the University Tower Apartments. The initial idea for engaging the venue's surroundings was to have the dining room open and connect directly to the exterior to provide outdoor dining space. Since this idea was in conflict with the requirements of the food service provider, expansive glass dining bays were created. By arranging these large glass bays near the street and plaza, the dining activity can be seen from the outside, thereby creating a visual connection to engage the surroundings.

As the design for both projects evolved and seeking input from both students and UofL administrators, it was decided a new plaza would be a great way to connect these two facilities. The new outdoor plaza creates a connection between the University Tower Apartments main entry and the Ville Grill. With newly created seating areas, the plaza provides much needed outdoor social interaction spaces as well as an outdoor dining area.

# KIRKLAND BASEBALL COMPLEX

## RENOVATION

ASBURY UNIVERSITY



### SERVICES

Landscape Architecture | Civil Engineering

### PROGRAM

New Entry  
Baseball Field Improvements  
Softball Field Improvements

### CONSTRUCTION COST

\$1.5 Million

### STAUS

Complete

### REFERENCE

Glenn Hamilton  
Vice President For Business Affairs & Treasurer  
Asbury University  
859-858-3511  
glenn.hamilton@asbury.edu



Sherman Carter Barnhart's Landscape Architecture/ Site Design & Development division provided an assessment of the current baseball and softball complex, prior to designing the phased implementation plan for the much needed improvements. The assessment focused on safety and code issues, flexibility of the facility for other uses and events, the "playability" of the fields and the overall fan and player experience.

Within the overall complex, the aesthetic improvements include a more formal entry near the George Luce Physical Activities Center featuring concrete and brick paving, seat walls, new lighting, a retaining wall with new signage and landscaping.

A new concessions facility will include new collegiate level locker rooms for both the men's baseball team as well as the women's softball team.

The baseball field improvements include new bleachers, a new press box, a new backstop, sports lighting, new scoreboard, new dugout, fencing, warning track and laser grading and grass for the outfield. Softball field improvements include fencing padding, warning track, and the re-use of the existing baseball bleachers.

Implemented in phases, Phase I included new dugouts, fencing, new scoreboard, new lighting, new bleachers and a new pressbox. Softball field improvements included in this phase were fencing, a warning track, and bleachers.

# OCCUPATIONAL TECHNICAL BUILDING

## FEASIBILITY STUDY

ELIZABETHTOWN COMMUNITY & TECHNICAL COLLEGE

### SERVICES

Master Planing | Architecture

### SIZE

94,000 SF

### STATUS

Complete

### REFERENCE

Anne Saint-Aignan Muller  
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MAIN ENTRY HALL



EVENT CENTER



STUDENT COMMONS



ADVANCED MANUFACTURING CENTER



Elizabethtown Community and Technical College (ECTC) engaged the services of Sherman Carter Barnhart to conduct a feasibility study of the existing Occupational Technical Buildings (OTB Building 100, 200, and 300) on the main ECTC campus. Our work consisted of an assessment of the existing space utilization and program verification of nearly 94,000 SF, the development of a new program to accommodate current and future needs, preliminary design options that capture the college's long-term vision for academic programs, and cost opinions for phased construction.

To accommodate the new academic programs in the OTB Buildings, a New 37,000 SF Transportation & Logistics Building is planned by pulling out existing Diesel, Automotive, and Agriculture programs.

The completely re-imagined OTB Buildings will feature a 10,000 SF Event Center to promote industry training and community engagement. It will provide much needed large meeting, event, and conference space for both the ECTC campus

and the growing Elizabethtown area. This flexible space will accommodate 500 to 550 occupants at tables and chairs and be divisible into smaller spaces with each area having full presentation capabilities.

Supporting the Event Center is a completely renovated Culinary Arts Suite that will include the latest in culinary equipment to enhance student learning opportunities and provide authentic culinary experiences through catering and dining service.

Another significant addition will be a new 12,000 sf Advanced Manufacturing Suite. This state of the art facility will promote additional workforce solutions and provide industry training opportunities by being a highly visible, functional show piece that has a strong visual impact on all campus visitors. Additional features of the OTB Buildings include a completely renovated exterior featuring materials such as metal panels, glass, and steel and new interior spaces incorporating natural daylight into spaces for informal student study areas and student collaboration.

# CENTER FOR THE ARTS

EASTERN KENTUCKY UNIVERSITY

## SERVICES

Architecture | Interior Design | Landscape  
Architecture | Civil Engineering

## SIZE

129,000 SF

## CONSTRUCTION COST

\$28 Million

## STATUS

Complete

## REFERENCE

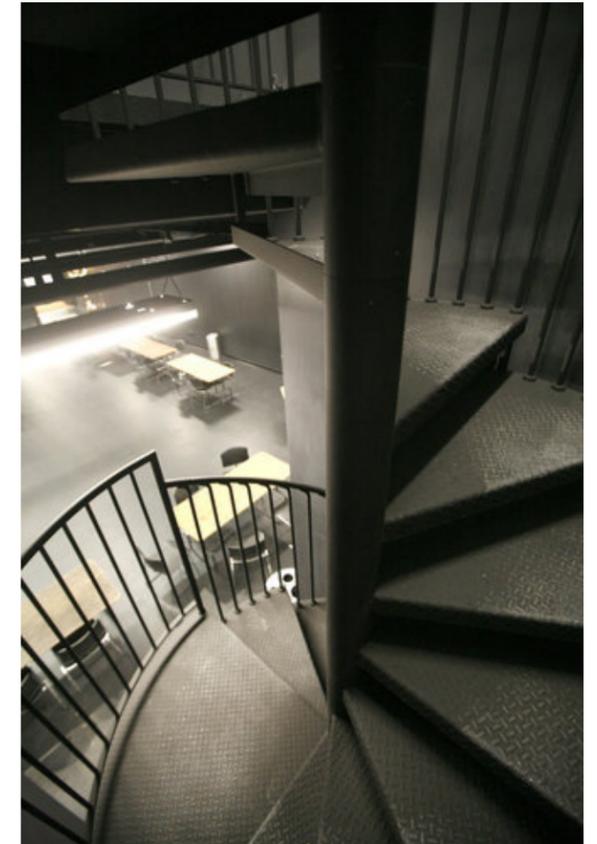
Mr. Barry Poynter, Vice President  
Finance & Administration  
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The Center for the Arts features a 2,000 seat state-of-the-art Performing Arts hall designed as a multi-purpose space, to host a wide variety of performance venues. The majority of the seating is located on the main floor with a center cross-aisle bringing the audience in from the lobby on both sides. There is a flat gallery on either side for additional loose seating that can also serve as an extension of the performance areas or as a side box for handicapped patrons with companion seats. Side galleries with movable seating create box seating in the style of the classical theatre. There are also two balconies.

The Center for Arts also features a Black Box Theater, designed to accommodate University and community performances. The Theater is approximately 3,300 square feet and will accommodate various seating configurations with a capacity of 225 seats. Remote vestibule entries enhance light and sound separation from the Prefunction/Lobby space.

A full perimeter technical gallery overlooks the entire perimeter of the Black Box providing flexibility for lighting, props and access. A pipe grid is provided for a future tension grid that will provide complete overhead access. A control booth at the technical gallery level monitors lighting and speakers. A perimeter curtain provides flexibility for actor's access and conceals storage as well as the spiral stair access to the technical gallery. Hard surfaces are provided to reflect sound and to isolate mechanical intrusion to the space. Support spaces including dressing rooms, green room, box office, restrooms and an administrative suite are also provided.



# GREEK PARK & GREEK HOUSING

## ALPHA CHI OMEGA • PHI MU • FARMHOUSE

UNIVERSITY OF KENTUCKY

### SERVICES

Architecture|Interior Design| Landscape  
Architecture | Civil Engineering |  
Structural Engineering

### SIZE

Alpha Chi Omega: 21,000 SF/38 Beds  
Phi Mu House: 18,000 SF/38 Beds  
FarmHouse: 20,000 SF/52 Bed

### CONSTRUCTION COST

Alpha Chi Omega: \$6 M  
Phi Mu House: \$4 M  
FarmHouse: \$3.4 M

### STATUS

Alpha Chi Omega : Complete 2018  
Phi Mu House : Complete 2015  
FarmHouse: Complete 2014

### REFERENCE

Raymond Haunsz, Project Manager  
Capital Project Management Division  
University of Kentucky  
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### FARMHOUSE FRATERNITY

The FarmHouse Fraternity house is traditional in appearance, complementing the surrounding textures and context of the University of Kentucky campus. The house is three stories, featuring a fiber cement siding exterior with brick and precast details and shingle roof. It is configured with bedroom suites offering a centralized bath. In addition to the men's rooms there is a private house mother suite, which contains a bedroom, living room area, and private bathroom. Outside, there is a veranda in the back featuring a large patio and outdoor gathering space.



### GREEK PARK

Sherman Carter Barnhart began working with the University of Kentucky on the development of Greek Village in 2012. The site design solution provided connectivity throughout the

area, complementing the existing landscape fabric of the campus in accordance with the master plan. Pedestrian corridors and green spaces, enhance the Greek student's experience, create the opportunity to strengthen UK's Greek community, and connects the Greek Village to the surrounding campus areas.

Greek Village is a vibrant community that serves as the center of UK's Greek social and residential life. It transitions sensitively to adjacent neighborhoods at Euclid Avenue and Woodland Drive, enhancing student life through a dynamic living and learning environment. Greek Park, serves as termination point at Transylvania Park and features an open green space for gatherings and outdoor performances, with the Spanish Steps creating terraced seating. The area also provides parking, which was designed with permeable pavers to achieve water quality and quantity controls.

### PHI MU SORORITY

The Phi Mu Sorority House on Rose Lane is a new, 3-story building featuring a classically inspired exterior with four 20' tall Ionic columns supporting a radiused porch. Cut stone and brick veneers clad the building exterior with standing seam metal roofing and 3rd floor mansard.

The building interior includes an elliptical entry vestibule fronting the 2-story entry hall. A parlor with fireplace, large Chapter Room with custom casework and large Dining Room provide ample public space on the ground floor. The second floor includes a Library and rooftop terrace. Other public spaces include study and craft areas. The house provides a house mother suite and accommodations for 38 women within 9 bedroom suites.

The site includes a garden behind the house consisting of several patios of granite, concrete, paver stone and sod. Garden walls screen the adjacent parking lot and provide seat walls.



### ALPHA CHI OMEGA

The Alpha Chi Omega Sorority is one of the largest Greek houses on campus. The Georgian Revival brick and stone exterior of the building includes a large and inviting entry porch punctuated with 4 Ionic columns and pedestals. The Alpha Chi Omega coat of arms is predominantly placed within the pediment above the entry porch. The ground floor is punctuated with large archtop windows with radial muntins recessed into a stucco and stone frame surrounded by a brick arch with keystone.

The house includes a walk-out basement that opens to a wide patio with a radial seat wall along the rear of the building in a parklike, landscaped setting. This side of the house is graced with 3 large archtop windows set in a frame of Ionic and Tuscan pilasters upon stone pedestals. The walk-out basement includes a large Dining / Chapter Room capable of seating nearly 150 occupants and includes a commercial kitchen, large serving space and craft room.

A sweeping, elliptical stair and overlook connects the walk-out basement to the ground floor above. The ground floor includes many public spaces including a large Living Room that may accommodate over 75 occupants with large, arched windows overlooking the patio below. Also provided at the ground floor is the House Director Suite, Conference Room, Study Room, Restrooms, Foyer and Alcove.

The house includes 23 bedrooms on two floors in a variety of configurations to accommodate 2 or 3 occupants. Central bathrooms on each resident floors provide amenities of glass door showers, granite lavatories and granite top make-up counters with personal cubbies.

The spaces of Alpha Chi Omega were purposely designed to encourage community living and sisterhood and equipped with spaces and infrastructure to support superior academics, alumni involvement with all the comforts of home.

## COLLABORATION.

**SHERMAN CARTER BARNHART'S PHILOSOPHY IS FIRMLY ROOTED IN THE BELIEF THAT SUCCESS IS THE RESULT OF COLLABORATION.**

At the core of our architectural practice is design and planning excellence. Sherman Carter Barnhart is committed to creating uplifting spaces for people, responding to community, context, and environment.

Our philosophy is firmly rooted in the belief that success is the result of collaboration and dialogue, a process which stresses an open exchange of ideas both within the firm and more importantly, between the client and the firm throughout the development of a project. Through a comparative process, which teases out critical issues and optimal solutions, we are able to ensure that the client's needs and desires are addressed at each point in the life of a project.

## HIGHER EDUCATION STUDIO.

**A DEFINING STRENGTH OF SHERMAN CARTER BARNHART IS THE THOUGHT LEADERSHIP WE OFFER THROUGH OUR STUDIO-FOCUS APPROACH.**

As leaders in the design of academic facilities, including state-of-the-art classrooms, performing arts facilities, student housing, and student life, Sherman Carter Barnhart's higher education studio brings inventive skill, vision, and in-depth understanding of the issues affecting colleges and universities.

Sherman Carter Barnhart promotes innovative design that addresses the needs of today's students. We acknowledge the significance of recruitment, retention and ranking among the competitive learning community. We work with our clients to integrate evolving technologies and teaching styles into building design, founded on student expectations.