

EXPRESSION
OF INTEREST

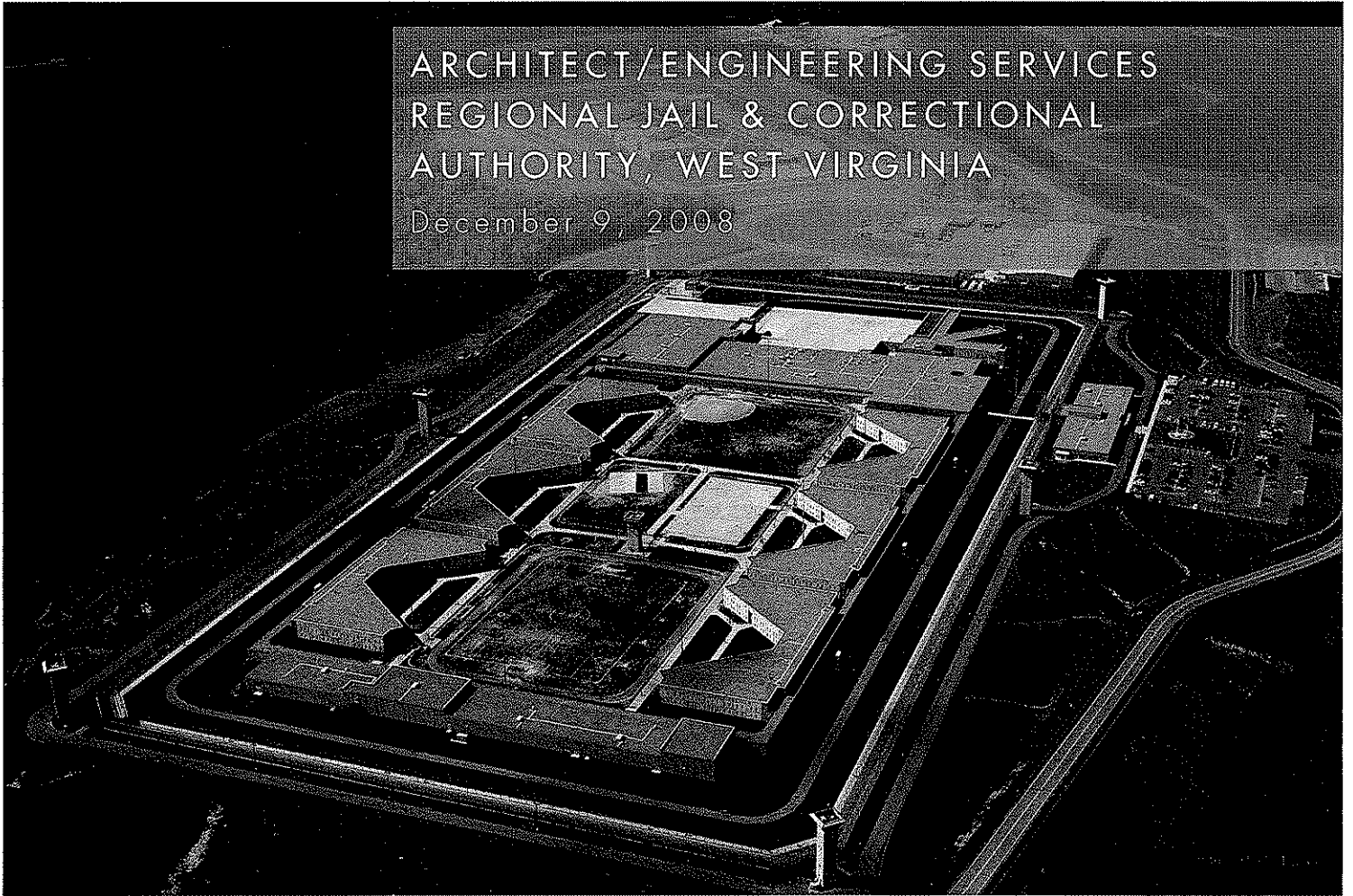
RECEIVED

2008 DEC -9 A 10: 38

CLERKING DIVISION
STATE OF WV

ARCHITECT/ENGINEERING SERVICES
REGIONAL JAIL & CORRECTIONAL
AUTHORITY, WEST VIRGINIA

December 9, 2008



KZF GOVERNMENT & JUSTICE GROUP

ARCHITECTURE
ENGINEERING
INTERIORS
PLANNING

KZF DESIGN

KZF Design, Inc. 655 Eden Park Drive Cincinnati, OH 45202 main 513.621.621 fax 513.621.6530 KZF.COM

TABLE OF
CONTENTS

	PAGE
A. Experience/Capabilities	1
B. Federal/State Regulations	6
C. Project Experience	7
D. Correctional Facility Design	17
E. Correctional Work Environment	18
F. Plan of Approach/Timeline	19
G. References	20
H-J. Legal Statements	21

A. EXPERIENCE/
CAPABILITIES



INTRODUCTION

KZF Design, Inc. has an experienced and proven team in jail and correctional design that has completed several successful large-scale and complex project within tight timeframes. The key individuals who worked on these projects, whose qualifications and experience are described in this response, are the same individuals who will perform the Architectural/Engineering services for this contract with the West Virginia Regional Jail and Correctional Authority. In addition, KZF has substantial experience with correctional projects located in the state of West Virginia. Two of our most recent projects include the Federal Penitentiary/Prison Camp and Secure Women's Facility, located in Hazelton, West Virginia.

KZF Design is a leading national full-service architectural, engineering, interior design, and planning firm that has served the justice community for more than 25 years. As part of our continuing commitment to the justice sector, KZF recently added jail planner and designer David Bostwick, AIA, as Director of Justice Planning and Design. Over his 18-year career, Mr. Bostwick has provided the highest quality jail planning and design services to clients throughout the country. He understands that the design of a detention project is only successful if the architectural and operational program requirements are met, and he will therefore work closely with the County Jail programmer.

Roofing replacement and repairs is an important component for the existing facilities within the West Virginia Regional Jail and Correctional Authority. Careful attention to detail combined with qualified design sensitivity and technical expertise is crucial to ensuring a successful project. Work performed at this facilities must be carefully planned and properly executed to maintain high quality standards and long-term systems that work within the Authority's budget and on-going scheduling operations. KZF has several decades' experience in roofing repair and renovations for a variety of clients and building types to provide a solution for any problem that may arise at facilities under the Authority's jurisdiction

KZF is committed to producing superior, quality solutions thanks to the high level of technical accuracy and expertise among our professional multidiscipline staff. We have won numerous design awards for our work, including several projects in the justice field. KZF is also committed to a diverse workforce and is an equal opportunity employer. Our talented, multidiscipline staff spans the spectrum of Architecture/Engineering services, and our thorough knowledge of both correctional projects and roofing/renovation projects in addition to our experience in the state of West Virginia makes us the ideal contractor for the Regional Jail and Correctional Authority Project.



A. EXPERIENCE/ CAPABILITIES

THE KZF DESIGN TEAM

Principal in Charge: Douglas L. Marsh, CDT. Mr. Marsh continues his long history of work with various government clients through his years as a project manager and as Director for KZF's Government and Justice Group. His project experience includes renovation projects and new construction for a variety of building types, including corrections facilities, court facilities, educational institutions, office/administration, laboratories and housing buildings. He also has experience in master planning and programming and has extensive experience with federal clients including all branches of the Department of Defense and the Federal Bureau of Prisons. His project experience includes: *Big Sandy Penitentiary and Federal Prison Camp - Inez, KY; Grand Prairie Regional Office Consolidation - Grand Prairie, TX; Grand Prairie Designation Sentence and Computation Center - Grand Prairie, TX; Marion Juvenile Corrections Facility - Marion, OH; Magoffin County Courthouse - Salyersville, KY; Hazelton Penitentiary and Federal Prison Camp - Hazelton, WV; Secure Women's Facility - Hazelton, WV.*

Project Manager: David Bostwick, AIA. Mr. Bostwick has worked exclusively in criminal justice planning and design for over 18 years and brings his unique perspective to KZF Design's Justice Group as our new Director of Justice Planning and Design. This special expertise has allowed David to provide his specialized services on dozens of correctional and jail facilities across the Midwest. The following is a small sample of David's detention facility project experience with Kimme & Associates in Champaign, IL: *St. Charles County Jail Expansion, MO; Will County Adult Detention Facility Expansion, IL; Door County Justice Center, WI; Waukesha County Justice Center Expansion, WI; Livingston County Jail, IL; Cass County Jail, ND; Winnebago County Jail and Sheriff's Facility, WI; Ashland County Jail and Sheriff's Facility, OH.*

Project Manager: Michael K. Smith, RA, CCS, CDI. Mr. Smith is the Manager of Specifications, a Project Manager and Senior Architect. As Manager of Specifications, he is involved in architectural building component selection and is responsible for quality control, coordination and assembly of all project specifications. He also oversees the production of specifications and contract conditions for architectural projects. Mr. Smith has worked on various building types including barracks/dormitories, cemetery facilities, courthouses, corrections facilities, garages, hotels, manufacturing facilities, municipal buildings and educational buildings. In addition, he has a special expertise in roofing replacements, historic preservation, building assessments, and building/system failure analysis. His roofing project experience includes: *Toyota Motor Manufacturing North America Roof Replacement - Erlanger, KY; Honeywell Building Roof Assessment - Blue Ash, OH; Villa Madonna Center Roof Replacement - Villa Hills, KY; Spring Grove Cemetery, Lakeside Mausoleum Roof Assessment - Cincinnati, OH; Cincinnati Public*

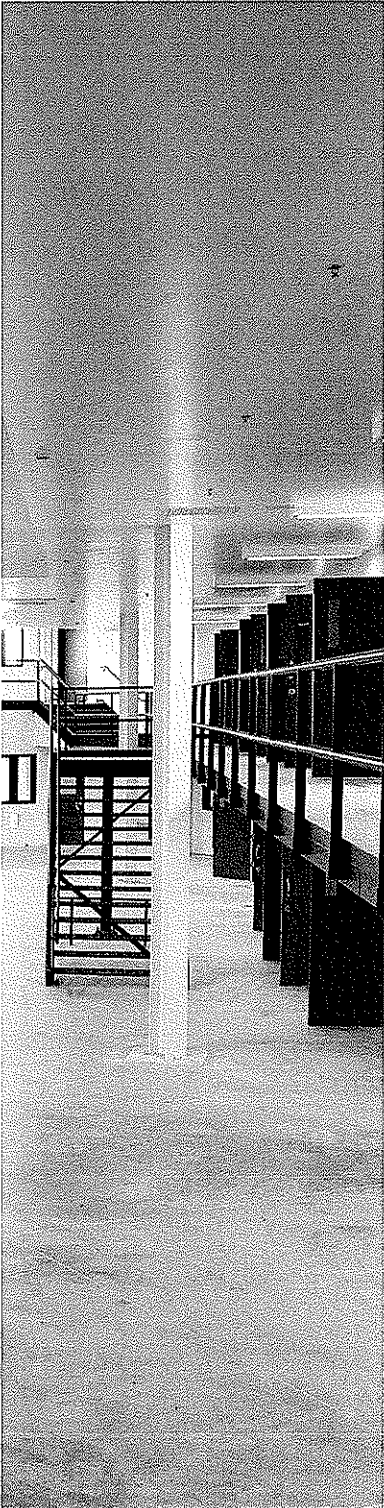


A. EXPERIENCE/ CAPABILITIES

Schools, Roofing Replacements at Five Different Schools - Cincinnati, OH; Cathedral Basilica of the Assumption, Roofing Replacement - Covington, KY; Metropolitan Sewer District, Powerhouse Built-Up Roofing - Cincinnati, OH; City of Norwood City Hall, Police Academy, and Community Center Roofing Replacement - Norwood, OH.

Architect: Michael J. Hanson, RA. Mr. Hanson is an Architect at KZF Design with more than 15 years of experience in the development of architectural construction documents for institutional, commercial and justice facilities. He is proficient in MicroStation and has made 3D models used on justice projects to show the limitations of sight lines from the guard towers. Mr. Hanson is a valuable asset to a project team because he is able to find solutions that everyone can agree on and he is able to communicate problems in terms that each team member can comprehend. His project experience includes: *Big Sandy Penitentiary and Federal Prison Camp - Inez, KY; Ohio Air National Guard Marysville Armory Training and Community Center - Marysville, OH; Magoffin County Courthouse - Salyersville, KY; Hazelton Penitentiary and Federal Prison Camp - Hazelton, WV; Grand Prairie Regional Office Consolidation - Grand Prairie, TX; Kenton County Justice Center and Parking Garage - Covington, KY; Secure Women's Facility - Hazelton, WV.*

Roofing Architect: Robert A. Bartolt, AIA, LEED AP. Mr. Bartolt Bob is a Senior Project Architect experienced in all phases of the design/construction process with both a technical degree and a design degree in architecture. His primary responsibilities include layout, coordination, and production of construction documents; code review; and project planning. He has special expertise with re-roofing projects, utilizing numerous roofing systems on a variety of building types. He also has written specifications for many projects throughout his 22 years of experience. Mr. Bartolt understands the importance of accurate roof detailing and more importantly, thorough field investigation and documentation. He has worked on various building types including k-12 schools, higher education facilities, government buildings, manufacturing facilities, and multi-family housing. Additionally, he has performed numerous building assessments for the financial industry. His roofing project experience includes: *Buckeye Hills Career Center Roof Replacement - Rio Grande, OH; Southern Hills Career Center Roof Replacement - Georgetown, OH; Greene County Career Center Roof Replacement - Xenia, OH; Cincinnati Public Schools, Various Re-Roofing Projects - Cincinnati, OH; Princeton City School District Various Re-Roofing Projects - Cincinnati, OH; Cincinnati Metropolitan Housing Authority, Laurel Homes/Lincoln Court Roofing Replacement Project - Cincinnati, OH; Butler County Administration Building Roofing Replacement - Hamilton, OH.*





A. EXPERIENCE/
CAPABILITIES

Structural Engineer: Ted W. Verst, PE, SE. Mr. Verst KZF's Director of Structural Engineering Services and is responsible for design and preparation of contract documents for structural engineering. Ted oversees all aspects of the structural engineering discipline and is a member of the firm's Quality Control Team. In addition to being a licensed Professional Engineer (PE), Ted is also a licensed Structural Engineer (SE). He possesses a vast knowledge of seismic design and has successfully completed the California Seismic Design Principles Examination. He is also proficient in numerous computer programs such as MicroStation, RISA, RAM Analysis, Enercalc and Microsoft Office. His project experience includes: *Big Sandy Penitentiary and Federal Prison Camp - Inez, KY; Kenton County Justice Center and Parking Garage - Covington, KY; Hazelton Penitentiary and Federal Prison Camp - Hazelton, WV; Ohio Air National Guard Marysville Armory Training and Community Center - Marysville, OH; Secure Women's Facility - Hazelton, WV.*

Mechanical Engineer: Joseph Nader, PE. Mr. Nader is KZF's Director of Mechanical Engineering Services. He is responsible for providing technical management, leadership, professional development, and education to all members of the firm's Mechanical Engineering discipline as well as Quality Control for Mechanical Engineering. Mr. Nader has special expertise in reviewing codes for projects involving mechanical, electrical, plumbing and central plant design for HVAC work. He has worked with all of the firm's client types, including educational, cultural, transportation, infrastructure, commercial, industrial, justice, government and corporate. In addition, Mr. Nader is a State Certified Plans Examiner—a role requiring an exam and 30 hours of continuing education every three years before renewal. His project experience includes: *Big Sandy Penitentiary and Federal Prison Camp - Inez, KY; Highland County Justice Center - Hillsboro, OH; Ohio Air National Guard Marysville Armory Training and Community Center - Marysville, OH; Hazelton Penitentiary and Federal Prison Camp - Hazelton, WV; Magoffin County Courthouse - Salyersville, KY; Secure Women's Facility - Hazelton, WV.*

Electrical Engineer: Purushottam Patel, PE. Mr. Patel is the Director of Electrical Engineering Services responsible for guiding the electrical design discipline to design quality, economic and reliable electrical systems as well as provide quality control on projects. He is an experienced electrical engineer with skills in power distribution, lighting, communications, sound systems, fire alarm systems, instrumentation, programmable logic controllers and SCADA system design. Puru's expertise is in historic renovation and expert witness testimonies. In addition, he is proficient with MicroStation, AutoCAD and other specialty software for electrical design. Mr. Patel's project experience includes: *Big Sandy Penitentiary and Federal Prison Camp - Inez, KY; Ohio Air National Guard Marysville Armory Training and Community Center - Marysville, OH; Grand Prairie Regional Office Consolidation - Grand Prairie, TX; Hazelton Penitentiary and Federal Prison Camp - Hazelton, WV; Secure Women's Facility - Hazelton, WV.*



A. EXPERIENCE/
CAPABILITIES



Plumbing Engineer: Stanley S. Houston, PE, LEED AP. Mr. Houston is a Senior Mechanical Engineer responsible for all phases of building system design. He will also provide LEED guidance and assistance for all disciplines involved with the project. Mr. Houston has a vast working knowledge of HVAC, plumbing and fire protection design issues, and is proficient in MicroStation, AutoCAD and vendor selection programs. Mr. Houston has been a LEED Accredited Professional since 2004, and has lent his skills to many of KZF's sustainable designs. His project experience includes: *Big Sandy Federal Penitentiary and Federal Prison Camp - Inez, KY; Hazelton Federal Penitentiary and Federal Prison Camp - Hazelton, WV; Hazelton Secure Women's Facility - Hazelton, WV; Connecticut Juvenile Training School - Middletown, CT; Elkton Correctional Institution and Federal Prison Camp - Elkton, OH; Marion Juvenile Corrections Facility - Marion, OH; Highland County Justice Center - Hillsboro, OH; Warren County Correctional Institution - Lebanon, Ohio.*

Construction Administrator: Duane Singleton. Mr. Singleton is a Construction Administrator with more than 26 years experience in general construction, site development and highway and bridge construction inspection. He is responsible for monitoring the construction progress and conformance to the design documents for the assigned projects. Other responsibilities include responding to requests for information (RFIs) from the Owner and/or Contractor, interpretation of contract documents, monitoring construction schedules throughout the project, scheduling engineers and consultants to review ongoing work at key intervals during construction, assisting in review of shop drawings, product data and the Contractor's applications for payment. Mr. Singleton has been KZF Design's Construction Administrator for large State and Federal Government Projects, both in and out of state, for the last nine years. His project experience includes: *Big Sandy Federal Penitentiary and Federal Prison Camp - Inez, KY; Hazelton Federal Penitentiary and Federal Prison Camp - Hazelton, WV; Hazelton Secure Women's Facility - Hazelton, WV; Marion Juvenile Corrections Facility - Marion, OH; Hamilton County Commissioners, Hamilton County Jail - Cincinnati, OH.*

B. FEDERAL/STATE REGULATIONS

KZF Design is familiar with and understands Federal regulations regarding renovations as a result of having performed numerous renovation design services for the United States Department of Defense. KZF has provided design services to the US Federal Bureau of Prisons as well. We are confident that our team can and will fully comply with all West Virginia regulations.

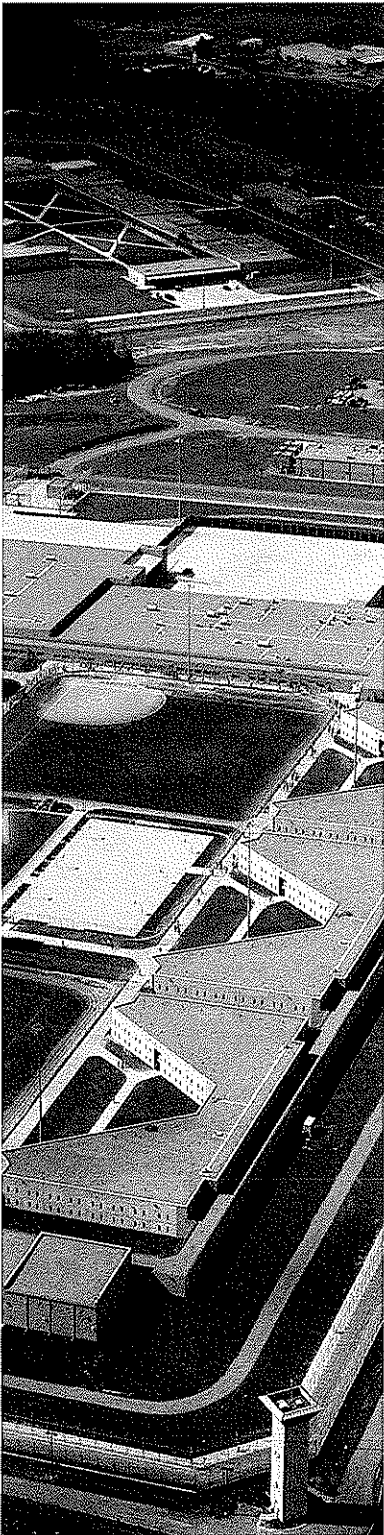
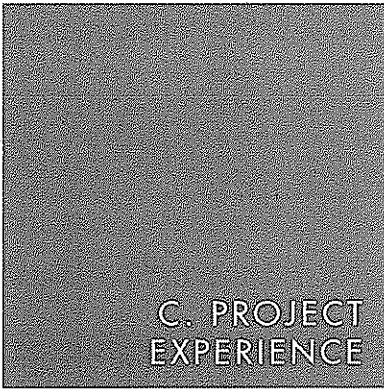
Historically, 60% of all work completed by KZF has been rehabilitation, renovation and tenant fit-up projects. KZF has consistently been named as one of the top 50 renovation architects in the country.

Our renovation projects have included office buildings, federal and state government buildings, health care centers, laboratories, hospitals, computer centers, municipal buildings, recreation and sports centers, and many specialty environments. These renovation designs have been for both large and small projects executed under single and indefinite quantity multiple purchase order contracts.

Our staff is experienced in the unique nature of renovation design including:

- Code compliance issues including, egress and life safety issues
- Uniform Federal Accessibility handicap requirements
- ADA Standards
- Fire protection design and upgrade
- HVAC and electrical systems upgrades
- Phasing of design and construction to accommodate occupied facilities
- Preparation of contract documents to address field conditions
- Demolition design
- Asbestos and lead abatement issues
- Construction and demolition staging requirements
- Energy budget evaluations
- Interior Design





Name: Federal Bureau of Prisons, Hazelton Penitentiary and Federal Prison Camp

Location: Hazelton, West Virginia

Project Schedule

Design Began: 2000

Finished: 2001

Construction Began: 2002

Finished: 2004

Project Construction Costs: \$134,000,000

Change Order Amounts: >\$1M, Owner-Initiated

Gross SF: 650,000 SF

Number of Beds: 1,088

Type of Detention: Maximum Security

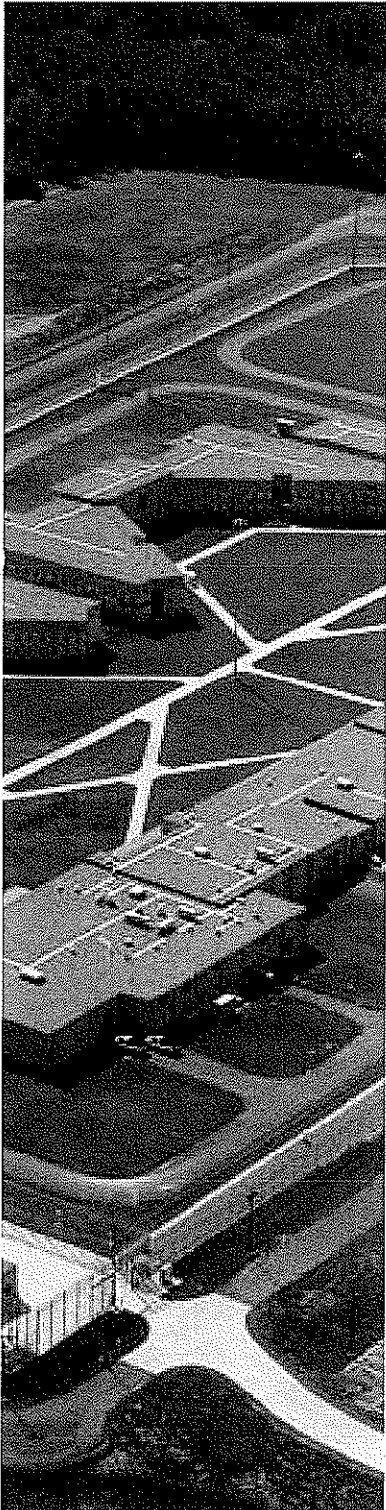
Support Components: Administrative, Administrative Segregation, Intake, Medical, Educational, Vocational, Recreational, Housing, Food Service

Professional Services Provided: Project Management, Architecture, Structural, Mechanical, Electrical, Specifications, Construction Administration

Project Description: KZF Design was the lead architect and engineer as part of the Design/Build team that constructed the \$129M corrections facility. The prison is a maximum-security institution with 768 cells and support facilities, and an additional 120 special housing cells. This 650,000 SF facility is a compound plan consisting of one- and two-story program buildings, a Federal Prison Industries (UNICOR) factory, and six two-story general housing buildings with a continuous secure corridor surrounding an interior compound.

The US Penitentiary is enclosed by a triple security fence with a taut wire system and six guard towers ring the secure perimeter. In addition, a 27,000 SF minimum-security Federal Prison Camp with living units and support facilities for a rated capacity of 128 inmates is located outside the secure compound along with a central warehouse, garage maintenance building and a firing range. There are a total of 1,088 beds. The 996-acre site was topographically challenging. The site had been strip mined in some areas and required remediation. Master planning of the site permits the addition of up to two additional FBOP institutions in the future.

C. PROJECT EXPERIENCE



Name: Federal Bureau of Prisons, Hazelton Secure Women's Facility

Location: Hazelton, West Virginia

Project Schedule

Design Began: 2003

Finished: 2004

Construction Began: 2004

Finished: 2006

Project Construction Costs: \$69,000,000

Method of Construction: Design/Build

Gross SF: 250,000 SF

Number of Beds: 512

Type of Detention: Low-Security

Support Components: Administrative, Administrative Segregation, Intake, Medical, Educational, Vocational, Recreational, Housing, Food Service

Professional Services Provided: Project Management, Architecture, Structural, Mechanical, Electrical, Interior Design, Construction Administration

Project Description: KZF Design was the lead architect and engineer as part of a Design/Build team for a new Secure Women's Facility on a 966-acre site in Hazelton, WV. The Secure Women's Facility is a first generation federal facility prototype developed specifically for women. The facility is similar to other federal correctional institutions with individual housing buildings centered on an open courtyard in a campus-like plan and support spaces wrapping around the courtyard on the remaining three sides. The Secure Women's Facility has a rated capacity of 512 inmates who will be housed in one of two housing buildings, each of which contains 128 cells. An additional 16 cells are provided in the Special Housing Unit. The total gross building area is over 200,000 SF. Construction costs totaled nearly \$69M.

KZF Design also prepared the Master Plan for the Hazelton site, which was designed to accommodate three facilities including a United States Penitentiary (USP), a Federal Correctional Institution-Secure Women's Facility (FCI-SWF) and a Federal Correction Institution--Low (FCIL). Construction of the first phase of the Master Plan included the USP and support facilities consisting of a Federal Prison Camp (FPC) and the Central Shared Facilities and Central Utility Plant. KZF Design was the Architect/Engineer for these facilities as well. The USP Facility is a maximum-security institution consisting of 650,000 SF of one- and two-story buildings arranged around central courtyard and connected by a secure corridor. The USP contains 768 General Housing Cells and an additional 120 Special Housing Cells.



C. PROJECT
EXPERIENCE

Name: Federal Bureau of Prisons, Big Sandy Penitentiary and Federal Prison Camp

Location: Inez, Kentucky

Project Schedule:

Design Began: 2000

Finished: 2003

Construction Began: 2001

Finished: 2003

Project Construction Costs: \$146,000,000

Method of Construction: Design/Build

Gross SF: 704,000 SF

Number of Beds: 864 cells in main prison, 128 beds in camp

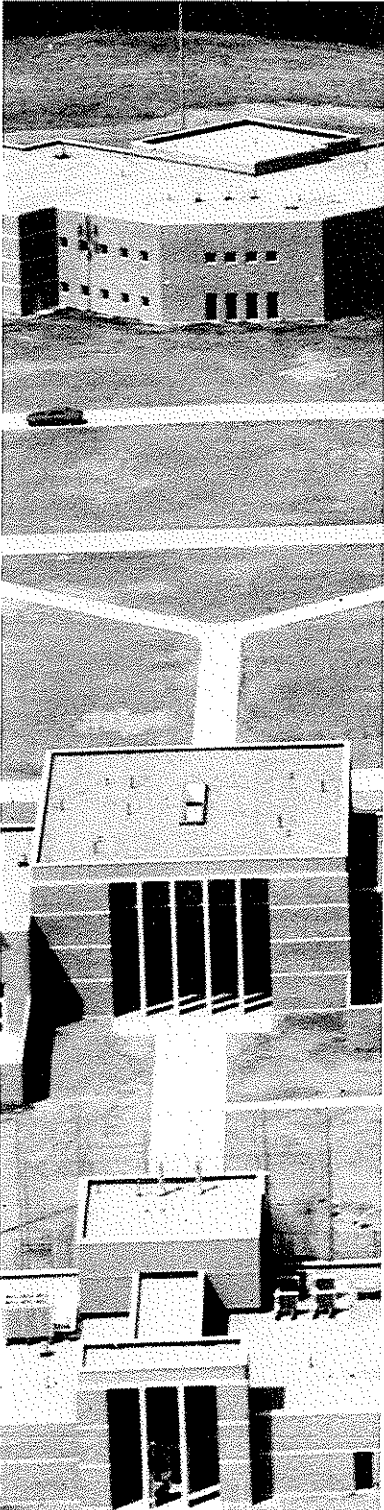
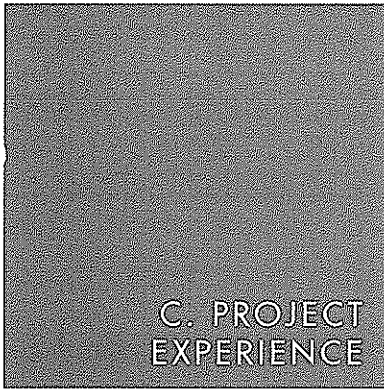
Type of Detention: Maximum-security prison, minimum-security prison camp

Support Components: Administrative, Administrative Segregation, Intake, Medical, Educational, Vocational, Recreational, Housing, Food Service

Professional Services Provided: Project Management, Architecture, Structural, Mechanical, Electrical, Interior Design, Specifications, Quality Review, Construction Administration

Project Description: KZF Design was the lead architect and engineer as part of the Design/Build team that constructed this \$146M corrections facility. The prison is a maximum-security institution with 768 cells and support facilities and 96 special housing cells. This facility, which has a total building area of approximately 677,000 SF, is a compound plan consisting of one- and two-story program buildings, a Federal Prison Industries (UNICOR) factory, and three four-story general housing buildings enclosed in a continuous secure corridor surrounding an interior compound. In addition, a minimum-security work camp with living units and support facilities for a capacity of 128 inmates is located outside the secure compound along with a central warehouse, garage maintenance building, and a firing range. The total building area for this camp is approximately 27,000 SF.

The 345-acre mountainous site was extremely challenging. The site had been strip-mined as well as had two levels of room and tunnel deep mining. The site remediation, including mine grouting, was extensive, and the earthwork package was the largest and most complex ever undertaken by the Federal Bureau of Prisons.



Name: Federal Bureau of Prisons, Elkton Correctional Institution and Federal Prison Camp

Location: Elkton, Ohio

Project Schedule:

Design Began: 1993

Finished: 1995

Construction Began: 1995

Finished: 1997

Project Construction Costs: \$69,500,000

Method of Construction: Design/Bid/Build

Gross SF: 575,000 SF

Number of Beds: 1,536 beds in main prison, 512 beds in camp

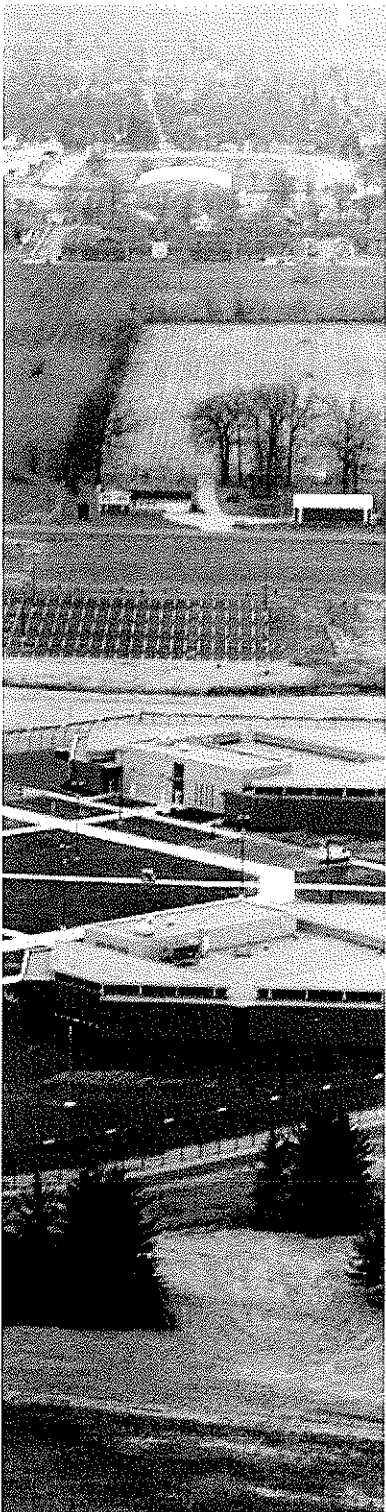
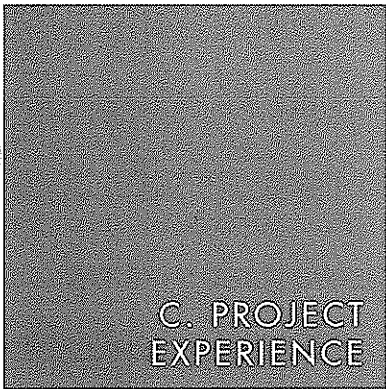
Type of Detention: Maximum-security prison, minimum-security prison camp

Support Components: Administrative, Administrative Segregation, Intake, Medical, Educational, Vocational, Recreational, Housing, Food Service

Professional Services Provided: Project Management, Architecture, Structural, Mechanical, Electrical, Interior Design, Specifications, Quality Review, Construction Administration

Project Description: KZF Design was the architect-engineer for this first and only Federal Correctional Facility in the State of Ohio. The kick-off meeting for this 575,000 SF, 15-building, \$69M project occurred in mid-November 1993 and construction documents were completed by July of 1994--a design period of only 7½ months. While the basic program and a "prototype" facility in Yazoo City, Mississippi had already been established by the Federal Bureau of Prisons, the Ohio project required significant modification of the exterior design, extensive site development and site/climatic adaptation, and some degree of programmatic modifications.

In terms of design schedule, the Ohio project finished ahead of the Mississippi prototype facility, which had a three-month head start. The KZF Design team received an "Excellent" rating from the FBOP for the design of this facility. The facility houses 1,536 males in the Low Security institution (FCIL) and 512 males in the adjacent minimum security Federal Prison Camp (FPC). Construction was completed and all components were occupied and activated in early to mid-1997.



Name: Ohio Department of Youth Services, Marion Juvenile Corrections Facility

Location: Marion, Ohio

Project Schedule:

Design Began: 1996

Finished: 1998

Construction Began: 1998

Finished: 2000

Project Construction Costs: \$27,350,000

Method of Construction: Design/Bid/Build

Gross SF: 216,000 SF

Number of Beds: 240

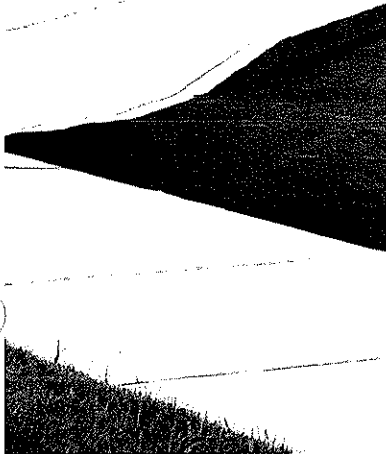
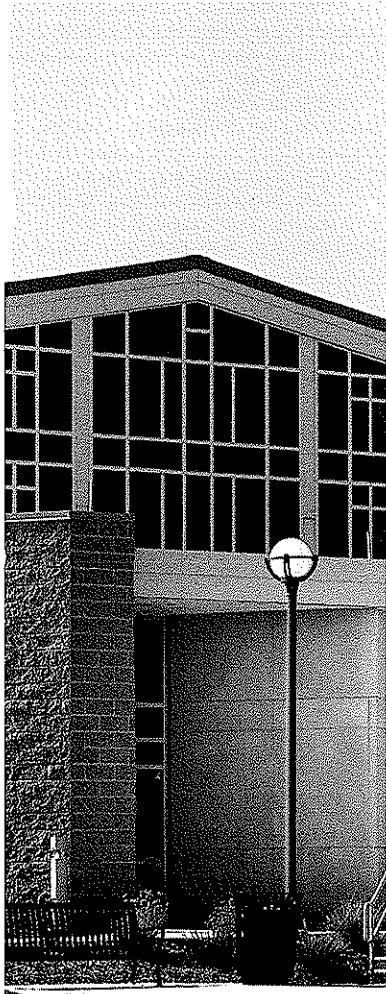
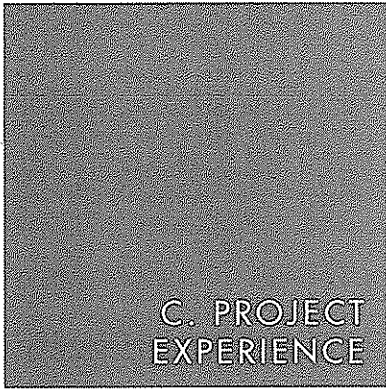
Type of Detention: Maximum-security juvenile facility

Support Components: Administrative, Administrative Segregation, Intake, Medical, Educational, Recreational, Housing, Food Service

Professional Services Provided: Project Management, Architecture, Structural, Mechanical, Electrical, Interior Design, Specifications, Quality Review, Construction Administration

Project Description: KZF Design was the architect and engineer for the new 240-bed maximum security facility for the Ohio Department of Youth Services (ODYS), located adjacent to the state's existing Marion (Adult) Correctional Facility and North Central Institutions. This project is the cornerstone of a \$200M replacement and reconstruction of the complete Ohio juvenile system undertaken over the last 14 years. The facility's 50-acre campus plan consists of six buildings, including housing, classrooms, industries, food service and administration. All housing is in single-bed cells with three maximum-security classification levels-Transition (36 beds), General Population (168 beds) and Maximum Secure (36 beds).

KZF Design worked with the ODYS Design Committee to find successful solutions for this project. During programming, it was apparent that the amount of program support spaces, including a full service school with vocational training, were significantly larger than the average juvenile facility. The total project size was approximately 250,000 SF, too large for the construction budget of \$29M. Working closely with the ODYS Design Committee, KZF Design maintained the program support spaces but developed a successful strategy to shrink the four housing buildings by 20%, from an average of 39,000 SF to 32,000 SF. KZF Design adapted an office strategy from corporate office planning called "hoteling," where all counseling and social worker staff share open office workstations, with only supervisory personnel having private offices. Additionally, KZF eliminated the typical juvenile facility planning model of locating staff offices on the housing units and substituted a pair of shared interview rooms per unit. With careful planning in conjunction with the ODYS Design Committee, KZF Design was able to develop a very effective housing plan for the facility. By reducing the total area of the project to 216,000 SF, the project successfully bid below the construction budget and is now operational.



Name: Connecticut Department of Children and Families, Connecticut Juvenile Training School

Location: Middletown, Connecticut

Project Schedule:

Design Began: 1999

Finished: 2000

Construction Began: 2000

Finished: 2001

Project Construction Costs: \$50,000,000

Method of Construction: CM At Risk

Gross SF: 216,000 SF

Number of Beds: 240

Type of Detention: Minimum-security juvenile facility

Support Components: Administrative, Intake, Medical, Educational, Recreational, Housing, Food Service

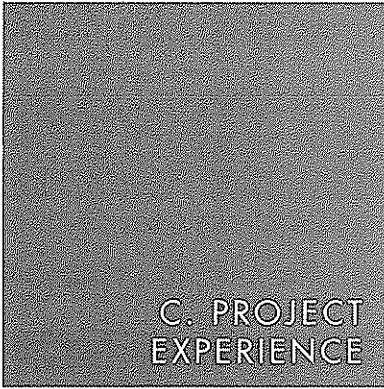
Professional Services Provided: Project Management, Architecture, Structural, Mechanical, Electrical, Interior Design, Quality Review, Construction Administration

Project Description: KZF Design provided initial site evaluation and programming, and subsequently served as the design architect and engineer for a new \$50M, 216,000 SF secure juvenile facility in Middletown, CT. Kaestle Boos Associates, Inc., of New Britain, CT, was the local associate architect. The facility replaces the former Long Lane Training School, which dated from the early 1900s.

The new facility was designed to house minimum-security juvenile offenders between the ages of 12 and 14. Housing is classified on three different levels: Special Needs (36 beds), General Population (168 beds) and Transition (36 beds). Although no felons are housed in this institution, the electronic security systems and secure construction incorporated into the design allow the flexibility to operate the facility up to a maximum-security level if needed.

The major program focus for the training school campus is the Education and Support Building, with a total of 18 classrooms, designed for teaching special needs children. The educational program includes pre-vocational training and independent living labs. Other support functions, including food service, medical, maintenance/warehouse facilities, and a large intake area designed to serve the statewide Department of Children and Families system are also incorporated in the building.

This facility is a first for the State of Connecticut and is modeled after a similar KZF-designed maximum-security juvenile facility in Marion, Ohio. The project combined fast track delivery with CM At-Risk contracting.



Name: Highland County Board of Commissioners, Highland County Justice Center

Location: Hillsboro, Ohio

Project Schedule:

Design Began: 1999

Finished: 2000

Construction Began: 2000

Finished: 2001

Project Construction Costs: \$6,709,000

Method of Construction: Design/Bid/Build

Gross SF: 42,000 SF

Number of Beds: 60

Type of Detention: Multi-classification jail and justice center

Support Components: Administrative, Intake, Housing, Food Service, Communications, Courtroom, Jury Room

Professional Services Provided: Project Management, Architecture, Structural, Mechanical, Electrical, Interior Design, Construction Administration

Project Description: KZF Design assisted the Highland County Board of Commissioners and Sheriff's Department in its application for State funding through the Ohio Department of Rehabilitation and Correction grants program. KZF's role included defining programmatic requirements and estimated construction costs for a 60-bed jail facility.

KZF was subsequently selected to design the new \$6.7M, 42,000 SF facility. In addition to the 60-bed (30 cells, 30 dormitory beds) multi-classification jail, the Justice Center includes the Highland County Sheriff's Department offices, dispatch center and county-wide fire/police 911 system, as well as the City of Hillsboro's Municipal Court, equipped with a court room, jury room and offices for the Clerk of Courts, County Prosecutor and Judge's Chambers.

Solving the problem of supervising both males and females while meeting Ohio's Minimum Jail Requirements associated with opposite sex inmates and maintaining sight and sound separation was challenging. KZF's architects worked closely with the Sheriff's Department, representatives from the Bureau of Adult Detention, and the corrections consultant, Ball & Blodgett, to develop a housing design that reduced the indirect control rooms to one central control room. This solution not only reduced the area of the facility by eliminating one control room, but also eliminated one staff post. Here, one staff post equals approximately five full time staff, so the annual savings for this small county are significant.

C. PROJECT
EXPERIENCE



Name: Federal Bureau of Prisons, Grand Prairie III - Designation Sentence Computation Center

Location: Grand Prairie, Texas

Project Schedule:

Design Began: 2006

Finished: 2007

Construction Began: 2007

Finished: 2008

Project Construction Costs: \$10,000,000

Method of Construction: Design/Build

Gross SF: 45,000 SF

Professional Services Provided: Project Management, Architecture, Structural, Mechanical, Electrical, Interior Design, Construction Administration

Project Description: KZF designed Phase III for the \$10M Designation Sentence and Computation Center (DSCC) as part of a Design/Build team. The 15,000 SF renovated wing will house the executive staff and specialty functions including staff training facilities, break rooms, a library and workrooms. The existing Officers Club was gutted in order to accommodate the new use.

The new 30,000 SF wing will be comprised of a three-story office tower with an open office on the north two-thirds of the building and closed high density storage and support spaces along the south side of the building. Similar spaces are stacked throughout which simplifies the footprint and allows each floor to have identical services and support spaces.

C. PROJECT
EXPERIENCE



ROOF ASSESSMENT AND REPLACEMENT PROJECTS

Toyota Motor Manufacturing North America; Erlanger, KY
Roof Replacement

Cathedral Basilica of the Assumption; Covington, KY
Gargoyle Restoration

Honeywell Building; Blue Ash, OH
Assessment of roof edge damage

Villa Madonna Center; Villa Hills, KY
Roofing Replacement; Modified Bitumen

Spring Grove Cemetery, Lakeside Mausoleum; Cincinnati, OH
Roofing Assessment

Cincinnati Public Schools, Walnut Hills High School; Cincinnati, OH
Roofing Replacement; Copper Dome (received award from Cincinnati Preservation Association)

Cincinnati Public Schools, Eastern Hills Foreign Language Academy; Cincinnati, OH
Roofing Replacement; Cold Applied Modified Bitumen

Cincinnati Public Schools, Anderson Place School; Cincinnati, OH
Roofing Replacement; Cold Applied Modified Bitumen

Cincinnati Public Schools, Academy of World Languages; Cincinnati, OH
Roofing Replacement; Cold Applied Modified Bitumen

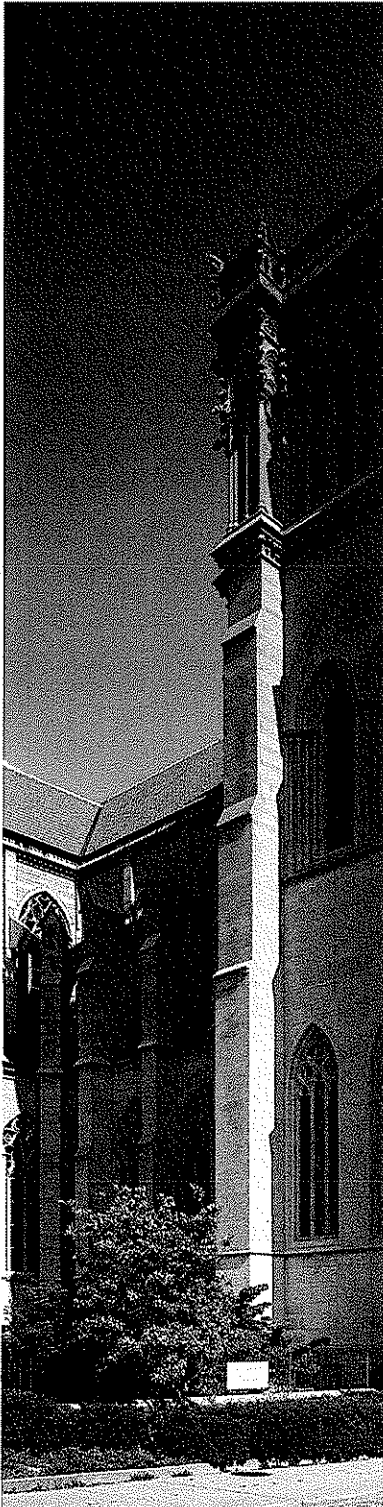
Cincinnati Public Schools, Washington Park School; Cincinnati, OH
Roofing Replacement; Cold Applied Modified Bitumen

Cathedral Basilica of the Assumption; Covington, KY
Roofing Replacement; French Tile; Coal Tar Pitch

Warren County Justice Center; Warren County, OH
Structural Metal Roofing

Metropolitan Sewer District, Powerhouse; Cincinnati, OH
Built-up Roofing

C. PROJECT
EXPERIENCE



ROOF ASSESSMENT AND REPLACEMENT PROJECTS (continued)

IRS Service Center, 287,000 SF building; Covington, KY
Roofing Assessment, Coal Tar Pitch Recommended.
Complete Design of a new 4-ply coal tar built-up roof over a dead level flat roof of 287,000 SF. Negotiated an emergency temporary single ply membrane system.

Fairway Park Apartments; Independence, KY
West Shell Commercial Property Managers
Assessment of wind damage to roofing shingles and resulting leaks

Cathedral Basilica of the Assumption; Covington, KY
Roof Assessment; Asphalt Built-Up Roofing; French Tile

St. Walburg Monastery; Villa Hills, KY
Roof Replacement; Coal Tar Pitch Built-Up Roofing

Villa Madonna Center; Villa Hills, KY
Roofing Assessment - Bell
Tower Replacement - PVC

City of Norwood OH, City Hall, Police Academy, and Community Center
Roofing Replacement; Asphalt Built-Up Roof; Modified Bitumen

Villa Madonna School; Villa Hills, KY
Roofing Replacement; Coal Tar Pitch Built-Up Roofing



D. CORRECTIONS FACILITY DESIGN

Over the last five decades, KZF Design has provided architectural/engineering design services for county, state, and federal corrections projects. Given this wealth of experience, our team fully understands the operational, security, and functional requirements of correctional facilities.

Successful corrections and detention projects follow a participatory process resulting in the right design and successful transition to a new facility. The first step is **Pre-Design Planning**, which requires a thorough understanding of the client's needs, philosophy, and goals. It requires a rigorous analysis of data including inmate population trends and analysis, and the use of alternatives to incarceration. Participation of community leaders and criminal justice officials is crucial to finalizing important decisions regarding the nature, size, staffing, and cost of new facilities.

The second step is **Programming** where our team works with facility users to develop a comprehensive architectural program that meets the needs outlined in pre-design planning phase, developed through workshops focusing on policies, procedures, and key operational scenarios. All information regarding new or renovated facilities will be defined through programming, including facility size, spatial organization, housing pod configurations/classifications, staffing needs, and operational/construction costs.

The **Design** phase is the implementation of decisions reached during programming. The program document is used throughout the design process to check the design to ensure that the floor plans meet all the operational goals. Continuity between programming and design is invaluable, and the best way to meet the program's requirements in the design phase is for the architectural programmer to also serve as the designer.

During **Construction**, our team remains involved in the project: reviewing shop drawing submittals, answering contractor questions, attending construction meetings, and conducting site observations. Our goal is to make sure the design is built per the client's needs on time and within budget.

Transition, or facility activation, is the last phase of the development process. There are many tasks to be performed before moving inmates into a new facility and operating it safely and effectively, including preparation of policies, procedures and post orders. Depending on your needs, we can play a major role during this crucial transition phase or we can help when needed.

At KZF we understand the steps that lead to successful projects. We take the time to listen, ask questions, and answer client concerns every step of the way.

E. CORRECTIONAL ENVIRONMENT



Safety and security are of paramount importance while working in a correctional environment. The specifications must give detailed instructions to the contractor regarding security protocols that must be followed to perform work. These protocols will be developed by KZF Design in conjunction with facility staff.

Typical issues covered in security protocols include:

- Criminal background checks on contractor workers and employees
- Tool inventory entering and leaving the security perimeter
- Staff escorts within the security perimeter
- Scheduling with facility staff temporary interruptions to operations

Systems and details selected in the design will have least impact on operations. Moreover, phasing of construction will be carefully examined as a phasing plan is usually necessary to maintain operations with minimum disruptions.

F. PLAN OF
APPROACH/
TIMELINE

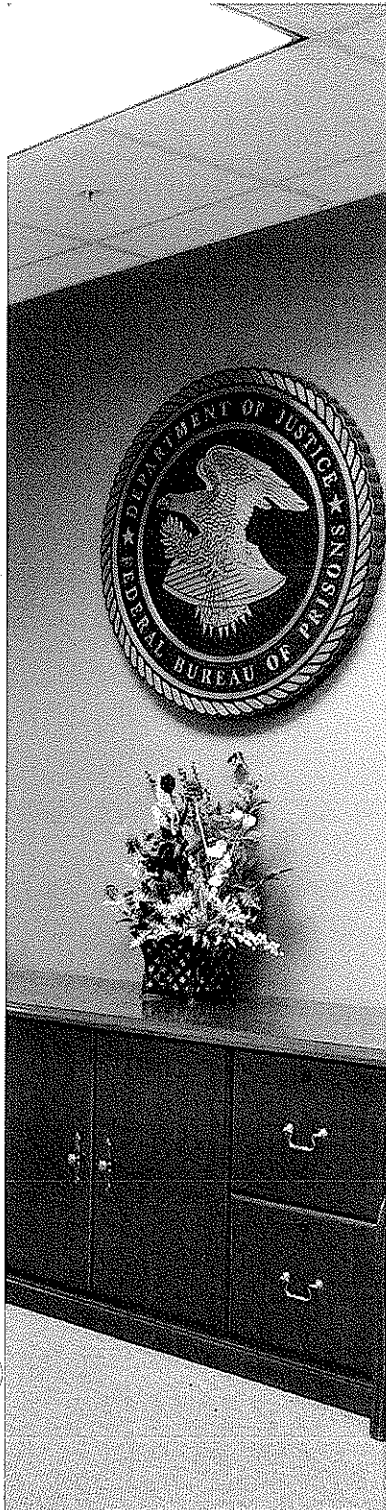


KZF Design has completed many re-roofing projects for institutions. Based on our experience with similar sized projects, we would anticipate 6 weeks to develop the construction documents based on the following schedule:

- 1 week - Review of existing drawings
- 1 week - On-site investigations & meetings with staff
- 4 weeks - Development of construction documents

We are assuming the state will provide necessary and accurate existing documentation such as roof plans and details for each building and that site visits will be primarily limited to verification.

G. REFERENCES



Mr. Gil Sveum, Program Manager

Project: Federal Bureau of Prisons, Grand Prairie III - DSCC

Federal Bureau of Prisons, Design & Construction Branch
500 First Street, NW, Eighth Floor
Washington, DC 20534
972.352.4537

Mr. Larry Cheatham, Director of Management

Project: Federal Bureau of Prisons, Grand Prairie III - DSCC

Flintco, Inc. - Austin
5316 Hwy 290 W, Suite 480
Austin, TX 78735
512.891.7224

Mr. Ed Porter, Senior Project Manager

Project: Federal Bureau of Prisons, Hazelton Secure Women's Facility

P.J. Dick, Inc.
RR3, P.O. Box 69 M
Hazelton, WV 26525
304.379.1285

Mr. Steven L. Skaggs, PE, Project Engineer

Project: US Army Corps of Engineers, US TRANSCOM Facilities, Scott Air Force Base, Illinois

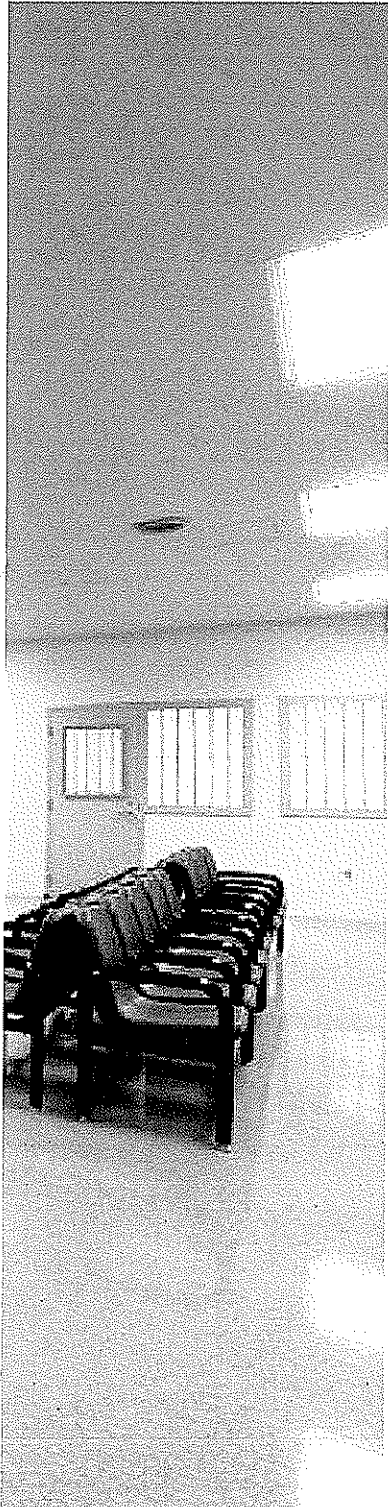
US Army Corps of Engineers, Louisville District
600 Dr. Martin Luther King, Jr. Drive
Louisville, KY 40202-0059
502.315.6368

Mr. Lynn Raque, Design Manager

Project: US Army Corps of Engineers, Human Performance Wing Facilities, Wright-Patterson Air Force Base, Ohio

US Army Corps of Engineers, Louisville District
600 Dr. Martin Luther King, Jr. Drive
Louisville, KY 40202-0059
502.315.6367

H-J. LEGAL STATEMENTS



H. Litigation/Arbitration Proceedings

KZF Design, Inc. has been in business for over fifty-three (53) years and has completed thousands of projects with aggregate construction values in the billions of dollars. During these years KZF has been involved in fewer than a dozen disputes with owners that resulted in either arbitration or litigation proceedings. Within the past five years, there has been one dispute in which the client collected a settlement against coverage. KZF was not the sole defendant in this suit. The claim was filed 20 years after the completion of the project. It alleged defective construction practices and design involving the exterior façade of a parking garage. The claim was settled through mediation.

KZF Design is proud of what we believe to be a very modest claim history, especially in our overly litigious society and industry. Our record of working out solutions with owners, outside of litigation, is an achievement we are proud of and fully intend to continue.

I. Bidding/Proposing Governmental Contracts

KZF Design is not barred from bidding or proposing governmental contracts for the federal government or any state. KZF has performed services for the US Army Corps of Engineers, the US Air Force, the US Navy, and the Federal Bureau of Prisons, in addition to state entities for the states of Ohio, Kentucky, Indiana, and more.

J. West Virginia Procurement Laws

Any procurement laws in the state of West Virginia would not affect the potential award of a contract to KZF Design for the Architect/Engineering Services contract with the Regional Jail and Correctional Authority.