



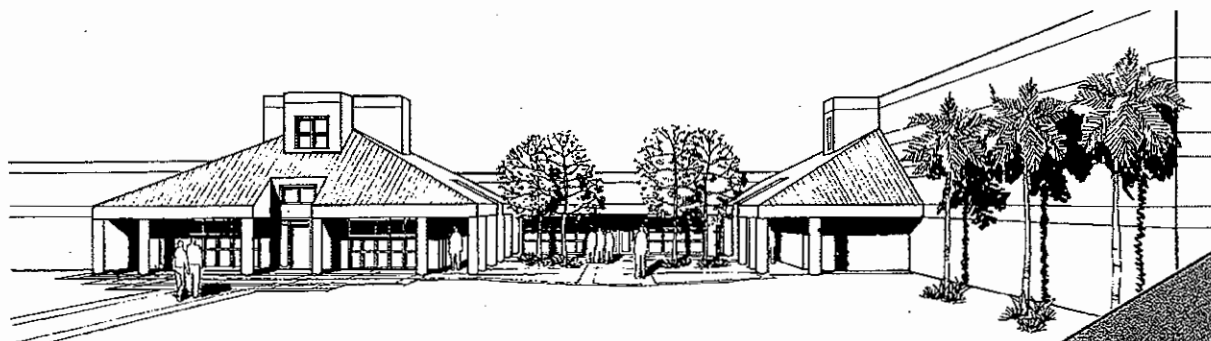
**National Institute
of Justice**

**American Correctional
Association**

National Directory of Corrections Construction

Second Edition

CRS/DETENTION REPORTING
925 Johnson Dr.
Gettysburg PA 17325



ACA

About the National Institute of Justice

The National Institute of Justice is a research branch of the U.S. Department of Justice. The Institute's mission is to develop knowledge about crime, its causes and control. Priority is given to policy-relevant research that can yield approaches and information that State and local agencies can use in preventing and reducing crime. The decisions made by criminal justice practitioners and policymakers affect millions of citizens, and crime affects almost all our public institutions and the private sector as well. Targeting resources, assuring their effective allocation, and developing new means of cooperation between the public and private sector are some of the emerging issues in law enforcement and criminal justice that research can help illuminate.

Carrying out the mandate assigned by Congress in the Justice Assistance Act of 1984, the National Institute of Justice:

- Sponsors research and development to improve and strengthen the criminal justice system and related civil justice aspects, with a balanced program of basic and applied research.
- Evaluates the effectiveness of justice improvement programs and identifies programs that promise to be successful if continued or repeated.
- Tests and demonstrates new and improved approaches to strengthen the justice system, and recommends actions that can be taken by Federal, State, and local governments and private organizations and individuals to achieve this goal.
- Disseminates information from research, demonstrations, evaluations, and special programs to Federal, State, and local governments, and serves as an international clearinghouse of justice information.
- Trains criminal justice practitioners in research and evaluation findings, and assists practitioners and researchers through fellowships and special seminars.

The Director of the Institute is appointed by the President of the United States, and upon confirmation by the Senate, serves at the President's pleasure. The Director establishes the research and development objectives of the Institute. The Director has final authority to approve grants, contracts, and cooperative agreements, and maintains responsibility for fiscal operations of the Institute. In establishing its research agenda, the Institute is guided by the priorities of the Attorney General and the needs of the criminal justice field. The Institute actively solicits the views of police, courts, and corrections practitioners as well as the private sector to identify the most critical problems and to plan research that can help resolve them.

James K. Stewart
Director

About the American Correctional Association

The American Correctional Association (ACA) is a multidisciplinary organization consisting of individuals, agencies, and organizations involved in the entire spectrum of correctional activities. A membership organization, the ACA is committed to the needs of its members. It serves as a forum and clearinghouse on correctional issues, is a leading publisher of correctional publications, promotes the professional development of persons working in all aspects of corrections, and is the accrediting body for correctional facilities, agencies, and programs.

The American Correctional Association was founded in 1870 as the National Prison Association and was later called the American Prison Association. Congresses of Correction have been held every year since 1870. At the 1954 Annual Congress of Correction, the name was changed to the American Correctional Association to reflect the expanding philosophy of corrections and its increasingly important role in society.

As the national voice of corrections, the American Correctional Association is committed to exerting a positive influence on the shaping of national and international correctional policy. Perhaps ACA's most pervasive influence has been in its nationally recognized and accepted standards and accreditation program for adult and juvenile facilities.

The ACA is a leading publisher of correctional materials, including correspondence courses, books, a magazine, and newsletters. ACA also trains correctional personnel at all levels through onsite workshops and correspondence courses. ACA sponsors two meetings annually: the Congress of Correction in August, and the Winter Conference in January. Both include lectures, seminars, workshops, and exhibits addressing a wide variety of correctional issues.

Su Cunningham
President

National Directory of Corrections Construction

Second Edition

by
Charles B. DeWitt
 National Institute of Justice

April 1988

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National Institute of Justice

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The facility design and management concepts illustrated by the projects published in this directory do not necessarily reflect the official policy or recommendations of the National Institute of Justice or the American Correctional Association nor is any endorsement of particular designs, firms, or products implied. In particular, it is not possible to determine if all facilities shown here are in full compliance with the Federal Juvenile Justice and Delinquency Prevention Act.

Foreword

National Institute of Justice

Corrections policymakers and administrators face difficult choices today. Should they spend scarce resources on expensive prison and jail construction to accommodate growing jail and prison populations or must they release convicted offenders into the community as a way of easing crowded conditions?

Space shortages distort and subvert our justice system. In 1985, for example, more than 18,000 prisoners were released before completing their sentences because of space limitations. At the same time, prison construction and operating costs have risen enormously, making corrections the fastest growing component of State budgets. Investment in building has tripled over the past 3 years—to \$3 billion in 1986. States are expected to spend an estimated \$20 billion on prison construction in the next 10 years.

Now there has been an important advance that can help State and local jurisdictions get the best return on their investment and build the corrections facilities they need to protect their communities. The National Institute of Justice created the Construction Information Exchange to share practical information on new technology and modern construction techniques that can mean quicker and more economical expansion of corrections capacity.

A key element of the program is this *National Directory of Corrections Construction*. Based on results of a national survey by the National Institute of Justice, the directory is a catalog of up-to-date designs, construction methods, and costs for 262 jails and prisons built since 1978. State and local officials can turn to this compendium for a wide range of options to help them make the most informed decisions on corrections construction in the next decade and beyond.

The information in the directory is maintained and regularly updated in the Construction Information Exchange data base. This computerized data base includes even greater detail on construction projects nationwide. With just a phone call, State and local officials can get the most current information on new design, materials, and construction techniques, tailored to the specific building issues and concerns of a particular jurisdiction.

The National Institute of Justice also publishes *Construction Bulletins* highlighting State and local projects that have implemented swifter and less costly building techniques. The bulletins offer step-by-step descriptions of how jurisdictions solved their construction problems through progressive management and innovative methods.

Attorney General Edwin Meese III, in announcing the new Construction Information Exchange, said the effort will provide much-needed help to States and localities in addressing the problem of prison and jail crowding through more efficient construction.

Solutions to the challenges facing our prisons and jails as we move toward the 21st century require the energy and initiative of all those concerned about corrections. The National Institute of Justice is indebted to the American Correctional Association, whose support makes possible the publication of this directory. This cooperative venture between the National Institute of Justice and the American Correctional Association exemplifies the benefits of public-private partnerships in achieving a common objective: helping State and local officials build or expand corrections facilities better, faster, and more economically.

James K. Stewart
Director
National Institute of Justice

Foreword

American Correctional Association

The impact of design on the efficiency of a correctional program is tremendous. History is replete with the evolution of jail and prison design solutions that correspond to the penal philosophy of the era.

This change of correctional design has evolved from the Bridewell Houses of 1557 in England through the periods of Workhouses, Banishment, Convict Ships, Wymondham Penitentiaries, and the Pennsylvania and Auburn systems, which were popularized in the 1880's.

The 19th century was generally a period of reformation that required prison designers to place increasing emphasis on the use of prisoner labor with minimal concern for the health and safety of either prisoner or prison employee, a condition that inspired the founders of the American Correctional Association Congress in 1870 to declare a basic principle of the association to be the development of more adequate prison architecture.

These ideals were followed by correctional officials with varying degrees of success until the decades of 1960 and 1970 when the courts imposed a series of orders requiring increased attention to prison and jail conditions.

The American Correctional Association is proud to be associated with the National Institute of Justice in the publication of this directory. It clearly represents the current status of correctional design and is in keeping with the contemporary thinking as expressed by Chief Justice Warren Burger in 1981: "To put people behind bars and do little or nothing to change them is to win a battle and lose a war."

Correctional design plays an important role in our society, and careful review of the information contained herein can have great impact on the future of imprisonment as we approach the 21st century.

Anthony P. Trivisono
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We are also grateful to the architectural firm of Hansen Lind Meyer, Inc., of Orlando, Florida, which provided illustrations of the Federal Correctional Institution at Marianna, Florida, for our cover.

Charles B. DeWitt

Project Director

American Correctional Association

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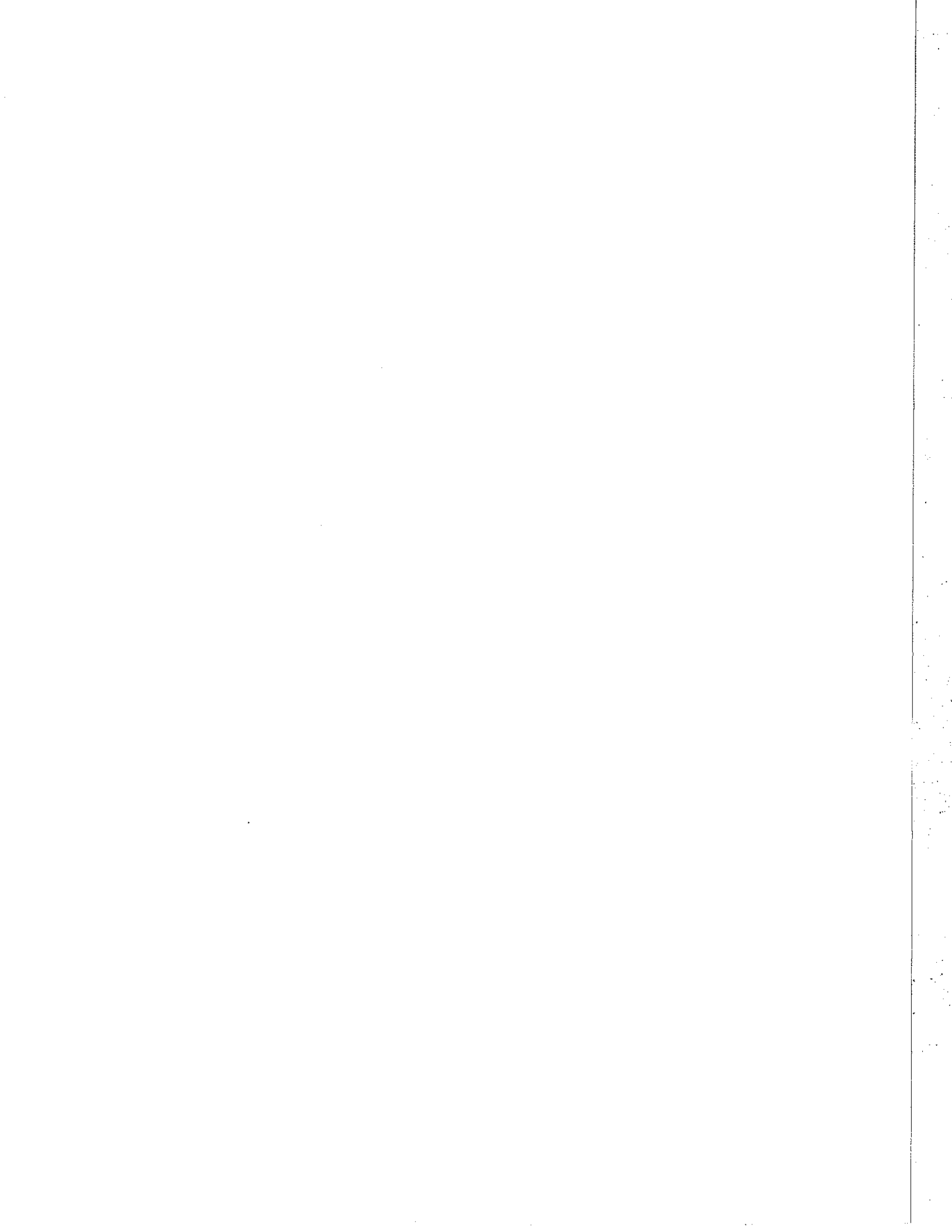
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Section I

Introduction

Policy research

NIJ survey



Introduction

The National Directory of Corrections Construction contains:

- 262 correctional facilities
- 239 architectural and construction manager firms
- 145 jail projects
- 99 prison projects
- Facilities from 44 States

The projects include:

- 96,178 inmates
- 34,256 employees in correctional facilities
- \$3,297,051,430 in total construction costs
- \$980,613,870 in annual operating budgets

The *National Directory of Corrections Construction* has been developed by the National Institute of Justice to assist State, local, and Federal officials who are planning to build correctional facilities. The directory is a key element of a new Federal program that promotes exchange of information about building jails and prisons more cost effectively and in a timely fashion.

The first of its kind, the directory is a reference guide to correctional institutions built after 1978. It is based on a survey conducted by the National Institute of Justice and represents a comprehensive sample of projects built since that year. Never before has so much information been assembled to assist corrections agencies with construction of jails and prisons.

Officials embarking upon construction of correctional facilities now have a comprehensive guidebook to help them along the way, a volume that contains the lessons learned by officials who have already faced this challenge. Readers will find success stories ready to be replicated and colleagues eager to share their experiences. By referring to the directory, readers can learn about facilities where new technologies and efficient construction methods have been employed to save time and money. In this way, jurisdictions can avoid "reinventing the wheel," a problem that has too often characterized the process of building jails and prisons. Through the directory, officials who are planning construction can review data gathered about comparable projects and contact experts who have important information concerning already completed facilities.

As the title "directory" implies, this volume includes projects accepted without evaluation. The directory includes both positive and negative experiences—examples of what to do and what not to do.

The *National Directory of Corrections Construction* is a catalog of designs and resources. Readers can easily locate facilities that may be comparable to their own needs. With the construction cost index, readers may then adjust the costs to match those prevailing in their own jurisdiction at the current time. Following these simple steps, it is possible to estimate the approximate time and cost requirements for construction of the same or similar facility at the reader's location. When used in this way, the directory can be a valuable tool for planners, budget analysts, and corrections administrators. For every design, the responsible architect has been identified, and information is provided on how to contact officials at the site.

Although it is a highly complex undertaking, the successful transfer of design concepts has been demonstrated by several jurisdictions. In the State of South Carolina, officials decided to utilize the design of the Federal Correctional Institution at Phoenix, Arizona, as a model for up to five prisons in their State. The Phoenix institution was shown on the cover of the first edition of the directory, as it represents the purpose of NIJ efforts—to transfer proven methods from one agency to another.

The most recent stage of development is represented by the cover of this edition. The new Federal Correctional Institution at Marianna, Florida, illustrates current design concepts adopted by the Federal Bureau of Prisons. While incorporating the innovations illustrated by the Phoenix design, the new project offers an alternative approach and exhibits complementary design concepts. Like its counterpart in Phoenix, the new institution at Marianna may serve as a model for other agencies to consider.

Construction Information Exchange

The *National Directory of Corrections Construction* is an element of the Construction Information Exchange, a program recently initiated by the National Institute of Justice. Through the Construction Information Exchange, agencies planning to build, remodel, or expand correctional facilities may contact other jurisdictions that have solved comparable problems and can exchange detailed information about the facilities and current plans. In this way, project management and building technologies can be transferred from agency to agency.

Construction data base

The heart of the National Institute of Justice program is the construction data base, a computerized library that permits State, local, and Federal officials to share

lessons learned from recent jail and prison construction projects. Information for the directory has been drawn from the comprehensive files already contained in the construction data base. Updates of the directory will be drawn from the expanding data base to ensure availability of the most current information on recently completed jails and prisons.

The data base serves criminal justice practitioners in several ways by offering services that are tailored to their individual interests and needs. A sheriff, for example, who is planning to build a combined jail and court facility may contact the Construction Information Exchange to obtain a special search of the data base describing facilities of this type. The sheriff will receive a computer printout providing a wealth of detail on projects like the planned facility, and persons to contact for further information. In addition, many of the architects responsible for designing facilities included in the data base have agreed to provide a package of descriptive materials on their projects.

Construction Bulletins

Another element in the program is a publication series, the *NIJ Construction Bulletins*. These special reports provide indepth case studies of selected projects, giving State and local officials a closer look at noteworthy

facilities. The *Construction Bulletins* explain in more detail selected projects for which officials have reported substantial time and cost savings in constructing correctional facilities. They report on innovative features of new jails and prisons, such as new techniques of corrections planning and progressive methods of construction. Each bulletin gives concise details on individual projects that demonstrate particularly helpful approaches. Bulletins can be obtained by contacting the Construction Information Exchange.

Those jurisdictions whose projects have been published in the *Construction Bulletins* have agreed to provide more detailed information on the design and building of their facilities and to host site visits of their facilities by officials currently involved in new construction projects.

For more information on the Construction Information Exchange, see the inside back cover of this directory.

Policy research

Research at the National Institute of Justice is aimed at reducing crime and improving the criminal justice system. The *National Directory of Corrections Construction* is an important part of this research, because it documents the Nation's response to a critical area of need—expansion of jail and prison capacity. Although much has been written about crowding in correctional facilities and the need to improve our Nation's jails and prisons, this volume represents the first compendium of information on what has actually been built.

Extensive efforts have been made to gather detailed quantitative information, and virtually every aspect of correctional facility construction has been systematically compiled and reported. Construction cost indexes have been developed to adjust cost data for selected dates and geographic areas, thereby permitting comparisons among different facilities. Every step has been taken to ensure the accuracy and comparability of the data. These measures make it possible for the directory to serve as a reference for researchers as well as officials who are planning new facilities.

The decision to build

It is perhaps the most difficult decision for State and local corrections agencies—to build or not to build? A commitment to construction is rarely the first response to crowded conditions. It may follow years of struggle and agonizing debate. Only after each alternative has been exhausted and funds have been raised will officials finally commence the difficult process of design and construction.

Once the decision to build has been made, officials must then consider many critical questions that will determine what their new jail or prison is to become. The National Institute of Justice has created this directory to help answer those questions, by referring officials to the lessons learned from completed correctional facilities across the Nation.

The *National Directory of Corrections Construction* provides the information that officials need to know before they begin construction, not after—when it is too late. Using the directory, State and local officials may find answers to the following questions:

- What is the likely cost of construction for a correctional facility of the type we have planned?
- How many staff will be required and what will it cost to operate the new facility?
- Should we build a new institution or an addition to our existing facility?
- How do institutions with dormitories compare to those with single occupancy cells?

- Have other jurisdictions had favorable experience with prefabrication and modular construction?
- Could we have both courts and jails in the same building?
- Who should I call to obtain information concerning “fast track” and construction management?
- How long should it take to build the type of prison our State has in mind?
- Which agencies have had experience with electronic security perimeters?
- Who should I call to ask about construction costs for “new generation” jails?
- Should we expect higher costs or special problems with a high-rise facility?
- Which jurisdictions have used lease-purchase to pay for jail and prison construction?

Highlights

Each profile page describes how an individual jurisdiction has addressed these issues. Although research is just beginning, preliminary findings may give readers a glimpse of the priorities established by those who have completed new jail or prison facilities.

Costs of construction. While great strides have been made to reduce the costs of corrections construction, many projects were very costly to build. The directory illustrates dramatic contrasts, as costs range from a low of \$2,048 to a high of \$149,425 per inmate.¹ For minimum security facilities, the average cost per prisoner was \$22,263; medium security projects were \$36,430 per bed; and maximum security construction was \$39,695 per inmate.²

Types of construction represent important determinants of cost. For example, new institutions are almost always more costly than additions to existing facilities. The average cost for an addition to an existing facility was \$32,102 per inmate, while the average cost for a new, independent facility was \$37,367 per inmate. To ensure valid comparisons, the directory is indexed by category of construction, and the actual cost per square foot is also shown for each project.

Design options. The directory displays a wide variety of alternative designs. For example, “new generation” concepts are evident throughout this volume. Direct

1. This range excludes construction costs for prison hospitals, which are as high as \$270,762 per inmate. However, the following averages do include costs for all facilities in the directory.

2. Because most facilities have a combination of two or three security levels, only facilities with greater than 50 percent of a particular level (maximum, medium, or minimum) were used for these calculations.

supervision management was reported in 23 percent of the institutions. At the same time, traditional approaches may be found in the majority of facilities, with linear designs representing 33 percent of the projects.

Both innovation and compromise have been employed to bring about greater economy. Many jurisdictions have opted for multiple occupancy cells and dormitories over the more costly design of single person cells. New inmate management concepts have produced designs with more economical features. Sixty-nine projects utilized less costly building materials and security hardware and 93 facilities selected commercial grade fixtures as an alternative to institutional steel.

Building methods. Progressive building techniques are illustrated throughout this volume. In order to accelerate construction schedules, architects and contractors have utilized a number of alternatives to conventional building methods. When asked how time was saved in the construction process, 65 respondents cited prefabrication methods as an explanation for their positive results.

Use of inmate labor is viewed as a method for reducing construction costs. While the nature and extent of inmate participation varied widely, 33 projects utilized inmate labor.

Conventional building methods remain dominant, as the majority of jails and prisons, 178 out of 262, were built primarily with concrete block.

Construction process. Officials at all levels of government are searching for new ways to conduct the process of construction, and this volume documents the innovative techniques now being tested in these highly specialized public works projects. Although well established in the private sector, several of the procedures are new to corrections.

Construction management services were employed in 19 percent of the projects, and in 38 percent of the projects that cost more than \$10 million. Likewise, "fast track" construction was reported for 38 of the facilities and noted as an explanation of reduction in construction time.

Future needs. The directory offers disturbing evidence that crowding will not soon disappear, as many of the new jails and prisons report that they have already exceeded capacity. Thirty percent of the completed facilities shown in the directory have reported a current population in excess of their designed capacity.

Although billions of dollars have been invested in expansion of jail and prison capacity, it is apparent that construction is not keeping pace with the rapid growth of the inmate population.

NIJ survey

The information contained in this volume is the result of a national survey of architects who have specialized in constructing correctional facilities. A comprehensive survey instrument was provided to each architectural firm, requiring responses to 32 different questions concerning more than 150 types of information.

Detailed survey forms were also sent to facility administrators, whose time and attention ensured that data were both current and accurate. A number of key questions concerning management and operations could be answered only by facility administrators. This separate verification process has ensured that this survey is both rigorous and comprehensive.

This second edition of the directory incorporates the projects shown in the first edition along with the new projects. This edition also has several new features. Cost indexes have been added, along with floorplans and other materials not previously available. The number of facility profiles is now more than two-and-a-half times that in the first edition.

American Institute of Architects

The *National Directory of Corrections Construction* has been developed by the National Institute of Justice with cooperation from the American Institute of Architects (AIA), and may be used as a reference guide

to architects specializing in correctional institutions. Further information is available from the AIA's Committee on Architecture for Justice, including a yearly catalog of criminal justice projects. Readers are encouraged to contact their local chapter of the AIA or the national office:

Committee on Architecture for Justice
American Institute of Architects
1735 New York Avenue NW.
Washington, DC 20006
202-626-7366

Ongoing efforts

The National Institute of Justice intends to make the Construction Information Exchange as comprehensive as possible and to expand the number of facilities included in the program. Any architect who has designed a correctional facility since 1978 is invited to contact the Construction Information Exchange to enter that facility into the data base. Likewise, administrators of facilities constructed since 1978 but not listed in the directory may request the Construction Information Exchange to mail a survey form to the architect of their facility.



Section II

How to use this directory

Terms used in this directory



How to use this directory

Order of facility profiles

Facility profile pages are presented alphabetically by the State in which they are located, and within each State they appear alphabetically by facility name.

Reference indexes

Indexes serve as locators for particular facilities and are provided in Section III. Each construction project in the directory is classified by facility type, location, and inmate design capacity. An alphabetical listing by facility name is also provided. Readers considering construction should first look for facilities of comparable size, type, and category of construction (whether new or an addition, for instance) to see how these projects compare to their needs. It also may be helpful to examine facilities in the same State or region of the country. This will reveal which designs and construction methods have been used in the reader's geographical area and also may help to determine if visits to completed facilities would be helpful. A list of architectural firms and construction managers responsible for facilities in this directory is provided in Appendix B.

Facility profiles

All facility profiles that appeared in the first edition of the *National Directory of Corrections Construction* are included in this second edition, along with the new additions to the construction data base. Contact persons and telephone numbers for the first edition profiles have been updated, but operational data (such as "Total annual operating costs") are as of the date given for the population, under "Inmate housing areas."

Profiles are included for jail and prison construction projects completed since 1978 and contained in the data base of the Construction Information Exchange. Information entered into the data base is gathered from survey forms completed by architects, facility administrators, and local government officials. Although each facility profile in this directory contains more than 70 items of information, many more information items are contained in the data base. Those wishing further details about a specific facility should contact the Construction Information Exchange. However, for a review of operating costs, current populations, and other operational details, readers should call or write the facility contact person.

The word "Unknown" indicates items not completed by survey respondents. In some instances, however, "N/A" appears because the item is not applicable to the particular project. For example, the profile will not show the total cost per inmate for a complex that includes courts, since the calculation would be invalid.

Floorplans. On the right-hand side of each facility profile, a floorplan of a typical housing unit has been provided. The floorplans were provided by the architects and are the best available at time of publication. They provide the reader with a clearer understanding of the design of the facility. In a few cases, floorplans were not available.

Comparisons

Comparisons between construction projects can be both interesting and useful, but they should be made cautiously with the following issues in mind.

Category of construction. Comparisons of different jails or prisons may be inappropriate when the facilities to be examined do not share common characteristics. For example, a jail or prison categorized as a "new, ancillary building" may not have complete support spaces such as kitchen or administration. If such a building were compared to a "new, independent facility" with complete support services, the appearance of a reduced cost might be misleading. For this reason, it is most appropriate to compare facilities in the same construction category.

Costs. Cost comparisons can be especially difficult. To facilitate comparison of construction costs alone, the total cost excludes costs of land acquisition and architects' fees. Moreover, several factors can influence the project costs shown, and comparisons should be made with caution. For example, readers will find that jails and prisons with multiple occupancy cells are invariably less expensive (per inmate) than facilities designed with single occupancy cells. Such contrasts may be informative, but this does not mean that the facilities are truly comparable. Another important example: the building cost of highrise facilities is almost always higher than lowrise buildings even when capacities are the same.

Dimensions. In comparing dimensions, readers are strongly encouraged to examine "gross square feet per inmate." This statistic has been computed by dividing the "gross square feet/corrections" by the inmate design capacity. This statistic may show that some buildings provide much more space per inmate than otherwise comparable projects. However, it simply may be the policy of a particular jurisdiction to provide more space for vocational training, counseling, and other support activities rather than larger cells. An example of a common difference is where one institution has dayrooms contiguous to cells and another facility has only corridors.

Housing areas. To facilitate comparisons of different types of correctional facilities, the profile includes a special series of housing statistics. For readers interested primarily in those portions of a construction project that relate to custody and housing of prisoners, it is important to note terms such as: "Costs: Housing area"; "Costs: Housing per inmate"; "Dimensions: Housing area square feet"; and "Dimensions: Size of cells." These statistics allow comparisons that might otherwise be impossible.

Ordinarily, a jail cannot be compared to a prison because of the substantial square footage that prisons may allocate for the support functions associated with long-term custody. Since jails seldom provide extensive support areas (e.g., educational, vocational, counseling, or inmate industries) even a prison with the same number of inmates as a jail will almost always be a substantially larger facility. For this reason, the housing statistics focus on only those portions of the jail or prison that relate to the housing of inmates, and exclude those areas that ordinarily make it inappropriate to draw comparisons. In the case of a campus-style prison, the term "housing" describes only the building that actually houses inmates. This permits readers to examine those portions of a prison that are comparable to a jail.

Construction cost indexes. Construction cost indexes are provided to assist you in comparing construction projects. If you wish to determine the current cost of construction in your region, use the indexes to adjust dollar amounts so costs are appropriate for your area.

Cost indexes enable readers to make detailed cost comparisons. They permit comparisons between different years and geographic areas. Because construction costs

vary from one part of the United States to another, the regional adjustment will permit valid comparisons of construction projects under the same market conditions. Different regions of the country may exhibit sharp contrasts in the cost of materials and prevailing labor rates. For example, a facility built in Florida will almost always cost less than the same project built in California. By providing for regional adjustments, cost comparisons may be made within a common frame of reference. Cost indexes can be useful when comparing projects built during different years. Since the cost of construction has increased over the years, jail or prison costs in this directory should be adjusted to the same period to be accurately compared.

The cost indexes are based on a 54-city national average, with a 1978 base of 100. To estimate or compare costs, use the index factors for the cities closest to the geographic areas you wish to compare, or closest to the area in which you wish to construct a new facility. The cost indexes are in alphabetical order by State for your convenience. The table does not list any cities in Alaska, Delaware, Hawaii, Idaho, Maine, New Hampshire, North Dakota, Rhode Island, South Carolina, South Dakota, Vermont, West Virginia, or Wyoming.

The three main uses of the cost indexes involve the estimation and comparison of costs for:

1. Construction in different regions for different years (Example 1 below).
2. Construction in a particular region for different years (Example 2 below).
3. Construction in different regions for a particular year (Example 3 below).

The formula:
$$\frac{\text{Index factor for date and place desired}}{\text{Index factor for date and place known}} \times \text{known cost} = \text{estimated cost}$$

Example 1

You are interested in adapting the Knox County Jail, constructed in 1984 in Barbourville, Kentucky, for construction in your own region. The total construction cost for the Knox County Jail in 1984 was \$666,000. Your new facility is to be built in Billings, Montana.

Procedure

(a) Divide the 1987 Billings index factor by the 1984 Louisville (closest city to Barbourville, Kentucky) index factor.

(b) Multiply the Knox County Jail known cost (\$666,000) by the result of (a).

(c) The result of (b) is the total projected cost for your new jail in Billings.

Calculation

| | | |
|--|---|-----------|
| 1987 Billings index factor | = | 151.8 |
| 1984 Louisville index factor | = | 135.7 |
| $\frac{151.8}{135.7} \times \$666,000$ | = | \$745,017 |

Example 1 formula:
$$\frac{\text{(1987 Billings index factor)}}{\text{(1984 Louisville index factor)}} \times \text{Knox County Jail known cost} = \text{projected cost for Billings}$$

Example 2

A replacement cost is needed for a State prison located near Birmingham, Alabama. You would like to model the new prison after the Federal Correctional Institution constructed in 1979 in Talladega, Alabama. The total construction cost for that facility was \$10,069,300.

Procedure

(a) Divide the 1987 Birmingham index factor by the 1979 Birmingham (closest to Talladega) index factor.

(b) Multiply the Federal Correctional Institution known construction cost (\$10,069,300) by the result of (a).

(c) The result of (b) is the total projected cost for the replacement prison near Birmingham.

Calculation

$$\begin{aligned} 1987 \text{ Birmingham index factor} &= 136.1 \\ 1979 \text{ Birmingham index factor} &= 101.3 \\ \frac{136.1}{101.3} \times \$10,069,300 &= \$13,528,446 \end{aligned}$$

$$\text{Example 2 formula: } \frac{(1987 \text{ Birmingham index factor})}{(1979 \text{ Birmingham index factor})} \times \text{Federal Correctional Institution known cost} = \text{projected cost for Birmingham}$$

Example 3

Duval County, Florida, intends to build a jail in Jacksonville. They would like to make it similar to the Camden County Correctional Facility in Camden, New Jersey, completed in 1987. Even though the design is similar, costs will vary for a number of reasons. The construction cost for the Camden facility was \$28,300,000.

Procedure

(a) Divide the 1987 Jacksonville index factor by the 1987 Newark (closest to Camden) index factor.

(b) Multiply the Camden County Correctional Facility known cost (\$28,300,000) by the result of (a).

(c) The result of (b) is the projected construction cost for the new Duval County Jail in Jacksonville.

Calculation

$$\begin{aligned} 1987 \text{ Jacksonville index factor} &= 142.1 \\ 1987 \text{ Newark index factor} &= 192.3 \\ \frac{142.1}{192.3} \times \$28,300,000 &= \$20,912,272 \end{aligned}$$

$$\text{Example 3 formula: } \frac{(1987 \text{ Jacksonville index factor})}{(1987 \text{ Newark index factor})} \times \text{Camden County Correctional Facility known cost} = \text{projected cost for Jacksonville}$$

The National Institute of Justice is grateful to Marshall & Swift, 1617 Beverly Boulevard, Los Angeles, CA 90026, who provided these cost indexes. They are intended only for general guidance and preliminary planning purposes. They should not be used in lieu of a professionally

prepared cost estimate. For more specific indexes, please refer to the Marshall Valuation Service, or contact Stanley Strychaz, Marshall & Swift, at 213-250-2222 or 800-421-8042.

Construction cost indexes

| | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 |
|-----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Alabama | | | | | | | | | | |
| Birmingham | 93.2 | 101.3 | 111.7 | 118.0 | 118.5 | 121.4 | 129.0 | 133.9 | 134.7 | 136.1 |
| Arizona | | | | | | | | | | |
| Phoenix | 104.2 | 116.5 | 136.5 | 145.0 | 150.8 | 153.4 | 155.6 | 160.9 | 159.6 | 159.4 |
| Arkansas | | | | | | | | | | |
| Little Rock | 87.9 | 94.9 | 106.2 | 113.7 | 116.9 | 118.5 | 124.2 | 128.7 | 126.6 | 124.7 |
| California | | | | | | | | | | |
| Fresno | 115.4 | 128.0 | 140.9 | 149.9 | 159.1 | 167.8 | 173.7 | 179.3 | 183.0 | 183.4 |
| Los Angeles | 112.5 | 126.2 | 144.5 | 156.1 | 163.4 | 169.8 | 179.5 | 185.9 | 190.6 | 191.6 |
| San Diego | 111.5 | 126.5 | 143.0 | 153.1 | 163.1 | 165.4 | 171.3 | 178.7 | 183.0 | 186.6 |
| San Francisco | 122.0 | 133.3 | 150.0 | 159.9 | 173.5 | 181.0 | 192.1 | 201.1 | 210.2 | 213.7 |
| Colorado | | | | | | | | | | |
| Denver | 102.5 | 116.0 | 130.5 | 135.5 | 144.5 | 151.7 | 159.3 | 160.6 | 154.6 | 156.2 |
| Connecticut | | | | | | | | | | |
| Hartford | 100.1 | 108.6 | 119.0 | 128.6 | 133.5 | 142.9 | 151.9 | 162.3 | 172.7 | 182.0 |
| District of Columbia | 100.4 | 106.2 | 118.4 | 123.8 | 130.3 | 138.5 | 145.3 | 150.1 | 159.4 | 163.1 |
| Florida | | | | | | | | | | |
| Jacksonville | 90.3 | 98.2 | 108.0 | 112.7 | 117.2 | 121.0 | 131.0 | 133.6 | 139.6 | 142.1 |
| Miami | 94.3 | 102.5 | 111.8 | 119.8 | 126.7 | 127.7 | 135.3 | 143.0 | 145.4 | 145.8 |
| Tampa | 90.8 | 99.3 | 110.6 | 118.3 | 118.8 | 125.0 | 135.6 | 143.3 | 149.0 | 150.7 |
| Georgia | | | | | | | | | | |
| Atlanta | 90.9 | 98.6 | 109.4 | 113.2 | 117.2 | 122.3 | 129.6 | 135.0 | 140.8 | 142.1 |
| Illinois | | | | | | | | | | |
| Chicago | 102.0 | 113.7 | 126.5 | 134.8 | 139.4 | 142.6 | 151.2 | 157.4 | 157.4 | 164.2 |
| Indiana | | | | | | | | | | |
| Indianapolis | 99.5 | 109.1 | 119.2 | 124.5 | 126.9 | 130.0 | 139.7 | 143.1 | 147.1 | 150.1 |
| Iowa | | | | | | | | | | |
| Des Moines | 97.6 | 106.6 | 119.7 | 122.8 | 129.0 | 129.7 | 135.2 | 137.0 | 140.1 | 139.9 |
| Kansas | | | | | | | | | | |
| Wichita | 93.1 | 101.0 | 110.0 | 116.8 | 119.8 | 121.7 | 130.9 | 127.5 | 128.3 | 132.6 |
| Kentucky | | | | | | | | | | |
| Louisville | 98.7 | 109.5 | 116.1 | 123.0 | 126.1 | 124.9 | 135.7 | 135.0 | 135.8 | 138.7 |
| Louisiana | | | | | | | | | | |
| New Orleans | 94.3 | 103.5 | 114.1 | 119.3 | 123.0 | 130.5 | 140.0 | 145.7 | 143.6 | 142.8 |
| Maryland | | | | | | | | | | |
| Baltimore | 98.1 | 104.3 | 114.1 | 122.6 | 126.4 | 132.9 | 142.5 | 146.6 | 155.4 | 161.0 |
| Massachusetts | | | | | | | | | | |
| Boston | 105.4 | 111.6 | 122.1 | 129.4 | 140.8 | 148.5 | 158.7 | 168.5 | 181.3 | 194.7 |
| Michigan | | | | | | | | | | |
| Detroit | 106.9 | 116.5 | 128.0 | 136.8 | 142.1 | 143.7 | 151.0 | 154.5 | 158.6 | 161.8 |
| Minnesota | | | | | | | | | | |
| Minneapolis | 100.7 | 111.3 | 121.4 | 128.8 | 136.3 | 138.6 | 151.5 | 154.6 | 159.5 | 162.7 |
| Mississippi | | | | | | | | | | |
| Jackson | 83.2 | 93.3 | 105.8 | 112.2 | 113.6 | 117.1 | 122.7 | 127.0 | 126.9 | 126.7 |

| | 1978 | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 | 1985 | 1986 | 1987 |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Missouri | | | | | | | | | | |
| Kansas City | 98.3 | 108.4 | 118.7 | 124.0 | 131.6 | 135.1 | 141.4 | 144.8 | 146.8 | 152.5 |
| St. Louis | 98.4 | 110.1 | 121.4 | 125.6 | 130.0 | 134.6 | 145.6 | 151.1 | 157.2 | 161.9 |
| Montana | | | | | | | | | | |
| Billings | 99.4 | 109.6 | 121.6 | 129.5 | 136.8 | 143.8 | 149.2 | 149.4 | 153.3 | 151.8 |
| Nebraska | | | | | | | | | | |
| Omaha | 97.6 | 109.9 | 116.5 | 125.3 | 131.1 | 134.0 | 138.5 | 136.2 | 139.0 | 143.1 |
| Nevada | | | | | | | | | | |
| Las Vegas | 112.7 | 125.1 | 139.6 | 151.8 | 155.4 | 160.4 | 167.2 | 174.0 | 174.1 | 175.5 |
| New Jersey | | | | | | | | | | |
| Newark | 105.9 | 116.2 | 126.0 | 133.7 | 139.0 | 146.6 | 161.6 | 173.5 | 184.3 | 192.3 |
| New Mexico | | | | | | | | | | |
| Albuquerque | 101.3 | 109.3 | 124.9 | 130.3 | 136.2 | 138.8 | 148.6 | 151.6 | 153.9 | 152.1 |
| New York | | | | | | | | | | |
| Buffalo | 108.9 | 115.9 | 128.6 | 135.9 | 137.9 | 149.1 | 157.9 | 164.6 | 174.5 | 178.9 |
| New York | 112.1 | 119.8 | 129.8 | 141.0 | 148.6 | 159.3 | 173.9 | 185.7 | 198.0 | 211.2 |
| Rochester | 106.2 | 112.9 | 124.9 | 134.2 | 142.4 | 146.9 | 156.4 | 160.8 | 169.4 | 173.3 |
| North Carolina | | | | | | | | | | |
| Charlotte | 84.0 | 92.8 | 100.4 | 107.4 | 107.3 | 113.4 | 122.2 | 127.3 | 130.7 | 135.2 |
| Ohio | | | | | | | | | | |
| Cincinnati | 101.7 | 112.7 | 123.5 | 127.1 | 129.8 | 132.9 | 143.9 | 145.4 | 144.7 | 150.7 |
| Cleveland | 107.6 | 118.0 | 132.4 | 137.1 | 141.5 | 143.7 | 156.9 | 159.1 | 164.1 | 167.7 |
| Columbus | 96.4 | 108.2 | 118.5 | 127.6 | 131.6 | 137.5 | 142.2 | 142.2 | 147.1 | 151.3 |
| Oklahoma | | | | | | | | | | |
| Oklahoma City | 93.1 | 102.0 | 111.7 | 121.0 | 126.1 | 127.6 | 131.5 | 139.6 | 135.0 | 130.5 |
| Oregon | | | | | | | | | | |
| Portland | 108.5 | 120.5 | 133.8 | 145.1 | 153.7 | 154.0 | 157.8 | 160.3 | 161.2 | 160.3 |
| Pennsylvania | | | | | | | | | | |
| Philadelphia | 106.8 | 114.0 | 123.5 | 129.9 | 135.0 | 144.7 | 153.9 | 162.3 | 170.6 | 179.8 |
| Pittsburgh | 103.6 | 111.8 | 125.1 | 132.2 | 132.1 | 138.8 | 148.7 | 154.9 | 159.9 | 161.6 |
| Tennessee | | | | | | | | | | |
| Memphis | 92.5 | 100.9 | 115.4 | 118.6 | 124.5 | 128.7 | 135.2 | 136.8 | 138.7 | 138.7 |
| Nashville | 87.9 | 97.9 | 107.1 | 115.3 | 118.0 | 118.2 | 125.0 | 129.6 | 130.3 | 131.7 |
| Texas | | | | | | | | | | |
| Dallas | 92.3 | 101.6 | 114.5 | 118.5 | 123.2 | 129.7 | 140.3 | 142.5 | 137.3 | 135.5 |
| El Paso | 87.4 | 98.0 | 107.2 | 112.0 | 117.0 | 121.7 | 126.4 | 128.1 | 126.6 | 130.5 |
| Houston | 96.6 | 109.2 | 117.7 | 128.2 | 129.5 | 137.3 | 144.8 | 142.5 | 139.0 | 132.9 |
| San Antonio | 88.4 | 99.2 | 108.1 | 115.0 | 119.1 | 122.2 | 126.7 | 130.4 | 130.9 | 129.7 |
| Utah | | | | | | | | | | |
| Salt Lake City | 101.1 | 110.8 | 123.6 | 129.0 | 133.0 | 139.0 | 148.0 | 148.1 | 152.1 | 149.3 |
| Virginia | | | | | | | | | | |
| Richmond | 93.6 | 99.7 | 107.8 | 117.8 | 120.6 | 128.3 | 133.3 | 138.0 | 145.7 | 146.7 |
| Washington | | | | | | | | | | |
| Seattle | 109.7 | 123.0 | 140.2 | 149.9 | 163.7 | 163.4 | 169.1 | 170.3 | 171.9 | 170.8 |
| Spokane | 108.6 | 119.5 | 133.9 | 145.3 | 152.5 | 156.6 | 163.6 | 167.8 | 169.7 | 171.1 |
| Wisconsin | | | | | | | | | | |
| Milwaukee | 104.1 | 115.4 | 124.9 | 136.3 | 140.5 | 140.7 | 149.2 | 152.2 | 155.7 | 161.8 |



Terms used in this directory

The order of these terms follows the order in which they appear in the facility profiles.

Facility

The name of the facility as indicated by the architect and facility administrator. The name also may reflect whether the project was a phased one, or an addition, expansion, or remodeling/renovation project. (See Category of construction for definitions.)

State

The name of the State in which the facility is located.

Location

For a county jail, the name of the county in which it is located. For a city, State, or Federal facility, the name of the town or city in which the facility is located.

Jurisdiction official

The name and title of the senior official (e.g., sheriff or commissioner) responsible for the corrections or law enforcement agency at the time of data verification in late 1987.

Contact

The name, title, address, and phone number of the official designated as a contact for further information (e.g., captain, jail administrator, or warden).

Architect

The name, address, and phone number of the primary architectural firm(s) responsible for the project design. This may also reflect architectural consultants.

Construction manager

The name, address, and phone number of the construction manager for the project. Where the project is a turn-key design and build, the name of the contractor or joint venture will be shown here.

Groundbreaking

The date when work actually began at the site. As a general rule for new buildings, the first activities are groundclearing and excavation.

Finish date

The date of substantial completion of the facility. Substantial completion is defined by the American Institute

of Architects as the date certified by the architect when the work is sufficiently complete, in accordance with the contract documents, so officials can occupy the facility for the use for which it is intended.

Construction time

The elapsed months from groundbreaking to substantial completion of the facility.

Design capacity

The total number of general population and special housing inmates for whom the facility was designed. (This number may differ from the actual population shown.)

Total cost

The total cost of building and site improvements, plus all approved change orders. However, this figure does not include the cost of acquiring the land/site, the time of public employees, and administrative expenses for the project. Since it is intended to show the cost of construction, it does not include fees for architects and other consultants.

Total annual operating costs

The latest fiscal year budget for the facility. For facilities reproduced from the first edition, this budget is from the year identified by the population date of inmate housing areas. Costs shown are those that relate to the construction project. In the case of an addition, this figure represents the operating costs for that portion of the facility only. Where "N/A (addition)" appears, the operating costs for the addition are not available separately.

Category

The category of construction for the specific project. Several types of projects are included in this directory and each has different characteristics.

New, independent facility: an entirely new facility with complete support services, not relying upon other facilities.

New, ancillary building: an entirely new building, but reliant upon already existing buildings for some or all support services. This addition does not provide a complete array of "core" spaces. Data refer to the new addition only and do not include existing or original building information.

Remodeling/renovation project: improvements within the shell of an existing facility, typically to modernize an older jail or prison and to bring the design into compliance with current codes and standards.

Expansion project: extension or new wing added to an already existing facility. Data refer to the expansion only and do not include existing or original building information (except where noted).

Phased project (future): project where costs invested in construction relate to future expansion/addition in a master plan.

Phased project (past): project that completes previously "master planned" space(s) "shelled out" earlier.

Temporary facility/housing: relocatable or portable units not intended for permanent use. Facility may be disassembled and moved to another location.

Facility type

Jail: facility operated by county, city, or a combination thereof. Jails operated by these units of local government typically house inmates for 1 year or less, although some States permit consecutive sentences. Jails may house both pretrial detainees and sentenced prisoners. Inmates may be held on both felony and misdemeanor charges. It should also be noted that several States permit inmates from State prison systems to be housed in local jail facilities. The State of Alaska has no counties; therefore all inmates are housed in State facilities.

Prison: facility operated by any of 50 States, the District of Columbia, or the Federal Government. Prisoners in State institutions are held for periods of longer than 1 year. Unlike local jails, State prisons house only sentenced offenders. Some States will permit units of local government to board jail prisoners in State facilities, but this practice is most unusual.

Complex: buildings with multiple purposes. Typically, in a local facility, jail space may be combined with courts, law enforcement, or other related uses. Cost comparisons are discouraged for this type of facility, as it is impossible to isolate corrections costs from the costs for other portions of the building.

Building configuration (See Figure 1)

The physical arrangement of individual buildings.

Integrated structure: one building.

Highrise: one building, more than four stories in height.

Ladder, telephone pole: linear cell blocks arranged in parallel off a central connecting corridor.

Wheel, spoke or radial: linear cell blocks that emanate from one central control area like spokes from the hub of a wheel.

Courtyard: linear cell blocks interconnected around a central enclosed courtyard.

Clusters: a number of individual buildings that are interconnected.

Campus style: a number of individual buildings that are not interconnected.

Costs

Total: the total cost of building and site improvements, plus all approved change orders. However, this figure does not include the cost of acquiring the land/site, the time of public employees, and administrative expenses for the project. Since it is intended to show the cost of construction, it does not include fees for architects and other consultants.

Building only: the cost for the facility only, as the figure excludes all site work. Costs such as grading, paving, and providing utilities are not included here. This figure represents what it would cost to build the same facility at another site, provided that site costs for the new location are added and impact of the site on the design has been considered.

Housing area: the cost for those areas of the correctional facility designed for housing inmates. This includes the total gross square footage of the entire housing building unit or level, as well as the contiguous and/or associated spaces for mechanical, circulation, storage, visiting, control, counseling, multipurpose room, dayrooms, exercise, interview, etc. Excluded from this figure are costs of independent or unrelated areas and buildings such as intake, medical, special housing, administration, food service, vocational, educational, agricultural, etc.

Housing per inmate: the housing costs per general population inmate. This figure is computed by dividing the total number of general population inmates (design capacity) into the housing costs.

Housing per cell: the housing costs per general population cell. This figure is computed by dividing the total number of general population cells into the housing costs.

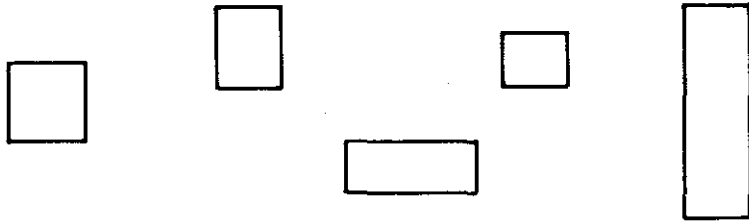
Total per inmate: the total construction costs per inmate. This figure is computed by dividing the total number of inmates (design capacity) into total construction costs. In the case of a multiuse/complex type facility, "N/A (complex)" appears, as it would not be appropriate to compute an inmate cost when the facility includes other than correctional uses.

Total per GSF: the total construction costs per gross square foot. This figure is computed by dividing the total gross square feet into total construction costs.

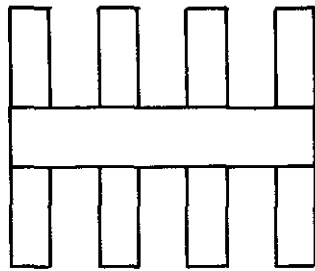
Total annual operating costs: the latest fiscal year budget for the facility. For facilities reproduced from

Figure 1
Building configuration

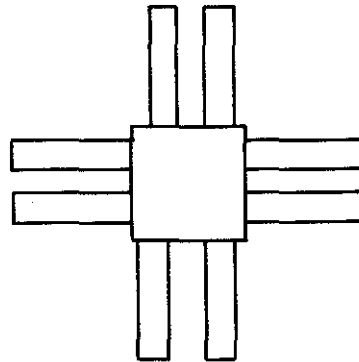
Campus



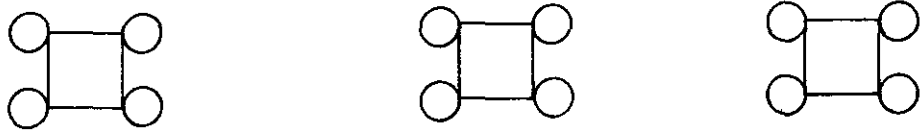
Ladder, telephone pole



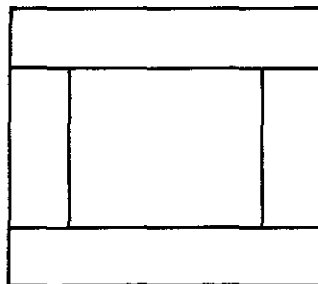
Wheel, spoke, or radial



Clusters



Courtyard



the first edition, this budget is from the year identified by the population date under inmate housing areas. Costs shown are those that relate to the construction project. In the case of an addition, this figure represents the operating costs for that portion of the facility only. Where "N/A (addition)" appears, the operating costs for the addition are not available separately.

Security

Perimeter: the types of perimeter used in a facility, including building exterior only; single fence; double fence; triple fence; alarm/detection systems; razor wire on fence(s); razor wire on and between fences; towers; and patrols.

Inmate security level: the division of the facility according to levels of security for housing inmates. Categories include: *maximum* (most secure construction and highest level of staff supervision in system); *medium* (although not as restricted as maximum, this category requires a locked unit and a security perimeter); and *minimum* (greatest freedom of movement for inmates, may have dormitories, living areas may not be locked, and perimeter security is limited).

Inmate cells

This describes the finishes, fixtures, and furnishings that were selected for general population cells. These aspects of special custody, isolation, medical, and other special population areas of a jail or prison may be different.

Doors/material: may be steel or wood, and may be solid (without bars or windows).

Doors/type: may be swinging or sliding.

Doors/locking: may be motor driven and remote locking; remote locking only; or manual locking.

Floor surface: materials of the floor surface. Options include linoleum; carpet; epoxy coating; sealed concrete; or vinyl tile.

Intercom: the type of communications system between officers and inmates. Options include either one- or two-way systems to cells or common areas, or no system.

HVAC: heating, ventilation, and air conditioning. Describes the environmental systems included in the facility. While all facilities have some form of heating, not every jail or prison has an air conditioning system. Solar systems, steam, gas, or other specialized energy recycling systems are indicated here.

Plumbing: inmate plumbing fixtures. Indicates whether the lavatory and toilet are a combination unit or separate units, and are made of stainless steel, china, or aluminum.

Furniture: chairs, beds, tables, and other furniture in cells and dayrooms. Choices include steel; wood; vinyl/plastic; or concrete.

Fire protection: fire protection systems used in inmate housing areas. Hardware may include smoke detectors for cells, common areas, or both; sprinklers for cells, common areas, or both; or manual alarm stations.

Dimensions

Gross square feet/corrections: the gross square feet (as defined under "Gross square feet/total" below) of all spaces relating to corrections purposes in the construction project shown in the profile. In the case of an addition or expansion, this figure represents the square footage of that addition or expansion only.

Gross square feet/other: in the case of a multiuse or complex type facility, the gross square feet assigned for purposes other than corrections, law enforcement, or courts (e.g., city hall, communications center, or other government offices).

Gross square feet/total: the total square footage of the construction project. If the project was an addition or expansion, this figure represents the square footage of that addition or expansion only. Gross square feet is defined by the American Institute of Architects as the sum of the areas of the several floors of the building, including basements, mezzanine, and intermediate floored tiers and penthouses of headroom height, measured from the exterior faces of exterior walls or from the centerline of walls separating buildings. Covered walkways, open roofed-over areas that are paved, porches, and similar spaces shall have the architectural area multiplied by an area factor of 0.50. The architectural area does not include such features as pipe trenches, exterior terraces, or steps, chimneys, roof overhangs, etc. (See AIA Document D101.)

Housing area square feet: the size of spaces devoted to the custody of inmates, not the entire facility. Included are those spaces directly related to the housing of inmates. The figure includes total gross square footage of the housing building, unit, or level including the contiguous and/or associated spaces for mechanical, circulation, storage, visiting, control, staff areas, multipurpose rooms, dayrooms, exercise, interview, etc. Excluded are independent areas not contiguous to inmate housing, such as intake, medical, special housing, administration, food service, vocational, educational, and other support activities not directly associated with housing. In construction projects that are additions or expansions, it is possible that only housing areas were added. In such instances, the square footage shown for housing may be almost equal to the total square footage, since support spaces were not provided.

Gross square feet per inmate: the gross square feet assigned to an inmate based on design capacity. This

figure is computed by dividing the number of inmates in general population (design capacity) into the gross square feet/corrections. However, if the current population is greater than the design capacity, the gross square feet per inmate will be fewer.

Size of cells: space inside a typical cell. This figure is the useful space and does not include areas consumed by a plumbing chase or protruding walls. The type of cell (single, double, etc.) is indicated.

Net/gross square feet: this percentage is an expression of building efficiency. Because spaces not used by staff and/or inmates are excluded from net space, this percentage represents how much of the total square footage is actually devoted to everyday useful purposes. The remaining space is the amount consumed by spaces necessary for the building but not utilized by its occupants.

Construction type

Structural: the frame that carries the building's weight and provides structural support for the facility. This describes the type of structural system, such as steel frame, load-bearing precast panels, cast-in-place concrete frame, or precast concrete frame.

Exterior walls: the construction materials that make up outside walls of the building, forming the security "shell" or "envelope." Options include precast panels, cast-in-place concrete, CMU block, brick, or architectural precast.

Interior walls: the construction materials that make up inside walls or partitions used to divide cells and rooms within the building. Options include precast panels, cast-in-place concrete, CMU block, or brick.

Exterior surface/facade: the exterior finish, resulting in the completed outside appearance. Sometimes called the building's "skin," examples include stucco, brick, paint, natural wall, and textured or colored concrete.

Inmate design capacity

Single occupancy: number of inmates for whom single cells were designed. In some facilities, bunks have been permanently attached to the walls in single cells thereby converting them to double cell use. However, because they were originally designed for single occupancy, these cells are counted as single occupancy in this directory. (Extra bunks are shown as "Means to handle crowding," defined below.)

Double occupancy: number of inmates for whom double cells were designed.

Dorms: number of inmates for whom dormitories were designed.

Special housing: number of inmates for whom medical, psychiatric, isolation, holding, and other special cells were designed.

General population: total number of inmates for whom cells other than special housing were designed.

Total: total number of general population and special housing inmates for whom the facility was designed. (This number may differ from the actual population given under "Inmate housing areas.")

Current staff

Facility administrators have reported the number of full-time staff assigned to the facility. In the case of an addition or expansion, only staff provided for that addition or expansion are listed, and when those figures were not available, the profile indicates "N/A (addition)." To ensure comparable responses, the survey included definitions for each staffing category.

Administration: chief executives including wardens, superintendents, directors, administrators, colonels, captains, majors, lieutenants, and their assistants. Also includes all supervisory personnel above the level of first line supervisor; administrative and budget staff; clerical support; secretaries; typists; stenographers; bookkeepers; clerks; and switchboard operators.

Security: all line staff and first line supervisors, both sworn and unsworn; correctional officers; deputies; guards; sergeants; and security supervisors.

Programs/treatment: medical, dental, psychiatric, counseling, and therapy personnel; and technicians.

Maintenance: engineers, electricians, plumbers, janitors, and repair and grounds personnel. Also includes kitchen/culinary and food preparation workers, cooks, and dishwashers.

Total: total number of full-time staff members as reported by the facility administrator.

Current inmate/staff ratio: the number of inmates per staff member based on the current population. This figure is computed by dividing the total number of current staff into the current population, not the inmate design capacity.

Inmate housing areas

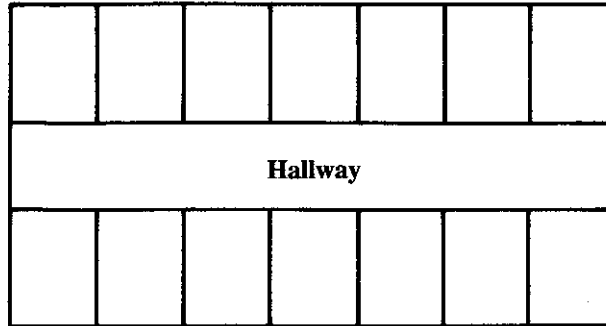
Design: the options for layout or arrangement of the inmate cells. Options include linear-outside cells, where cells have windows on outside walls, permitting direct light into cells; linear-inside cells, where cells are not on outside walls and light to cells is indirect; and module/pod, where cells are arranged around a common dayroom with cell doors opening into this activity area. (See Figure 2.)

Cells per unit: the number of cells in each block, pod, or module—the number of cells included in one housing unit of the facility.

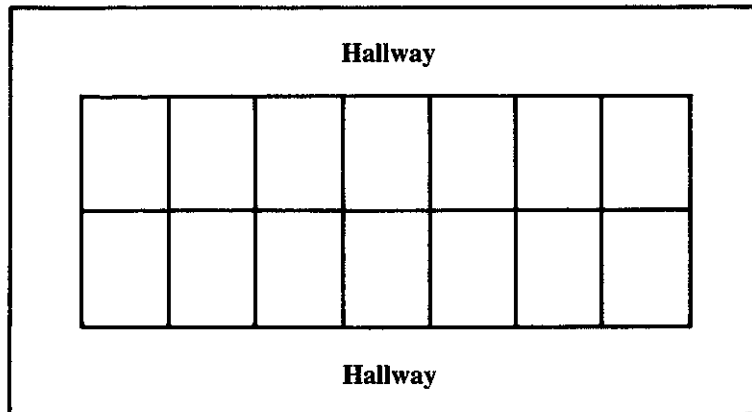
Inmates per unit: the number of inmates (design capacity) in a typical block, pod, or module.

Figure 2
Design of inmate housing areas

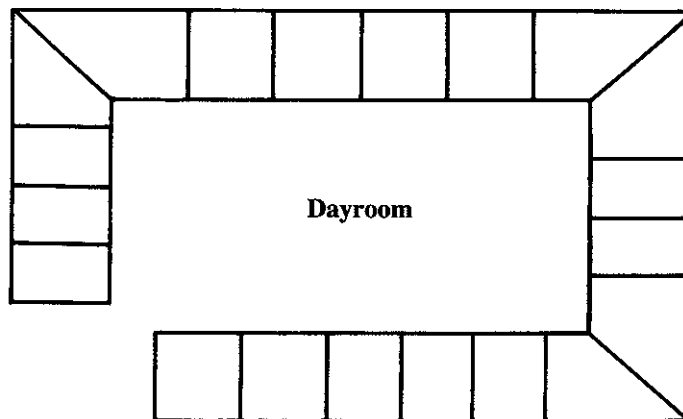
Linear; cells are on outside walls.



Linear; cells are inside.



Module/pod type; cells are on outside walls.



Management type: the type of surveillance utilized for a typical housing unit *per design*. Options include intermittent surveillance, where officers may walk periodically down hallways lined with cells and do not have constant view of all inmate areas; remote surveillance, where officers have inmates under constant observation but are separated from inmates by a security enclosure or barrier; or direct supervision, where officers are in constant contact with inmates and not enclosed in a workstation or separated by other barriers.

Date of population given: the date by which facility administrators reported the current population.

Facility commitment: the type of inmate housed in the facility. Several States permit inmates from State prison systems to be housed in local jail facilities, and while some States will permit units of local government to board jail prisoners in State facilities, the practice is most unusual.

Means to handle crowding: the means by which the facility handles, or plans to handle, crowding of its facility. Options include bunk beds in cell; mattresses on floor; beds in dayroom; and second bunk permanently attached to wall. Some facilities do not permit crowding.

Construction process

Finance method: the method of payment for the construction project and the source of funds. Options include General Obligation Bonds (G.O. Bonds); Lease Revenue Bonds; revenue sharing; other Federal funds; special election; floating or variable rate; Certificates of Participation; local funds; State funds; shared cost from multiple jurisdictions; and facility leased from private entity.

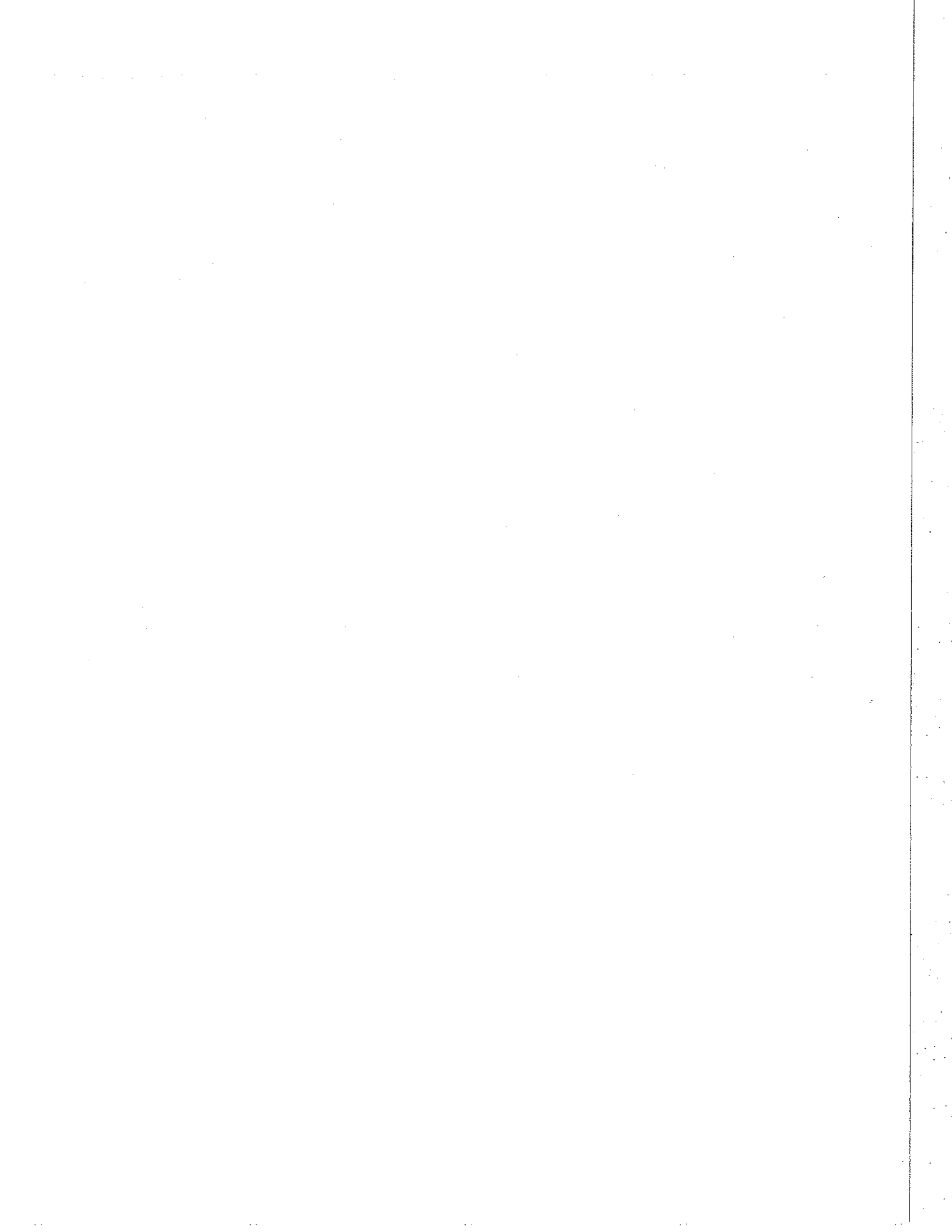
Contract method: the legal and financial steps used in the building process. Options include conventional design and bid; construction management (CM) fast track; and turn-key design and build. For methods involving firms other than the architect, such as construction management fast track or turn-key design and build, the name of the responsible firm will be shown at the top of the profile page.

Use of inmate labor: participation by prisoners in any aspect of the construction process and the specific activities in which they may have been engaged. This also reflects whether the use of inmate labor was limited, moderate, or extensive.

Use of prefabrication: techniques that may have been used to manufacture portions of the facility away from the construction site. If plant manufacturing was utilized, the nature of the components is described here, as is whether use was limited, moderate, or extensive.

Architect's reported analyses

Architects have reported the factors which, in their opinion, strongly influenced both costs and length of time that were required for completion of the facility. Architects have reported the positive and negative points for each project in separate categories for cost issues and time factors. Examples of positive cost factors might be favorable market conditions or repetitiveness of design. Under time issues, positive factors could include advanced order of materials and hardware or use of prefabricated components. Negative cost and time factors include such issues as difficult site conditions or labor problems.



Section III

Index: State/county/city

Index: Inmate design capacity

Index: Category of construction

Index: Facility name



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|-------|-----------------------|--------------------------------|---|------|
| AK | Anchorage | State detention facility | Cook Inlet Pre-Trial Facility | 60 |
| AK | Anchorage | State pre-trial facility | Cook Inlet Pre-Trial Facility Phase II | 62 |
| AK | Bethel | State prison | Yukon-Kuskokwim Correctional Center | 76 |
| AK | Eagle River | State prison | Hiland Mountain Correctional Center | 66 |
| AK | Eagle River | State prison | Meadow Creek Correctional Center | 70 |
| AK | Fairbanks | State prison | Fairbanks Correctional Center | 64 |
| AK | Kenai | State prison | Wildwood Correctional Center | 74 |
| AK | Palmer | State prison | Mat-su Pre-Trial Facility | 68 |
| AK | Palmer | State prison | Palmer Correctional Center Medium Security Facility | 72 |
| AL | Bessemer | State prison | West Jefferson Correctional Facility | 58 |
| AL | Jefferson County | County jail | Jefferson County Jail | 56 |
| AL | Talladega | Federal prison | Federal Correctional Institution | 54 |
| AR | Clark County | County complex | Clark County Detention Facility | 96 |
| AR | Garland County | County jail | Garland County Detention Facility | 100 |
| AR | Grady | State prison | Cummins Unit—Medium Security | 98 |
| AR | Saline County | County jail | Saline County Detention Facility | 104 |
| AR | Tucker | State prison | Maximum Security Unit, Tucker Unit | 102 |
| AZ | Cochise County | County jail | Cochise County Jail | 82 |
| AZ | Florence | State prison | Arizona State Prison—Florence | 78 |
| AZ | Gila | Juvenile correctional facility | Pinal Mountain Juvenile Institution | 92 |
| AZ | Goodyear | State prison | Arizona State Prison—Perryville | 80 |
| AZ | Phoenix | Federal prison | Federal Correctional Institution | 84 |
| AZ | Pima County | County jail | Pima County Adult Detention Center | 88 |
| AZ | Pima County | County jail | Pima County Adult Detention Center (Addition) | 90 |
| AZ | Sacaton | Juvenile rehabilitation center | Sacaton Juvenile Rehabilitation Center | 94 |
| AZ | Tucson | Federal prison | Federal Correctional Institution | 86 |
| CA | Alameda County | County jail | Alameda County North County Jail | 106 |
| CA | Contra Costa County | County complex | Contra Costa County Detention Facility | 114 |
| CA | Kings County | County jail | Kings County Branch Jail | 120 |
| CA | Nevada County | County restitution center | Nevada County Detention Center | 124 |
| CA | Orange County | County jail | Lacy Security Facility | 122 |
| CA | Orange County | County jail | Orange County Sheriff's Intake Release Center | 126 |
| CA | Placer County | County complex | Placer County Jail | 128 |
| CA | Plumas County | County jail | Plumas County Sheriff's Department & Detention Facility | 130 |
| CA | Represa | State prison | California State Prison—Sacramento County/Folsom | 112 |
| CA | San Bernardino County | County complex | Foothill Communities Law & Justice Center | 118 |
| CA | San Diego | State prison | Richard J. Donovan Correctional Facility at Rock Mountain | 134 |
| CA | San Joaquin County | County jail | San Joaquin County Honor Farm Women's Minimum Security Facility | 136 |
| CA | Santa Barbara County | County jail | Santa Barbara County Main Jail | 138 |
| CA | Santa Clara County | County jail | Elmwood—Barracks 24 | 116 |
| CA | Santa Cruz County | County jail | Santa Cruz County Jail (Phase I) | 140 |
| CA | Shasta County | County complex | Shasta County Justice Center | 144 |
| CA | Sonoma County | County jail | Sonoma North County Detention Facility | 146 |
| CA | Stanislaus County | County complex | Stanislaus County Jail | 148 |
| CA | Sunnyvale | City complex | Sunnyvale Public Safety Building and Temporary Holding Facility | 150 |
| CA | Tehachapi | State prison | California Correctional Institution | 108 |
| CA | Torrance | City complex | Torrance Police Department | 152 |
| CA | Tulare County | County jail | Sequoia Field Detention Facility | 142 |

| State | County/City | Facility type | Facility name | Page |
|-------|---------------------|------------------------------------|---|------|
| CA | Tuolumne County | County jail | Tuolumne County Jail | 154 |
| CA | Vacaville | State prison | California Medical Facility—South | 110 |
| CA | Ventura County | County complex | Pre-Trial Detention Facility | 132 |
| CA | Yuba County | County jail | Yuba County Jail | 156 |
| CO | Adams County | County jail | Adams County Detention Facility | 158 |
| CO | Alamosa County | County complex | Alamosa County Law Enforcement Center | 160 |
| CO | Crowley | State prison | Arkansas Valley Correctional Facility | 162 |
| CO | Delta County | County complex | Delta County Criminal Justice Facility | 164 |
| CO | Garfield County | County jail | Garfield County Jail | 166 |
| CO | Pitkin County | County complex | Pitkin County Jail | 168 |
| CO | Summit County | County complex | Summit County Justice Center | 170 |
| CT | Bridgeport | State prison | Bridgeport Correctional Center: Modular Units | 172 |
| CT | Niantic | State jail | J. Bernard Gates Correctional Unit | 174 |
| DE | Smyrna | State prison | Delaware Correctional Center (Maximum Security) | 176 |
| FL | Alachua County | County jail | Alachua County Corrections Facility | 178 |
| FL | Indiantown | State prison | Martin Correctional Institution | 188 |
| FL | Leon County | County jail | Leon County Jail | 182 |
| FL | Leon County | County complex | Leon County Justice Complex | 184 |
| FL | Marion County | County jail | Marion County Detention Center | 186 |
| FL | Miami | State prison | South Florida Reception Center | 196 |
| FL | Pinellas County | County jail | Pinellas County Jail—Medium Security Facility | 190 |
| FL | Raiford | State prison | Union Correctional Institution | 198 |
| FL | Santa Rosa County | County complex | Santa Rosa County Jail | 192 |
| FL | Seminole County | County jail | Seminole County Correctional Facility | 194 |
| FL | Tallahassee | Federal prison | Federal Correctional Institution | 180 |
| GA | Clarke County | County jail | Clarke County Correctional Institution | 200 |
| GA | Dooly County | County jail | Dooly County Jail | 202 |
| GA | Richmond County | County complex | Richmond County Law Enforcement and Justice Center | 204 |
| HI | Maui County/Wailuku | County and city jails/State prison | Maui Community Correctional Center | 206 |
| IA | Polk County | County jail | Polk County Jail | 244 |
| IA | Woodbury County | County complex | Woodbury Law Enforcement Center | 246 |
| IL | Centralia | State prison | Centralia Correctional Center | 208 |
| IL | Cook County | County jail | Cook County Medical and Psychiatric Facility—RTU Building | 210 |
| IL | Danville | State prison | Danville Correctional Center | 212 |
| IL | Dixon | State prison | Dixon Correctional Center | 214 |
| IL | Douglas County | County complex | Douglas County Jail | 216 |
| IL | DuPage County | County complex | DuPage County Jail and Sheriff's Department | 218 |
| IL | Dwight | State prison | Dwight Correctional Center (1979 Addition) | 220 |
| IL | Dwight | State prison | Dwight Correctional Center (1984 Addition) | 222 |
| IL | East Moline | State prison | East Moline Correctional Center | 224 |
| IL | Hillsboro | State prison | Graham Correctional Center | 226 |
| IL | Manteno | Juvenile correctional facility | Illinois Youth Center—Kankakee (Dining Facility) | 228 |
| IL | Manteno | Juvenile correctional facility | Illinois Youth Center—Kankakee (Housing Unit) | 230 |
| IL | Peoria County | County complex | Peoria County Adult Detention and Work Release Facility | 232 |
| IL | Rock Island County | County complex | Rock Island County Jail | 234 |
| IL | Sheridan | State prison | Sheridan Correctional Center (Kitchen/Dining Facility) | 238 |
| IL | Sheridan | State prison | Sheridan Correctional Center (Medical/Security Services) | 240 |
| IL | Vienna | State prison | Shawnee Correctional Center | 236 |
| IN | Marion County | County complex | Marion County Jail | 242 |

| State | County/City | Facility type | Facility name | Page |
|-------|---|---------------------------------------|--|------|
| KS | Johnson County | Juvenile detention facility | Johnson County Juvenile Hall | 248 |
| KS | Lansing | State prison | Kansas State Penitentiary (Phase One) | 250 |
| KS | Shawnee County | County complex | Shawnee County Department of Corrections | 252 |
| KY | Ashland | Federal prison | Federal Correctional Institution | 254 |
| KY | Knox County | County jail | Knox County Jail | 256 |
| LA | Angie | State prison | Washington Correctional Institute | 268 |
| LA | Oakdale | Federal complex | Federal Detention Center | 260 |
| LA | Jackson | State prison | Dixon Correctional Institute | 258 |
| LA | Jackson | State complex | Feliciana Forensic Facility | 262 |
| LA | St. Gabriel | State prison | Hunt Correctional Center | 264 |
| LA | St. Gabriel | State prison | Louisiana Correctional Institute for Women | 266 |
| MA | Jamaica Plain | State treatment facility | Longwood Treatment Center | 286 |
| MA | Norfolk | State prison | Massachusetts Correctional Institution Norfolk | 288 |
| MD | Baltimore | City jail | Baltimore City Jail | 274 |
| MD | Baltimore | State prison | Baltimore City Correctional Center | 272 |
| MD | Montgomery County | County complex | Montgomery County Detention Center | 278 |
| MD | Prince George's County | County jail | Prince George's County Correctional Center | 280 |
| MD | Somerset County | County jail | Somerset County Detention Center | 282 |
| MD | Washington County | County jail | Washington County Detention Center | 284 |
| MD | Westover | State prison | Eastern Correctional Institution | 276 |
| ME | Franklin County | County complex | Franklin County Detention/Law Enforcement Facility | 270 |
| MI | Grand Traverse County/ Traverse City | County and city complex | Grand Traverse County Correctional Facility | 292 |
| MI | Jackson | State prison hospital | State Prison of Southern Michigan | 296 |
| MI | Macomb County | County jail | Macomb County Jail | 294 |
| MI | Shingleton | State prison | Correction Camp Cusino | 290 |
| MN | Hennepin County | County juvenile detention facility | Hennepin County Juvenile Detention Center | 298 |
| MN | St. Peter | State prison | Minnesota Supervised Living Facility | 300 |
| MO | Clay County | County jail | Clay County Detention Center | 308 |
| MO | Farmington | State prison | Farmington Correctional Center | 310 |
| MO | Fulton | State prison | Fulton Reception and Diagnostic Center, Phase I | 312 |
| MO | Jackson County | County complex | Jackson County Detention Center | 314 |
| MO | Pacific | State prison | Missouri Eastern Correctional Center | 316 |
| MS | Jackson County | County jail | Jackson County Adult Detention Center | 302 |
| MS | Parchman | State prison | Mississippi State Penitentiary—Unit 29 | 304 |
| MS | Tunica County | County complex | Tunica County Jail and Sheriff's Department | 306 |
| MT | Chouteau County | County complex | Chouteau County Law Enforcement Facility | 318 |
| MT | Jefferson County | County complex | Jefferson County Criminal Justice Center | 320 |
| MT | Lewis and Clark County | County complex | Lewis and Clark County Criminal Justice Facility | 322 |
| MT | Pondera County | County complex | Pondera County Jail | 324 |
| MT | Yellowstone County | County complex | Yellowstone County Detention Facility | 326 |
| NC | Craven County | County complex | Craven County Law Enforcement Center | 384 |
| NC | Maury | State prison | Eastern Correctional Center | 386 |
| NC | Raleigh | State prison | North Carolina Central Prison | 388 |
| NC | Troy | State prison | Southern Correctional Center | 390 |
| NE | Dodge County | County complex | Dodge County Judicial Center | 328 |
| NE | Douglas County | County jail | Douglas County Correctional Center | 330 |
| NE | Lincoln | State prison | Nebraska State Penitentiary | 332 |
| NJ | Atlantic County | County complex | Gerald L. Gormley Justice Facility | 338 |

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|-------|--------------------------|--------------------------|---|------|
| NJ | Camden County | County jail | Camden County Correctional Facility | 336 |
| NJ | Delmont | State prison | Southern State Correctional Facility: Modular Units (Phase I and II) | 344 |
| NJ | Middlesex County | County jail | Middlesex County Correctional Facility | 340 |
| NJ | Ocean County | County complex | Ocean County Justice Complex | 342 |
| NJ | Trenton | State prison | Trenton State Prison | 346 |
| NJ | Warren County | County jail | Warren County Correctional Center | 348 |
| NM | Albuquerque | Youth detention facility | Youth Diagnostic and Development Center | 360 |
| NM | Albuquerque | Youth detention facility | Youth Diagnostic and Development Center—Phase III | 362 |
| NM | Bernalillo County | County jail | Bernalillo County Detention Center (South Tower) | 350 |
| NM | Grants | State prison | Western New Mexico Correctional Facility | 358 |
| NM | Las Cruces | State prison | Southern New Mexico Correctional Facility | 356 |
| NM | Los Lunas | State prison | Central New Mexico Correctional Facility | 352 |
| NM | Santa Fe | State prison | Penitentiary of New Mexico | 354 |
| NV | Clark County | County jail | Clark County Detention Center | 334 |
| NY | Buffalo | State center for youth | Masten Park Secure Center | 378 |
| NY | Elmira | State prison | Elmira Correctional & Reception Center Food Service & Dining Facility | 366 |
| NY | Erie County | County jail | Erie County Correctional Facility | 368 |
| NY | Erie County | County jail | Erie County Holding Center | 370 |
| NY | New York | City jail | Brooklyn Correctional Facility | 364 |
| NY | New York | City jail | North Facility | 380 |
| NY | New York | City jail | Rikers Island: Modular Units | 382 |
| NY | New York | State treatment center | Kirby Forensic Psychiatric Center | 376 |
| NY | Otisville | Federal prison | Federal Correctional Institution | 372 |
| NY | Ray Brook | Federal prison | Federal Correctional Institution | 374 |
| OH | Ashtabula County | County complex | Ashtabula County Justice Center | 392 |
| OH | Chillicothe | State prison | Ross Correctional Institution | 406 |
| OH | Clermont County | County jail | Clermont County Jail | 394 |
| OH | Hamilton County | County complex | Hamilton County Justice Complex | 396 |
| OH | Logan County | County complex | Logan County Jail and Office Complex | 398 |
| OH | London | State prison | Madison Correctional Institution | 400 |
| OH | Marysville | State prison | Ohio Reformatory for Women | 402 |
| OH | Ottawa County | County complex | Ottawa County Detention Facility | 404 |
| OH | Wayne County | County complex | Wayne County Justice Center | 408 |
| OK | Hodgen | State prison | Ouachita Correctional Center | 424 |
| OK | Lexington | State prison | Lexington Assessment & Reception Center | 414 |
| OK | Lexington | State prison | Lexington Assessment & Reception Center, Phase I and II | 416 |
| OK | McAlester | State prison | Oklahoma State Penitentiary | 422 |
| OK | Cleveland County | County complex | Cleveland County Detention Center | 410 |
| OK | Kay County | County complex | Kay County Detention Facility | 412 |
| OK | Muskogee County/Muskogee | County and city jails | Muskogee County/City Detention Facility | 420 |
| OK | Oklahoma City | State prison | Mabel Bassett Correctional Center | 418 |
| OR | Jackson County | County jail | Jackson County Jail | 426 |
| OR | Multnomah County | County complex | Justice Center | 428 |
| PA | Allegheny County | County jail | Allegheny County Jail Annex | 430 |
| PA | Blair County | County jail | Blair County Prison | 432 |
| PA | Huntington | State prison | State Correctional Institution at Smithfield | 440 |
| PA | Lycoming County | County jail | Lycoming County Prison | 434 |
| PA | Mercer | State prison | State Regional Correctional Facility at Mercer | 442 |

| State | County/City | Facility type | Facility name | Page |
|-------|--------------------------------------|-----------------------------|--|------|
| PA | Philadelphia County/ Philadelphia | County and city jails | Philadelphia Industrial Correctional Center | 436 |
| PA | Schuylkill County | County jail | Schuylkill County Prison | 438 |
| PA | Warren County | County jail | Warren County Jail | 444 |
| PA | Wyoming County | County jail | Wyoming County Jail | 446 |
| SC | Clemson | City complex | Clemson Police Department | 448 |
| SC | Columbia | State prison | Gilliam Psychiatric Center | 450 |
| SC | Myrtle Beach | City complex | Myrtle Beach Law Enforcement Center | 454 |
| SC | Ridgeville | State prison | Lieber Correctional Institution | 452 |
| TN | Nashville | State prison | Nashville Community Service Center | 456 |
| TN | Shelby County/Memphis | County and city complex | Shelby County Justice Center | 458 |
| TX | Austin County | County complex | Austin County Jail | 460 |
| TX | Bastrop | Federal prison | Federal Correctional Institution | 486 |
| TX | Bexar County | County complex | Bexar County Juvenile Center | 466 |
| TX | Brazoria County | County jail | Brazoria County Sheriff's Department Detention Center II | 468 |
| TX | Cameron County | County jail | Cameron County Detention Center | 470 |
| TX | Chambers County | County complex | Chambers County Law Enforcement Center | 472 |
| TX | Comal County | County complex | Comal County Jail | 476 |
| TX | Dallas County/Dallas | County and city jails | Lew Sterrett Justice Center | 506 |
| TX | Fayette County | County complex | Fayette County Detention Center | 484 |
| TX | Fort Bend | County complex | Fort Bend County Jail | 490 |
| TX | Fort Bend | County jail | Fort Bend County Jail (Expansion) | 492 |
| TX | Freeport | City complex | Freeport Police and Courts Building | 494 |
| TX | Galveston | State prison hospital | TDC Hospital at Galveston | 524 |
| TX | Gatesville | State prison | Mountain View Unit | 512 |
| TX | Harris County | County complex | Harris County Juvenile Detention Home | 496 |
| TX | Hidalgo County | County jail | Hidalgo County Jail | 498 |
| TX | Houston | City complex | Westside Police Area Command Station | 532 |
| TX | Hunt County | County complex | Hunt County Criminal Justice Center | 500 |
| TX | Huntsville | State prison | Diagnostic Unit | 480 |
| TX | Huntsville | State prison | Ellis II Unit (Phase I and II) | 482 |
| TX | Katy | City complex | Katy Police Department | 504 |
| TX | Liberty County | County complex | Liberty County Jail | 508 |
| TX | Midway | State prison | Ferguson Unit | 488 |
| TX | Missouri City | City complex | Missouri City Police Department | 510 |
| TX | Navasota | State prison | Wallace Pack Unit I | 528 |
| TX | Navasota | State prison | Wallace Pack Unit II | 530 |
| TX | Orange County | County complex | Orange County Jail | 514 |
| TX | Palestine | State prison | Beto II Unit | 464 |
| TX | Pearland | City complex | Pearland Public Safety Building | 516 |
| TX | Richmond | State prison | Jester Unit Number 3 | 502 |
| TX | Rosharon | State prison | Darrington Unit | 478 |
| TX | San Patricio County | County complex | San Patricio County Sheriff's Department | 518 |
| TX | Smith County | County jail | Smith County Jail | 520 |
| TX | Starr County | County jail | Starr County Jail | 522 |
| TX | Tennessee Colony | State prison | Beto I Unit | 462 |
| TX | Tennessee Colony | State prison | Coffield Unit | 474 |
| TX | Victoria County | County complex | Victoria County Jail | 526 |
| UT | Draper | State prison | Young Adult Correctional Facility | 538 |
| UT | Salt Lake City | State correctional facility | Orange Street Community Correctional Center | 534 |

| State | County/City | Facility type | Facility name | Page |
|-------|----------------------|--------------------------|--|------|
| UT | Uintah County | County jail | Uintah County Jail | 536 |
| VA | Alexandria | City complex | Alexandria Detention Center | 544 |
| VA | Augusta County | County jail | Augusta County Jail | 546 |
| VA | Fairfax County | County complex | Fairfax County Adult Detention Center and Pre-Release Center | 548 |
| VA | Pittsylvania County | County jail | Pittsylvania County Jail | 550 |
| VA | Roanoke | City complex | Roanoke City Jail | 552 |
| VT | St. Albans | State prison | Northwest State Correctional Facility | 540 |
| VT | St. Johnsbury County | County jail/State prison | St. Johnsbury Community Correctional Center | 542 |
| WA | Benton County | County complex | Benton County Justice Center | 554 |
| WA | Forks | City complex | Forks City Jail | 556 |
| WA | Jefferson County | County complex | Jefferson County Correctional Facility | 558 |
| WA | Monroe | State prison | Twin Rivers Corrections Center | 562 |
| WA | Shelton | State prison | Washington Corrections Center Intensive Management Unit | 564 |
| WA | Thurston County | County complex | Thurston County Corrections Facility | 560 |
| WA | Whitman County | County complex | Whitman County Correctional Facility | 566 |
| WI | Burnett County | County complex | Burnett County Government Center | 570 |
| WI | Oshkosh | State prison | Oshkosh Correctional Institution | 574 |
| WI | Portage | State prison | Columbia Correctional Institution | 572 |
| WI | Rusk County | County complex | Rusk County Law Enforcement Facility | 576 |
| WV | Ohio County/Wheeling | County and city complex | Ohio County Correctional Center | 568 |

| Inmates | Facility name | County/City | State | Facility type | Page |
|----------------|---|------------------------|--------------|--------------------------------|-------------|
| 7 | Youth Diagnostic and Development Center—Phase III | Albuquerque | NM | Youth detention facility | 362 |
| 8 | Pondera County Jail | Pondera County | MT | County complex | 324 |
| 10 | Sheridan Correctional Center (Medical/Security Services) | Sheridan | IL | State prison | 240 |
| 11 | Dooly County Jail | Dooly County | GA | County jail | 202 |
| 13 | Clemson Police Department | Clemson | SC | City complex | 448 |
| 14 | Forks City Jail | Forks | WA | City complex | 556 |
| 14 | Jefferson County Criminal Justice Center | Jefferson County | MT | County complex | 320 |
| 16 | Garfield County Jail | Garfield County | CO | County jail | 166 |
| 20 | Douglas County Jail | Douglas County | IL | County complex | 216 |
| 20 | Sunnyvale Public Safety Building and Temporary Holding Facility | Sunnyvale | CA | City complex | 150 |
| 21 | Freeport Police and Courts Building | Freeport | TX | City complex | 494 |
| 21 | Katy Police Department | Katy | TX | City complex | 504 |
| 21 | Tuolumne County Jail | Tuolumne County | CA | County jail | 154 |
| 24 | Franklin County Detention/Law Enforcement Facility | Franklin County | ME | County complex | 270 |
| 24 | Missouri City Police Department | Missouri City | TX | City complex | 510 |
| 25 | Pitkin County Jail | Pitkin County | CO | County complex | 168 |
| 27 | Burnett County Government Center | Burnett County | WI | County complex | 570 |
| 27 | Logan County Jail and Office Complex | Logan County | OH | County complex | 398 |
| 27 | Saline County Detention Facility | Saline County | AR | County jail | 104 |
| 29 | Rusk County Law Enforcement Facility | Rusk County | WI | County complex | 576 |
| 30 | Meadow Creek Correctional Center | Eagle River | AK | State prison | 70 |
| 32 | Clark County Detention Facility | Clark County | AR | County complex | 96 |
| 33 | Jefferson County Correctional Facility | Jefferson County | WA | County complex | 558 |
| 33 | Tunica County Jail and Sheriff's Department | Tunica County | MS | County complex | 306 |
| 34 | Johnson County Juvenile Hall | Johnson County | KS | Juvenile detention facility | 248 |
| 35 | Chouteau County Law Enforcement Facility | Chouteau County | MT | County complex | 318 |
| 35 | Plumas County Sheriff's Department & Detention Facility | Plumas County | CA | County jail | 130 |
| 36 | Cook Inlet Pre-Trial Facility Phase II | Anchorage | AK | State pre-trial facility | 62 |
| 36 | Pearland Public Safety Building | Pearland | TX | City complex | 516 |
| 37 | Knox County Jail | Knox County | KY | County jail | 256 |
| 38 | Whitman County Correctional Facility | Whitman County | WA | County complex | 566 |
| 39 | Pittsylvania County Jail | Pittsylvania County | VA | County jail | 550 |
| 40 | Sacaton Juvenile Rehabilitation Center | Sacaton | AZ | Juvenile rehabilitation center | 94 |
| 40 | San Joaquin County Honor Farm Women's Minimum Security Facility | San Joaquin County | CA | County jail | 136 |
| 40 | Stanislaus County Jail | Stanislaus County | CA | County complex | 148 |
| 41 | Ottawa County Detention Facility | Ottawa County | OH | County complex | 404 |
| 43 | Dodge County Judicial Center | Dodge County | NE | County complex | 328 |
| 46 | Summit County Justice Center | Summit County | CO | County complex | 170 |
| 47 | Delta County Criminal Justice Facility | Delta County | CO | County complex | 164 |
| 48 | Lewis and Clark County Criminal Justice Facility | Lewis and Clark County | MT | County complex | 322 |
| 48 | Nevada County Detention Center | Nevada County | CA | Restitution center | 124 |
| 50 | Baltimore City Jail | Baltimore | MD | City jail | 274 |
| 50 | Dixon Correctional Center | Dixon | IL | State prison | 214 |
| 50 | Illinois Youth Center—Kankakee (Housing Unit) | Manteno | IL | Juvenile correctional facility | 230 |
| 50 | Warren County Jail | Warren County | PA | County jail | 444 |
| 50 | Wyoming County Jail | Wyoming County | PA | County jail | 446 |
| 51 | Alamosa County Law Enforcement Center | Alamosa County | CO | County complex | 160 |
| 51 | Leon County Justice Complex | Leon County | FL | County complex | 184 |

| Inmates | Facility name | County/City | State | Facility type | Page |
|----------------|--|-----------------------|--------------|------------------------------------|-------------|
| 51 | Northwest State Correctional Facility | St. Albans | VT | State prison | 540 |
| 51 | Somerset County Detention Center | Somerset County | MD | County jail | 282 |
| 52 | Austin County Jail | Austin County | TX | County complex | 460 |
| 53 | Mabel Bassett Correctional Center | Oklahoma City | OK | State prison | 418 |
| 56 | Mat-su Pre-Trial Facility | Palmer | AK | State prison | 68 |
| 58 | Torrance Police Department | Torrance | CA | City complex | 152 |
| 61 | Augusta County Jail | Augusta County | VA | County jail | 546 |
| 61 | Fayette County Detention Center | Fayette County | TX | County complex | 484 |
| 61 | Ohio County Correctional Center | Ohio County/Wheeling | WV | County and city complex | 568 |
| 62 | Orange Street Community Correctional Center | Salt Lake City | UT | State correctional facility | 534 |
| 64 | Delaware Correctional Center (Maximum Security) | Smyrna | DE | State prison | 176 |
| 64 | Orange County Jail | Orange County | TX | County complex | 514 |
| 68 | Masten Park Secure Center | Buffalo | NY | State center for youth | 378 |
| 68 | Santa Barbara County Main Jail | Santa Barbara County | CA | County jail | 138 |
| 68 | Uintah County Jail | Uintah County | UT | County jail | 536 |
| 72 | Fairbanks Correctional Center | Fairbanks | AK | State prison | 64 |
| 74 | Ashtabula County Justice Center | Ashtabula County | OH | County complex | 392 |
| 75 | Chambers County Law Enforcement Center | Chambers County | TX | County complex | 472 |
| 75 | Feliciano Forensic Facility | Jackson | LA | State complex | 262 |
| 76 | Warren County Correctional Center | Warren County | NJ | County jail | 348 |
| 78 | Craven County Law Enforcement Center | Craven County | NC | County complex | 384 |
| 78 | Wayne County Justice Center | Wayne County | OH | County complex | 408 |
| 80 | Kay County Detention Facility | Kay County | OK | County complex | 412 |
| 83 | Maui Community Correctional Center | Maui County/Wailuku | HI | County and city jails/State prison | 206 |
| 87 | Hennepin County Juvenile Detention Center | Hennepin County | MN | Juvenile detention facility | 298 |
| 87 | Liberty County Jail | Liberty County | TX | County complex | 508 |
| 90 | Lexington Assessment & Reception Center (Addition) | Lexington | OK | State prison | 414 |
| 90 | Ouachita Correctional Center | Hodgen | OK | State prison | 424 |
| 94 | Foothill Communities Law & Justice Center | San Bernardino County | CA | County complex | 118 |
| 94 | State Prison of Southern Michigan | Jackson | MI | State prison hospital | 296 |
| 96 | Dwight Correctional Center (1984 Addition) | Dwight | IL | State prison | 222 |
| 96 | Garland County Detention Facility | Garland County | AR | County jail | 100 |
| 96 | Gilliam Psychiatric Center | Columbia | SC | State prison | 450 |
| 96 | Mountain View Unit | Gatesville | TX | State prison | 512 |
| 96 | Santa Cruz County Jail (Phase I) | Santa Cruz County | CA | County jail | 140 |
| 96 | St. Johnsbury Community Correctional Center | St. Johnsbury County | VT | County jail/State prison | 542 |
| 98 | Federal Correctional Institution | Tallahassee | FL | Federal prison | 180 |
| 98 | Yukon-Kuskokwim Correctional Center | Bethel | AK | State prison | 76 |
| 99 | Jackson County Adult Detention Center | Jackson County | MS | County jail | 302 |
| 100 | Bridgeport Correctional Center: Modular Units | Bridgeport | CT | State prison | 172 |
| 100 | Dixon Correctional Institute | Jackson | LA | State prison | 258 |
| 100 | Dwight Correctional Center (1979 Addition) | Dwight | IL | State prison | 220 |
| 100 | Federal Correctional Institution | Ashland | KY | Federal prison | 254 |
| 100 | Leon County Jail | Leon County | FL | County jail | 182 |
| 100 | Louisiana Correctional Institute for Women | St. Gabriel | LA | State prison | 266 |
| 100 | Youth Diagnostic and Development Center | Albuquerque | NM | Youth detention facility | 360 |
| 103 | Benton County Justice Center | Benton County | WA | County complex | 554 |
| 104 | Bexar County Juvenile Center | Bexar County | TX | County complex | 466 |
| 104 | J. Bernard Gates Correctional Unit | Niantic | CT | State jail | 174 |

| Inmates | Facility name | County/City | State | Facility type | Page |
|----------------|---|---|--------------|--------------------------------|-------------|
| 104 | Palmer Correctional Center Medium Security Facility | Palmer | AK | State prison | 72 |
| 108 | Woodbury Law Enforcement Center | Woodbury County | IA | County complex | 246 |
| 109 | Hunt County Criminal Justice Center | Hunt County | TX | County complex | 500 |
| 112 | Myrtle Beach Law Enforcement Center | Myrtle Beach | SC | City complex | 454 |
| 120 | Nashville Community Service Center | Nashville | TN | State prison | 456 |
| 123 | Starr County Jail | Starr County | TX | County jail | 522 |
| 124 | Washington Corrections Center Intensive Management Unit | Shelton | WA | State prison | 564 |
| 125 | Longwood Treatment Center | Jamaica Plain | MA | State treatment facility | 286 |
| 126 | Grand Traverse County Correctional Facility | Grand Traverse County/ Traverse City | MI | County and city complex | 292 |
| 126 | Santa Rosa County Jail | Santa Rosa County | FL | County complex | 192 |
| 127 | Fort Bend County Jail (Expansion) | Fort Bend County | TX | County jail | 492 |
| 128 | Kings County Branch Jail | Kings County | CA | County jail | 120 |
| 131 | Montgomery County Detention Center | Montgomery County | MD | County complex | 278 |
| 132 | Clarke County Correctional Institution | Clarke County | GA | County jail | 200 |
| 132 | San Patricio County Sheriff's Department | San Patricio County | TX | County complex | 518 |
| 132 | Victoria County Jail | Victoria County | TX | County complex | 526 |
| 133 | Clermont County Jail | Clermont County | OH | County jail | 394 |
| 134 | Cleveland County Detention Center | Cleveland County | OK | County complex | 410 |
| 134 | Yuba County Jail | Yuba County | CA | County jail | 156 |
| 136 | Muskogee County/City Detention Facility | Muskogee County/ Muskogee | OK | County and city jails | 420 |
| 139 | Sonoma North County Detention Facility | Sonoma County | CA | County jail | 146 |
| 140 | Schuylkill County Prison | Schuylkill County | PA | County jail | 438 |
| 141 | Blair County Prison | Blair County | PA | County jail | 432 |
| 144 | Pinal Mountain Juvenile Institution | Gila | AZ | Juvenile correctional facility | 92 |
| 144 | TDC Hospital at Galveston | Galveston | TX | State prison hospital | 524 |
| 150 | Lycoming County Prison | Lycoming County | PA | County jail | 434 |
| 152 | Washington County Detention Center | Washington County | MD | County jail | 284 |
| 158 | Thurston County Corrections Facility | Thurston County | WA | County complex | 560 |
| 160 | Correction Camp Cusino | Shingleton | MI | State prison | 290 |
| 160 | Hiland Mountain Correctional Center | Eagle River | AK | State prison | 66 |
| 161 | Clay County Detention Center | Clay County | MO | County jail | 308 |
| 162 | Cochise County Jail | Cochise County | AZ | County jail | 82 |
| 164 | Minnesota Supervised Living Facility | St. Peter | MN | State prison | 300 |
| 166 | Fort Bend County Jail | Fort Bend County | TX | County complex | 490 |
| 174 | Yellowstone County Detention Facility | Yellowstone County | MT | County complex | 326 |
| 176 | Westside Police Area Command Station | Houston | TX | City complex | 532 |
| 180 | Lacy Security Facility | Orange County | CA | County jail | 122 |
| 180 | State Regional Correctional Facility at Mercer | Mercer | PA | State prison | 442 |
| 183 | Jackson County Jail | Jackson County | OR | County jail | 426 |
| 184 | Comal County Jail | Comal County | TX | County complex | 476 |
| 184 | Cummins Unit—Medium Security | Grady | AR | State prison | 98 |
| 184 | Hidalgo County Jail | Hidalgo County | TX | County jail | 498 |
| 190 | Federal Correctional Institution | Tucson | AZ | Federal prison | 86 |
| 190 | Shawnee County Department of Corrections | Shawnee County | KS | County complex | 252 |
| 194 | Pinellas County Jail—Medium Security Facility | Pinellas County | FL | County jail | 190 |
| 196 | Elmwood—Barracks 24 | Santa Clara County | CA | County jail | 116 |
| 198 | Harris County Juvenile Detention Home | Harris County | TX | County complex | 496 |

| Inmates | Facility name | County/City | State | Facility type | Page |
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| 200 | East Moline Correctional Center | East Moline | IL | State prison | 224 |
| 200 | Rock Island County Jail | Rock Island County | IL | County complex | 234 |
| 200 | Wildwood Correctional Center | Kenai | AK | State prison | 74 |
| 201 | Roanoke City Jail | Roanoke | VA | City complex | 552 |
| 204 | Douglas County Correctional Center | Douglas County | NE | County jail | 330 |
| 209 | Ocean County Justice Complex | Ocean County | NJ | County complex | 342 |
| 210 | Polk County Jail | Polk County | IA | County jail | 244 |
| 212 | Placer County Jail | Placer County | CA | County complex | 128 |
| 228 | Cook Inlet Pre-Trial Facility | Anchorage | AK | State detention facility | 60 |
| 240 | Richmond County Law Enforcement and Justice Center | Richmond County | GA | County complex | 204 |
| 250 | Shasta County Justice Center | Shasta County | CA | County complex | 144 |
| 252 | Brazoria County Sheriff's Department Detention Center II | Brazoria County | TX | County jail | 468 |
| 258 | Western New Mexico Correctional Facility | Grants | NM | State prison | 358 |
| 264 | Fulton Reception and Diagnostic Center, Phase I | Fulton | MO | State prison | 312 |
| 264 | Smith County Jail | Smith County | TX | County jail | 520 |
| 274 | Allegheny County Jail Annex | Allegheny County | PA | County jail | 430 |
| 282 | Pima County Adult Detention Center | Pima County | AZ | County jail | 90 |
| 288 | Kansas State Penitentiary (Phase One) | Lansing | KS | State prison | 250 |
| 289 | Cameron County Detention Center | Cameron County | TX | County jail | 470 |
| 292 | Alachua County Corrections Facility | Alachua County | FL | County jail | 178 |
| 292 | Young Adult Correctional Facility | Draper | UT | State prison | 538 |
| 300 | Bernalillo County Detention Center | Bernalillo County | NM | County jail | 350 |
| 300 | Fairfax County Adult Detention Center and Pre-Release Center | Fairfax County | VA | County complex | 548 |
| 312 | Oshkosh Correctional Institution | Oshkosh | WI | State prison | 574 |
| 320 | Nebraska State Penitentiary | Lincoln | NE | State prison | 332 |
| 324 | Federal Correctional Institution | Talladega | AL | Federal prison | 54 |
| 330 | Middlesex County Correctional Facility | Middlesex County | NJ | County jail | 340 |
| 336 | Union Correctional Institution | Raiford | FL | State prison | 198 |
| 337 | Marion County Jail | Marion County | IN | County complex | 242 |
| 345 | Peoria County Adult Detention and Work Release Facility | Peoria County | IL | County complex | 232 |
| 346 | Alexandria Detention Center | Alexandria | VA | City complex | 544 |
| 354 | DuPage County Jail and Sheriff's Department | DuPage County | IL | County complex | 218 |
| 356 | Kirby Forensic Psychiatric Center | New York | NY | State treatment center | 376 |
| 368 | Gerald L. Gormley Justice Facility | Atlantic City | NJ | County complex | 338 |
| 384 | Baltimore City Correctional Center | Baltimore | MD | State prison | 272 |
| 386 | Contra Costa County Detention Facility | Contra Costa County | CA | County complex | 114 |
| 390 | Marion County Detention Center | Marion County | FL | County jail | 186 |
| 402 | Erie County Correctional Facility | Erie County | NY | County jail | 368 |
| 402 | Ohio Reformatory for Women | Marysville | OH | State prison | 402 |
| 428 | Lexington Assessment & Reception Center, Phase I and II | Lexington | OK | State prison | 416 |
| 430 | Justice Center | Multnomah County | OR | County complex | 428 |
| 434 | Pre-Trial Detention Facility | Ventura County | CA | County complex | 132 |
| 436 | Sequoia Field Detention Facility | Tulare County | CA | County jail | 142 |
| 448 | Diagnostic Unit | Huntsville | TX | State prison | 480 |
| 463 | Macomb County Jail | Macomb County | MI | County jail | 294 |
| 480 | Southern New Mexico Correctional Facility | Las Cruces | NM | State prison | 356 |
| 485 | Adams County Detention Facility | Adams County | CO | County jail | 158 |
| 486 | Central New Mexico Correctional Facility | Los Lunas | NM | State prison | 352 |
| 488 | Eastern Correctional Center | Maury | NC | State prison | 386 |

| Inmates | Facility name | County/City | State | Facility type | Page |
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| 488 | Southern Correctional Center | Troy | NC | State prison | 390 |
| 492 | Maximum Security Unit, Tucker Unit | Tucker | AR | State prison | 102 |
| 499 | Camden County Correctional Facility | Camden County | NJ | County jail | 336 |
| 499 | Pima County Adult Detention Center | Pima County | AZ | County jail | 88 |
| 500 | Federal Correctional Institution | Otisville | NY | Federal prison | 372 |
| 500 | Oklahoma State Penitentiary | McAlester | OK | State prison | 422 |
| 501 | Federal Correctional Institution | Bastrop | TX | Federal prison | 486 |
| 511 | Columbia Correctional Institution | Portage | WI | State prison | 572 |
| 516 | Erie County Holding Center | Erie County | NY | County jail | 370 |
| 520 | Jackson County Detention Center | Jackson County | MO | County complex | 314 |
| 524 | Cook County Medical and Psychiatric Facility— RTU Building | Cook County | IL | County jail | 210 |
| 534 | Federal Correctional Institution | Ray Brook | NY | Federal prison | 374 |
| 540 | Arizona State Prison—Florence | Florence | AZ | State prison | 78 |
| 545 | Twin Rivers Corrections Center | Monroe | WA | State prison | 562 |
| 560 | Missouri Eastern Correctional Center | Pacific | MO | State prison | 316 |
| 560 | State Correctional Institution at Smithfield | Huntingdon | PA | State prison | 440 |
| 575 | Federal Correctional Institution | Phoenix | AZ | Federal prison | 84 |
| 576 | Penitentiary of New Mexico | Santa Fe | NM | State prison | 354 |
| 588 | North Carolina Central Prison | Raleigh | NC | State prison | 388 |
| 596 | Alameda County North County Jail | Alameda County | CA | County jail | 106 |
| 596 | Prince George's County Correctional Center | Prince George's County | MD | County jail | 280 |
| 623 | Jefferson County Jail | Jefferson County | AL | County jail | 56 |
| 624 | South Florida Reception Center | Miami | FL | State prison | 196 |
| 650 | Philadelphia Industrial Correctional Center | Philadelphia County/ Philadelphia | PA | County and city jails | 436 |
| 656 | Ferguson Unit | Midway | TX | State prison | 488 |
| 696 | Lieber Correctional Institution | Ridgeville | SC | State prison | 452 |
| 739 | Seminole County Correctional Facility | Seminole County | FL | County jail | 194 |
| 742 | Arkansas Valley Correctional Facility | Crowley | CO | State prison | 162 |
| 744 | Hunt Correctional Center | St. Gabriel | LA | State prison | 264 |
| 786 | Graham Correctional Center | Hillsboro | IL | State prison | 226 |
| 800 | Centralia Correctional Center | Centralia | IL | State prison | 208 |
| 800 | North Facility | New York | NY | City jail | 380 |
| 810 | Brooklyn Correctional Facility | New York | NY | City jail | 364 |
| 837 | Trenton State Prison | Trenton | NJ | State prison | 346 |
| 848 | Hamilton County Justice Complex | Hamilton County | OH | County complex | 396 |
| 850 | Clark County Detention Center | Clark County | NV | County jail | 334 |
| 907 | Federal Detention Center | Oakdale | LA | Federal complex | 260 |
| 926 | Shawnee Correctional Center | Vienna | IL | State prison | 236 |
| 929 | Martin Correctional Institution | Indiantown | FL | State prison | 188 |
| 941 | Danville Correctional Center | Danville | IL | State prison | 212 |
| 994 | West Jefferson Correctional Facility | Bessemer | AL | State prison | 58 |
| 1,000 | California Correctional Institution | Tehachapi | CA | State prison | 108 |
| 1,034 | Madison Correctional Institution | London | OH | State prison | 400 |
| 1,060 | Jester Unit Number 3 | Richmond | TX | State prison | 502 |
| 1,100 | Farmington Correctional Center | Farmington | MO | State prison | 310 |
| 1,101 | Wallace Pack Unit I | Navasota | TX | State prison | 528 |
| 1,103 | Beto II Unit | Palestine | TX | State prison | 464 |
| 1,106 | Southern State Correctional Facility: Modular Units (Phase I and II) | Delmont | NJ | State prison | 344 |

| Inmates | Facility name | County/City | State | Facility type | Page |
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| 1,139 | Orange County Sheriff's Intake Release Center | Orange County | CA | County jail | 126 |
| 1,162 | Lew Sterrett Justice Center | Dallas County/Dallas | TX | County and city jails | 506 |
| 1,182 | Washington Correctional Institute | Angie | LA | State prison | 268 |
| 1,200 | Arizona State Prison—Perryville | Goodyear | AZ | State prison | 80 |
| 1,224 | Shelby County Justice Center | Shelby County/Memphis | TN | County and city complex | 458 |
| 1,274 | Ross Correctional Institution | Chillicothe | OH | State prison | 406 |
| 1,344 | Darrington Unit | Rosharon | TX | State prison | 478 |
| 1,364 | Wallace Pack Unit II | Navasota | TX | State prison | 530 |
| 1,440 | Eastern Correctional Institution | Westover | MD | State prison | 276 |
| 1,576 | Mississippi State Penitentiary—Unit 29 | Parchman | MS | State prison | 304 |
| 1,900 | Rikers Island: Modular Units | New York | NY | City jail | 382 |
| 2,200 | Richard J. Donovan Correctional Facility at Rock Mountain | San Diego | CA | State prison | 134 |
| 2,358 | Ellis II Unit (Phase I and II) | Huntsville | TX | State prison | 482 |
| 2,404 | California Medical Facility—South | Vacaville | CA | State prison | 110 |
| 3,264 | California State Prison—Sacramento County/Folsom | Represa | CA | State prison | 112 |
| 3,783 | Coffield Unit | Tennessee Colony | TX | State prison | 474 |
| 4,188 | Beto I Unit | Tennessee Colony | TX | State prison | 462 |

| Category | State | Facility name | Facility type | Page |
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| Expansion project | AK | Cook Inlet Pre-Trial Facility Phase II | State pre-trial facility | 62 |
| Expansion project | AK | Fairbanks Correctional Center | State prison | 64 |
| Expansion project | AR | Cummins Unit—Medium Security | State prison | 98 |
| Expansion project | AR | Clark County Detention Facility | County complex | 96 |
| Expansion project | AZ | Arizona State Prison—Perryville | State prison | 80 |
| Expansion project | CA | Orange County Sheriff's Intake Release Center | County jail | 126 |
| Expansion project | CA | San Joaquin County Honor Farm Women's Minimum Security Facility | County jail | 136 |
| Expansion project | CA | Santa Barbara County Main Jail | County jail | 138 |
| Expansion project | CO | Garfield County Jail | County jail | 166 |
| Expansion project | FL | Alachua County Corrections Facility | County jail | 178 |
| Expansion project | FL | Leon County Jail | County jail | 182 |
| Expansion project | FL | Santa Rosa County Jail | County complex | 192 |
| Expansion project | GA | Dooly County Jail | County jail | 202 |
| Expansion project | MD | Montgomery County Detention Center | County complex | 278 |
| Expansion project | MI | Grand Traverse County Correctional Facility | County and city complex | 292 |
| Expansion project | MI | Macomb County Jail | County jail | 294 |
| Expansion project | MT | Pondera County Jail | County complex | 324 |
| Expansion project | NM | Youth Diagnostic and Development Center—Phase III | Youth detention facility | 362 |
| Expansion project | NY | Erie County Holding Center | County jail | 370 |
| Expansion project | NY | Masten Park Secure Center | State secure center for youth | 378 |
| Expansion project | OK | Oklahoma State Penitentiary | State prison | 422 |
| Expansion project | PA | Blair County Prison | County jail | 432 |
| Expansion project | TX | Darrington Unit | State prison | 478 |
| Expansion project | TX | Ferguson Unit | State prison | 488 |
| Expansion project | TX | Fort Bend County Jail | County jail | 490 |
| Expansion project | TX | Harris County Juvenile Detention Home | County complex | 496 |
| Expansion project | TX | Hidalgo County Jail | County jail | 498 |
| Expansion project | TX | Liberty County Jail | County complex | 508 |
| Expansion project | VA | Augusta County Jail | County jail | 546 |
| Expansion project | VA | Fairfax County Adult Detention Center and Pre-Release Center | County complex | 548 |
| Expansion project | VT | Northwest State Correctional Facility | State prison | 540 |
| Expansion project | WA | Thurston County Corrections Facility | County complex | 560 |
| New, ancillary building | AK | Hiland Mountain Correctional Center | State prison | 66 |
| New, ancillary building | AK | Meadow Creek Correctional Center | State prison | 70 |
| New, ancillary building | AZ | Arizona State Prison—Florence | State prison | 78 |
| New, ancillary building | AZ | Pima County Adult Detention Center | County jail | 90 |
| New, ancillary building | AZ | Sacaton Juvenile Rehabilitation Center | Juvenile rehabilitation center | 94 |
| New, ancillary building | CA | Elmwood—Barracks 24 | County jail | 116 |
| New, ancillary building | CA | Lacy Security Facility | County jail | 122 |
| New, ancillary building | CA | Orange County Sheriff's Intake Release Center | County jail | 126 |
| New, ancillary building | CA | Placer County Jail | County complex | 128 |
| New, ancillary building | CA | Sonoma North County Detention Facility | County jail | 146 |
| New, ancillary building | CO | Delta County Criminal Justice Facility | County complex | 164 |
| New, ancillary building | CO | Pitkin County Jail | County complex | 168 |
| New, ancillary building | CT | Bridgeport Correctional Center: Modular Units | State prison | 172 |
| New, ancillary building | CT | J. Bernard Gates Correctional Unit | State jail | 174 |
| New, ancillary building | DE | Delaware Correctional Center (Maximum Security) | State prison | 176 |
| New, ancillary building | FL | Federal Correctional Institution | Federal prison | 180 |

| Category | State | Facility name | Facility type | Page |
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| New, ancillary building | FL | Leon County Justice Complex | County complex | 184 |
| New, ancillary building | FL | Pinellas County Jail—Medium Security Facility | County jail | 190 |
| New, ancillary building | FL | Seminole County Correctional Facility | County jail | 194 |
| New, ancillary building | FL | Union Correctional Institution | State prison | 198 |
| New, ancillary building | HI | Maui Community Correctional Center | County and city jails/State prison | 206 |
| New, ancillary building | IL | Centralia Correctional Center | State prison | 208 |
| New, ancillary building | IL | Cook County Medical and Psychiatric Facility—RTU Building | County jail | 210 |
| New, ancillary building | IL | Dixon Correctional Center | State prison | 214 |
| New, ancillary building | IL | Dwight Correctional Center (1979 Addition) | State prison | 220 |
| New, ancillary building | IL | Dwight Correctional Center (1984 Addition) | State prison | 222 |
| New, ancillary building | IL | East Moline Correctional Center | State prison | 224 |
| New, ancillary building | IL | Graham Correctional Center | State prison | 226 |
| New, ancillary building | IL | Illinois Youth Center—Kankakee (Dining Facility) | Juvenile correctional facility | 228 |
| New, ancillary building | IL | Illinois Youth Center—Kankakee (Housing Unit) | Juvenile correctional facility | 230 |
| New, ancillary building | IL | Shawnee Correctional Center | State prison | 236 |
| New, ancillary building | IL | Sheridan Correctional Center (Kitchen/Dining Facility) | State prison | 238 |
| New, ancillary building | IL | Sheridan Correctional Center (Medical/Security Services) | State prison | 240 |
| New, ancillary building | IN | Marion County Jail | County complex | 242 |
| New, ancillary building | KS | Kansas State Penitentiary (Phase One) | State prison | 250 |
| New, ancillary building | KY | Federal Correctional Institution | Federal prison | 254 |
| New, ancillary building | LA | Feliciana Forensic Facility | State complex | 262 |
| New, ancillary building | LA | Hunt Correctional Center | State prison | 264 |
| New, ancillary building | LA | Louisiana Correctional Institute for Women | State prison | 266 |
| New, ancillary building | MA | Massachusetts Correctional Institution Norfolk | State prison | 288 |
| New, ancillary building | MD | Baltimore City Jail | City jail | 274 |
| New, ancillary building | MI | State Prison of Southern Michigan | State prison hospital | 296 |
| New, ancillary building | MN | Minnesota Supervised Living Facility | State prison | 300 |
| New, ancillary building | MO | Farmington Correctional Center | State prison | 310 |
| New, ancillary building | MT | Jefferson County Criminal Justice Center | County complex | 320 |
| New, ancillary building | NC | North Carolina Central Prison | State prison | 388 |
| New, ancillary building | NE | Nebraska State Penitentiary | State prison | 332 |
| New, ancillary building | NJ | Trenton State Prison | State prison | 346 |
| New, ancillary building | NM | Youth Diagnostic and Development Center—Phase III | Youth detention facility | 362 |
| New, ancillary building | NY | Rikers Island: Modular Units | City jail | 382 |
| New, ancillary building | OH | Ohio Reformatory for Women | State prison | 402 |
| New, ancillary building | OK | Lexington Assessment & Reception Center | State prison | 414 |
| New, ancillary building | OK | Mabel Bassett Correctional Center | State prison | 418 |
| New, ancillary building | OK | Oklahoma State Penitentiary | State prison | 422 |
| New, ancillary building | OK | Ouachita Correctional Center | State prison | 424 |
| New, ancillary building | PA | State Regional Correctional Facility at Mercer | State prison | 442 |
| New, ancillary building | SC | Gilliam Psychiatric Center | State prison | 450 |
| New, ancillary building | TN | Nashville Community Service Center | State prison | 456 |
| New, ancillary building | TX | Darrington Unit | State prison | 478 |
| New, ancillary building | TX | Diagnostic Unit | State prison | 480 |
| New, ancillary building | TX | Mountain View Unit | State prison | 512 |
| New, ancillary building | TX | Orange County Jail | County complex | 514 |
| New, ancillary building | TX | Victoria County Jail | County complex | 526 |

| Category | State | Facility name | Facility type | Page |
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| New, ancillary building | WA | Forks City Jail | City complex | 556 |
| New, ancillary building | WA | Washington Corrections Center Intensive Management Unit | State prison | 564 |
| New, independent facility | AK | Cook Inlet Pre-Trial Facility | State detention facility | 60 |
| New, independent facility | AK | Mat-su Pre-Trial Facility | State prison | 68 |
| New, independent facility | AK | Palmer Correctional Center Medium Security Facility | State prison | 72 |
| New, independent facility | AK | Yukon-Kuskokwim Correctional Center | State prison | 76 |
| New, independent facility | AL | Federal Correctional Institution | Federal prison | 54 |
| New, independent facility | AL | Jefferson County Jail | County jail | 56 |
| New, independent facility | AL | West Jefferson Correctional Facility | State prison | 58 |
| New, independent facility | AR | Garland County Detention Facility | County jail | 100 |
| New, independent facility | AR | Maximum Security Unit, Tucker Unit | State prison | 102 |
| New, independent facility | AR | Saline County Detention Facility | County jail | 104 |
| New, independent facility | AZ | Arizona State Prison—Perryville | State prison | 80 |
| New, independent facility | AZ | Cochise County Jail | County jail | 82 |
| New, independent facility | AZ | Federal Correctional Institution (Phoenix) | Federal prison | 84 |
| New, independent facility | AZ | Federal Correctional Institution (Tucson) | Federal prison | 86 |
| New, independent facility | AZ | Pima County Adult Detention Center | County jail | 88 |
| New, independent facility | AZ | Pinal Mountain Juvenile Institution | Juvenile correctional facility | 92 |
| New, independent facility | CA | Alameda County North County Jail | County jail | 106 |
| New, independent facility | CA | California Correctional Institution | State prison | 108 |
| New, independent facility | CA | California Medical Facility—South | State prison | 110 |
| New, independent facility | CA | California State Prison—Sacramento County/Folsom | State prison | 112 |
| New, independent facility | CA | Contra Costa County Detention Facility | County complex | 114 |
| New, independent facility | CA | Foothill Communities Law & Justice Center | County complex | 118 |
| New, independent facility | CA | Kings County Branch Jail | County jail | 120 |
| New, independent facility | CA | Pre-Trial Detention Facility | County complex | 132 |
| New, independent facility | CA | Richard J. Donovan Correctional Facility at Rock Mountain | State prison | 134 |
| New, independent facility | CA | Santa Cruz County Jail (Phase I) | County jail | 140 |
| New, independent facility | CA | Sequoia Field Detention Facility | County jail | 142 |
| New, independent facility | CA | Shasta County Justice Center | County complex | 144 |
| New, independent facility | CA | Sunnyvale Public Safety Building and Temporary Holding Facility | City complex | 150 |
| New, independent facility | CA | Torrance Police Department | City complex | 152 |
| New, independent facility | CO | Adams County Detention Facility | County jail | 158 |
| New, independent facility | CO | Alamosa County Law Enforcement Center | County complex | 160 |
| New, independent facility | CO | Arkansas Valley Correctional Facility | State prison | 162 |
| New, independent facility | CO | Summit County Justice Center | County complex | 170 |
| New, independent facility | FL | Marion County Detention Center | County jail | 186 |
| New, independent facility | FL | Martin Correctional Institution | State prison | 188 |
| New, independent facility | FL | South Florida Reception Center | State prison | 196 |
| New, independent facility | GA | Clarke County Correctional Institution | County jail | 200 |
| New, independent facility | GA | Richmond County Law Enforcement and Justice Center | County complex | 204 |
| New, independent facility | IA | Polk County Jail | County jail | 244 |
| New, independent facility | IA | Woodbury Law Enforcement Center | County complex | 246 |
| New, independent facility | IL | Danville Correctional Center | State prison | 212 |
| New, independent facility | IL | Douglas County Jail | County complex | 216 |
| New, independent facility | IL | DuPage County Jail and Sheriff's Department | County complex | 218 |
| New, independent facility | IL | Peoria County Adult Detention and Work Release Facility | County complex | 232 |

| Category | State | Facility name | Facility type | Page |
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| New, independent facility | IL | Rock Island County Jail | County complex | 234 |
| New, independent facility | KS | Johnson County Juvenile Hall | Juvenile detention facility | 248 |
| New, independent facility | KS | Shawnee County Department of Corrections | County complex | 252 |
| New, independent facility | KY | Knox County Jail | County jail | 256 |
| New, independent facility | LA | Federal Detention Center | Federal complex | 260 |
| New, independent facility | LA | Washington Correctional Institute | State prison | 268 |
| New, independent facility | MD | Baltimore City Correctional Center | State prison | 272 |
| New, independent facility | MD | Eastern Correctional Institution | State prison | 276 |
| New, independent facility | MD | Prince George's County Correctional Center | County jail | 280 |
| New, independent facility | MD | Somerset County Detention Center | County jail | 282 |
| New, independent facility | MD | Washington County Detention Center | County jail | 284 |
| New, independent facility | ME | Franklin County Detention/Law Enforcement Facility | County complex | 270 |
| New, independent facility | MI | Correction Camp Cusino | State prison | 290 |
| New, independent facility | MN | Hennepin County Juvenile Detention Center | Juvenile detention facility | 298 |
| New, independent facility | MO | Clay County Detention Center | County jail | 308 |
| New, independent facility | MO | Fulton Reception and Diagnostic Center, Phase I | State prison | 312 |
| New, independent facility | MO | Jackson County Detention Center | County complex | 314 |
| New, independent facility | MO | Missouri Eastern Correctional Center | State prison | 316 |
| New, independent facility | MS | Jackson County Adult Detention Center | County jail | 302 |
| New, independent facility | MS | Mississippi State Penitentiary—Unit 29 | State prison | 304 |
| New, independent facility | MS | Tunica County Jail and Sheriff's Department | County complex | 306 |
| New, independent facility | MT | Chouteau County Law Enforcement Facility | County complex | 318 |
| New, independent facility | MT | Lewis and Clark County Criminal Justice Facility | County complex | 322 |
| New, independent facility | MT | Yellowstone County Detention Facility | County complex | 326 |
| New, independent facility | NC | Craven County Law Enforcement Center | County complex | 384 |
| New, independent facility | NC | Eastern Correctional Center | State prison | 386 |
| New, independent facility | NC | Southern Correctional Center | State prison | 390 |
| New, independent facility | NE | Dodge County Judicial Center | County complex | 328 |
| New, independent facility | NE | Douglas County Correctional Center | County jail | 330 |
| New, independent facility | NJ | Camden County Correctional Facility | County jail | 336 |
| New, independent facility | NJ | Gerald L. Gormley Justice Facility | County complex | 338 |
| New, independent facility | NJ | Middlesex County Correctional Facility | County jail | 340 |
| New, independent facility | NJ | Ocean County Justice Complex | County complex | 342 |
| New, independent facility | NJ | Southern State Correctional Facility: Modular Units (Phase I and II) | State prison | 344 |
| New, independent facility | NJ | Warren County Correctional Center | County jail | 348 |
| New, independent facility | NM | Bernalillo County Detention Center (South Tower) | County jail | 350 |
| New, independent facility | NM | Central New Mexico Correctional Facility | State prison | 352 |
| New, independent facility | NM | Penitentiary of New Mexico | State prison | 354 |
| New, independent facility | NM | Southern New Mexico Correctional Facility | State prison | 356 |
| New, independent facility | NM | Western New Mexico Correctional Facility | State prison | 358 |
| New, independent facility | NM | Youth Diagnostic and Development Center | Youth detention facility | 360 |
| New, independent facility | NV | Clark County Detention Center | County jail | 334 |
| New, independent facility | NY | Erie County Correctional Facility | County jail | 368 |
| New, independent facility | NY | Federal Correctional Institution (Otisville) | Federal prison | 372 |
| New, independent facility | NY | Federal Correctional Institution (Ray Brook) | Federal prison | 374 |
| New, independent facility | NY | North Facility | City jail | 380 |
| New, independent facility | OH | Ashtabula County Justice Center | County complex | 392 |

| Category | State | Facility name | Facility type | Page |
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| New, independent facility | OH | Clermont County Jail | County jail | 394 |
| New, independent facility | OH | Hamilton County Justice Complex | County complex | 396 |
| New, independent facility | OH | Logan County Jail and Office Complex | County complex | 398 |
| New, independent facility | OH | Madison Correctional Institution | State prison | 400 |
| New, independent facility | OH | Ottawa County Detention Facility | County complex | 404 |
| New, independent facility | OH | Ross Correctional Institution | State prison | 406 |
| New, independent facility | OH | Wayne County Justice Center | County complex | 408 |
| New, independent facility | OK | Cleveland County Detention Center | County complex | 410 |
| New, independent facility | OK | Kay County Detention Facility | County complex | 412 |
| New, independent facility | OK | Lexington Assessment & Reception Center, Phase I and II | State prison | 416 |
| New, independent facility | OK | Muskogee County/City Detention Facility | County and city jails | 420 |
| New, independent facility | OR | Jackson County Jail | County jail | 426 |
| New, independent facility | OR | Justice Center | County complex | 428 |
| New, independent facility | PA | Lycoming County Prison | County jail | 434 |
| New, independent facility | PA | Philadelphia Industrial Correctional Center | County and city jails | 436 |
| New, independent facility | PA | Schuylkill County Prison | County jail | 438 |
| New, independent facility | PA | State Correctional Institution at Smithfield | State prison | 440 |
| New, independent facility | PA | Warren County Jail | County jail | 444 |
| New, independent facility | PA | Wyoming County Jail | County jail | 446 |
| New, independent facility | SC | Lieber Correctional Institution | State prison | 452 |
| New, independent facility | SC | Myrtle Beach Law Enforcement Center | City complex | 454 |
| New, independent facility | TN | Shelby County Justice Center | County complex | 458 |
| New, independent facility | TX | Austin County Jail | County complex | 460 |
| New, independent facility | TX | Beto I Unit | State prison | 462 |
| New, independent facility | TX | Beto II Unit | State prison | 464 |
| New, independent facility | TX | Bexar County Juvenile Center | County complex | 466 |
| New, independent facility | TX | Brazoria County Sheriff's Department Detention Center II | County jail | 468 |
| New, independent facility | TX | Cameron County Detention Center | County jail | 470 |
| New, independent facility | TX | Chambers County Law Enforcement Center | County complex | 472 |
| New, independent facility | TX | Coffield Unit | State prison | 474 |
| New, independent facility | TX | Comal County Jail | County complex | 476 |
| New, independent facility | TX | Ellis II Unit (Phase I and II) | State prison | 482 |
| New, independent facility | TX | Fayette County Detention Center | County complex | 484 |
| New, independent facility | TX | Federal Correctional Institution | Federal prison | 486 |
| New, independent facility | TX | Fort Bend County Jail | County complex | 490 |
| New, independent facility | TX | Freeport Police and Courts Building | City complex | 494 |
| New, independent facility | TX | Hunt County Criminal Justice Center | County complex | 500 |
| New, independent facility | TX | Jester Unit Number 3 | State prison | 502 |
| New, independent facility | TX | Katy Police Department | City complex | 504 |
| New, independent facility | TX | Low Sterrett Justice Center | County and city jails | 506 |
| New, independent facility | TX | Missouri City Police Department | City complex | 510 |
| New, independent facility | TX | Pearland Public Safety Building | City complex | 516 |
| New, independent facility | TX | San Patricio County Sheriff's Department | County complex | 518 |
| New, independent facility | TX | Smith County Jail | County jail | 520 |
| New, independent facility | TX | Starr County Jail | County jail | 522 |
| New, independent facility | TX | TDC Hospital at Galveston | State prison hospital | 524 |
| New, independent facility | TX | Wallace Pack Unit I | State prison | 528 |
| New, independent facility | TX | Wallace Pack Unit II | State prison | 530 |

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| New, independent facility | TX | Westwide Police Area Command Station | City complex | 532 |
| New, independent facility | UT | Orange Street Community Correctional Center | State correctional facility | 534 |
| New, independent facility | UT | Uintah County Jail | County jail | 536 |
| New, independent facility | UT | Young Adult Correctional Facility | State prison | 538 |
| New, independent facility | VA | Alexandria Detention Center | City complex | 544 |
| New, independent facility | VA | Pittsylvania County Jail | County jail | 550 |
| New, independent facility | VA | Roanoke City Jail | City complex | 552 |
| New, independent facility | VT | St. Johnsbury Community Correctional Center | County jail/State prison | 542 |
| New, independent facility | WA | Benton County Justice Center | County complex | 554 |
| New, independent facility | WA | Jefferson County Correctional Facility | County complex | 558 |
| New, independent facility | WA | Twin Rivers Corrections Center | State prison | 562 |
| New, independent facility | WA | Whitman County Correctional Facility | County complex | 566 |
| New, independent facility | WI | Burnett County Government Center | County complex | 570 |
| New, independent facility | WI | Columbia Correctional Institution | State prison | 572 |
| New, independent facility | WI | Oshkosh Correctional Institution | State prison | 574 |
| New, independent facility | WI | Rusk County Law Enforcement Facility | County complex | 576 |
| New, independent facility | WV | Ohio County Correctional Center | County and city complex | 568 |
| Phased project (future) | CA | Placer County Jail | County complex | 128 |
| Phased project (future) | CA | Sonoma North County Detention Facility | County jail | 146 |
| Phased project (future) | CO | Pitkin County Jail | County complex | 168 |
| Phased project (future) | KS | Kansas State Penitentiary (Phase One) | State prison | 250 |
| Phased project (future) | OH | Ottawa County Detention Facility | County complex | 404 |
| Phased project (future) | MI | Correction Camp Cusino | State prison | 290 |
| Phased project (future) | PA | Philadelphia Industrial Correctional Center | County and city jails | 436 |
| Phased project (future) | TX | Lew Sterrett Justice Center | County and city jails | 506 |
| Phased project (future) | TX | Orange County Jail | County complex | 514 |
| Phased project (future) | TX | Victoria County Jail | County complex | 526 |
| Phased project (future) | VA | Roanoke City Jail | City complex | 552 |
| Phased project (past) | AK | Cook Inlet Pre-Trial Facility Phase II | State pre-trial facility | 62 |
| Phased project (past) | AZ | Arizona State Prison—Perryville | State prison | 80 |
| Phased project (past) | NY | Elmira Correctional & Reception Center Food Service & Dining Facility | State prison | 366 |
| Phased project (past) | SC | Clemson Police Department | City complex | 448 |
| Remodeling/renovation | AK | Fairbanks Correctional Center | State prison | 64 |
| Remodeling/renovation | AK | Wildwood Correctional Center | State prison | 74 |
| Remodeling/renovation | AR | Cummins Unit—Medium Security | State prison | 98 |
| Remodeling/renovation | CA | Nevada County Detention Center | Restitution center | 124 |
| Remodeling/renovation | CA | Orange County Sheriff's Intake Release Center | County jail | 126 |
| Remodeling/renovation | CA | Plumas County Sheriff's Department & Detention Facility | County jail | 130 |
| Remodeling/renovation | CA | Sonoma North County Detention Facility | County jail | 146 |
| Remodeling/renovation | CA | Stanislaus County Jail | County complex | 148 |
| Remodeling/renovation | CA | Tuolumne County Jail | County jail | 154 |
| Remodeling/renovation | CA | Yuba County Jail | County jail | 156 |
| Remodeling/renovation | FL | Alachua County Corrections Facility | County jail | 178 |
| Remodeling/renovation | FL | Santa Rosa County Jail | County complex | 192 |
| Remodeling/renovation | FL | Seminole County Correctional Facility | County jail | 194 |
| Remodeling/renovation | IN | Marion County Jail | County complex | 242 |
| Remodeling/renovation | LA | Dixon Correctional Institute | State prison | 258 |
| Remodeling/renovation | MA | Longwood Treatment Center | Treatment facility | 286 |

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| Remodeling/renovation | MD | Montgomery County Detention Center | County complex | 278 |
| Remodeling/renovation | MI | Grand Traverse County Correctional Facility | County and city complex | 292 |
| Remodeling/renovation | MI | Macomb County Jail | County jail | 294 |
| Remodeling/renovation | MO | Farmington Correctional Center | State prison | 310 |
| Remodeling/renovation | MT | Pondera County Jail | County complex | 324 |
| Remodeling/renovation | NJ | Trenton State Prison | State prison | 346 |
| Remodeling/renovation | NY | Brooklyn Correctional Facility | City jail | 364 |
| Remodeling/renovation | NY | Elmira Correctional & Reception Center Food Service & Dining Facility | State prison | 366 |
| Remodeling/renovation | NY | Erie County Holding Center | County jail | 370 |
| Remodeling/renovation | NY | Kirby Forensic Psychiatric Center | State treatment center | 376 |
| Remodeling/renovation | NY | Masten Park Secure Center | State center for youth | 378 |
| Remodeling/renovation | OK | Oklahoma State Penitentiary | State prison | 422 |
| Remodeling/renovation | PA | Allegheny County Jail Annex | County jail | 430 |
| Remodeling/renovation | PA | Schuylkill County Prison | County jail | 438 |
| Remodeling/renovation | SC | Clemson Police Department | City complex | 448 |
| Remodeling/renovation | TX | Darrington Unit | State prison | 478 |
| Remodeling/renovation | TX | Ferguson Unit | State prison | 488 |
| Remodeling/renovation | TX | Harris County Juvenile Detention Home | County complex | 496 |
| Remodeling/renovation | TX | Liberty County Jail | County complex | 508 |
| Remodeling/renovation | WA | Thurston County Corrections Facility | County complex | 560 |
| Temporary housing | AZ | Arizona State Prison—Perryville | State prison | 80 |
| Temporary housing | CA | Placer County Jail | County complex | 128 |
| Temporary housing | CT | J. Bernard Gates Correctional Unit | State jail | 174 |
| Temporary housing | FL | Alachua County Corrections Facility | County jail | 178 |



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| Adams County Detention Facility | CO | County jail | 158 |
| Alachua County Corrections Facility | FL | County jail | 178 |
| Alameda County North County Jail | CA | County jail | 106 |
| Alamosa County Law Enforcement Center | CO | County complex | 160 |
| Alexandria Detention Center | VA | City complex | 544 |
| Allegheny County Jail Annex | PA | County jail | 430 |
| Arizona State Prison—Florence | AZ | State prison | 78 |
| Arizona State Prison—Perryville | AZ | State prison | 80 |
| Arkansas Valley Correctional Facility | CO | State prison | 162 |
| Ashtabula County Justice Center | OH | County complex | 392 |
| Augusta County Jail | VA | County jail | 546 |
| Austin County Jail | TX | County complex | 460 |
| Baltimore City Correctional Center | MD | State prison | 272 |
| Baltimore City Jail | MD | City jail | 274 |
| Benton County Justice Center | WA | County complex | 554 |
| Bernalillo County Detention Center (South Tower) | NM | County jail | 350 |
| Beto I Unit | TX | State prison | 462 |
| Beto II Unit | TX | State prison | 464 |
| Bexar County Juvenile Center | TX | County complex | 466 |
| Blair County Prison | PA | County jail | 432 |
| Brazoria County Sheriff's Department Detention Center II | TX | County jail | 468 |
| Bridgeport Correctional Center: Modular Units | CT | State prison | 172 |
| Brooklyn Correctional Facility | NY | City jail | 364 |
| Burnett County Government Center | WI | County complex | 570 |
| California Correctional Institution | CA | State prison | 108 |
| California Medical Facility—South | CA | State prison | 110 |
| California State Prison—Sacramento County/Folsom | CA | State prison | 112 |
| Camden County Correctional Facility | NJ | County jail | 336 |
| Cameron County Detention Center | TX | County jail | 470 |
| Central New Mexico Correctional Facility | NM | State prison | 352 |
| Centralia Correctional Center | IL | State prison | 208 |
| Chambers County Law Enforcement Center | TX | County complex | 472 |
| Chouteau County Law Enforcement Facility | MT | County complex | 318 |
| Clark County Detention Center | NV | County jail | 334 |
| Clark County Detention Facility | AR | County complex | 96 |
| Clarke County Correctional Institution | GA | County jail | 200 |
| Clay County Detention Center | MO | County jail | 308 |
| Clemson Police Department | SC | City complex | 448 |
| Clermont County Jail | OH | County jail | 394 |
| Cleveland County Detention Center | OK | County complex | 410 |
| Cochise County Jail | AZ | County jail | 82 |
| Coffield Unit | TX | State prison | 474 |
| Columbia Correctional Institution | WI | State prison | 572 |
| Comal County Jail | TX | County jail | 476 |
| Contra Costa County Detention Facility | CA | County complex | 114 |
| Cook County Medical and Psychiatric Facility—RTU Building | IL | County jail | 210 |
| Cook Inlet Pre-Trial Facility | AK | State detention facility | 60 |
| Cook Inlet Pre-Trial Facility Phase II | AK | State pre-trial facility | 62 |
| Correction Camp Cusino | MI | State prison | 290 |
| Craven County Law Enforcement Center | NC | County complex | 384 |

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| Cummins Unit—Medium Security | AR | State prison | 98 |
| Danville Correctional Center | IL | State prison | 212 |
| Darrington Unit | TX | State prison | 478 |
| Delaware Correctional Center (Maximum Security) | DE | State prison | 176 |
| Delta County Criminal Justice Facility | CO | County complex | 164 |
| Diagnostic Unit | TX | State prison | 480 |
| Dixon Correctional Center | IL | State prison | 214 |
| Dixon Correctional Institute | LA | State prison | 258 |
| Dodge County Judicial Center | NE | County complex | 328 |
| Dooly County Jail | GA | County jail | 202 |
| Douglas County Correctional Center | NE | County jail | 330 |
| Douglas County Jail | IL | County complex | 216 |
| DuPage County Jail and Sheriff's Department | IL | County complex | 218 |
| Dwight Correctional Center (1979 Addition) | IL | State prison | 220 |
| Dwight Correctional Center (1984 Addition) | IL | State prison | 222 |
| East Moline Correctional Center | IL | State prison | 224 |
| Eastern Correctional Center | NC | State prison | 386 |
| Eastern Correctional Institution | MD | State prison | 276 |
| Ellis II Unit (Phase I and II) | TX | State prison | 482 |
| Elmira Correctional & Reception Center Food Service & Dining Facility | NY | State prison | 366 |
| Elmwood—Barracks 24 | CA | County jail | 116 |
| Erie County Correctional Facility | NY | County jail | 368 |
| Erie County Holding Center | NY | County jail | 370 |
| Fairbanks Correctional Center | AK | State prison | 64 |
| Fairfax County Adult Detention Center and Pre-Release Center | VA | County complex | 548 |
| Farmington Correctional Center | MO | State prison | 310 |
| Fayette County Detention Center | TX | County complex | 484 |
| Federal Correctional Institution | AL | Federal prison | 54 |
| Federal Correctional Institution (Phoenix) | AZ | Federal prison | 84 |
| Federal Correctional Institution (Tucson) | AZ | Federal prison | 86 |
| Federal Correctional Institution | FL | Federal prison | 180 |
| Federal Correctional Institution | KY | Federal prison | 254 |
| Federal Correctional Institution (Otisville) | NY | Federal prison | 372 |
| Federal Correctional Institution (Ray Brook) | NY | Federal prison | 374 |
| Federal Correctional Institution | TX | Federal prison | 486 |
| Federal Detention Center | LA | Federal complex | 260 |
| Feliciana Forensic Facility | LA | State complex | 262 |
| Ferguson Unit | TX | State prison | 488 |
| Foothill Communities Law & Justice Center | CA | County complex | 118 |
| Forks City Jail | WA | City complex | 556 |
| Fort Bend County Jail | TX | County complex | 490 |
| Fort Bend County Jail (Expansion) | TX | County jail | 492 |
| Franklin County Detention/Law Enforcement Facility | ME | County complex | 270 |
| Freeport Police and Courts Building | TX | City complex | 494 |
| Fulton Reception and Diagnostic Center, Phase I | MO | State prison | 312 |
| Garfield County Jail | CO | County jail | 166 |
| Garland County Detention Facility | AR | County jail | 100 |
| Gerald L. Gormley Justice Facility | NJ | County complex | 338 |
| Gilliam Psychiatric Center | SC | State prison | 450 |

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| Graham Correctional Center | IL | State prison | 226 |
| Grand Traverse County Correctional Facility | MI | County and city complex | 292 |
| Hamilton County Justice Complex | OH | County complex | 396 |
| Harris County Juvenile Detention Home | TX | County complex | 496 |
| Hennepin County Juvenile Detention Center | MN | Juvenile detention facility | 298 |
| Hidalgo County Jail | TX | County jail | 498 |
| Hiland Mountain Correctional Center | AK | State prison | 66 |
| Hunt Correctional Center | LA | State prison | 264 |
| Hunt County Criminal Justice Center | TX | County complex | 500 |
| Illinois Youth Center—Kankakee (Dining Facility) | IL | Juvenile correctional facility | 228 |
| Illinois Youth Center—Kankakee (Housing Unit) | IL | Juvenile correctional facility | 230 |
| J. Bernard Gates Correctional Unit | CT | State jail | 174 |
| Jackson County Adult Detention Center | MS | County jail | 302 |
| Jackson County Detention Center | MO | County complex | 314 |
| Jackson County Jail | OR | County jail | 426 |
| Jefferson County Correctional Facility | WA | County complex | 558 |
| Jefferson County Criminal Justice Center | MT | County complex | 320 |
| Jefferson County Jail | AL | County jail | 56 |
| Jester Unit Number 3 | TX | State prison | 502 |
| Johnson County Juvenile Hall | KS | Juvenile detention facility | 248 |
| Justice Center | OR | County complex | 428 |
| Kansas State Penitentiary (Phase One) | KS | State prison | 250 |
| Katy Police Department | TX | City complex | 504 |
| Kay County Detention Facility | OK | County complex | 412 |
| Kings County Branch Jail | CA | County jail | 120 |
| Kirby Forensic Psychiatric Center | NY | State treatment center | 376 |
| Knox County Jail | KY | County jail | 256 |
| Lacy Security Facility | CA | County jail | 122 |
| Leon County Jail | FL | County jail | 182 |
| Leon County Justice Complex | FL | County complex | 184 |
| Lew Sterrett Justice Center | TX | County and city jails | 506 |
| Lewis and Clark County Criminal Justice Facility | MT | County complex | 322 |
| Lexington Assessment & Reception Center | OK | State prison | 414 |
| Lexington Assessment & Reception Center, Phase I and II | OK | State prison | 416 |
| Liberty County Jail | TX | County complex | 508 |
| Lieber Correctional Institution | SC | State prison | 452 |
| Logan County Jail and Office Complex | OH | County complex | 398 |
| Longwood Treatment Center | MA | Treatment facility | 286 |
| Louisiana Correctional Institute for Women | LA | State prison | 266 |
| Lycoming County Prison | PA | County jail | 434 |
| Mabel Bassett Correctional Center | OK | State prison | 418 |
| Macomb County Jail | MI | County jail | 294 |
| Madison Correctional Institution | OH | State prison | 400 |
| Marion County Detention Center | FL | County jail | 186 |
| Marion County Jail | IN | County complex | 242 |
| Martin Correctional Institution | FL | State prison | 188 |
| Massachusetts Correctional Institution Norfolk | MA | State prison | 288 |
| Masten Park Secure Center | NY | State center for youth | 378 |
| Mat-su Pre-Trial Facility | AK | State prison | 68 |
| Maui Community Correctional Center | HI | County and city jails/State prison | 206 |

| Facility name | State | Facility type | Page |
|---|--------------|--------------------------------|-------------|
| Maximum Security Unit, Tucker Unit | AR | State prison | 102 |
| Meadow Creek Correctional Center | AK | State prison | 70 |
| Middlesex County Correctional Facility | NJ | County jail | 340 |
| Minnesota Supervised Living Facility | MN | State prison | 300 |
| Mississippi State Penitentiary—Unit 29 | MS | State prison | 304 |
| Missouri City Police Department | TX | City complex | 510 |
| Missouri Eastern Correctional Center | MO | State prison | 316 |
| Montgomery County Detention Center | MD | County complex | 278 |
| Mountain View Unit | TX | State prison | 512 |
| Muskogee County/City Detention Facility | OK | County and city jails | 420 |
| Myrtle Beach Law Enforcement Center | SC | City complex | 454 |
| Nashville Community Service Center | TN | State prison | 456 |
| Nebraska State Penitentiary | NE | State prison | 332 |
| Nevada County Detention Center | CA | Restitution center | 124 |
| North Carolina Central Prison | NC | State prison | 388 |
| North Facility | NY | City jail | 380 |
| Northwest State Correctional Facility | VT | State prison | 540 |
| Ocean County Justice Complex | NJ | County complex | 342 |
| Ohio County Correctional Center | WV | County complex | 568 |
| Ohio Reformatory for Women | OH | State prison | 402 |
| Oklahoma State Penitentiary | OK | State prison | 422 |
| Orange County Jail | TX | County complex | 514 |
| Orange County Sheriff's Intake Release Center | CA | County jail | 126 |
| Orange Street Community Correctional Center | UT | State correctional facility | 534 |
| Oshkosh Correctional Institution | WI | State prison | 574 |
| Ottawa County Detention Facility | OH | County complex | 404 |
| Ouachita Correctional Center | OK | State prison | 424 |
| Palmer Correctional Center Medium Security Facility | AK | State prison | 72 |
| Pearland Public Safety Building | TX | City complex | 516 |
| Penitentiary of New Mexico | NM | State prison | 354 |
| Peoria County Adult Detention and Work Release Facility | IL | County complex | 232 |
| Philadelphia Industrial Correctional Center | PA | County and city jails | 436 |
| Pima County Adult Detention Center | AZ | County jail | 88 |
| Pima County Adult Detention Center (Addition) | AZ | County jail | 90 |
| Pinal Mountain Juvenile Institution | AZ | Juvenile correctional facility | 92 |
| Pinellas County Jail—Medium Security Facility | FL | County jail | 190 |
| Pitkin County Jail | CO | County complex | 168 |
| Pittsylvania County Jail | VA | County jail | 550 |
| Placer County Jail | CA | County complex | 128 |
| Plumas County Sheriff's Department & Detention Facility | CA | County jail | 130 |
| Polk County Jail | IA | County jail | 244 |
| Pondera County Jail | MT | County complex | 324 |
| Pre-Trial Detention Facility | CA | County jail | 132 |
| Prince George's County Correctional Center | MD | County jail | 280 |
| Richard J. Donovan Correctional Facility at Rock Mountain | CA | State prison | 134 |
| Richmond County Law Enforcement and Justice Center | GA | County complex | 204 |
| Rikers Island: Modular Units | NY | City jail | 382 |
| Roanoke City Jail | VA | City complex | 552 |
| Rock Island County Jail | IL | County complex | 234 |
| Ross Correctional Institution | OH | State prison | 406 |

| Facility name | State | Facility type | Page |
|--|--------------|--------------------------------|-------------|
| Rusk County Law Enforcement Facility | WI | County complex | 576 |
| Sacaton Juvenile Rehabilitation Center | AZ | Juvenile rehabilitation center | 94 |
| Saline County Detention Facility | AR | County jail | 104 |
| San Joaquin County Honor Farm Women's Minimum Security Facility | CA | County jail | 136 |
| San Patricio County Sheriff's Department | TX | County complex | 518 |
| Santa Barbara County Main Jail | CA | County jail | 138 |
| Santa Cruz County Jail (Phase I) | CA | County jail | 140 |
| Santa Rosa County Jail | FL | County complex | 192 |
| Schuylkill County Prison | PA | County jail | 438 |
| Sequoia Field Detention Facility | CA | County jail | 142 |
| Seminole County Correctional Facility | FL | County jail | 194 |
| Shasta County Justice Center | CA | County complex | 144 |
| Shawnee Correctional Center | IL | State prison | 236 |
| Shawnee County Department of Corrections | KS | County complex | 252 |
| Shelby County Justice Center | TN | County and city complex | 458 |
| Sheridan Correctional Center (Kitchen/Dining Facility) | IL | State prison | 238 |
| Sheridan Correctional Center (Medical/Security Services) | IL | State prison | 240 |
| Smith County Jail | TX | County jail | 520 |
| Somerset County Detention Center | MD | County jail | 282 |
| Sonoma North County Detention Facility | CA | County jail | 146 |
| South Florida Reception Center | FL | State prison | 196 |
| Southern Correctional Center | NC | State prison | 390 |
| Southern New Mexico Correctional Facility | NM | State prison | 356 |
| Southern State Correctional Facility: Modular Units (Phase I and II) | NJ | State prison | 344 |
| St. Johnsbury Community Correctional Center | VT | County jail/State prison | 542 |
| Stanislaus County Jail | CA | County complex | 148 |
| Starr County Jail | TX | County jail | 522 |
| State Correctional Institution at Smithfield | PA | State prison | 440 |
| State Prison of Southern Michigan | MI | State prison hospital | 296 |
| State Regional Correctional Facility at Mercer | PA | State prison | 442 |
| Summit County Justice Center | CO | County complex | 170 |
| Sunnyvale Public Safety Building and Temporary Holding Facility | CA | City complex | 150 |
| TDC Hospital at Galveston | TX | State prison hospital | 524 |
| Thurston County Corrections Facility | WA | County complex | 560 |
| Torrance Police Department | CA | City complex | 152 |
| Trenton State Prison | NJ | State prison | 346 |
| Tunica County Jail and Sheriff's Department | MS | County complex | 306 |
| Tuolumne County Jail | CA | County jail | 154 |
| Twin Rivers Corrections Center | WA | State prison | 562 |
| Uintah County Jail | UT | County jail | 536 |
| Union Correctional Institution | FL | State prison | 198 |
| Victoria County Jail | TX | County complex | 526 |
| Wallace Pack Unit I | TX | State prison | 528 |
| Wallace Pack Unit II | TX | State prison | 530 |
| Warren County Correctional Center | NJ | County jail | 348 |
| Warren County Jail | PA | County jail | 444 |
| Washington Correctional Institute | LA | State prison | 268 |
| Washington Corrections Center Intensive Management Unit | WA | State prison | 564 |
| Washington County Detention Center | MD | County jail | 284 |

| Facility name | State | Facility type | Page |
|---|--------------|--------------------------|-------------|
| Wayne County Justice Center | OH | County complex | 408 |
| West Jefferson Correctional Facility | AL | State prison | 58 |
| Western New Mexico Correctional Facility | NM | State prison | 358 |
| Westside Police Area Command Station | TX | City complex | 532 |
| Whitman County Correctional Facility | WA | County complex | 566 |
| Wildwood Correctional Center | AK | State prison | 74 |
| Woodbury Law Enforcement Center | IA | County complex | 246 |
| Wyoming County Jail | PA | County jail | 446 |
| Yellowstone County Detention Facility | MT | County complex | 326 |
| Young Adult Correctional Facility | UT | State prison | 538 |
| Youth Diagnostic and Development Center | NM | Youth detention facility | 360 |
| Youth Diagnostic and Development Center—Phase III | NM | Youth detention facility | 362 |
| Yuba County Jail | CA | County jail | 156 |
| Yukon-Kuskokwim Correctional Center | AK | State prison | 76 |

Section IV

Facility profiles

Federal Correctional Institution

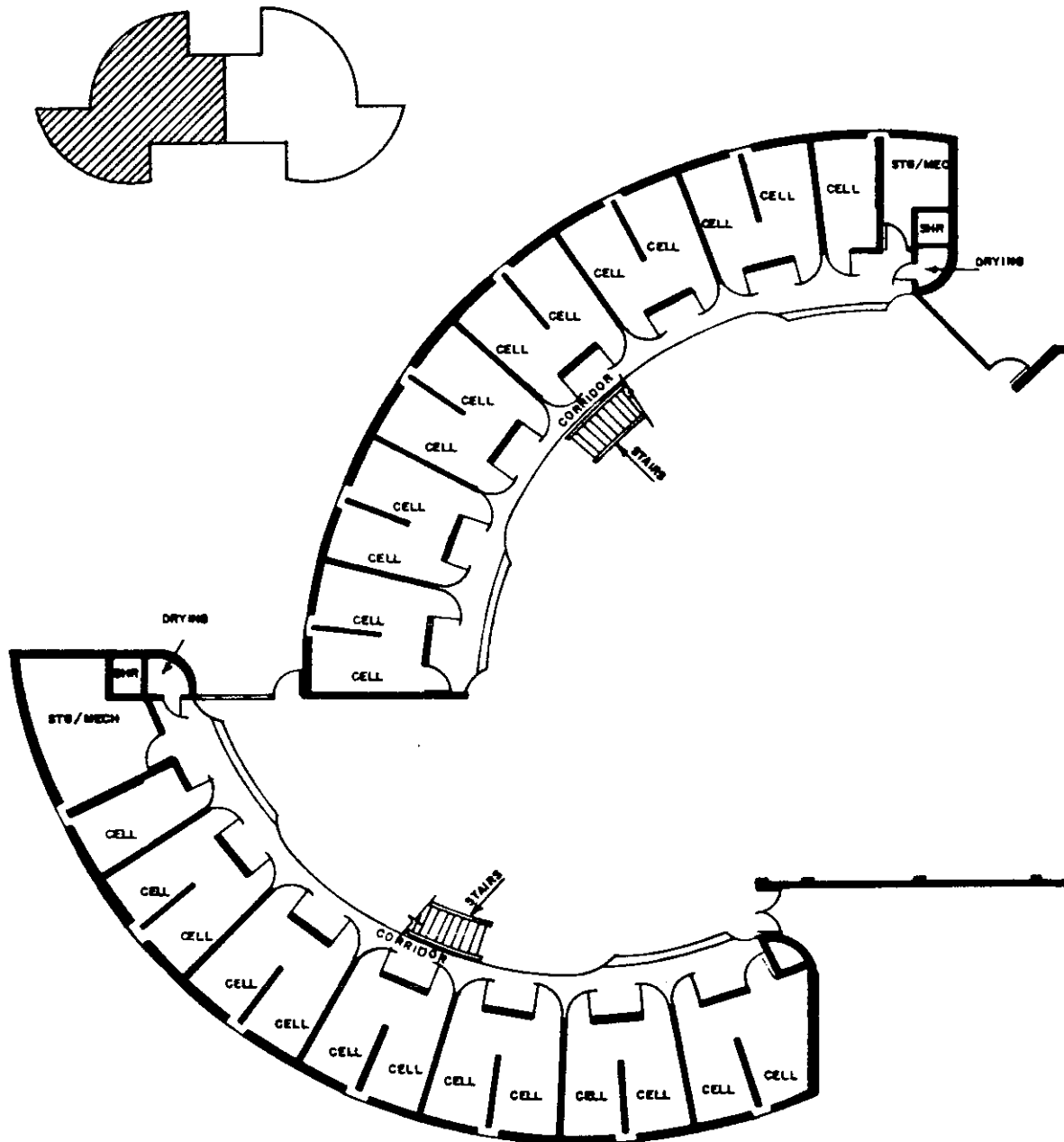
Jurisdiction official: J. Michael Quinlan, Director, Bureau of Prisons

Contact: Warden D.J. Southerland, Federal Correctional Institution, Talladega, AL 35160, 205-362-0410

Architect: Charles H. McCauley Associates, Inc., 1400 South 20th Street, P.O. Box 335, Birmingham, AL 35201, 205-933-7100

Construction manager: Lasker Goldman Corporation, 470 Park Avenue South, New York, NY 10016, 212-481-3409

| | | |
|---|--|--|
| <p>Groundbreaking: September 1977 Finish date: September 1979 Construction time: 24 months</p> | <p>Design capacity: 324 Total cost: \$10,069,300 Total annual operating costs: \$6,500,000</p> | <p>Category: New, independent facility Facility type: Federal prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$10,069,300 Building only: \$10,069,050 Housing area: \$6,002,840 Housing per inmate: \$18,527 Housing per cell: \$18,527 Total per inmate: \$31,078 Total per GSF: \$38.73 Total annual operating costs: \$6,500,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 260,000 Gross square feet/other: 0 Gross square feet/total: 260,000 Housing area square feet: 155,000 Gross square feet per inmate: 802 Size of cells: 106 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 54 Inmates per unit: 54 Management type: Direct supervision October 1985 population: 879 Facility commitment: Federal prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Double fence; patrols Inmate security level: Maximum: 0 (use, 5%) Medium: 75% (use, 90%) Minimum: 25% (use, 5%)</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Natural wall, no coating or treatment</p> | <p>Construction process</p> <p>Finance method: Federal funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Vinyl tile Intercom: One-way to common areas HVAC: Air conditioning Plumbing: China Furniture: Wood; steel Fire protection: Sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 324 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 324 Total: 324</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 28 Security: 100 Programs/treatment: 39 Maintenance: 46 Total: 213 Current inmate/staff ratio: 4.13:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Phased construction, fast track construction management Negative: Government procedures, regulations, "red tape"; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Phased construction, fast track construction management; advanced order of materials and hardware; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers; government "red tape"; complex electronic, mechanical, and electrical systems</p> |

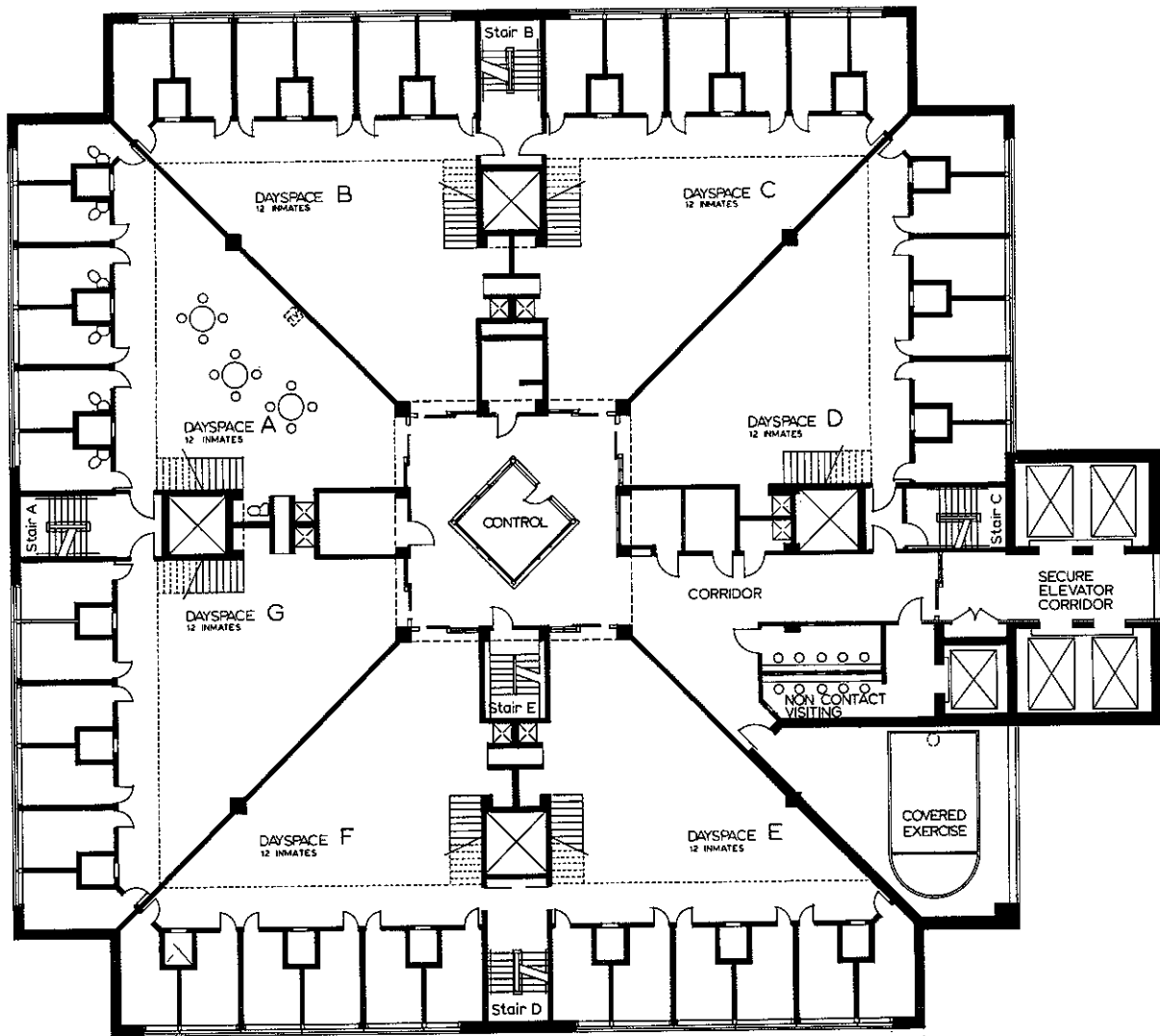



Jefferson County Jail

Jurisdiction official: A. Melvin Bailey, Sheriff

Contact: Deputy Sheriff Glenn Anderson, Jefferson County Jail, 809 21 Street North, Birmingham, AL 35263, 205-325-5936
Architect: Giattina Fisher & Company Architects, Inc., 2031 11th Avenue South, Birmingham, AL 35255, 205-933-9060
Construction manager: None

| | | |
|---|---|--|
| <p>Groundbreaking: January 1982 Finish date: July 1984 Construction time: 31 months</p> | <p>Design capacity: 623 Total cost: \$18,200,000 Total annual operating costs: \$4,480,409</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: High rise</p> |
| <p>Costs</p> <p>Total: \$18,200,000 Building only: N/A Housing area: \$14,700,000 Housing per inmate: \$25,699 Housing per cell: \$28,053 Total per inmate: \$29,213 Total per GSF: \$80.83 Total annual operating costs: \$4,480,409</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 225,173 Gross square feet/other: 0 Gross square feet/total: 225,173 Housing area square feet: 181,580 Gross square feet per inmate: 361 Size of cells: 70 square feet (single) Net/gross square feet: N/A</p> <p>Construction type</p> <p>Structural: Cast-in-place concrete frame, flat plate Exterior walls: CMU block; brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> <p>Inmate design capacity</p> <p>Single occupancy: 500 Double occupancy: 0 Dorms: 72 Special housing: 51 General population: 572 Total: 623</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 10 Security: 104 Programs/treatment: 7 (+ 4 not in budget) Maintenance: 0 (+ 6 not in budget) Total: 121 (+ 10 not in budget) Current inmate/staff ratio: 2.58:1</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 12 Inmates per unit: 12 Management type: Remote surveillance; patrols October 1985 population: 312 Facility commitment: Local jail inmates and State prisoners Means to handle crowding: None needed</p> |
| <p>Security</p> <p>Perimeter: Building exterior; alarm/detection systems Inmate security level: Maximum: 96% Medium: 0 Minimum: 4%</p> | <p>Construction process</p> <p>Finance method: Local funds; G.O. Bond issue Contract method: Conventional; three bid packages Use of inmate labor: None Use of prefabrication: Limited; casework, detention furnishings</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market: high-rise design with stacking cells and utilities Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Phased construction; coordination of design, team/contractor/owner; all parties local Negative: Slow responses and delivery from vendors, suppliers; weather problems</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote unlocking only Floor surface: Vinyl tile; carpet in control rooms and administrative areas Intercom: Two-way to cells and common areas; direct to secure stations HVAC: Air cond.; heating/air circ.; cent. heat. plant with boilers, fans, chillers, cool. towers; pip. to heat. coils Plumbing: Stainless combination unit Furniture: Steel; stainless steel Fire protection: Smoke det. for com. areas; sprinklers for cells and com. areas; man. alarm stations; fire pump; emer. gen.; comp. cont. for HVAC</p> | | |



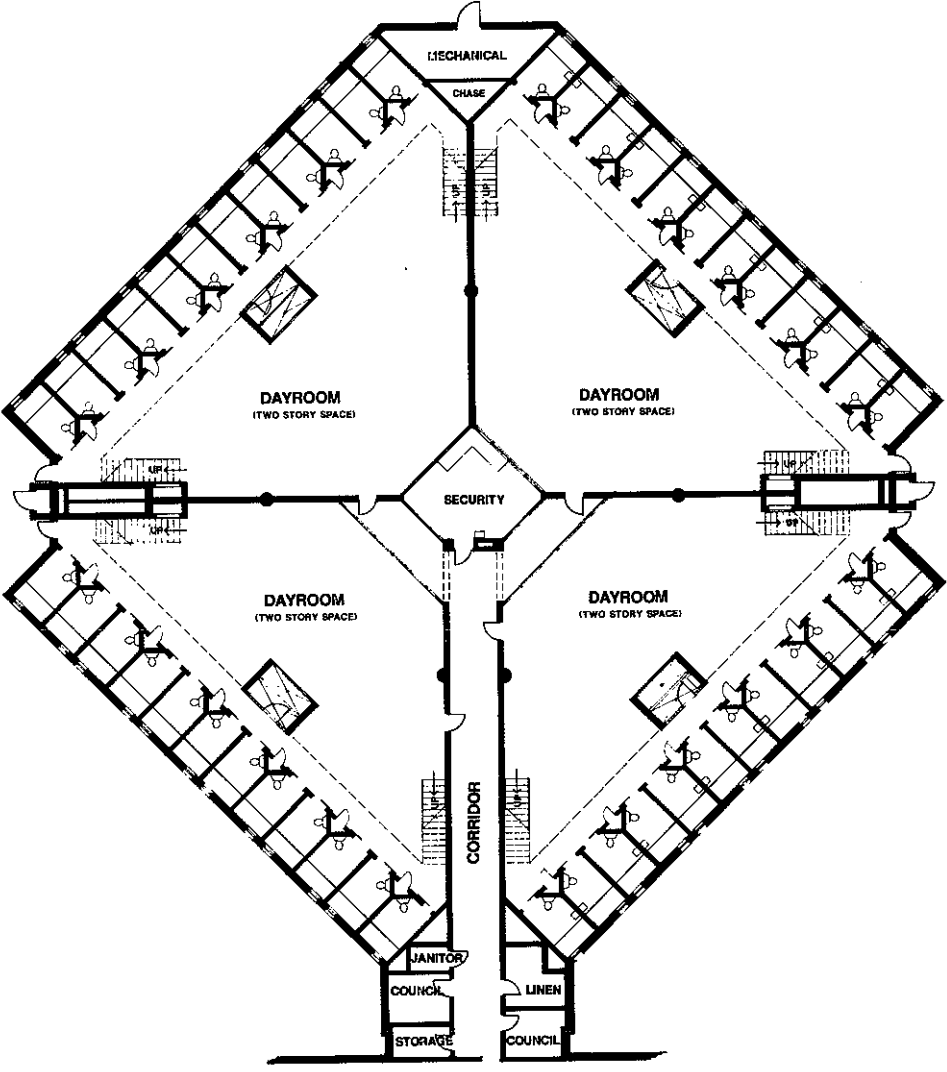
 TYPICAL LEVEL PLAN
0 4 8 16 32 FEET

West Jefferson Correctional Facility

Jurisdiction official: Morris L. Thigpen, Commissioner, Department of Corrections

Contact: John E. Nagle, Warden, West Jefferson Correctional Facility, 100 Warrior Lane, Bessemer, AL 35023, 205-436-3681
Joint venture architects: Tiller/Butner/Rosa Architects, 416 South Perry Street, Montgomery, AL 36104, 205-834-6170
 Wittenberg, Delony & Davidson, Inc., 840 Savers Federal Building, Little Rock, AR 72201, 501-376-6681
Construction manager: Brice Building Company/Champion Construction Company, 2721 2nd Avenue North, Birmingham, AL 35201, 205-252-9911

| | | |
|--|---|---|
| <p>Groundbreaking: December 1981 Finish date: March 1984 Construction time: 28 months</p> | <p>Design capacity: 994 Total cost: \$23,420,685 Total annual operating costs: \$13,111,599</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Wings connecting housing pods</p> |
| <p>Costs</p> <p>Total: \$23,420,685 Building only: \$20,120,685 Housing area: \$13,321,500 Housing per inmate: \$13,876,562 Housing per cell: \$22,276,755</p> <p>Total per inmate: \$23,562 Total per GSF: \$74.23 Total annual operating costs: \$13,111,599</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 315,522 Gross square feet/other: 0 Gross square feet/total: 315,522 Housing area square feet: 220,900 Gross square feet per inmate: 191 Size of cells: 70 square feet (single) Net/gross square feet: N/A</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 96 Inmates per unit: 96 or 192 Management type: Remote surveillance July 1985 population: 1,352 Facility commitment: State prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems, razor wire on and between fences; towers; patrols Inmate security level: Maximum: 25% Medium: 50% Minimum: 25%</p> | <p>Construction type</p> <p>Structural: Load bearing precast panels (floors); load bearing concrete block Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: CMU block only</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional, two separate contracts Use of inmate labor: None Use of prefabrication: Moderate, pre-engineered metal roof and frame, precast panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking; remote locking only Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Heating/air circulation only; gas-fired boiler Plumbing: Stainless Furniture: Steel; concrete Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 192 Double occupancy: 768 Dorms: 0 Special housing: 34 General population: 960 Total: 994</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 42 Security: 243 Programs/treatment: 26 Maintenance: 10 Total: 321 Current inmate/staff ratio: 3.09:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Phased construction; less expensive materials and hardware Negative: Difficult site conditions—abandoned coal mine</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; phased construction, coordination of design between parties Negative: Site preparation lengthy</p> |



TYPICAL 96 BED HOUSING UNIT

Cook Inlet Pre-Trial Facility

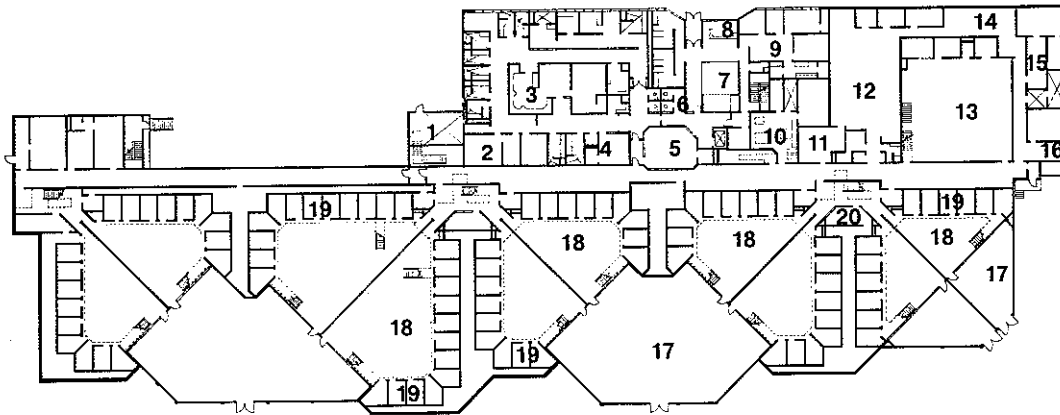
Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

Contact: Superintendent Charles Moses, Cook Inlet Pre-Trial Facility, P.O. Box 103155, 1300 East 4th Avenue, Anchorage, AK 99510, 907-258-7267

Architects: Hellmuth, Obata & Kassabaum, Inc., One Lombard Street, San Francisco, CA 94111, 415-627-1600
CCC Architects Alaska, 413 West Seventh, Suite 100, Anchorage, AK 99501, 907-272-3567

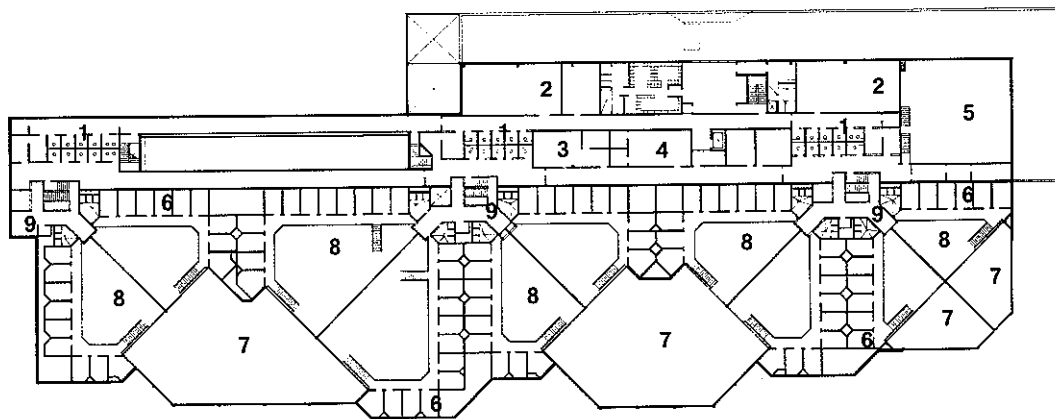
Construction manager: None

| | | |
|---|---|--|
| <p>Groundbreaking: September 1979 Finish date: June 1983 Construction time: 45 months</p> | <p>Design capacity: 228 Total cost: \$21,000,000 Total annual operating costs: \$8,505,683</p> | <p>Category: New, independent facility Facility type: State detention facility Building configuration: Integrated structure; clusters</p> |
| <p>Costs</p> <p>Total: \$21,000,000 Building only: \$20,000,000 Housing area: \$9,800,000 Housing per inmate: \$45,370 Housing per cell: \$45,370 Total per inmate: \$92,105 Total per GSF: \$235.05 Total annual operating costs: \$8,505,683</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 89,341 Gross square feet/other: 0 Gross square feet/total: 89,341 Housing area square feet: 59,000 Gross square feet per inmate: 392 Size of cells: 70 square feet (single) Net/gross square feet: 66%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 12 to 24 Inmates per unit: 12 to 48 Management type: Direct supervision October 1985 population: 398 Facility commitment: State prisoners Means to handle crowding: Holding cells in intake; transfer offenders</p> |
| <p>Security</p> <p>Perimeter: Building exterior; double fence; razor wire on fence Inmate security level: Maximum: 15% Medium: 65% Minimum: 20%</p> | <p>Structural: Steel frame; CIP concrete frame; precast conc. frame (col. and beam) Exterior walls: Precast panels Interior walls: Precast panels; CMU block with solid grout Exterior surface/facade: Unknown</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate, tilt-up walls</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Dexotex Intercom: Two-way to dayroom HVAC: Heating/air circulation only Plumbing: Stainless Furniture: Precast concrete Fire protection: Smoke detectors and sprinklers for cells</p> | <p>Single occupancy: 216 Double occupancy: 0 Dorms: 0 Special housing: 12 General population: 216 Total: 228</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 14 Security: 95 Programs/treatment: 6 Maintenance: 12 Total: 127 Current inmate/staff ratio: 3.13:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Use of tilt-up construction Negative: Alaskan prices; weather problems</p> <p>Factors affecting time schedule: Positive: Tilt-up system Negative: Weather problems</p> |



First Level

- | | | | |
|-------------------|------------------|-----------------|---------------------|
| 1 Sally Port | 6 Interview | 11 Staff Dining | 16 Receiving |
| 2 Magistrate | 7 Waiting | 12 Kitchen | 17 Outdoor Exercise |
| 3 Booking Area | 8 Reception | 13 Gymnasium | 18 Dayroom |
| 4 Superintendent | 9 Administration | 14 Storage | 19 Typical Cell |
| 5 Central Control | 10 Laundry | 15 Maintenance | 20 Counseling |



Second Level

- | | | |
|--------------|-------------------|--------------------|
| 1 Visiting | 4 Classroom | 7 Outdoor Exercise |
| 2 Mechanical | 5 Gymnasium Below | 8 Dayroom Below |
| 3 Library | 6 Typical Cell | 9 Control Room |

Cook Inlet Pre-Trial Facility, Phase II (Expansion)

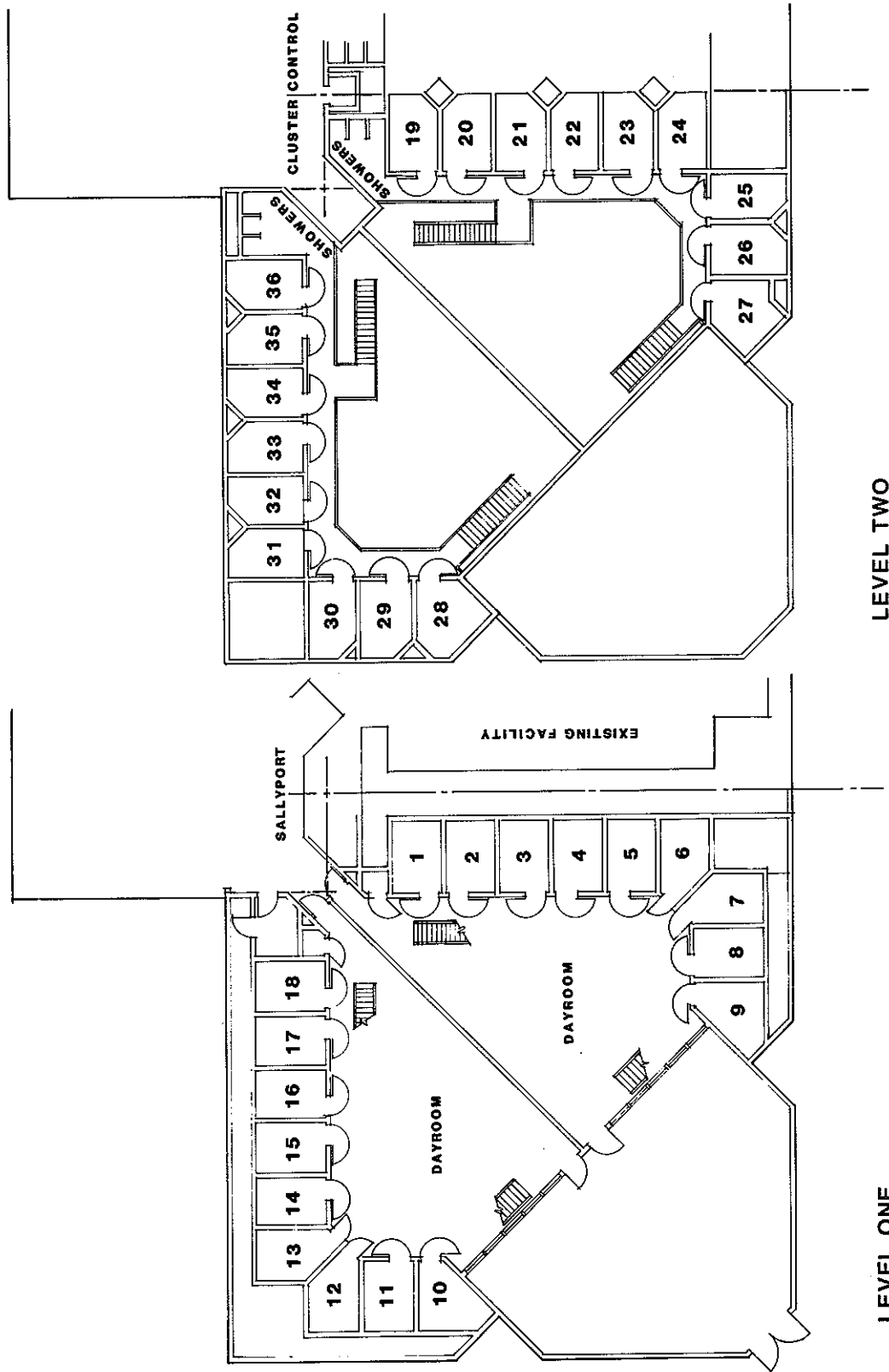
Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

Contact: Superintendent Charles Moses, Cook Inlet Pre-Trial Facility, P.O. Box 103155, 1300 East 4th Avenue, Anchorage, AK 99510, 907-258-7267

Architect: CCC Architects Alaska, 431 West 7th Avenue, Suite 100, Anchorage, AK 99501, 907-272-3567

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: March 1984 Finish date: March 1985 Construction time: 12 months</p> | <p>Design capacity: 36 Total cost: \$2,020,000 Total annual operating costs: \$8,097,400 (entire facility)</p> | <p>Category: Expansion; phased project (past) Facility type: State pre-trial facility Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,020,000 Building only: \$1,970,000 Housing area: \$1,970,000 Housing per inmate: \$54,722 Housing per cell: \$54,722 Total per inmate: \$56,111 Total per GSF: \$260.11 Total annual operating costs: \$8,097,400 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 7,766 Gross square feet/other: 0 Gross square feet/total: 7,766 Housing area square feet: 7,766 Gross square feet per inmate: 216 Size of cells: 86.3 square feet (single) Net/gross square feet: 84%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 36 Inmates per unit: 36 Management type: Intermittent and remote surveillance; direct supervision September 1986 population: 36 Facility commitment: Pre-trial detainees Means to handle crowding: Use of intake cells</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection systems; video camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load bearing precast panels; steel frame Exterior walls: Precast panels; metal siding Interior walls: Precast panels; CMU block Exterior surface/facade: Paint</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking; manual locking Floor surface: Carpet, epoxy coating; vinyl tile Intercom: One-way to common areas HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Steel; concrete Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 36 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 36 Total: 36</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 9 Security: 95 Programs/treatment: 10 Maintenance: 12 Total: 126 (entire facility) Current inmate/staff ratio: N/A</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of precast standardized structural components Negative: Attachment to existing facility systems</p> <p>Factors affecting time schedule: Positive: Coordination of design between parties; good administration Negative: Slow responses and delivery from vendors, suppliers; long lead time for procuring locking mechanisms</p> |



Fairbanks Correctional Center (Remodel/Expansion)

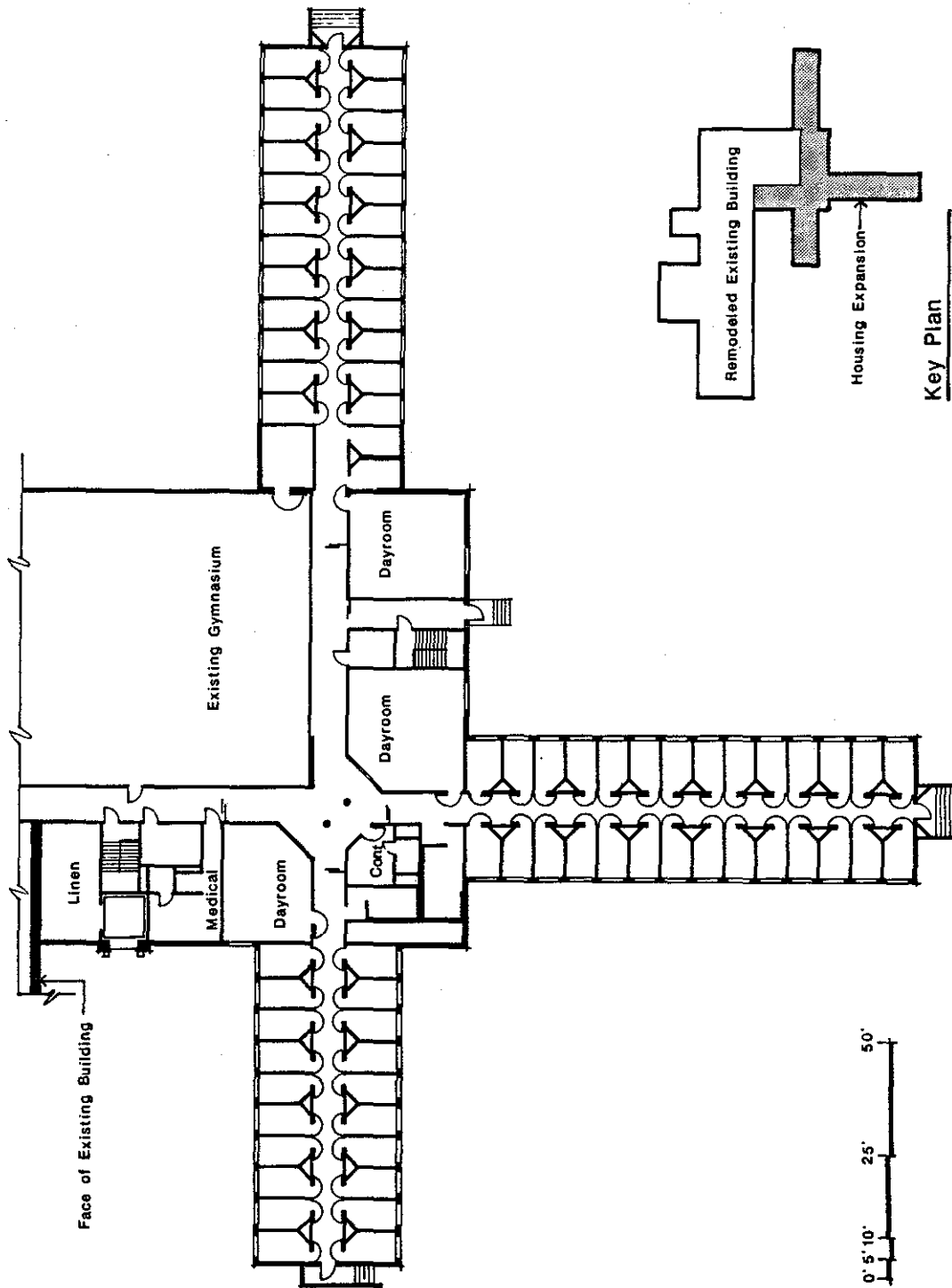
Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

Contact: Superintendent Gail Frank, Fairbanks Correctional Center, P.O. Box 317, Wilbur and Egan Streets, Fairbanks, AK 99707, 907-452-3125

Architect: Harold Wirum & Associates, 500 L Street, Suite 500, Anchorage, AK 99501-5996, 907-276-3400

Construction manager: None

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|---|--|--|
| <p>Groundbreaking: May 1982 Finish date: June 1983 Construction time: 13 months</p> | <p>Design capacity: 72 Total cost: \$7,914,000 Total annual operating costs: \$1,070,400 (entire facility)</p> | <p>Category: Remodeling/renovation project; expansion Facility type: State prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$7,914,000 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$109,917 Total per GSF: \$210.21 Total annual operating costs: \$1,070,400 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 37,648 Gross square feet/other: 0 Gross square feet/total: 37,648 Housing area square feet: 20,685 Gross square feet per inmate: 523 Size of cells: 76 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 24 Inmates per unit: 24 Management type: Intermittent surveillance September 1986 population: 100 Facility commitment: State prisoners Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fences Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load bearing precast panels Exterior walls: Precast panels Interior walls: Precast panels; CMU block Exterior surface/facade: Cement plaster</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; precast concrete panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Carpet; sheet vinyl Intercom: One-way to common areas HVAC: Heating/air circulation; oil fired boilers Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 72 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 72 Total: 72</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 0 Security: 10 Programs/treatment: 0 Maintenance: 0 Total: 10 (addition only) Current inmate/staff ratio: 10.0:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: High labor costs</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Weather problems</p> |



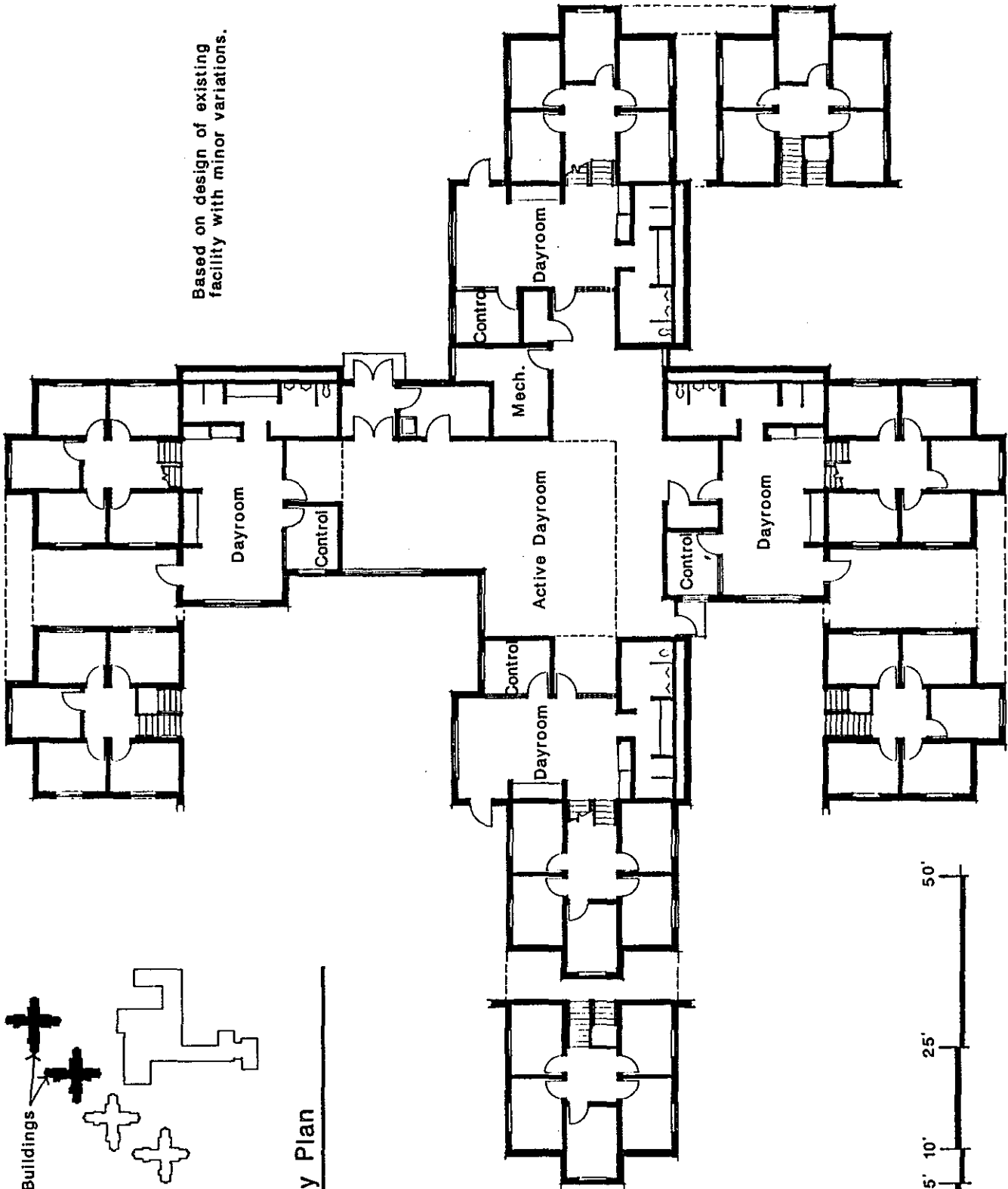
Hiland Mountain Correctional Center (Addition)

Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

Contact: Superintendent Frank Sauser, Hiland Mountain Correctional Center, P.O. Box 600, Eagle River, AK 99577, 907-694-9511
Architect: Harold Wirum & Associates, 500 L Street, Suite 500, Anchorage, AK 99501-5996, 907-276-3400
Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: July 1981 Finish date: January 1983 Construction time: 18 months</p> | <p>Design capacity: 160 Total cost: \$3,782,900 Total annual operating costs: \$437,400 (addition only)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Wheel, spoke or radial</p> |
| <p>Costs</p> <p>Total: \$3,782,900 Building only: \$3,189,900 Housing area: \$3,189,900 Housing per inmate: \$19,937 Housing per cell: \$39,874 Total per inmate: \$23,643 Total per GSF: \$195.70 Total annual operating costs: \$437,400 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 19,330 Gross square feet/other: 0 Gross square feet/total: 19,330 Housing area square feet: 19,330 Gross square feet per inmate: 121 Size of cells: 80 square feet (double) Net/gross square feet: 91%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 40 Inmates per unit: 80 Management type: Remote surveillance February 1987 population: 100 Facility commitment: State prisoners Means to handle crowding: Removable bunk beds</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection system; razor wire on fences Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block; wood siding Interior walls: CMU block Exterior surface/facade: Wood siding</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden Doors/type: Swinging Doors/locking: Manual locking Floor surface: Carpet Intercom: One-way to common areas HVAC: Heating/air circulation Plumbing: China Furniture: Wood Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 160 Dorms: 0 Special housing: 0 General population: 160 Total: 160</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 10 Programs/treatment: 0 Maintenance: Total: 11 (addition only) Current inmate/staff ratio: 9.09:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; less expensive materials and hardware Negative: High labor costs</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Weather problems; winter construction</p> |

Based on design of existing facility with minor variations.



Mat-su Pre-Trial Facility

Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

Contact: Superintendent Michael W. Dindinger, Mat-su Pre-Trial Facility, 339 East Dogwood, Palmer, AK 99645, 907-745-0944
Architect: McCool-McDonald of Alaska, Inc., 901 West 29th Avenue, Anchorage, AK 99503, 907-563-8474
Construction manager: None

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| <p>Groundbreaking: May 1985 Finish date: July 1986 Construction time: 14 months</p> | <p>Design capacity: 56 Total cost: \$2,200,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,200,000 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$39,286 Total per GSF: \$100.56 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 21,878 Gross square feet/other: 0 Gross square feet/total: 21,878 Housing area square feet: 8,750 Gross square feet per inmate: 391 Size of cells: 88 square feet (gen. double; spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 32 Inmates per unit: 56 Management type: Remote surveillance October 1987 population: 81 Facility commitment: State prisoners Means to handle crowding: Beds in dayroom (weekends)</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence Inmate security level: Maximum: 14% Medium: 86% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load-bearing precast panels; steel frame Exterior walls: Precast panels Interior walls: Precast panels; CMU block Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; precast components</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Sealed concrete Intercom: Two-way to cells HVAC: Heating/air circulation; gas heat Plumbing: China Furniture: Steel Fire protection: Sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 48 Dorms: 0 Special housing: 8 General population: 48 Total: 56</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 6 Security: 24 Programs/treatment: 3 Maintenance: 3 Total: 36 Current inmate/staff ratio: 2.25:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; less expensive materials and hardware Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly Negative: Complex electronic, mechanical, and electrical systems</p> |

(No floorplan available at time of publication)

Meadow Creek Correctional Center (Addition)

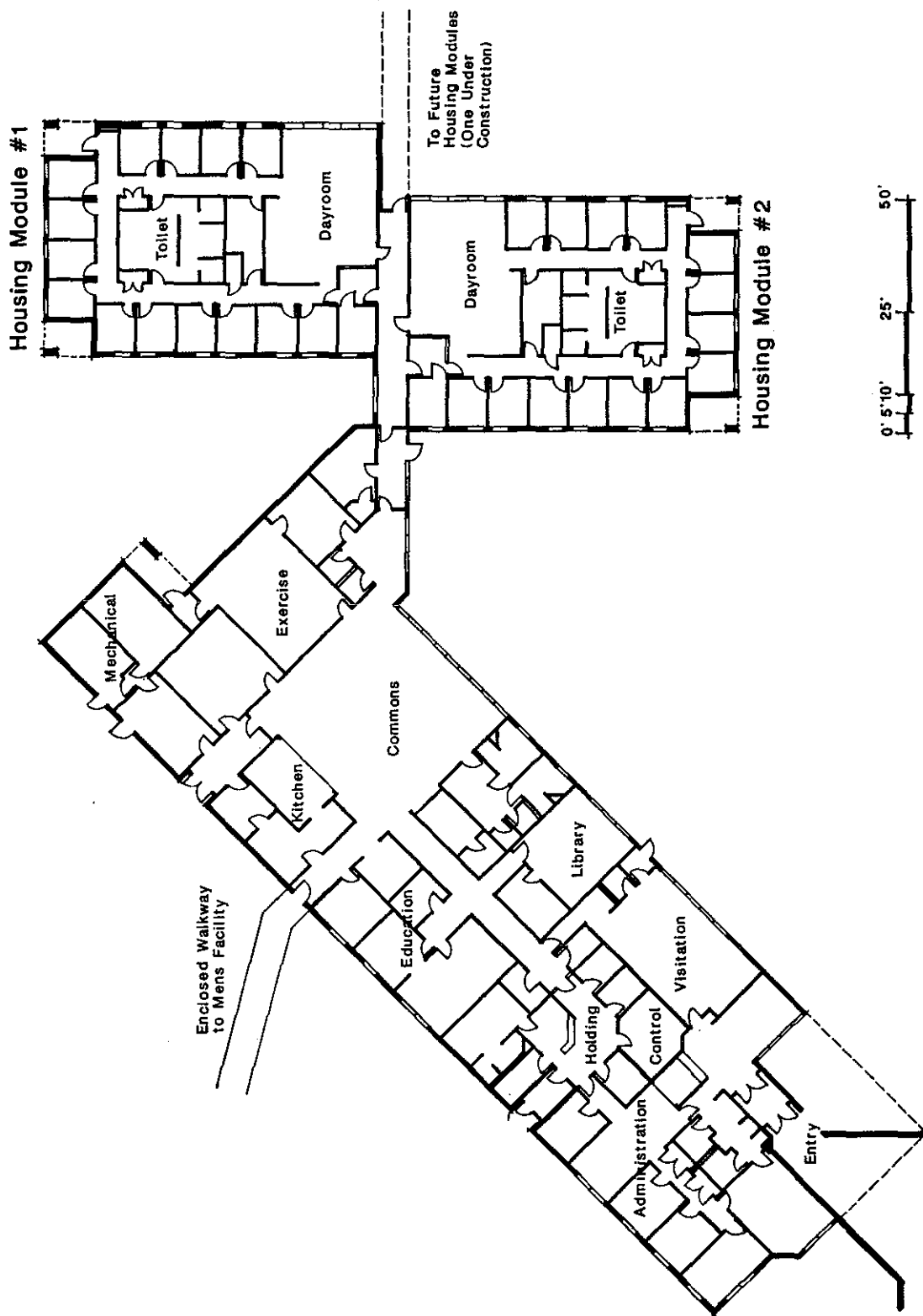
Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

Contact: Superintendent Frank Sauser, Meadow Creek Correctional Center, P.O. Box 600, Eagle River, AK 99687, 907-694-9511

Architect: Harold Wirum & Associates, 500 L Street, Suite 500, Anchorage, AK 99501-5996, 907-276-3400

Construction manager: None

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| <p>Groundbreaking: October 1980 Finish date: July 1981 Construction time: 9 months</p> | <p>Design capacity: 30 Total cost: \$2,833,428 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison (women's facility) Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$2,833,428 Building only: \$2,670,928 Housing area: \$640,000 Housing per inmate: \$22,857 Housing per cell: \$22,857 Total per inmate: \$94,448 Total per GSF: \$89.16 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 31,780 Gross square feet/other: 0 Gross square feet/total: 31,780 Housing area square feet: 7,167 Gross square feet per inmate: 1,059 Size of cells: 80 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 15 Inmates per unit: 20 Management type: Intermittent surveillance September 1986 population: 22 Facility commitment: Female State prisoners Means to handle crowding: Bunk beds in rooms</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single fence; alarm/detection system; camera surveillance Inmate security level: Maximum: 0 Medium: 7% Minimum: 93%</p> | <p>Construction type</p> <p>Structural: Steel frame; CMU bearing walls Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Wood siding</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Carpet Intercom: One-way to cells; two-way to common areas HVAC: Heating/air circulation; gas heat Plumbing: China Furniture: Steel; wood Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 28 Double occupancy: 0 Dorms: 0 Special housing: 2 General population: 28 Total: 30</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 14 Programs/treatment: 2 Maintenance: 1 Total: 21 (addition only) Current inmate/staff ratio: 1.05:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; less expensive materials and hardware Negative: High labor costs Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Weather problems; winter construction</p> |



Palmer Correctional Center Medium Security Facility

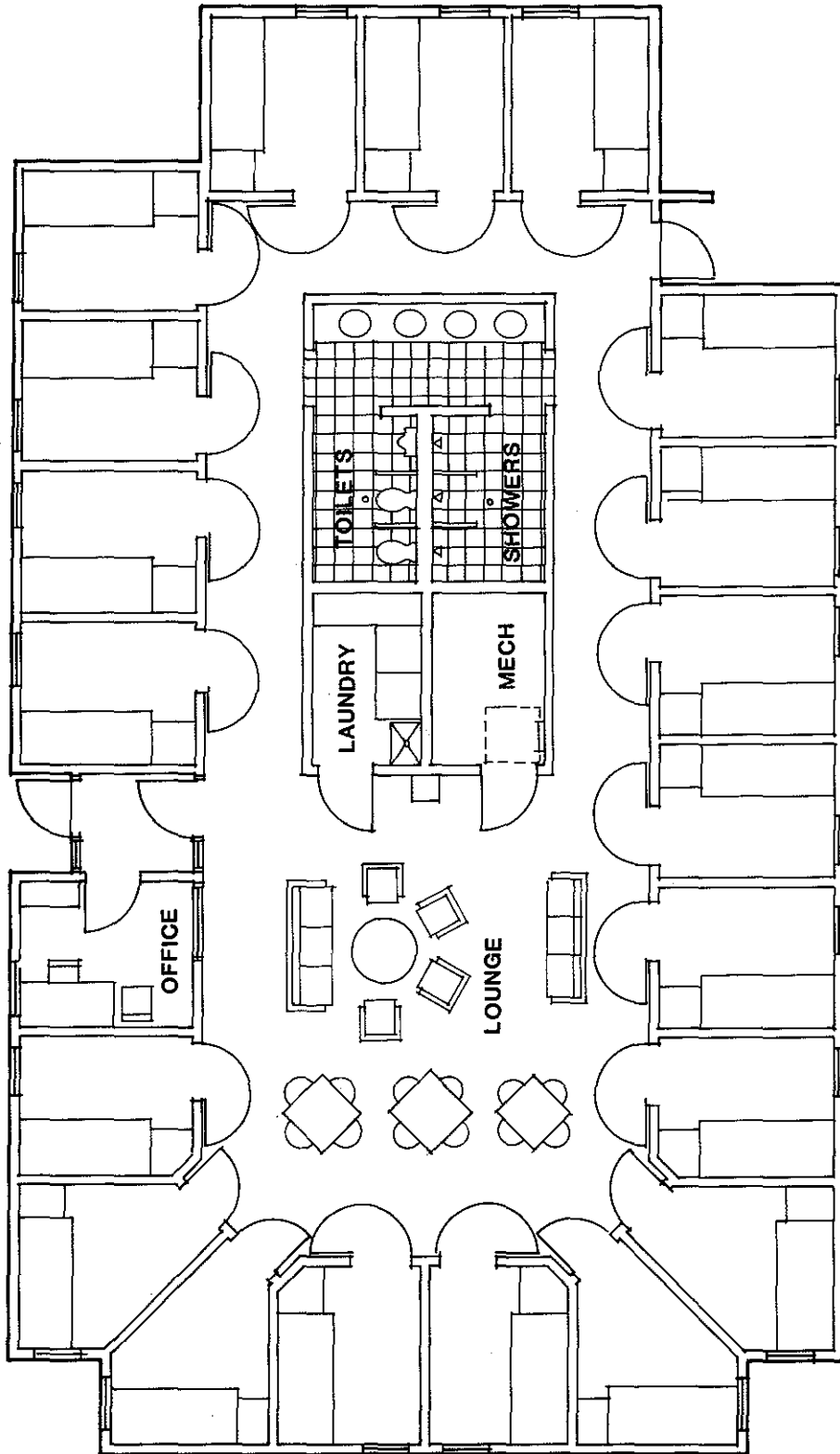
Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

Contact: Superintendent Joe Pendergrass, Palmer Correctional Center Medium Security Facility, P.O. Box 919, Mile 58 Glenn Highway, Palmer, AK 99645, 907-745-5054

Architect: CCC Architects Alaska, 431 West 7th Avenue, Suite 100, Anchorage, AK 99501, 907-272-3567

Construction manager: None

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| <p>Groundbreaking: July 1981 Finish date: July 1982 Construction time: 12 months</p> | <p>Design capacity: 104 Total cost: \$2,350,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$2,350,000 Building only: \$2,150,000 Housing area: \$1,000,000 Housing per inmate: \$10,000 Housing per cell: \$10,000 Total per inmate: \$22,596 Total per GSF: \$64.90 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 36,211 Gross square feet/other: 0 Gross square feet/total: 36,211 Housing area square feet: 15,705 Gross square feet per inmate: 348 Size of cells: 71 square feet (gen. single); 85 (spec. single) Net/gross square feet: 85%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 20 Inmates per unit: 20 Management type: Office in each pod, inmates circulate during day July 1986 population: 125 Facility commitment: State prisoners Means to handle crowding: Expansion underway</p> |
| <p>Security</p> <p>Perimeter: Single fence Inmate security level: Maximum: 3% Medium: 97% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Wood frame Exterior walls: Wood siding Interior walls: Wood studs, gypsum board over plywood Exterior surface/facade: Wood siding</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Turn-key design and build Use of inmate labor: Limited; construction of cell furnishings and landscaping Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden Doors/type: Swinging Doors/locking: Unknown Floor surface: Carpet; vinyl tile Intercom: One-way to common areas HVAC: Heating/air circulation; oil heat Plumbing: China Furniture: Steel; wood; vinyl/plastic Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 100 Double occupancy: 0 Dorms: 0 Special housing: 4 General population: 100 Total: 104</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 31 Programs/treatment: 6 Maintenance: 5 Total: 44 Current inmate/staff ratio: 2.84:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware; design-build contracting Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties; design-build contract Negative: Weather problems</p> |



Wildwood Correctional Center (Remodel)

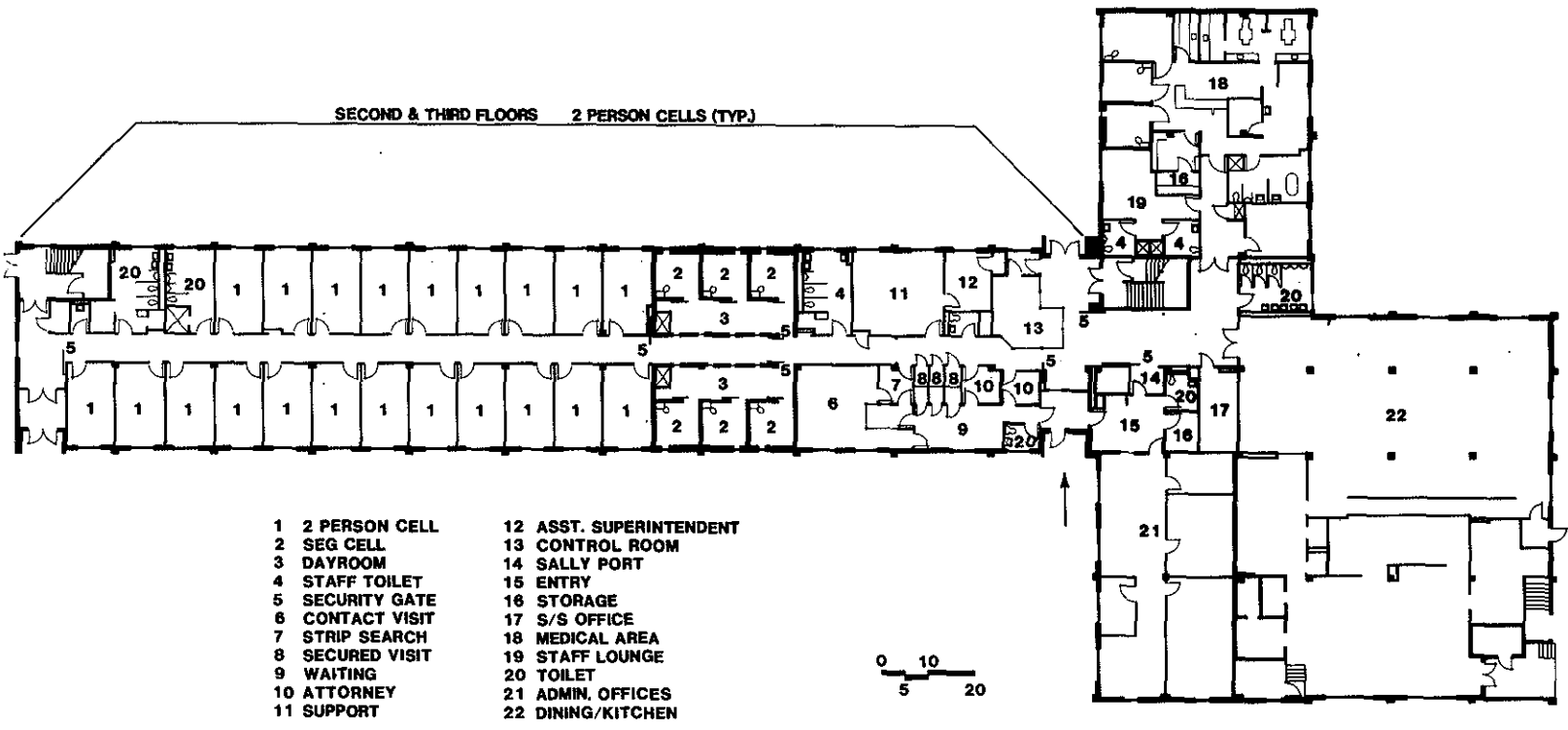
Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

Contact: Superintendent Russell Moody, Wildwood Correctional Center, Building #10, Chugach Avenue, Kenai, AK 99611, 907-283-7296

Architect: Carmen Vincent Gintoli, 130 Trading Bay Road, Kenai, AK 99611, 907-283-7732

Construction manager: None

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| <p>Groundbreaking: April 1984 Finish date: April 1985 Construction time: 12 months</p> | <p>Design capacity: 200 Total cost: \$1,100,000 Total annual operating costs: \$6,553,800</p> | <p>Category: Remodeling/renovation project Facility type: State prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,100,000 Building only: \$1,100,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (remodel) Total per GSF: \$32.35 Total annual operating costs: \$6,553,800</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 34,000 Gross square feet/other: 0 Gross square feet/total: 34,000 Housing area square feet: Unknown Gross square feet per inmate: 170 Size of cells: 175 square feet (gen. double); 90 (spec. single); 145 (spec. double) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: Unknown Inmates per unit: Unknown Management type: Intermittent surveillance; video surveillance May 1987 population: 300 Facility commitment: State prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences; patrols Inmate security level: Maximum: 5% Medium: 95% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Paint</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: Limited; painting, vinyl tile, concrete cutting and coring, and new wood doors Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; wooden Doors/type: Swinging Doors/locking: Manual locking Floor surface: Carpet; vinyl tile Intercom: None HVAC: Steam heat; gas heat Plumbing: China Furniture: Unknown Fire protection: Sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 190 Dorms: 0 Special housing: 10 General population: 190 Total: 200</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 9 Security: 64 Programs/treatment: 16 Maintenance: 7 Total: 96 Current inmate/staff ratio: 3.13:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Slow construction, lengthy building time</p> <p>Factors affecting time schedule: Positive: None Negative: None</p> |



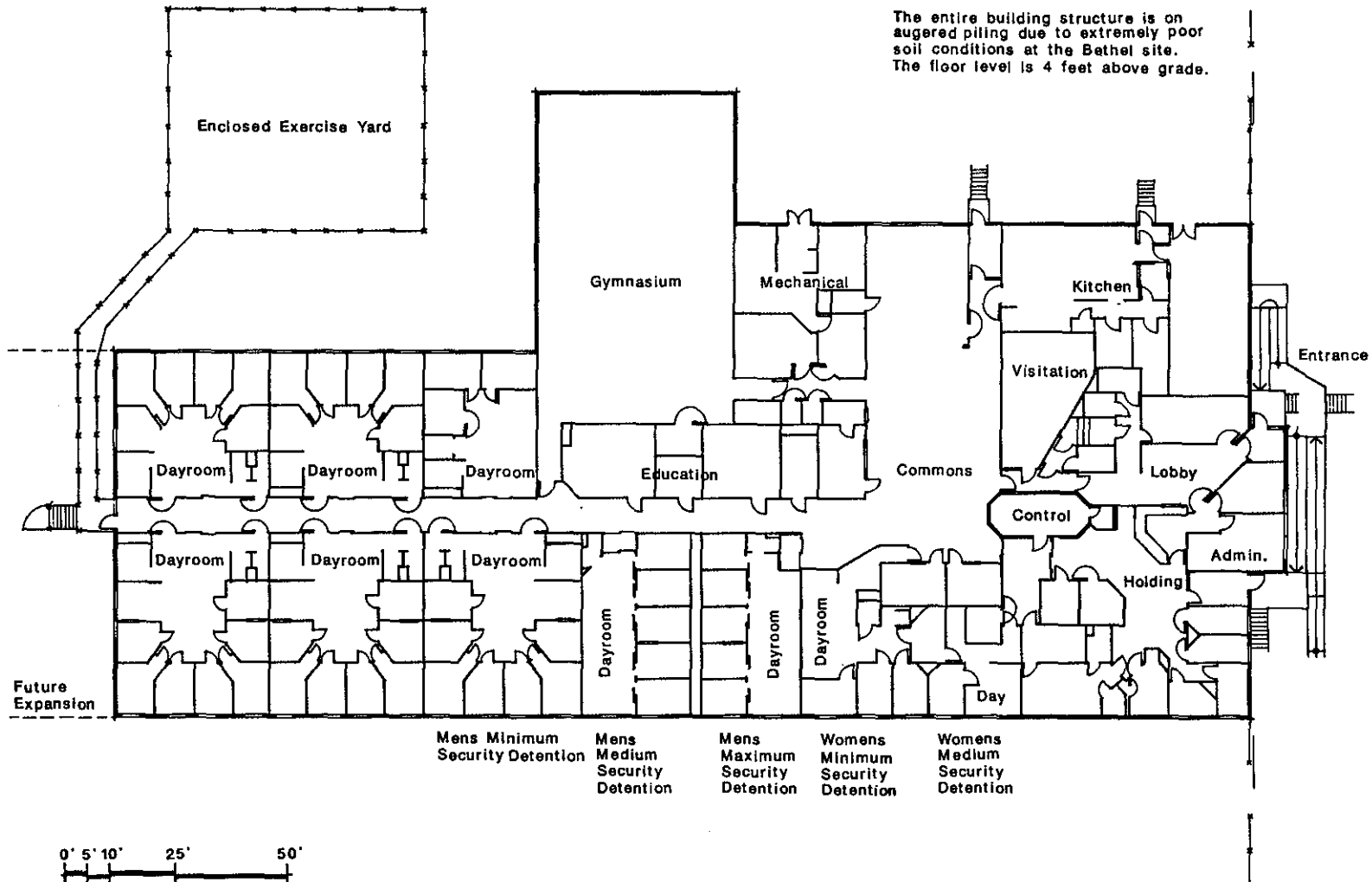
FIRST FLOOR PLAN

Yukon-Kuskokwim Correctional Center

Jurisdiction official: Susan Humphrey-Barnett, Commissioner, Department of Corrections

Contact: Superintendent James F. Symbol, Yukon-Kuskokwim Correctional Center, Pouch 400, Bethel, AK 99559, 907-543-5245
Architect: Harold Wirum & Associates, 500 L Street, Suite 500, Anchorage, AK 99501-5996, 907-276-3400
Construction manager: None

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| <p>Groundbreaking: July 1983 Finish date: September 1984 Construction time: 14 months</p> | <p>Design capacity: 98 Total cost: \$7,150,000 Total annual operating costs: \$3,273,300</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$7,150,000 Building only: \$6,650,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$72,959 Total per GSF: \$271.55 Total annual operating costs: \$3,273,300</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 26,330 Gross square feet/other: 0 Gross square feet/total: 26,330 Housing area square feet: 17,700 Gross square feet per inmate: 269 Size of cells: 72 square feet (gen. single); 79 (gen. double); 59 (spec. single); 78 (spec. double) Net/gross square feet: 93%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside and inside Cells per unit: 7 Inmates per unit: 14 Management type: Intermittent surveillance April 1987 population: 90 Facility commitment: State prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single fence Inmate security level: Maximum: 6% Medium: 11% Minimum: 83%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Steel plate on int. of 6" steel studs w/2" insulated metal Interior walls: Solid cement plaster; metal stud w/1/2" plywood insulated metal Exterior surface/facade: Prefinished metal panels</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; metal panels and steel plate</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden Doors/type: Swinging Doors/locking: Manual locking Floor surface: Vinyl tile Intercom: Two-way to cells and common areas HVAC: Heating/air circulation; energy recycle unit; waste heat from elec. gen. plant w/backup oil fired boiler Plumbing: China Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 5 Double occupancy: 86 Dorms: 0 Special housing: 7 General population: 91 Total: 98</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 3 Security: 27 Programs/treatment: 5 Maintenance: 3 Total: 38 Current inmate/staff ratio: 2.37:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple const. methods; phased construction, fast track CM; less expensive materials and hardware Negative: High labor costs; difficult site conditions, very poor soil; rural location, no highway access to Bethel</p> <p>Factors affecting time schedule: Positive: Repetitiveness of design; phased construction, fast track CM; advanced order of materials and hardware Negative: Weather problems; winter construction</p> |



Arizona State Prison—Florence (Addition—East Unit)

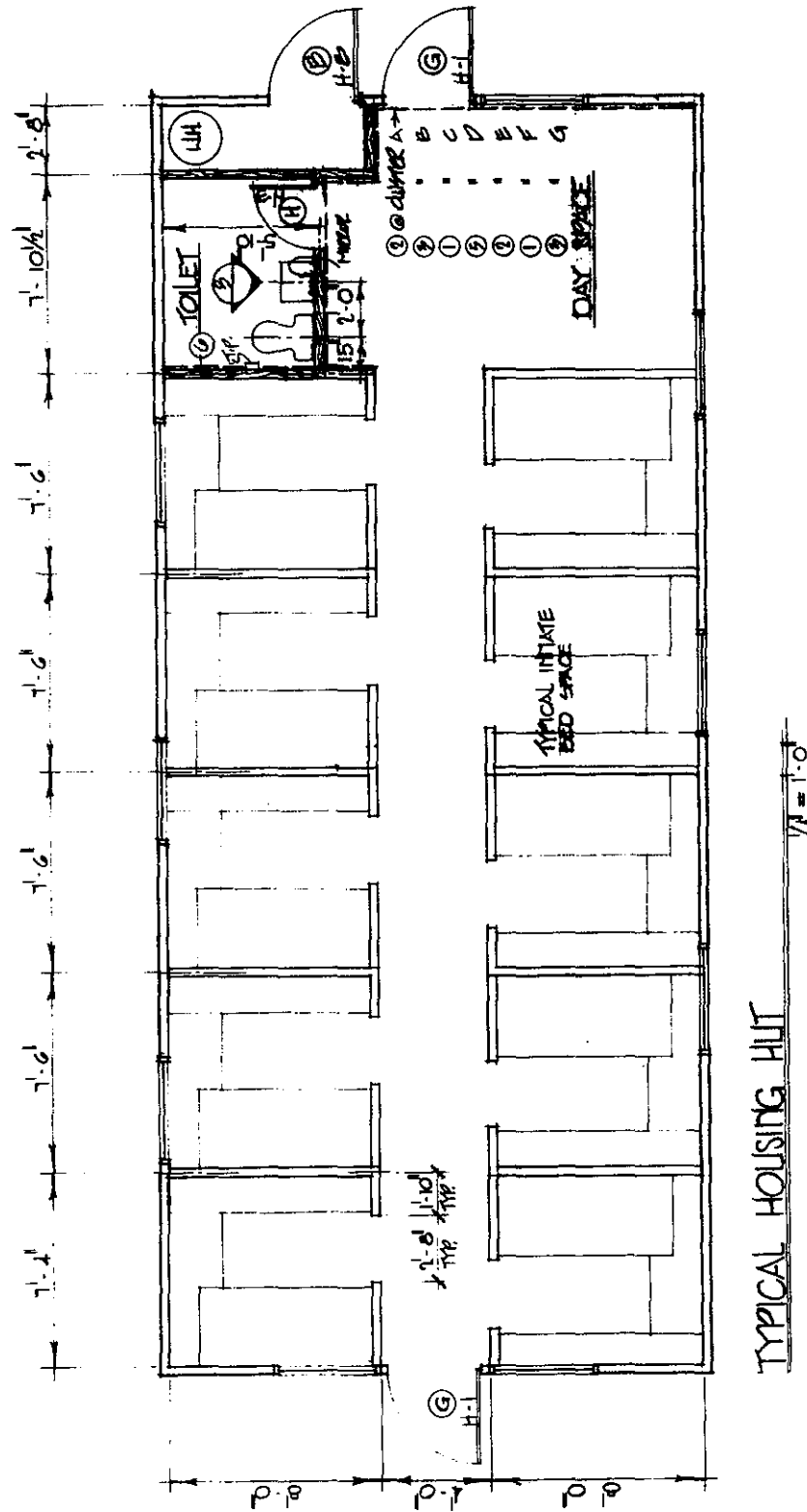
Jurisdiction official: Samuel A. Lewis, Director, Department of Corrections

Contact: Deputy Warden A. Grijalva, Arizona State Prison, P.O. Box 629, Florence, AZ 85232, 602-868-4011

Architect: Varney, Sexton, Lunsford, Aye, Associates—Architects, Inc., 2001 East Campbell Avenue, Suite 200, Phoenix, AZ 85016, 602-954-9131

Construction manager: None

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| <p>Groundbreaking: January 1984 Finish date: June 1985 Construction time: 17 months</p> | <p>Design capacity: 540 Total cost: \$4,700,000 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$4,700,000 Building only: \$2,218,630 Housing area: \$2,009,088 Housing per inmate: \$3,805 Housing per cell: \$41,856 (dorm) Total per inmate: \$8,704 Total per GSF: \$42.55 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 110,450 Gross square feet/other: 0 Gross square feet/total: 110,450 Housing area square feet: 46,080 Gross square feet per inmate: 205 Size of cells: 680 square feet per quonset hut Net/gross square feet: N/A</p> | <p>Inmate housing areas</p> <p>Design: Dormitory-style quonset huts Cells per unit: N/A Inmates per unit: 11 Management type: Intermittent surveillance October 1985 population: 563 Facility commitment: State prisoners Means to handle crowding: Beds in day spaces</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection system; razor wire on fence; patrols Inmate security level: Maximum: 0 Medium: 98% (+ 2% hard medium) Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block; corrugated metal Interior walls: CMU block; gyp board Exterior surface/facade: Stucco; paint</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Construction management fast track; owner built (inmate labor) Use of inmate labor: Extensive; 95% of construction Use of prefabrication: Extensive; huts and preengineered metal buildings</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden; steel Doors/type: Swinging Doors/locking: Unlocked Floor surface: Sealed concrete Intercom: One-way to common areas HVAC: Evaporative cooling; heating/air circulation only; individual gas-fired heating units Plumbing: China Furniture: Steel Fire protection: Smoke detectors for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 528 Special housing: 12 General population: 528 Total: 540</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 6 Security: 141 Programs/treatment: 6 Maintenance: 1 Total: 154 (addition only) Current inmate/staff ratio: 3.66:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components; simple construction methods; less expensive materials and hardware; limited need of contract work Negative: Slow inmate labor; government procedures, regulations, "red tape"; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components; simple construction methods; coordination of design Negative: Labor problems; government "red tape"; complex electronic, mechanical, and electrical systems</p> |

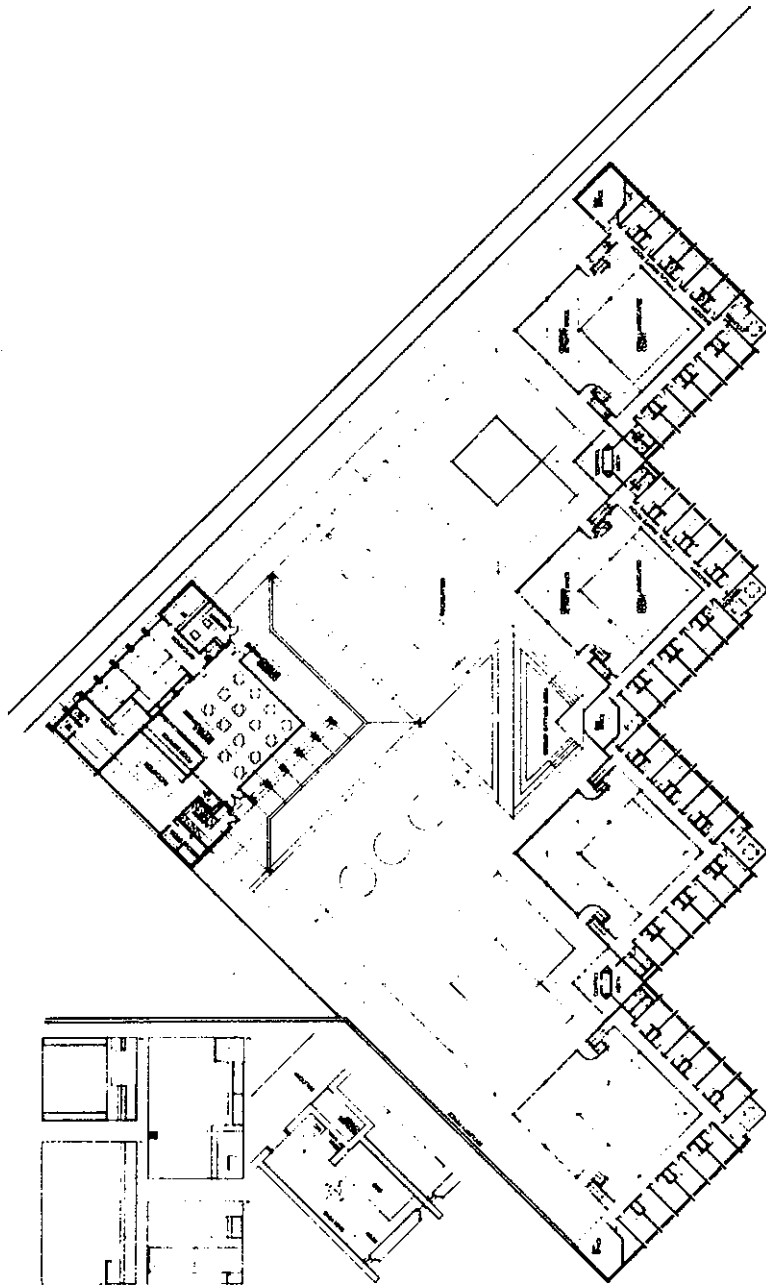


Arizona State Prison—Perryville

Jurisdiction official: Samuel A. Lewis, Director, Department of Corrections

Contact: Warden William Rhode, Arizona State Prison—Perryville, P.O. Box 3000, Goodyear, AZ 85338, 602-935-9371
Architect: Varney, Sexton, Lunsford, Aye/Gruzen Associated Architects, 2001 East Campbell Avenue, Suite 200, Phoenix, AZ 85016, 602-954-9131
Construction manager: Kitchell, CEM, Inc., 1006 South 24th Street, Phoenix, AZ 85034, 602-275-7541

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| <p>Groundbreaking: November 1979 Finish date: April 1983 Construction time: 41 months</p> | <p>Design capacity: 1,200 Total cost: \$42,600,000 Total annual operating costs: \$17,058,600</p> | <p>Category: New, ind. fac.; expansion; phased project (past); temp. housing Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$42,600,000 Building only: \$41,000,000 Housing area: \$17,200,000 Housing per inmate: \$14,333 Housing per cell: \$14,333 Total per inmate: N/A Total per GSF: \$118.33 Total annual operating costs: \$17,058,600</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 360,000 Gross square feet/other: 0 Gross square feet/total: 360,000 Housing area square feet: 177,800 Gross square feet per inmate: 300 Size of cells: 80 square feet (single) Net/gross square feet: 90%</p> <p>Construction type</p> <p>Structural: Load bearing precast panels; steel frame; cast-in-place concrete frame Exterior walls: Precast panels; cast-in-place concrete; CMU block (court walls of housing) Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Stucco; paint; textured concrete</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 96 Inmates per unit: 96 Management type: Direct supervision October 1985 population: 1,400 Facility commitment: State prisoners Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection system; patrols Inmate security level: Maximum: 0 Medium: 83.3% Minimum: 16.7%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 1,200 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 1,200 Total: 1,200</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 83 Security: 361 Programs/treatment: 96 Maintenance: 9 Total: 549 Current inmate/staff ratio: 2.55:1</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Construction management fast track Use of inmate labor: Limited; concrete flatwork; landscaping; fence; painting; furniture Use of prefabrication: Moderate; tilt-up concrete; inmate room furniture</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: One-way to common areas HVAC: Cooling by eval coolers; electric duct heaters; rooftop package of heating and cooling units Plumbing: China Furniture: Steel Fire protection: Smoke detectors for cells</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components; simple construction methods; phased construction; good competition; less expensive materials and hardware; inmate labor; local climate Negative: Government regulations, "red tape"; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components; simple construction methods; phased construction; advanced order of materials and hardware; coordination of design; advance site work Negative: Government regulations, "red tape"</p> | |

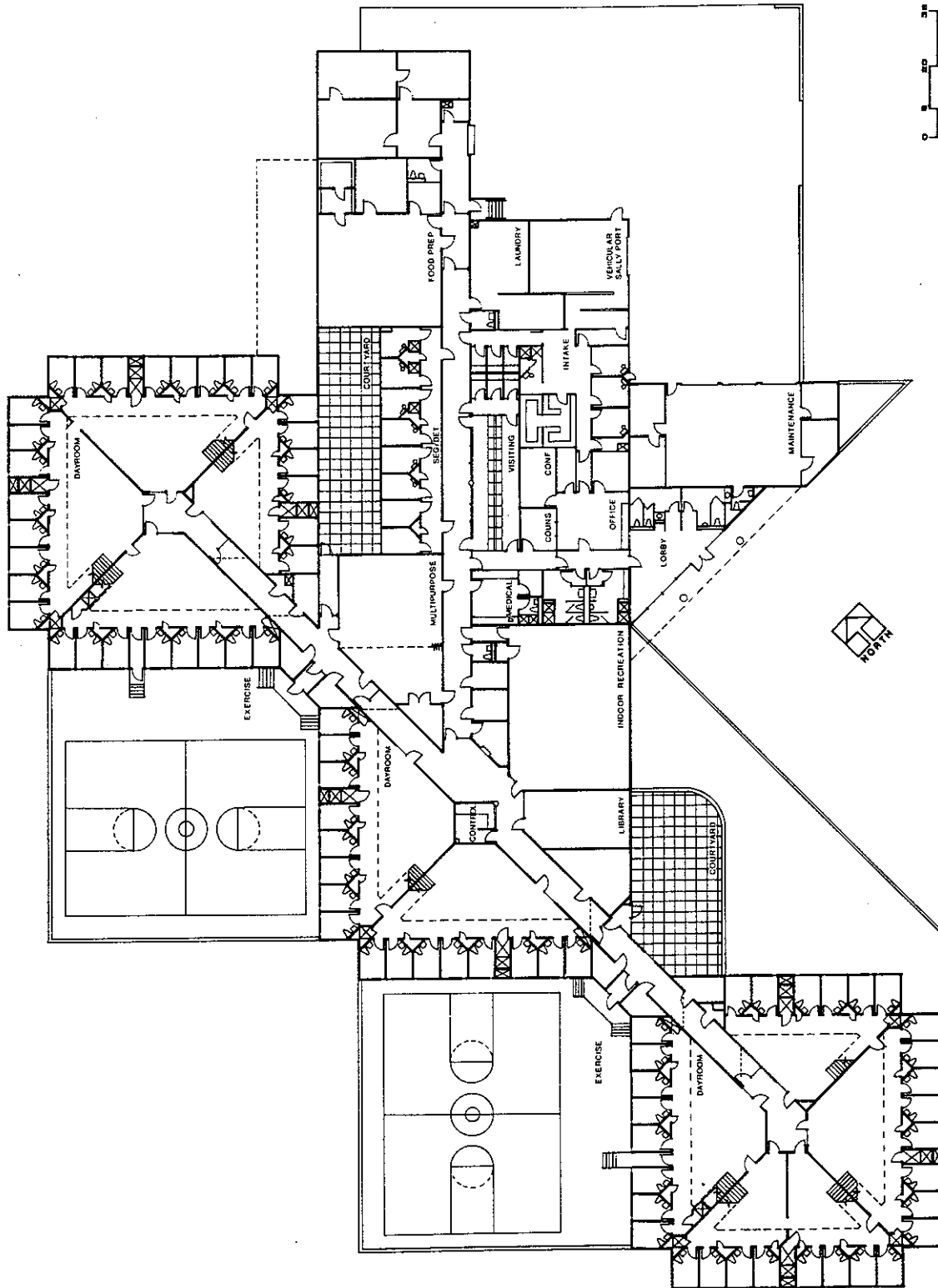


Cochise County Jail

Jurisdiction official: Jim V. Judd, Sheriff

Contact: Commander Paul Larimer, Cochise County Jail, Post Office Drawer F, Bisbee, AZ 85603, 602-432-2267
Architect: Lescher & Mahoney, Inc., 1130 East Missouri, Suite 850, Phoenix, AZ 85014, 602-264-6803
Construction manager: Reese-Carr, 4350 East Camelback, 160-C Camelsquare, Phoenix, AZ 85018, 602-952-8171

| | | |
|---|---|--|
| <p>Groundbreaking: November 1983 Finish date: June 1985 Construction time: 19 months</p> | <p>Design capacity: 162 Total cost: \$4,248,400 Total annual operating costs: \$847,531</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$4,248,400 Building only: \$3,855,400 Housing area: \$3,600,000 Housing per inmate: \$22,500 Housing per cell: \$22,500 Total per inmate: \$26,225 Total per GSF: \$89.59 Total annual operating costs: \$847,531</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 47,420 Gross square feet/other: 0 Gross square feet/total: 47,420 Housing area square feet: 42,000 Gross square feet per inmate: 293 Size of cells: 80 square feet (single) Net/gross square feet: 89%</p> <p>Construction type</p> <p>Structural: Load bearing CMU Exterior walls: CMU block; precast concrete roof Interior walls: CIP concrete; CMU block; reinf. mas. walls; conc. mez. slabs; floor slabs Exterior surface/facade: Brick; textured concrete</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 8 to 16 Inmates per unit: 8 to 16 Management type: Intermittent surveillance October 1985 population: 150 Facility commitment: Local jail inmates Means to handle crowding: N/A</p> |
| <p>Security</p> <p>Perimeter: Alarm/detection system Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 160 Double occupancy: 0 Dorms: 0 Special housing: 2 General population: 160 Total: 162</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 7 Security: 23 Programs/treatment: 1 Maintenance: 7 Total: 38 Current inmate/staff ratio: 3.95:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited, precast concrete tees at roof</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual and remote locking Floor surface: Vinyl composition tile Intercom: Two-way between sallyport and control room HVAC: Air conditioning; solar; conv./elect. heating plant Plumbing: China Furniture: Steel Fire protection: Smoke detectors for cells and common areas</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; quality of bidding documents Negative: None</p> <p>Factors affecting time schedule: Positive: Local bond issue; condition of existing county jail Negative: Financial condition of the low bidder</p> | |



Federal Correctional Institution

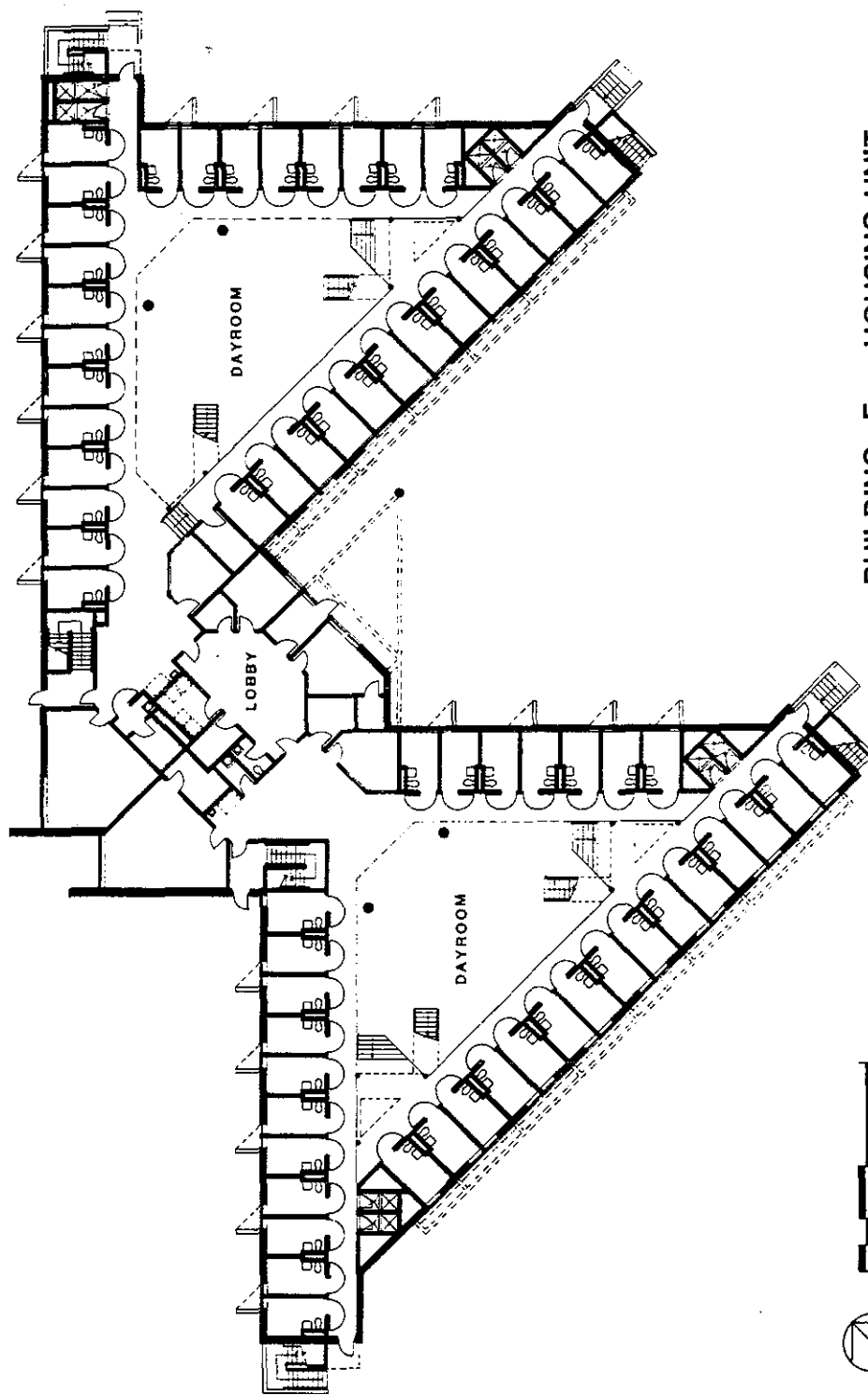
Jurisdiction official: J. Michael Quinlan, Director, Bureau of Prisons

Contact: Warden Peter M. Carlson, Federal Correctional Institution, P.O. Box 1680, Black Canyon Stage I, Phoenix, AZ 85029, 602-256-0924

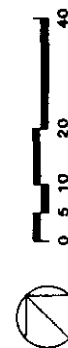
Architect: Lescher & Mahoney, Inc., 1130 East Missouri, Suite 850, Phoenix, AZ 85014, 602-264-6803

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: November 1983 Finish date: June 1985 Construction time: 19 months</p> | <p>Design capacity: 575 Total cost: \$21,035,950 Total annual operating costs: \$6,877,000</p> | <p>Category: New, independent facility Facility type: Federal prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$21,035,950 Building only: \$16,059,500 Housing area: \$6,581,000 Housing per inmate: \$11,566 Housing per cell: \$11,566 Total per inmate: \$36,584 Total per GSF: \$68.05 Total annual operating costs: \$6,877,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 309,126 Gross square feet/other: 0 Gross square feet/total: 309,126 Housing area square feet: 127,272 Gross square feet per inmate: 538 Size of cells: 81 square feet (single) Net/gross square feet: 84%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 132 module/66 pod Inmates per unit: 132 module/66 pod Management type: Direct supervision October 1985 population: 268 Facility commitment: Federal prisoners Means to handling crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on and between fences; alarm/detection system Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load bearing masonry; precast roof system and floor planks Exterior walls: Brick/block Interior walls: Brick/block Exterior surface/facade: Brick; textured concrete</p> | <p>Construction process</p> <p>Finance method: Federal funds Contract method: 7 separate phased packages Use of inmate labor: None Use of prefabrication: Limited; precast concrete roof tees</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden; steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Carpet; vinyl composition tile Intercom: Two-way between sallyport and control room HVAC: Air conditioning; solar; conventional heating plant Plumbing: China Furniture: Wood; vinyl/plastic Fire protection: Smoke detectors for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 569 Double occupancy: 0 Dorms: 0 Special housing: 6 General population: 569 Total: 575</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 31 Security: 100 Programs/treatment: 68 Maintenance: 14 Total: 213 Current inmate/staff ratio: 1.26:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; positive bidding climate; repetition of building types and construction systems; excellent weather conditions Negative: None</p> <p>Factors affecting time schedule: Positive: Coordination of design between parties; architect's ability to maintain schedule through 7 fast-tracked bid packages; excellent weather conditions Negative: None</p> |



BUILDING F - HOUSING UNIT
FIRST FLOOR PLAN



Pima County Adult Detention Center

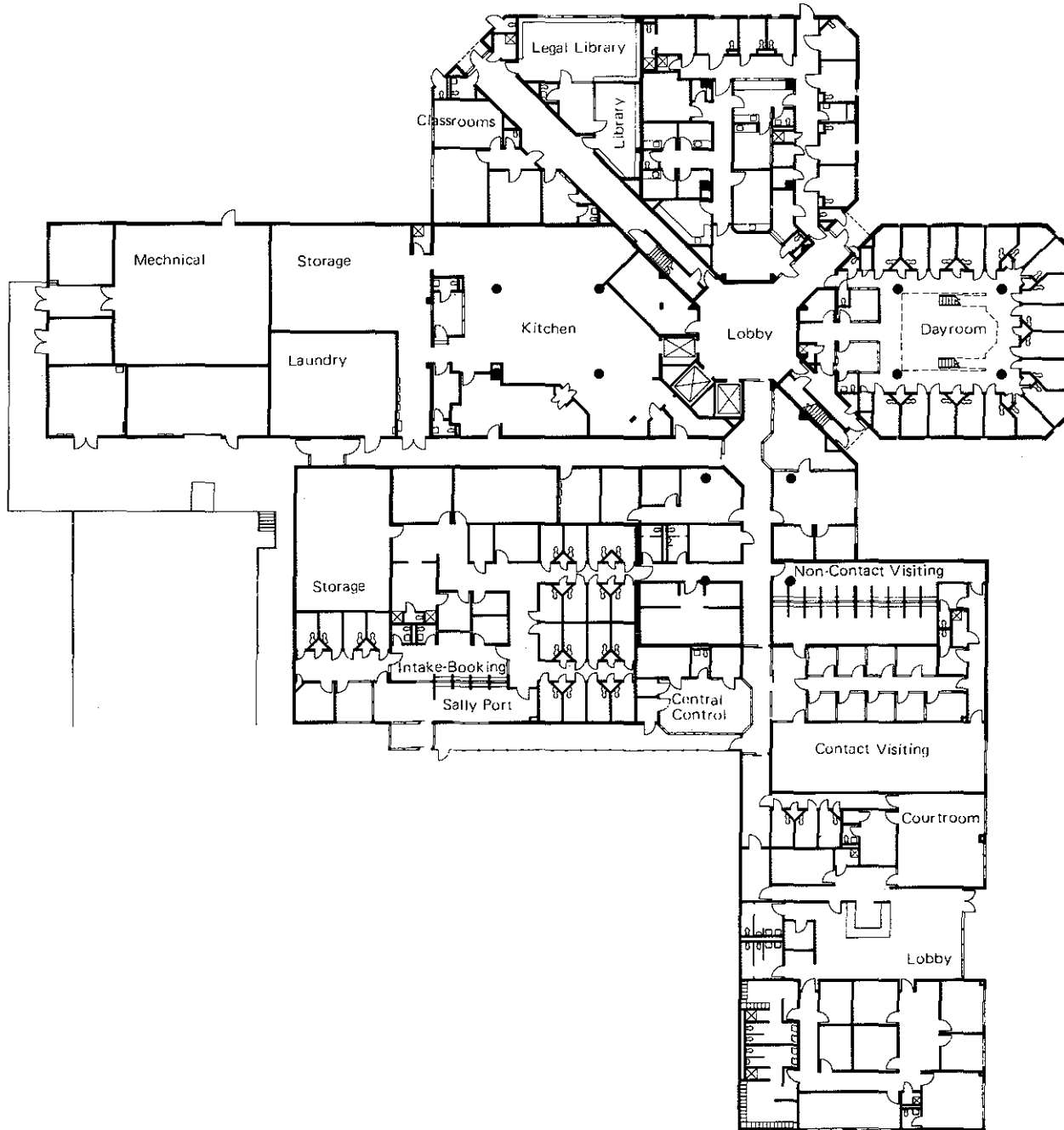
Jurisdiction official: Clarence Dupnik, Sheriff

Contact: Major Dennis Douglas, Pima County Adult Detention Center, 1270 West Silverlake Road, P.O. Box 910, Tucson, AZ 85702, 602-882-2848

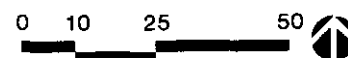
Architect: Architecture One, Ltd., 6303 East Tanque Verde, S-200, Tucson, AZ 85715, 602-722-0400

Construction manager: Kitchell, CEM, Inc., 1006 South 24th Street, Phoenix, AZ 85034, 602-275-7541

| | | |
|--|---|--|
| <p>Groundbreaking: July 1981 Finish date: July 1984 Construction time: 37 months</p> | <p>Design capacity: 499 Total cost: \$14,800,000 Total annual operating costs: \$10,250,000</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: High rise</p> |
| <p>Costs</p> <p>Total: \$14,800,000 Building only: \$14,100,000 Housing area: \$13,200,000 Housing per inmate: \$28,205 Housing per cell: \$28,205 Total per inmate: \$29,659 Total per GSF: \$105.71 Total annual operating costs: \$10,250,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 140,000 Gross square feet/other: 0 Gross square feet/total: 140,000 Housing area square feet: 76,999 Gross square feet per inmate: 281 Size of cells: 71 square feet (single) Net/gross square feet: 80%</p> <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete; CMU block Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Stucco; paint</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 36 Inmates per unit: 36 Management type: Direct supervision October 1985 population: 380 Facility commitment: Local jail inmates Means to handle crowding: Beds in dayroom; second bunk can be attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior; double fence; razor wire on and between fences Inmate security level: Maximum: 15% Medium: 85% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 468 Double occupancy: 0 Dorms: 0 Special housing: 31 General population: 468 Total: 499</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 53 Security: 240 Programs/treatment: 36 Maintenance: 13 Total: 342 Current inmate/staff ratio: 1.11:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Carpet; sealed concrete Intercom: Two-way to common areas HVAC: Evaporative cooling; boiler Plumbing: Stainless combination unit Furniture: Steel; vinyl/plastic Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas; manual alarm stations</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Repetitiveness of design; good competition, favorable market; use of cast-in-place concrete Negative: Government procedures, regulations, "red tape"; complex security electronics systems</p> <p>Factors affecting time schedule: Positive: Repetitiveness of design; owner and architect had onsite representation Negative: Use of cast-in-place concrete; special design of cell light fixtures; government procedures, regulations, "red tape"; complex security electronics systems</p> |



First Floor Plan



Pima County Adult Detention Center (Addition)

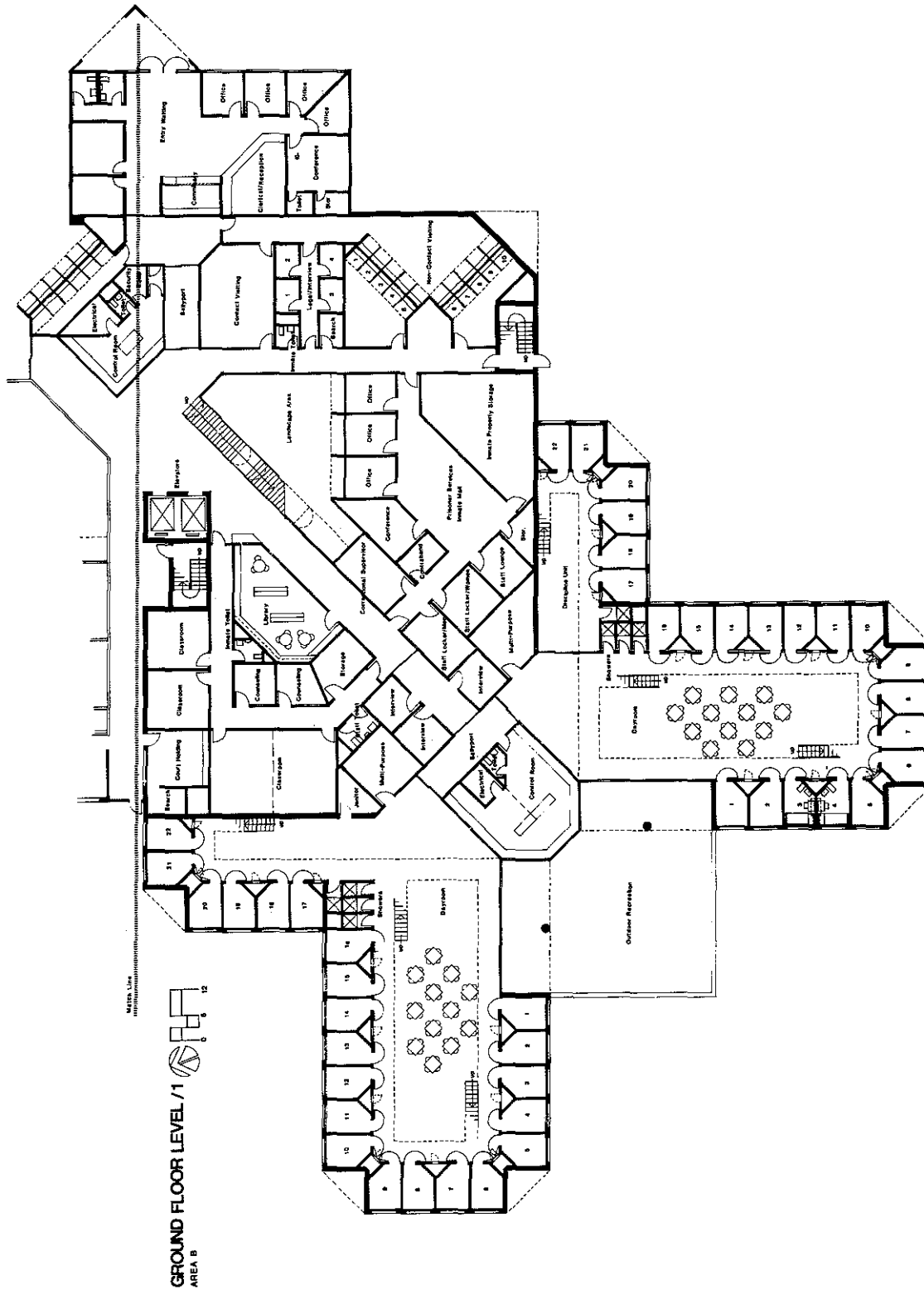
Jurisdiction official: Clarence Dupnik, Sheriff

Contact: Major Dennis Douglas, Pima County Adult Detention Center, 1270 West Silverlake Road, P.O. Box 910, Tucson, AZ 85702, 602-882-2848

Architect: Architecture One, Ltd., 6303 East Tanque Verde, S-200, Tucson, AZ 85715, 602-722-0400

Construction manager: Reese-Carr, 4350 East Camelback, 160 C Camel Square, Phoenix, AZ 85018, 602-952-8171

| | | |
|---|---|---|
| <p>Groundbreaking: July 1984 Finish date: August 1986 Construction time: 25 months</p> | <p>Design capacity: 282 Total cost: \$8,400,000 Total annual operating costs: \$4,200,615 (addition only)</p> | <p>Category: New, ancillary building Facility type: County jail Building configuration: Wheel</p> |
| <p>Costs</p> <p>Total: \$8,400,000 Building only: \$7,900,000 Housing area: \$7,000,000 Housing per inmate: \$26,415 Housing per cell: \$55,118 Total per inmate: \$29,787 Total per GSF: \$102.43 Total annual operating costs: \$4,200,615 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 82,000 Gross square feet/other: 0 Gross square feet/total: 82,000 Housing area square feet: 33,273 Gross square feet per inmate: 291 Size of cells: 71 square feet (single) Net/gross square feet: 83%</p> <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete; CMU block Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Stucco; paint</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Direct supervision October 1985 population: N/A Facility commitment: Local jail inmates Means to handle crowding: Beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 0 Medium: 45% Minimum: 55%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 121 Double occupancy: 0 Dorms: 144 Special housing: 17 General population: 265 Total: 282</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 5 Security: 56 Programs/treatment: 13 Maintenance: 3 Total: 77 (addition only) Current inmate/staff ratio: N/A</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Carpet; sealed concrete Intercom: Two-way to cells and common areas HVAC: Evaporative cooling; boiler Plumbing: China Furniture: Steel; vinyl/plastic Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas; manual alarm stations</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Repetitiveness of design; less expensive materials and hardware; use of cast-in-place concrete Negative: Slow construction, lengthy building time; compact site; government procedures, regulations, "red tape"</p> <p>Factors affecting time schedule: Positive: Repetitiveness of design Negative: Labor problems; complex electronic, mechanical, and electrical systems</p> | |

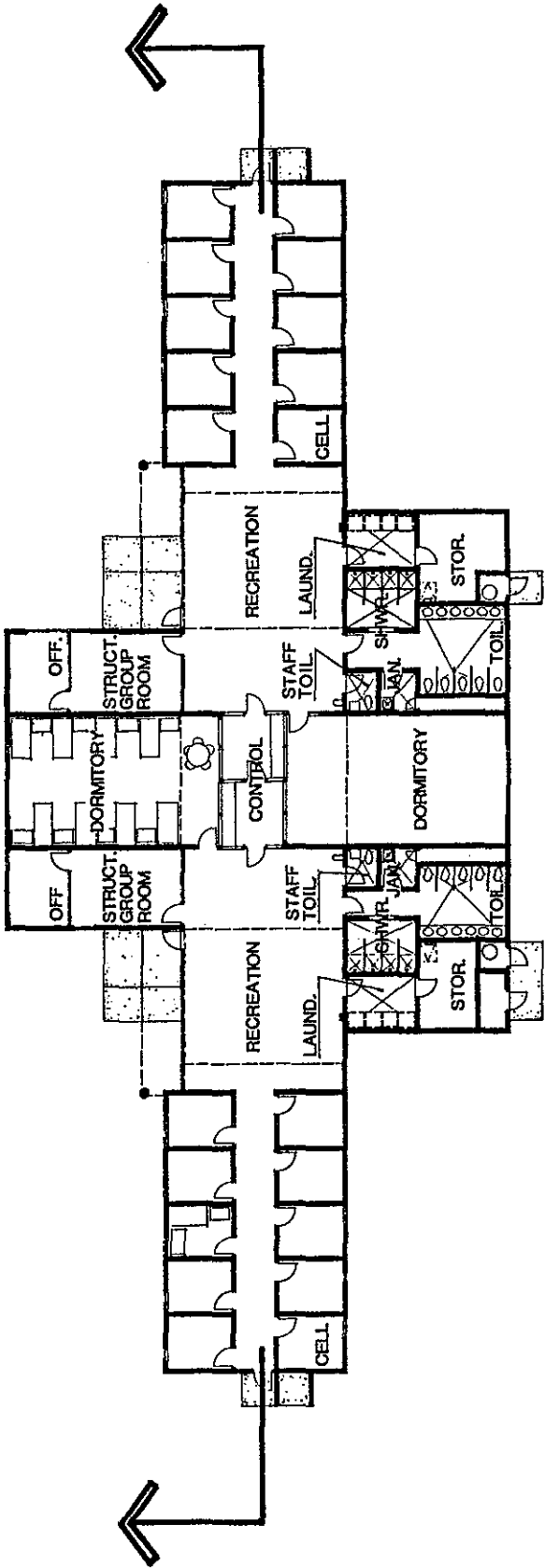


Pinal Mountain Juvenile Institution

Jurisdiction official: Carol Moore, Assistant Director, Juvenile and Community Services

Contact: Superintendent Ben Meyers, Pinal Mountain Juvenile Institution, P.O. Box 2799, Globe, AZ 85501, 602-425-7174
Architect: DLR Group/Lescher and Mahoney, 1130 East Missouri, Suite 850, Phoenix, AZ 85014, 602-264-6803
Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: August 1986 Finish date: November 1987 Construction time: 15 months</p> | <p>Design capacity: 144 Total cost: \$3,215,320 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: Juvenile correctional facility Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$3,215,320 Building only: \$2,629,592 Housing area: \$1,492,304 Housing per inmate: \$10,363 Housing per cell: \$33,916 Total per inmate: \$22,326 Total per GSF: \$88.18 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 36,464 Gross square feet/other: 0 Gross square feet/total: 36,464 Housing area square feet: 16,100 Gross square feet per inmate: 224 Size of cells: 80 square feet (double); 650 (dorms) Net/gross square feet: 85%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 20 Inmates per unit: 36 Management type: Remote surveillance December 1987 population: 0 Facility commitment: Juvenile offenders Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Masonry bearing Exterior walls: CMU block Interior walls: CMU block; wood frame Exterior surface/facade: Textured concrete; colored concrete</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: Limited; landscaping/fencing Use of prefabrication: Moderate; precast concrete roof system</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; wooden Doors/type: Swinging Doors/locking: No locks Floor surface: Sealed concrete Intercom: Unknown HVAC: Heating/air circulation; gas heat Plumbing: China Furniture: Unknown Fire protection: Sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 80 Dorms: 64 Special housing: 0 General population: 144 Total: 144</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 14 Security: 49 Programs/treatment: 29 Maintenance: 10 Total: 102 Current inmate/staff ratio: N/A</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: None</p> |



Sacaton Juvenile Rehabilitation Center (Addition)

Jurisdiction official: Henry L. Spomer, Agency Special Officer, Bureau of Indian Affairs

Contact: Captain James Burgess, Sacaton Juvenile Rehabilitation Center, P.O. Box 568, Usis #7 & Canal, Sacaton, AZ 85247, 602-562-3361

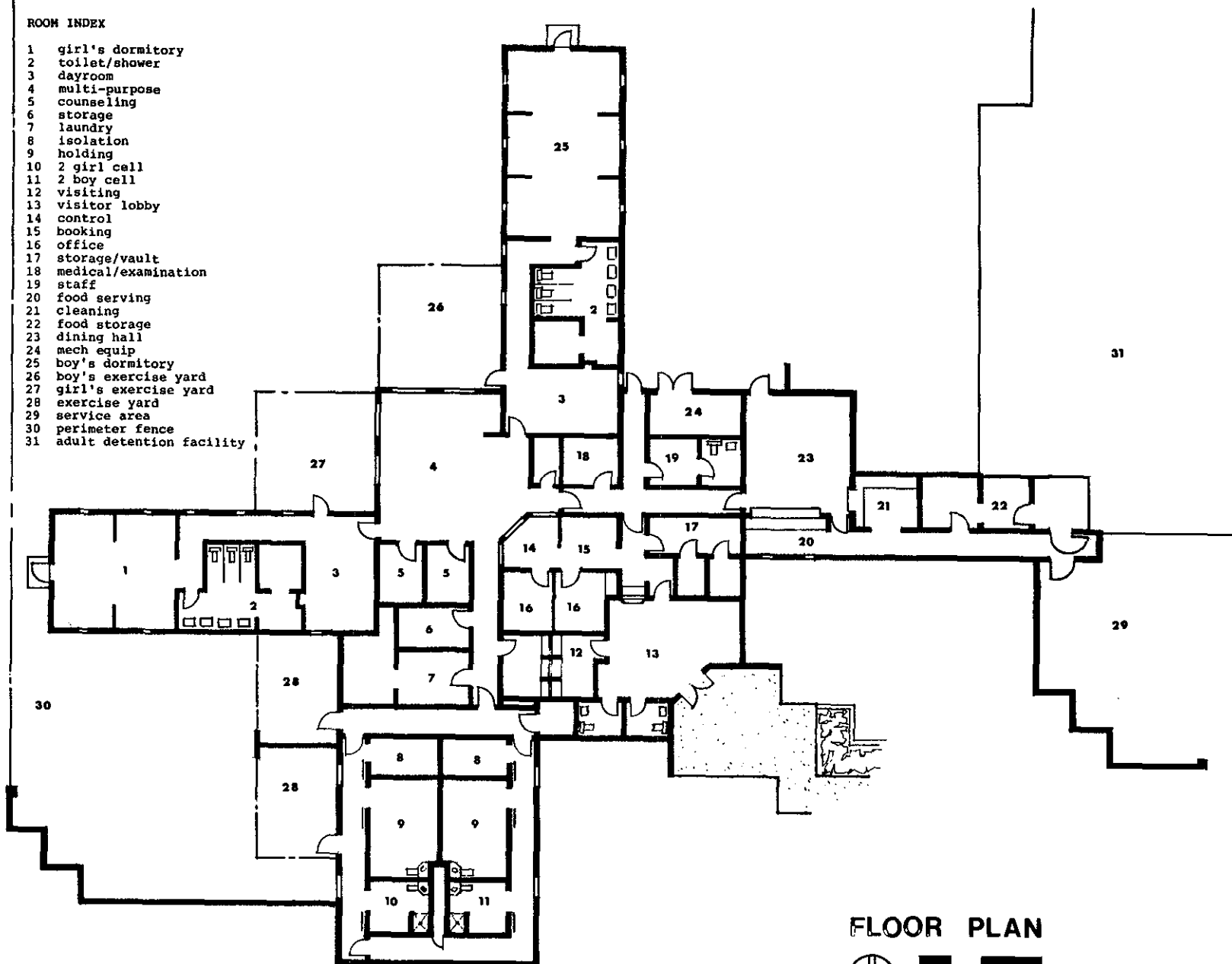
Architect: Franz Zwolensky Associates, Architecture/Planning, 3150 North 24th Street, Suite 205-A, Phoenix, AZ 85016, 602-224-9738

Construction manager: None

| | | |
|---|---|--|
| <p>Groundbreaking: July 1984 Finish date: April 1985 Construction time: 9 months</p> | <p>Design capacity: 40 Total cost: \$1,268,093 Total annual operating costs: \$576,921 (addition only)</p> | <p>Category: New, ancillary building Facility type: Bureau of Indian Affairs juvenile rehabilitation center Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,268,093 Building only: \$1,177,951 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$31,702 Total per GSF: \$162.58 Total annual operating costs: \$576,921 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 7,800 Gross square feet/other: 0 Gross square feet/total: 7,800 Housing area square feet: 5,230 Gross square feet per inmate: 195 Size of cells: 90 square feet (double); 84 (spec. single); 204 (spec. dorms) Net/gross square feet: 74%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside; linear, inside Cells per unit: Unknown Inmates per unit: Unknown Management type: Intermittent surveillance; remote surveillance June 1987 population: 16 Facility commitment: Juveniles Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior only; single fence with razor wire; patrols; camera surveillance Inmate security level: Maximum: 0 Medium: 30% Minimum: 70%</p> | <p>Construction type</p> <p>Structural: Steel frame; load bearing CMU walls Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Stucco; split face CMU block</p> | <p>Construction process</p> <p>Finance method: Federal funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking; manual locking Floor surface: Sealed concrete; padding in isolation Intercom: Two-way to cells; one-way to common areas HVAC: Heating/air circulation; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 4 Dorms: 20 Special housing: 16 General population: 24 Total: 40</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 6 Security: 14 Programs/treatment: 4 Maintenance: 0 Total: 24 (addition only) Current inmate/staff ratio: 0.67:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Government procedures, regulations, and red tape</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; advanced order of materials and hardware; coordination of design, construction/owner Negative: Government procedures, regulations, and red tape</p> |

ROOM INDEX

- 1 girl's dormitory
- 2 toilet/shower
- 3 dayroom
- 4 multi-purpose
- 5 counseling
- 6 storage
- 7 laundry
- 8 isolation
- 9 holding
- 10 2 girl cell
- 11 2 boy cell
- 12 visiting
- 13 visitor lobby
- 14 control
- 15 booking
- 16 office
- 17 storage/vault
- 18 medical/examination
- 19 staff
- 20 food serving
- 21 cleaning
- 22 food storage
- 23 dining hall
- 24 mech equip
- 25 boy's dormitory
- 26 boy's exercise yard
- 27 girl's exercise yard
- 28 exercise yard
- 29 service area
- 30 perimeter fence
- 31 adult detention facility



FLOOR PLAN

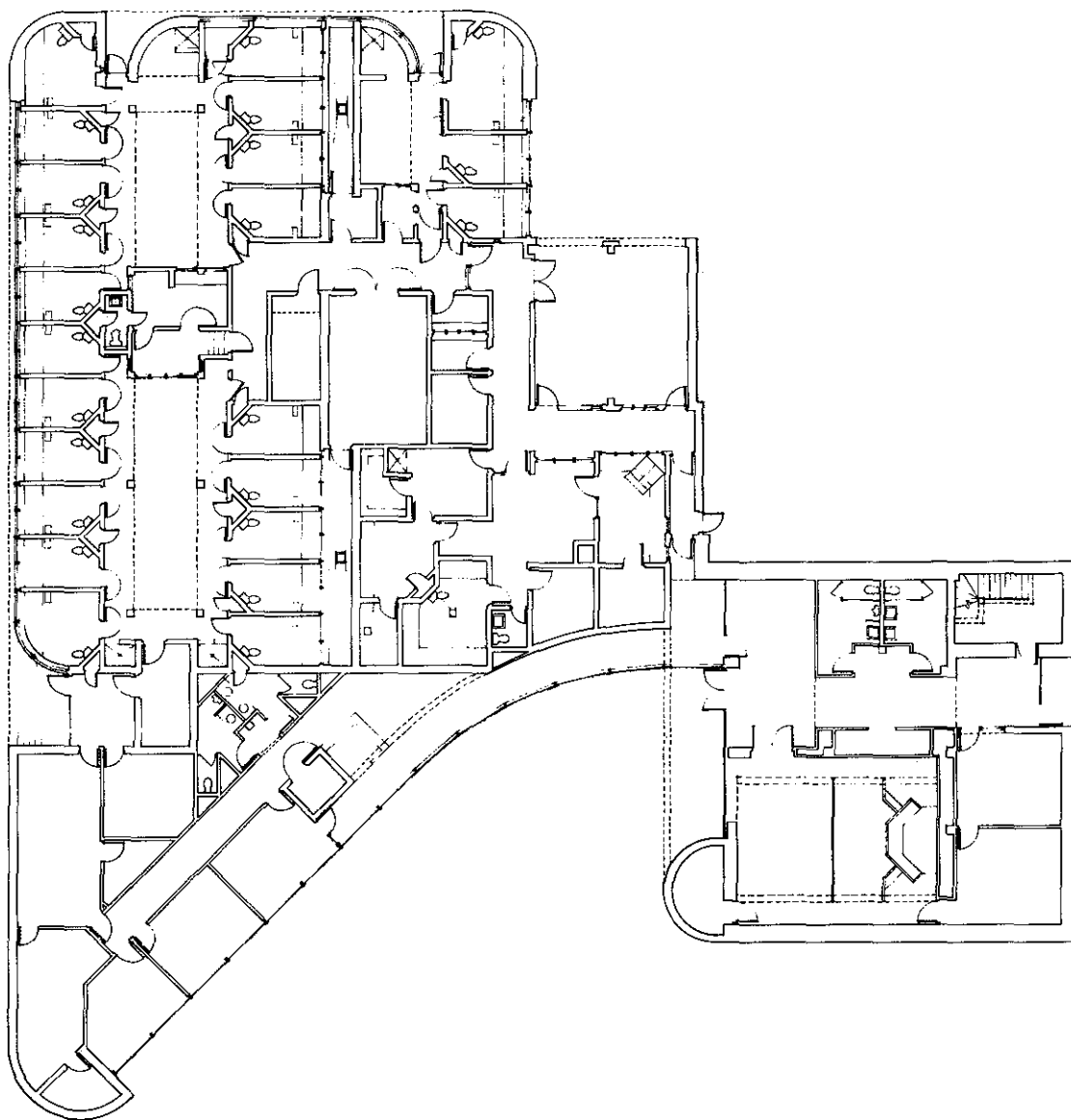


Clark County Detention Facility (Expansion)

Jurisdiction official: James A. "Al" Harris, Sheriff

Contact: Sheriff James A. "Al" Harris, Clark County Detention Facility, Courthouse Square, Arkadelphia, AR 71923, 501-246-2222
Architect: Burt Taggart & Associates/Architects, 4500 Burrow Drive, North Little Rock, AR 72116, 501-758-7443
Construction manager: None

| | | |
|---|--|--|
| <p>Groundbreaking: October 1984 Finish date: May 1986 Construction time: 19 months</p> | <p>Design capacity: 32 Total cost: \$1,943,469 Total annual operating costs: \$192,652 (expansion only)</p> | <p>Category: Expansion project Facility type: Complex: county jail, law enforcement, courts, county emergency center Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$1,943,469 Building only: \$1,929,969 Housing area: \$964,125 Housing per inmate: \$40,172 Housing per cell: \$41,918 Total per inmate: N/A (complex) Total per GSF: \$116.40 Total annual operating costs: \$192,652 (expansion only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 7,713 Gross square feet/other: 8,983 Gross square feet/total: 16,696 Housing area square feet: 7,713 Gross square feet per inmate: 241 Size of cells: 74 square feet (single) Net/gross square feet: 90%</p> <p>Construction type</p> <p>Structural: Steel frame; cast-in-place concrete frame; reinforced CMU load bearing walls Exterior walls: Cast-in-place concrete; CMU block; brick Interior walls: Precast panels; cast-in-place concrete; CMU block; brick Exterior surface/facade: Brick; textured concrete</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 23 Inmates per unit: 24 Management type: Remote surveillance June 1986 population: 20 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior; alarm/detection systems; video camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 22 Double occupancy: 2 Dorms: 0 Special housing: 8 General population: 24 Total: 32</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 7 Programs/treatment: N/A Maintenance: 1 Total: 9 (expansion only) Current inmate/staff ratio: 2.22:1</p> | <p>Construction process</p> <p>Finance method: Special election; 2-year county sales tax increase Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; panels for roof structure and ceilings</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Epoxy coating; sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; heating/air circulation; gas heat Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; good competition, favorable market Negative: Slow construction, lengthy building time; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers; weather problems</p> | |



Cummins Unit—Medium Security (Remodel/Expansion)

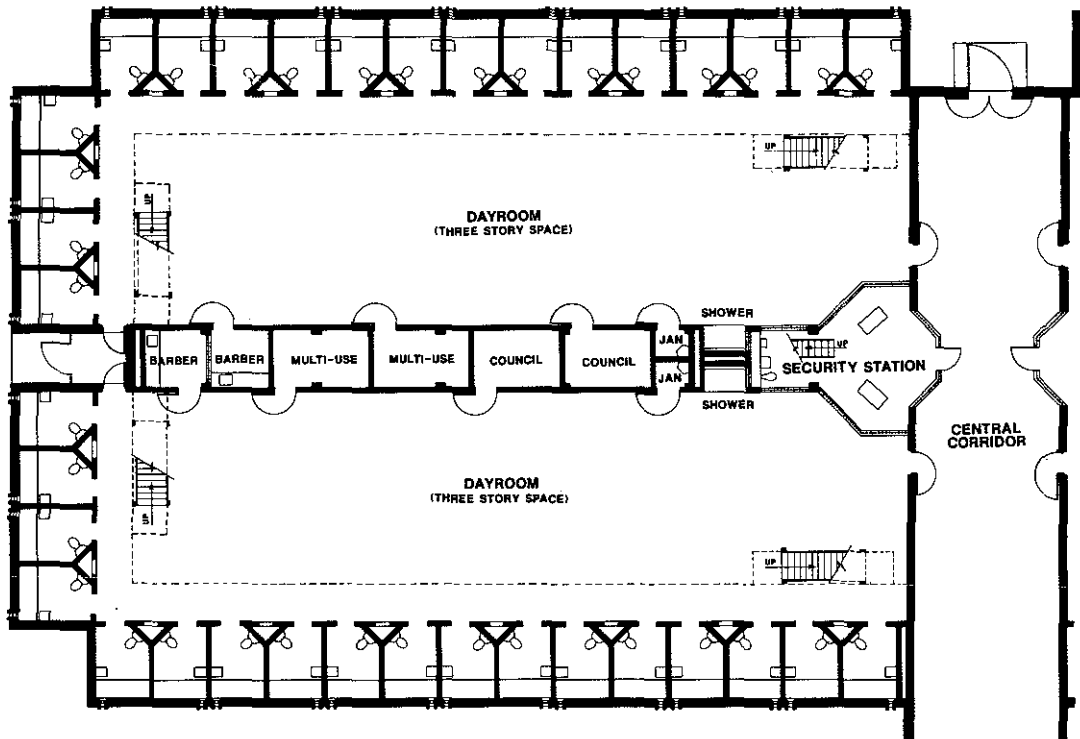
Jurisdiction official: A.L. Lockhart, Director, Department of Correction

Contact: Warden W.H. Sargent, Cummins Unit, Arkansas Department of Corrections, P.O. Box 500, Grady, AR 71644, 501-479-3311

Architect: Wittenberg, Delony & Davidson, Inc., 840 Savers Federal Building, Little Rock, AR 72201, 501-376-6681

Construction manager: Con-Ark Construction Company, 610 Garland Street, Little Rock, AR 72201, 501-376-1371

| | | |
|--|---|---|
| <p>Groundbreaking: December 1977 Finish date: April 1979 Construction time: 17 months</p> | <p>Design capacity: 184 Total cost: \$2,174,184 Total annual operating costs: \$600,586 (expansion only)</p> | <p>Category: Remodeling/renovation project; expansion project Facility type: State prison Building configuration: Telephone pole connecting housing pods</p> |
| <p>Costs</p> <p>Total: \$2,174,184 Building only: N/A Housing area: N/A Housing per inmate: N/A Housing per cell: N/A Total per inmate: \$11,816 Total per GSF: \$56.21 Total annual operating costs: \$600,586 (expansion only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 38,680 Gross square feet/other: 0 Gross square feet/total: 38,680 Housing area square feet: N/A Gross square feet per inmate: 210 Size of cells: 70 square feet (single) Net/gross square feet: N/A</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 92 Inmates per unit: 92 Management type: Remote surveillance October 1985 population: 368 Facility commitment: State prisoners Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load bearing precast panels Exterior walls: Precast panels Interior walls: Precast panels Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate, precast concrete wall panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 184 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 184 Total: 184</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 3 Security: 42 Programs/treatment: 6 Maintenance: 3 Total: 54 (addition only) Current inmate/staff ratio: 6.81:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; less expensive materials and hardware Negative: Building within existing prison compound</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods Negative: None</p> |



TYPICAL 108 BED HOUSING UNIT

SCALE

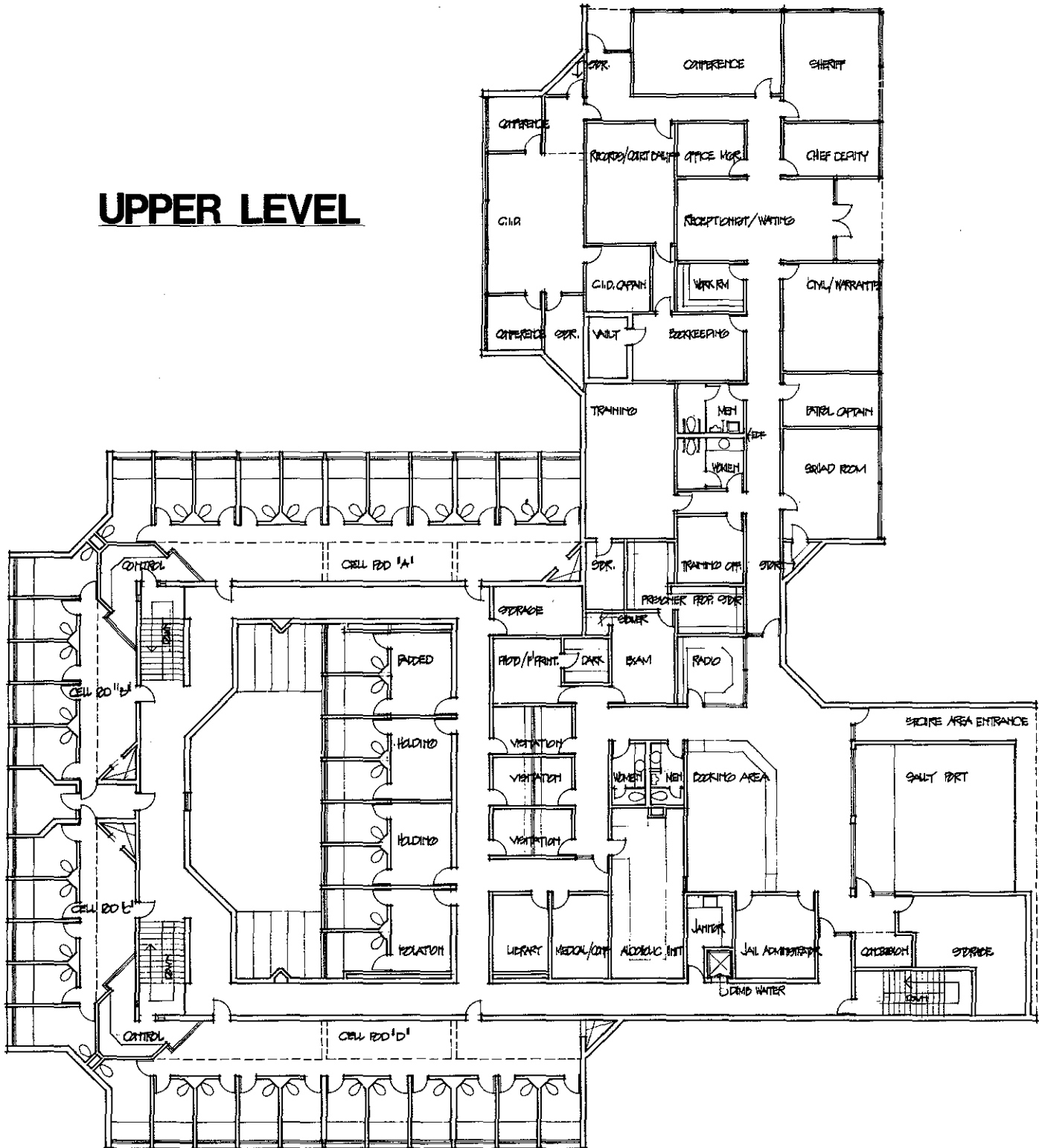
Garland County Detention Facility

Jurisdiction official: Clay White, Sheriff

Contact: Sheriff Clay White, Garland County Detention Facility, 503 Ouachita Avenue, Hot Springs, AR 71901, 501-321-2683
Architect: Burt Taggart & Associates/Architects, 4500 Burrow Drive, North Little Rock, AR 72116, 501-758-7443
Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: June 1984 Finish date: January 1986 Construction time: 19 months</p> | <p>Design capacity: 96 Total cost: \$3,757,412 Total annual operating costs: \$409,910</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$3,757,412 Building only: \$3,577,708 Housing area: \$2,983,608 Housing per inmate: \$37,295 Housing per cell: \$37,295 Total per inmate: \$39,140 Total per GSF: \$91.55 Total annual operating costs: \$409,910</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 41,041 Gross square feet/other: 0 Gross square feet/total: 41,041 Housing area square feet: 26,172 Gross square feet per inmate: 273 Size of cells: 82 square feet (single) Net/gross square feet: 90%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 11 Inmates per unit: 11 Management type: Remote surveillance June 1986 population: 72 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance; razor wire at exercise yard Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame; steel framing; CMU block Exterior walls: Cast-in-place concrete; brick; architectural precast Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Brick; textured concrete</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive; concrete floor and ceiling slabs</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid Doors/type: Swinging Doors/locking: Remote locking Floor surface: Carpet; sealed concrete; vinyl tile Intercom: Two-way to cells and common areas HVAC: Heating/air circulation; gas heat Plumbing: Stainless combination unit Furniture: Steel; wood; vinyl/plastic Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 80 Double occupancy: 0 Dorms: 0 Special housing: 16 General population: 80 Total: 96</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 19 Programs/treatment: 0 Maintenance: 1 Total: 21 Current inmate/staff ratio: 3.43:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; simple construction methods, repetitiveness of design; good competition, favorable market Negative: Attachment to existing systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design Negative: Weather problems; complex electronic, mechanical, and electrical systems</p> |

UPPER LEVEL

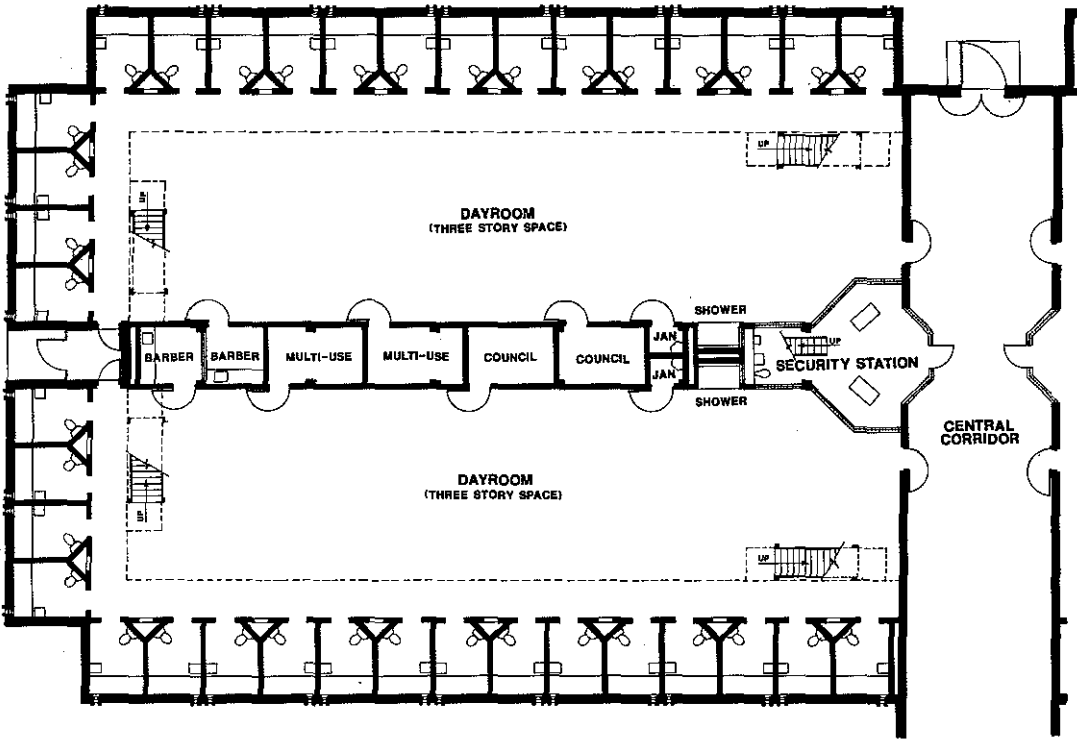


Maximum Security Unit, Tucker Unit

Jurisdiction official: A.L. Lockhart, Director, Department of Corrections

Contact: Warden Larry Norris, Maximum Security Unit, General Delivery, Tucker, AR 72168, 501-541-0040
Architect: Wittenberg, Delony & Davidson, Inc., 840 Savers Federal Building, Little Rock, AR 72201, 501-376-6681
Construction manager: None

| | | |
|---|---|--|
| <p>Groundbreaking: December 1981 Finish date: February 1986 Construction time: 50 months</p> | <p>Design capacity: 492 Total cost: \$10,694,000 Total annual operating costs: \$4,034,006</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$10,694,000 Building only: N/A Housing area: \$4,800,000 Housing per inmate: \$11,111 Housing per cell: \$11,111 Total per inmate: \$21,736 Total per GSF: \$64.11 Total annual operating costs: \$4,034,006</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 166,816 Gross square feet/other: 0 Gross square feet/total: 166,816 Housing area square feet: 96,044 Gross square feet per inmate: 339 Size of cells: 70 square feet (single) Net/gross square feet: N/A</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 54 Inmates per unit: 54 Management type: Remote surveillance October 1985 population: 300 Facility commitment: State prisoners Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fence; towers; patrols Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load bearing masonry and precast concrete floor panels Exterior walls: Brick Interior walls: Precast panels; CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional; owner build/inmate labor Use of inmate labor: Extensive for additional areas Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning; gas-fired boiler Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 432 Double occupancy: 0 Dorms: 0 Special housing: 60 General population: 432 Total: 492</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 26 Security: 107 Programs/treatment: 9 Maintenance: 7 Total: 149 Current inmate/staff ratio: 2.01:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of inmate labor; owner-constructed exterior utilities Negative: None</p> <p>Factors affecting time schedule: Positive: Phased construction Negative: None</p> |



TYPICAL 108 BED HOUSING UNIT

SCALE

Saline County Detention Facility (New and Remodel)

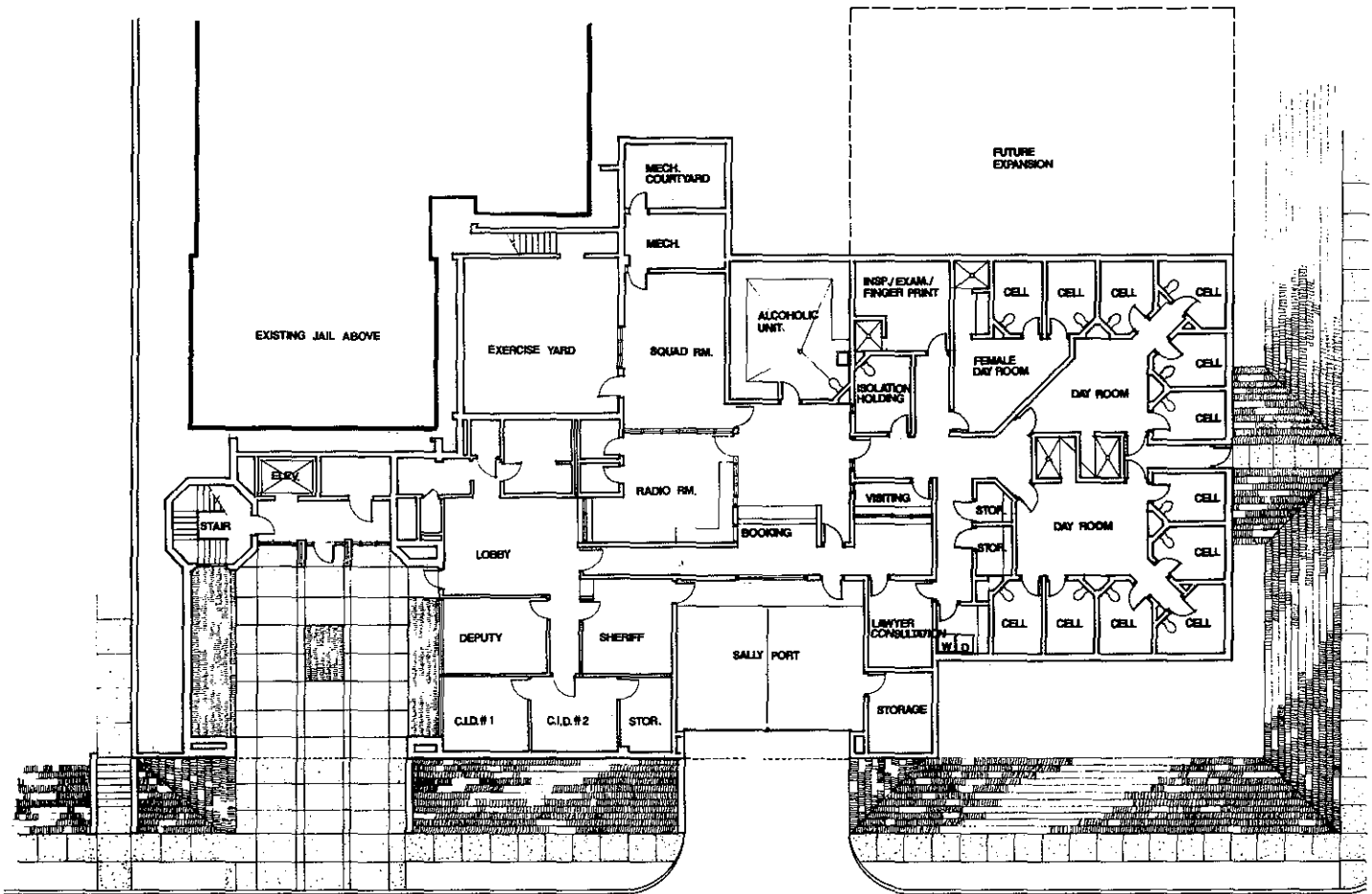
Jurisdiction official: James Steed, Sheriff

Contact: Albert Wyllia, Jail Administrator, Saline County Detention Facility, Saline County Courthouse, Benton, AR 72015, 501-778-3611

Architect: Burt Taggart & Associates/Architects, 4500 Burrow Drive, North Little Rock, AR 72116, 501-758-7443

Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: March 1982 Finish date: September 1983 Construction time: 18 months</p> | <p>Design capacity: 27 Total cost: \$856,713 Total annual operating costs: \$137,459</p> | <p>Category: New, independent facility added to courthouse, with remodel of old jail into county offices Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$856,713 Building only: \$833,420 Housing area: \$552,200 Housing per inmate: \$42,477 Housing per cell: \$42,477 Total per inmate: N/A (complex) Total per GSF: \$93.91 Total annual operating costs: \$137,459</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 7,731 Gross square feet/other: 1,392 Gross square feet/total: 9,123 Housing area square feet: 4,605 Gross square feet per inmate: 286 Size of cells: 74 square feet (single) Net/gross square feet: 91%</p> <p>Construction type</p> <p>Structural: Steel frame, cast-in-place concrete frame, reinforced CMU load bearing walls Exterior walls: Cast-in-place concrete; CMU block; granite Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Earth berm and granite veneer</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: Unknown Inmates per unit: Unknown Management type: Intermittent surveillance June 1986 population: 18 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Neighboring jails</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 13 Double occupancy: 0 Dorms: 0 Special housing: 14 General population: 13 Total: 27</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 4 Programs/treatment: 0 Maintenance: 0 Total: 5 Current inmate/staff ratio: 3.60:1</p> | <p>Construction process</p> <p>Finance method: Special election; local funds; 2-year county sales tax increase Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; roof slabs</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Epoxy coating; sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; heating/air circulation; gas heat Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for common areas and cells; manual alarm stations</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; good competition, favorable market Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; coordination of design between parties Negative: Weather problems</p> |



Alameda County North County Jail

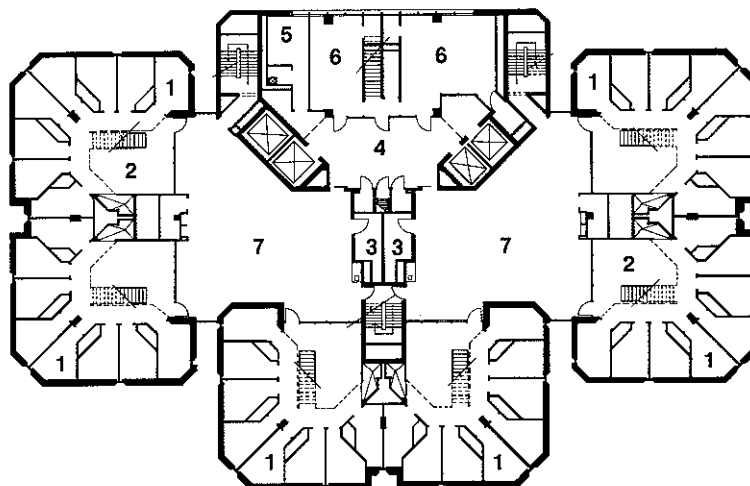
Jurisdiction official: Charles C. Plummer, Sheriff

Contact: Morris L. Hickerson, Facility Manager, Alameda County North County Jail, 550 6th Street, Oakland, CA 94607, 415-268-7763

Architect: Hellmuth, Obata & Kassabaum, Inc., One Lombard Street, San Francisco, CA 94111, 415-627-1600

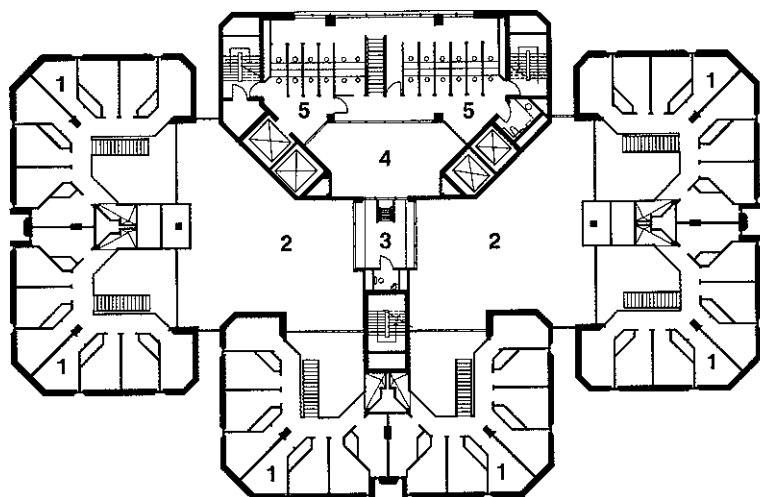
Construction manager: None

| | | |
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| <p>Groundbreaking: May 1978 Finish date: July 1984 Construction time: 74 months</p> | <p>Design capacity: 596 Total cost: \$23,000,000 Total annual operating costs: \$10,637,099</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure; high rise; clusters</p> |
| <p>Costs</p> <p>Total: \$23,000,000 Building only: \$22,000,000 Housing area: \$15,000,000 Housing per inmate: \$26,042 Housing per cell: \$26,042 Total per inmate: \$38,591 Total per GSF: \$110.58 Total annual operating costs: \$10,637,099</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 208,000 Gross square feet/other: 0 Gross square feet/total: 208,000 Housing area square feet: 144,000 Gross square feet per inmate: 349 Size of cells: 71 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Remote surveillance October 1985 population: 576 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Bunk beds in cell; second bunk attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 16.5% Medium: 67% Minimum: 16.5%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete Interior walls: Gunité Exterior surface/facade: Unknown</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: One-way to cells; two-way to common areas HVAC: Heating/air circulation only Plumbing: Stainless steel Furniture: Concrete Fire protection: Smoke detectors for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 576 Double occupancy: 0 Dorms: 0 Special housing: 20 General population: 576 Total: 596</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 70 Security: 158 Programs/treatment: 22 Maintenance: 20 Total: 270 Current inmate/staff ratio: 2.13:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Efficiency of area/bed plan; extensive value engineering Negative: Slow construction, lengthy building time</p> <p>Factors affecting time schedule: Positive: None Negative: Performance of contractors</p> |



Typical Housing Level

- 1 Cell
- 2 Dayroom
- 3 Counselor
- 4 Sally Port
- 5 Medical
- 6 Multi-purpose
- 7 Exercise/Dining

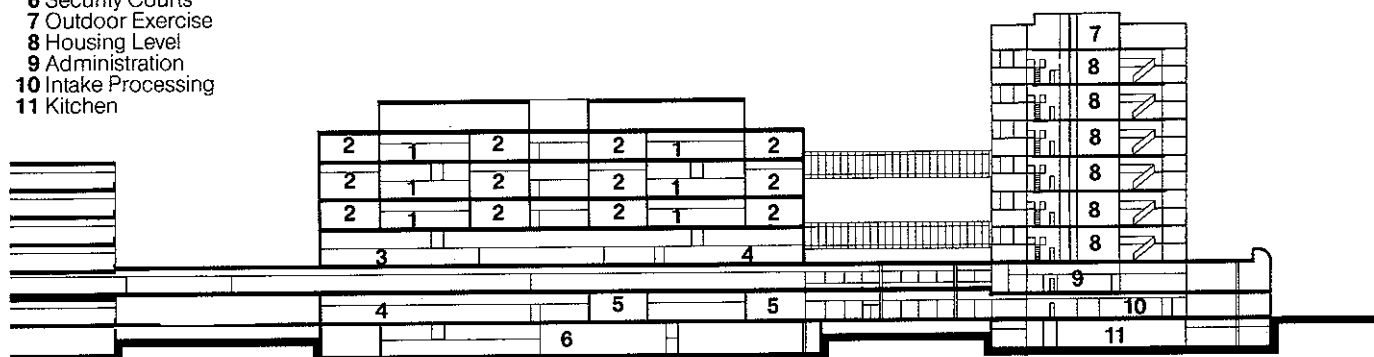


Typical Mezzanine Level

- 1 Cell
- 2 Dayroom Below
- 3 Control
- 4 Sally Port Below
- 5 Visiting

Section

- 1 Support
- 2 Courtroom
- 3 Jury Assembly
- 4 Municipal Offices
- 5 Traffic Court
- 6 Security Courts
- 7 Outdoor Exercise
- 8 Housing Level
- 9 Administration
- 10 Intake Processing
- 11 Kitchen



California Correctional Institution

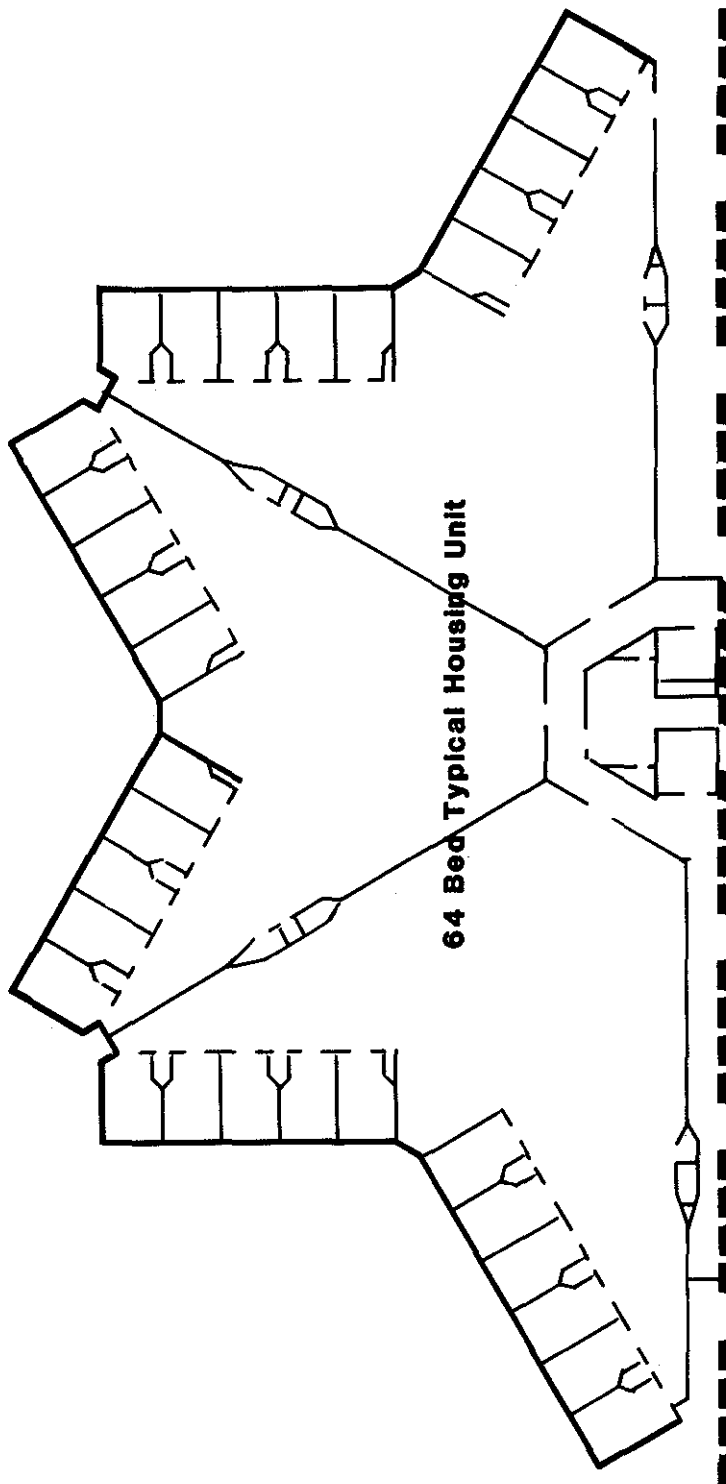
Jurisdiction official: James Rowland, Director, Department of Corrections

Contact: Superintendent B.J. Bunnell, California Correctional Institution, P.O. Box 1031, Tehachapi, CA 93561, 805-822-4402

Architect: VBN/Gruzen, 251 Post Street, San Francisco, CA 94108, 415-956-5515

Construction manager: Heery/VCM, 660 J Street, Sacramento, CA 95812, 916-448-8474

| | | |
|--|---|--|
| <p>Groundbreaking: May 1982 Finish date: March 1986 Construction time: 46 months</p> | <p>Design capacity: 1,000 Total cost: \$71,108,726 Total annual operating costs: \$30,250,000</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Courtyard</p> |
| <p>Costs</p> <p>Total: \$71,108,726 Building only: \$59,058,062 Housing area: \$39,093,518 Housing per inmate: \$39,094 Housing per cell: \$39,094 Total per inmate: \$71,109 Total per GSF: \$150.65 Total annual operating costs: \$30,250,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 472,000 Gross square feet/other: 0 Gross square feet/total: 472,000 Housing area square feet: 322,840 Gross square feet per inmate: 472 Size of cells: 86 square feet (single) Net/gross square feet: 65%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 62 and 64 Inmates per unit: 62 and 64 Management type: Remote surveillance March 1986 population: 1,000 Facility commitment: State prisoners Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; towers Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Structural: Steel frame; cast-in-place concrete frame Exterior walls: Precast panels; cast-in-place concrete; CMU block Interior walls: Cast-in-place; CMU block Exterior surface/facade: Paint; exterior insulated finish system</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional; construction management Use of inmate labor: None Use of prefabrication: Precast concrete exterior panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Heating/air circulation only; economizer energy cycle; central heating plant; steam and hot water boiler Plumbing: Stainless Furniture: Steel; concrete Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas</p> | <p>Single occupancy: 1,000 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 1,000 Total: 1,000</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 87 Security: 496 Programs/treatment: 73 Maintenance: 38 Total: 694 Current inmate/staff ratio: 1.44:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Slow construction, lengthy building time; difficult site conditions; government procedures, regulations, "red tape"; complex electronic, mechanical, and electrical systems Factors affecting time schedule: Positive: None Negative: Slow responses and delivery from vendors, suppliers; government procedures, regulations, "red tape"; complex electronic, mechanical, and electrical systems; remote location of site</p> |



California Medical Facility—South

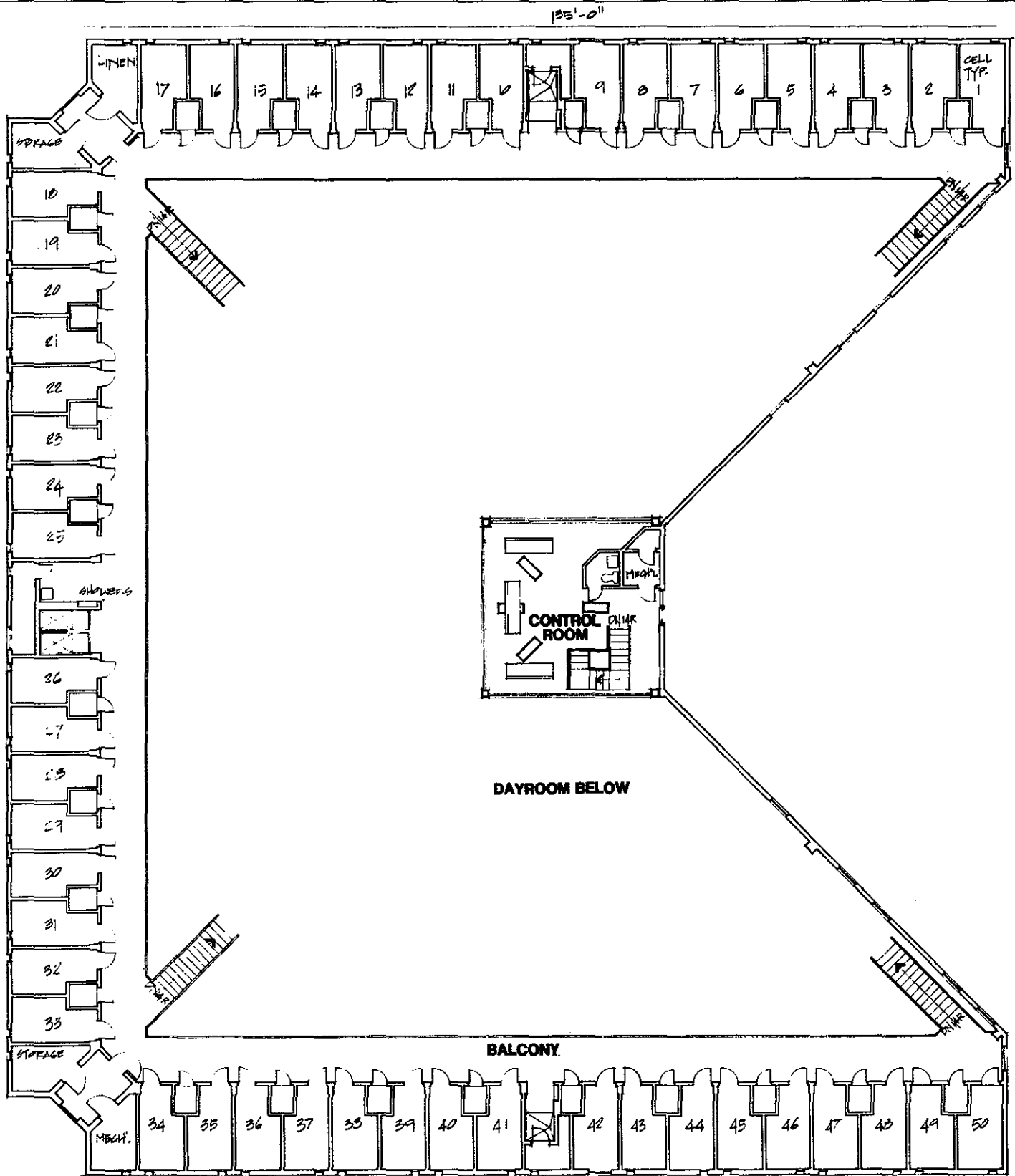
Jurisdiction official: James Rowland, Director, Department of Corrections

Contact: Superintendent Eddie Yost, California Medical Facility-South, P.O. Box 2000, Vacaville, CA 95696-4000, 707-448-6841

Architect: Giffels/Del Campo & Maru, 45 Lansing Street, San Francisco, CA 94105, 415-777-4025

Construction manager: O'Brien Kreitzberg Associates, P.O. Box 1088, Vacaville, CA 95696, 707-448-4168

| | | |
|--|--|---|
| <p>Groundbreaking: January 1984 Finish date: August 1986 Construction time: 31 months</p> | <p>Design capacity: 2,404 Total cost: \$111,000,000 Total annual operating costs: \$39,973,996</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$111,000,000 Building only: \$85,000,000 Housing area: \$43,000,000 Housing per inmate: \$17,887 Housing per cell: \$31,341 Total per inmate: \$46,173 Total per GSF: \$101.46 Total annual operating costs: \$39,973,996</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 1,094,000 Gross square feet/other: 0 Gross square feet/total: 1,094,000 Housing area square feet: 423,000 Gross square feet per inmate: 455 Size of cells: 60 square feet (single); 305 (dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 100 Inmates per unit: 100 Management type: Remote surveillance; intermittent in dorms December 1986 population: 3,719 Facility commitment: State prisoners Means to handle crowding: Additional beds in dorms</p> |
| <p>Security</p> <p>Perimeter: Double fence; microwave detection system; towers Inmate security level: Maximum: 0 Medium: 50% Minimum: 50%</p> | <p>Construction type</p> <p>Structural: Precast concrete; steel roof frame Exterior walls: Precast concrete Interior walls: Precast concrete Exterior surface/facade: Concrete</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Construction management fast track Use of inmate labor: Limited; landscaping, irrigation, and painting Use of prefabrication: Extensive; precast elements made, transported, and erected by contractors</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Remote locking Floor surface: Linoleum; epoxy coating Intercom: Unknown HVAC: Unknown Plumbing: China Furniture: Steel Fire protection: Smoke detectors for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 1,200 Double occupancy: 0 Dorms: 1,204 Special housing: 0 General population: 2,404 Total: 2,404</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 184 Security: 689 Programs/treatment: 46 Maintenance: 112 Total: 1,031 Current inmate/staff ratio: 3.61:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Quick decisionmaking; constant evaluation of cost estimates for a tightly programmed facility Negative: Fast schedule; multiple bid packages</p> <p>Factors affecting time schedule: Positive: Advanced order of materials and hardware; coordination of design between parties; willingness of entire team to work before contractual agreements were finalized; responsiveness of client Negative: Portions of program required greater scrutiny partly due to cost implications</p> |



UPPER FLOOR PLAN

California State Prison—Sacramento County/Folsom

Jurisdiction official: James Rowland, Director, Department of Corrections

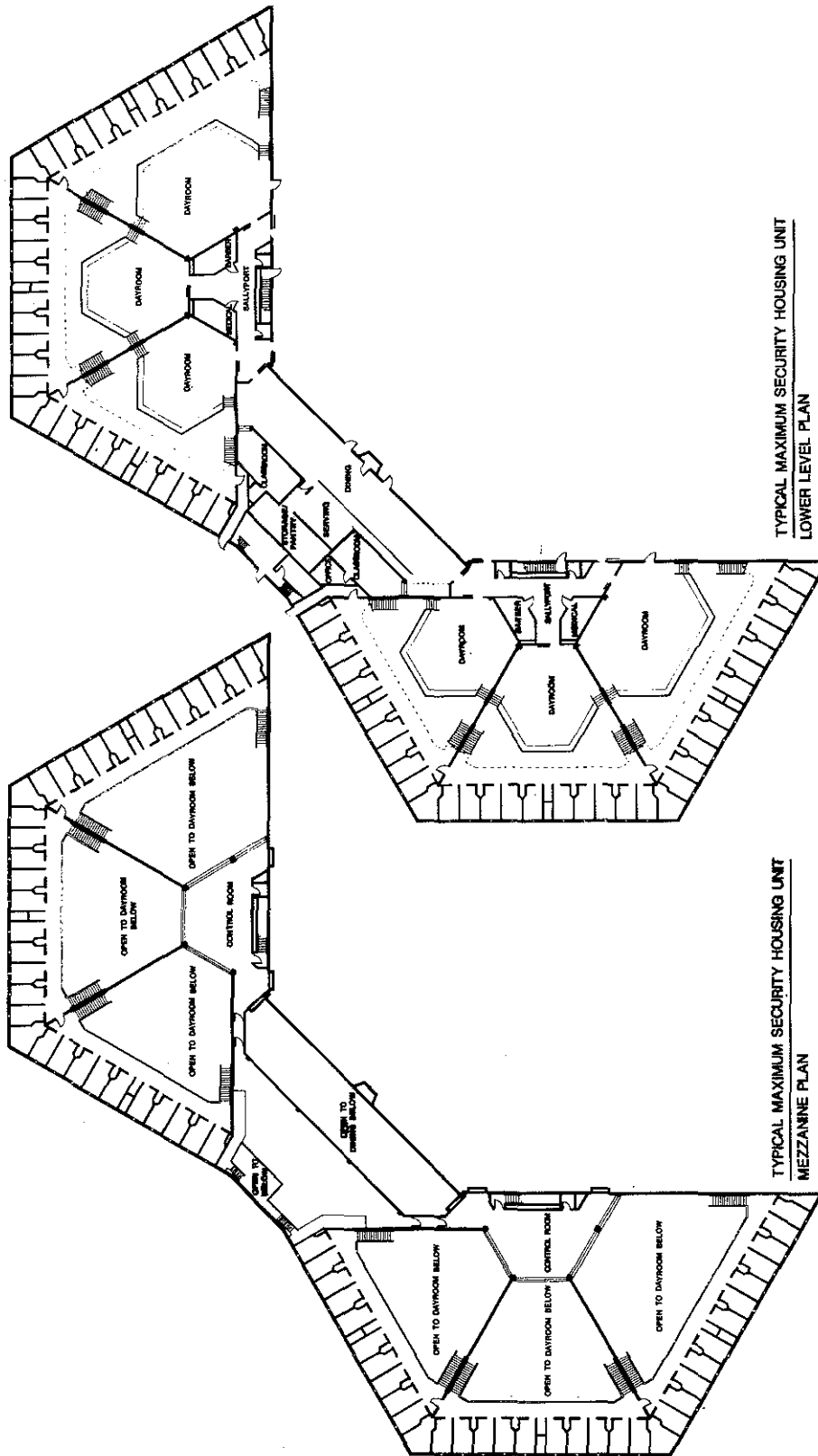
Contact: Warden R.G. Borg, California State Prison, P.O. Box 29, Represa, CA 95671, 916-985-8610

Architects: Dreyfuss and Blackford, 3540 Folsom Boulevard, Sacramento, CA 95814, 916-453-1231

Henningson, Durham, & Richardson, Inc., 12700 Hillcrest, Suite 125, Dallas, TX 75230, 214-980-0001

Construction manager: Heery/Vanir CM, 660 J Street, Sacramento CA 95814, 916-448-8474

| | | |
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| <p>Groundbreaking: November 1984 Finish date: October 1986 Construction time: 23 months</p> | <p>Design capacity: 3,264 Total cost: \$125,962,000 Total annual operating costs: \$24,300,000</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Courtyard</p> |
| <p>Costs</p> <p>Total: \$125,962,000 Building only: \$111,740,515 Housing area: \$79,568,000 Housing per inmate: \$24,377 Housing per cell: \$51,268 Total per inmate: \$38,591 Total per GSF: \$100.88 Total annual operating costs: \$24,300,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 1,248,651 Gross square feet/other: 0 Gross square feet/total: 1,248,651 Housing area square feet: 512,036 Gross square feet per inmate: 383 Size of cells: 80 square feet (gen. double); 1,058 (dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 128 Inmates per unit: 256 Management type: Remote surveillance May 1987 population: 2,656 Facility commitment: State prisoners Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; towers; patrols Inmate security level: Maximum: 89% Medium: 0 Minimum: 11%</p> | <p>Construction type</p> <p>Structural: Load-bearing precast panels; steel frame Exterior walls: Precast panels; cast-in-place concrete Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Natural wall</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Limited; metal buildings for some functions</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Heating/air circulation; steam heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for common areas; sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 3,072 Dorms: 192 Special housing: 0 General population: 3,264 Total: 3,264</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 177 Security: 811 Programs/treatment: 66 Maintenance: 73 Total: 1,127 Current inmate/staff ratio: 2.36:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Repetitiveness of design; good competition, favorable market; less expensive materials and hardware; use of prefabrication; Negative: Difficult site conditions; complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods; phased construction, fast track CM; advanced order of materials and hardware; coordination of design Negative: Labor problems; weather problems; government red tape; complex electronic and mechanical systems</p> |



TYPICAL MAXIMUM SECURITY HOUSING UNIT
LOWER LEVEL PLAN

TYPICAL MAXIMUM SECURITY HOUSING UNIT
MEZZANINE PLAN

Contra Costa County Detention Facility

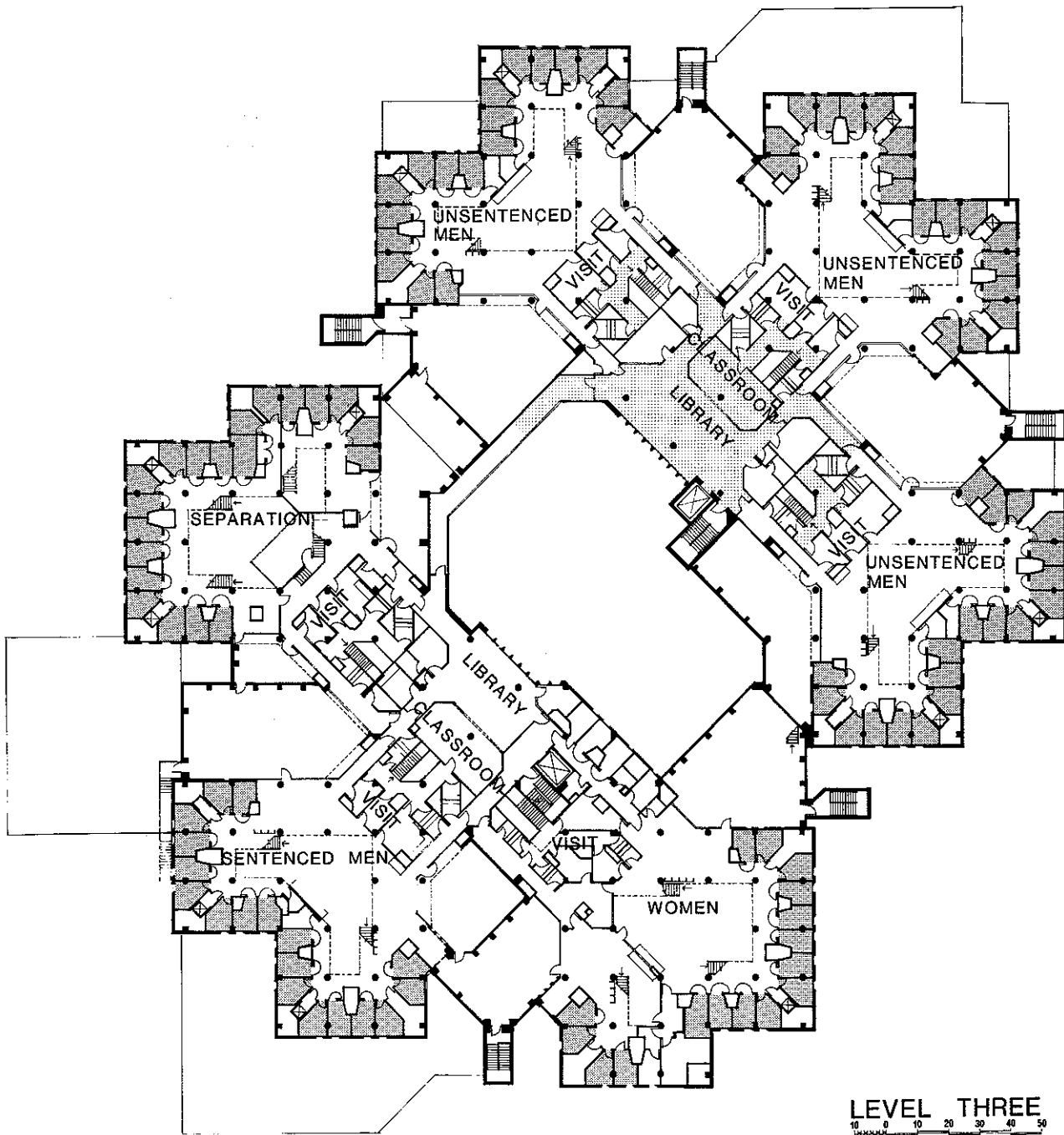
Jurisdiction official: Richard Rainey, Sheriff

Contact: Larry Ard, Chief Deputy, Contra Costa County Detention Facility, 1000 Ward Street, Martinez, CA 94553, 415-646-4497

Architect: Kaplan/McLaughlin/Diaz, 222 Vallejo Street, San Francisco, CA 94111, 415-398-5191

Construction manager: Turner Construction Company, 353 Sacramento Street, San Francisco, CA 94111, 415-391-1310

| | | |
|---|--|---|
| <p>Groundbreaking: September 1977 Finish date: December 1980 Construction time: 39 months</p> | <p>Design capacity: 386 Total cost: \$24,705,000 Total annual operating costs: \$8,736,000</p> | <p>Category: New, independent facility Facility type: Complex: county jail, courts Building configuration: Integrated structure; courtyard; clusters</p> |
| <p>Costs</p> <p>Total: \$24,705,000 Building only: \$19,428,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$136.31 Total annual operating costs: \$8,736,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 170,790 Gross square feet/other: 10,450 Gross square feet/total: 181,240 Housing area square feet: 77,410 Gross square feet per inmate: 442 Size of cells: 70 square feet (single) Net/gross square feet: 62%</p> <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Precast panels; CIP concrete; CMU block; architectural precast Interior walls: Precast panels; CIP concrete; CMU block Exterior surface/facade: Textured concrete</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 46 Inmates per unit: 46 Management type: Direct supervision October 1985 population: 573 Facility commitment: Local jail inmates, State prisoners Means to handle crowding: Mattresses on floor; beds in dayroom; second bunk attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 32% Medium: 68% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 305 Double occupancy: 0 Dorms: 0 Special housing: 81 General population: 305 Total: 386</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 42 Security: 97 Programs/treatment: 35 Maintenance: 10 Total: 184 Current inmate/staff ratio: 3.11:1</p> | <p>Construction process</p> <p>Finance method: Revenue sharing 75%; property tax override 25% Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Limited; precast concrete wall panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; metal—baffled Doors/type: Swinging Doors/locking: Remote locking with manual override Floor surface: Carpet Intercom: Two-way to common areas (discipline housing) HVAC: Air conditioning Plumbing: China Furniture: Wood Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Less expensive materials and hardware Negative: Slow construction, lengthy building time; high labor costs; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly Negative: Labor problems; complex electronic, mechanical, and electrical systems; building too complex for fast track construction</p> | |



LEVEL THREE
10 0 10 20 30 40 50
Scale - one inch equals sixteen feet.

Elmwood—Barracks 24 (Addition)

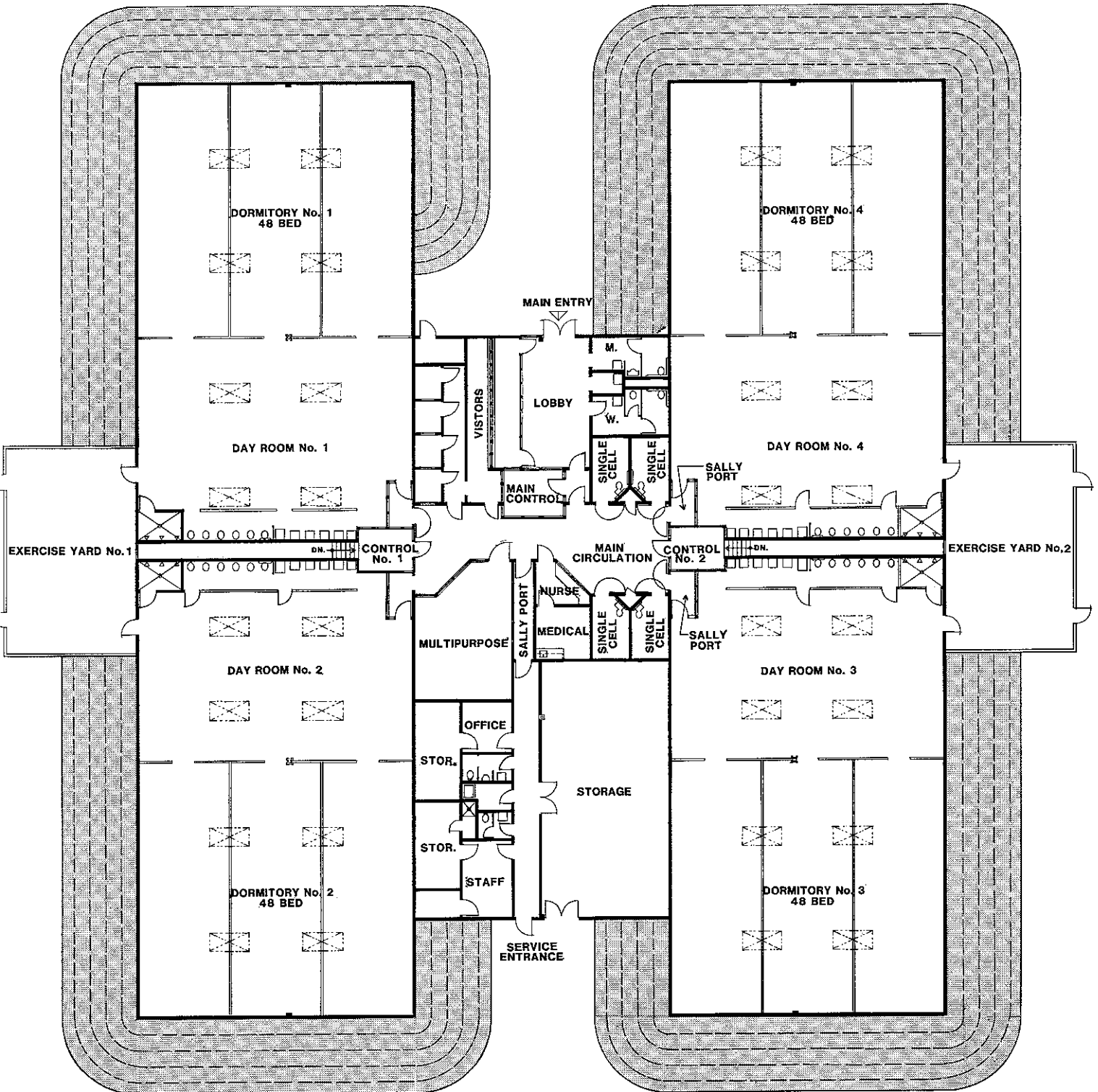
Jurisdiction official: Robert E. Winter, Sheriff

Contact: Captain Dean Madeira, Facility Commander, Elmwood—Barracks 24, 701 South Abel Street, Milpitas, CA 95035, 408-299-2280

Architect: Bodrell Joer dan Smith Partnership, Suite 350, 900 Veterans Boulevard, Redwood City, CA 94063, 415-369-3322

Construction manager: Morrison-Knudsen Company, 180 Howard Street, San Francisco, CA 94105, 415-442-7711

| | | |
|---|---|---|
| <p>Groundbreaking: April 1985 Finish date: August 1985 Construction time: 4 months</p> | <p>Design capacity: 196 Total cost: \$3,158,000 Total annual operating costs: \$226,500 (addition only)</p> | <p>Category: New, ancillary building Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,158,000 Building only: \$2,850,000 Housing area: \$2,850,000 Housing per inmate: \$14,541 Housing per cell: \$356,250 Total per inmate: \$16,112 Total per GSF: \$135.76 Total annual operating costs: \$226,500 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 23,262 Gross square feet/other: 0 Gross square feet/total: 23,262 Housing area square feet: 23,262 Gross square feet per inmate: 119 Size of cells: 82 square feet (single) Net/gross square feet: 98%</p> | <p>Inmate housing areas</p> <p>Design: Dormitory style Cells per unit: 1 Inmates per unit: 48 Management type: Remote surveillance June 1986 population: 192 Facility commitment: Local jail inmates Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Single fence with razor wire; alarm/detection systems; camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load bearing precast panels; steel frame Exterior walls: Precast panels Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Paint</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Turn-key design and build Use of inmate labor: None Use of prefabrication: Moderate</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 4 Double occupancy: 0 Dorms: 192 Special housing: 0 General population: 196 Total: 196</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 5 Programs/treatment: N/A Maintenance: N/A Total: 5 (addition only) Current inmate/staff ratio: 38.4:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; phased construction, fast track construction management Negative: None</p> <p>Factors affecting time schedule: Positive: Coordination of design between parties; design/build contract with county for quick delivery time schedule Negative: Weather problems, 4 weeks of rain</p> |



Foothill Communities Law & Justice Center

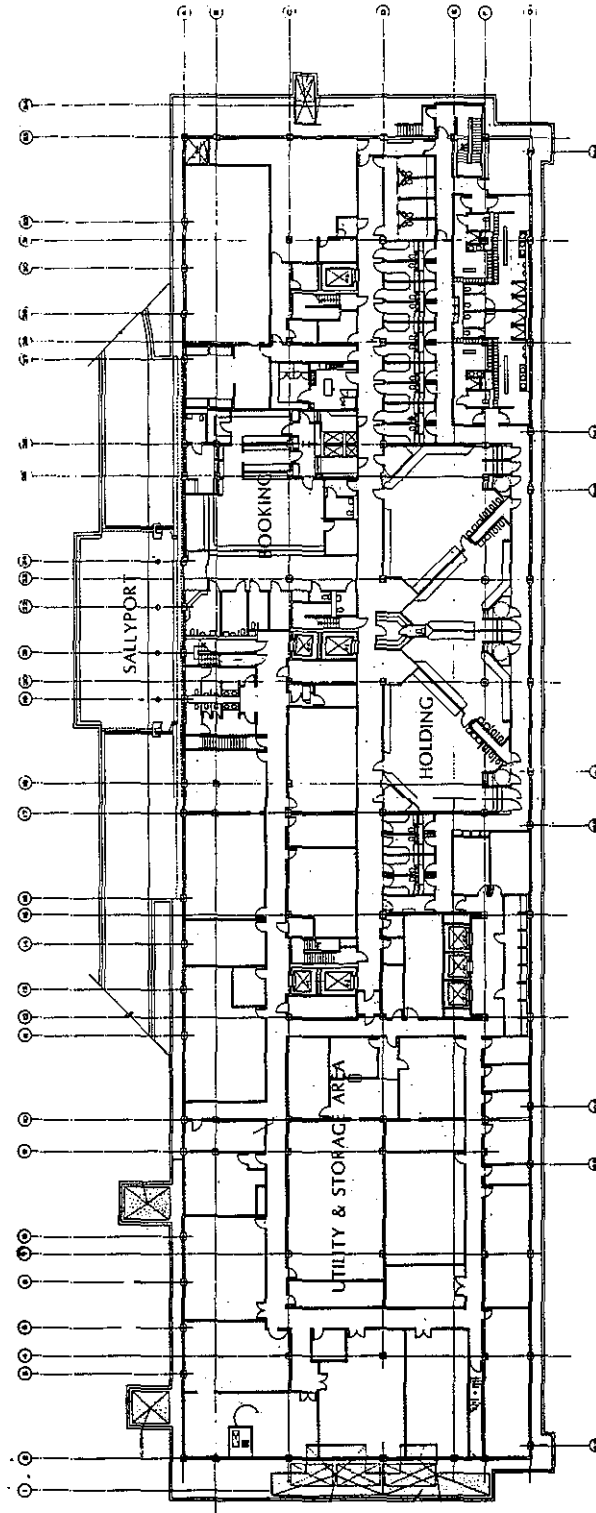
Jurisdiction official: Harry Mays, County Attorney's Office

Contact: Richard Saenz, Director, Probation Department, Foothill Communities Law & Justice Center, 8303 Haven Avenue Rancho, Cucamonga, CA 91730, 714-945-4000

Architect: HMC Architects, Inc., 500 East "E" Street, Ontario, CA 91764, 714-983-9623

Construction manager: M & E/CM, 8202 Aspen, Cucamonga, CA 91730, 714-945-4393

| | | |
|---|--|--|
| <p>Groundbreaking: May 1983 Finish date: December 1986 Construction time: 41 months</p> | <p>Design capacity: 94 Total cost: \$33,000,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: Complex: court, holding facility Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$33,000,000 Building only: \$32,500,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$118.00 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 14,157 Gross square feet/other: 265,515 Gross square feet/total: 279,672 Housing area square feet: 14,157 Gross square feet per inmate: 151 Size of cells: 72 square feet (single); 112 (double); 1,120 (dorms) Net/gross square feet: 86%</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: Unknown Inmates per unit: Unknown Management type: Intermittent surveillance Current population: Unknown Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 12% Medium: 60% Minimum: 28%</p> | <p>Construction type</p> <p>Structural: Steel frame; isolation foundation Exterior walls: Precast panels (GFRC) Interior walls: CMU block Exterior surface/facade: Textured concrete (GFRC)</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking Floor surface: Urethane coating Intercom: One-way to cells HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Concrete Fire protection: Smoke detectors for common areas; sprinklers for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 26 Double occupancy: 4 Dorms: 64 Special housing: 0 General population: 94 Total: 94</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Complex electronic, mechanical, and electrical systems; fast track construction management</p> <p>Factors affecting time schedule: Positive: Advanced order of materials and hardware Negative: Complex electronic, mechanical, and electrical systems</p> |



BASEMENT FLOOR PLAN

Kings County Branch Jail

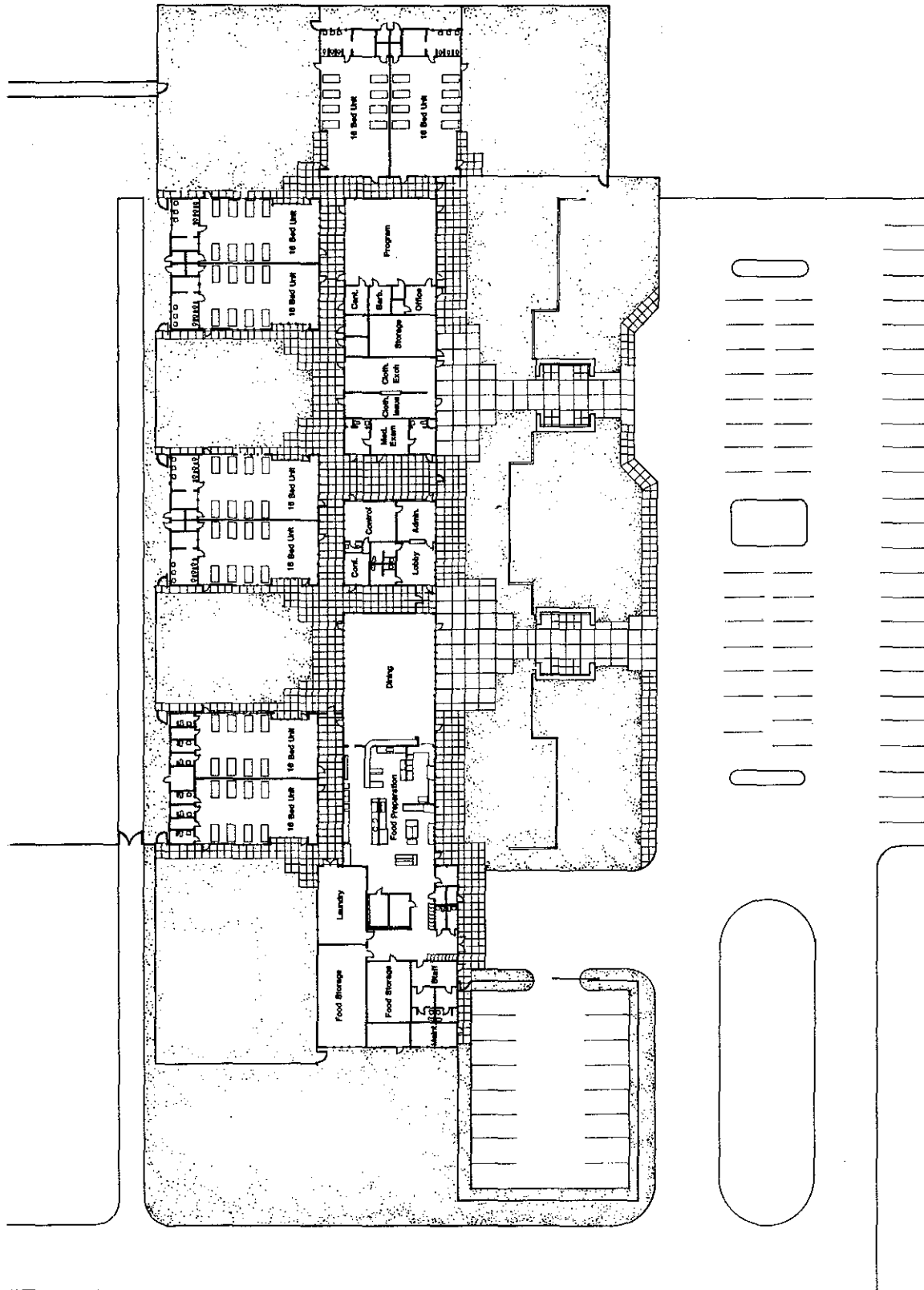
Jurisdiction official: Tom Clark, Sheriff

Contact: Captain Bob Begley, Kings County Branch Jail, 690 East Drive, Hanford, CA 93230, 209-584-1431

Architect: Patrick Sullivan Associates, 542 High Street, Palo Alto, CA 94301, 415-327-2490

Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: March 1985 Finish date: December 1985 Construction time: 9 months</p> | <p>Design capacity: 128 Total cost: \$2,850,000 Total annual operating costs: \$1,080,347</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,850,000 Building only: \$2,400,000 Housing area: \$1,000,000 Housing per inmate: \$7,812 Housing per cell: \$125,000 Total per inmate: \$22,266 Total per GSF: \$109.62 Total annual operating costs: \$1,080,347</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 26,000 Gross square feet/other: 0 Gross square feet/total: 26,000 Housing area square feet: 13,500 Gross square feet per inmate: 203 Size of dorms: 1,344 square feet Net/gross square feet: 92%</p> | <p>Inmate housing areas</p> <p>Design: Dormitory style Cells per unit: 2 Inmates per unit: 32 Management type: Intermittent surveillance June 1986 population: 58 Facility commitment: Local jail inmates (sentenced only) Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Tilt-up panels Exterior walls: Tilt-up concrete panels Interior walls: Wood frame with gypsum Exterior surface/facade: Stucco; textured concrete</p> | <p>Construction process</p> <p>Finance method: Local and State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; tilt-up wall panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote and manual locking Floor surface: Vinyl tile Intercom: Two-way to common areas and dorms HVAC: Air conditioning; hot water from central plant Plumbing: China Furniture: Wood; vinyl/plastic Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 128 Special housing: 0 General population: 128 Total: 128</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 19 Programs/treatment: 0 Maintenance: 4 Total: 24 Current inmate/staff ratio: 2.42:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: None</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components; simple construction methods, repetitiveness of design Negative: None</p> |



Lacy Security Facility (Addition)

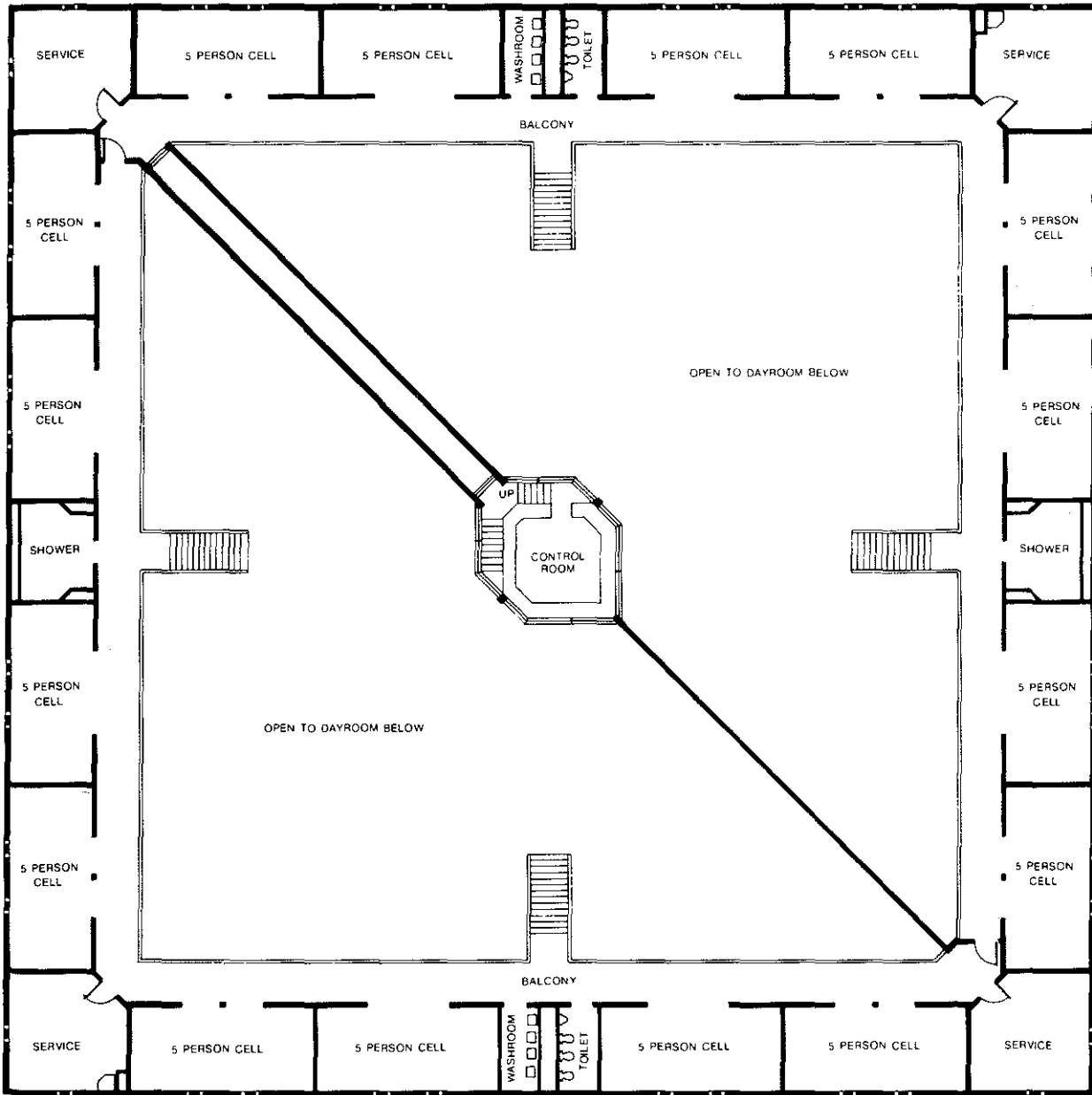
Jurisdiction official: Brad Gates, Sheriff

Contact: Sheriff Brad Gates, Orange County, Box 449, Santa Ana, CA 92702, 714-647-1805

Architect: Ralph Allen and Partners, 520 North Main Street, Suite 200, Santa Ana, CA 92701, 714-547-7059

Construction manager: Kitchell CEM, Inc., 501 J Street, Suite 630, Sacramento, CA 95814, 916-442-3779

| | | |
|--|--|--|
| <p>Groundbreaking: August 1985 Finish date: March 1986 Construction time: 7 months</p> | <p>Design capacity: 180 Total cost: \$2,350,000 Total annual operating costs: \$1,195,815 (addition only)</p> | <p>Category: New, ancillary building Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,350,000 Building only: \$2,150,000 Housing area: \$2,350,000 Housing per inmate: \$13,056 Housing per cell: \$73,437 (dorm) Total per inmate: \$13,056 Total per GSF: \$72.24 Total annual operating costs: \$1,195,815 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 32,529 Gross square feet/other: 0 Gross square feet/total: 32,529 Housing area square feet: 32,529 Gross square feet per inmate: 181 Size of cells: 465 and 315 square feet (dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 32 dorms Inmates per unit: 32 Management type: Remote surveillance; patrols October 1985 population: 180 Facility commitment: Local jail inmates Means to handle crowding: Bunk beds in cell; beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single fence; alarm/detection system; razor wire on fence Inmate security level: Maximum: 0 Medium: Use, 100% Minimum: Design, 100%</p> | <p>Construction type</p> <p>Structural: Steel frame; tilt-up concrete panels Exterior walls: Tilt-up concrete panels Interior walls: CMU block Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional; construction management Use of inmate labor: None Use of prefabrication: Yes, extensive; tilt-up concrete panels</p> |
| <p>Inmate cells</p> <p>Doors/material: None (open dorms) Doors/type: N/A Doors/locking: N/A Floor surface: Sealed concrete; epoxy coating; carpet Intercom: None HVAC: Air conditioning; heating Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 180 Special housing: 0 General population: 180 Total: 180</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 10 Programs/treatment: 1 Maintenance: N/A Total: 11 (addition only) Current inmate/staff ratio: 16.36:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components Negative: None</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components; advanced order of materials and hardware; coordination of design between parties Negative: None</p> |



Nevada County Detention Center (Remodel)

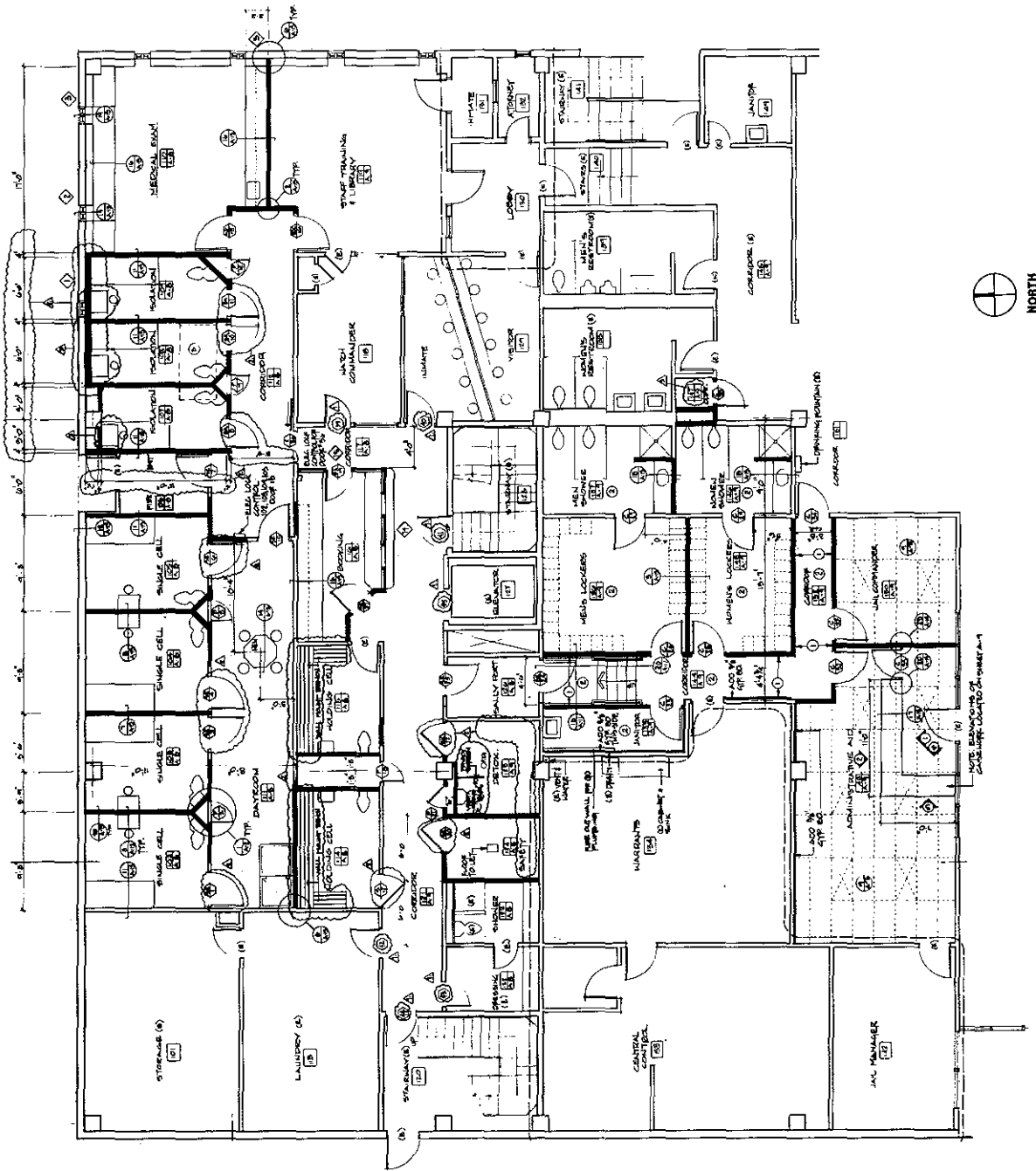
Jurisdiction official: William L. Heafey, Sheriff

Contact: Sergeant Bob Hammill, Facility Manager, Nevada County Detention Center, 10433 Willow Valley Road, Nevada City, CA 95959, 916-265-9061

Architect: Patrick Sullivan Associates, 542 High Street, Palo Alto, CA 94301, 415-327-2490

Construction manager: None

| | | |
|---|---|--|
| <p>Groundbreaking: March 1985 Finish date: November 1985 Construction time: 8 months</p> | <p>Design capacity: 48 Total cost: \$221,416 Total annual operating costs: \$387,000</p> | <p>Category: Remodel/renovation Facility type: Restitution center of main jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$221,416 Building only: Unknown Housing area: \$64,210 Housing per inmate: \$1,338 Housing per cell: \$3,777 Total per inmate: N/A (remodel) Total per GSF: \$20.83 Total annual operating costs: \$387,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 10,632 Gross square feet/other: 0 Gross square feet/total: 10,632 Housing area square feet: 3,115 Gross square feet per inmate: 221 Size of cells: Unknown Net/gross square feet: Unknown</p> <p>Construction type</p> <p>Structural: Wood frame Exterior walls: Poured in place concrete (existing) Interior walls: Wood frame and plaster Exterior surface/facade: Plaster</p> <p>Inmate design capacity</p> <p>Single occupancy: 2 Double occupancy: 14 Dorms: 32 Special housing: 0 General population: 48 Total: 48</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 13 Programs/treatment: 0 Maintenance: 1 Total: 16 Current inmate/staff ratio: 1.87:1</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: N/A Inmates per unit: N/A Management type: Intermittent surveillance October 1985 population: 30 Facility commitment: Unknown Means to handle crowding: N/A</p> |
| <p>Security</p> <p>Perimeter: Existing; new metal frame and security mesh Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Conventional Use of inmate labor: Yes, painting Use of prefabrication: None</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Lightweight and common building materials; no phasing required around existing occupancy Negative: Unknown condition of existing building</p> <p>Factors affecting time schedule: Positive: Onsite supervision by county inspector Negative: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Hollow metal Doors/type: Swinging Doors/locking: Manual and remote locking Floor surface: Linoleum; carpet Intercom: Monitor HVAC: No alteration Plumbing: Stainless steel Furniture: Steel; wood Fire protection: Station fire alarm</p> | | |



FIRST FLOOR PLAN
SCALE: 1/4" : 1'-0"

Orange County Sheriff's Intake Release Center (Addition/Remodel/Expansion)

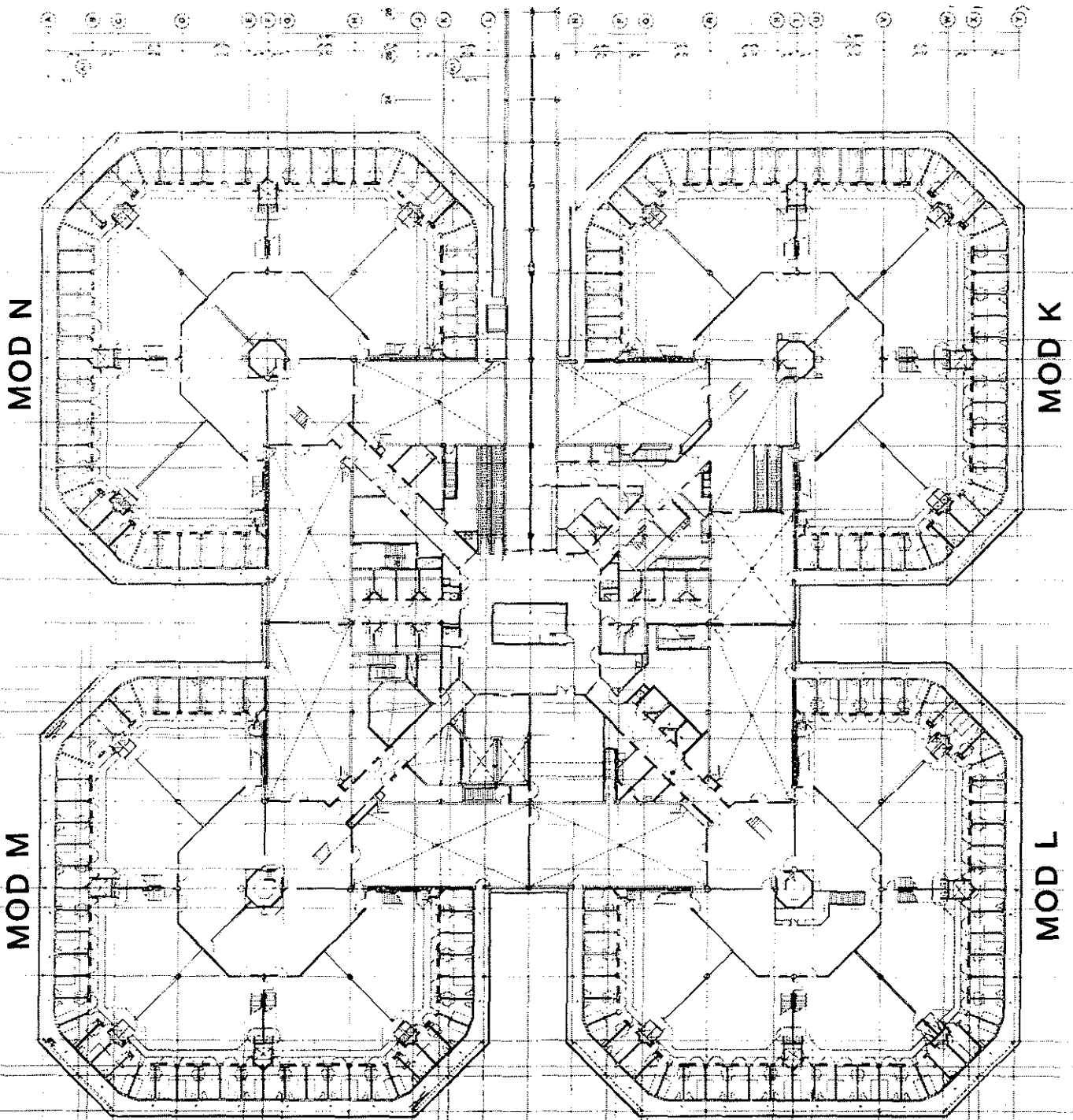
Jurisdiction official: Brad Gates, Sheriff-Coroner

Contact: Captain George King, Orange County Sheriff's Intake Release Center, 550 North Flower Street, Santa Ana, CA 92702, 714-834-2037

Architects: Hellmuth, Obata & Kassabaum, Inc., 1999 Bundy Drive, Suite 250, Los Angeles, CA 90025, 213-207-8400
Ficker & Ruffing, 610 Newport Center Drive, Suite 630, Newport Beach, CA 92660, 714-644-1581

Construction manager: Kitchell CEM, Inc., 1040 West Santa Ana Boulevard, Santa Ana, CA 92703, 714-836-7408

| | | |
|---|--|---|
| <p>Groundbreaking: July 1985 Finish date: January 1988 Construction time: 29 months</p> | <p>Design capacity: 1,139 Total cost: \$43,500,000 Total annual operating costs: \$24,982,702 (entire facility)</p> | <p>Category: New, ancillary building; remodeling/renovation project; expansion project Facility type: County jail Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$43,500,000 Building only: \$41,500,000 Housing area: \$27,500,000 Housing per inmate: \$71,615 Housing per cell: \$71,615 Total per inmate: N/A (remodel) Total per GSF: \$171.26 Total annual operating costs: \$24,982,702 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 254,000 Gross square feet/other: 0 Gross square feet/total: 254,000 Housing area square feet: 167,500 Gross square feet per inmate: 223 Size of cells: 81 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 96 Inmates per unit: 96 Management type: Remote surveillance January 1988 population: 384 Facility commitment: Local jail inmates Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 20% Medium: 80% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block; architectural precast Interior walls: CMU block Exterior surface/facade: Textured concrete; colored concrete</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Conventional; construction management Use of inmate labor: Limited; some inmate furnishings from State Prison Industries Use of prefabrication: Limited; exterior facing</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete; vinyl tile Intercom: Two-way to cells and common areas HVAC: Heating/air circulation Plumbing: Stainless steel Furniture: Steel; concrete Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 384 Double occupancy: 0 Dorms: 0 Special housing: 755 General population: 384 Total: 1,139</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 56 Security: 189 Programs/treatment: 41 Maintenance: 33 Total: 319 Current inmate/staff ratio: 1.2:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple const. methods; "spartan" approach to materials/finishes/furnishings; low-rise const.; experienced and savvy county staff Negative: High labor costs; government red tape; very high security design; design for future jail population growth Factors affecting time schedule: Positive: Repetitiveness of design; phased const., CM; advanced order of materials; coordination of design; court pressures Negative: Slow responses and delivery from vendors, suppliers</p> |



Placer County Jail (Addition)

Jurisdiction official: Donald J. Nunes, Sheriff/Coroner/Marshal

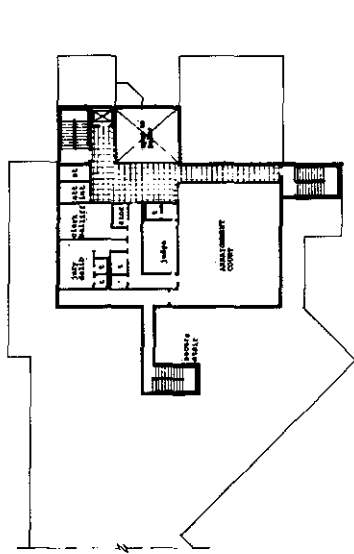
Contact: Captain Marvin Jacinto, Placer County Jail, DeWitt Center, P.O. Box 6990, Auburn, CA 95603, 916-823-4561

Architects: The Ehrenkrantz Group, 855 Front Street, San Francisco, CA 94111, 415-956-4394

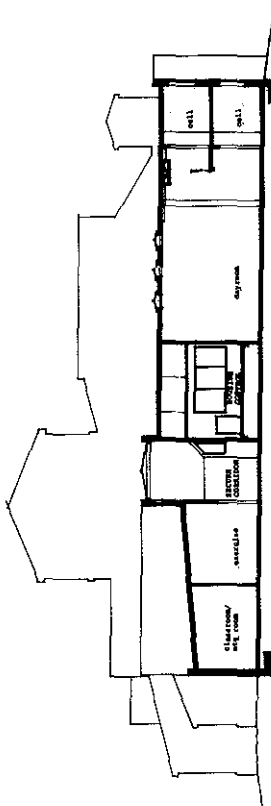
Crippen, Lichau, Minta, 1115 High Street, Auburn, CA 95603, 916-885-7178

Construction manager: None

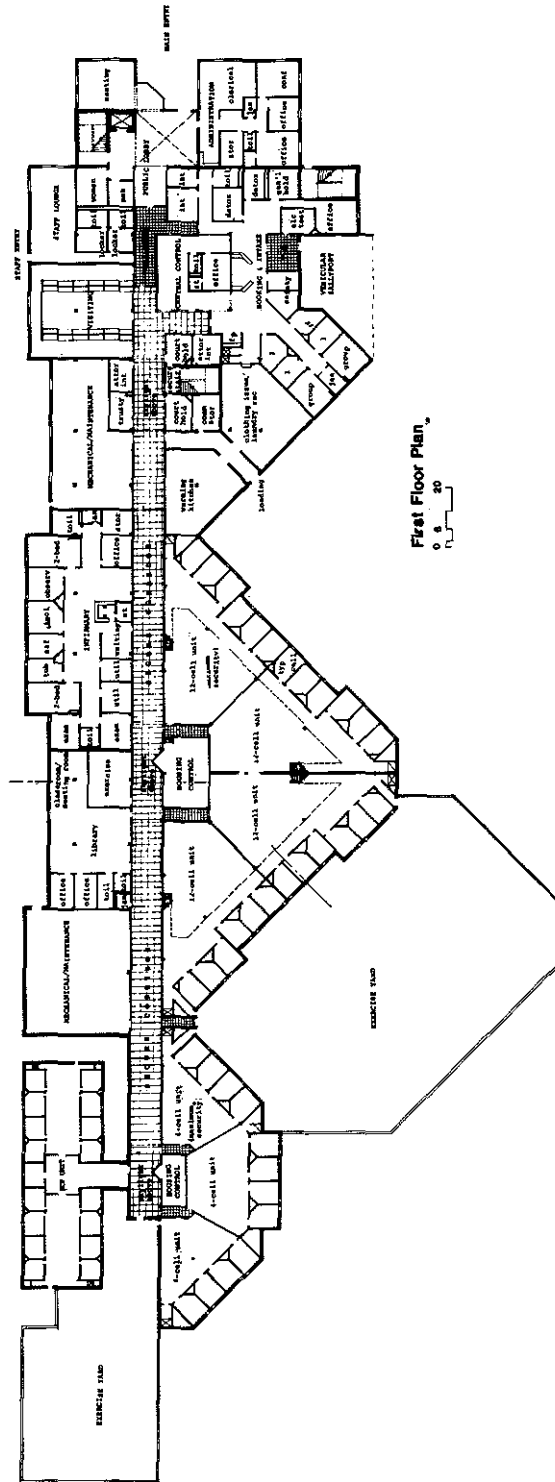
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|---|---|---|
| <p>Groundbreaking: November 1983 Finish date: April 1985 Construction time: 17 months</p> | <p>Design capacity: 212 Total cost: \$4,886,000 Total annual operating costs: \$2,305,029 (addition only)</p> | <p>Category: New, ancillary building; phased project (future); temporary facility/housing Facility type: Complex: county jail, arraignment court Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$4,886,000 Building only: \$4,635,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$125.60 Total annual operating costs: \$2,305,029 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 34,700 Gross square feet/other: 4,200 Gross square feet/total: 38,900 Housing area square feet: 16,364 Gross square feet per inmate: 164 Size of cells: 77 square feet (double) Net/gross square feet: 63%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod; linear, outside for mod. units Cells per unit: 12 Inmates per unit: 24 Management type: Intermittent and remote surveillance June 1986 population: 115 Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior; razor wire on double fences for exercise yard; video camera surveillance Inmate security level: Maximum: 21% Medium: 79% Minimum: 0</p> | <p>Structural: Load bearing precast panels and CMU tilt-up; steel frame Exterior walls: Precast panels; architectural precast; tilt-up Interior walls: Precast panels; CMU block; steel stud/gypsum board Exterior surface/facade: Brick; stucco; paint</p> | <p>Construction process</p> <p>Finance method: Local and State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Motor driven and remote locking; manual locking Floor surface: Sealed concrete; vinyl tile Intercom: One-way to common areas HVAC: Air conditioning; gas heat Plumbing: China; stainless combination unit Furniture: Steel; vinyl/plastic Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 4 Double occupancy: 144 Dorms: 0 Special housing: 64 General population: 148 Total: 212</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 10 Security: 45 Programs/treatment: N/A Maintenance: N/A Total: 55 (addition only) Current inmate/staff ratio: 2.09:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; tilt-up concrete wall panels; good competition, favorable market Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; tilt-up concrete wall panels; coordination of design between parties Negative: None</p> |



Second Floor Plan
0 5 20



Section A-A
0 5 10



First Floor Plan
0 5 20

Plumas County Sheriff's Department & Detention Facility (Remodel)

Jurisdiction official: William R. MacKenzie, Sheriff/Coroner

Contact: Sergeant Leonard Gardner, Plumas County Sheriff's Department, P.O. Box 1106, 50 Abernathy Lane, Quincy, CA 95971, 916-283-0400

Architect: Patrick Sullivan Associates, 542 High Street, Palo Alto, CA 94301, 415-327-2490

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: October 1984 Finish date: December 1985 Construction time: 14 months</p> | <p>Design capacity: 35 Total cost: \$1,221,227 Total annual operating costs: \$232,600</p> | <p>Category: Remodel/renovation Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,221,227 Building only: Unknown Housing area: \$635,000 Housing per inmate: \$19,844 Housing per cell: \$39,687 Total per inmate: N/A (remodel) Total per GSF: \$124.55 Total annual operating costs: \$232,600</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 9,805 Gross square feet/other: 0 Gross square feet/total: 9,805 Housing area square feet: 5,132 Gross square feet per inmate: 280 Size of cells: 108 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 10 Inmates per unit: 10 Management type: Intermittent surveillance October 1985 population: 25 Facility commitment: Local jail inmates Means to handle crowding: Second mattress on floor</p> |
| <p>Security</p> <p>Perimeter: Concrete block; single fence Inmate security level: Maximum: Varies Medium: Varies Minimum: Varies</p> | <p>Structural: Concrete slab, metal deck (dorms), metal deck with concrete (single) Exterior walls: Concrete block masonry with exterior insulation Interior walls: Concrete block masonry walls Exterior surface/facade: Stucco</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Hollow metal Doors/type: Swinging Doors/locking: Manual and remote locking Floor surface: Sealed concrete Intercom: Two-way monitor HVAC: Air conditioning; boiler heating Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 12 Double occupancy: 0 Dorms: 20 Special housing: 3 General population: 32 Total: 35</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 7 Programs/treatment: 1 Maintenance: County Total: 9 Current inmate/staff ratio: 2.78:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Repetitiveness of design and fixtures; use of lighter construction and hardware in medium security areas Negative: Remodel of existing facility; phasing to allow continued operation; security and surveillance equipment; few bidders</p> <p>Factors affecting time schedule: Positive: None Negative: Phasing; weather problems</p> |

Pre-Trial Detention Facility

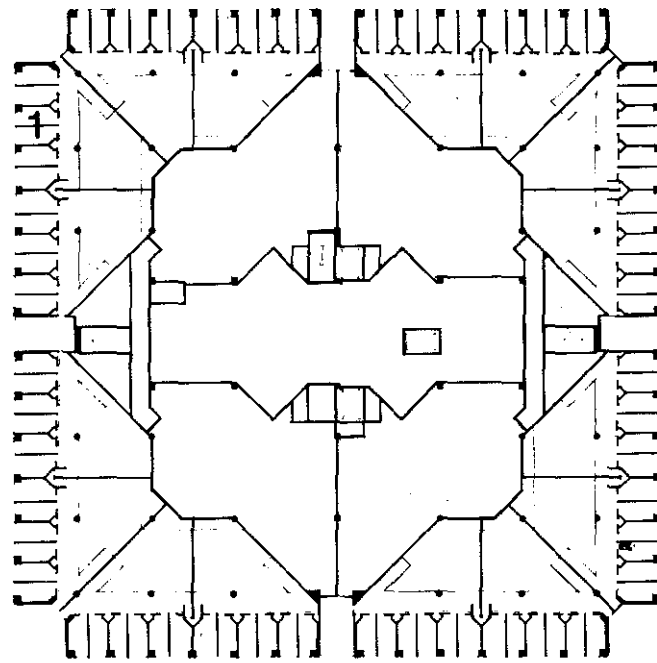
Jurisdiction official: John V. Gillespie, Sheriff

Contact: Commander William A. Wade, Ventura County Sheriff's Department, 800 South Victoria Avenue, Ventura, CA 93009, 805-654-2305

Architect: John Carl Warnecke & Associates/Daniel L. Dworsky FAIA & Associates, 2029 Century Park East, Suite 350, Los Angeles, CA 90067, 213-552-0822

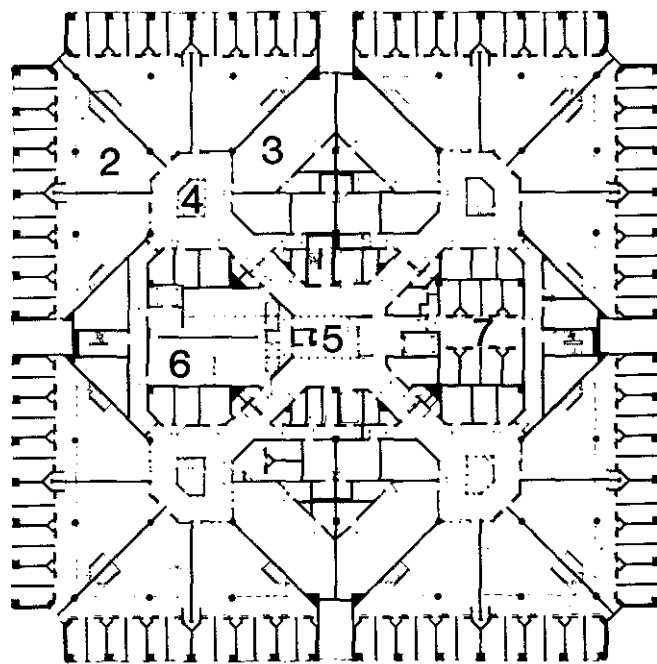
Construction manager: Turner Construction Company, 445 South Figueroa, Los Angeles, CA 90017, 213-683-1430

| | | |
|---|---|---|
| <p>Groundbreaking: December 1977 Finish date: February 1981 Construction time: 38 months</p> | <p>Design capacity: 434 Total cost: \$32,000,000 Total annual operating costs: \$9,400,000</p> | <p>Category: New independent facility Facility type: Complex: county jail, law enforcement, other Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$32,000,000 Building only: \$22,000,000 Housing area: \$13,000,000 Housing per inmate: \$32,500 Housing per cell: \$32,500 Total per inmate: N/A (complex) Total per GSF: \$94.12 Total annual operating costs: \$9,400,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 220,000 Gross square feet/other: 120,000 Gross square feet/total: 340,000 Housing area square feet: 120,000 Gross square feet per inmate: 507 Size of cells: 75 square feet (single) Net/gross square feet: 71%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Remote surveillance October 1985 population: 766 Facility commitment: Local jail inmates Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Precast panels; architectural precast Interior walls: CMU block Exterior surface/facade: Colored concrete</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Limited; precast exterior walls</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Remote unlocking; manual relocking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; gas-fired hot water boiler Plumbing: Stainless combination unit Furniture: Concrete Fire protection: Smoke detectors for cells; sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 400 Double occupancy: 0 Dorms: 0 Special housing: 34 General population: 400 Total: 434</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 36 Security: 131 Programs/treatment: 22 Maintenance: 26 Total: 215 Current inmate/staff ratio: 3.56:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Phased construction, fast track construction management; conventional design; repetitiveness of design Negative: Lack of bidding competition; difficult site conditions; busy construction market; large project for locale</p> <p>Factors affecting time schedule: Positive: Phased construction, fast track construction management Negative: Complex electronic, mechanical, and electrical systems</p> |

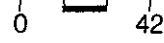


MEZZANINE

- 2 DAYROOM
- 3 ACTIVITY
- 4 UNIT MANAGER
- 5 FLOOR CONTROL
- 6 VISITING
- 7 ADMINISTRATIVE SEGREGATION



2nd & 3rd FLOORS



Richard J. Donovan Correctional Facility at Rock Mountain

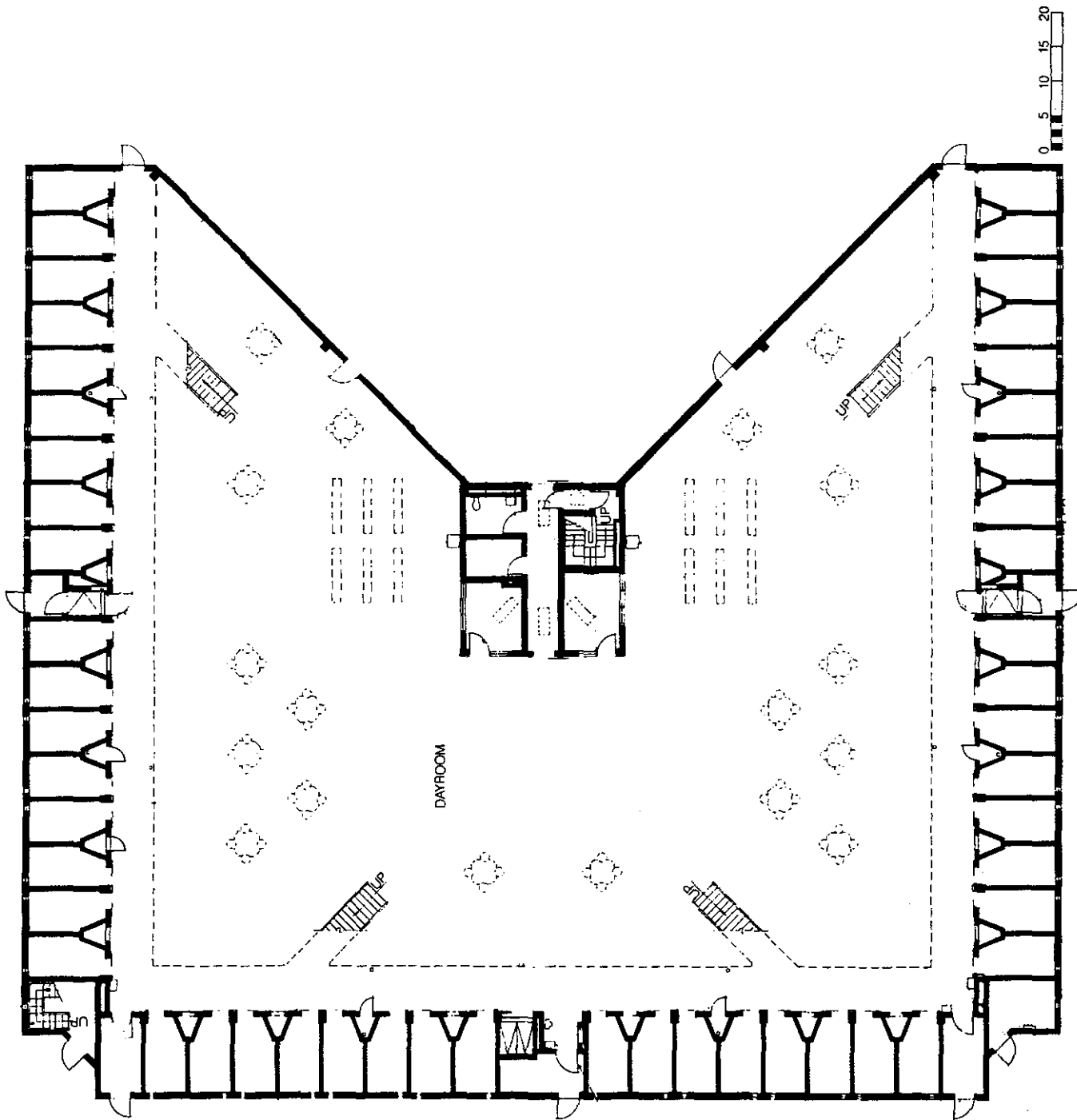
Jurisdiction official: James Rowland, Director, Department of Corrections

Contact: Superintendent John Ratelle, Richard J. Donovan Correctional Facility at Rock Mountain, 480 Alta Road, San Diego, CA 92179, 619-690-6500

Architect: Hope Consulting Group, 401 West A Street, Suite 500, San Diego, CA 92112-4171, 619-233-5251

Construction manager: Heery/Vanir CM, 660 J Street, Suite 285, Sacramento, CA 95814, 916-448-8474

| | | |
|---|--|--|
| <p>Groundbreaking: May 1985 Finish date: September 1987 Construction time: 28 months</p> | <p>Design capacity: 2,200 Total cost: \$155,450,204 Total annual operating costs: \$30,781,132</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Courtyard; clusters; campus style</p> |
| <p>Costs</p> <p>Total: \$155,450,204 Building only: Unknown Housing area: \$45,038,000 Housing per inmate: \$20,547 Housing per cell: \$22,340 Total per inmate: \$70,659 Total per GSF: \$131.85 Total annual operating costs: \$30,781,132</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 1,179,015 Gross square feet/other: 0 Gross square feet/total: 1,179,015 Housing area square feet: 532,348 Gross square feet per inmate: 536 Size of cells: 60 square feet (single); 1,058 (dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 100 Inmates per unit: 100 Management type: Remote surveillance October 1987 population: 2,038 Facility commitment: State prisoners Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fences; towers Inmate security level: Maximum: 0 Medium: 90% Minimum: 10%</p> | <p>Construction type</p> <p>Structural: Load-bearing precast panels; steel frame Exterior walls: Precast panels Interior walls: CMU block Exterior surface/facade: Natural wall</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Moderate; precast components and metal buildings for some support functions</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Heating/air circulation; hot water from co-gen. plant Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 2,000 Double occupancy: 0 Dorms: 192 Special housing: 8 General population: 2,192 Total: 2,200</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 98 Security: 506 Programs/treatment: 55 Maintenance: 45 Total: 704 Current inmate/staff ratio: 2.89:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; good competition, favorable market; less expensive materials and hardware; use of prefabricated buildings Negative: Difficult site conditions; government procedures, regulations, and red tape; remote location of site</p> <p>Factors affecting time schedule: Positive: Repetitiveness of design; phased construction, fast track CM; advanced order of materials and hardware; coordination of design between parties; use of program manager Negative: Weather problems; government procedures, regulations, and red tape</p> |

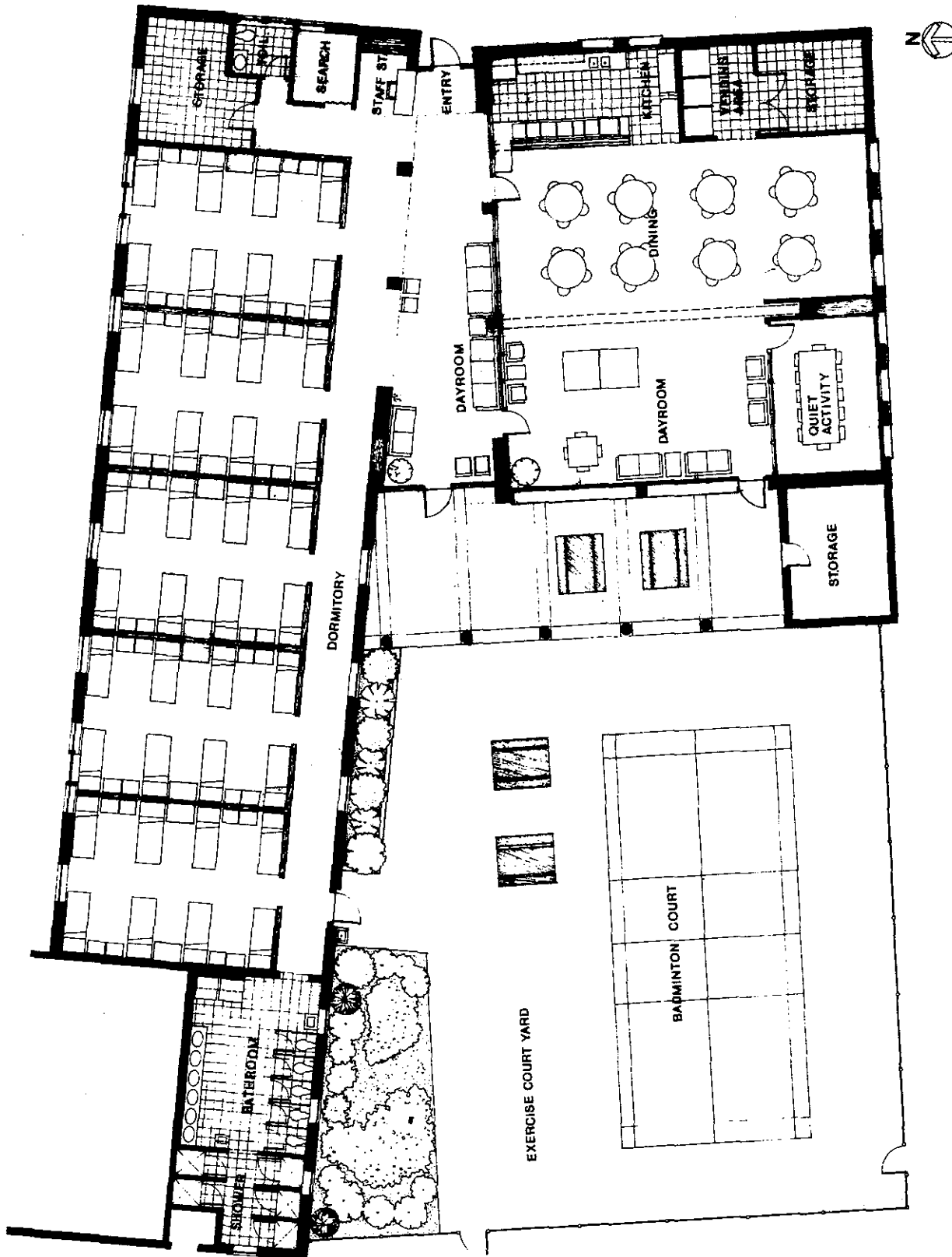


San Joaquin County Honor Farm Women's Minimum Security Facility (Expansion)

Jurisdiction official: John Zunino, Sheriff/Coroner

Contact: Richard A. Sealy, Custody Administrator, San Joaquin County Honor Farm Women's Minimum Security Facility, G Barracks, 999 West Mathews Road, French Camp, CA 95231, 209-982-5151
Architect: The Design Partnership, Architects Planners, 375 Fremont Street, Suite 200, San Francisco, CA 94105, 415-777-3737
Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: September 1985 Finish date: June 1986 Construction time: 9 months</p> | <p>Design capacity: 40 Total cost: \$616,000 Total annual operating costs: N/A (expansion)</p> | <p>Category: Expansion project Facility type: County jail (women's facility) Building configuration: Integrated structure; addition to one building</p> |
| <p>Costs</p> <p>Total: \$616,000 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$15,400 Total per GSF: \$106.78 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 5,769 Gross square feet/other: 0 Gross square feet/total: 5,769 Housing area square feet: 5,769 Gross square feet per inmate: 144 Size of cells: 400 square feet (dorm) Net/gross square feet: 79%</p> | <p>Inmate housing areas</p> <p>Design: Dorms with adjacent dayroom space Cells per unit: 5 Inmates per unit: 40 Management type: Direct supervision August 1986 population: 40 Facility commitment: Local jail inmates Means to handle crowding: Bunk beds in cell; beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single fence Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: CMU block Exterior walls: CMU block Interior walls: Dry wall Exterior surface/facade: Split faced block, natural finish</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: Limited; demolition Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden; steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Carpet; vinyl tile Intercom: None (portable radio to complex) HVAC: Air conditioning; gas heat Plumbing: China Furniture: Wood Fire protection: Smoke detectors and sprinklers for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 40 Special housing: 0 General population: 40 Total: 40</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 5 Programs/treatment: N/A Maintenance: N/A Total: 5 (expansion only) Current inmate/staff ratio: 8.00:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: None Negative: None Factors affecting time schedule: Positive: None Negative: None</p> |



Santa Barbara County Main Jail (Expansion)

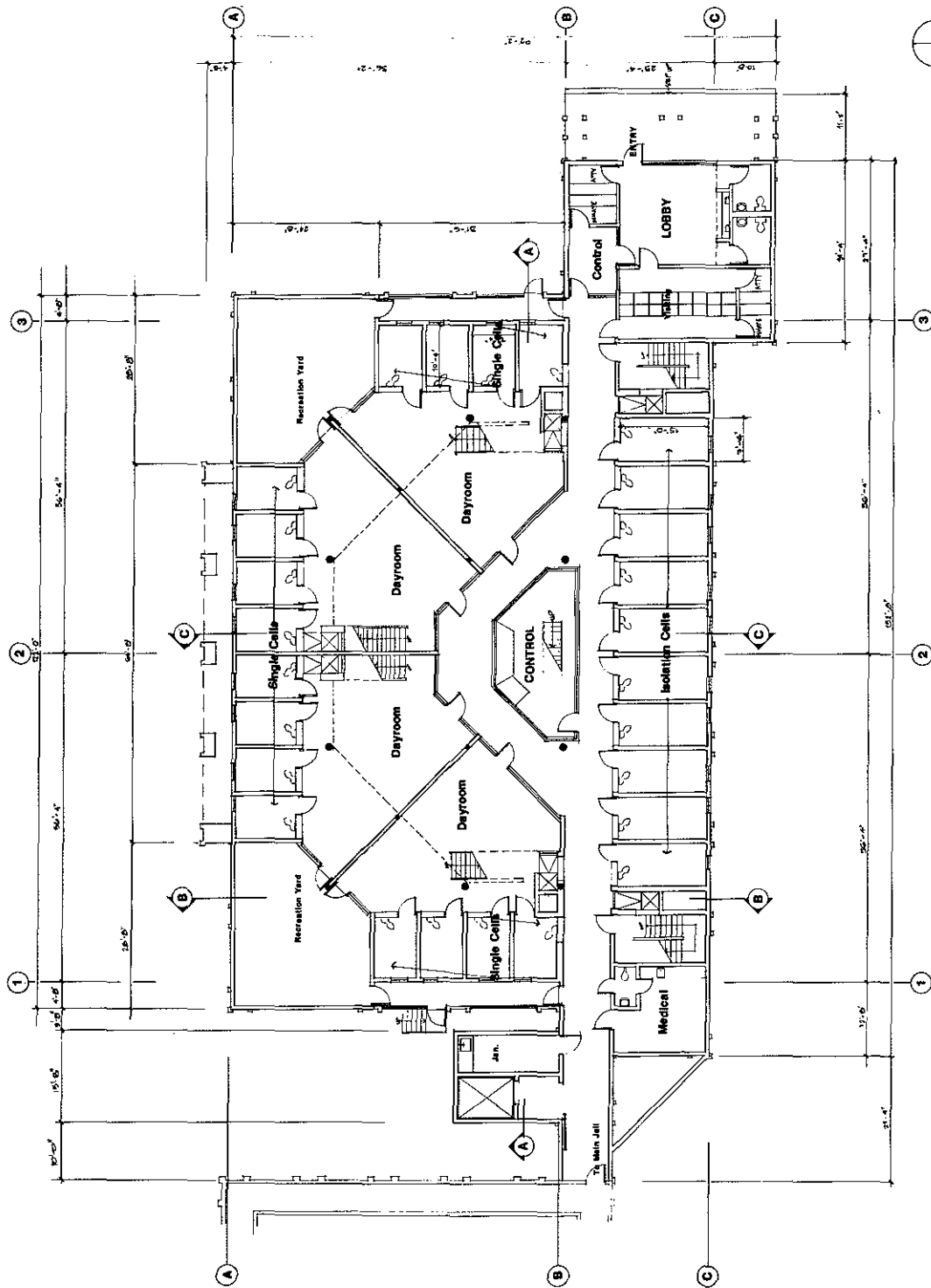
Jurisdiction official: John W. Carpenter, Sheriff

Contact: Captain John DaFoe, Jail Commander, Santa Barbara County Main Jail, 4436 Calle Real, Santa Barbara, CA 93110, 805-681-4100

Architects: Patrick Sullivan Associates, 110 North Harvard, Claremont, CA 91711, 714-624-4051
Patrick Sullivan Associates, 542 High Street, Palo Alto, CA 94301, 415-327-2490

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: December 1985 Finish date: June 1987 Construction time: 18 months</p> | <p>Design capacity: 68 Total cost: \$3,450,700 Total annual operating costs: N/A (expansion)</p> | <p>Category: Expansion project Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,450,700 Building only: \$3,450,700 Housing area: \$2,844,930 Housing per inmate: \$59,269 Housing per cell: \$88,904 Total per inmate: \$50,746 Total per GSF: \$139.53 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 24,730 Gross square feet/other: 0 Gross square feet/total: 24,730 Housing area square feet: 15,378 Gross square feet per inmate: 364 Size of cells: 76 square feet (gen. single); 110 (gen. double and spec. single) Net/gross square feet: 80%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 8 Inmates per unit: 12 Management type: Intermittent surveillance November 1987 population: 120 Facility commitment: Local jail inmates Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 25% Medium: 75% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Floors and roof—concrete waffle slab Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Plaster over CMU; stucco</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; prefab wall unit with cell door and steel plumbing chase</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells HVAC: Air conditioning; gas heat Plumbing: Stainless steel; stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 16 Double occupancy: 32 Dorms: 0 Special housing: 20 General population: 48 Total: 68</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 0 Security: 10 Programs/treatment: 0 Maintenance: 0 Total: 10 (expansion only) Current inmate/staff ratio: 12.0:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Slow construction, lengthy building time; hillside location; existing jail structures</p> <p>Factors affecting time schedule: Positive: Simple construction methods, factory assembly; advanced order of materials and hardware; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers</p> |



Santa Cruz County Jail (Phase I)

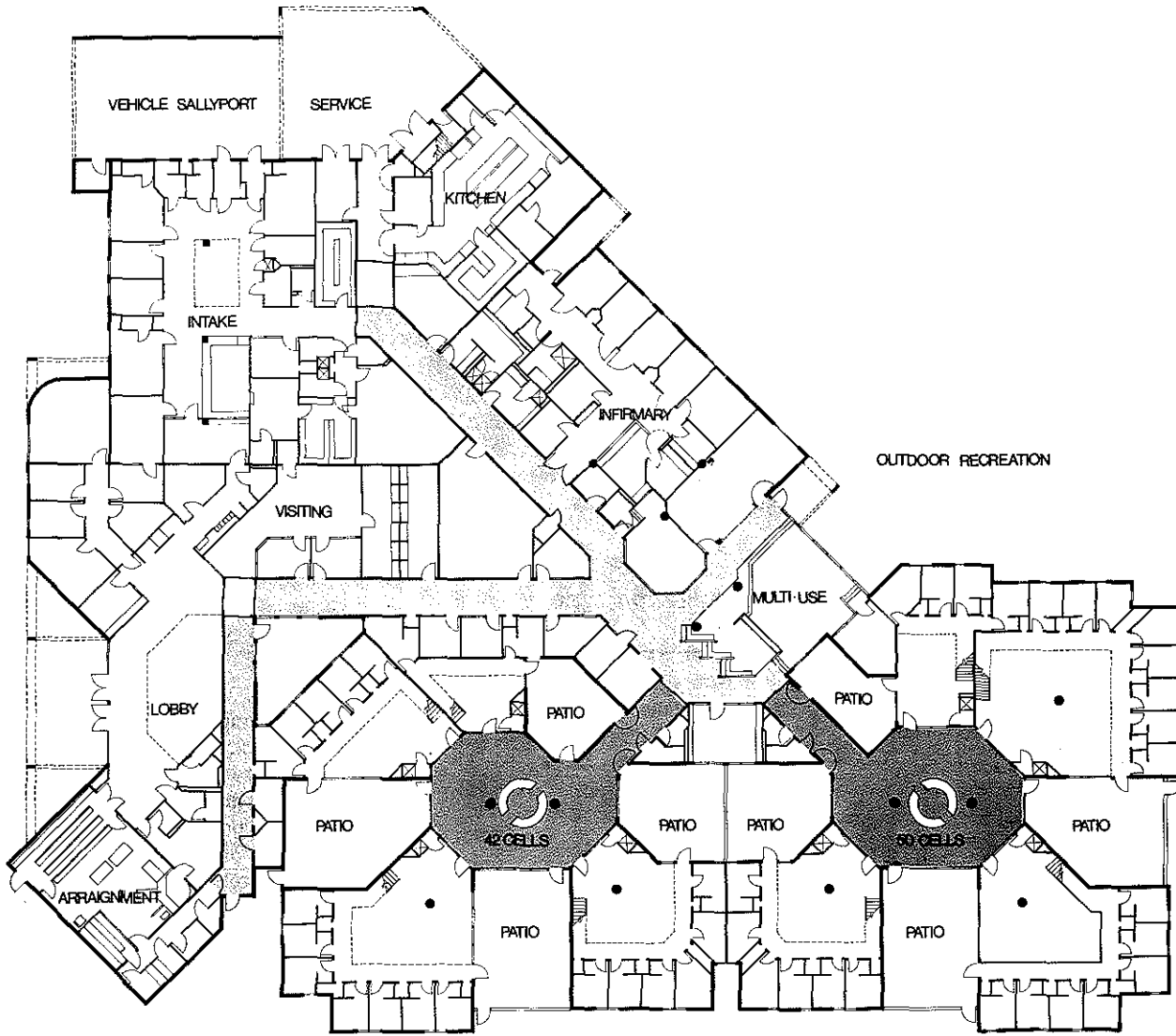
Jurisdiction official: Alfred F. Noren, Sheriff

Contact: Brad Arbsland, Jail Commander, Santa Cruz County Jail, 259 Water Street, Santa Cruz, CA 95060, 408-425-2666

Architect: Kaplan/McLaughlin/Diaz, 222 Vallejo Street, San Francisco, CA 94111, 415-398-5191

Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: February 1979 Finish date: May 1981 Construction time: 27 months</p> | <p>Design capacity: 96 Total cost: \$8,400,000 Total annual operating costs: \$3,799,332</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure; clusters</p> |
| <p>Costs</p> <p>Total: \$8,400,000 Building only: \$6,200,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$87,500 Total per GSF: \$178.72 Total annual operating costs: \$3,799,332</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 47,000 Gross square feet/other: 0 Gross square feet/total: 47,000 Housing area square feet: 12,682 Gross square feet per inmate: 490 Size of cells: 74 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 42 and 50 Inmates per unit: 46 Management type: Remote surveillance October 1985 population: 150 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Mattresses on floor; beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Building exterior; alarm/detection system Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete Interior walls: Cast-in-place concrete Exterior surface/facade: Stucco; paint</p> | <p>Construction process</p> <p>Finance method: Revenue sharing; other Federal funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: Two-way to cells HVAC: Air conditioning Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors for cells, common areas, and ducts; manual alarm stations; smoke evacuation</p> | <p>Inmate design capacity</p> <p>Single occupancy: 92 Double occupancy: 0 Dorms: 0 Special housing: 4 General population: 92 Total: 96</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 9 Security: 66 Programs/treatment: 20 Maintenance: 4 Total: 99 Current inmate/staff ratio: 1.52:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods Negative: Slow construction, lengthy building time; difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods Negative: Complex electronic, mechanical, and electrical systems</p> |



FIRST FLOOR



Sequoia Field Detention Facility

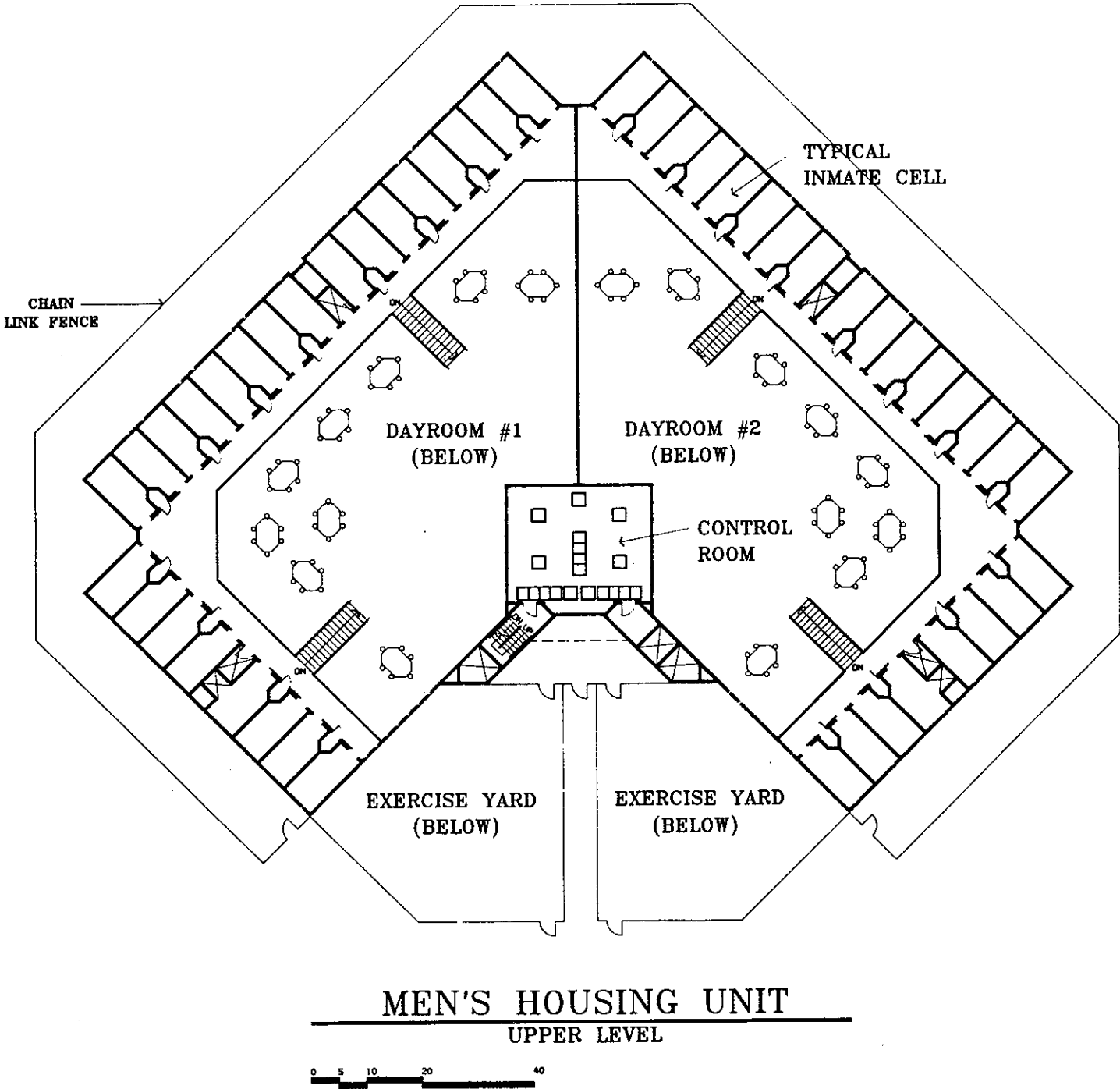
Jurisdiction official: Bob Wiley, Sheriff/Coroner

Contact: Captain Mitch Vidak, Sequoia Field Detention Facility, 36712 Road 112, Visalia, CA 93291, 209-733-6233

Architect: Hope Consulting Group, 562 Mission Street, San Francisco, CA 94105, 415-434-0381

Construction manager: Kitchell CEM, Inc., 1707 East Highland Avenue, Suite 280, Phoenix, AZ 85016, 602-266-1970

| | | |
|--|---|--|
| <p>Groundbreaking: November 1985 Finish date: April 1987 Construction time: 17 months</p> | <p>Design capacity: 436 Total cost: \$21,300,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$21,300,000 Building only: \$20,000,000 Housing area: \$11,000,000 Housing per inmate: \$28,646 Housing per cell: \$61,919 Total per inmate: \$48,853 Total per GSF: \$161.72 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 130,000 Gross square feet/other: 0 Gross square feet/total: 130,000 Housing area square feet: 87,224 Gross square feet per inmate: 298 Size of cells: 70 square feet (gen. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 96 Inmates per unit: 96 Management type: Remote surveillance September 1987 population: 360 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence; video camera surveillance Inmate security level: Maximum: 13% Medium: 75% Minimum: 12%</p> | <p>Construction type</p> <p>Structural: Steel frame; load-bearing masonry Exterior walls: CMU block Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Natural wall</p> | <p>Construction process</p> <p>Finance method: Certificates of Participation; State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Limited; concrete floor planks in mezzanine and housing; concrete window frames</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Manual locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; hydronic heat (hot water from cogeneration facility) Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 336 Double occupancy: 0 Dorms: 48 Special housing: 52 General population: 384 Total: 436</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 63 Programs/treatment: 7 Maintenance: 5 Total: 77 Current inmate/staff ratio: 4.68:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; phased construction; fast track CM Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; phased construction, fast track CM; coordination of design between parties Negative: Slow responses and delivery from suppliers; complex electronic, mechanical, and electrical systems</p> |



Shasta County Justice Center

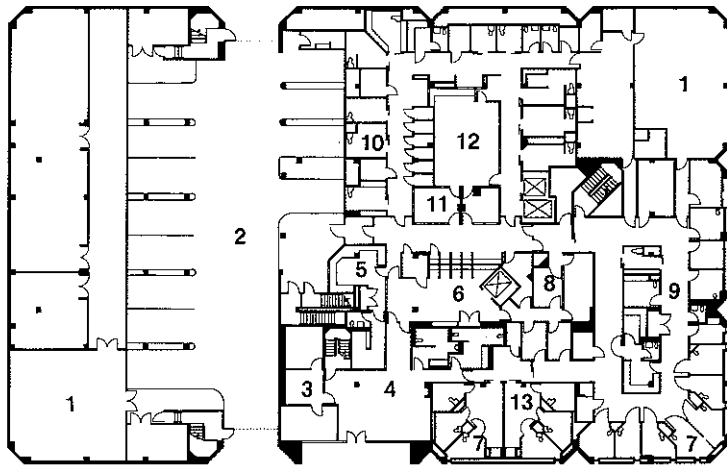
Jurisdiction official: Phil D. Eoff, Sheriff

Contact: Captain Gene Toten, Jail Commander, Shasta County Justice Center, West and Placer Streets, Redding, CA 96001, 916-225-5651

Architects: Hellmuth, Obata & Kassabaum, Inc., One Lombard Street, San Francisco, CA 94111, 415-627-1600
WKSD Architects, 225 Locust, Suite 3, Redding, CA 96001, 916-246-1900

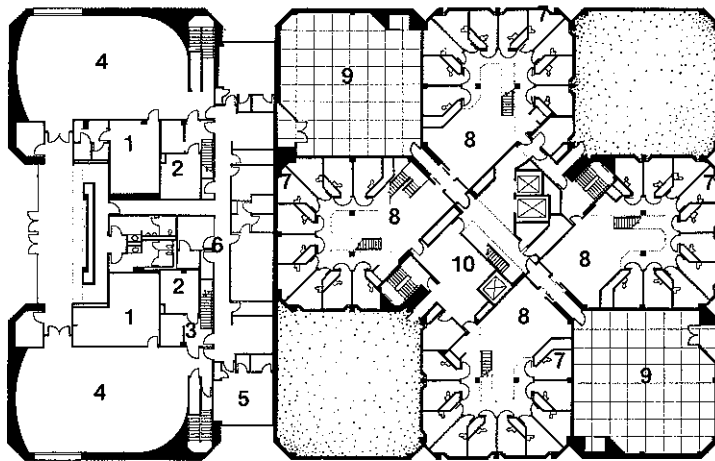
Construction manager: M. Hill Company, 1525 Court Street, Redding, CA 96001, 916-441-3955

| | | |
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| <p>Groundbreaking: November 1982 Finish date: June 1984 Construction time: 19 months</p> | <p>Design capacity: 250 Total cost: \$14,500,000 Total annual operating costs: \$4,753,529</p> | <p>Category: New, independent facility Facility type: Complex, county jail, courts Building configuration: Integrated structure, high rise</p> |
| <p>Costs</p> <p>Total: \$14,500,000 Building only: \$14,000,000 Housing area: \$9,500,000 Housing per inmate: \$39,583 Housing per cell: \$39,583 Total per inmate: \$58,000 Total per GSF: \$207.14 Total annual operating costs: \$4,753,529</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 70,000 Gross square feet/other: 0 Gross square feet/total: 70,000 Housing area square feet: Unknown Gross square feet per inmate: 280 Size of cells: 70 square feet (single) Net/gross square feet: 96%</p> <p>Construction type</p> <p>Structural: Steel frame; poured-in-place concrete lower 2 levels Exterior walls: Steel studs with heavy duty thermal insulation Interior walls: CMU block with pneumatic placed concrete surfaces Exterior surface/facade: Stucco over steel studs</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 80 Inmates per unit: 80 Management type: Intermittent surveillance; patrols October 1985 population: 277 Facility commitment: Local jail inmates Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 16% Medium: 68% Minimum: 16%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 240 Double occupancy: 0 Dorms: 0 Special housing: 10 General population: 240 Total: 250</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 19 Security: 48 Programs/treatment: 19 Maintenance: 10 Total: 96 Current inmate/staff ratio: 2.89:1</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: One-way to cells; two-way to common areas HVAC: Heating/air circulation only Plumbing: Stainless Furniture: Concrete Fire protection: Smoke detectors for cells</p> | | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: High labor costs; difficult site conditions; inflation</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; phased construction, fast track construction management; advanced order of materials and hardware Negative: Weather problems</p> |



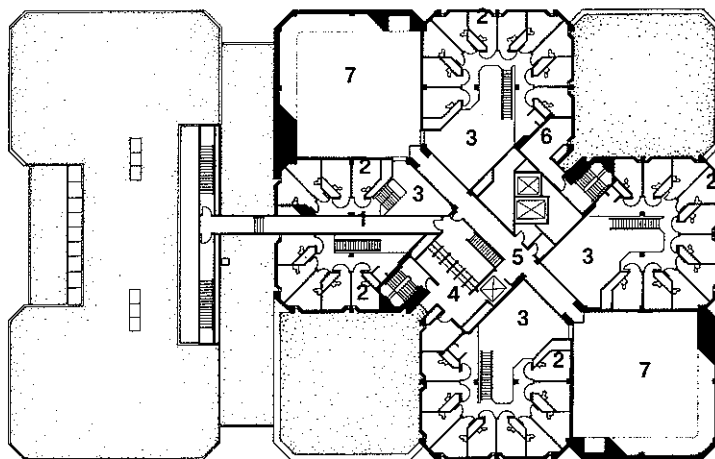
Ground Level

- 1 Mechanical
- 2 Vehicular Sally Port
- 3 Offices
- 4 Public Lobby
- 5 Central Control
- 6 Visiting
- 7 Cell
- 8 Interview
- 9 Medical
- 10 Holding Room
- 11 Services
- 12 Booking
- 13 Special Segregation



Level Two

- 1 Jury Deliberation
- 2 Holding Cell
- 3 Sally Port
- 4 Court Room
- 5 Judge's Chamber
- 6 Courts Administration
- 7 Cell
- 8 Dayroom
- 9 Outdoor Exercise
- 10 Multi-Purpose Room



**Typical Mezzanine
Level Two**

- 1 Corridor to Courts
- 2 Cell
- 3 Dayroom Below
- 4 Visiting
- 5 Control Room
- 6 Electrical/Communication Equipment
- 7 Outdoor Exercise Below

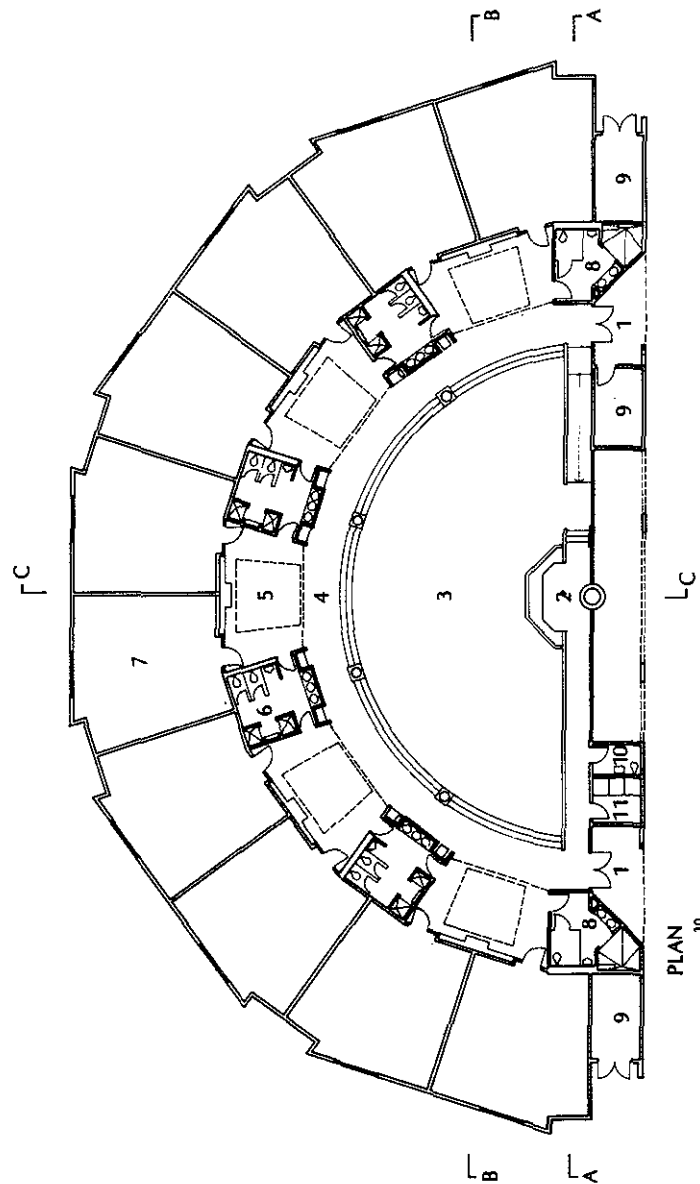
Sonoma North County Detention Facility (Addition/Remodel)

Jurisdiction official: Dick Mickaelsen, Sheriff-Coroner

Contact: John DeWitt, Correctional Lieutenant, Sonoma North County Detention Facility, 2254 Airport Boulevard, Santa Rosa, CA 95401, 707-542-3375
Architect: The Ehrenkrantz Group, 855 Front Street, San Francisco, CA 94111, 415-956-4394
Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: March 1985 Finish date: April 1986 Construction time: 13 months</p> | <p>Design capacity: 139 Total cost: \$5,200,000 Total annual operating costs: \$7,451,624 (entire facility)</p> | <p>Category: New, ancillary building; remodel/renovation; phased project (future) Facility type: County jail Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$5,200,000 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (remodel) Total per GSF: \$181.74 Total annual operating costs: \$7,451,624 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 28,612 Gross square feet/other: 0 Gross square feet/total: 28,612 Housing area square feet: 12,350 Gross square feet per inmate: 206 Size of cells: 100 square feet (double); 60 (spec. single) Net/gross square feet: 66%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: Unknown Inmates per unit: Unknown Management type: Direct supervision February 1987 population: 174 Facility commitment: Local jail inmates Means to handle crowding: Beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fences; video camera surveillance; roving officer Inmate security level: Maximum: 13% Medium: 25% Minimum: 62%</p> | <p>Construction type</p> <p>Structural: Wood frame/steel columns Exterior walls: CMU block; wood stud/stucco/wood siding Interior walls: CMU block; wood stud/GWB Exterior surface/facade: Stucco; paint; wood siding</p> | <p>Construction process</p> <p>Finance method: Certificates of Participation; local funds; State funds Contract method: Phased (2 bid packages) Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; wooden Doors/type: Swinging Doors/locking: Remote locking; manual locking Floors: Carpet; sealed concrete; vinyl tile Intercom: Two-way to cells; one-way to common areas HVAC: Air conditioning; gas heat Plumbing: China Furniture: Steel; wood; vinyl/plastic; concrete Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 16 Dorms: 112 Special housing: 11 General population: 128 Total: 139</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 18 Programs/treatment: 1 Maintenance: 1 Total: 22 (entire facility) Current inmate/staff ratio: 7.91:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; phased construction, fast track CM; less expensive materials and hardware Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; phased construction, fast track CM Negative: Complex electronic, mechanical, and electrical systems—minor delay</p> |

- HOUSING FLOOR PLAN
1 ENTRANCE
2 OFFICER'S STATION
3 DAYROOM
4 HALL
5 TV AREA
6 BATHROOM
7 DORMITORY
8 HDCP BATHROOM
9 STORAGE
10 OFFICER'S ROOM
11 LAUNDRY



Stanislaus County Jail (Remodel/Expansion)

Jurisdiction official: Jim Trevena, Sheriff

Contact: Captain Rod Wells, Stanislaus County Jail, 1100 H Street, Modesto, CA 95354, 209-571-6456

Architect: Crosby, Thornton, Marshall, Booker, Lawlor, Architects, 2105 Lancey Drive, Suite 7, Modesto, CA 95355, 209-575-1384

Construction manager: None

| | | |
|--|--|--|
| <p>Groundbreaking: April 1985 Finish date: February 1986 Construction time: 10 months</p> | <p>Design capacity: 40 Total cost: \$791,000 Total annual operating costs: N/A (expansion)</p> | <p>Category: Remodeling/renovation project to expand jail capacity Facility type: Complex: county jail, law enforcement, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$791,000 Building only: N/A (remodel) Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$48.55 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 8,040 Gross square feet/other: 8,252 Gross square feet/total: 16,292 Housing area square feet: 2,544 Gross square feet per inmate: 201 Size of cells: 55 square feet per bed (dorms) Net/gross square feet: 90%</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside; dormitories Cells per unit: N/A Inmates per unit: N/A Management type: Intermittent surveillance October 1985 population: 40 Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor; second bunk attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior; double fence/exercise yard Inmate security level: Maximum: 20% Medium: 60% Minimum: 20%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete Interior walls: Cast-in-place concrete Exterior surface/facade: Paint</p> | <p>Construction process</p> <p>Finance method: Revenue sharing; State funds Contract method: Conventional Use of inmate labor: Limited Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Unknown Doors/type: Sliding Doors/locking: Unknown Floor surface: Sealed concrete; vinyl tile Intercom: One-way to cells and common areas HVAC: Air conditioning; vari-cool unit Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 40 Special housing: 0 General population: 40 Total: 40</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 5 Programs/treatment: N/A Maintenance: N/A Total: 5 (expansion only) Current inmate/staff ratio: 8:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Remodel of existing facility Negative: Slow construction; high labor costs; government procedures, regulations, "red tape"; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: None Negative: Slow responses and delivery from vendors, suppliers; government procedures, regulations, "red tape"</p> |

(No floorplan available at time of publication)

Sunnyvale Public Safety Building and Temporary Holding Facility

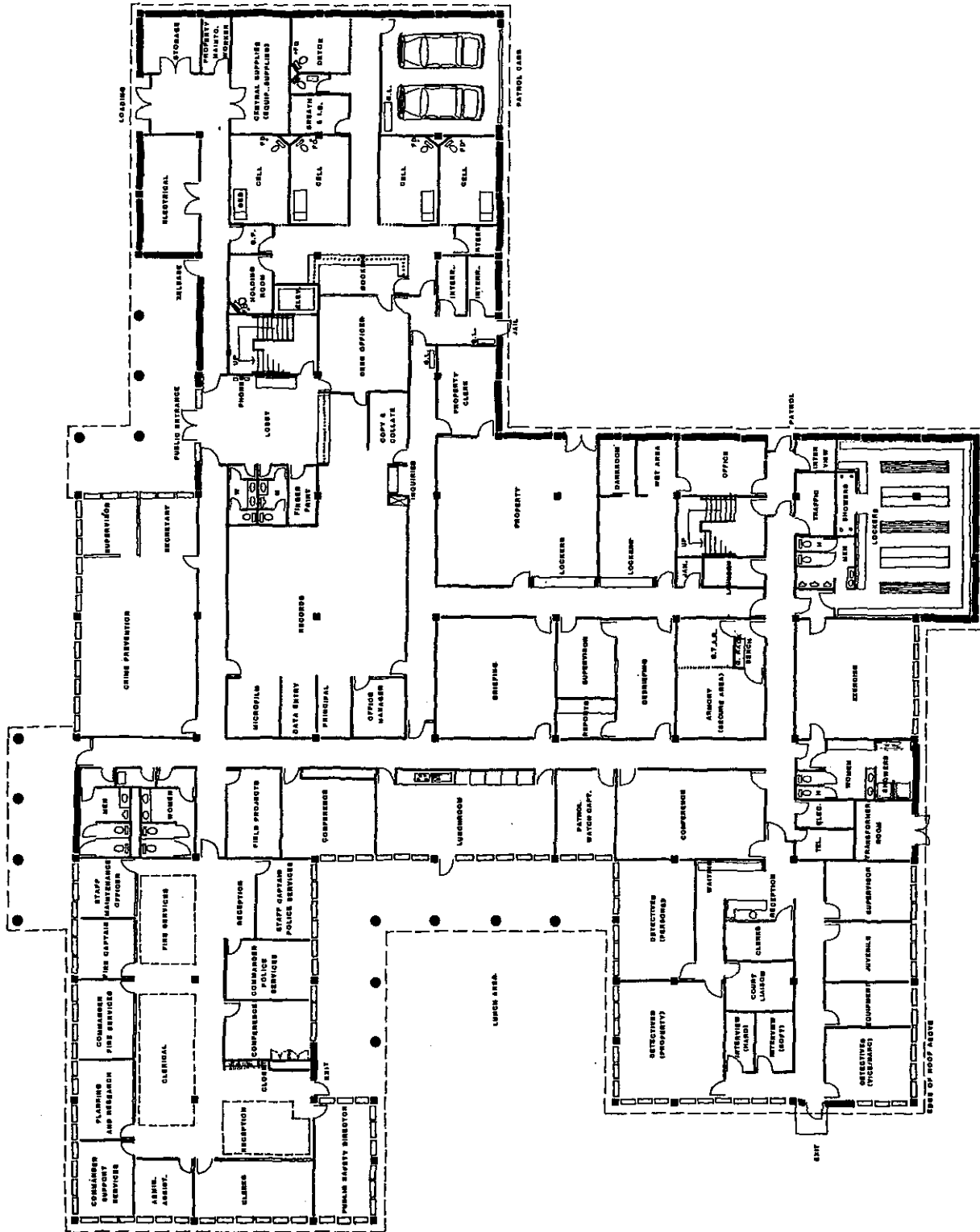
Jurisdiction official: Ralph Hern, Commander, Support Services Division

Contact: Regan Williams, Sunnyvale Public Safety Building, 700 All America Way, Sunnyvale, CA 94086, 408-730-7163

Architect: The Ehrenkrantz Group, 855 Front Street, San Francisco, CA 94111, 415-956-4394

Construction manager: Architectural Inspection Service, 2335 Thompson Court, Mountain View, CA 94043, 415-968-7904

| | | |
|---|---|---|
| <p>Groundbreaking: August 1983 Finish date: April 1985 Construction time: 20 months</p> | <p>Design capacity: 20 Total cost: \$6,100,000 Total annual operating costs: \$13,058,406</p> | <p>Category: New, independent facility Facility type: Complex: city jail, law enforcement, city emergency operations Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$6,100,000 Building only: \$4,000,000 Housing area: \$238,500 Housing per inmate: \$11,925 Housing per cell: \$39,750 Total per inmate: N/A (complex) Total per GSF: \$152.88 Total annual operating costs: \$13,058,406</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 2,380 Gross square feet/other: 37,520 Gross square feet/total: 39,900 Housing area square feet: 849 Gross square feet per inmate: 119 Size of cells: 136 square feet (single) Net/gross square feet: 80%</p> | <p>Inmate housing areas</p> <p>Design: Linear, interior Cells per unit: 5 Inmates per unit: 9 Management type: Intermittent surveillance; remote surveillance December 1986 population: 13 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick Interior walls: CMU block; glazed Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking; manual locking Floor surface: Quarry tile Intercom: One-way to cells and common areas HVAC: Air conditioning Plumbing: Stainless steel Furniture: Concrete Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 4 Double occupancy: 0 Dorms: 16 Special housing: 0 General population: 20 Total: 20</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Complex electronic, mechanical, and electrical systems</p> |



Torrance Police Department

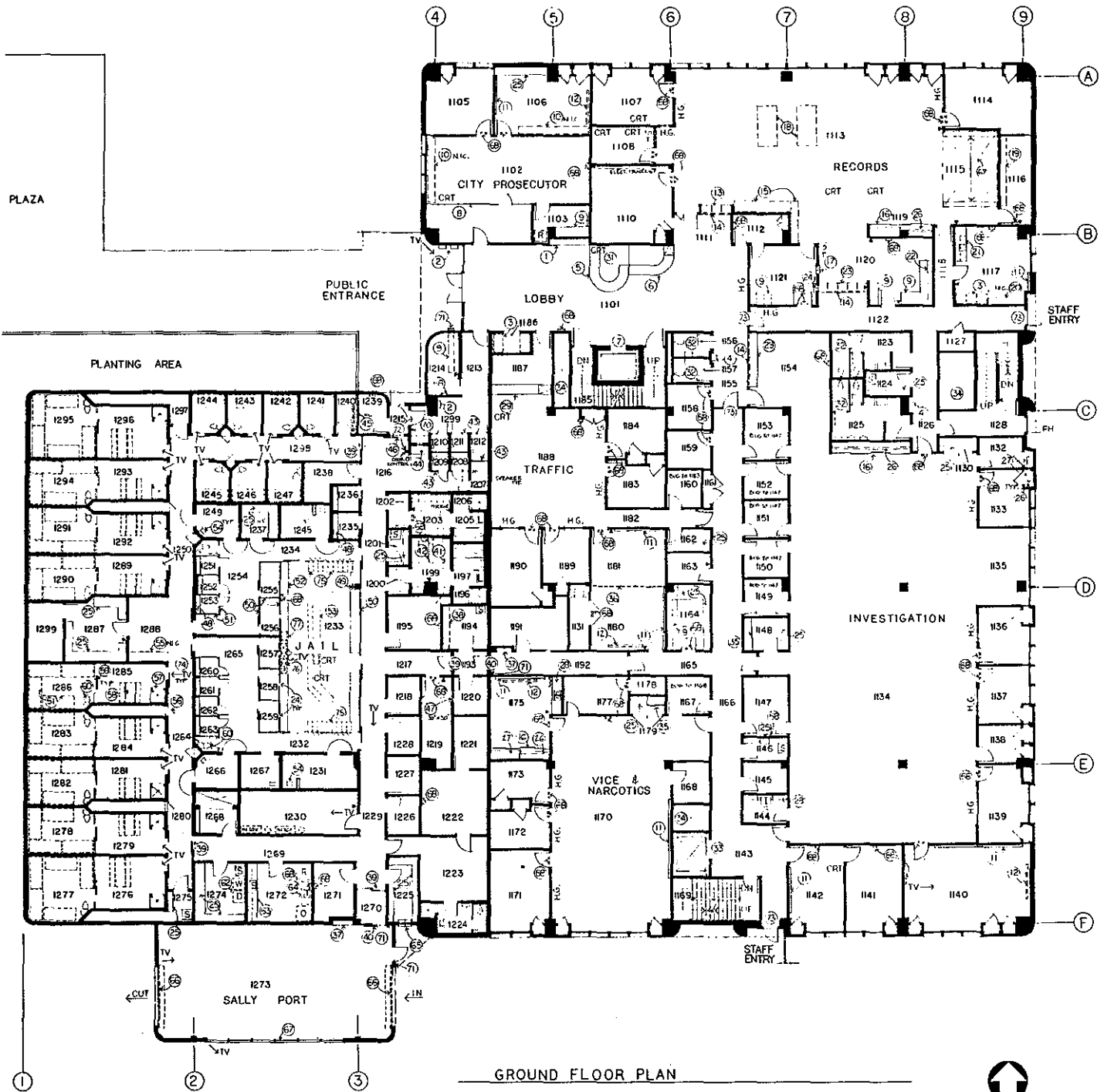
Jurisdiction official: Donald E. Nash, Chief of Police

Contact: Captain Bruce J. Randall, Services Bureau Commander, Torrance Police Department, 3300 Civic Center Drive, Torrance, CA 90503, 213-618-5702

Architect: H. Wendell Mounce AIA & Associates, 3436 North Verdugo Road, Glendale, CA 91208, 213-245-1044

Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: April 1980 Finish date: March 1982 Construction time: 23 months</p> | <p>Design capacity: 58 Total cost: \$7,188,000 Total annual operating costs: \$509,800</p> | <p>Category: New, independent facility Facility type: Complex: city jail; law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$7,188,000 Building only: \$6,500,000 Housing area: \$845,000 Housing per inmate: \$18,778 Housing per cell: \$52,813 Total per inmate: N/A (complex) Total per GSF: \$97.80 Total annual operating costs: \$509,800</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 8,640 Gross square feet/other: 64,860 Gross square feet/total: 73,500 Housing area square feet: 8,640 Gross square feet per inmate: 149 Size of cells: 56 square feet (single) Net/gross square feet: 74%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 22 Inmates per unit: 58 Management type: Remote surveillance May 1986 population: 30 Facility commitment: Local jail inmates Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior; alarm/detection systems; video camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame; CMU block Exterior walls: CMU block; metal studs Interior walls: CMU block; metal studs Exterior surface/facade: Brick; stucco; paint</p> | <p>Construction process</p> <p>Finance method: Shared cost from multiple jurisdictions Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Remote and manual locking Floor surface: Sealed concrete; vinyl tile Intercom: One-way to cells and common areas HVAC: Air conditioning; gas heat Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 7 Double occupancy: 0 Dorms: 38 Special housing: 13 General population: 45 Total: 58</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 18 Programs/treatment: 0 Maintenance: 1 Total: 21 Current inmate/staff ratio: 1.43:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; concrete block construction; good competition, favorable market Negative: Government procedures, regulations, and red tape; complex electronic, mechanical, and electrical systems Factors affecting time schedule: Positive: Coordination of design between parties Negative: Government procedures, regulations, and red tape; complex electronic, mechanical, and electrical systems</p> |



GROUND FLOOR PLAN

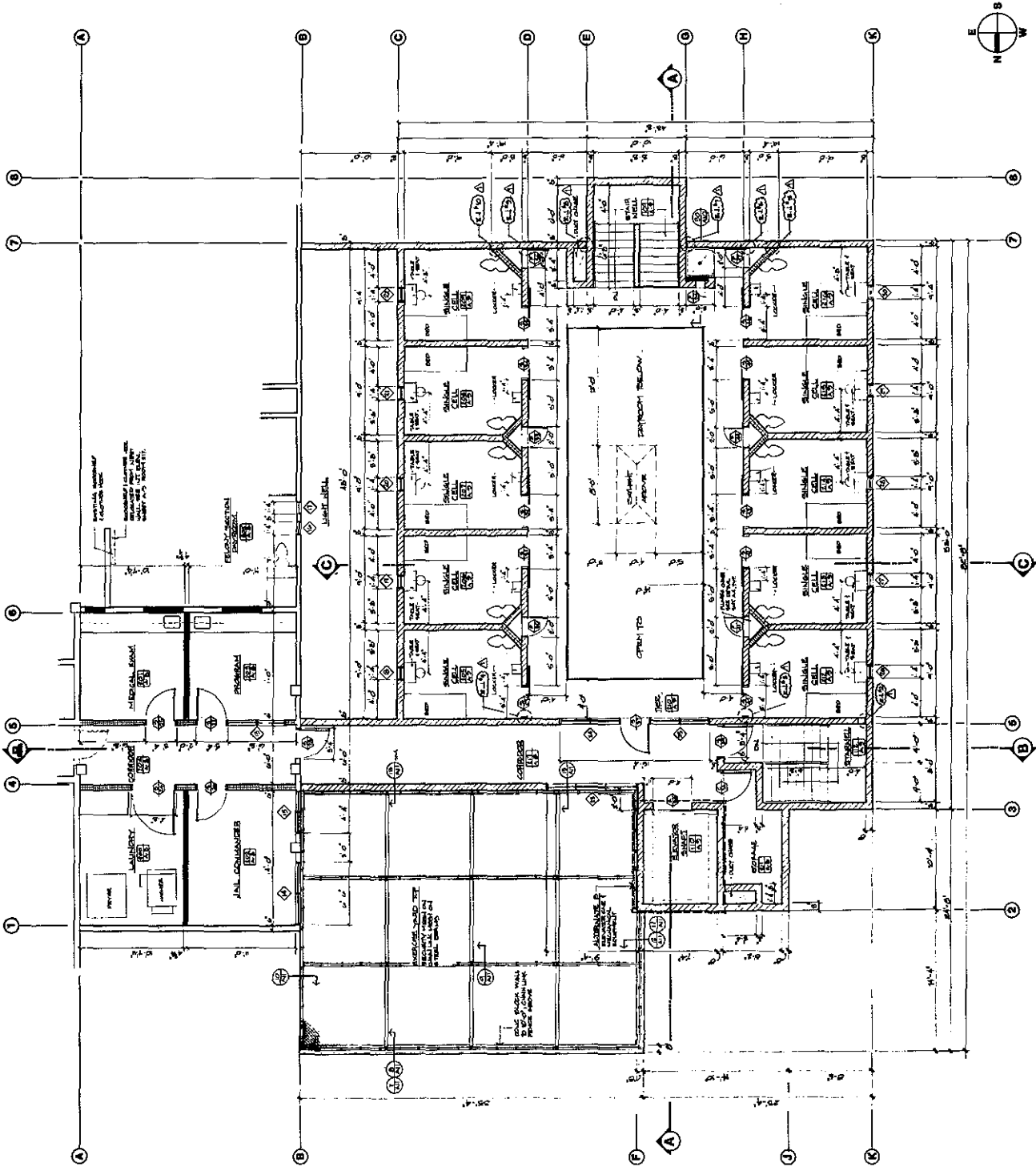


Tuolumne County Jail (Remodel/Expansion)

Jurisdiction official: Robert T. Coane, Sheriff/Coroner

Contact: James N. Childers, Jail Commander, Tuolumne County Jail, 28 North Lower Sunset Drive, Sonora, CA 95370, 209-533-5844
Architect: Patrick Sullivan Associates, 542 High Street, Palo Alto, CA 94301, 415-327-2490
Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: April 1985 Finish date: May 1986 Construction time: 13 months</p> | <p>Design capacity: 21 Total cost: \$920,700 Total annual operating costs: \$463,325 (entire facility)</p> | <p>Category: Remodel/renovation project; expansion project Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$920,700 Building only: N/A (remodel) Housing area: \$607,662 Housing per inmate: \$30,383 Housing per cell: \$30,383 Total per inmate: N/A (remodel) Total per GSF: \$102.12 Total annual operating costs: \$463,325 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 9,016 Gross square feet/other: 0 Gross square feet/total: 9,016 Housing area square feet: 5,990 Gross square feet per inmate: 429 Size of cells: 105 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Tier design; linear, inside Cells per unit: 20 Inmates per unit: 20 Management type: Intermittent surveillance October 1985 population: 70 (entire facility) Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor; bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 70% Medium: 20% Minimum: 10%</p> | <p>Construction type</p> <p>Structural: CMU with concrete deck Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Stucco</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Manual Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; forced air heat Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 20 Double occupancy: 0 Dorms: 0 Special housing: 1 General population: 20 Total: 21</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 15 Programs/treatment: 1 Maintenance: 2 Total: 19 (entire facility) Current inmate/staff ratio: 3.68:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: None Negative: None</p> <p>Factors affecting time schedule: Positive: None Negative: None</p> |



UPPER FLOOR PLAN

Yuba County Jail (Remodel)

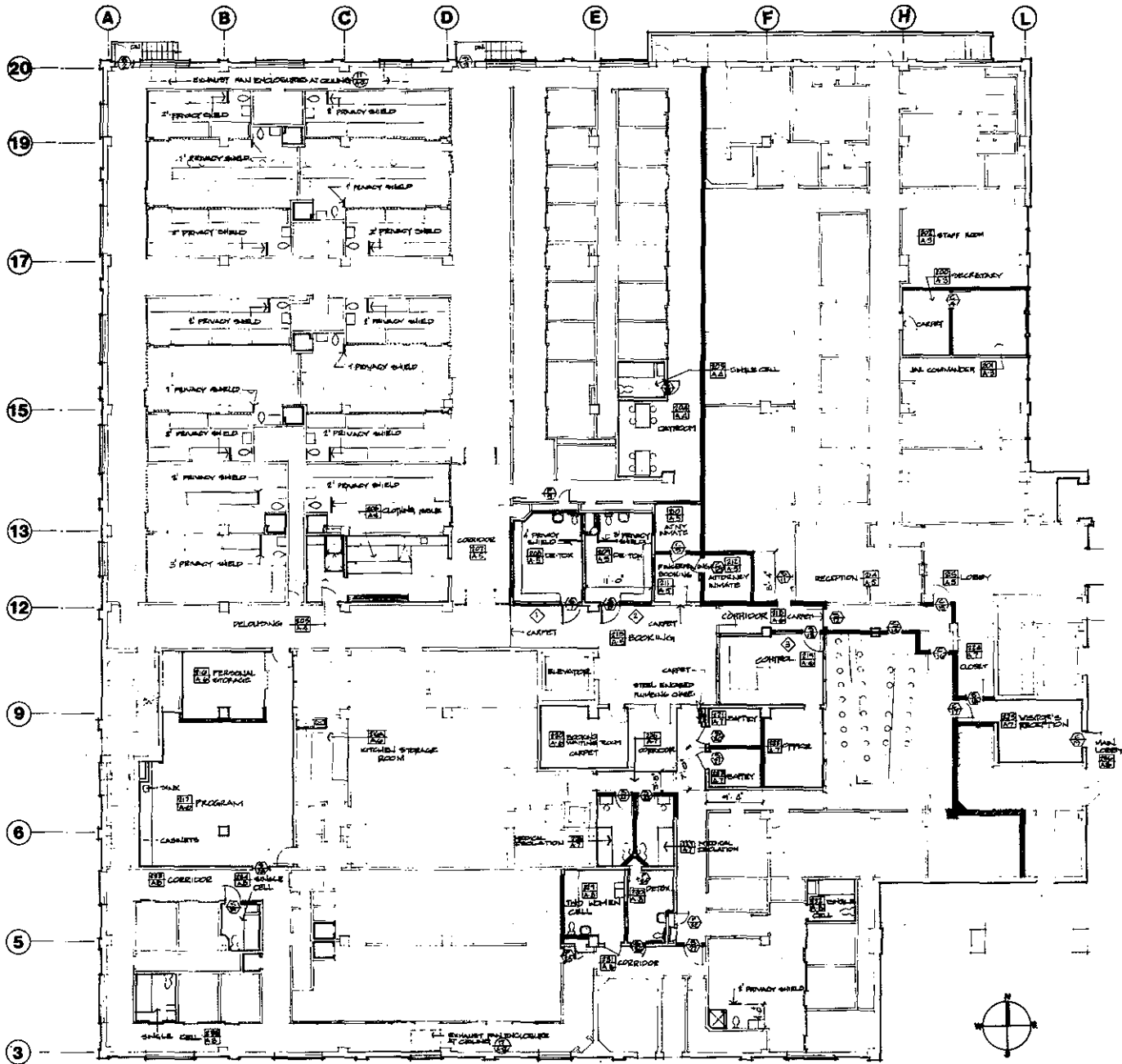
Jurisdiction official: Robert R. Day, Sheriff

Contact: Captain Gary M. Finch, Jail Commander, Yuba County Jail, 215 Fifth Street, Marysville, CA 95901, 916-741-6331

Architect: Patrick Sullivan Associates, 542 High Street, Palo Alto, CA 94301, 415-327-2490

Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: June 1985 Finish date: July 1986 Construction time: 13 months</p> | <p>Design capacity: 134 Total cost: \$500,000 Total annual operating costs: \$620,370</p> | <p>Category: Remodel/renovation Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$500,000 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (remodel) Total per GSF: \$25.98 Total annual operating costs: \$620,370</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 19,248 Gross square feet/other: 0 Gross square feet/total: 19,248 Housing area square feet: 6,235 Gross square feet per inmate: 144 Size of cells: 56 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: N/A Inmates per unit: 20 Management type: Intermittent surveillance October 1985 population: 125 Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: No alteration Inmate security level: Maximum: 50% Medium: 50% Minimum: 0</p> | <p>Structural: Concrete Exterior walls: Concrete floors and ceilings Interior walls: Steel bar cell walls; Gunitite walls Exterior surface/facade: Gunitite walls</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Conventional Use of inmate labor: Yes, painting Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Hollow metal and open bar Doors/type: Swinging Doors/locking: Manual and remote locking Floor surface: Sealed concrete Intercom: None HVAC: None Plumbing: Stainless steel Furniture: Steel Fire protection: No alteration (no sprinklers)</p> | <p>Single occupancy: 24 Double occupancy: 4 Dorms: 104 Special housing: 2 General population: 132 Total: 134</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 20 Programs/treatment: 2 Maintenance: 3 Total: 27 Current inmate/staff ratio: 4.63:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; county's efforts to circulate bid documents Negative: Difficult security conditions during remodeling</p> <p>Factors affecting time schedule: Positive: None Negative: Working within existing building; security hollow metal and locks</p> |



GROUND FLOOR PLAN 1/8" = 1'-0"

Adams County Detention Facility

Jurisdiction official: Edward J. Camp, Sheriff

Contact: Deputy Chief Penny Collins, Adams County Detention Facility, 150 N. 19th Street, Brighton, CO 80601, 303-654-1850

Architect: Justice Systems, Inc., 348 Peachtree Street NE., Atlanta, GA 30308, 404-577-3184

Construction manager: Morrison-Knudsen Company, Inc., P.O. Box 7808, Boise, ID 83729, 208-386-5000

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| <p>Groundbreaking: February 1984 Finish date: May 1985 Construction time: 15 months</p> | <p>Design capacity: 485 Total cost: \$15,382,660 Total annual operating costs: \$3,371,143</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Wings connecting housing pods</p> |
| <p>Costs</p> <p>Total: \$15,382,660 Building only: \$14,100,000 Housing area: \$10,800,000 Housing per inmate: \$22,500 Housing per cell: \$22,500 Total per inmate: \$31,717 Total per GSF: \$67.43 Total annual operating costs: \$3,371,143</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 228,140 Gross square feet/other: 0 Gross square feet/total: 228,140 Housing area square feet: 171,332 Gross square feet per inmate: 470 Size of cells: 83 square feet (single) Net/gross square feet: 77%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Remote surveillance October 1985 population: 264 Facility commitment: Local inmates; State prisoners Means to handle crowding: N/A</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fence Inmate security level: Maximum: 40% Medium: 60% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Stucco; paint</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid steel Doors/type: Sliding (max.); swinging (med.) Doors/locking: Remote locking only (max.); motor driven and remote locking (med.) Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning Plumbing: Stainless (max.); china (med.) Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 480 Double occupancy: 0 Dorms: 0 Special housing: 5 General population: 480 Total: 485</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 19 Security: 113 Programs/treatment: 3 Maintenance: 5 Total: 140 (not incl. contract food, medical) Current inmate/staff ratio: 1.89:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness and cost-consciousness of design; phased construction, fast track construction management; clear plans and specs Negative: High labor costs; difficult site conditions (expansive clay)</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; phased construction; advanced order of materials and hardware; coordination of design between parties Negative: Weather problems</p> |

(No floorplan available at time of publication)

Alamosa County Law Enforcement Center

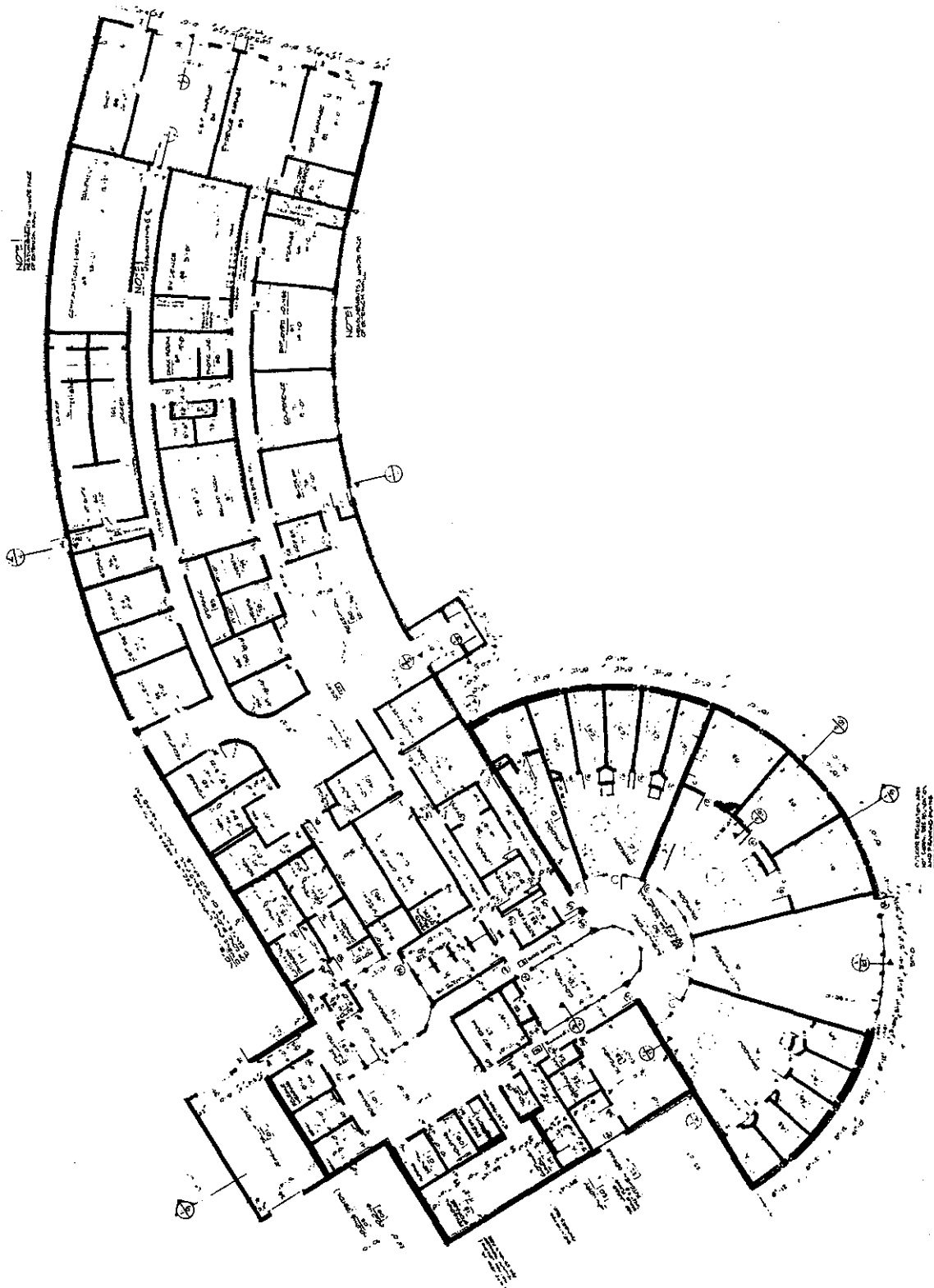
Jurisdiction official: James P. Drury, Sheriff

Contact: Captain Glenn Biggs, Jail Administrator, Alamosa County Law Enforcement Center, 1315 17th Street, Alamosa, CO 81101, 303-589-5787

Architect: E. George Wynn—Architect, 52499 County Road "T", Saguache, CO 81149, 303-655-2247

Construction manager: None

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|---|---|--|
| <p>Groundbreaking: May 1985 Finish date: July 1986 Construction time: 14 months</p> | <p>Design capacity: 51 Total cost: \$1,993,693 Total annual operating costs: \$379,526</p> | <p>Category: New, independent facility Facility type: Complex: county jail; law enforcement; Immigration & Naturalization Service Building configuration: Integrated structure; wheel, spoke or radial</p> |
| <p>Costs</p> <p>Total: \$1,993,693 Building only: \$1,893,693 Housing area: \$1,270,290 Housing per inmate: \$31,757 Housing per cell: \$52,929 Total per inmate: N/A (complex) Total per GSF: \$80.77 Total annual operating costs: \$379,526</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 12,098 Gross square feet/other: 12,587 Gross square feet/total: 24,685 Housing area square feet: 12,098 Gross square feet per inmate: 237 Size of cells: 70 square feet (single); 104 (double); 236 (4-man) Net/gross square feet: 94%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 25 Inmates per unit: 44 Management type: Remote surveillance; "roving" officer in direct supervision September 1986 population: 14 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Other facilities</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance; razor wire between double fences around courtyard Inmate security level: Maximum: 35% Medium: 32% Minimum: 33%</p> | <p>Construction type</p> <p>Structural: Steel frame; load bearing CMU block Exterior walls: CMU block Interior walls: Cast-in-place concrete; CMU block; steel stud and drywall Exterior surface/facade: Stucco; paint; natural wall; fluted CMU block</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; special election; local funds Contract method: Conventional; cost plus contract with upset price Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Solenoid driven and remote locking; manual locking Floor surface: Concrete sealed with paint Intercom: Two-way to cells and common areas HVAC: Heating/air circulation; gas heat; passive solar heat; evaporative cooling Plumbing: China; stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 14 Double occupancy: 14 Dorms: 12 Special housing: 11 General population: 40 Total: 51</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 13 Programs/treatment: 0 Maintenance: 0 Total: 14 Current inmate/staff ratio: 1.00:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; continuous and extensive participation by design architect Negative: Exorbitant costs of specialized "detention" equipment (i.e., window frames, fixtures, furnishings, fittings)</p> <p>Factors affecting time schedule: Positive: Simple construction methods; advanced order of materials and hardware; coordination of design between parties; extensive supervision by design architect; excellent scheduling by general contractor Negative: Slow responses and delivery from vendors, suppliers</p> |

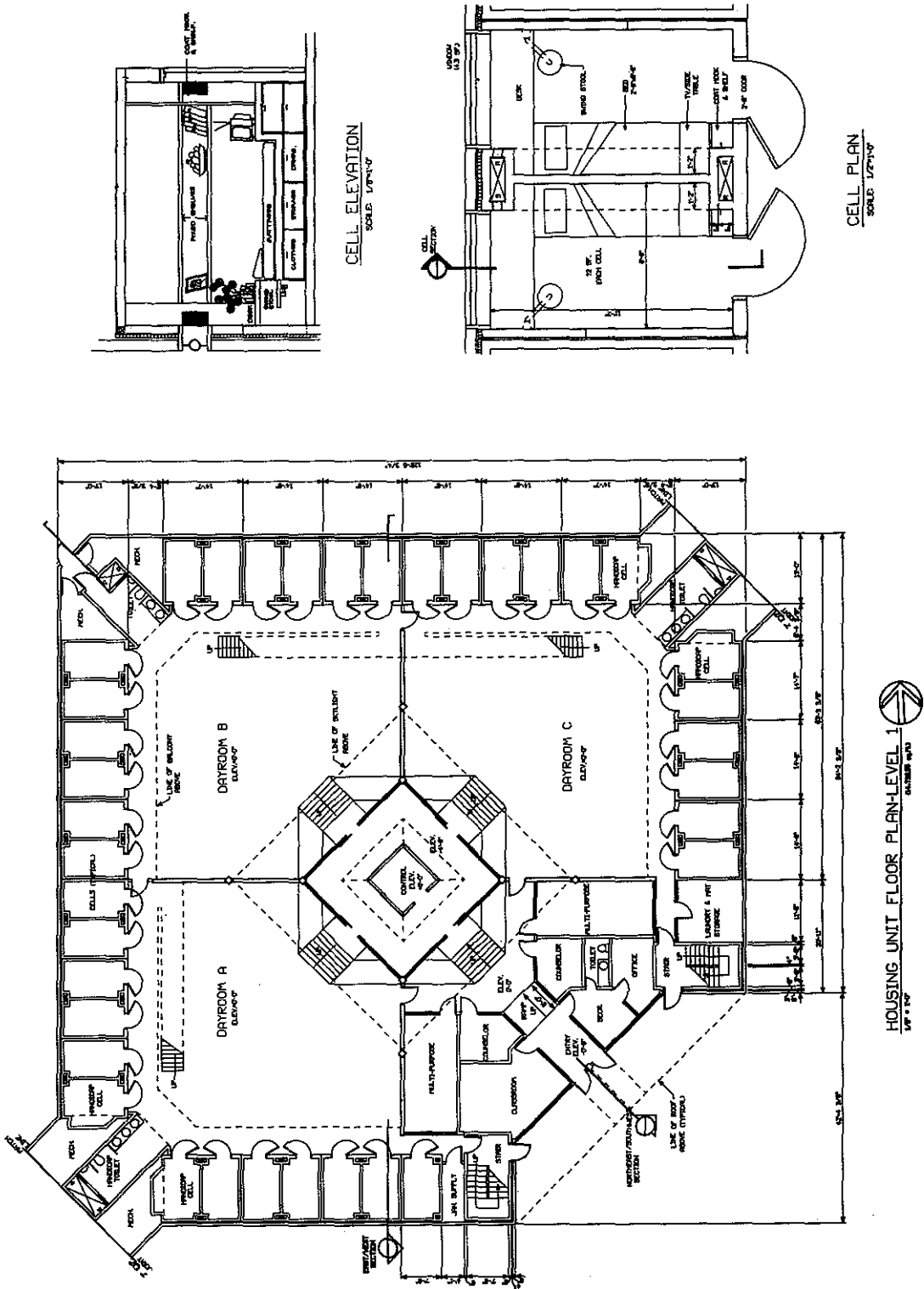


Arkansas Valley Correctional Facility

Jurisdiction official: Walter Kautzky, Executive Director, Department of Corrections

Contact: Superintendent Jim Brittain, Arkansas Valley Correctional Facility, Box 1000, Crowley, CO 81034, 303-267-3520
Architects: RNL Design, Seventeenth Street Plaza, Suite 1700, 1225 Seventeenth Street, Denver, CO 80202, 303-295-1717
 H. Holding and Associates, 216 East Monument, Colorado Springs, CO 80903, 303-475-1270
Construction manager: G.E. Johnson Construction Company, P.O. Box 2139, 310 South 14th Street, Colorado Springs, CO 80901, 303-473-5321

| | | |
|---|---|--|
| <p>Groundbreaking: December 1985 Finish date: December 1987 Construction time: 24 months</p> | <p>Design capacity: 742 Total cost: \$32,800,000 Total annual operating costs: \$9,878,725</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$32,800,000 Building only: \$30,070,000 Housing area: \$16,679,000 Housing per inmate: \$22,974 Housing per cell: \$22,974 Total per inmate: \$44,205 Total per GSF: \$100.07 Total annual operating costs: \$9,878,725</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 327,771 Gross square feet/other: 0 Gross square feet/total: 327,771 Housing area square feet: 175,932 Gross square feet per inmate: 442 Size of cells: 72 square feet (gen. single); 80 (spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 40 Inmates per unit: 40 Management type: Remote surveillance April 1988 population: 782 Facility commitment: State prisoners Means to handle crowding: Double bunking</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; towers; patrols; camera surveillance Inmate security level: Maximum: 2% Medium: 98% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load-bearing precast panels; precast concrete frame Exterior walls: Precast panels; architectural precast Interior walls: Precast panels; CMU block Exterior surface/facade: Etched precast</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Extensive; cell units and precast structural area panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Sealed concrete; colored concrete Intercom: One-way to common areas HVAC: Air conditioning; hot water heating Plumbing: China Furniture: Concrete Fire protection: Smoke detectors and sprinklers for cells and common areas; electric control at control stations with time delays</p> | <p>Inmate design capacity</p> <p>Single occupancy: 726 Double occupancy: 0 Dorms: 0 Special housing: 16 General population: 726 Total: 742</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 129 Security: 64 Programs/treatment: 59 Maintenance: 34 Total: 286 Current inmate/staff ratio: 2.73:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Prefab. components, factory assembly; simple const. methods; good coordination by team members Negative: Lengthy building time; difficult site conditions, poor soil; lack of skilled labor; security equipment contractors overbooked—inflated bids received</p> <p>Factors affecting time schedule: Positive: Prefab. components, factory assembly; phased construction, fast track CM; cooperation and coordination by entire team Negative: Labor problems, strike; poor cooperation from utilities subcontractor</p> |



Delta County Criminal Justice Facility (Addition)

Jurisdiction official: Richard A. Miklich, Sheriff

Contact: Sheriff Richard A. Miklich, Delta County Criminal Justice Facility, Delta County Courthouse, 555 Palmer, Delta, CO 81416, 303-874-9734

Architect: Dana Larson Roubal & Associates, 225 North 5th Street, Suite 115, Grand Junction, CO 81501, 303-243-6166

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: November 1984 Finish date: January 1986 Construction time: 14 months</p> | <p>Design capacity: 47 Total cost: \$3,400,000 Total annual operating costs: \$102,689 (addition only)</p> | <p>Category: New, ancillary building Facility type: Complex: county jail, court Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,400,000 Building only: \$3,258,000 Housing area: \$884,000 Housing per inmate: \$20,091 Housing per cell: \$23,263 Total per inmate: N/A (complex) Total per GSF: \$99.98 Total annual operating costs: \$102,689 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 17,783 Gross square feet/other: 16,223 Gross square feet/total: 34,006 Housing area square feet: 8,765 Gross square feet per inmate: 378 Size of cells: 70 square feet (single) Net/gross square feet: 84%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 8 Inmates per unit: 8 Management type: Intermittent surveillance October 1986 population: 16 Means to handle crowding: Bunk beds in cell; second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Concrete frame Exterior walls: Reinforced concrete block Interior walls: Concrete block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Special election; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Hydronic heating/cooling system; heat pumps Plumbing: Stainless steel Furniture: Steel Fire protection: Sprinklers and smoke detectors to cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 36 Double occupancy: 0 Dorms: 8 Special housing: 3 General population: 44 Total: 47</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 5 Security: 9 Programs/treatment: 1 Maintenance: 4 Total: 19 (entire facility) Current inmate/staff ratio: .84:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of traditional building materials Negative: Porous site condition; remote location</p> <p>Factors affecting time schedule: Positive: Use of traditional building materials; moderate winter Negative: None</p> |

(No floorplan available at time of publication)

Garfield County Jail (Expansion)

Jurisdiction official: Verne Soucie, Sheriff

Contact: Undersheriff D. Schnider, Garfield County Jail, P.O. Box 249, Glenwood Springs, CO 81601, 303-945-0453

Architect/Builder: MDF Detention/Corrections Facilities, Inc., P.O. Box 979, Fort Collins, CO 80522, 303-223-7052

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: June 1982 Finish date: October 1982 Construction time: 4 months</p> | <p>Design capacity: 16 Total cost: \$293,000 Total annual operating costs: N/A (expansion)</p> | <p>Category: Expansion project Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$293,000 Building only: \$256,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$18,312 Total per GSF: \$108.52 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 2,700 Gross square feet/other: 0 Gross square feet/total: 2,700 Housing area square feet: 1,600 Gross square feet per inmate: 169 Size of cells: 160 square feet (dorms) Net/gross square feet: 93%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 4 Inmates per unit: 16 Management type: Intermittent surveillance October 1985 population: 25 Facility commitment: Local jail inmates; sentenced State prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Steel panels Interior walls: Steel panels Exterior surface/facade: Steel panels</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Turn-key design and build Use of inmate labor: None Use of prefabrication: Extensive, relocatable steel modules</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 4 Dorms: 12 Special housing: 0 General population: 16 Total: 16</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 5 Programs/treatment: N/A Maintenance: N/A Total: 5 (expansion only) Current inmate/staff ratio: 5:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; phased construction, fast track construction management Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers</p> |

(No floorplan available at time of publication)

Pitkin County Jail

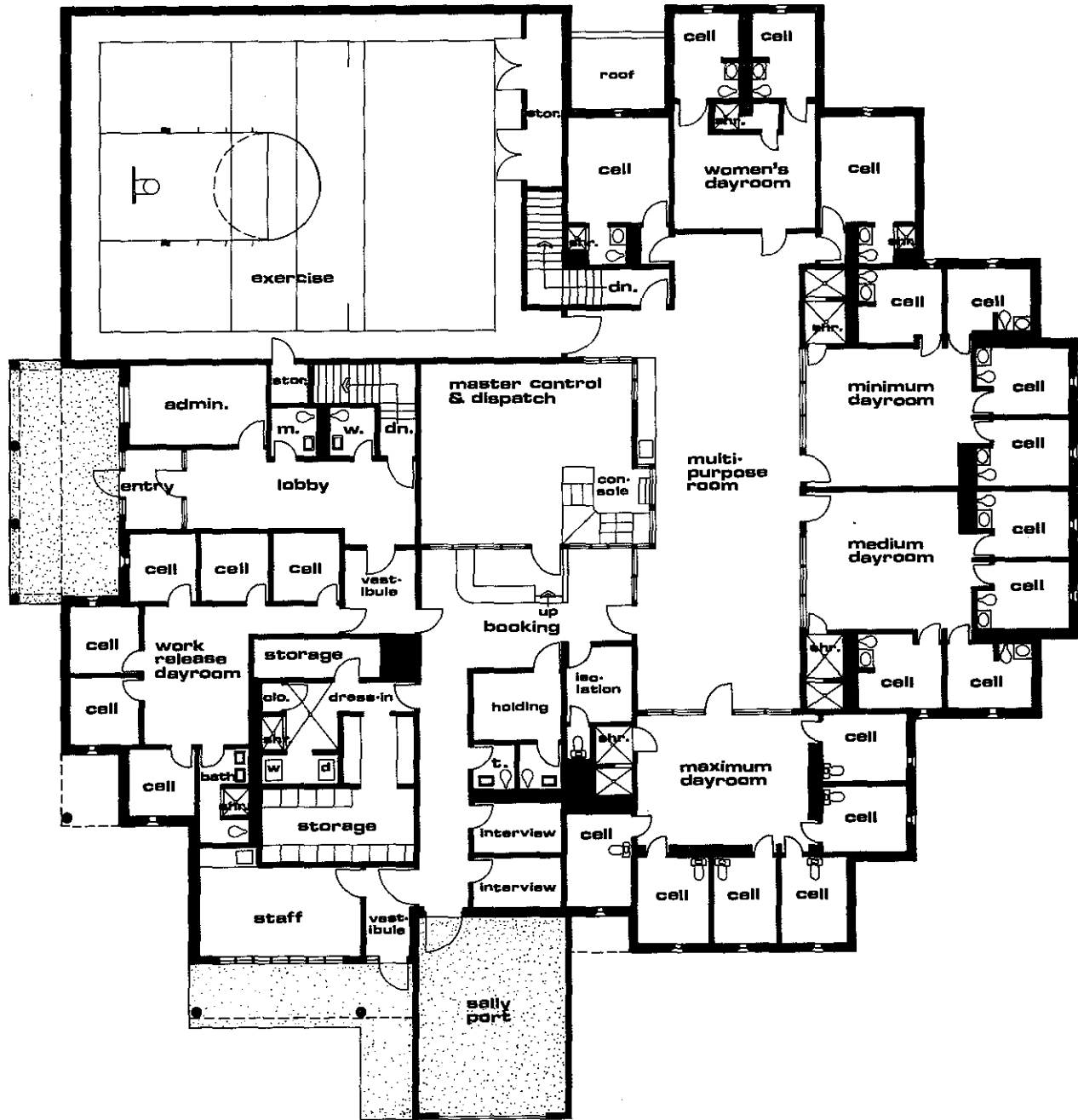
Jurisdiction official: Robert C. Braudis, Sheriff

Contact: Jeanne Lederer, Jail Administrator, Pitkin County Jail, 506 East Main Street, Aspen, CO 81611, 303-925-3232

Architect: Caudill Gustafson & Associates Architects, P.C., P.O. Box FF, Aspen, CO 81612, 303-925-3383

Construction manager: Newstrom-Davis, 2000 West 8th Avenue, Denver, CO 80204, 303-623-3171

| | | |
|--|--|--|
| <p>Groundbreaking: October 1982 Finish date: September 1983 Construction time: 11 months</p> | <p>Design capacity: 25 Total cost: \$1,685,950 Total annual operating costs: \$700,000</p> | <p>Category: New, ancillary building; phased project (future) Facility type: Complex: county jail, law enforcement admin., shell Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,685,950 Building only: \$1,665,950 Housing area: \$818,650 Housing per inmate: \$51,166 Housing per cell: \$51,166 Total per inmate: N/A (complex) Total per GSF: N/A (phased project) Total annual operating costs: \$700,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 10,478 Gross square feet/other: 5,948 Gross square feet/total: 16,426 Housing area square feet: 7,976 Gross square feet per inmate: 419 Size of cells: 80 square feet (single) Net/gross square feet: 83%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 2 to 6 Inmates per unit: 2 to 6 Management type: Direct supervision October 1985 population: 20 Facility commitment: Local jail inmates Means to handle crowding: Beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 25% Medium: 50% Minimum: 25%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; special election Contract method: CM fast track; stipulated sum after subcontracts awarded Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden; steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Carpet; vinyl tile; synthetic gym floor Intercom: One-way to cells; call button only HVAC: Heating/air circulation; passive hybrid solar system; hot air/gas heating Plumbing: Stainless steel; china; enameled steel Furniture: Wood; concrete (max.) Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 16 Double occupancy: 0 Dorms: 0 Special housing: 9 General population: 16 Total: 25</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 8 Programs/treatment: Contracted and volunteers Maintenance: Contracted Total: 9 Current inmate/staff ratio: 2.2:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly; use of many nonsecurity components Negative: Difficult site conditions (prominent site); complex electronic control system; weather problems (early winter)</p> <p>Factors affecting time schedule: Positive: None Negative: Slow responses and delivery from vendors, suppliers; user changes during construction</p> |

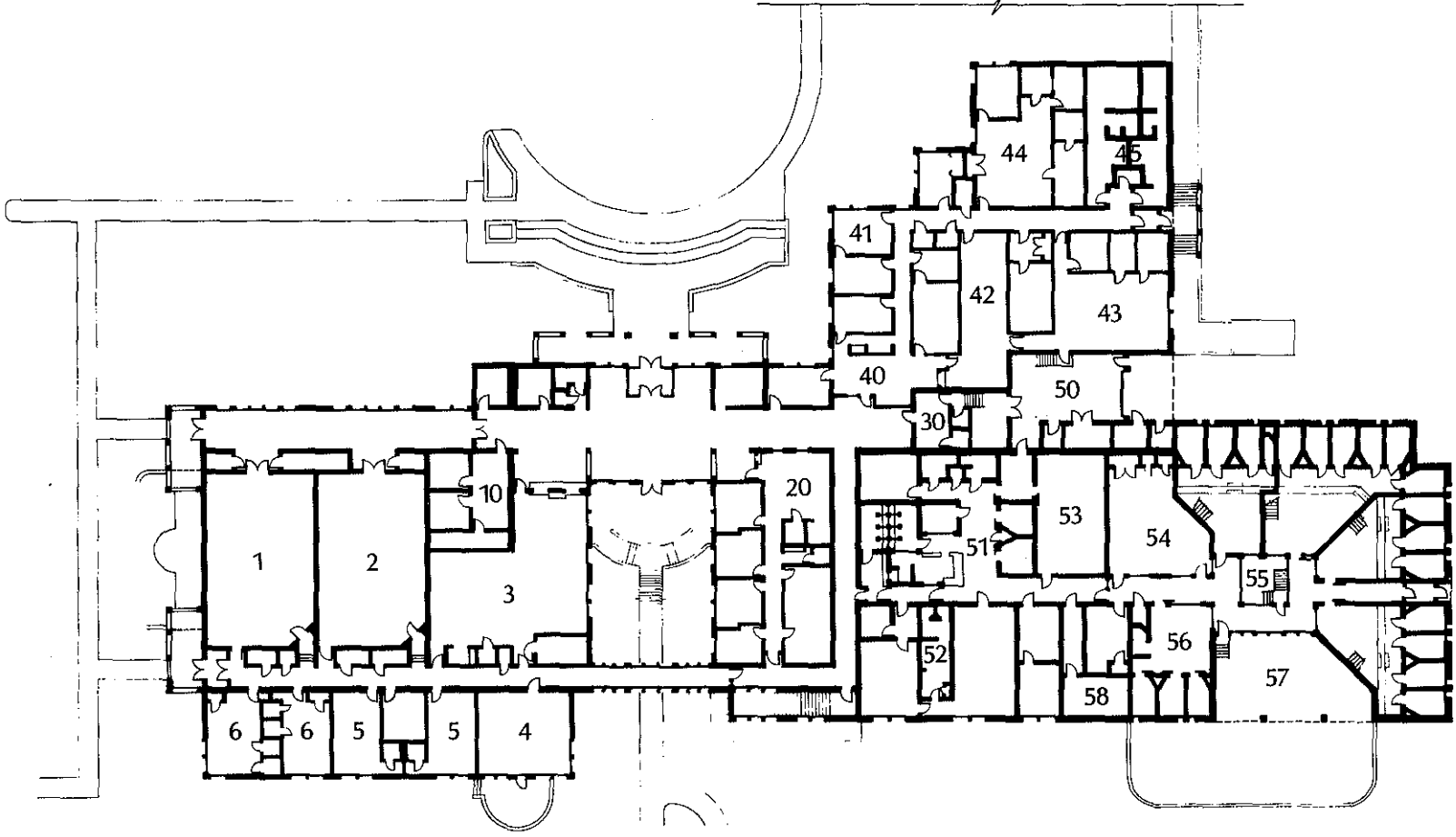


Summit County Justice Center

Jurisdiction official: Delbert Ewoldt, Sheriff

Contact: Sheriff Delbert Ewoldt, Summit County Justice Center, 501 North Park, Breckenridge, CO 80424, 303-453-2232
Architect: Peter Witter, Architects, 154 Dillon Mall, Dillon Center Building, P.O. Box 238, Dillon, CO 80435, 303-468-2277
Construction manager: None

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|---|--|---|
| <p>Groundbreaking: July 1985 Finish date: December 1986 Construction time: 17 months</p> | <p>Design capacity: 46 Total cost: \$6,300,000 Total annual operating costs: \$475,975</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement, courts, coroner, probation Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$6,300,000 Building only: \$4,200,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$136.96 Total annual operating costs: \$475,975</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 18,400 Gross square feet/other: 27,600 Gross square feet/total: 46,000 Housing area square feet: 18,400 Gross square feet per inmate: 400 Size of cells: 77 square feet (single); 558 (dorm) Net/gross square feet: 94%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 8 Inmates per unit: 8 Management type: Remote surveillance December 1986 population: 43 Facility commitment: Local jail inmates Means to handle crowding: Will attach second bunk permanently; 20 bed expansion</p> |
| <p>Security</p> <p>Perimeter: Building exterior; alarm/detection systems; camera surveillance Inmate security level: Maximum: 17% Medium: 23% Minimum: 51% Other: 9%</p> | <p>Structural: Steel frame; CMU block bearing walls Exterior walls: Brick; architectural precast; load bearing masonry; insulated double wall Interior walls: CMU block; brick; combination of masonry bearing, steel frame, and poured-in-place concrete Exterior surface/facade: Brick; stucco; colored concrete lintels</p> | <p>Construction process</p> <p>Finance method: Certificates of Participation Contract method: Negotiated G.M.P. fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating; sealed concrete Intercom: Two-way to cells HVAC: Air conditioning; gas heat Plumbing: Stainless steel; china Furniture: Steel Fire protection: Smoke detectors for common areas; sprinklers for cells; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 32 Double occupancy: 0 Dorms: 9 Special housing: 5 General population: 41 Total: 46</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 14 Programs/treatment: 0 Maintenance: 0 Total: 15 Current inmate/staff ratio: 2.87:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Tight budget; favorable bond market; popular layout efficiencies Negative: Exterior aesthetics; masonry construction; design for retrofit detention hollow metal due to long lead times; life safety considerations</p> <p>Factors affecting time schedule: Positive: Separations allowed individual areas to be completed and occupied (e.g., law enforcement, courts, and jail) Negative: Government procedures, regulations, and red tape; approval process</p> |



JUDICIAL
 DISTRICT COURT 1
 COUNTY COURT 2
 CLERK 3
 LAW LIBRARY 4
 CHAMBERS 5
 JURY ROOM 6
 PROBATION 10
 DISTRICT ATTORNEY 20
 CORONER 30

LAW ENFORCEMENT
 RECEPTION 40
 SHERIFF 41
 RECORDS 42
 SQUAD ROOM 43
 DETECTIVES 44
 LOCKER ROOMS 45

COUNTY JAIL
 VEHICLE SALLY PORT 50
 BOOKING 51
 WORK RELEASE 52
 KITCHEN 53
 MULTI-PURPOSE 54
 GENERAL HOUSING 55
 SEGREGATION 56
 OUTDOOR EXERCISE 57
 LAUNDRY 58

Bridgeport Correctional Center: Modular Units (Addition)

Jurisdiction official: Raymond M. Lopes, Commissioner, Department of Correction

Contact: Warden Michael A. Chernovetz, Bridgeport Correctional Center, 1106 North Avenue, Bridgeport, CT 06604, 203-579-6131
Modular manufacturer: Arthur Industries, Inc., P.O. Box 74, South Main Street, Terryville, CT 06786, 203-582-6552
Construction manager: Arthur Industries, Inc., P.O. Box 74, South Main Street, Terryville, CT 06786, 203-582-6552

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|--|---|--|
| <p>Groundbreaking: January 1986 Finish date: July 1986 Construction time: 6 months</p> | <p>Design capacity: 100 Total cost: \$1,326,316 Total annual operating costs: \$745,000 (addition only)</p> | <p>Category: New, ancillary building; temporary facility/housing Facility type: State prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,326,316 Building only: \$1,138,830 Housing area: \$1,138,830 Housing per inmate: \$11,388 Housing per cell: \$569,415 Total per inmate: \$13,263 Total per GSF: \$76.53 Total annual operating costs: \$745,000 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 17,330 Gross square feet/other: 0 Gross square feet/total: 17,330 Housing area square feet: 17,330 Gross square feet per inmate: 173 Size of cells: 6,400 square feet (dorms) Net/gross square feet: 97%</p> | <p>Inmate housing areas</p> <p>Design: Open dormitory with exterior windows Cells per unit: 0 Inmates per unit: 50 Management type: Remote surveillance August 1986 population: 104 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Wood construction, wood trusses Exterior walls: Wood framed Interior walls: Wood framed Exterior surface/facade: Masonite</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Turn-key design and build Use of inmate labor: None Use of prefabrication: Extensive; modular units</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Vinyl tile Intercom: One-way to common areas HVAC: Air conditioning Plumbing: China Furniture: None Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 100 Special housing: 0 General population: 100 Total: 100</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 17 Programs/treatment: 1 Maintenance: 1 Total: 21 (addition only) Current inmate/staff ratio: 4.95:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; simple construction methods, repetitiveness of design; phased construction, fast track CM Negative: Difficult site conditions; government procedures, regulations, and red tape</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods; phased construction, fast track CM Negative: Government procedures, regulations, and red tape</p> |

(No floorplan available at time of publication)

J. Bernard Gates Correctional Unit (Addition)

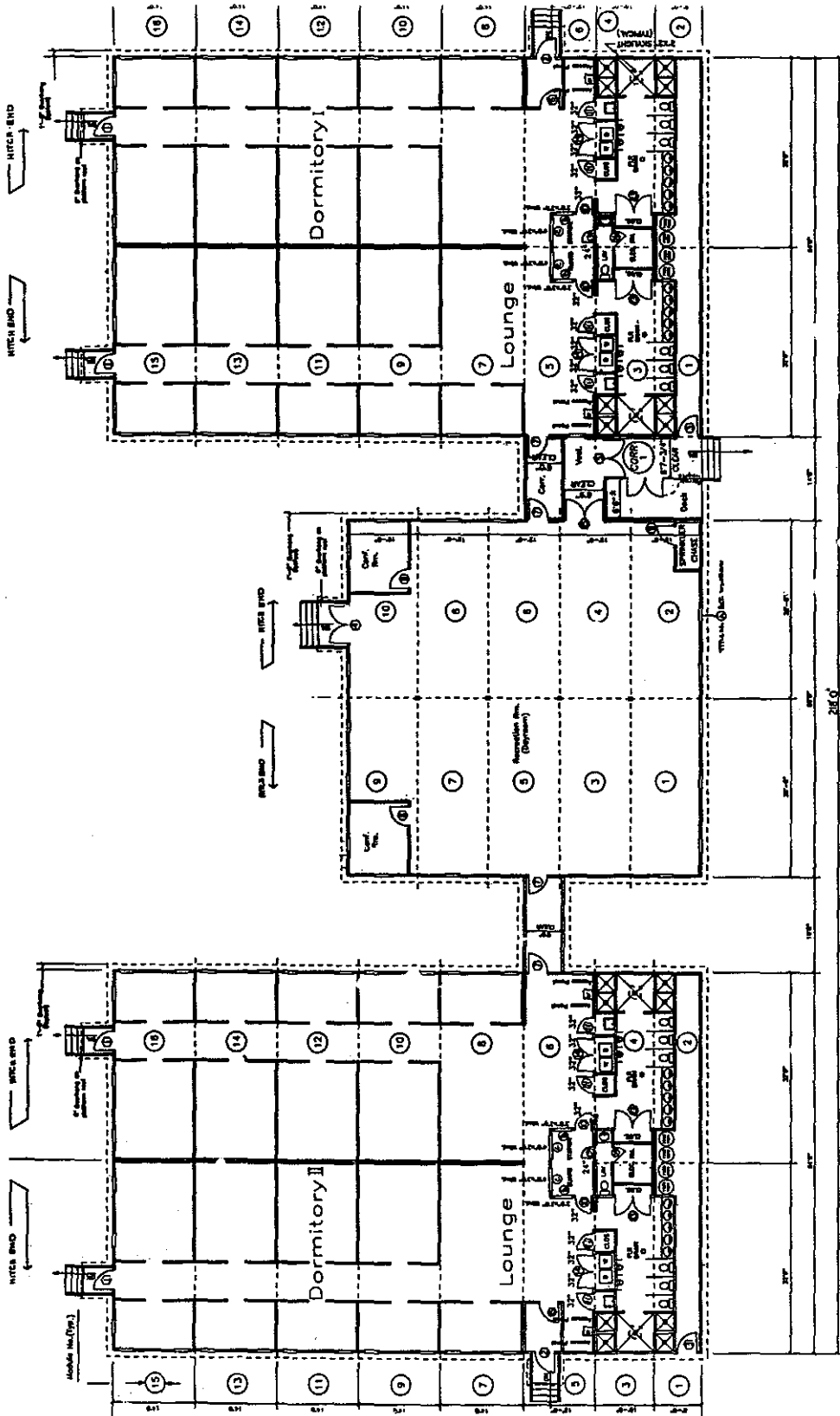
Jurisdiction official: Raymond M. Lopes, Commissioner, Department of Correction

Contact: Warden Dennis T. Guay, J. Bernard Gates Correctional Unit, 131 North Bridebrook Road, Niantic, CT 06357, 203-739-3973

Modular manufacturer: Arthur Industries, Inc., P.O. Box 74, South Main Street, Terryville, CT 06786, 203-582-6552

Construction manager: Arthur Industries, Inc., P.O. Box 74, South Main Street, Terryville, CT 06786, 203-582-6552

| | | |
|---|---|---|
| <p>Groundbreaking: January 1986 Finish date: July 1986 Construction time: 6 months</p> | <p>Design capacity: 104 Total cost: \$1,272,546 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building; temporary facility/housing Facility type: State jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,272,546 Building only: \$1,009,660 Housing area: \$1,009,660 Housing per inmate: \$9,708 Housing per cell: \$504,830 Total per inmate: \$12,236 Total per GSF: \$73.43 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 17,330 Gross square feet/other: 0 Gross square feet/total: 17,330 Housing area square feet: 17,330 Gross square feet per inmate: 167 Size of cells: 6,400 square feet (dorms) Net/gross square feet: 97%</p> | <p>Inmate housing areas</p> <p>Design: Open dorm with exterior windows Cells per unit: 1 Inmates per unit: 52 Management type: Remote surveillance November 1986 population: 104 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Wood construction/wood trusses Exterior walls: Wood framed Interior walls: Wood framed Exterior surface/facade: Masonite</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Turn-key design and build Use of inmate labor: None Use of prefabrication: Extensive; modular units</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Vinyl tile Intercom: One-way to common areas HVAC: Air conditioning Plumbing: China Furniture: Unknown Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 104 Special housing: 0 General population: 104 Total: 104</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 22 Programs/treatment: 4 Maintenance: 1 Total: 29 (entire facility) Current inmate/staff ratio: 3.59:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; simple construction methods, repetitiveness of design; phased construction, fast track CM Negative: Difficult site conditions; government procedures, regulations, and red tape</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; phased construction, fast track CM Negative: Government red tape</p> |



Delaware Correctional Center (Maximum Security) (Addition)

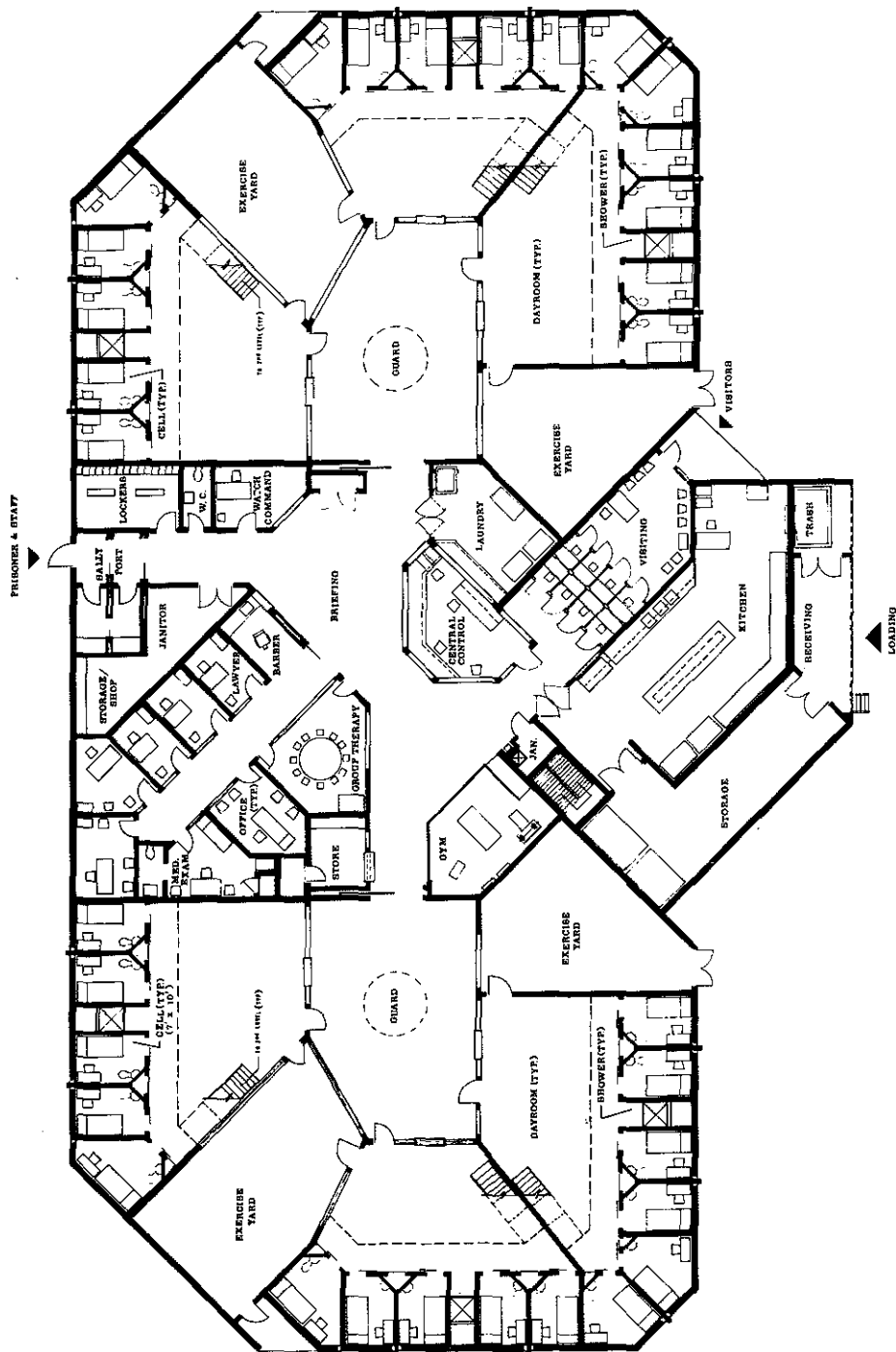
Jurisdiction official: Robert Watson, Commissioner, Department of Correction

Contact: Warden Walter Redman, Delaware Correctional Center, Smyrna, DE 19977, 302-653-9261

Architect: Weymouth Architects, A.I.A. 901 Washington Street, Wilmington, DE 19801, 302-658-8760

Construction manager: None

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| <p>Groundbreaking: April 1979 Finish date: August 1981 Construction time: 28 months</p> | <p>Design capacity: 64 Total cost: \$5,100,000 Total annual operating costs: \$1,134,797 (addition only)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$5,100,000 Building only: \$3,225,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$79,687 Total per GSF: \$221.74 Total annual operating costs: \$1,134,797 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 23,000 Gross square feet/other: 0 Gross square feet/total: 23,000 Housing area square feet: 18,400 Gross square feet per inmate: 359 Size of cells: 73 square feet (single) Net/gross square feet: 86%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod; modules (triangulated) with "dog bone" interconnect Cells per unit: 10 to 12 Inmates per unit: 10 to 12 Management type: Remote surveillance October 1985 population: 64 Facility commitment: State prisoners Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fence; K-9 and armed vehicle patrols Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load bearing precast panels Exterior walls: Precast panels; CMU block Interior walls: Precast panels; CMU block Exterior surface/facade: Aggregate epoxy and rigid insulated facing</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive; precast concrete; precast structural steel inserts</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating; sealed concrete Intercom: Two-way to cell block HVAC: Air conditioning; solar; heat recovery unit; steam heating plant Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells; remote alarms to guards with emergency water disconnects</p> | <p>Inmate design capacity</p> <p>Single occupancy: 64 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 64 Total: 64</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 6 Security: 38 Programs/treatment: 1 Maintenance: 5 Total: 50 (addition only) Current inmate/staff ratio: 1.28:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly Negative: Slow construction, lengthy building time—elaborative angles; difficult site conditions (high water table); complex mechanical system; low bid system</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; repetitiveness of design; advanced order of materials; coordination between parties Negative: Slow delivery of detention hardware; labor problems; complex mechanical system (detention hardware)</p> |



Alachua County Corrections Facility (Expansion/Remodel)

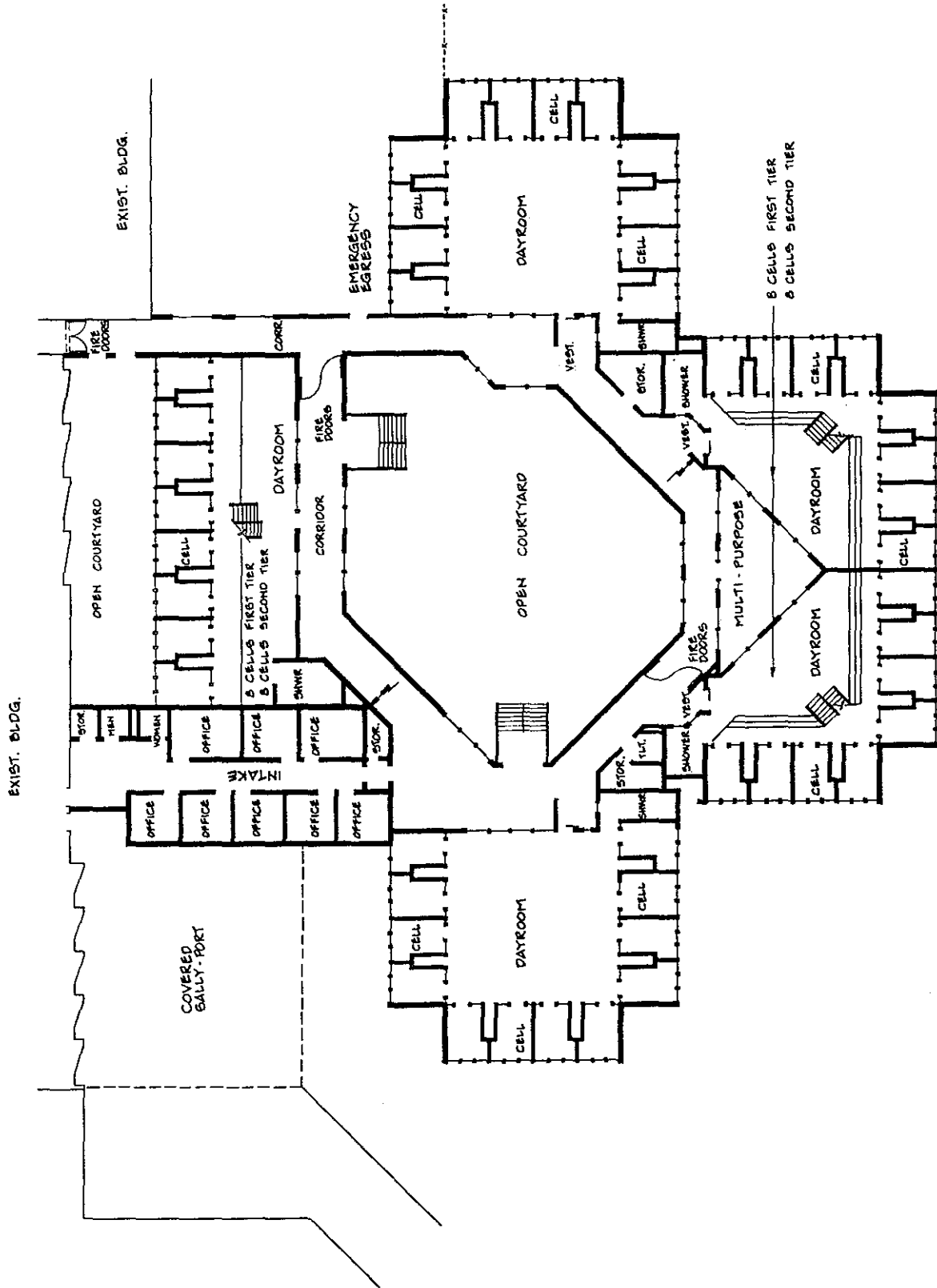
Jurisdiction official: Tom L. Allison, Acting Director

Contact: Tom L. Allison, Acting Director, Alachua County Corrections Facility, 3333 Northeast 39th Avenue, Gainesville, FL 32609, 904-377-1040

Architect: Flad & Associates, 3300 Southwest Archer Road, Gainesville, FL 32608, 904-377-6884

Construction manager: None

| | | |
|---|---|--|
| <p>Groundbreaking: February 1983 Finish date: June 1985 Construction time: 29 months</p> | <p>Design capacity: 292 Total cost: \$2,800,000 Total annual operating costs: \$4,643,382</p> | <p>Category: Remodeling/renovation; expansion; temporary housing Facility type: County jail; drug rehabilitation Building configuration: Courtyard</p> |
| <p>Costs</p> <p>Total: \$2,800,000 Building only: \$2,600,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (remodel) Total per GSF: \$112.00 Total annual operating costs: \$4,643,382</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 25,000 Gross square feet/other: 0 Gross square feet/total: 25,000 Housing area square feet: 20,000 Gross square feet per inmate: 86 Size of cells: 63 square feet (single) Net/gross square feet: 92%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 16 Inmates per unit: 16 Management type: Direct supervision October 1985 population: 249 Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor; beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Building exterior; patrols Inmate security level: Maximum: 10% Medium: 70% Minimum: 20%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Stucco</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Linoleum; carpet dayroom and corridors Intercom: Two-way from wing to central control HVAC: Central air conditioning; zone electric Plumbing: Stainless Furniture: Wood Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 190 Double occupancy: 0 Dorms: 90 Special housing: 12 General population: 280 Total: 292</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 28 Security: 106 Programs/treatment: 23 Maintenance: 5 Total: 162 Current inmate/staff ratio: 1.54:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; less expensive materials and hardware; good competition, favorable market Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Complex electronic, mechanical, and electrical systems; multiple agency reviews</p> |



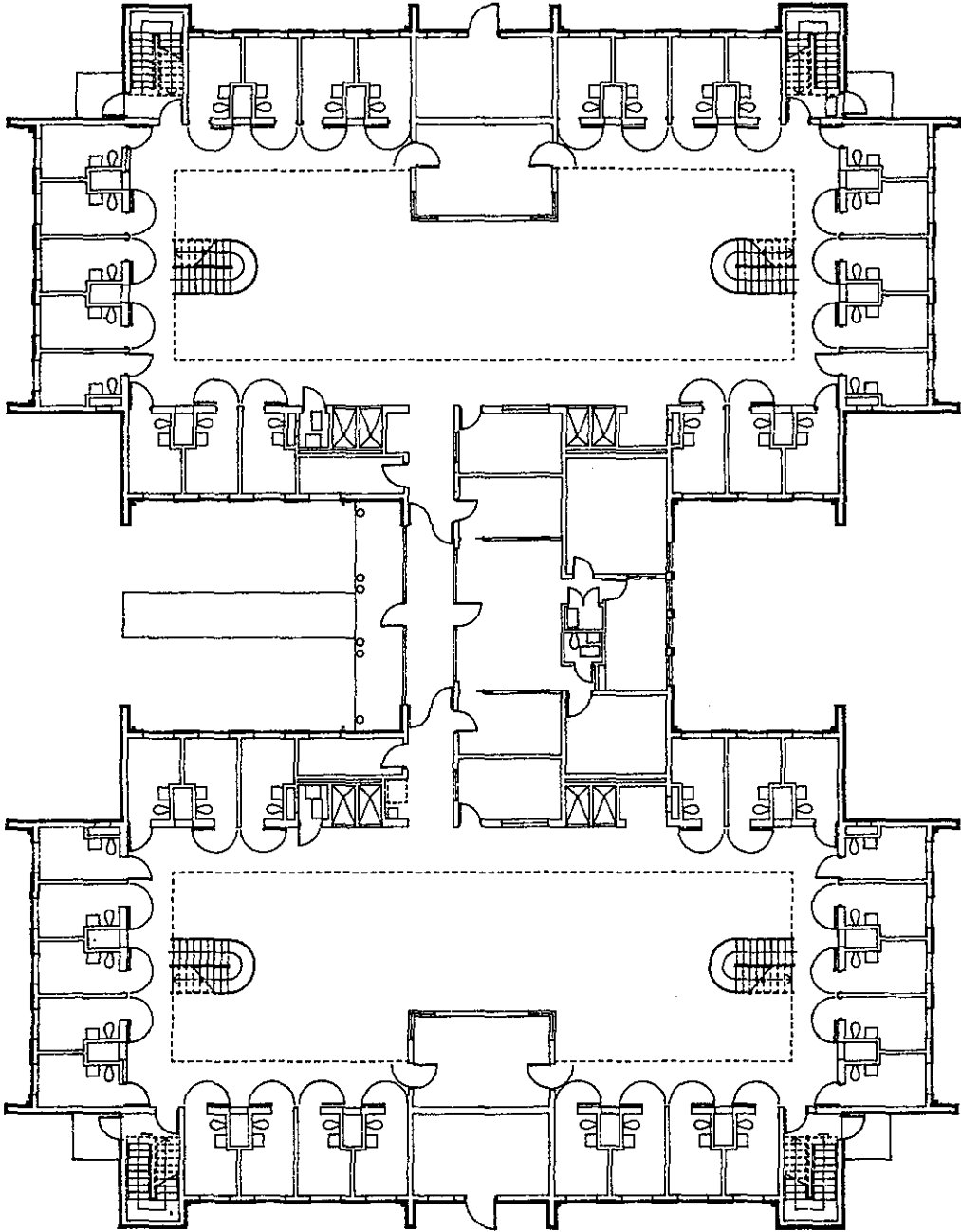
GROUND FLOOR PLAN

Federal Correctional Institution (Addition)

Jurisdiction official: J. Michael Quinlan, Director, Bureau of Prisons

Contact: Warden R.E. Honsted, Federal Correctional Institution, Capital Circle East, Tallahassee, FL 32317, 904-878-2173
Architect: Jim Roberson & Associates, Inc., 2551 Blairstone Pines Drive, Tallahassee, FL 32301, 904-878-7891
Construction manager: None

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| <p>Groundbreaking: March 1984 Finish date: December 1985 Construction time: 21 months</p> | <p>Design capacity: 98 Total cost: \$1,738,932 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: Federal prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,738,932 Building only: \$1,710,932 Housing area: \$1,707,932 Housing per inmate: \$17,428 Housing per cell: \$17,428 Total per inmate: \$17,744 Total per GSF: \$67.04 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 25,938 Gross square feet/other: 0 Gross square feet/total: 25,938 Housing area square feet: 25,722 Gross square feet per inmate: 265 Size of cells: 70 square feet (single) Net/gross square feet: 81%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 49 Inmates per unit: 49 Management type: Direct supervision October 1985 population: 190 Facility commitment: Federal prisoners Means to handle crowding: Second bunk on wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; patrols Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Structural: Load bearing CMU and steel roof trusses Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick; architectural concrete trim</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: Federal funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; wooden Doors/type: Swinging Doors/locking: Manual locking Floor surface: Vinyl composition tile Intercom: None HVAC: Heating/air circulation only; gas heating plant Plumbing: China Furniture: Steel; wood Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Single occupancy: 98 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 98 Total: 98</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 2 Programs/treatment: 6 Maintenance: N/A Total: 9 (addition only) Current inmate/staff ratio: 21.1:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: Government procedures, regulations, "red tape"</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; weather problems; government procedures, regulations, "red tape"</p> |



Leon County Jail (Expansion)

Jurisdiction official: Eddie Boone, Sheriff

Contact: Captain Howard H. Schleich, Jail Director, Leon County Jail, 2825 Municipal Way, Tallahassee, FL 32301, 904-576-3121
Architect: Barrett, Daffin and Carlan, Inc., P.O. Drawer 12339, 3100 Capital Circle N.E., Tallahassee, FL 32317, 904-386-1141
Construction manager: None

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| <p>Groundbreaking: October 1984 Finish date: December 1985 Construction time: 14 months</p> | <p>Design capacity: 100 Total cost: \$710,255 Total annual operating costs: N/A (expansion)</p> | <p>Category: Expansion project Facility type: County jail Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$710,255 Building only: \$710,255 Housing area: \$710,255 Housing per inmate: \$7,103 Housing per cell: \$355,128 Total per inmate: \$7,103 Total per GSF: \$72.47 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 9,800 Gross square feet/other: 0 Gross square feet/total: 9,800 Housing area square feet: 9,800 Gross square feet per inmate: 98 Size of cells: 2,880 square feet (dorms) Net/gross square feet: 89%</p> <p>Construction type</p> <p>Structural: Steel frame; precast concrete frame Exterior walls: Cast-in-place concrete; brick Interior walls: CMU block Exterior surface/facade: Brick; stucco; paint</p> | <p>Inmate housing areas</p> <p>Design: Dormitories Cells per unit: 1 Inmates per unit: 50 Management type: Remote surveillance September 1986 population: 100 Facility commitment: Local jail inmates Means to handle crowding: Single beds in open dorm</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence; video camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 100 Special housing: 0 General population: 100 Total: 100</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 0 Security: 3 Programs/treatment: 0 Maintenance: 0 Total: 3 (expansion only) Current inmate/staff ratio: 33.33:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; shared cost from multiple jurisdictions Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; precast roof panels—designed for facility furnishings</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Linoleum Intercom: One-way to common areas HVAC: Air conditioning; heating/air circulation Plumbing: Stainless steel; china Furniture: Steel Fire protection: Smoke detectors and sprinklers for common areas; manual alarm stations</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; simple construction methods, repetitiveness of design; good competition, favorable market Negative: Slow construction</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors; weather problems</p> |

(No floorplan available at time of publication)

Leon County Justice Complex (Addition)

Jurisdiction official: Eddie Boone, Sheriff

Contact: Major Ron Dyke, Leon County Justice Complex, 301 South Monroe Street, Tallahassee, FL 32301, 904-222-4740
Architect: Barrett Daffin and Carlan, Inc., P.O. Drawer 12339, 3100 Capital Circle, Tallahassee, FL 32317, 904-386-1141
Construction manager: Gilbane Building Company, 6200 Courtney Campbell Causeway, Suite 490, Tampa, FL 33607, 813-875-4033

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| <p>Groundbreaking: October 1985 Finish date: December 1987 Construction time: 26 months</p> | <p>Design capacity: 51 Total cost: \$32,000,000 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: Complex: holding areas, law enforcement, courts Building configuration: Integrated structure; high rise</p> |
| <p>Costs</p> <p>Total: \$32,000,000 Building only: Unknown Housing area: \$396,360 Housing per inmate: \$11,010 Housing per cell: \$39,636 Total per inmate: N/A (complex) Total per GSF: \$114.39 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 5,000 Gross square feet/other: 274,750 Gross square feet/total: 279,750 Housing area square feet: 3,670 Gross square feet per inmate: 98 Size of cells: Unknown Net/gross square feet: 80%</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside; cells arranged around internal vertical circulation core Cells per unit: 19 Inmates per unit: 51 Management type: Remote surveillance November 1987 population: N/A Facility commitment: Local jail inmates Means to handle crowding: Bunk beds in cells</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 80% Medium: 20% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Architectural precast; granite and limestone Interior walls: CMU block Exterior surface/facade: Natural wall</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; local funds; State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Limited; architectural precast</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Manual locking Floor surface: Sealed concrete Intercom: One-way to common areas HVAC: Air conditioning; heating/air circulation Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and cells and common areas; sprinklers for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 1 Double occupancy: 10 Dorms: 25 Special housing: 15 General population: 36 Total: 51</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: N/A Programs/treatment: N/A Maintenance: N/A Total: N/A Current inmate/staff ratio: N/A (addition)</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Phased construction, fast track construction management; good competition, favorable market Negative: High labor and materials costs; difficult site conditions; government procedures, regulations and red tape</p> <p>Factors affecting time schedule: Positive: Phased construction, fast track construction management; advanced order of materials and hardware; coordination of design between parties Negative: None</p> |

(No floorplan available at time of publication)

Marion County Detention Center

Jurisdiction official: Don R. Moreland, Sheriff

Contact: Captain John Pauls, Marion County Detention Center, 700 Northwest 30th Avenue, Ocala, FL 32675, 904-351-8077
Architect: Justice Systems, Inc., 348 Peachtree Street Northeast, Atlanta, GA 30308, 404-577-3184
Construction manager: Rosser White Hobbs Davidson McClellan & Kelly, Inc., 524 West Peachtree Street NW., Atlanta, GA 30308, 404-876-3800

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| <p>Groundbreaking: February 1983 Finish date: May 1985 Construction time: 27 months</p> | <p>Design capacity: 390 Total cost: \$8,648,000 Total annual operating costs: \$3,917,824</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Wings connecting housing pods</p> |
| <p>Costs</p> <p>Total: \$8,648,000 Building only: \$8,200,000 Housing area: \$6,500,000 Housing per inmate: \$16,667 Housing per cell: \$16,667 Total per inmate: \$22,174 Total per GSF: \$45.75 Total annual operating costs: \$3,917,824</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 189,033 Gross square feet/other: 0 Gross square feet/total: 189,033 Housing area square feet: 137,066 Gross square feet per inmate: 485 Size of cells: 83 square feet (single) Net/gross square feet: 77%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 96 Inmates per unit: 96 Management type: Remote surveillance October 1985 population: 279 Facility commitment: Local jail inmates and State prisoners Means to handle crowding: Bunk beds in cell; beds in dayroom; mobile home; National Guard Armory</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single fence Inmate security level: Maximum: 25% Medium: 75% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block Interior walls: Precast panels; cast-in-place concrete Exterior surface/facade: CMU block</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid steel Doors/type: Sliding (max.); swinging (med.) Doors/locking: Remote locking only (max.); motor driven and remote locking (med.) Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning Plumbing: Stainless; china Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 384 Double occupancy: 0 Dorms: 0 Special housing: 6 General population: 384 Total: 390</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 15 Security: 72 Programs/treatment: 5 Maintenance: 7 Total: 99 Current inmate/staff ratio: 2.82:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Slow construction, lengthy building time; government procedures, regulations, "red tape"</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Labor problems; weather problems; government procedures, regulations, "red tape"</p> |

(No floorplan available at time of publication)

Martin Correctional Institution

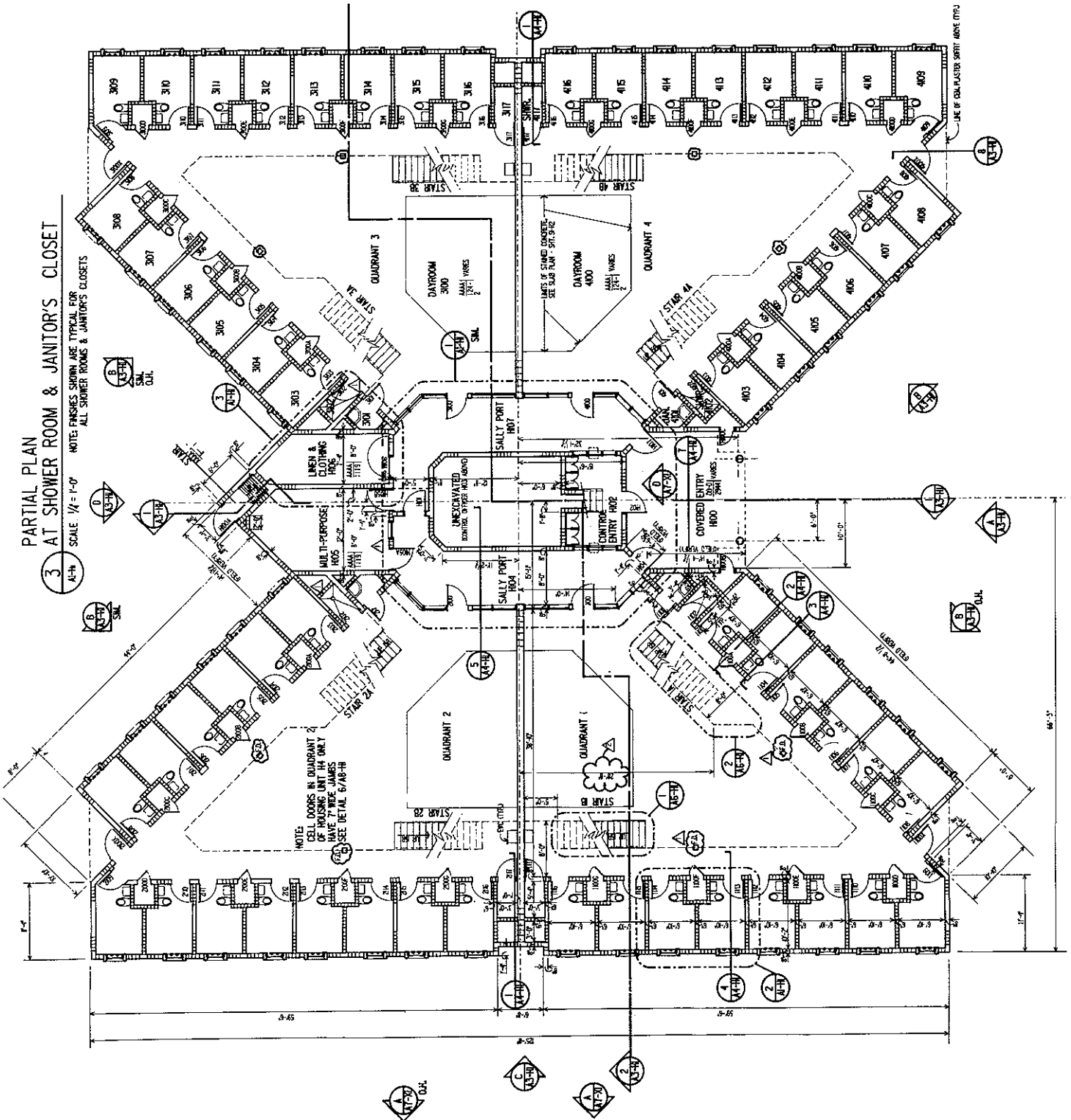
Jurisdiction official: Richard L. Dugger, Secretary, Department of Corrections

Contact: Superintendent David E. Watson, Martin Correctional Institution, 1150 Southwest Allapattah Road, Indiantown, FL 33456, 305-597-3705

Architect: Schweizer, Inc., 55 East Jackson Street, Orlando, FL 32801, 305-425-0922

Construction manager: Percon Constructors, 217 North Westmont Drive, Suite 3019, Altamonte Spring, FL 32714, 305-682-3030

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| <p>Groundbreaking: August 1983 Finish date: November 1985 Construction time: 27 months</p> | <p>Design capacity: 929 Total cost: \$25,000,000 Total annual operating costs: \$6,625,073</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$25,000,000 Building only: \$22,000,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$26,911 Total per GSF: \$109.75 Total annual operating costs: \$6,625,073</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 227,790 Gross square feet/other: 0 Gross square feet/total: 227,790 Housing area square feet: 120,000 Gross square feet per inmate: 245 Size of cells: 64 square feet (single) Net/gross square feet: 88%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 112 Inmates per unit: 150 Management type: Remote surveillance June 1986 population: 1,069 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Bunk beds in cell; second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Razor wire on and between double fence; alarm/detection systems; patrols Inmate security level: Maximum: 17% Medium: 83% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame; precast concrete frame Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Stucco</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Unknown Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Heating/air circulation Plumbing: China Furniture: Steel Fire protection: Smoke detectors for cells; sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 448 Double occupancy: 448 Dorms: 0 Special housing: 33 General population: 896 Total: 929</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 81 Security: 167 Programs/treatment: 17 Maintenance: 19 Total: 284 Current inmate/staff ratio: 3.76:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Advanced order of materials and hardware Negative: Complex electronic, mechanical, and electrical systems</p> |



Pinellas County Jail—Medium Security Facility (Addition)

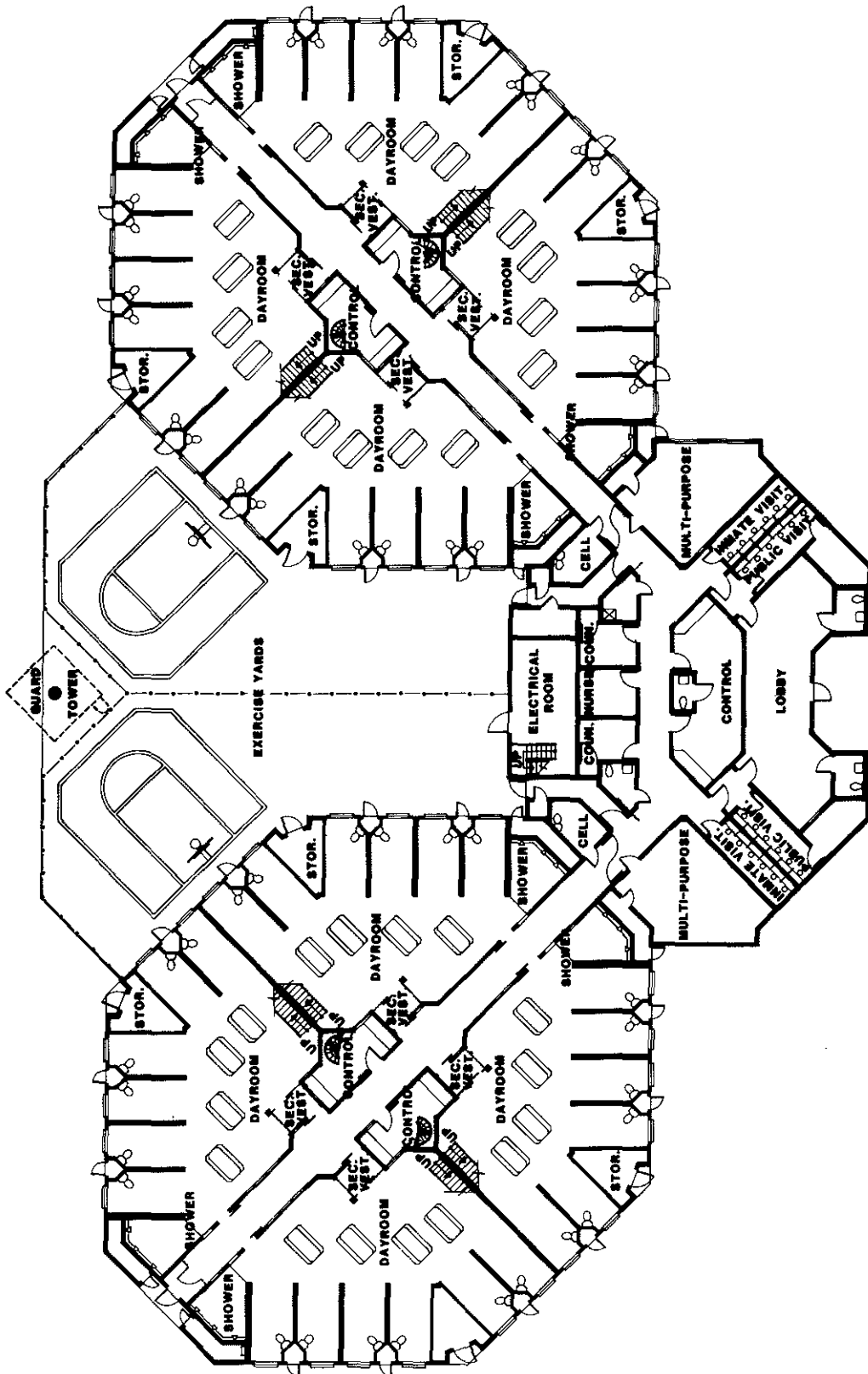
Jurisdiction official: Gerard Coleman, Sheriff

Contact: Charles Felton, Director, Detention and Correction, Pinellas County Detention Complex, Building C, 14400 49th Street North, Clearwater, FL 33520, 813-535-6415

Architect: Watson and Company, 3010 Azele Street, Tampa, FL 33679, 813-876-2411

Construction manager: Peter Brown Company, 1475 Belcher Road South, Clearwater, FL 33518, 813-531-1466

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| <p>Groundbreaking: May 1984 Finish date: March 1985 Construction time: 10 months</p> | <p>Design capacity: 194 Total cost: \$2,976,221 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,976,221 Building only: \$2,787,600 Housing area: N/A Housing per inmate: N/A Housing per cell: N/A Total per inmate: \$15,341 Total per GSF: \$99.26 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 29,985 Gross square feet/other: 0 Gross square feet/total: 29,985 Housing area square feet: 24,382 Gross square feet per inmate: 155 Size of cells: 92 square feet (double) Net/gross square feet: 68%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 96 Management type: Remote surveillance October 1985 population: 194 Facility commitment: Local jail inmates Means to handle crowding: Beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fence; towers; patrols Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Structural: Cast-in-place concrete frame; precast concrete cells Exterior walls: Precast cells; cast-in-place concrete; CMU block Interior walls: Precast cells; cast-in-place concrete; CMU block Exterior surface/facade: Stucco; paint</p> | <p>Construction process</p> <p>Finance method: Ad valorem funds, budget allocation Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heating plant Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 192 Dorms: 0 Special housing: 2 General population: 192 Total: 194</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 35 Programs/treatment: 2 Maintenance: N/A Total: 37 (addition only) Current inmate/staff ratio: 5.24:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefab. components, simple construction methods, repetitiveness of design, phased construction, fast track CM Negative: Difficult site conditions; government procedures, "red tape"</p> <p>Factors affecting time schedule: Positive: Use of prefab. components, factory assembly; simple construction methods, repetitiveness of design; coordination of design between parties Negative: Government "red tape"; complex electronic, mechanical, and electrical systems</p> |



Santa Rosa County Jail (Remodel/Expansion)

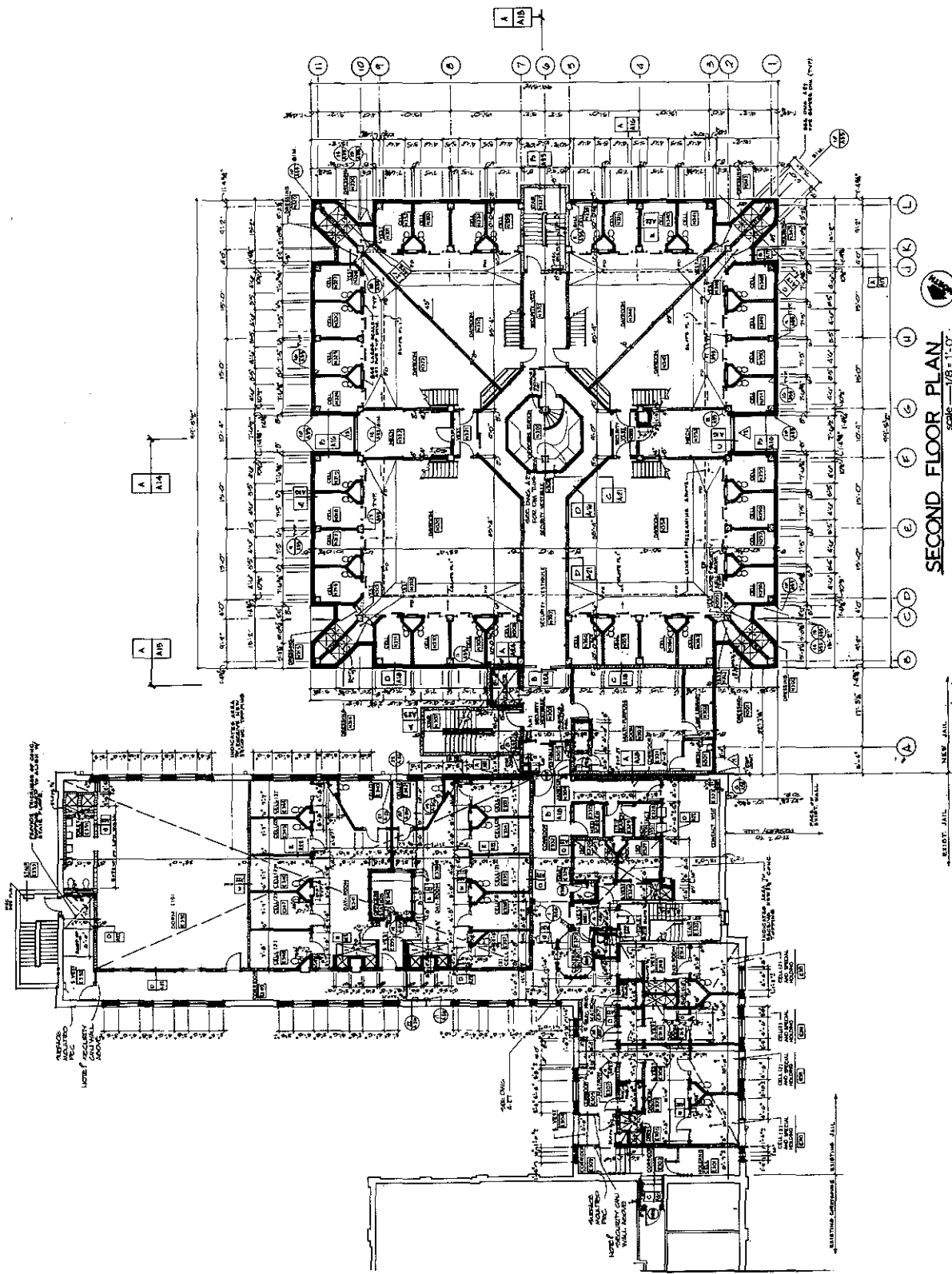
Jurisdiction official: William Carroll, Chairman, Board of County Commissioners

Contact: Lt. Pamela Biggs, Jail Administrator, Santa Rosa County Jail, 217 Willing Street, P.O. Box 7129, Milton, FL 32572, 904-623-3691

Architect: PH & J Architects, Inc., 777 South Lawrence Street, Montgomery, AL 36104, 205-265-8781

Construction manager: None

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| <p>Groundbreaking: May 1982 Finish date: March 1984 Construction time: 22 months</p> | <p>Design capacity: 126 Total cost: \$3,665,127 Total annual operating costs: \$1,262,024</p> | <p>Category: Remodeling/renovation project; expansion project Facility type: Complex: county jail, law enforcement Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$3,665,127 Building only: \$3,546,180 Housing area: \$2,716,374 Housing per inmate: \$24,253 Housing per cell: \$33,535 Total per inmate: N/A (complex) Total per GSF: \$88.43 Total annual operating costs: \$1,262,024</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 31,766 Gross square feet/other: 9,679 Gross square feet/total: 41,445 Housing area square feet: 24,065 Gross square feet per inmate: 252 Size of cells: 75 square feet (single); 97 (double); 1,280 (dorm) Net/gross square feet: 97%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 64 Inmates per unit: 64 Management type: Remote surveillance July 1986 population: 102 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 57% Medium: 29% Minimum: 14%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete; architectural precast Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Paint</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking Floor surface: Urethane coating Intercom: Two-way to common areas HVAC: Air conditioning; steam heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; standpipe system with pump</p> | <p>Inmate design capacity</p> <p>Single occupancy: 64 Double occupancy: 32 Dorms: 16 Special housing: 14 General population: 112 Total: 126</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 3 Security: 42 Programs/treatment: 5 Maintenance: 3 Total: 53 Current inmate/staff ratio: 1.92:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; simple construction methods, repetitiveness of design Negative: Lengthy building time, construction phased to allow occupancy; difficult site, building elevated above flood plane; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefab. components, factory assembly; simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers</p> |



Seminole County Correctional Facility (Addition/Remodel)

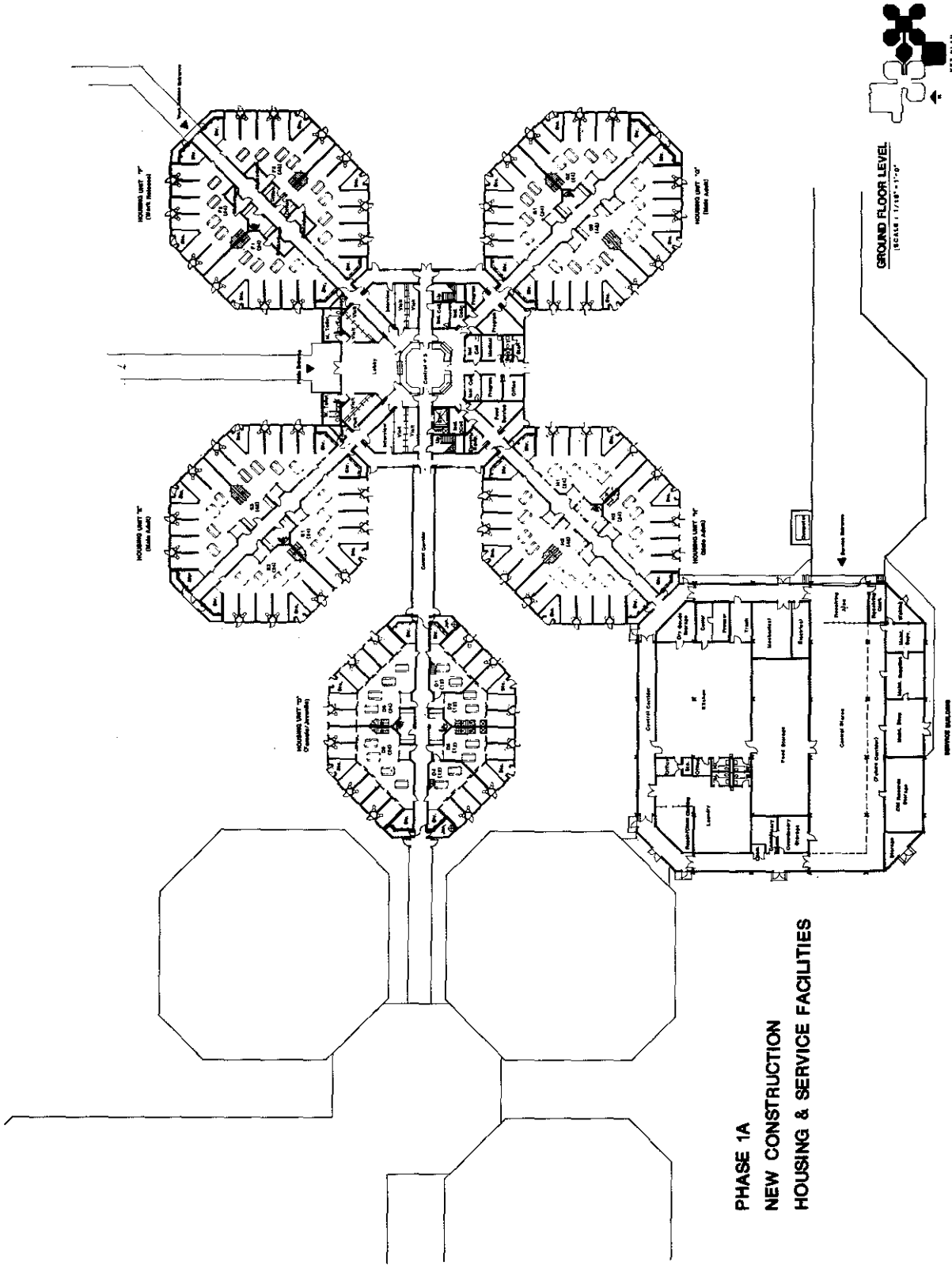
Jurisdiction official: John E. Polk, Sheriff

Contact: Captain Jay Leman, Seminole County Correctional Facility, 211 Bush Boulevard, Sanford, FL 32773, 305-323-6512

Architect: Prime Design, Inc., 3010 Azeele Street, Tampa, FL 33609, 813-876-2411

Construction manager: None

| | | |
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| <p>Groundbreaking: August 1985 Finish date: October 1987 Construction time: 26 months</p> | <p>Design capacity: 739 Total cost: \$12,059,000 Total annual operating costs: Unknown</p> | <p>Category: New, ancillary building; remodeling/renovation project Facility type: County jail Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$12,059,000 Building only: \$11,481,000 Housing area: \$5,325,000 Housing per inmate: \$7,924 Housing per cell: \$14,315 Total per inmate: N/A (remodel) Total per GSF: \$65.90 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 182,980 Gross square feet/other: 0 Gross square feet/total: 182,980 Housing area square feet: 103,850 Gross square feet per inmate: 248 Size of cells: 70 square feet (gen. single); 90 (gen. double); 1,280 (gen. dorm) Net/gross square feet: 72%</p> <p>Construction type</p> <p>Structural: Load-bearing precast panels; precast concrete frame Exterior walls: Concrete filled concrete block; precast cells Interior walls: Precast panels; concrete block perimeter walls; prestressed plank roof and support floors Exterior surface/facade: Stucco; paint; textured concrete</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 96 Management type: Intermittent surv. (remodel); remote surv. (addition) December 1987 population: 411 (addition) Facility commitment: Local jail inmates; State and Federal prisoners on contract Means to handle crowding: Renovation of existing facility</p> |
| <p>Security</p> <p>Perimeter: Single fence; video camera surveillance Inmate security level: Maximum: 10% Medium: 76% Minimum: 14%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 128 Double occupancy: 480 Dorms: 64 Special housing: 67 General population: 672 Total: 739 (entire facility)</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Construction process</p> <p>Finance method: Special election Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive; prefabricated concrete cells</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; gas-fired hot water boilers Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Load-bearing precast concrete cell units stacked two high and supporting the roof planks Negative: Extensive renovation of existing structures</p> <p>Factors affecting time schedule: Positive: Precast concrete cells within the five similar housing modules Negative: Necessity of phasing project with jail in operation</p> | |



PHASE 1A
NEW CONSTRUCTION
HOUSING & SERVICE FACILITIES

South Florida Reception Center

Jurisdiction official: Richard L. Dugger, Secretary, Department of Corrections

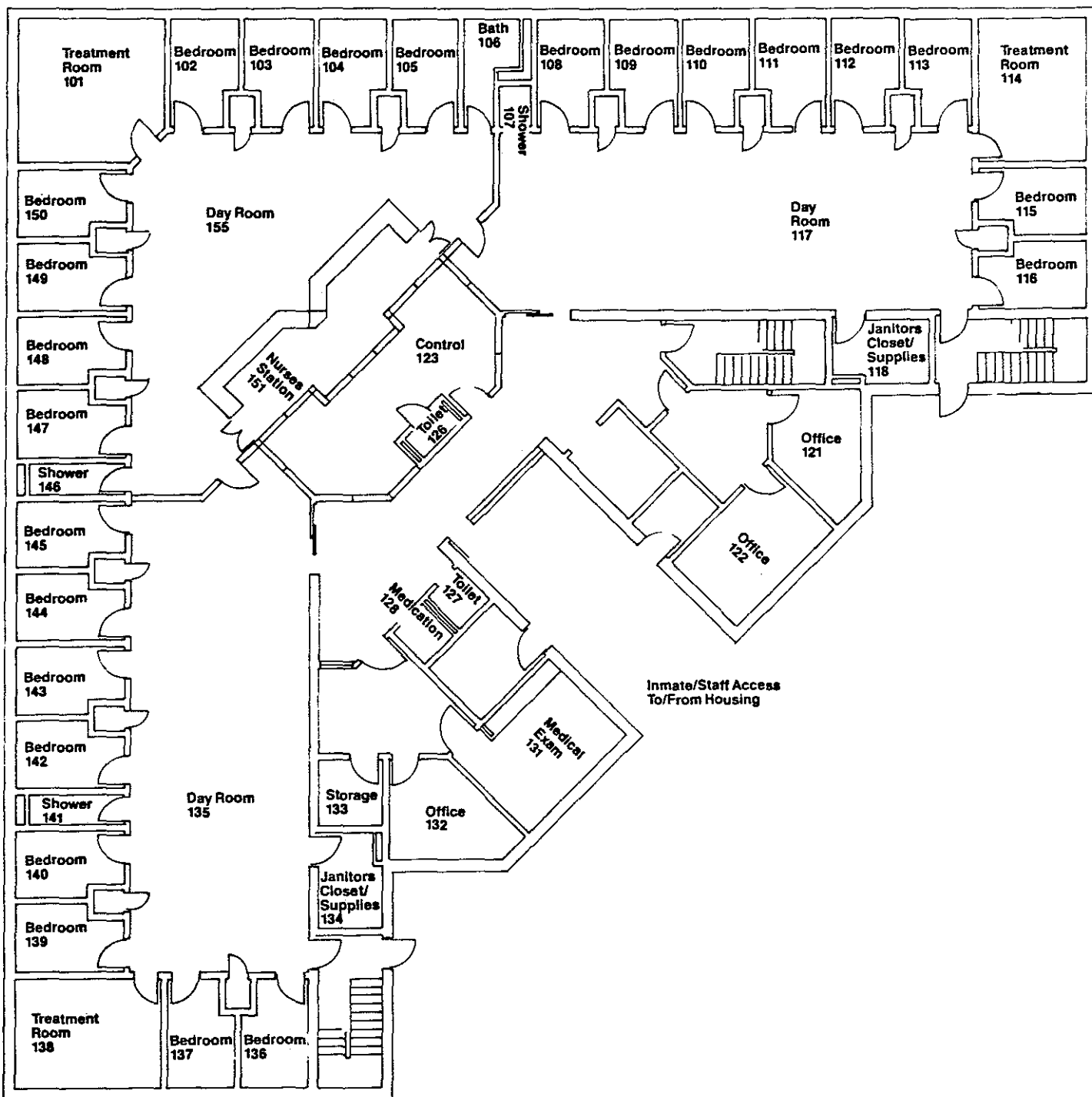
Contact: James E. Curington, Jr., Superintendent II, South Florida Reception Center, 14000 Northwest 41st Street, Miami, FL 33178, 305-592-9567

Architect: Spillis Candela & Partners, Inc., 800 Douglas Entrance, Coral Gables, FL 33134, 305-447-3539

Consulting engineers: Rosser White Hobbs Davidson McClellan & Kelly, Inc., 524 West Peachtree Street, Atlanta, GA 30308, 404-876-3800

Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: April 1983 Finish date: March 1986 Construction time: 35 months</p> | <p>Design capacity: 624 Total cost: \$23,142,326 Total annual operating costs: \$6,879,328</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$23,142,326 Building only: \$21,105,198 Housing area: \$13,214,792 Housing per inmate: \$22,942 Housing per cell: \$22,942 Total per inmate: \$37,087 Total per GSF: \$89.88 Total annual operating costs: \$6,879,328</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 257,476 Gross square feet/other: 0 Gross square feet/total: 257,476 Housing area square feet: 161,156 Gross square feet per inmate: 413 Size of cells: 80 square feet (gen. single); 96 (spec. single) Net/gross square feet: 66%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48; 64 Inmates per unit: 48; 64 Management type: Remote surveillance April 1987 population: 996 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences; towers; patrols; camera surveillance Inmate security level: Maximum: 10% Medium: 90% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete; CMU block Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Stucco; paint</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: Moderate Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking; remote locking Floor surface: Sealed concrete Intercom: One-way to cells; two-way to common areas HVAC: Heating/air circulation; energy recycle unit; electric heat Plumbing: Stainless steel; china; stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 576 Double occupancy: 0 Dorms: 0 Special housing: 48 General population: 576 Total: 624</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 48 Security: 200 Programs/treatment: 58 Maintenance: 20 Total: 326 Current inmate/staff ratio: 3.06:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: Slow construction, lengthy building time; difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers; slow performance of general contractor</p> |

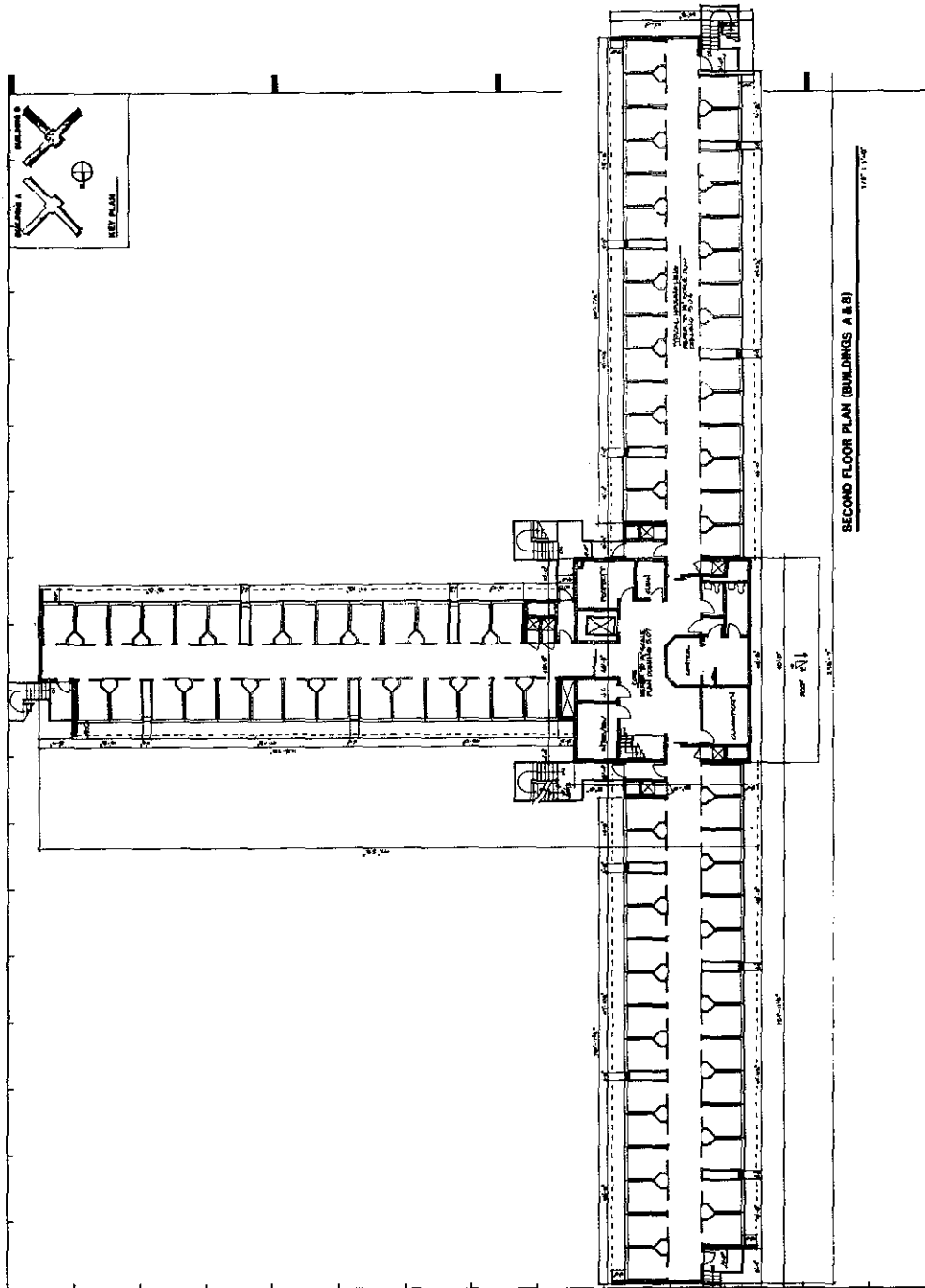


Union Correctional Institution (Addition)

Jurisdiction official: Richard L. Dugger, Secretary, Department of Corrections

Contact: Superintendent W.M. Ellis, Union Correctional Institution, P.O. Box 221, Raiford, FL 32083, 904-431-1212
Architect: Hansen Lind Meyer P.C., 455 South Orange Avenue, Orlando, FL 32801, 305-422-7061
Construction manager: Federal Construction Company, 255 South Orange Avenue, Orlando, FL 32801, 305-843-5241

| | | |
|--|---|---|
| <p>Groundbreaking: September 1984 Finish date: June 1985 Construction time: 8 months</p> | <p>Design capacity: 336 Total cost: \$5,773,179 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Wheel</p> |
| <p>Costs</p> <p>Total: \$5,773,179 Building only: \$5,522,000 Housing area: \$5,522,000 Housing per inmate: \$16,435 Housing per cell: \$16,435 Total per inmate: \$17,182 Total per GSF: \$100.37 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 57,520 Gross square feet/other: 0 Gross square feet/total: 57,520 Housing area square feet: N/A Gross square feet per inmate: 171 Size of cells: 67.5 square feet (single) Net/gross square feet: N/A</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 168 Inmates per unit: 168 Management type: Remote surveillance October 1985 population: 336 Facility commitment: State prisoners Means to handle crowding: No crowding permitted</p> |
| <p>Security</p> <p>Perimeter: Triple fence; alarm/detection systems; razor wire on and between fences; towers; patrols Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Structural: Precast concrete frame; precast cells Exterior walls: CMU block; precast cells Interior walls: Cast-in-place concrete; precast cells and floor planks Exterior surface/facade: Stucco; paint; exterior insulation system at core</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Construction management fast track Use of inmate labor: Moderate use of general unskilled labor Use of prefabrication: Extensive use for cells, support area floors and roof</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells HVAC: Heating/air circulation only; boiler, steam coils Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors for common areas and cell sprinklers; sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 336 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 336 Total: 336</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 38 Programs/treatment: N/A Maintenance: N/A Total: 38 (addition only) Current inmate/staff ratio: 8.84:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Precast cells; phased construction, fast track construction management (long lead items) Negative: High water table; rural location (lack of experienced labor)</p> <p>Factors affecting time schedule: Positive: Precast cells; precast repetition, simple plan; multiple bid groups; advanced order of security elements; coordination of design between parties Negative: Labor problems (rural area)</p> |

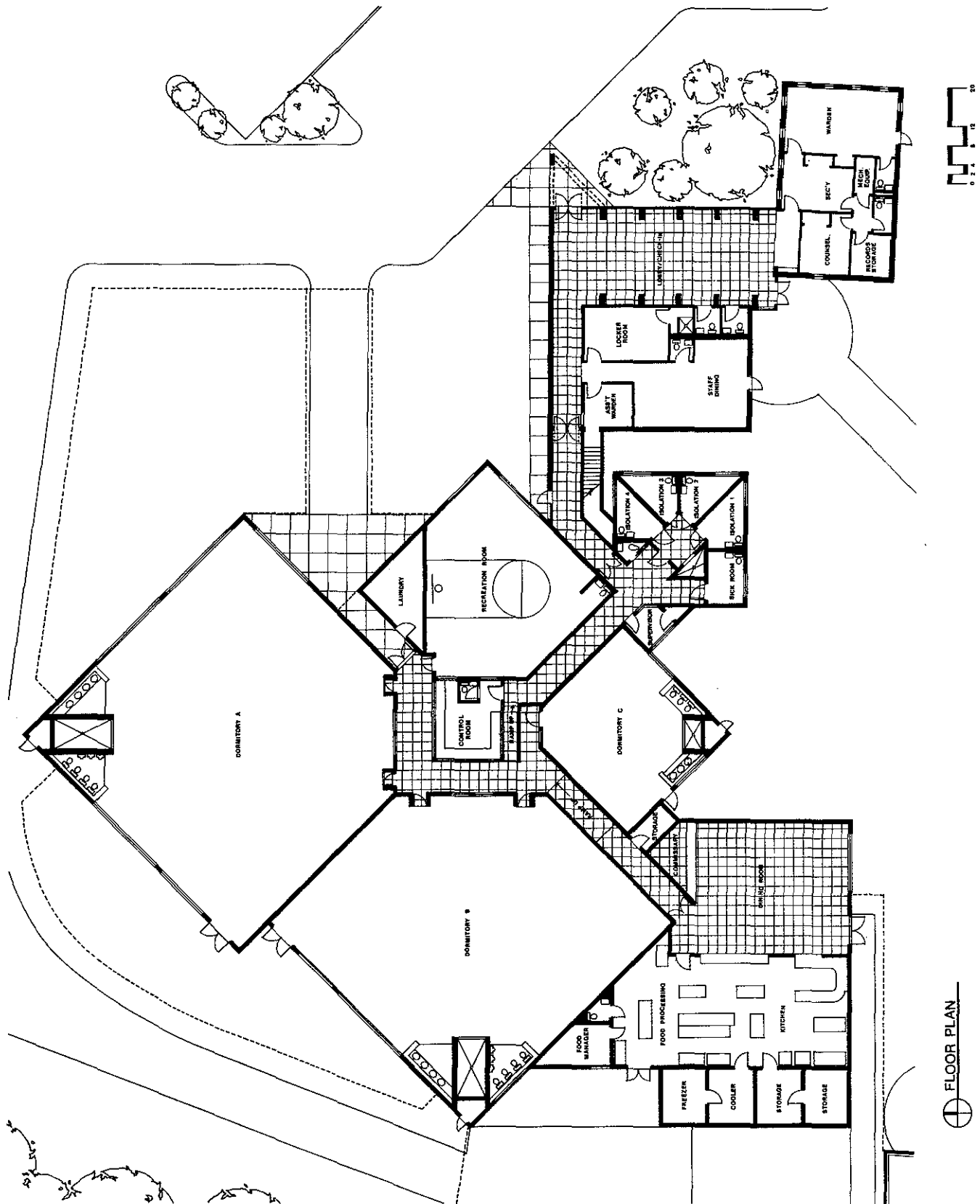


Clarke County Correctional Institution

Jurisdiction official: David C. Evans, Commissioner, Department of Corrections

Contact: Warden Ed Greenway, Clarke County Correctional Institution, 2325 County Farm Road, Athens, GA 30601, 404-354-2901
Architect: Bryant Architect, Ltd., P.O. Box 99, 120 Avondale Road, Suite B-2, Avondale, GA 30002, 404-296-2533
Construction manager: None

| | | |
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| <p>Groundbreaking: July 1985 Finish date: December 1986 Construction time: 17 months</p> | <p>Design capacity: 132 Total cost: \$900,000 Total annual operating costs: \$870,000</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$900,000 Building only: \$885,000 Housing area: \$870,000 Housing per inmate: \$8,700 Housing per cell: \$435,000 Total per inmate: \$6,818 Total per GSF: \$45.00 Total annual operating costs: \$870,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 20,000 Gross square feet/other: 0 Gross square feet/total: 20,000 Housing area square feet: 15,000 Gross square feet per inmate: 152 Size of cells: 90 square feet (spec. single); 150 (spec. double); 4,000 (gen. dorms) Net/gross square feet: 85%</p> | <p>Inmate housing areas</p> <p>Design: Pod type noncontact dormitory Cells per unit: Unknown Inmates per unit: 50 Management type: Remote surveillance November 1987 population: 105 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; video camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame; CMU Exterior walls: Precast panels; CMU block; precast panels for roof decks Interior walls: CMU block Exterior surface/facade: Treated CMU</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Materials only contract Use of inmate labor: Extensive; all phases except roof and HVAC installation Use of prefabrication: Limited; pre-stressed 4" x 6" hollow core slabs</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Epoxy coating; quarry tile Intercom: One-way to cells HVAC: Heating/air circulation; gas heat Plumbing: China Furniture: Steel Fire protection: Smoke detectors for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 100 Special housing: 32 General population: 100 Total: 132</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 0 Security: 25 Programs/treatment: 0 Maintenance: 0 Total: 25 Current inmate/staff ratio: 4.2:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: 100% use of inmate labor Negative: Slow construction, lengthy building time; inmate labor slowed process; could not obtain favorable material costs</p> <p>Factors affecting time schedule: Positive: None Negative: Inmate labor</p> |



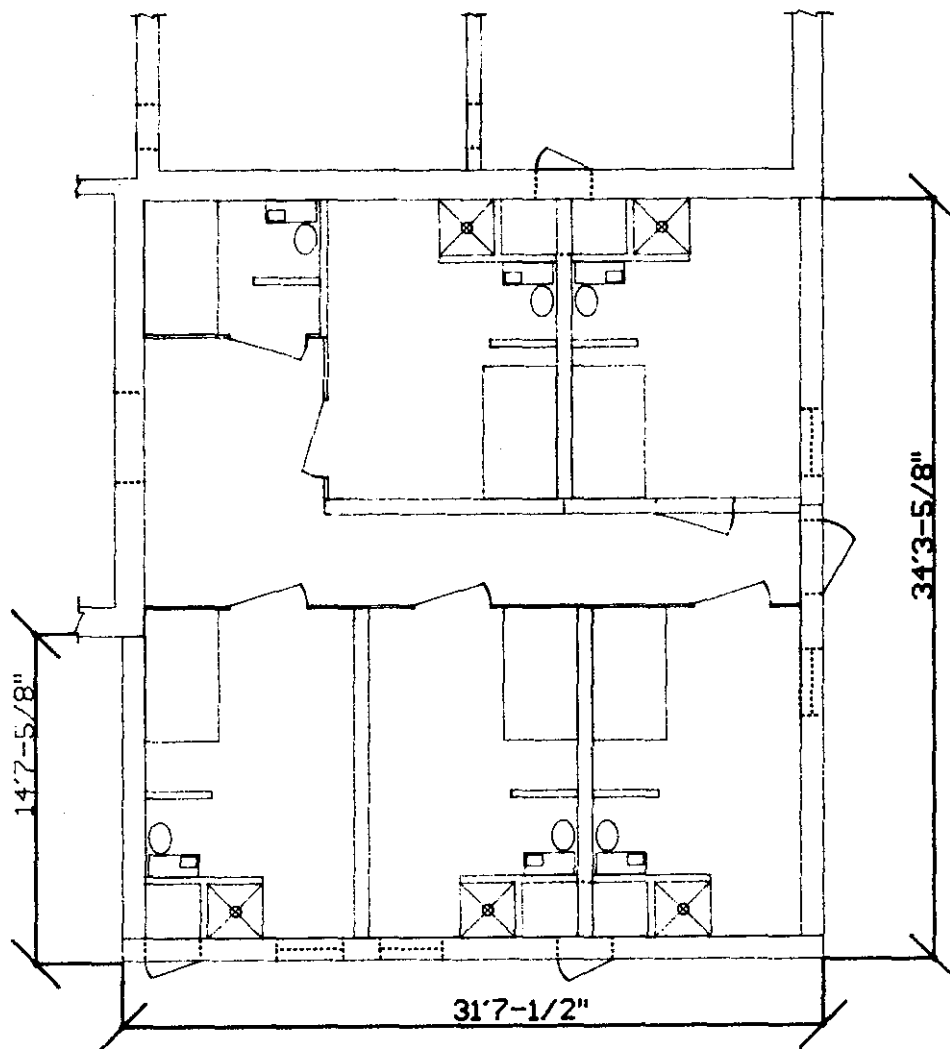
FLOOR PLAN

Dooly County Jail (Expansion)

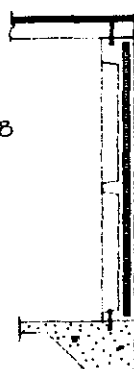
Jurisdiction official: L. Van Peavy, Sheriff

Contact: Sheriff L. Van Peavy, Dooly County Jail, P.O. Box 315, Vienna, GA 31092, 912-268-4128
Architect: M.G. Turner and Associates, 513 East 10th Street, Rome, GA 30161, 404-232-4456
Original design and precast by: Design Concrete, Inc., P.O. Box 2828, Rome, GA 30164, 404-295-7676
Construction manager: Grover Tuten, Route #1, Box 185, Harlem, GA 30814, 404-556-9885

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| <p>Groundbreaking: June 1985 Finish date: October 1985 Construction time: 4 months</p> | <p>Design capacity: 11 Total cost: \$78,000 Total annual operating costs: N/A (expansion)</p> | <p>Category: Expansion project Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$78,000 Building only: \$75,000 Housing area: \$78,000 Housing per inmate: \$7,091 Housing per cell: \$14,187 Total per inmate: \$7,091 Total per GSF: \$71.89 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 1,085 Gross square feet/other: 0 Gross square feet/total: 1,085 Housing area square feet: 1,085 Gross square feet per inmate: 99 Size of cells: 140 square feet (double) Net/gross square feet: 82%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside; linear, inside Cells per unit: 6 Inmates per unit: 11 Management type: Intermittent surv. October 1985 population: 10 Facility commitment: Local jail inmates and State prisoners Means to handle crowding: Bunk beds in cell; second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence Inmate security level: Maximum: 0 Medium: 90% Minimum: 10%</p> | <p>Construction type</p> <p>Structural: Load bearing precast panels Exterior walls: Precast panels (insulated) Interior walls: Precast panels Exterior surface/facade: Paint; textured concrete</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Subcontract in phases Use of inmate labor: Moderate; inmate labor used for site work, floor slab, plumbing Use of prefabrication: Extensive; precast loadbearing walls, roof panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Sealed concrete Intercom: Two-way to cells HVAC: Air conditioning; heating/air circulation Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for cells; wired to master panel and automatic alarm</p> | <p>Inmate design capacity</p> <p>Single occupancy: 1 Double occupancy: 10 Dorms: 0 Special housing: 0 General population: 11 Total: 11</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: N/A Programs/treatment: N/A Maintenance: N/A Total: N/A (no extra staff added) Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design Negative: Government procedures, regulations, "red tape"; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, coordination of design between parties Negative: Government procedures, regulations, "red tape"; complex electronic, mechanical, and electrical systems</p> |



R VALUE = 17.8



Richmond County Law Enforcement and Justice Center

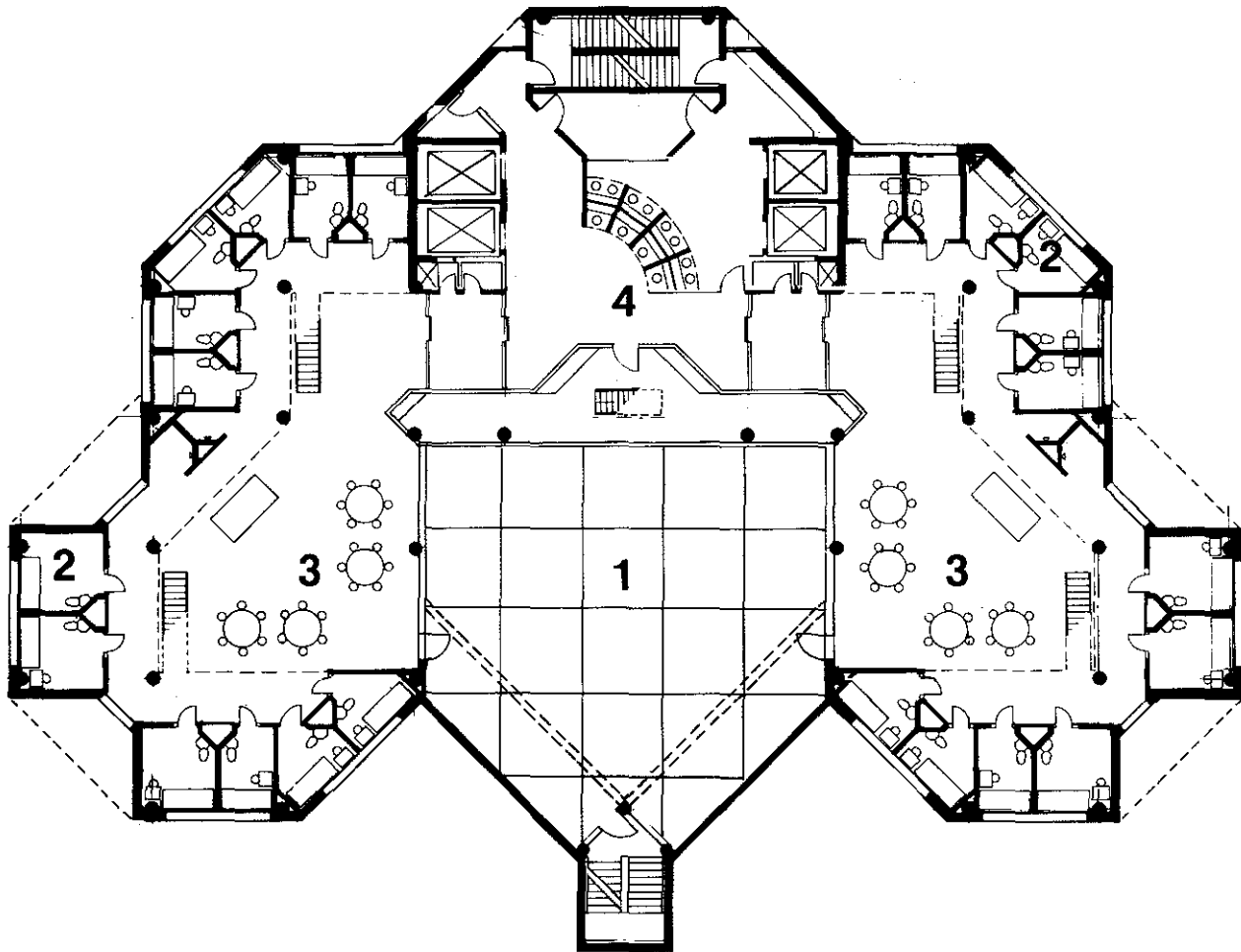
Jurisdiction official: Charles B. Webster, Sheriff

Contact: Charles A. Toole, Sr., Chief Jailer, Richmond County Law Enforcement and Justice Center, 401 Walton Way, Augusta, GA 30901, 404-821-1005

Architect: Hellmuth, Obata & Kassabaum, Inc., 100 North Broadway, St. Louis, MO 63102, 314-421-2000

Construction manager: Mellon-Stuart Company, 540 Douglas Avenue, Altamonte Springs, FL 32701, 305-862-4400

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| <p>Groundbreaking: November 1982 Finish date: October 1985 Construction time: 35 months</p> | <p>Design capacity: 240 Total cost: \$15,743,000 (excl. site work) Total annual operating costs: \$1,200,000</p> | <p>Category: New, independent facility Facility type: Complex: county jail, courts, law enforcement, other Building configuration: High rise</p> |
| <p>Costs</p> <p>Total: \$15,743,000 (excl. site work) Building only: \$15,743,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$166.78 Total annual operating costs: \$1,200,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: Unknown Gross square feet/other: Unknown Gross square feet/total: 94,392 Housing area square feet: 68,210 Gross square feet per inmate: 393 Size of cells: 74 square feet (single) Net/gross square feet: 80%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 24 Inmates per unit: 24 Management type: Remote surveillance October 1985 population: 145 Facility commitment: Local jail inmates Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Single fence; perimeter alarm/detection systems Inmate security level: Maximum: 10% Medium: 90% Minimum: 0</p> | <p>Structural: Cast-in-place concrete frame Exterior walls: Stucco Interior walls: CMU block partitions; concrete frame, floor, and roof Exterior surface/facade: Stucco</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: One-way to common areas HVAC: Air conditioning Plumbing: Stainless steel; china Furniture: Steel Fire protection: Sprinklers for cells</p> | <p>Single occupancy: 240 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 240 Total: 240</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 8 Security: 44 Programs/treatment: 4 Maintenance: 5 Total: 61 Current inmate/staff ratio: 2.38:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Choice of exterior wall system; good bidding climate Negative: None</p> <p>Factors affecting time schedule: Positive: None Negative: Indecision on city vs. county participation</p> |



Level Three Mezzanine

- 1 Outdoor Exercise Below
- 2 Typical Cell
- 3 Dayroom Below
- 4 Mechanical

Maui Community Correctional Center (Addition)

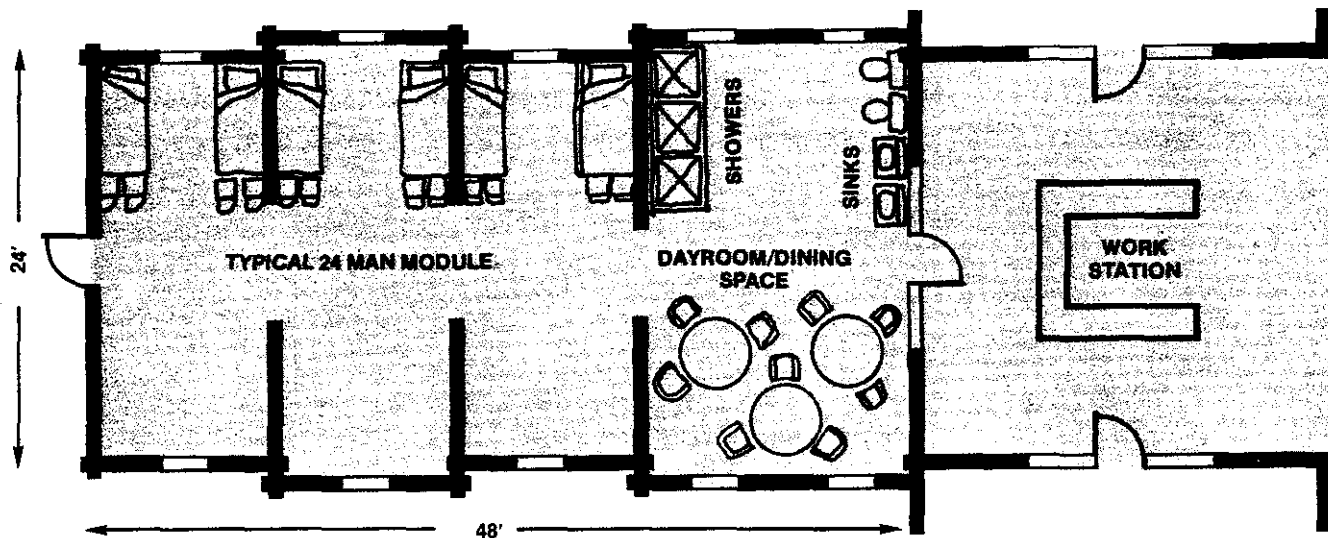
Jurisdiction official: Theodore Sakai, Administrator, Corrections Division

Contact: Kazumi Kobayashi, Administrator, Maui Community Correctional Center, 600 Waiale Drive, Wailuku, HI 96793, 808-244-5505

Architect: Omni Signal, Inc., P.O. Box 801, Capitola, CA 95010, 408-688-0412

Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: March 1984 Finish date: May 1984 Construction time: 2 months</p> | <p>Design capacity: 83 Total cost: \$170,000 Total annual operating costs: \$261,025 (addition only)</p> | <p>Category: New, ancillary building Facility type: County jail; city jail; State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$170,000 Building only: \$150,000 Housing area: \$150,000 Housing per inmate: \$1,852 Housing per cell: \$6,818 Total per inmate: \$2,048 Total per GSF: \$37.78 Total annual operating costs: \$261,025 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 4,500 Gross square feet/other: 0 Gross square feet/total: 4,500 Housing area square feet: 4,500 Gross square feet per inmate: 54 Size of cells: Unknown Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Dormitory style Cells per unit: Unknown Inmates per unit: 40 Management type: Direct supervision October 1985 population: 83 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Bunk beds in cell; beds in dayroom; second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence; patrols Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Solid log walls Exterior walls: Solid log Interior walls: Solid log Exterior surface/facade: Solid cedar logs</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Unknown Use of inmate labor: Extensive; facility built with inmate labor Use of prefabrication: Building pre-engineered and pre-cut but assembled onsite</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; wooden Doors/type: Swinging Doors/locking: Unknown Floor surface: Linoleum Intercom: None HVAC: None needed Plumbing: China Furniture: Wood Fire protection: Smoke detectors and sprinklers for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 1 Double occupancy: 40 Dorms: 40 Special housing: 2 General population: 81 Total: 83</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 6 Security: 32 Programs/treatment: 3 Maintenance: 4 Total: 45 (entire facility) Current inmate/staff ratio: 1.84:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Onsite assembly of prefab. components; simple construction methods; less expensive materials and hardware; inmate labor Negative: Government procedures, regulations, and red tape</p> <p>Factors affecting time schedule: Positive: Onsite assembly of prefab. components; simple construction methods, repetitiveness of design; coordination of design between parties; inmate labor Negative: Government procedures, regulations, and red tape</p> |



Centralia Correctional Center (Addition)

Jurisdiction official: Michael P. Lane, Director, Department of Corrections

Contact: Warden Ronald J. Haws, Centralia Correctional Center, P.O. Box 1266, Shattuc Road, Centralia, IL 62801, 618-533-4111

Architect: Turner-Witt Associates, Inc., 970 East Court Street, Kankakee, IL 60901, 815-933-5529

Construction manager: None

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|---|---|--|
| <p>Groundbreaking: October 1979 Finish date: October 1981 Construction time: 24 months</p> | <p>Design capacity: 800 Total cost: \$15,000,000 Total annual operating costs: \$1,389,500 (addition only)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Wheel, spoke or radial (modified)</p> |
| <p>Costs</p> <p>Total: \$15,000,000 Building only: \$15,000,000 Housing area: \$15,000,000 Housing per inmate: \$20,000 Housing per cell: \$20,000 Total per inmate: \$18,750 Total per GSF: \$94.33 Total annual operating costs: \$1,389,500 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 159,020 Gross square feet/other: 0 Gross square feet/total: 159,020 Housing area square feet: 159,020 Gross square feet per inmate: 199 Size of cells: 80 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 50 Inmates per unit: 50 Management type: Remote surveillance June 1986 population: 958 Facility commitment: State prisoners Means to handle crowding: Bunk beds</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on and between fences; towers Inmate security level: Maximum: 4% Medium: 96% Minimum: 0</p> | <p>Structural: Masonry bearing with roof rafters; 5/8" GWB finish ceiling and fiberglass Exterior walls: CMU block; redwood siding over insulation secured to CMU Interior walls: CMU block Exterior surface/facade: Diagonal redwood siding</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Remote locking; manual locking Floor surface: Vinyl tile Intercom: One-way to cells and common areas HVAC: Air conditioning; heating/air circulation; gas heat; hot water heating and tempered air handling equipment for makeup air Plumbing: China Furniture: Vinyl/plastic Fire protection: Smoke detectors for common areas; manual alarm stations</p> | <p>Single occupancy: 750 Double occupancy: 0 Dorms: 0 Special housing: 50 General population: 750 Total: 800</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 11 Security: 27 Programs/treatment: 4 Maintenance: 6 Total: 48 Current inmate/staff ratio: 19.96:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; less expensive materials and hardware; builder's hardware used in medium security; excellent contracts and good construction documents Negative: High labor costs Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Labor problems</p> |

(No floorplan available at time of publication)

Cook County Medical and Psychiatric Facility—RTU Building (Addition)

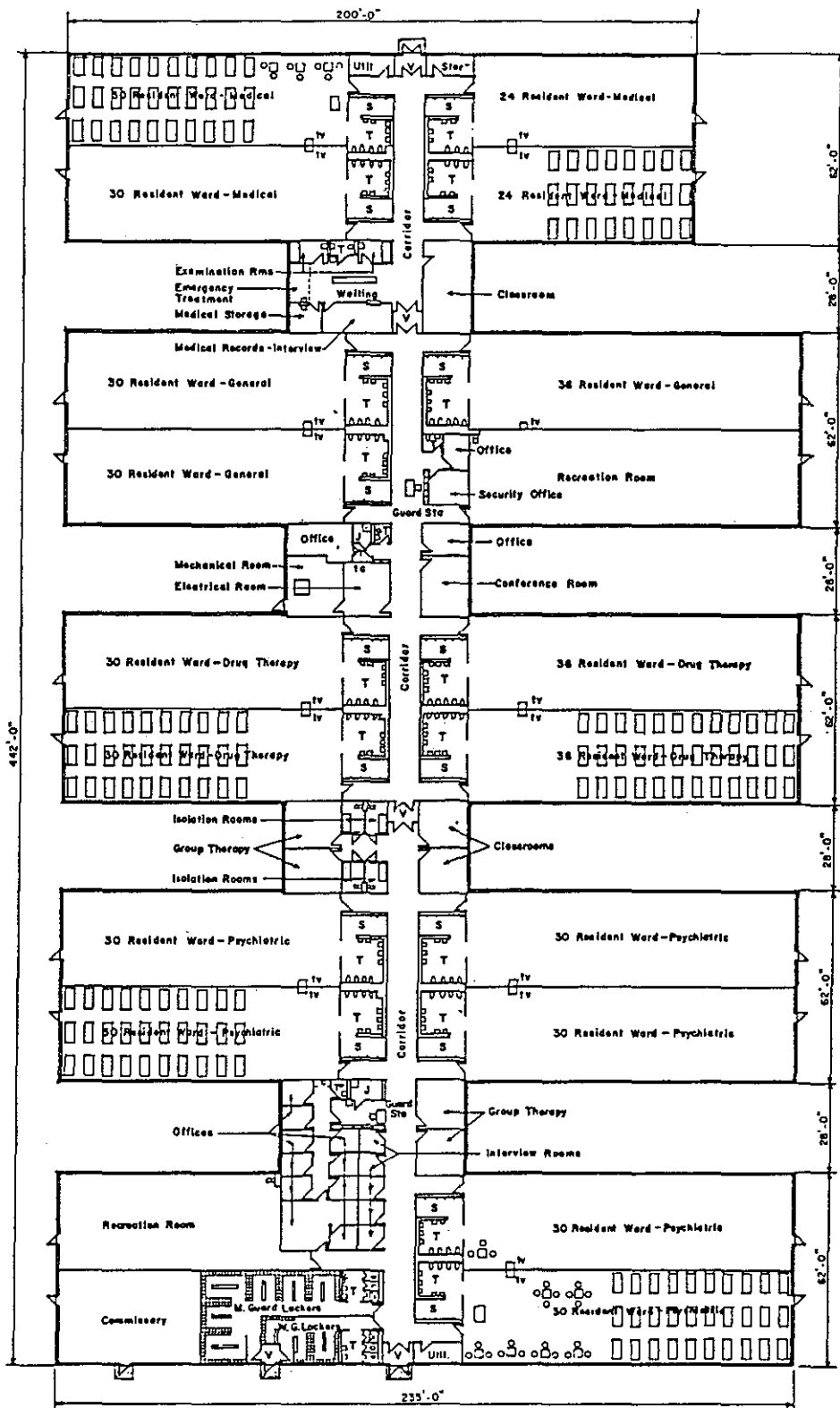
Jurisdiction official: James O'Grady, Sheriff

Contact: Tom Moynahan, Executive Director, Cook County Medical and Psychiatric Facility—RTU Building, 2700 South California Avenue, Chicago, IL 60608, 312-890-6876

Architect: Michael R. Eiben AIA, 79 West Monroe Street, Chicago, IL 60603, 312-782-9562

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: June 1984 Finish date: May 1985 Construction time: 11 months</p> | <p>Design capacity: 524 Total cost: \$5,900,000 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: County jail, medical and psychiatric treatment facility Building configuration: Integrated structure; ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$5,900,000 Building only: \$4,450,000 Housing area: \$3,200,000 Housing per inmate: \$6,107 Housing per cell: \$152,381 Total per inmate: \$11,260 Total per GSF: \$75.64 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 78,000 Gross square feet/other: 0 Gross square feet/total: 78,000 Housing area square feet: 54,600 Gross square feet per inmate: 149 Size of cells: 90 square feet (single); 3,000 (dorm) Net/gross square feet: 96%</p> | <p>Inmate housing areas</p> <p>Design: Dorms off linear support core Cells per unit: 1 Inmates per unit: 30 Management type: Direct supervision March 1987 population: 456 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on and between fences; towers; patrols Inmate security level: Maximum: 0 Medium: 1% Minimum: 99%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick Interior walls: CMU block; metal panels Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Interior wall panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Epoxy coating; vinyl tile; rubber tile Intercom: Two-way to all areas HVAC: Air conditioning; steam heat Plumbing: Stainless steel Furniture: Steel; vinyl/plastic Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 4 Double occupancy: 0 Dorms: 520 Special housing: 0 General population: 524 Total: 524</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 175 Programs/treatment: 41 Maintenance: 1 Total: 218 Current inmate/staff ratio: 2.09:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple const. methods; favorable market; less expensive materials and hardware; dorm design Negative: High labor costs; difficult site conditions; government procedures, regulations; complex electronic and electrical systems; local building codes</p> <p>Factors affecting time schedule: Positive: Use of prefab. components, factory assembly; simple const. methods; \$2000 per day penalty for contractor delay Negative: Government procedures, regulations; complex electronic and electrical systems; local building codes</p> |



FLOOR PLAN

GRAPHIC SCALE: 0 5 10 20 30 40 50 FT.

Danville Correctional Center

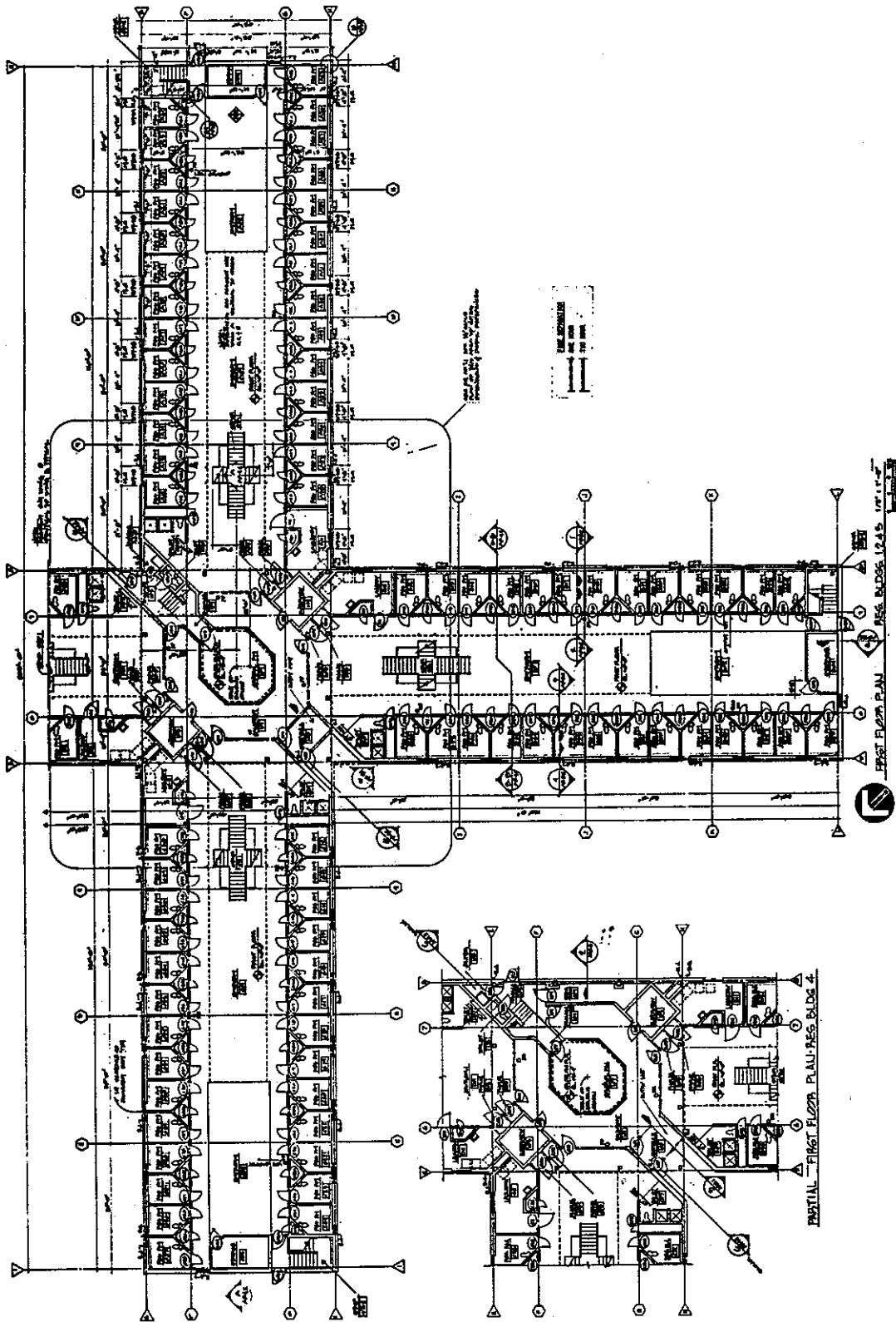
Jurisdiction official: Michael P. Lane, Director, Department of Corrections

Contact: John Russian, Chief Engineer, Danville Correctional Center, Route 136 East, Danville, IL 61832, 217-446-0441

Architect: Salogga, Bradley, Likins, Dillow, 100 Merchant Street, Decatur, IL 62523, 217-429-5105

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: July 1983 Finish date: September 1985 Construction time: 26 months</p> | <p>Design capacity: 941 Total cost: \$33,120,000 Total annual operating costs: \$9,363,200</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$33,120,000 Building only: \$29,975,000 Housing area: \$15,450,000 Housing per inmate: \$16,685 Housing per cell: \$16,685 Total per inmate: \$35,197 Total per GSF: \$90.85 Total annual operating costs: \$9,363,200</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 364,575 Gross square feet/other: 0 Gross square feet/total: 364,575 Housing area square feet: 163,400 Gross square feet per inmate: 387 Size of cells: 70 square feet (single) Net/gross square feet: 92%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 54 Inmates per unit: 54 Management type: Remote surveillance March 1986 population: 866 Facility commitment: State prisoners Means to handle crowding: Mattresses on floor; beds in dayroom; bunks in gym</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; towers Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load bearing precast panels; steel frame Exterior walls: CMU block, textured face Interior walls: CMU block Exterior surface/facade: Stain and sealer</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; precast concrete floor and ceiling unit; preengineered frame</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote and manual locking Floor surface: Vinyl tile Intercom: Call button from cell to control room HVAC: Heating/air circulation only Plumbing: Stainless steel Furniture: Wood Fire protection: Smoke detectors for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 926 Double occupancy: 0 Dorms: 0 Special housing: 15 General population: 926 Total: 941</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 43 Security: 200 Programs/treatment: 23 Maintenance: 22 Total: 288 Current inmate/staff ratio: 3.0:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; phased construction, fast track construction management Negative: Weather problems</p> |



Dixon Correctional Center (Addition)

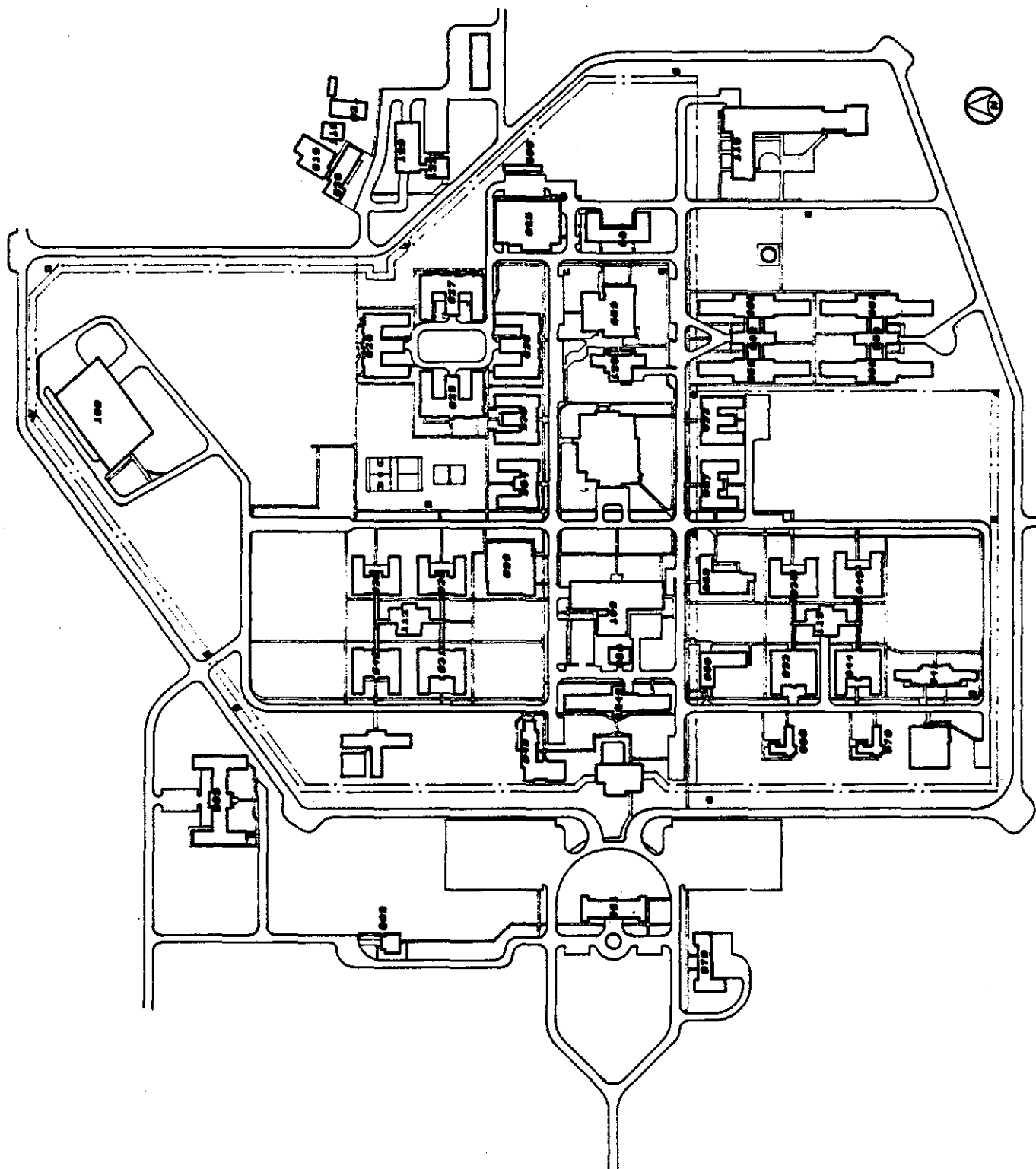
Jurisdiction official: Michael P. Lane, Director, Department of Corrections

Contact: Warden Richard Gramley, Dixon Correctional Center, 2600 North Brinton Avenue, P.O. Box 768, Dixon, IL 61021, 815-288-5561

Architect: Turner-Witt Associates, Inc., 970 East Court Street, Kankakee, IL 60901, 815-933-5529

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: August 1983 Finish date: December 1984 Construction time: 16 months</p> | <p>Design capacity: 50 Total cost: \$1,152,303 Total annual operating costs: \$15,247,100 (entire facility)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$1,152,303 Building only: \$1,152,303 Housing area: \$1,152,303 Housing per inmate: N/A Housing per cell: N/A Total per inmate: \$23,046 Total per GSF: \$118.43 Total annual operating costs: \$15,247,100 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 9,730 Gross square feet/other: 0 Gross square feet/total: 9,730 Housing area square feet: 9,730 Gross square feet per inmate: 195 Size of cells: 85 square feet (spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 50 Inmates per unit: 50 Management type: Remote surveillance April 1987 population: 885 (entire facility) Facility commitment: State prisoners Means to handle crowding: Bunk beds</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; towers; patrols; camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Masonry bearing Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking; remote locking Floor surface: Vinyl tile Intercom: One-way to cells and common areas HVAC: Air conditioning; heating/air circulation; steam heat; steam to hot water and makeup tempered air handling units Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 0 Special housing: 50 General population: 0 Total: 50</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 34 Security: 361 Programs/treatment: 36 Maintenance: 30 Total: 461 (entire facility) Current inmate/staff ratio: 1.92:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; less expensive materials and hardware Negative: Slow construction, lengthy building time; high labor costs</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; advanced order of materials and hardware; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers; labor problems (strike); weather problems (extremely cold early)</p> |



Douglas County Jail

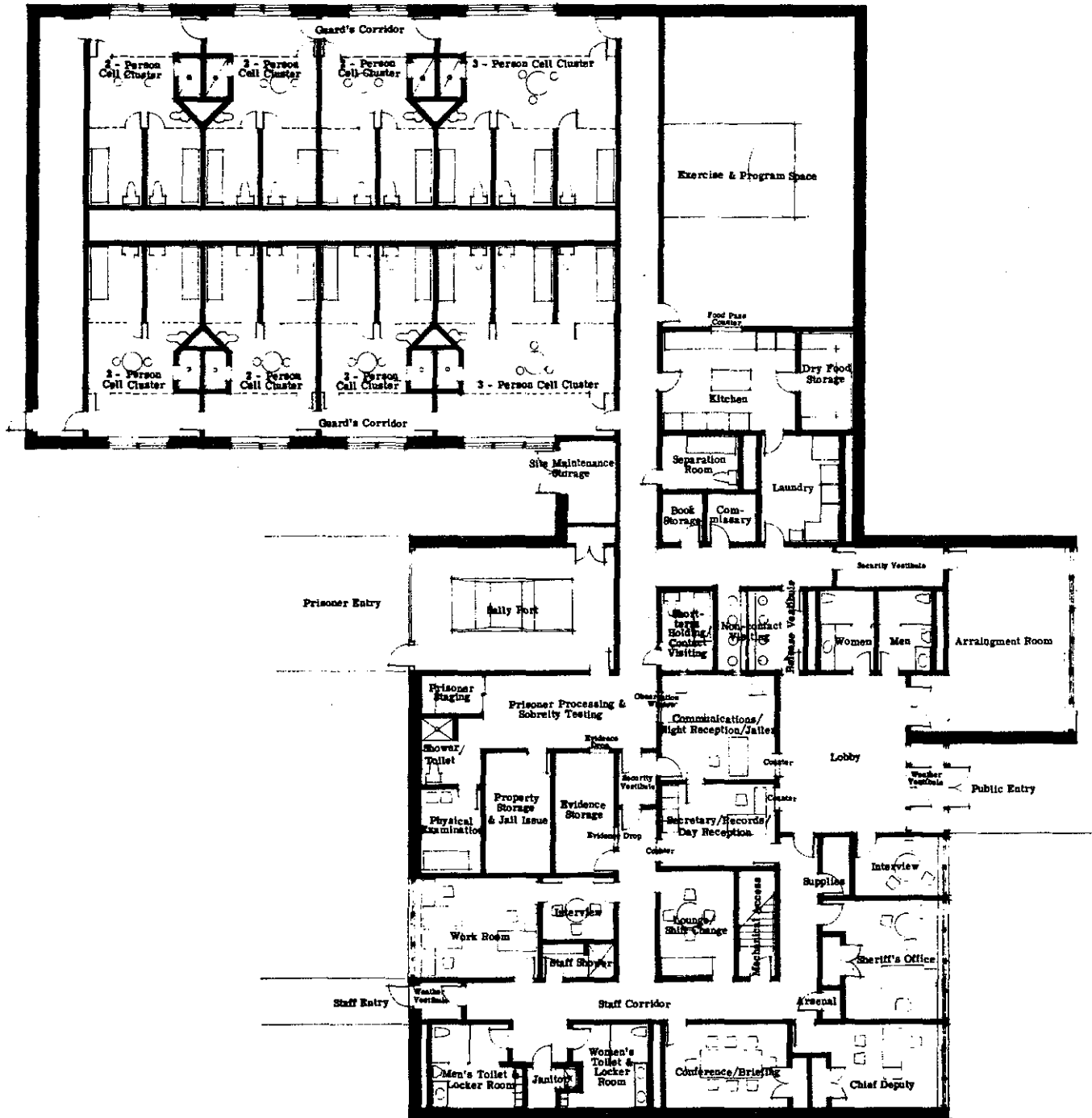
Jurisdiction official: Charles "Chub" Conner, Sheriff

Contact: Sheriff Charles "Chub" Conner, Douglas County Jail, P.O. Box 401, Route 36 and Washington Street, Tuscola, IL 61953, 217-253-3511

Architect: Polson Architects, Suite 220, 2701 Rockcreek Parkway North, Kansas City, MO 64117, 816-474-9909

Construction manager: None

| | | |
|--|--|--|
| <p>Groundbreaking: April 1984 Finish date: May 1986 Construction time: 13 months</p> | <p>Design capacity: 20 Total cost: \$2,100,000 Total annual operating costs: \$128,000</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,100,000 Building only: \$2,050,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$150.49 Total annual operating costs: \$128,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 7,825 Gross square feet/other: 6,129 Gross square feet/total: 13,954 Housing area square feet: 6,455 Gross square feet per inmate: 391 Size of cells: 70 square feet (single) Net/gross square feet: 69%</p> <p>Construction type</p> <p>Structural: Wood frame; load-bearing masonry Exterior walls: Brick; limestone skirt; tile roof Interior walls: Precast panels; CMU block; gypsum board on metal studs Exterior surface/facade: Brick; limestone skirt; tile roof</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside; direct light into cells Cells per unit: 20 Inmates per unit: 20 Management type: Intermittent surveillance October 1987 population: 16 Facility commitment: Local jail inmates Means to handle crowding: Bunk beds in exercise room</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 18 Double occupancy: 0 Dorms: 0 Special housing: 2 General population: 18 Total: 20</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 4 Programs/treatment: 2 Maintenance: 3 Total: 11 Current inmate/staff ratio: 1.45:1</p> | <p>Construction process</p> <p>Finance method: Revenue sharing; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; prefabricated wood roof trusses, precast concrete planks</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Manual locking; motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells HVAC: Air conditioning; gas heat Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas; manual alarm stations</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; design effort Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; labor problems (strike); five prime contracts</p> |



DuPage County Jail and Sheriff's Department

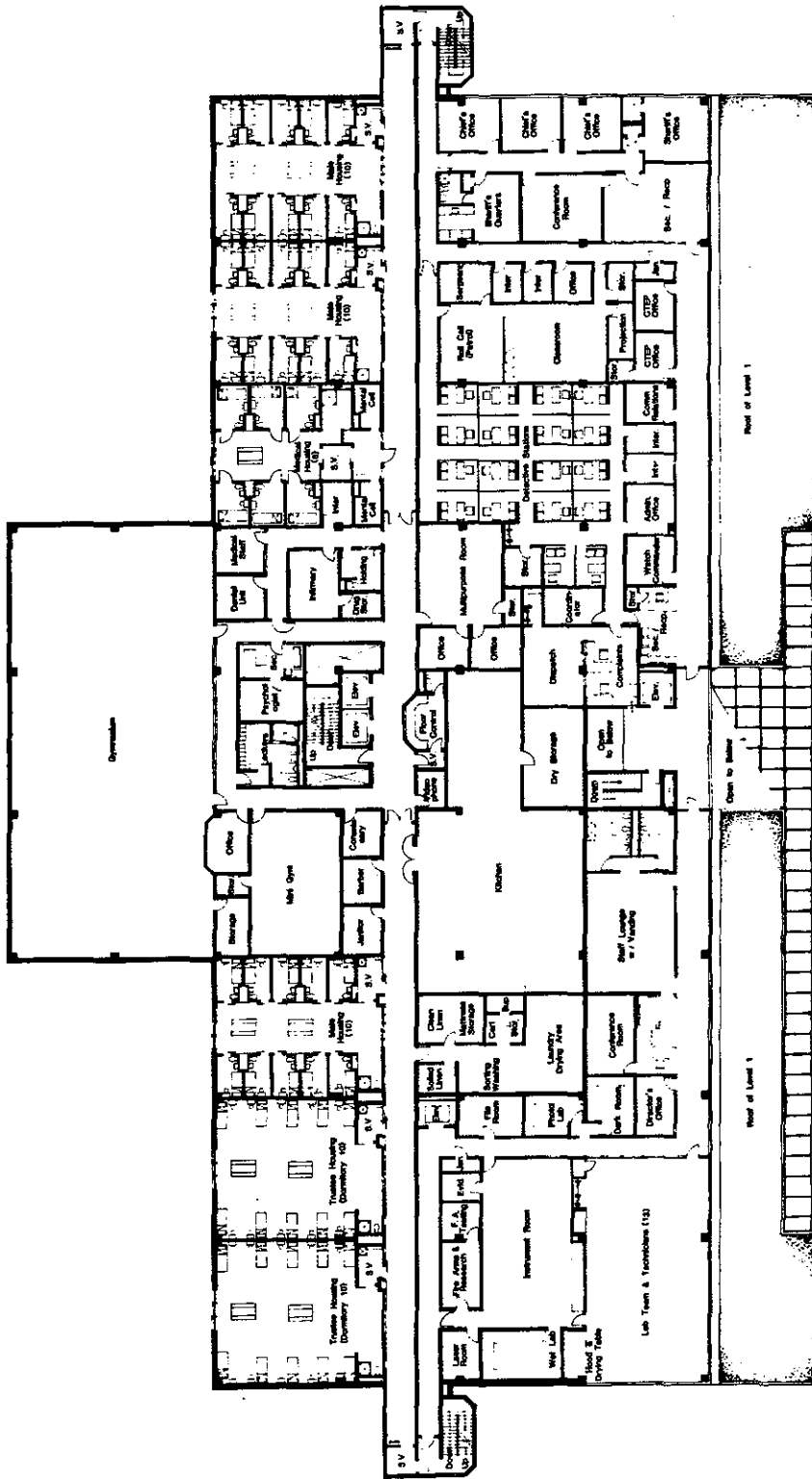
Jurisdiction official: Richard P. Doria, Sheriff

Contact: Sheriff Richard P. Doria, DuPage County Jail and Sheriff's Department, 501 North County Farm Road, Wheaton, IL 60187, 312-682-7256

Architect: Patrick + Associates, Inc., 199 South Fifth Street, Columbus, OH 43215, 614-228-3233

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: May 1981 Finish date: March 1983 Construction time: 22 months</p> | <p>Design capacity: 354 Total cost: \$14,059,500 Total annual operating costs: N/A (complex)</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$14,059,500 Building only: \$13,459,500 Housing area: \$8,015,606 Housing per inmate: \$25,366 Housing per cell: \$40,688 Total per inmate: N/A (complex) Total per GSF: \$92.10 Total annual operating costs: N/A (complex)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 121,318 Gross square feet/other: 31,337 Gross square feet/total: 152,655 Housing area square feet: 37,569 Gross square feet per inmate: 343 Size of cells: 60 square feet (single) Net/gross square feet: 65%</p> <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete; brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 8 to 10 Inmates per unit: 8 to 20 Management type: Intermittent and remote surveillance October 1985 population: 285 Facility commitment: Local jail inmates Means to handle crowding: Bunk beds in cell; mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Single fence; video camera surveillance Inmate security level: Maximum: 50% Medium: 50% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 194 Double occupancy: 0 Dorms: 122 Special housing: 38 General population: 316 Total: 354</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 7 Security: 76 Programs/treatment: 6 Maintenance: 5 Total: 94 Current inmate/staff ratio: 3.03:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Detention equipment items</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding, swinging Doors/locking: Motor driven and remote locking; remote locking only Floor surface: Sealed concrete Intercom: One way to common areas HVAC: Heating/air circulation only Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for common areas</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components; repetitiveness of design in housing areas; favorable market; less expensive materials and hardware Negative: High security level construction; cast-in-place concrete frame Factors affecting time schedule: Positive: Use of prefab.; repetitiveness of housing areas; advanced order of materials and hardware; coordination of design between parties Negative: Slow responses from vendors; labor and weather problems; government "red tape"; complex electronic, mechanical, and electrical systems; CIP concrete</p> | |



Floor Plan: Level 2

Dwight Correctional Center (1979 Addition)

Jurisdiction official: Michael P. Lane, Director, Department of Corrections

Contact: Warden Jane Huch, Dwight Correctional Center, P.O. Box 5001, Dwight, IL 60420-5001, 815-584-2806

Architect: Turner-Witt Associates, Inc., 970 East Court Street, Kankakee, IL 60901, 815-933-5529

Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: April 1978 Finish date: May 1979 Construction time: 13 months</p> | <p>Design capacity: 100 Total cost: \$1,241,079 Total annual operating costs: \$1,176,700 (addition only)</p> | <p>Category: New, ancillary building Facility type: State prison (women's facility) Building configuration: Wheel, spoke or radial (modified)</p> |
| <p>Costs</p> <p>Total: \$1,241,079 Building only: \$1,107,194 Housing area: \$1,107,194 Housing per inmate: \$22,144 Housing per cell: \$22,144 Total per inmate: \$12,411 Total per GSF: \$71.92 Total annual operating costs: \$1,176,700 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 17,256 Gross square feet/other: 0 Gross square feet/total: 17,256 Housing area square feet: 17,256 Gross square feet per inmate: 173 Size of cells: 72 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 50 Inmates per unit: 50 Management type: Remote surveillance April 1987 population: 100 Facility commitment: Female State prisoners Means to handle crowding: Bunk beds</p> |
| <p>Security</p> <p>Perimeter: Single fence; double fence; razor wire on and between fences Inmate security level: Maximum: 50% Medium: 50% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Masonry bearing with wood rafters and 1½" gypsum plaster ceiling Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Carpet; vinyl tile Intercom: Two-way to cells; one-way to common areas HVAC: Air conditioning; heating/air circulation; gas heat; hot water heating with gas fuel tempered air handling for makeup air Plumbing: China; stainless combination unit Furniture: Steel; wood; vinyl/plastic Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 50 Double occupancy: 0 Dorms: 0 Special housing: 50 General population: 50 Total: 100</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: None</p> |

(No floorplan available at time of publication)

Dwight Correctional Center (1984 Addition)

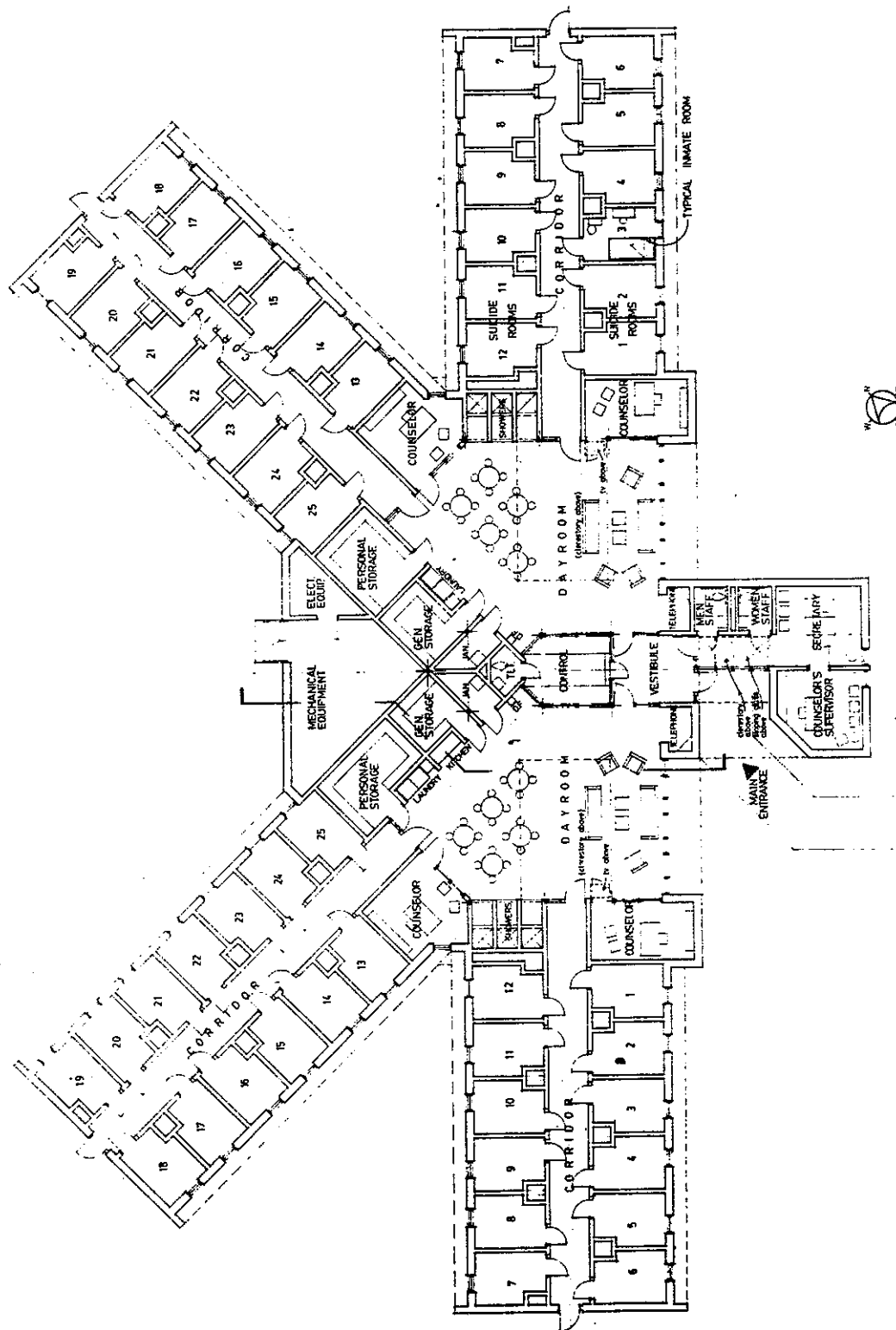
Jurisdiction official: Michael P. Lane, Director, Department of Corrections

Contact: Warden Jane Huch, Dwight Correctional Center, P.O. Box 5001, Dwight, IL 60420-5001, 815-584-2806

Architect: Turner Witt Associates, Inc., 970 East Court Street, Kankakee, IL 60901, 815-933-5529

Construction manager: None

| | | |
|---|--|--|
| <p>Groundbreaking: March 1984 Finish date: December 1984 Construction time: 9 months</p> | <p>Design capacity: 96 Total cost: \$3,120,935 Total annual operating costs: \$1,366,800 (addition only)</p> | <p>Category: New, ancillary building Facility type: State prison (women's facility) Building configuration: Wheel, spoke or radial (modified)</p> |
| <p>Costs</p> <p>Total: \$3,120,935 Building only: \$2,817,325 Housing area: \$2,817,325 Housing per inmate: \$56,347 Housing per cell: \$56,347 Total per inmate: \$32,510 Total per GSF: \$143.24 Total annual operating costs: \$1,366,800 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 21,788 Gross square feet/other: 0 Gross square feet/total: 21,788 Housing area square feet: 21,788 Gross square feet per inmate: 227 Size of cells: 63.5 (gen. single); 85.3 (spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: Unknown Inmates per unit: 50 Management type: Remote surveillance April 1987 population: 96 Facility commitment: Female State prisoners Means to handle crowding: Bunk beds</p> |
| <p>Security</p> <p>Perimeter: Single fence; double fence; razor wire on and between fences Inmate security level: Maximum: 51% Medium: 49% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Masonry bearing with wood rafters and 1½" gypsum plaster ceiling Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; precut roof system</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Carpet; vinyl tile; terrazzo Intercom: Two-way to cells; one-way to common areas HVAC: Air conditioning; heating/air circulation; hot water heating with gas fuel tempered air handling for makeup air Plumbing: China; stainless combination unit Furniture: Steel; wood; vinyl/plastic Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 50 Double occupancy: 0 Dorms: 0 Special housing: 46 General population: 50 Total: 96</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components; reduced construction time in field; simple construction methods; favorable market; less expensive materials and hardware; well qualified and organized contractor; quality of construction documents Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods; coordination of design; contractor incentives and organized contractors Negative: Early spring rains caused initial delay (contractor caught up later)</p> |

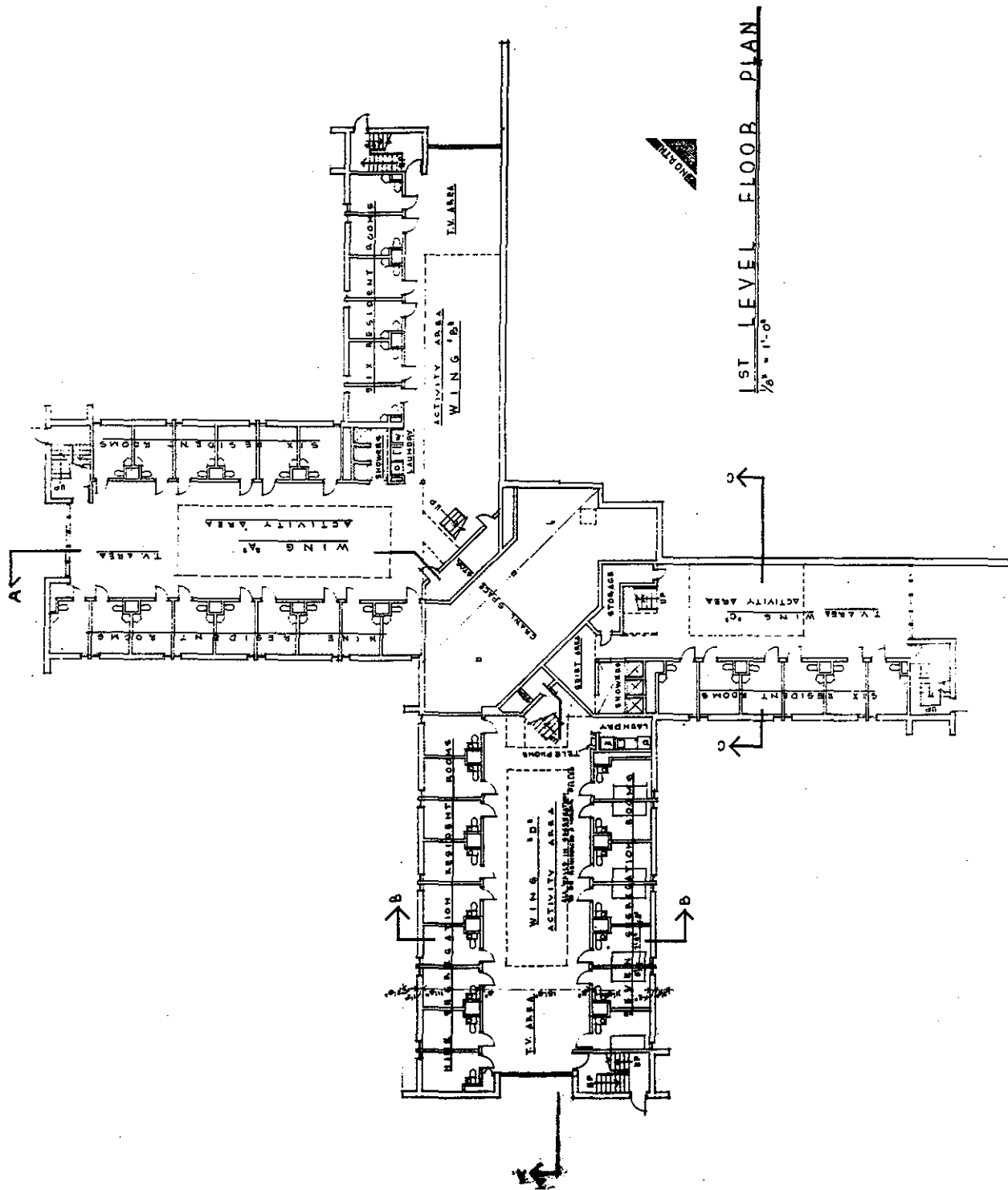


East Moline Correctional Center (Addition)

Jurisdiction official: Michael P. Lane, Director, Department of Corrections

Contact: Warden Odie Washington, East Moline Correctional Center, 100 Hillcrest Road, East Moline, IL 61244, 309-755-4511
Architect: Turner Witt Associates, Inc., 970 East Court Street, Kankakee, IL 60901, 815-933-5529
Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: October 1982 Finish date: May 1984 Construction time: 19 months</p> | <p>Design capacity: 200 Total cost: \$4,225,999 Total annual operating costs: \$3,135,000 (addition only)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: High rise; wheel, spoke or radial (modified)</p> |
| <p>Costs</p> <p>Total: \$4,225,999 Building only: \$4,225,999 Housing area: \$4,225,999 Housing per inmate: \$21,130 Housing per cell: \$21,130 Total per inmate: \$21,130 Total per GSF: \$83.29 Total annual operating costs: \$3,135,000 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 50,736 Gross square feet/other: 0 Gross square feet/total: 50,736 Housing area square feet: 50,736 Gross square feet per inmate: 254 Size of cells: 80 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod (modified) Cells per unit: Unknown Inmates per unit: Unknown Management type: Remote surveillance April 1987 population: 200 Facility commitment: State prisoners Means to handle crowding: Added beds</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence Inmate security level: Maximum: 3% Medium: 0 Minimum: 97%</p> | <p>Construction type</p> <p>Structural: Masonry bearing precast concrete floor slabs Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; precast structural concrete floor deck</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Vinyl tile; terrazzo in dayrooms Intercom: One-way to cells and common areas HVAC: Air conditioning; heating/air circulation; steam heat Plumbing: China Furniture: Vinyl/plastic Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 200 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 200 Total: 200</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 27 Security: 214 Programs/treatment: 20 Maintenance: 46 Total: 307 (entire facility) Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; simple construction methods, repetitiveness of design; good competition, favorable market Negative: High labor costs; difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors suppliers; finish roofing material supplier</p> |



Graham Correctional Center (Addition)

Jurisdiction official: Michael P. Lane, Director, Department of Corrections

Contact: Warden Alethea T. Camp, Graham Correctional Center, P.O. Box 499, Hillsboro, IL 62049, 217-532-6961

Architect: Turner-Witt Associates, Inc., 970 East Court Street, Kankakee, IL 60901, 815-933-5529

Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: October 1979 Finish date: October 1981 Construction time: 24 months</p> | <p>Design capacity: 786 Total cost: \$15,000,000 Total annual operating costs: \$1,388,200 (addition only)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Wheel, spoke or radial (modified)</p> |
| <p>Costs</p> <p>Total: \$15,000,000 Building only: \$15,000,000 Housing area: \$15,000,000 Housing per inmate: \$20,000 Housing per cell: \$20,000 Total per inmate: \$19,084 Total per GSF: \$94.33 Total annual operating costs: \$1,388,200 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 159,020 Gross square feet/other: 0 Gross square feet/total: 159,020 Housing area square feet: Unknown Gross square feet per inmate: 202 Size of cells: 80 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 50 Inmates per unit: 50 Management type: Remote surveillance April 1987 population: 1,015 Facility commitment: State prisoners Means to handle crowding: Bunk beds</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on and between fences; towers Inmate security level: Maximum: 4% Medium: 96% Minimum: 0</p> | <p>Structural: Masonry bearing with roof rafters; 5/8" GWB finish ceiling and fiberglass Exterior walls: CMU block; redwood siding over insulation secured to CMU Interior walls: CMU block Exterior surface/facade: Diagonal redwood siding</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Remote locking; manual locking Floor surface: Vinyl tile Intercom: One-way to cells and common areas HVAC: Air conditioning; heating/air circulation; gas heat; hot water heating and tempered air handling equipment for makeup air Plumbing: China Furniture: Vinyl/plastic Fire protection: Smoke detectors for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 750 Double occupancy: 0 Dorms: 0 Special housing: 36 General population: 750 Total: 786</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 34 Security: 361 Programs/treatment: 30 Maintenance: 36 Total: 461 Current inmate/staff ratio: 2.20:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; less expensive materials and hardware; builder's hardware used for medium security; good competition, favorable market Negative: High labor costs; large number of contracts</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Labor problems</p> |

(No floorplan available at time of publication)

Illinois Youth Center—Kankakee (Dining Facility) (Addition)

Jurisdiction official: Michael P. Lane, Director, Department of Corrections

Contact: Superintendent Dennis R. Cooper, Illinois Youth Center—Kankakee, RR1 Box 190, Manteno, IL 60950, 815-476-5201

Architect: Turner-Witt Associates, Inc., 970 East Court Street, Kankakee, IL 60901, 815-933-5529

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: October 1980 Finish date: April 1981 Construction time: 6 months</p> | <p>Design capacity: N/A Total cost: \$426,906 Total annual operating costs: \$1,475,100 (entire facility)</p> | <p>Category: New, ancillary building Facility type: Juvenile correctional facility (dining room/kitchen) Building configuration: Wheel, spoke or radial (modified)</p> |
| <p>Costs</p> <p>Total: \$426,906 Building only: \$426,906 Housing area: N/A Housing per inmate: N/A Housing per cell: N/A Total per inmate: N/A Total per GSF: \$90.31 Total annual operating costs: \$1,475,000 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 4,727 Gross square feet/other: 0 Gross square feet/total: 4,727 Housing area square feet: N/A Gross square feet per inmate: N/A Size of cells: N/A Net/gross square feet: 82%</p> | <p>Inmate housing areas</p> <p>Design: N/A Cells per unit: N/A Inmates per unit: N/A Management type: N/A Current population: N/A Facility commitment: Juveniles Means to handle crowding: N/A</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 4% Medium: 0 Minimum: 96%</p> | <p>Construction type</p> <p>Structural: Unknown Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells (No inmate cells)</p> <p>Doors/material: N/A Doors/type: N/A Doors/locking: N/A Floor surface: N/A Intercom: N/A HVAC: N/A Plumbing: N/A Furniture: N/A Fire protection: N/A</p> | <p>Inmate design capacity</p> <p>Single occupancy: N/A Double occupancy: N/A Dorms: N/A Special housing: N/A General population: N/A Total: N/A (support services)</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 12 Security: 21 Programs/treatment: 6 Maintenance: 4 Total: 43 Current inmate/staff ratio: N/A</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; less expensive materials and hardware Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: None</p> |

(No floorplan available at time of publication)

Illinois Youth Center—Kankakee (Housing Unit) (Addition)

Jurisdiction official: Michael P. Lane, Director, Department of Corrections

Contact: Superintendent Dennis R. Cooper, Illinois Youth Center—Kankakee, RR1 Box 190, Manteno, IL 60950, 815-476-5201

Architect: Turner-Witt Associates, Inc., 970 East Court Street, Kankakee, IL 60901, 815-933-5529

Construction manager: None

| | | |
|---|---|--|
| <p>Groundbreaking: October 1979 Finish date: November 1980 Construction time: 13 months</p> | <p>Design capacity: 50 Total cost: \$905,313 Total annual operating costs: \$1,475,100 (entire facility)</p> | <p>Category: New, ancillary building Facility type: Juvenile correctional facility Building configuration: Wheel, spoke or radial</p> |
| <p>Costs</p> <p>Total: \$905,313 Building only: \$905,313 Housing area: \$905,313 Housing per inmate: \$18,106 Housing per cell: \$18,106 Total per inmate: \$18,106 Total per GSF: \$95.43 Total annual operating costs: \$1,475,100 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 9,487 Gross square feet/other: 0 Gross square feet/total: 9,487 Housing area square feet: 9,487 Gross square feet per inmate: 190 Size of cells: 70 square feet (single) Net/gross square feet: 37%</p> <p>Construction type</p> <p>Structural: Load-bearing wood rafters with GWB ceilings and fiberglass shingle Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick; combina- tion brick and redwood siding</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 50 Inmates per unit: Unknown Management type: Remote surveillance May 1987 population: 60 Facility commitment: Juveniles Means to handle crowding: Bunk beds in cell; mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 4% Medium: 0 Minimum: 96%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 50 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 50 Total: 50</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 12 Security: 21 Programs/treatment: 4 Maintenance: 6 Total: 43 Current inmate/staff ratio: 1.4:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Unknown Intercom: One-way to cells and common areas HVAC: Air conditioning; heating/air circulation; hot water heater with air handling units for tempered makeup air; gas heat Plumbing: Stainless combination unit Furniture: Vinyl/plastic Fire protection: Smoke detectors for cells and common areas</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; less expensive materials and hardware Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: None</p> | |

(No floorplan available at time of publication)

Peoria County Adult Detention and Work Release Facility

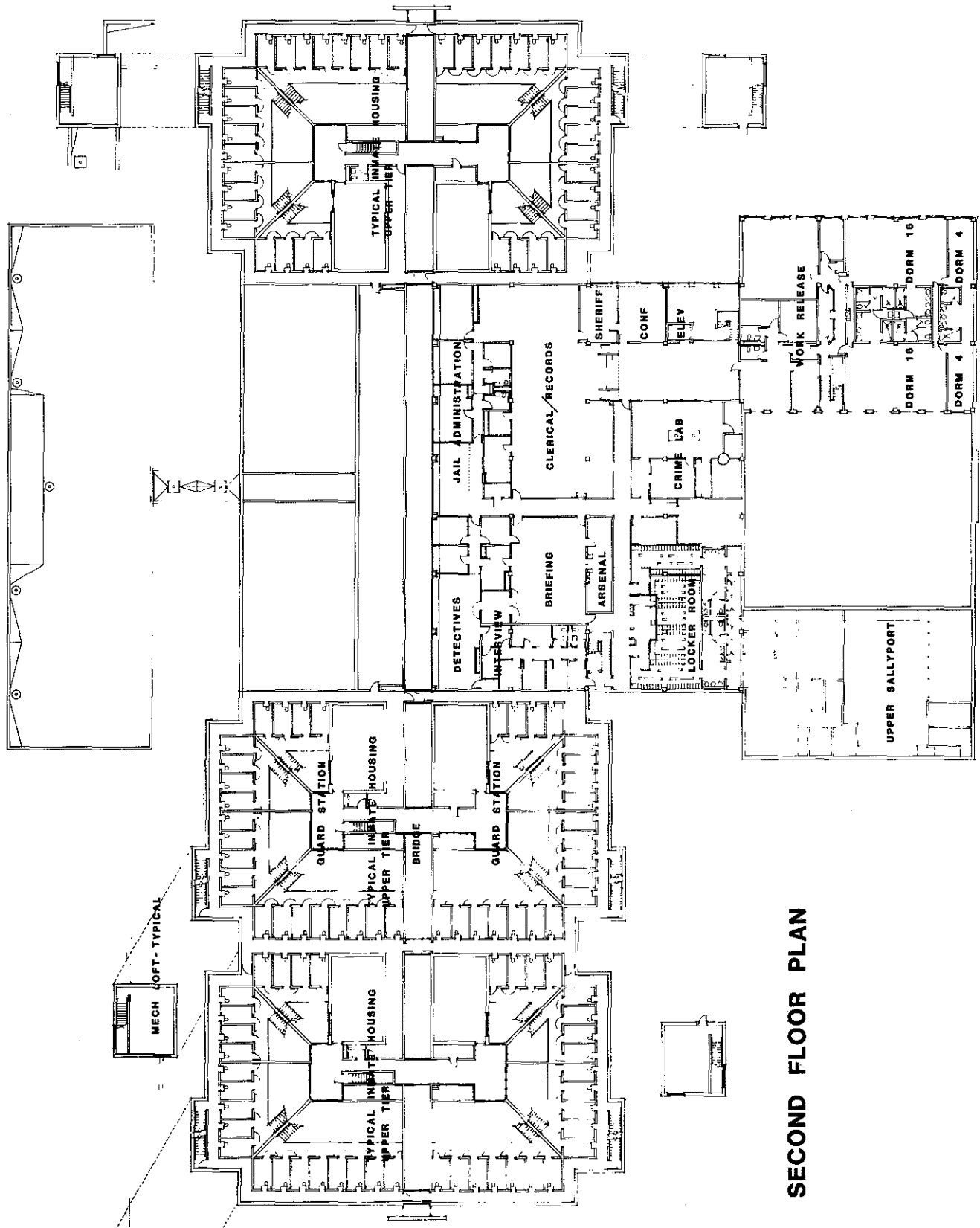
Jurisdiction official: George P. Shadid, Sheriff

Contact: John Maher, Jail Superintendent, Peoria County Adult Detention and Work Release Facility, 301 North Maxwell Road, Peoria, IL 61604, 309-697-8515

Architects: LZT Associates, Inc., 124 S.W. Adams, Suite 450, Peoria, IL 61602, 309-673-3100
John Hackler and Company, Architects, 504 Fayette Street, Peoria, IL 61603, 309-676-6159

Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: April 1983 Finish date: June 1985 Construction time: 26 months</p> | <p>Design capacity: 345 Total cost: \$12,500,000 Total annual operating costs: \$2,000,000</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$12,500,000 Building only: \$11,200,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$97.66 Total annual operating costs: \$2,000,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 117,300 Gross square feet/other: 10,700 Gross square feet/total: 128,000 Housing area square feet: 48,800 Gross square feet per inmate: 340 Size of cells: 62 square feet (gen. single); 80 (spec. single) Net/gross square feet: 69%</p> <p>Construction type</p> <p>Structural: Steel frame; cast-in-place concrete frame; precast concrete frame; double tees Exterior walls: CMU block; brick Interior walls: CMU block; brick Exterior surface/facade: Brick; natural wall</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: Unknown Inmates per unit: Unknown Management type: Remote surveillance November 1987 population: 185 Facility commitment: Local jail inmates; State prisoners; Federal prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fences; video camera surveillance Inmate security level: Maximum: 71% Medium: 0 Minimum: 29%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 222 Double occupancy: 0 Dorms: 0 Special housing: 123 General population: 222 Total: 345</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Construction process</p> <p>Finance method: Lease revenue bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete; vinyl tile, carpet Intercom: Two-way to common areas HVAC: Heating/air circulation; tempered air; sealed energy efficient boiler Plumbing: Stainless steel; stainless combination unit Furniture: Stainless steel Fire protection: Smoke detectors for cells and common areas</p> | | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; good competition, favorable market Negative: Complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Repetitiveness of design; coordination of design between parties; excellent cooperation, specific scheduling, defined decision dates; good preparation and public education Negative: None</p> |



SECOND FLOOR PLAN

Rock Island County Jail

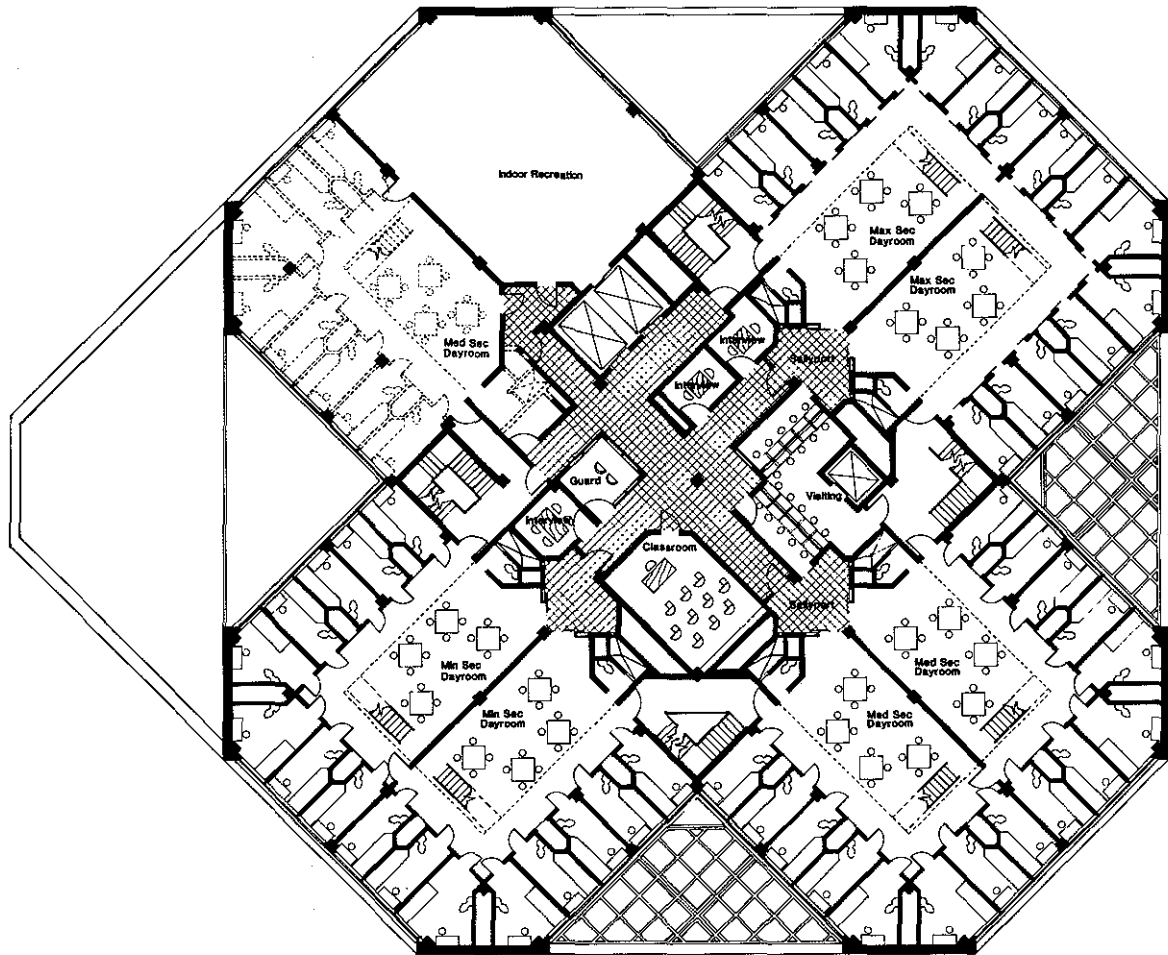
Jurisdiction official: Gordon Powell, Sheriff

Contact: Lieutenant G. Jungwirth, Rock Island County Jail, P.O. Box 306, Rock Island, IL 61201, 309-794-1230

Architect: Phillips Swager Associates, 3622 North Knoxville Avenue, Peoria, IL 61603, 309-688-9511

Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: July 1983 Finish date: August 1985 Construction time: 25 months</p> | <p>Design capacity: 200 Total cost: \$7,566,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: Complex: county jail, sheriff admin., court Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$7,566,000 Building only: \$7,450,000 Housing area: \$4,171,000 Housing per inmate: \$23,172 Housing per cell: \$29,793 Total per inmate: N/A (complex) Total per GSF: \$98.51 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 43,000 Gross square feet/other: 33,804 Gross square feet/total: 76,804 Housing area square feet: Unknown Gross square feet per inmate: 215 Size of cells: 70 square feet (single) Net/gross square feet: 56%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 16 Inmates per unit: 16 Management type: Remote surveillance October 1985 population: 145 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 22% Medium: 31% Minimum: 18% Other: 29%</p> | <p>Structural: Cast-in-place concrete frame Exterior walls: CMU block; architectural precast Interior walls: Cast-in-place concrete; CMU block; terrazzo Exterior surface/facade: Textured concrete block</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Terrazzo Intercom: Two-way to cells and common areas; one-way to common areas HVAC: Air conditioning; hot water heating Plumbing: Stainless combination unit Furniture: Steel; concrete Fire protection: Smoke detectors for cells; sprinklers for common areas</p> | <p>Single occupancy: 128 Double occupancy: 0 Dorms: 44 Other: 8 Special housing: 20 General population: 180 Total: 200</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 35 Programs/treatment: Volunteers Maintenance: 8 Total: 45 Current inmate/staff ratio: 3.22:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Repetitiveness of cell block design; CMU throughout; good competition Negative: Security glazing</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Elevator—security</p> |



Shawnee Correctional Center (Addition)

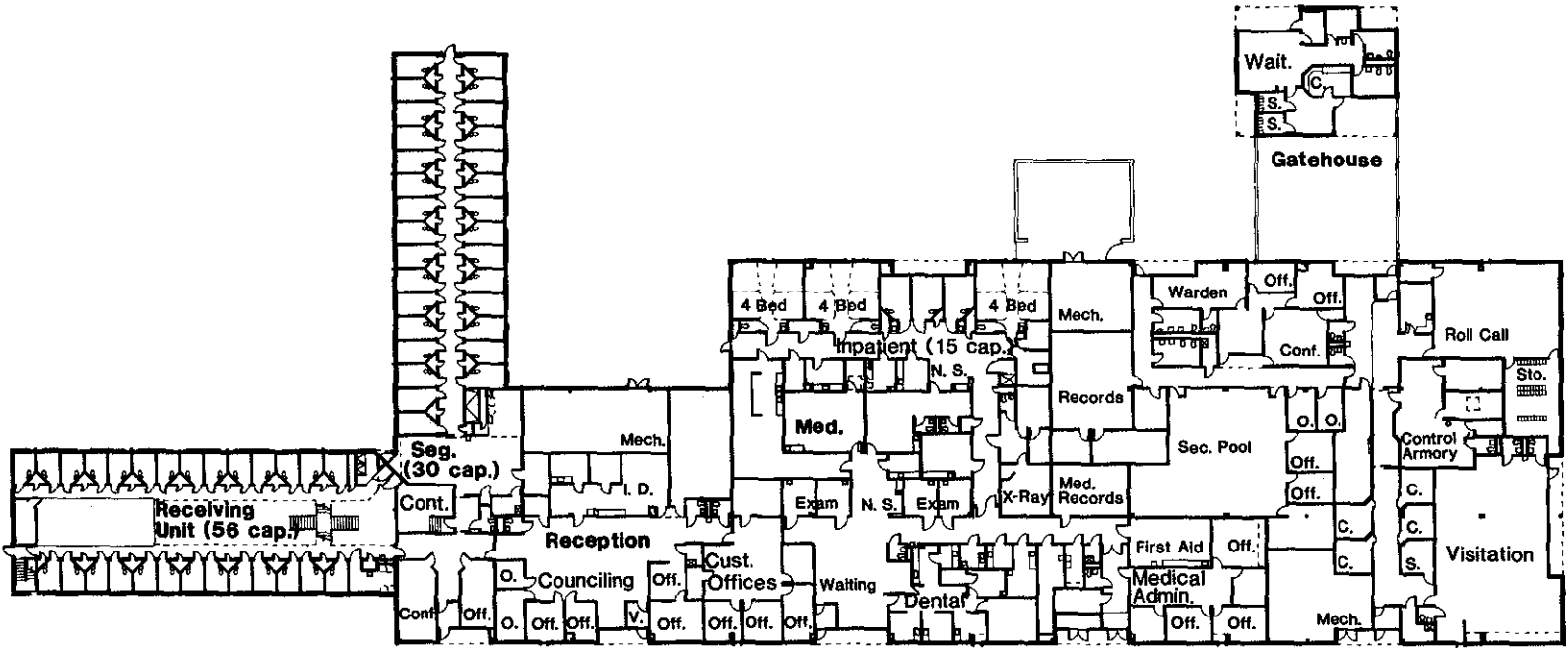
Jurisdiction official: Michael P. Lane, Director, Department of Corrections

Contact: Warden James H. Thieret, Shawnee Correctional Center, P.O. Box 400, Vienna, IL 62995, 618-658-8331

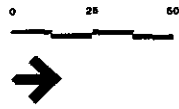
Architect: Phillips Swager Associates, 3622 North Knoxville Avenue, Peoria, IL 61603, 309-688-9511

Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: November 1982 Finish date: February 1985 Construction time: 28 months</p> | <p>Design capacity: 926 Total cost: \$32,400,000 Total annual operating costs: \$14,796,200 (addition only)</p> | <p>Category: New, ancillary building Facility type: State prison; State vehicle maintenance Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$32,400,000 (inc. veh. main. area) Building only: \$27,000,000 Housing area: \$15,020,348 Housing per inmate: \$16,764 Housing per cell: \$16,764 Total per inmate: \$34,989 Total per GSF: \$88.35 Total annual operating costs: \$14,796,200 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 359,723 Gross square feet/other: 7,000 Gross square feet/total: 366,723 Housing area square feet: 165,645 Gross square feet per inmate: 388 Size of cells: 71 square feet (single); 80 square feet (special) Net/gross square feet: 70%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 224 Inmates per unit: 224 Management type: Remote surveillance October 1985 population: 901 Facility commitment: State prisoners Means to handle crowding: N/A</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on and between fences; towers; patrols Inmate security level: Maximum: 3% Medium: 97% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick; metal panel above 8 foot brick wainscot Interior walls: CMU block Exterior surface/facade: Brick; 8 foot brick wainscot and metal panel above</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; hollow metal Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Heating/air circulation only; steam heating plant Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 896 Double occupancy: 0 Dorms: 0 Special housing: 30 General population: 896 Total: 926</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 55 Security: 351 Programs/treatment: 33 Maintenance: 34 Total: 473 (addition only) Current inmate/staff ratio: 1.90:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; good competition, favorable market; less expensive materials and hardware Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; preengineered construction on support buildings Negative: Weather problems; vendor/supplier problems</p> |



Administrative / Inmate Services



Sheridan Correctional Center (Kitchen/Dining Facility) (Addition)

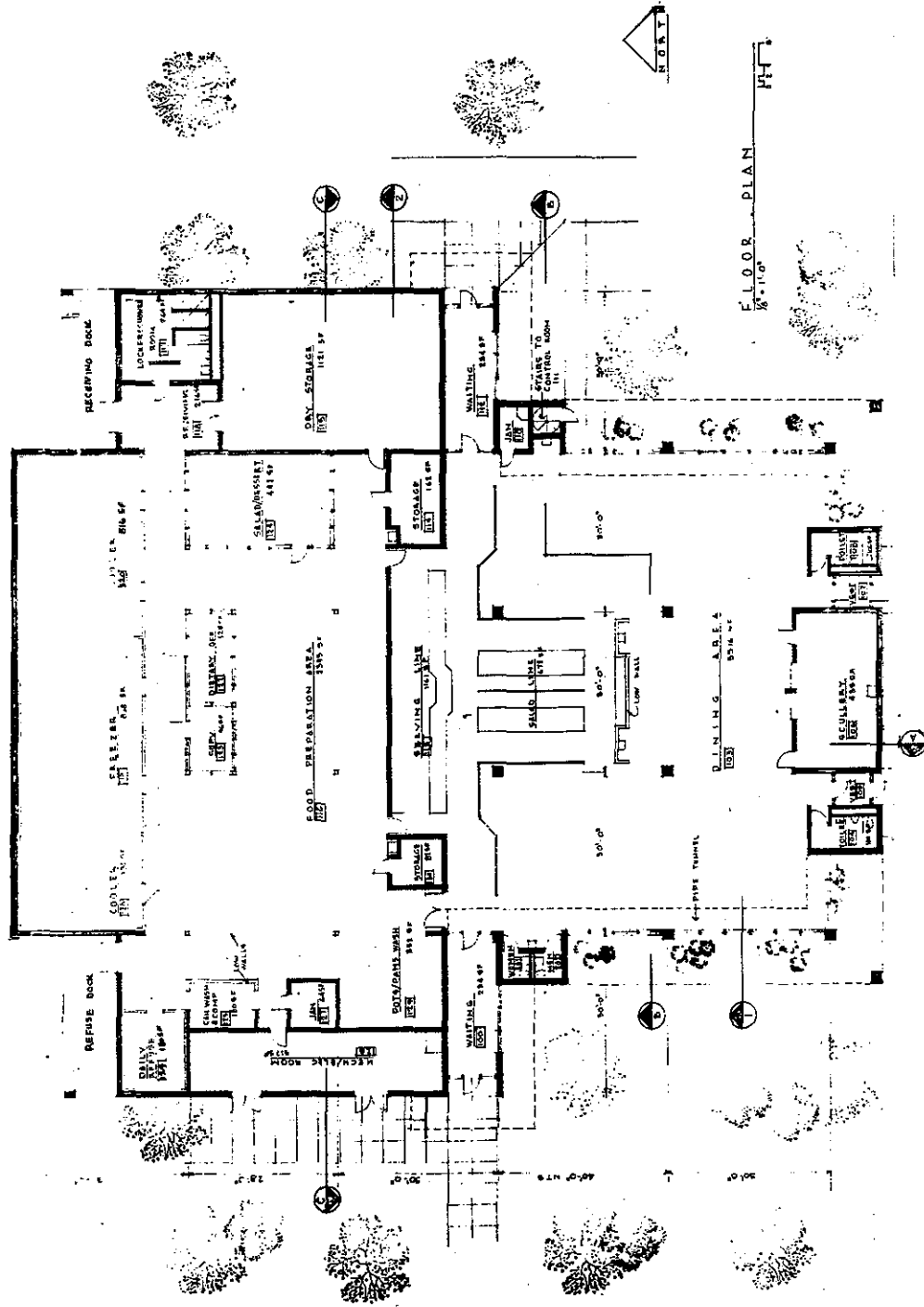
Jurisdiction official: Michael P. Lane, Director, Department of Corrections

Contact: Warden George Welborn, Sheridan Correctional Center, Box 38, Sheridan, IL 60551, 815-496-2311

Architect: Turner-Witt Associates, Inc., 970 East Court Street, Kankakee, IL 60901, 815-933-5529

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: May 1982 Finish date: May 1983 Construction time: 12 months</p> | <p>Design capacity: N/A Total cost: \$2,088,303 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison (kitchen/dining facility) Building configuration: Unknown</p> |
| <p>Costs</p> <p>Total: \$2,088,303 Building only: Unknown Housing area: N/A Housing per inmate: N/A Housing per cell: N/A Total per inmate: N/A Total per GSF: \$109.08 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 19,144 Gross square feet/other: 0 Gross square feet/total: 19,144 Housing area square feet: N/A Gross square feet per inmate: N/A Size of cells: N/A Net/gross square feet: 82%</p> <p>Construction type</p> <p>Structural: Masonry bearing with heavy timber Exterior walls: Brick; cedar siding Interior walls: CMU block; structural glazed tile Exterior surface/facade: Brick</p> <p>Inmate design capacity</p> <p>Single occupancy: N/A Double occupancy: N/A Dorms: N/A Special housing: N/A General population: N/A Total: N/A</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Inmate housing areas</p> <p>Design: N/A Cells per unit: N/A Inmates per unit: N/A Management type: Unknown Current population: N/A Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; towers Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; roof construction</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; good competition, favorable market; less expensive materials and hardware Negative: None</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; coordination of design between parties Negative: None</p> |
| <p>Inmate cells (No inmate cells)</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: N/A Floor surface: Terrazzo Intercom: N/A HVAC: Heating/air circulation; hot water heating and air handling equipment Plumbing: Stainless steel; china Furniture: Food service and equipment Fire protection: Smoke detectors for common areas; manual alarm stations</p> | | |



FLOOR PLAN
1/8" = 1'-0"

Sheridan Correctional Center (Medical/Security Services) (Addition/Remodel/Expansion)

Jurisdiction official: Michael P. Lane, Director, Department of Corrections

Contact: Warden George Welborn, Sheridan Correctional Center, Box 38, Sheridan, IL 60551, 815-496-2311
Architect: Turner Witt Associates, Inc., 970 East Court Street, Kankakee, IL 60901, 815-933-5529
Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: December 1982 Finish date: February 1984 Construction time: 14 months</p> | <p>Design capacity: 10 Total cost: \$2,812,065 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building; remodel/renovation project; expansion Facility type: State prison Building configuration: Existing buildings and additions</p> |
| <p>Costs</p> <p>Total: \$2,812,065 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (remodel) Total per GSF: \$100.18 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 28,070 Gross square feet/other: 0 Gross square feet/total: 28,070 Housing area square feet: Unknown Gross square feet per inmate: 2,807 Size of cells: 100 square feet (single); 158 (double) Net/gross square feet: 82%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: Unknown Inmates per unit: Unknown Management type: Remote surveillance Current population: Unknown Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; towers Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 0 Special housing: 10 General population: 0 Total: 10</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Carpet; sealed concrete; vinyl tile Intercom: Unknown HVAC: Air conditioning; gas heat; hot water heat and tempered air handling units Plumbing: China Furniture: Vinyl/plastic Fire protection: Smoke detectors for common areas; manual alarm stations</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: None</p> | |

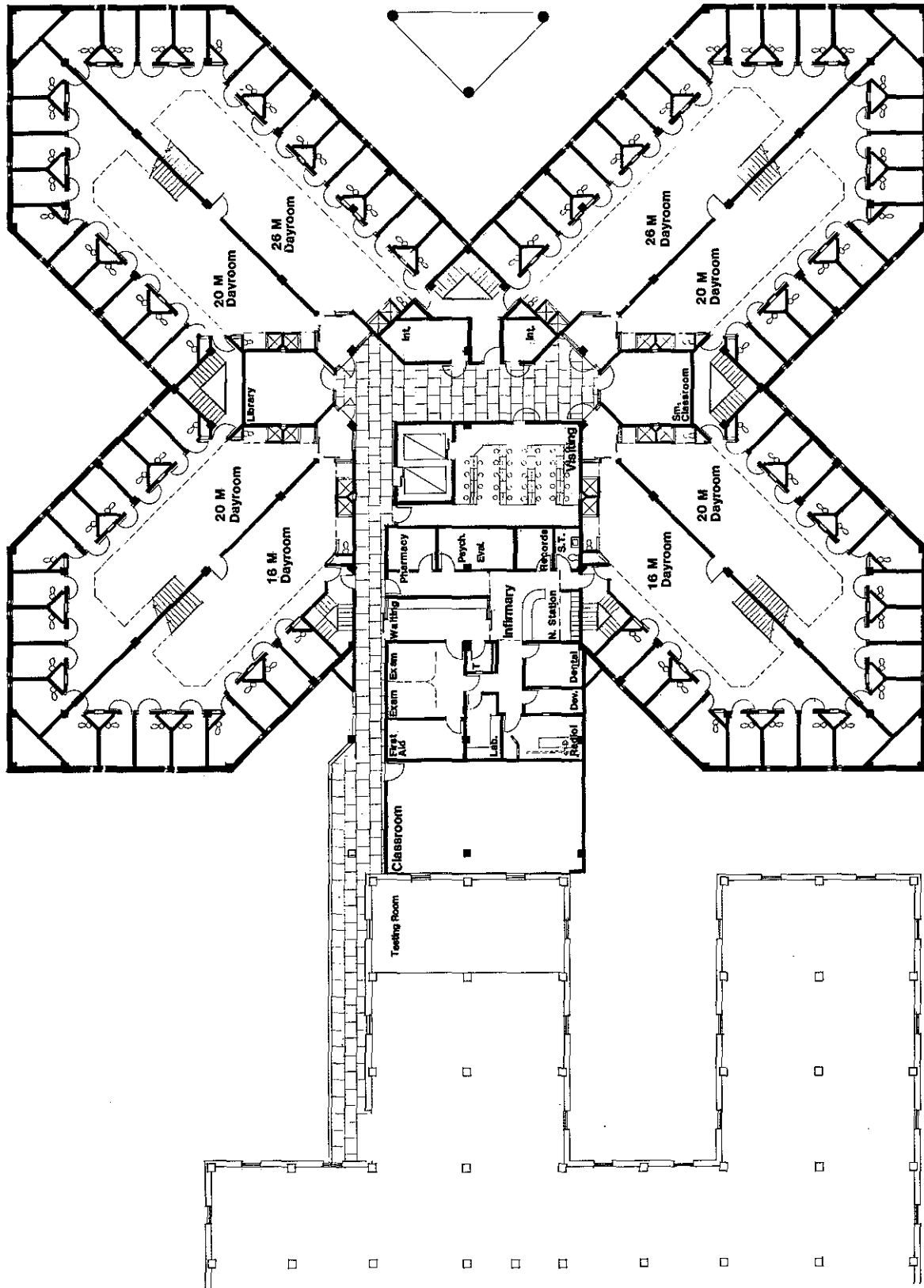
(No floorplan available at time of publication)

Marion County Jail (Addition/Remodel)

Jurisdiction official: Joseph G. McAtee, Sheriff

Contact: Deputy Chief Jerry T. Cooper, Marion County Jail, 40 South Alabama Street, Indianapolis, IN 46204, 317-633-5181
Architect: McGuire & Shook Architects, 7440 North Shadeland Avenue, Indianapolis, IN 46250, 317-842-0000
Criminal justice consultants: Phillips Swager Associates, 3622 North Knoxville Avenue, Peoria, IL 61603, 309-688-9511
Construction manager: None

| | | |
|---|--|--|
| <p>Groundbreaking: January 1983 Finish date: December 1985 Construction time: 36 months</p> | <p>Design capacity: 337 Total cost: \$18,000,000 Total annual operating costs: \$24,500,000 (entire facility)</p> | <p>Category: New, ancil. building; remodel Facility type: Complex: county jail, law enforcement, crime lab Building configuration: High rise in radial formation</p> |
| <p>Costs</p> <p>Total: \$18,000,000 Building only: \$17,700,000 Housing area: \$12,240,000 Housing per inmate: \$18,092 Housing per cell: \$18,092 Total per inmate: N/A (complex) Total per GSF: \$112.50 Total annual operating costs: \$24,500,000 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 115,000 Gross square feet/other: 45,000 Gross square feet/total: 160,000 Housing area square feet: N/A Gross square feet per inmate: 341 Size of cells: 77 square feet (single) Net/gross square feet: 60%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 16, 20, 26 Inmates per unit: 16, 20, 26 Management type: Remote surveillance July 1987 population: 296 Facility commitment: Local jail inmates Means to handle crowding: N/A</p> |
| <p>Security</p> <p>Perimeter: Alarm detection systems; video camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Terrazzo Intercom: Two-way to common areas HVAC: Air conditioning Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 325 Double occupancy: 0 Dorms: 0 Special housing: 12 General population: 325 Total: 337</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 27 Programs/treatment: N/A Maintenance: 10 Total: 37 (addition only) Current inmate/staff ratio: 8.0:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: None</p> |



Polk County Jail

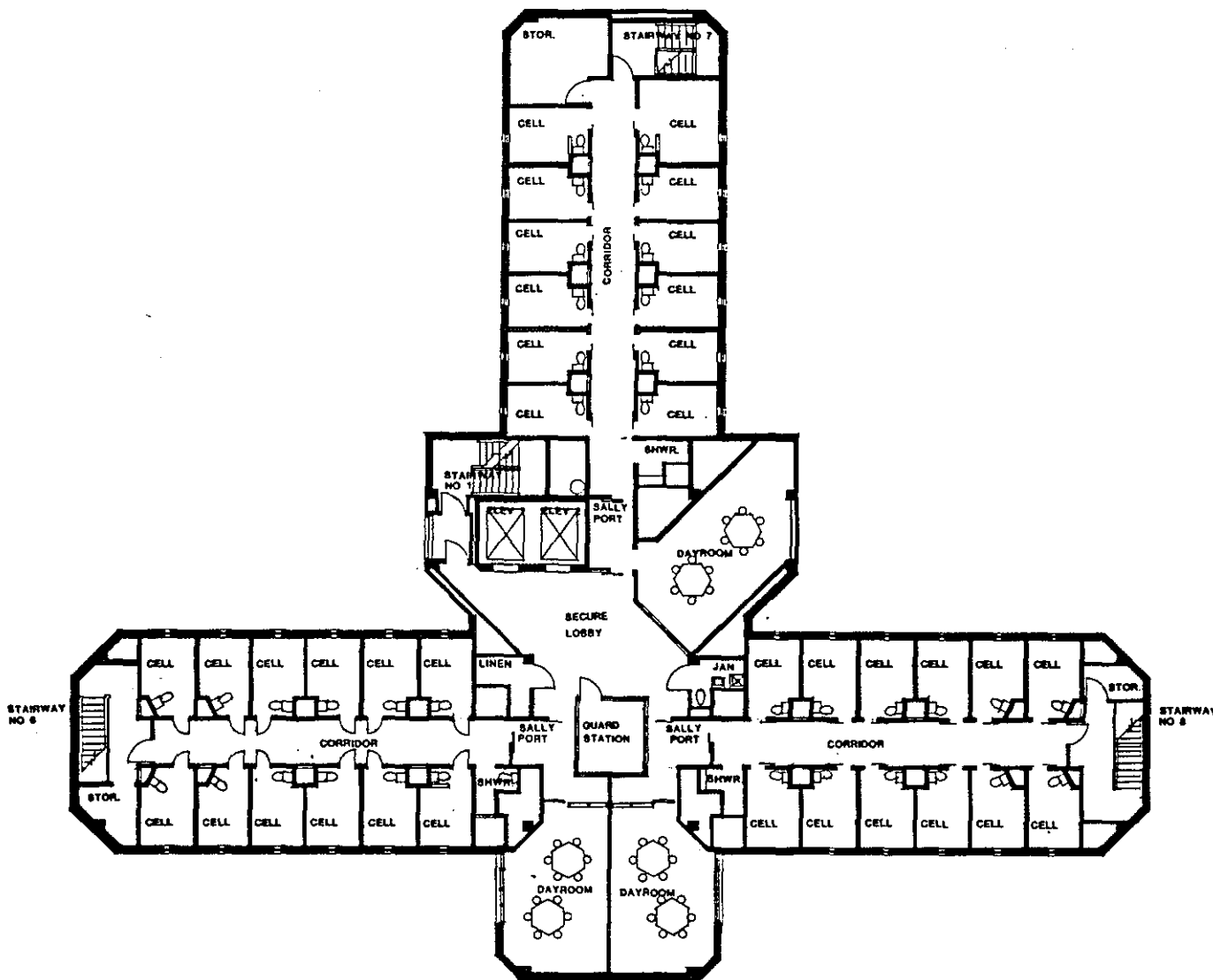
Jurisdiction official: Bob E. Rice, Sheriff

Contact: Floyd Jones, Chief Jailer, Polk County Jail, 110 6th Avenue, Des Moines, IA 50309, 515-286-3804

Architect: FEH Associates, Inc., 1115 Midland Financial Building, Des Moines, IA 50309, 515-283-2479

Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: April 1981 Finish date: December 1983 Construction time: 32 months</p> | <p>Design capacity: 210 Total cost: \$8,900,000 Total annual operating costs: \$2,276,016</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: High rise in radial formation</p> |
| <p>Costs</p> <p>Total: \$8,900,000 Building only: \$8,900,000 Housing area: \$3,240,000 Housing per inmate: \$16,364 Housing per cell: \$16,364 Total per inmate: \$42,381 Total per GSF: \$82.41 Total annual operating costs: \$2,276,016</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 108,000 Gross square feet/other: 0 Gross square feet/total: 108,000 Housing area square feet: 40,515 Gross square feet per inmate: 514 Size of cells: 74.39 square feet (single) Net/gross square feet: 94%</p> | <p>Inmate housing areas</p> <p>Design: Linear/outside; 5 floors have guard station, dayrooms, and 3 wings Cells per unit: 36 Inmates per unit: 36 Management type: Intermittent surveillance October 1985 population: 133 Facility commitment: Local jail inmates Means to handle crowding: Use holding cells</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single fence; alarm/detection systems Inmate security level: Maximum: 83% Medium: 0 Minimum: 17%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; ducts include lighting, door operators, and sprinkler piping</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid steel; wooden Doors/type: Sliding; swinging Doors/locking: Motor driven and remote locking; remote locking only Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Heating/air circulation only; gas-fired boilers supply hot water to heating coils Plumbing: Stainless Furniture: Steel Fire protection: Sprinklers for cells and common areas; manual alarm stations; duct smoke detectors</p> | <p>Inmate design capacity</p> <p>Single occupancy: 180 Double occupancy: 0 Dorms: 0 Other: 18 Special housing: 12 General population: 198 Total: 210</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 13 Security: 53 Programs/treatment: Contractual Maintenance: 4 Total: 70 Current inmate/staff ratio: 1.9:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; complex electronic, mechanical, and electrical systems</p> |



FLOORS 4-8



Woodbury Law Enforcement Center

Jurisdiction official: Russell H. White, Jr., Sheriff

Contact: Lieutenant Lynette M. Hertz, Jail Commander, Woodbury Law Enforcement Center, 7th & Douglas, Sioux City, IA 51101, 712-279-6040

Architect: Dana-Larson Roubal & Associates, 400 Essex Court, Omaha, NE 68114, 402-393-4100

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: January 1986 Finish date: September 1987 Construction time: 20 months</p> | <p>Design capacity: 108 Total cost: \$7,112,760 Total annual operating costs: \$840,601</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement, courts, Sheriff's Department Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$7,112,760 Building only: \$6,612,670 Housing area: \$3,300,000 Housing per inmate: \$50,000 Housing per cell: \$50,000 Total per inmate: N/A (complex) Total per GSF: \$82.63 Total annual operating costs: \$840,601</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 34,988 Gross square feet/other: 51,094 Gross square feet/total: 86,082 Housing area square feet: 25,500 Gross square feet per inmate: 324 Size of cells: 70 square feet (single) Net/gross square feet: 73%</p> <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete; CMU block; brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick; textured concrete</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 4 to 22 Inmates per unit: 4 to 22 Management type: Remote surveillance October 1987 population: 68 Facility commitment: Local jail inmates Means to handle crowding: Beds in dayrooms</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 11% Medium: 89% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 66 Double occupancy: 0 Dorms: 0 Special housing: 42 General population: 66 Total: 108</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 8 Security: 33 Programs/treatment: 1 Maintenance: 0 Total: 42 Current inmate/staff ratio: 1.62:1</p> | <p>Construction process</p> <p>Finance method: Lease Purchase Bonds Contract method: Separate contracts Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Carpet; sealed concrete; vinyl tile Intercom: Two-way to common areas; two-way radio HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Steel; wood Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: High labor costs</p> <p>Factors affecting time schedule: Positive: Coordination of design between parties Negative: Weather problems</p> | |

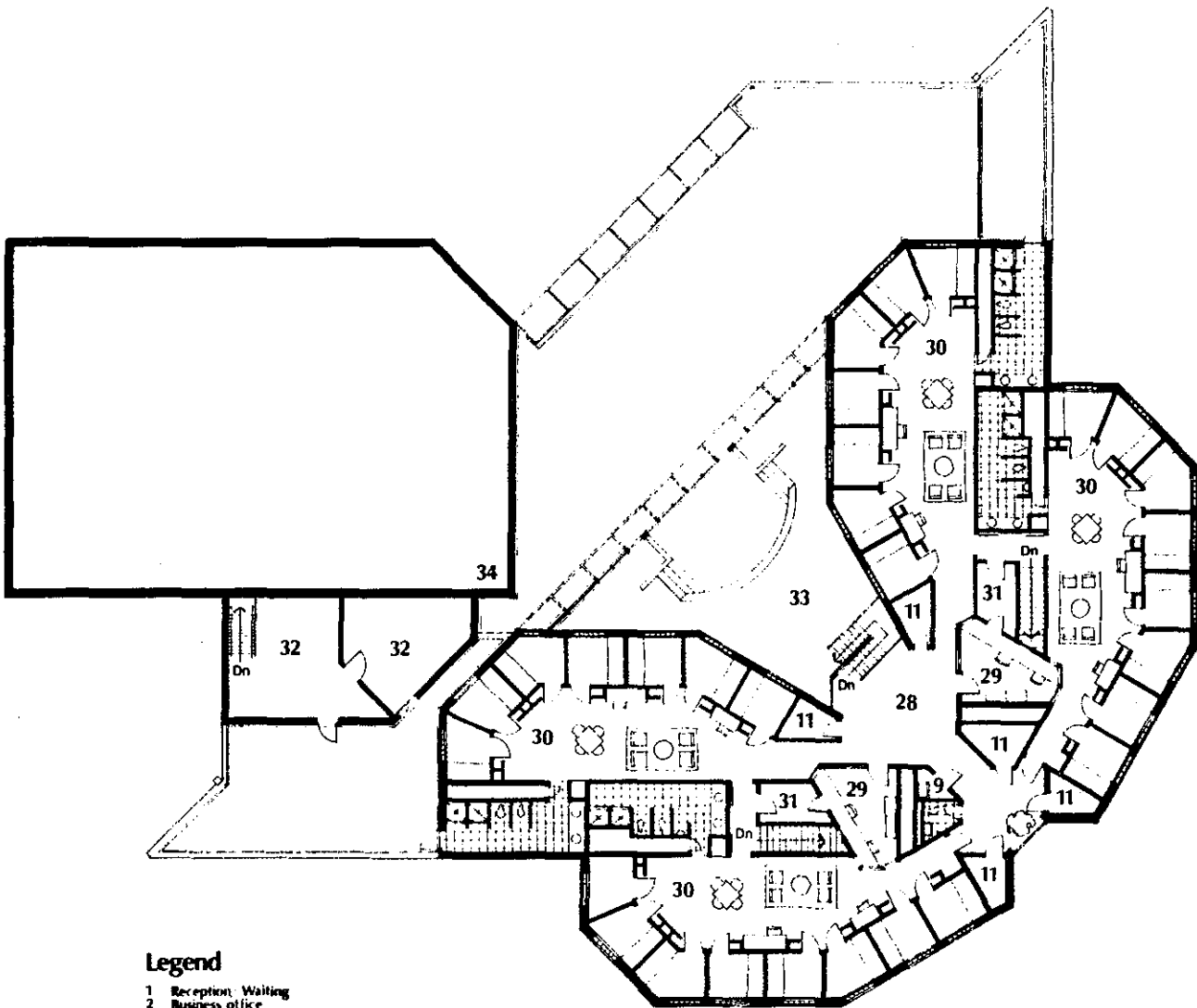
(No floorplan available at time of publication)

Johnson County Juvenile Hall

Jurisdiction official: Herbert Walton, Judge

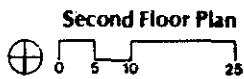
Contact: Jerry Jacobson, Director, Johnson County Juvenile Hall, 915 West Spruce, Olathe, KS 66061, 913-764-7411
Architect: Abend Singleton Associates, 20 West Ninth Street, Kansas City, MO 64105, 816-221-5011
Construction manager: None

| | | |
|---|---|--|
| <p>Groundbreaking: May 1978 Finish date: May 1980 Construction time: 24 months</p> | <p>Design capacity: 34 Total cost: \$1,700,000 Total annual operating costs: \$697,594</p> | <p>Category: New, independent facility Facility type: Juvenile detention facility Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$1,700,000 Building only: Unknown Housing area: \$554,200 Housing per inmate: \$16,300 Housing per cell: \$16,300 Total per inmate: \$50,000 Total per GSF: \$68.55 Total annual operating costs: \$697,594</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 24,800 Gross square feet/other: 0 Gross square feet/total: 24,800 Housing area square feet: 6,990 Gross square feet per inmate: 729 Size of cells: 56 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 7 and 8 Inmates per unit: 7 and 8 Management type: Remote surveillance October 1985 population: 18 Facility commitment: Juvenile detainees Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Single fence at exercise yard; alarm/detection system Inmate security level: Maximum: Design, 100% Medium: Use, varies Minimum: Use, varies</p> | <p>Construction type</p> <p>Structural: Concrete block Exterior walls: Brick and block Interior walls: Painted masonry; brick in privileged area Exterior surface/facade: Brick and glazed block</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; rooftop heating unit Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for cells and common areas; sprinklers</p> | <p>Inmate design capacity</p> <p>Single occupancy: 30 Double occupancy: 0 Dorms: 0 Other: 4 Special housing: 0 General population: 34 Total: 34</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 21 Programs/treatment: 3 Maintenance: 4 Total: 30 Current inmate/staff ratio: .60:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: None</p> <p>Factors affecting time schedule: Positive: None Negative: Local decisionmaking process</p> |



Legend

- 1 Reception/Waiting
- 2 Business office
- 3 Superintendent's
- 4 Conference room
- 5 Medical examination
- 6 Holding
- 7 Lockers
- 8 Intake office
- 9 Janitor
- 10 Sally port
- 11 Storage
- 12 Refuse
- 13 Kitchen
- 14 Dining
- 15 Classroom
- 16 Office
- 17 Laundry
- 18 Folding room
- 19 Vending
- 20 Privileged area
- 21 Supervised activity
- 22 Programmer
- 23 Counseling
- 24 Visitation
- 25 Gymnasium
- 26 Judge's office
- 27 Hearing room
- 28 Commons
- 29 Controller
- 30 Group center
- 31 Linen supply
- 32 Mechanical
- 33 Privileged area below
- 34 Gymnasium area below



Kansas State Penitentiary (Phase One) (Addition)

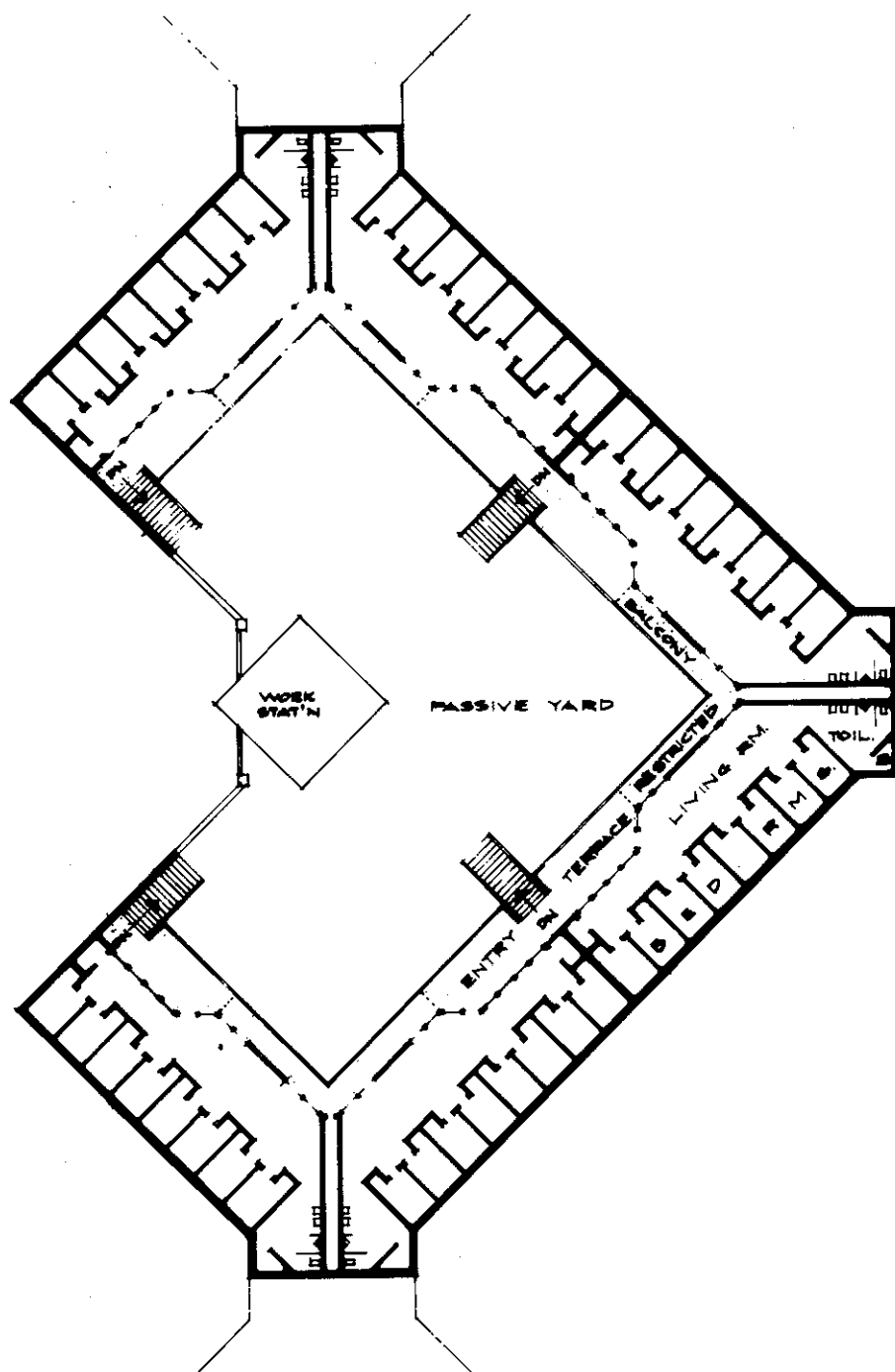
Jurisdiction official: Richard A. Mills, Secretary, Department of Corrections

Contact: Herb Maschner, Director, Kansas State Penitentiary, Medium Security Facility, P.O. Box 2, Lansing, KS 66043, 913-727-3235

Architect: Horst-Terrill-Karst, Architects, P.A., 2900 MacVicar Avenue, Topeka, KS 66611, 913-266-5373

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: September 1982 Finish date: July 1985 Construction time: 35 months</p> | <p>Design capacity: 288 Total cost: \$10,700,000 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building; phased project (future) Facility type: State prison Building configuration: Courtyard; clusters</p> |
| <p>Costs</p> <p>Total: \$10,700,000 Building only: \$7,850,000 Housing area: \$5,200,000 Housing per inmate: \$18,056 Housing per cell: \$18,056 Total per inmate: \$37,153 Total per GSF: \$70.26 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 152,300 Gross square feet/other: 0 Gross square feet/total: 152,300 Housing area square feet: 76,150 Gross square feet per inmate: 529 Size of cells: 60 square feet (single) Net/gross square feet: 76%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 12 Inmates per unit: 96 Management type: Remote surveillance October 1985 population: 213 Facility commitment: Sentenced State prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm detection systems; razor wire on fence; towers; patrols Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Structural: Cast-in-place concrete frame; bearing walls Exterior walls: Precast panels; CIP concrete; CMU block; architectural precast Interior walls: CIP concrete; CMU block Exterior surface/facade: Stucco; paint</p> | <p>Construction process</p> <p>Finance method: Revenue sharing; State funds Contract method: Conventional Use of inmate labor: Extensive Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; steel Doors/type: Swinging Doors/locking: Manual locking cells; electric/mechanical all ext. doors Floor surface: Epoxy coating; sealed concrete Intercom: Two-way to common areas; security communications intercom HVAC: Heating/air circulation only; central boilers Plumbing: China Furniture: Wood; vinyl/plastic Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 288 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 288 Total: 288</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 14 Security: 76 Programs/treatment: 8 Maintenance: N/A Total: 98 (addition only) Current inmate/staff ratio: 2.17:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; less expensive materials and hardware Negative: Slow construction, lengthy building time; government procedures, regulations, "red tape"; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: None Negative: Government procedures, regulations, "red tape"; complex electronic, mechanical, and electrical systems; four contractor defaults</p> |



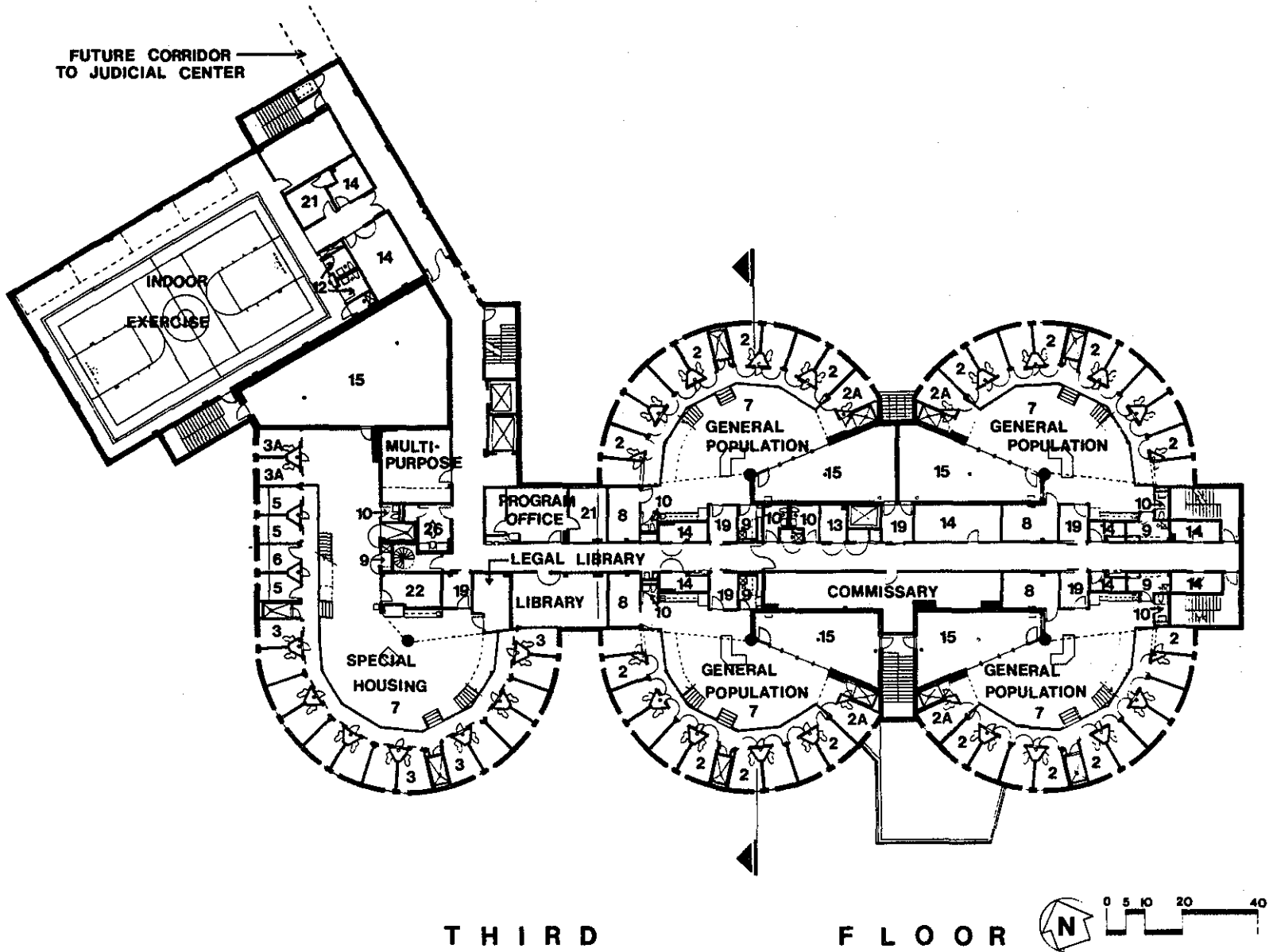
SECOND FLOOR PLAN

Shawnee County Department of Corrections

Jurisdiction official: Earl Hindman, Director, Department of Corrections

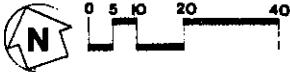
Contact: Earl Hindman, Director, Shawnee County Department of Corrections, 501 East 8th Street, Topeka, KS 66607, 913-291-4073
Architect: Slemmons Associates Architects, P.A., Suite 1515, One Townsite Plaza, Topeka, KS 66603, 913-235-9244
Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: August 1985 Finish date: September 1987 Construction time: 25 months</p> | <p>Design capacity: 190 Total cost: \$14,407,900 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: Complex: county jail, city jail, work release center, admin. offices Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$14,407,900 Building only: \$14,322,365 Housing area: \$10,806,000 Housing per inmate: \$77,186 Housing per cell: \$77,186 Total per inmate: \$75,831 Total per GSF: \$115.48 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 124,765 Gross square feet/other: 0 Gross square feet/total: 124,765 Housing area square feet: 84,000 Gross square feet per inmate: 657 Size of cells: 70 square feet (single); 180 (spec. dorms) Net/gross square feet: 84%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 20 Inmates per unit: 20 Management type: Direct supervision November 1987 population: 138 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection systems; video camera surveillance Inmate security level: Maximum: 74% Medium: 0 Minimum: 21% Other: 5%</p> | <p>Structural: Steel frame; cast-in-place concrete frame Exterior walls: Cast-in-place concrete, CMU block Interior walls: Cast-in-place concrete; CMU block; steel cell ceilings Exterior surface/facade: Brick; paint; painted concrete; stone</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; wooden Doors/type: Swinging Doors/locking: Unknown Floor surface: Sealed concrete Intercom: Two-way to cells HVAC: Air conditioning; gas boilers; centrifugal chiller Plumbing: Stainless combination unit Furniture: Steel; particle board with laminate; steel mesh Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations; smoke evacuation system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 140 Double occupancy: 0 Dorms: 0 Special housing: 50 General population: 140 Total: 190</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 8 Security: 33 Programs/treatment: 0 Maintenance: 1 Total: 42 Current inmate/staff ratio: 3.29:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Government procedures, regulations, and red tape; complex electronic and mechanical systems; expensive security components and cell plumbing</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; good weather Negative: Slow responses and delivery from vendors, suppliers; government procedures, regulations, and red tape; complex electronic, mechanical, and electrical systems</p> |



T H I R D

F L O O R



Federal Correctional Institution (Addition)

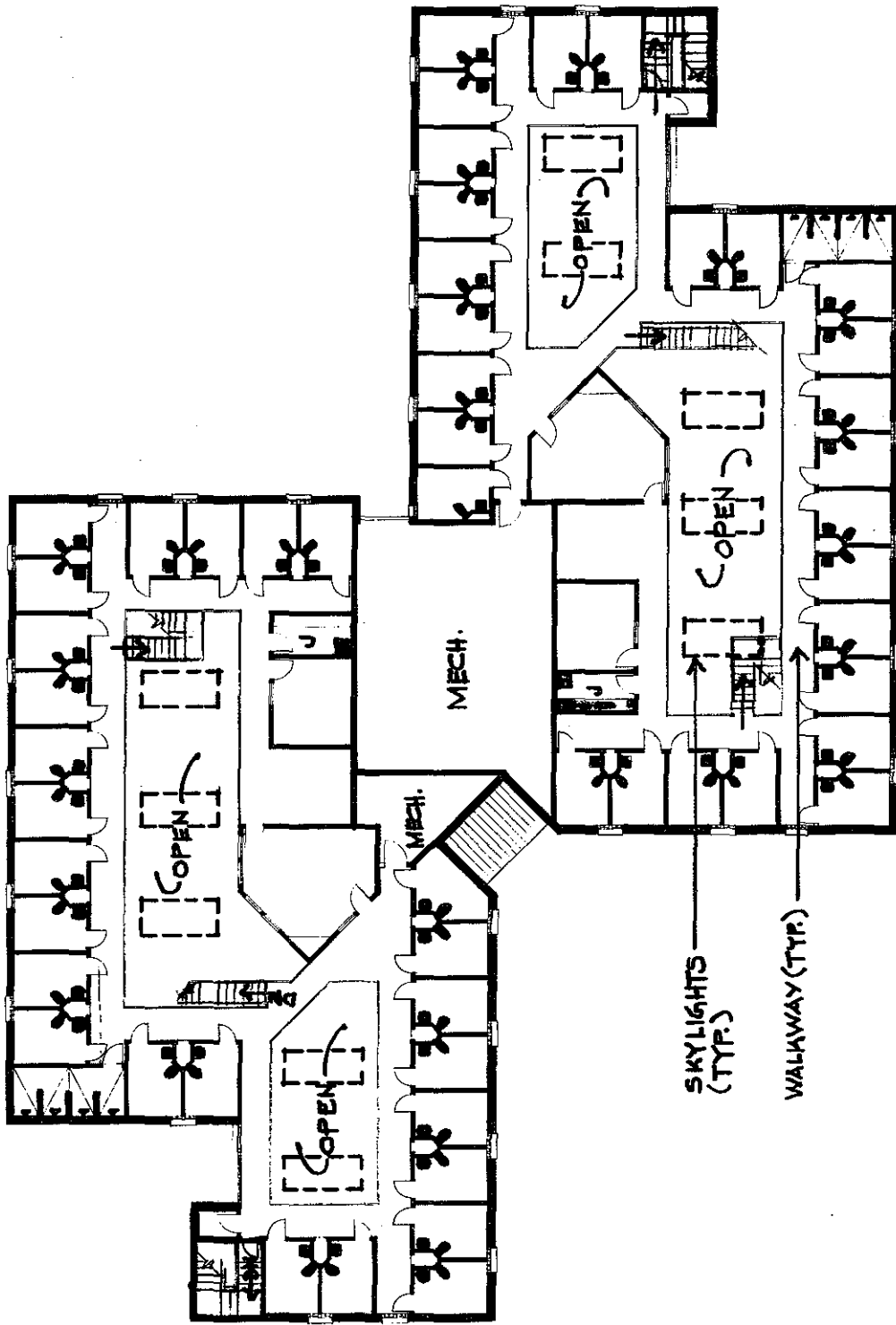
Jurisdiction official: J. Michael Quinlan, Director, Bureau of Prisons

Contact: Warden Bill R. Story, Federal Correctional Institution, P.O. Box 888, Ashland, KY 41101, 606-928-6414

Architect: Design Group Inc., Architects/Planners, 1080 Kingsmill Parkway, Columbus, OH 43229, 614-888-6390

Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: December 1983 Finish date: November 1985 Construction time: 23 months</p> | <p>Design capacity: 100 Total cost: \$1,753,000 Total annual operating costs: \$418,310 (addition only)</p> | <p>Category: New, ancillary building Facility type: Federal prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,753,000 Building only: \$1,703,000 Housing area: \$1,703,000 Housing per inmate: \$17,030 Housing per cell: \$17,030 Total per inmate: \$17,530 Total per GSF: \$80.44 Total annual operating costs: \$418,310 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 21,792 Gross square feet/other: 0 Gross square feet/total: 21,792 Housing area square feet: 21,792 Gross square feet per inmate: 218 Size of cells: 68 square feet (single) Net/gross square feet: 75%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod; cells on outside walls (direct light) Cells per unit: 100 Inmates per unit: 100 Management type: Remote surveillance March 1987 population: 193 Facility commitment: Federal prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Single fence; triple fence; razor wire on and between fences; patrols Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load-bearing CMU, flexicore floor slabs Exterior walls: Precast panels; CMU block; brick Interior walls: Precast panels; CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Federal funds Contract method: Conventional Use of inmate labor: Limited; painting Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Epoxy coating; sealed concrete Intercom: Unknown HVAC: Air conditioning; heating/air circulation; gas heat; 2 boilers; low pressure forced draft burner; 3 air handlers Plumbing: China Furniture: Unknown Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations; duct mounted heat detectors</p> | <p>Inmate design capacity</p> <p>Single occupancy: 100 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 100 Total: 100</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 3 Security: 5 Programs/treatment: 4 Maintenance: 0 Total: 12 (addition only) Current inmate/staff ratio: 16.08:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple con. methods, repetitiveness of design; masonry bearing walls; flexicore deck and roof slab; design of open day spaces—no suspended ceiling required except offices and under 2nd floor walkways Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple con. methods, repetitiveness of design; advanced order of materials and hardware Negative: Labor problems; default of initial masonry contractor; controlled access into site</p> |



SECOND FLOOR PLAN



Knox County Jail

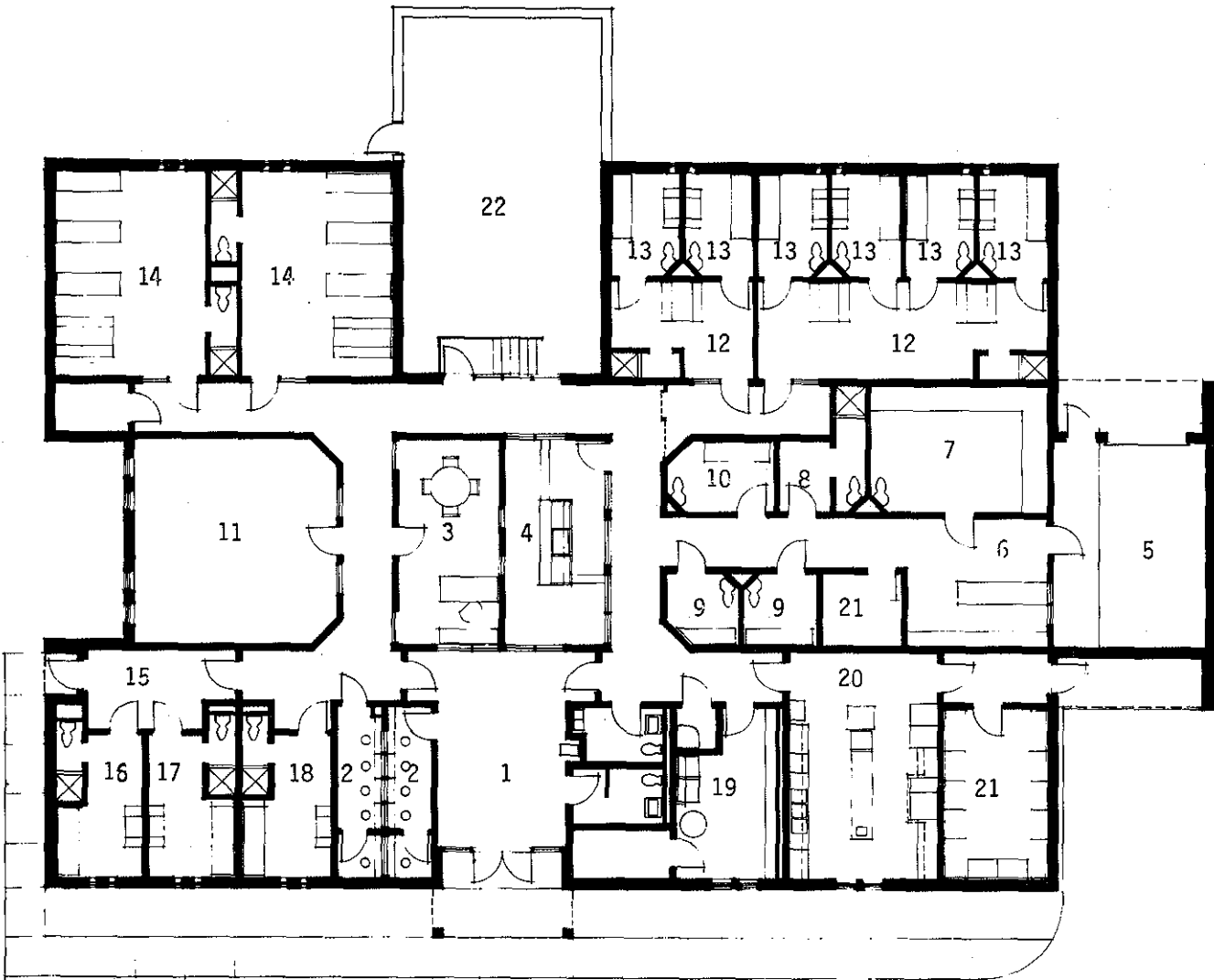
Jurisdiction official: Wilbur Bingham, Sheriff

Contact: Ned Stewart, Jailer, Knox County Jail, Barbourville, KY 40906, 606-546-6215

Architect: Chrisman, Miller, Woodford, Inc., 326 South Broadway, Lexington, KY 40508, 606-254-6623

Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: January 1984 Finish date: November 1984 Construction time: 10 months</p> | <p>Design capacity: 37 Total cost: \$666,000 Total annual operating costs: \$284,115</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$666,000 Building only: \$573,097 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$18,000 Total per GSF: \$91.23 Total annual operating costs: \$284,115</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 7,300 Gross square feet/other: 0 Gross square feet/total: 7,300 Housing area square feet: 2,190 Gross square feet per inmate: 197 Size of cells: 70 square feet (single) Net/gross square feet: 90%</p> <p>Construction type</p> <p>Structural: Load bearing masonry Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Stucco; textured concrete block</p> <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 18 Dorms: 12 Special housing: 7 General population: 30 Total: 37</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 7 Programs/treatment: 1 Maintenance: 1 Total: 11 Current inmate/staff ratio: 4.09:1</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 2 to 4 Inmates per unit: 12 Management type: Intermittent surveillance October 1985 population: 45 Facility commitment: Local jail inmates and State prisoners Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 40% Medium: 20% Minimum: 40%</p> | | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete; vinyl tile Intercom: Two-way to cells and common areas HVAC: Air conditioning; gas rooftop heating unit Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; fire emergency auto release (FEAR) for electric locks</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Conventional construction materials and systems; good competition, favorable market Negative: Delivery of materials and hardware</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from security equipment suppliers; weather problems</p> |



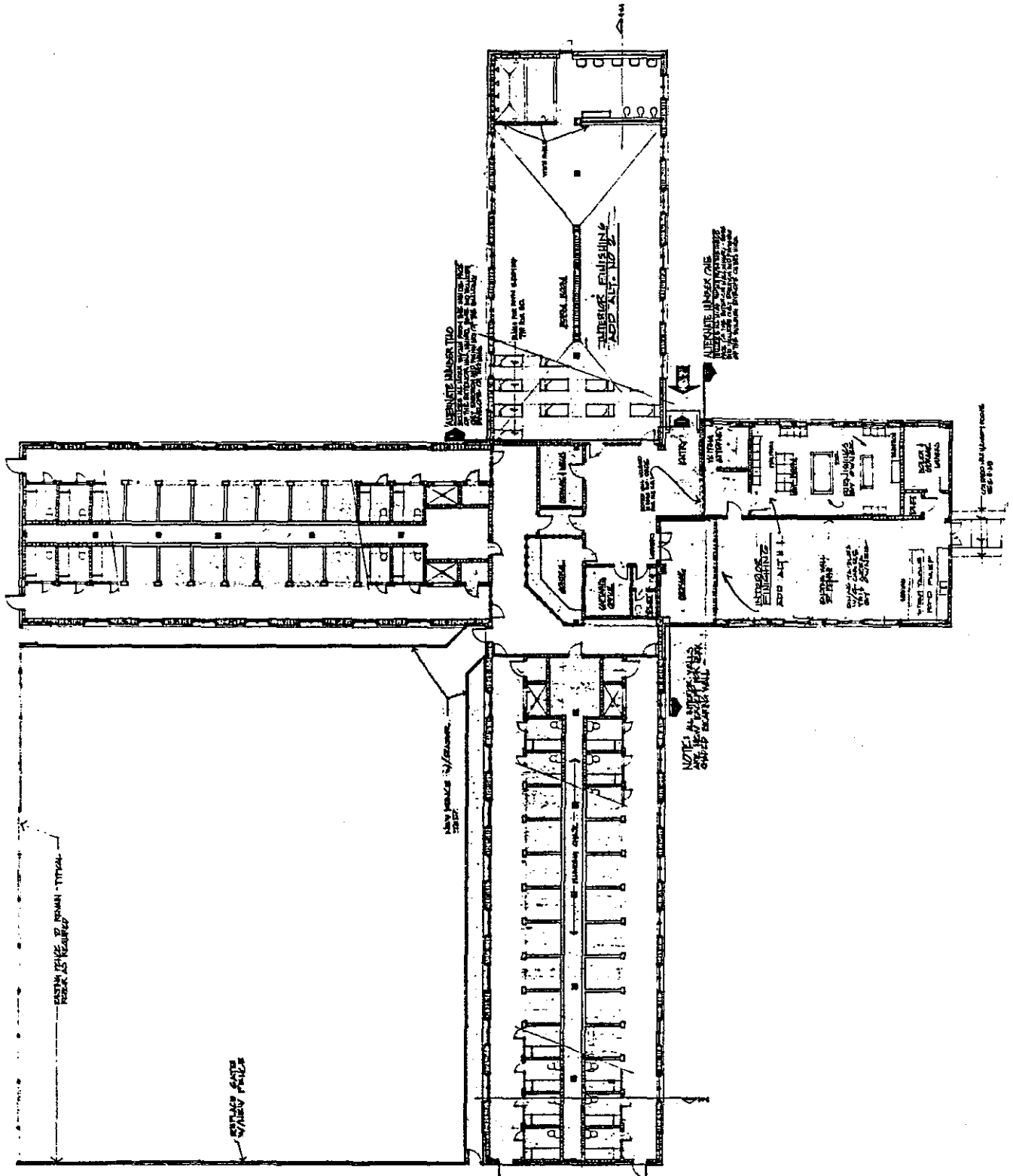
- LEGEND
- 1. Lobby
 - 2. Visitation
 - 3. Office
 - 4. Control Room
 - 5. Sallyport
 - 6. Booking
 - 7. Detox
 - 8. Search/Shower
 - 9. Holding
 - 10. Medical Exam
 - 11. Multipurpose
 - 12. Dayroom
 - 13. 2 Bed Cell
 - 14. Dormitory
 - 15. Juvenile Booking
 - 16. Juvenile Male
 - 17. Juvenile Female
 - 18. Adult Female
 - 19. Laundry
 - 20. Kitchen
 - 21. Storage
 - 22. Outdoor Exercise

Dixon Correctional Institute (Remodel)

Jurisdiction official: C. Paul Phelps, Secretary, Department of Public Safety and Corrections

Contact: Warden Burl Cain, Dixon Correctional Institute, Highway 68, P.O. Box 788, Jackson, LA 70748, 504-634-2691
Architect: Newman and Grace Architects, Inc., 2532 Toulon Drive, Baton Rouge, LA 70816, 504-292-1210
Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: November 1983 Finish date: January 1985 Construction time: 14 months</p> | <p>Design capacity: 100 Total cost: \$1,135,427 Total annual operating costs: \$1,475,400</p> | <p>Category: Remodeling/renovation project Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$1,135,427 Building only: \$1,135,427 Housing area: \$1,135,427 Housing per inmate: \$11,354 Housing per cell: \$22,263 Total per inmate: \$11,354 Total per GSF: \$66.95 Total annual operating costs: \$1,475,400</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 16,960 Gross square feet/other: 0 Gross square feet/total: 16,960 Housing area square feet: 16,960 Gross square feet per inmate: 170 Size of cells: 65 square feet (single); 3,240 (dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 50 Inmates per unit: 50 Management type: Intermittent surveillance January 1987 population: 100 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence; patrols Inmate security level: Maximum: 50% Medium: 0 Minimum: 50%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: Limited; demolition work prior to construction Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Heating/air circulation; gas heat Plumbing: Stainless combination unit Furniture: Steel; concrete Fire protection: Smoke detectors and sprinklers for cells and common areas; automatic fire alarm</p> | <p>Inmate design capacity</p> <p>Single occupancy: 50 Double occupancy: 0 Dorms: 50 Special housing: 0 General population: 100 Total: 100</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 24 Programs/treatment: 0 Maintenance: 0 Total: 28 Current inmate/staff ratio: 3.57:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Inmates did some of the demolition</p> |



Federal Detention Center

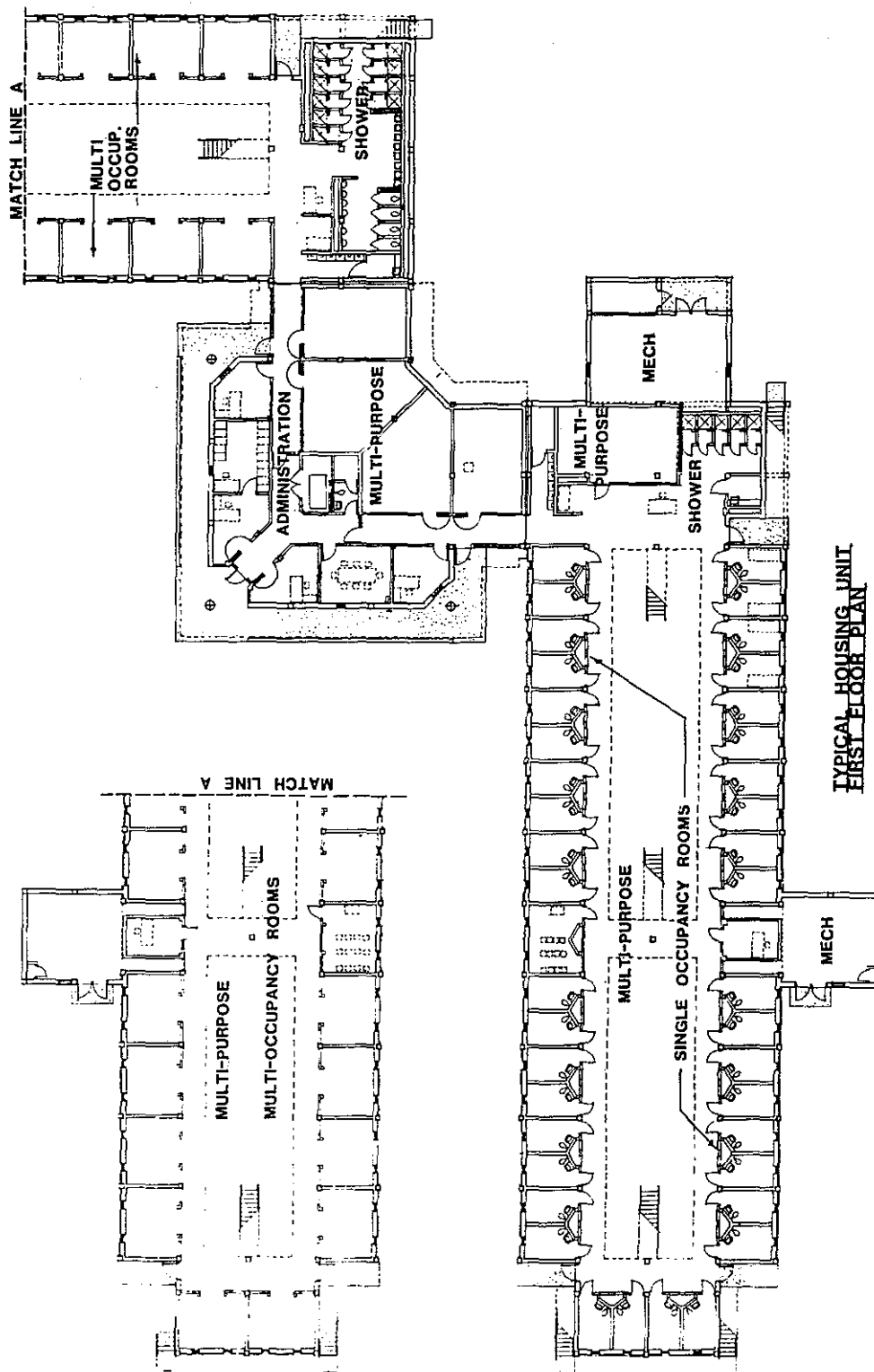
Jurisdiction official: J. Michael Quinlan, Director, Bureau of Prisons

Contact: Warden J.R. Johnson, Federal Detention Center, P.O. Box 5050, East Whatley Road, Oakdale, LA 71463, 318-335-4070

Architect: Barron, Heinberg & Brocato, P.O. Box 1952, 1015 Wisteria Street, Alexandria, LA 71301, 318-443-7291

Construction manager: Jose Barron, Jr., P.O. Box 930, Oakdale, LA 71463-0930, 318-335-4070

| | | |
|--|---|--|
| <p>Groundbreaking: July 1984 Finish date: March 1986 Construction time: 20 months</p> | <p>Design capacity: 907 Total cost: \$16,823,295 Total annual operating costs: \$10,400,000</p> | <p>Category: New, independent facility Facility type: Complex: Federal detention center, law enforcement, courts Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$16,823,295 Building only: \$13,132,275 Housing area: \$6,966,178 Housing per inmate: \$7,723 Housing per cell: \$24,272 Total per inmate: N/A (complex) Total per GSF: \$73.81 Total annual operating costs: \$10,400,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 183,381 Gross square feet/other: 44,540 Gross square feet/total: 227,921 Housing area square feet: 126,186 Gross square feet per inmate: 202 Size of cells: 95 square feet (single); 190 square feet (dorm) Net/gross square feet: 95%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 1 wing 82; 5 wings 41 Inmates per unit: 82; 164 Management type: Direct supervision October 1985 population: N/A Facility commitment: Federal prisoners Means to handle crowding: None needed</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection systems; patrols Inmate security level: Maximum: None Medium: 16% Minimum: 84%</p> | <p>Structural: Cast-in-place concrete frame; preengin. metal; comb. wall bearing/steel frame Exterior walls: Precast panels; cast-in-place concrete; CMU block; metal roof, windows Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Painted block; preengin. metal/prefinished</p> | <p>Construction process</p> <p>Finance method: Federal funds Contract method: Conventional; general contract (lump sum) Use of inmate labor: None Use of prefabrication: Limited; precast concrete wall panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden (single); no doors (dorms) Doors/type: Swinging Doors/locking: Manual Floor surface: Sealed concrete Intercom: One-way to common areas HVAC: Air conditioning; boiler, natural gas fired Plumbing: China; combination unit in special cells Furniture: Wood Fire protection: Smoke detectors for common areas; sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 82 Double occupancy: 0 Dorms: 820 Special housing: 5 General population: 902 Total: 907</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 45 Security: 98 Programs/treatment: 48 Maintenance: 25 Total: 216 Current inmate/staff ratio: N/A</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; less expensive materials and hardware; simple construction methods, repetitiveness of design Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties; efficient contractor Negative: Labor problems; weather problems/initial poor drainage</p> |



Feliciana Forensic Facility (Addition)

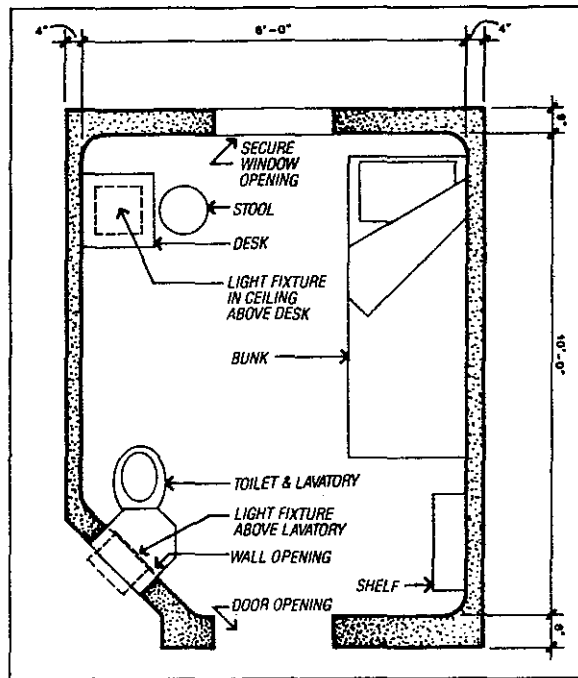
Jurisdiction official: Sandra L. Robinson, M.D., M.P.H., Department of Health and Human Resources

Contact: Murry Henderson, Administrator, Feliciana Forensic Facility, P.O. Box 888, Jackson, LA 70748, 504-634-2651

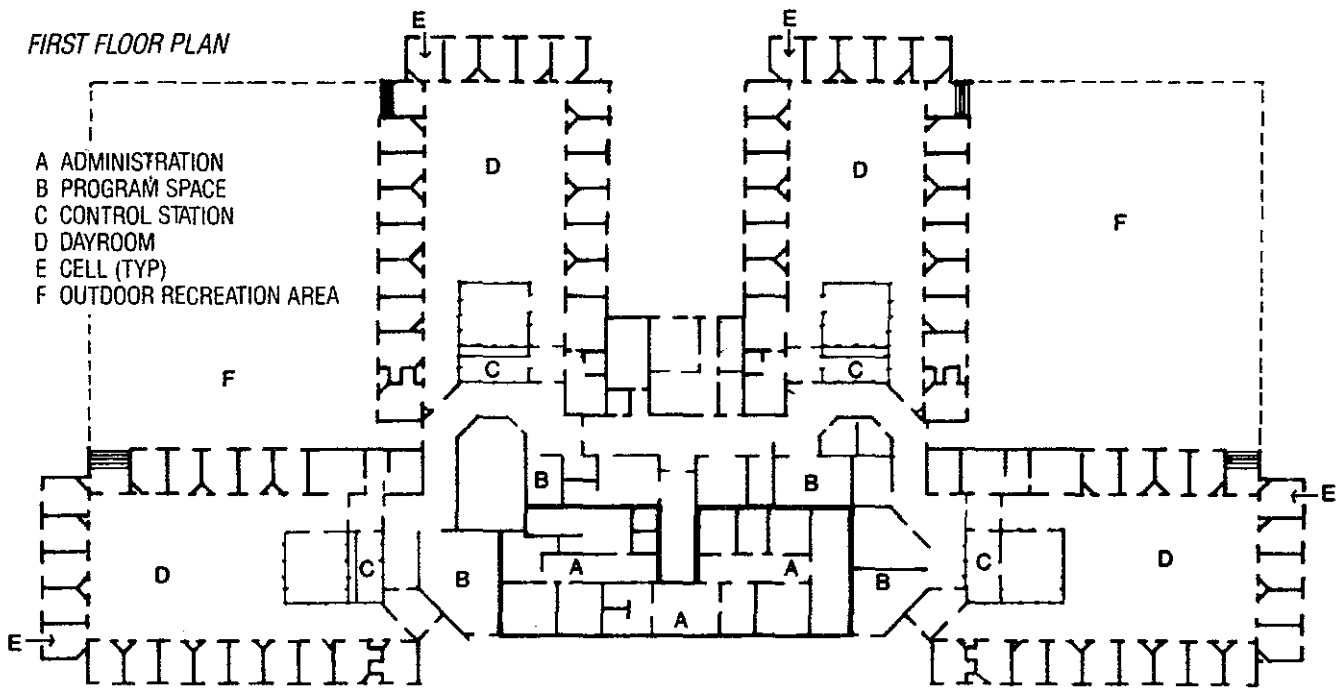
Architect: Lasseigne & Legett, AIA, Architects, Inc., 554 Colonial Drive, Baton Rouge, LA 70806, 504-926-1432

Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: April 1982 Finish date: May 1984 Construction time: 24 months</p> | <p>Design capacity: 75 Total cost: \$3,647,164 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: Complex: State prison, courts, forensic hospital Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,647,164 Building only: \$3,600,000 Housing area: \$2,637,582 Housing per inmate: \$35,168 Housing per cell: \$35,168 Total per inmate: N/A (complex) Total per GSF: \$126.54 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 23,696 Gross square feet/other: 5,126 Gross square feet/total: 28,822 Housing area square feet: 21,696 Gross square feet per inmate: 316 Size of cells: 80 square feet (single) Net/gross square feet: 96%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside; module/pod Cells per unit: 19 Inmates per unit: 19 Management type: Remote surveillance October 1985 population: 72 Facility commitment: State prisoners Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Double fence; towers; patrols Inmate security level: Maximum: 75% Medium: 0 Minimum: 25%</p> | <p>Structural: Load bearing precast cell modules Exterior walls: Brick; architectural precast Interior walls: Precast cell modules; CIP concrete; CMU block; brick Exterior surface/facade: Brick</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive, precast cell units</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Linoleum Intercom: Two-way to common areas HVAC: Air conditioning; boiler Plumbing: Stainless steel Furniture: Steel Fire protection: Sprinklers for cells and common areas</p> | <p>Single occupancy: 75 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 75 Total: 75</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 17 Security: 50 Programs/treatment: 10 Maintenance: 16 Total: 93 (addition only) Current inmate/staff ratio: .77:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design Negative: High labor costs; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design, advanced order of materials and hardware; coordination of design between parties Negative: Weather problems; complex electronic, mechanical, and electrical systems</p> |



FIRST FLOOR PLAN

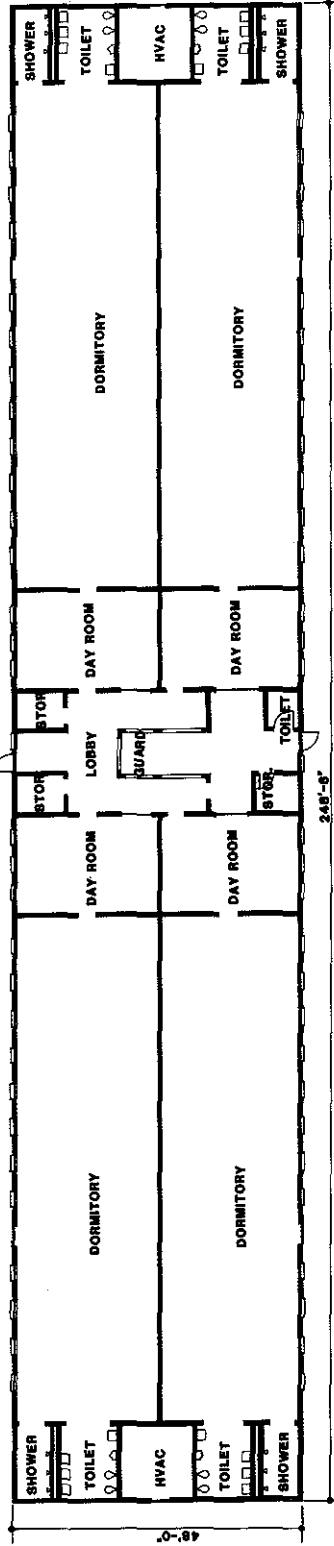
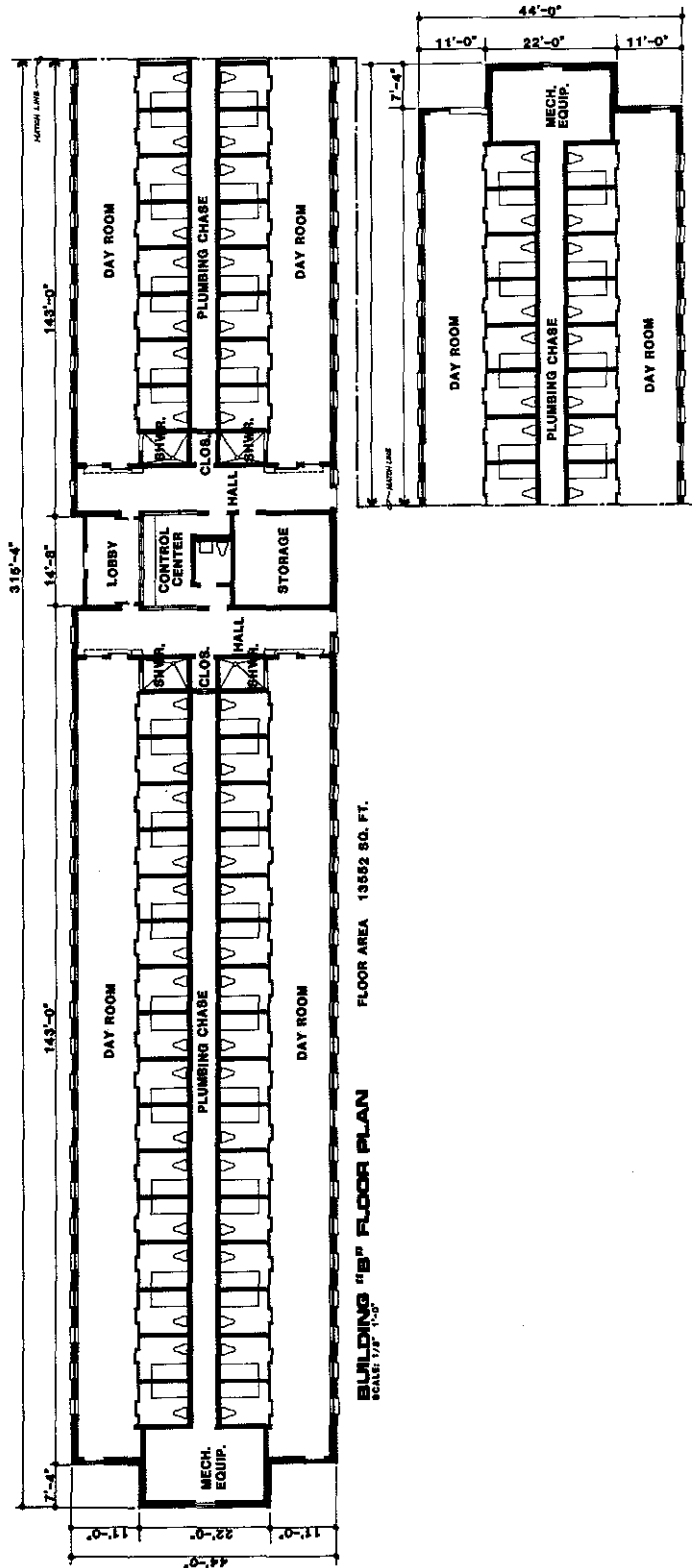


Hunt Correctional Center (Addition)

Jurisdiction official: C. Paul Phelps, Secretary, Department of Public Safety and Corrections

Contact: John P. Whitley, Corrections Warden III, Hunt Correctional Center, P.O. Box 174, St. Gabriel, LA 70776, 504-642-3306
Architect: Alpha Three, 253 St. Joseph Street, P.O. Box 843, Baton Rouge, LA 70821, 504-383-7565
Construction manager: None

| | | |
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| <p>Groundbreaking: September 1984 Finish date: November 1985 Construction time: 14 months</p> | <p>Design capacity: 744 Total cost: \$6,571,257 Total annual operating costs: \$3,800,000 (addition only)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Ladder, telephone pole; covered walkways to connect buildings</p> |
| <p>Costs</p> <p>Total: \$6,571,257 Building only: \$6,414,358 Housing area: \$6,414,358 Housing per inmate: \$8,621 Housing per cell: \$19,797 Total per inmate: \$8,832 Total per GSF: \$89.40 Total annual operating costs: \$3,800,000 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 73,505 Gross square feet/other: 0 Gross square feet/total: 73,505 Housing area square feet: 73,505 Gross square feet per inmate: 99 Size of cells: 66 square feet (double); 1,244 (dorm) Net/gross square feet: 85%</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 64 Inmates per unit: 128 Management type: Intermittent surveillance July 1986 population: 743 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; double fence; alarm/detection systems; razor wire on and between fences; towers; patrols Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load bearing masonry Exterior walls: CMU block; precast panel roof Interior walls: CMU block Exterior surface/facade: Paint</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning; heating/air circulation; solar heat; hot water to air handlers Plumbing: Stainless steel; stainless combination unit Furniture: Steel; concrete Fire protection: Smoke detectors for cells and common areas; automatic alarm</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 640 Dorms: 104 Special housing: 0 General population: 744 Total: 744</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 10 Security: 160 Programs/treatment: 8 Maintenance: N/A Total: 178 (addition only) Current inmate/staff ratio: 4.17:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction method, repetitiveness of design Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; experience in design and construction of this type of facility Negative: None</p> |



Louisiana Correctional Institute for Women (Addition)

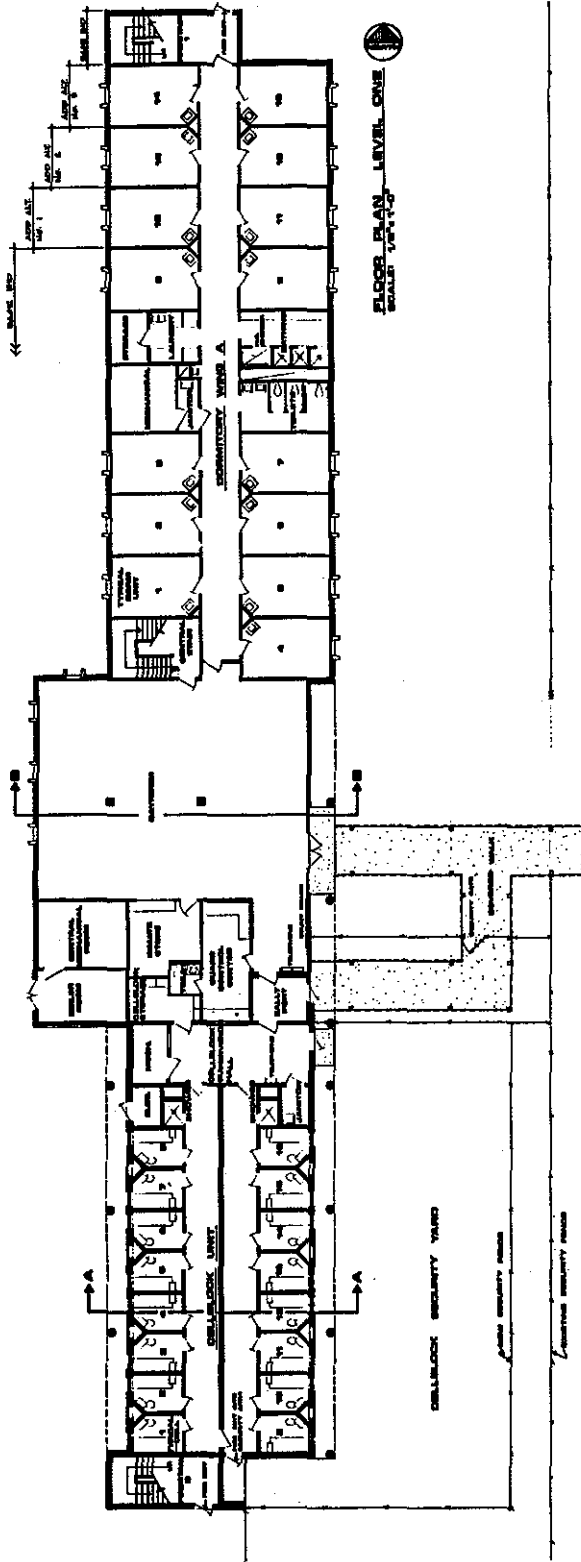
Jurisdiction official: C. Paul Phelps, Secretary, Department of Public Safety and Corrections

Contact: Warden Johnnie W. Jones, Louisiana Correctional Institute for Women, Highway 74, P.O. Box 26, St. Gabriel, LA 70776, 504-342-6297

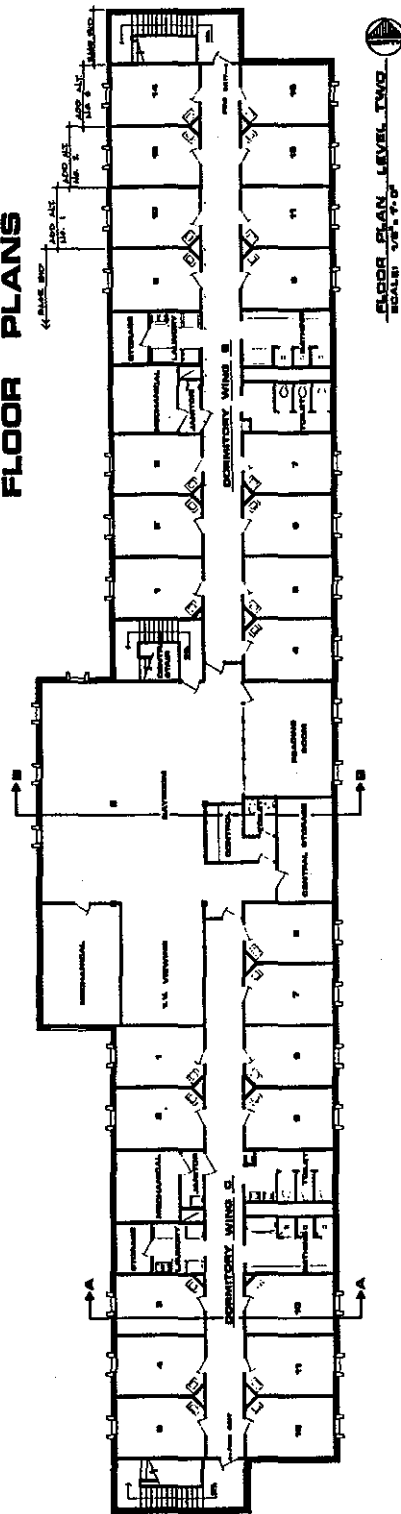
Architect: Newman and Grace Architects, Inc., 2532 Toulon Drive, Baton Rouge, LA 70816, 504-292-1210

Construction manager: None

| | | |
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| <p>Groundbreaking: November 1979 Finish date: December 1980 Construction time: 13 months</p> | <p>Design capacity: 100 Total cost: \$1,373,421 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison (women's facility) Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,373,421 Building only: \$1,360,521 Housing area: \$1,360,521 Housing per inmate: \$16,197 Housing per cell: \$32,393 Total per inmate: \$13,605 Total per GSF: \$74.61 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 18,407 Gross square feet/other: 0 Gross square feet/total: 18,407 Housing area square feet: 18,407 Gross square feet per inmate: 184 Size of cells: 145 square feet (double); 63 (spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 58 Inmates per unit: 100 Management type: Combination of intermittent and remote surveillance July 1986 population: 389 (entire facility) Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; patrols; double "V" barbed wire top Inmate security level: Maximum: 16% Medium: 0 Minimum: 84%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick; 6" steel stud cavity wall Interior walls: CMU block; plaster partitions Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Unknown Doors/type: Swinging Doors/locking: Manual locking; remote locking Floor surface: Vinyl tile Intercom: Two-way to common areas HVAC: Air conditioning; gas heat Plumbing: China (min.); stainless steel (max.) Furniture: Steel; wood; vinyl/plastic Fire protection: Smoke detectors for cells and common areas; automatic fire alarms</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 84 Dorms: 0 Special housing: 16 General population: 84 Total: 100</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 8 Security: 137 Programs/treatment: 17 Maintenance: 11 Total: 173 (entire facility) Current inmate/staff ratio: 2.25:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: None</p> |



FLOOR PLANS



Washington Correctional Institute

Jurisdiction official: C. Paul Phelps, Secretary, Department of Public Safety and Corrections

Contact: Warden J.F. Donnelly, Jr., Washington Correctional Institute, Route 2, Box 5, Highway 21, Angie, LA 70426, 504-986-3182

Architect: Cimini-Meric Burns-Counce, 615 Barrone Street, Suite 200, New Orleans, LA 70113, 504-588-9488

Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: December 1980 Finish date: July 1983 Construction time: 31 months</p> | <p>Design capacity: 1,182 Total cost: \$27,316,900 Total annual operating costs: \$9,824,653</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$27,316,900 Building only: \$20,816,000 Housing area: \$9,100,000 Housing per inmate: \$7,765 Housing per cell: \$137,879 Total per inmate: \$23,111 Total per GSF: \$121.64 Total annual operating costs: \$9,824,653</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 224,569 Gross square feet/other: 0 Gross square feet/total: 224,569 Housing area square feet: 113,235 Gross square feet per inmate: 190 Size of cells: 56 square feet (single); 6,800 square feet (dorm) Net/gross square feet: 89%</p> | <p>Inmate housing areas</p> <p>Design: Linear, interior Cells per unit: 1 (dorm) Inmates per unit: 80 Management type: Remote surveillance May 1986 population: 1,120 Facility commitment: State prisoners Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on and between fences; towers Inmate security level: Maximum: 5% Medium: 95% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete; brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: None HVAC: Heating/air circulation; gas heat Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 52 Double occupancy: 0 Dorms: 1,120 Special housing: 10 General population: 1,172 Total: 1,182</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 34 Security: 372 Programs/treatment: 31 Maintenance: 8 Total: 445 Current inmate/staff ratio: 2.52:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Weather problems</p> |

(No floorplan available at time of publication)

Franklin County Detention/Law Enforcement Facility

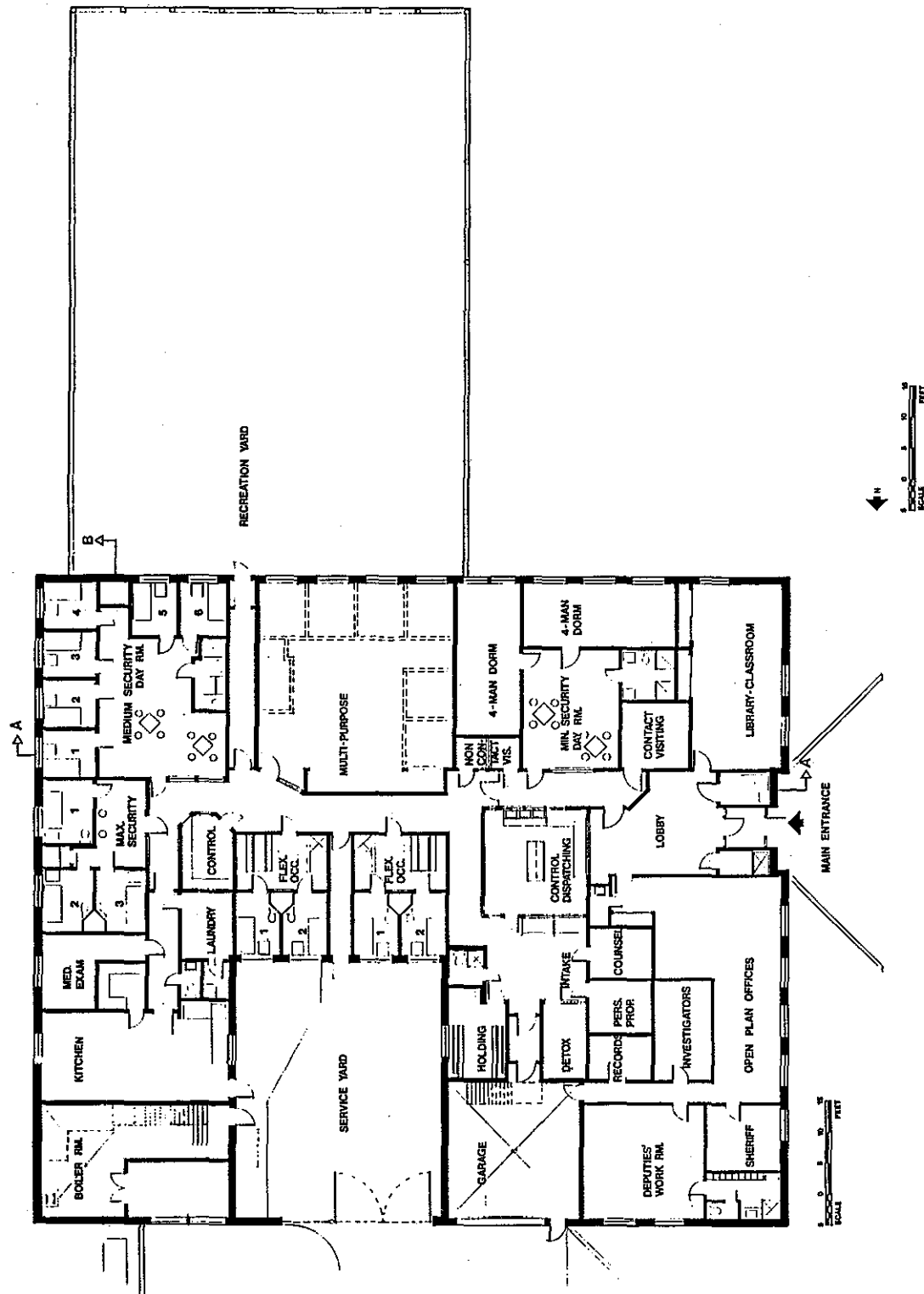
Jurisdiction official: Ronald A. Durrell, Sheriff

Contact: Sheriff Ronald A. Durrell, Franklin County Detention/Law Enforcement Facility, Farmington, ME 04938, 207-778-2680

Architect: Alexander/Truex/de Groot, 209 Battery Street, Burlington, VT 05401, 802-658-2775

Construction manager: None

| | | |
|---|--|--|
| <p>Groundbreaking: May 1982 Finish date: April 1983 Construction time: 11 months</p> | <p>Design capacity: 24 Total cost: \$1,302,000 Total annual operating costs: \$417,188</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,302,000 Building only: \$1,186,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$61.50 Total annual operating costs: \$417,188</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 15,170 Gross square feet/other: 6,000 Gross square feet/total: 21,170 Housing area square feet: 7,500 Gross square feet per inmate: 632 Size of cells: Max. sec. 80 square feet; med. sec. 66.5 square feet Net/gross square feet: 67%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod; combined use cells Cells per unit: 13 Inmates per unit: 13 Management type: Direct supervision October 1985 population: 17 Facility commitment: Local jail inmates and State prisoners Means to handle crowding: Weekend use of multipurpose room; beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Building exterior only; razor wire on fence Inmate security level: Maximum: 12% Medium: 45% Minimum: 33% (plus 10% holding and detox)</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete bearing walls Exterior walls: Brick Interior walls: CMU block in attic spaces; cast-in-place concrete Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote and manual locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning-control room; heating/air circulation; heat recovering wheel; oil-fired boiler Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; air pacs in central control; fire mains and hoses</p> | <p>Inmate design capacity</p> <p>Single occupancy: 13 Double occupancy: 0 Dorms: 8 Special housing: 3 General population: 21 Total: 24</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 12 Programs/treatment: 0 Maintenance: Contractual Total: 14 Current inmate/staff ratio: 1.21:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; early ordering of long lead time components Negative: Complex electronic, mechanical, and electrical systems; government procedures, regulations, "red tape"</p> <p>Factors affecting time schedule: Positive: Advanced order of materials and hardware; simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers</p> |



Baltimore City Correctional Center

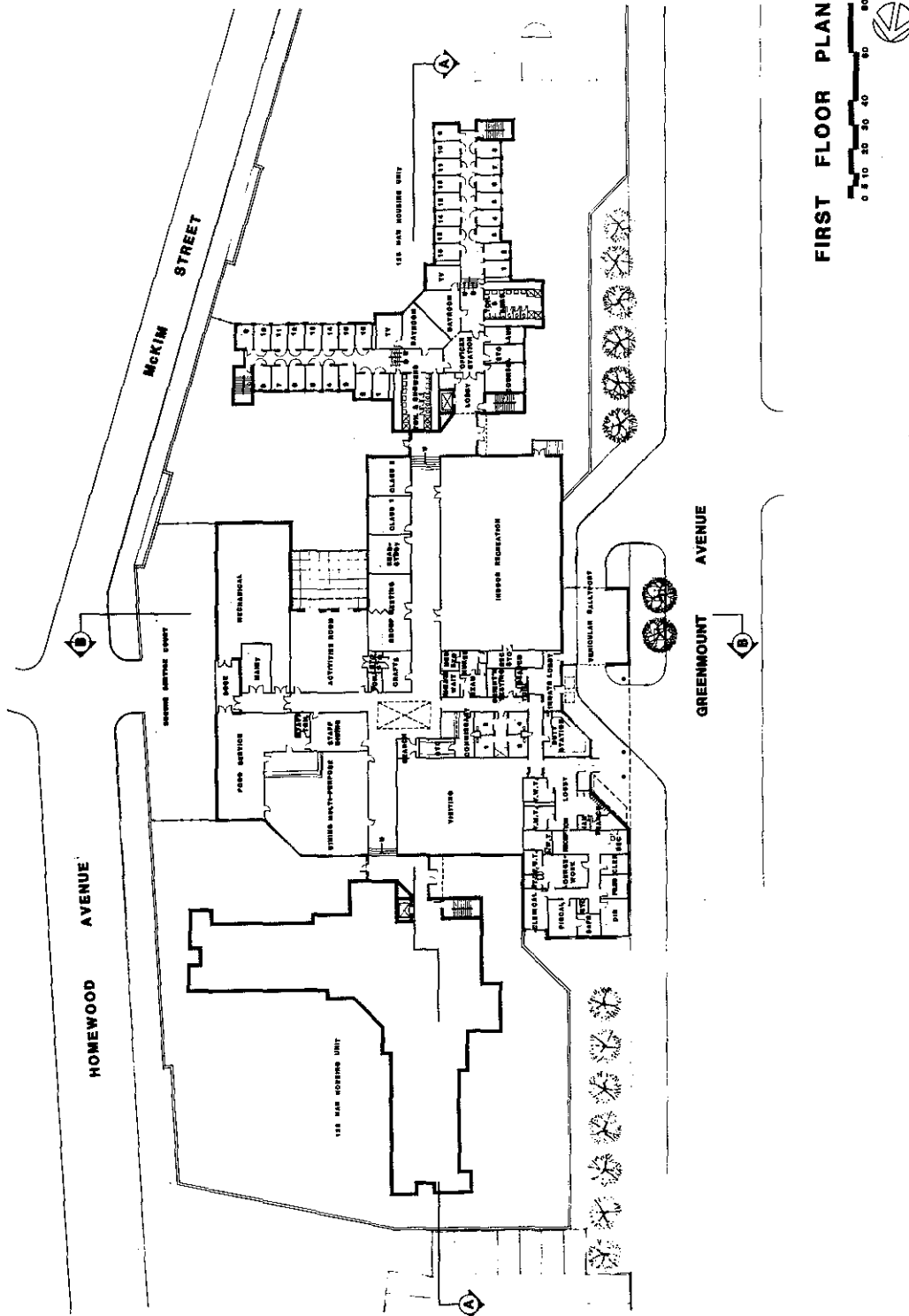
Jurisdiction official: Arnold J. Hopkins, Commissioner, Department of Public Safety and Correctional Services, Division of Correction

Contact: George Redd, Unit Manager, Baltimore City Correctional Center, 901 Greenmount Avenue, Baltimore, MD 21202, 301-234-1400

Architect: Nelson Salabes, Suite 208, 1045 Taylor Avenue, Baltimore, MD 21204, 301-828-6636

Construction manager: Heery Program Management, Inc., 7133 Rutherford Road, Baltimore, MD 21207-2784, 301-944-3700

| | | |
|---|--|---|
| <p>Groundbreaking: May 1982 Finish date: July 1984 Construction time: 26 months</p> | <p>Design capacity: 384 Total cost: \$7,918,000 Total annual operating costs: \$3,758,432</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Integrated structure; wheel</p> |
| <p>Costs</p> <p>Total: \$7,918,000 Building only: \$7,104,348 Housing area: \$4,750,800 Housing per inmate: \$12,372 Housing per cell: \$18,558 Total per inmate: \$20,620 Total per GSF: \$108.47 Total annual operating costs: \$3,758,432</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 73,000 Gross square feet/other: 0 Gross square feet/total: 73,000 Housing area square feet: 55,700 Gross square feet per inmate: 190 Size of cells: Unknown Net/gross square feet: N/A</p> <p>Construction type</p> <p>Structural: Steel frame; CIP concrete frame; load bearing masonry walls Exterior walls: Cast-in-place concrete; CMU block; brick Interior walls: Precast panels; cast-in-place concrete, CMU block Exterior surface/facade: Brick; textured concrete</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 128 Inmates per unit: 192 Management type: Intermittent surveillance October 1985 population: 357 Facility commitment: State prisoners Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior; razor wire on fences Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 128 Double occupancy: 256 Dorms: 0 Special housing: 0 General population: 384 Total: 384</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 22 Security: 74 Programs/treatment: 3 Maintenance: 7 Total: 106 Current inmate/staff ratio: 3.37:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Sealed concrete Intercom: None HVAC: Heating/air circulation only Plumbing: Stainless Furniture: Steel Fire protection: Sprinklers for common areas</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; phased construction, fast track construction management; good competition, favorable market Negative: Slow construction, lengthy building time</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; phased construction, fast track construction management Negative: Slow responses and delivery from vendors, suppliers; labor problems</p> | |



Baltimore City Jail (Addition)

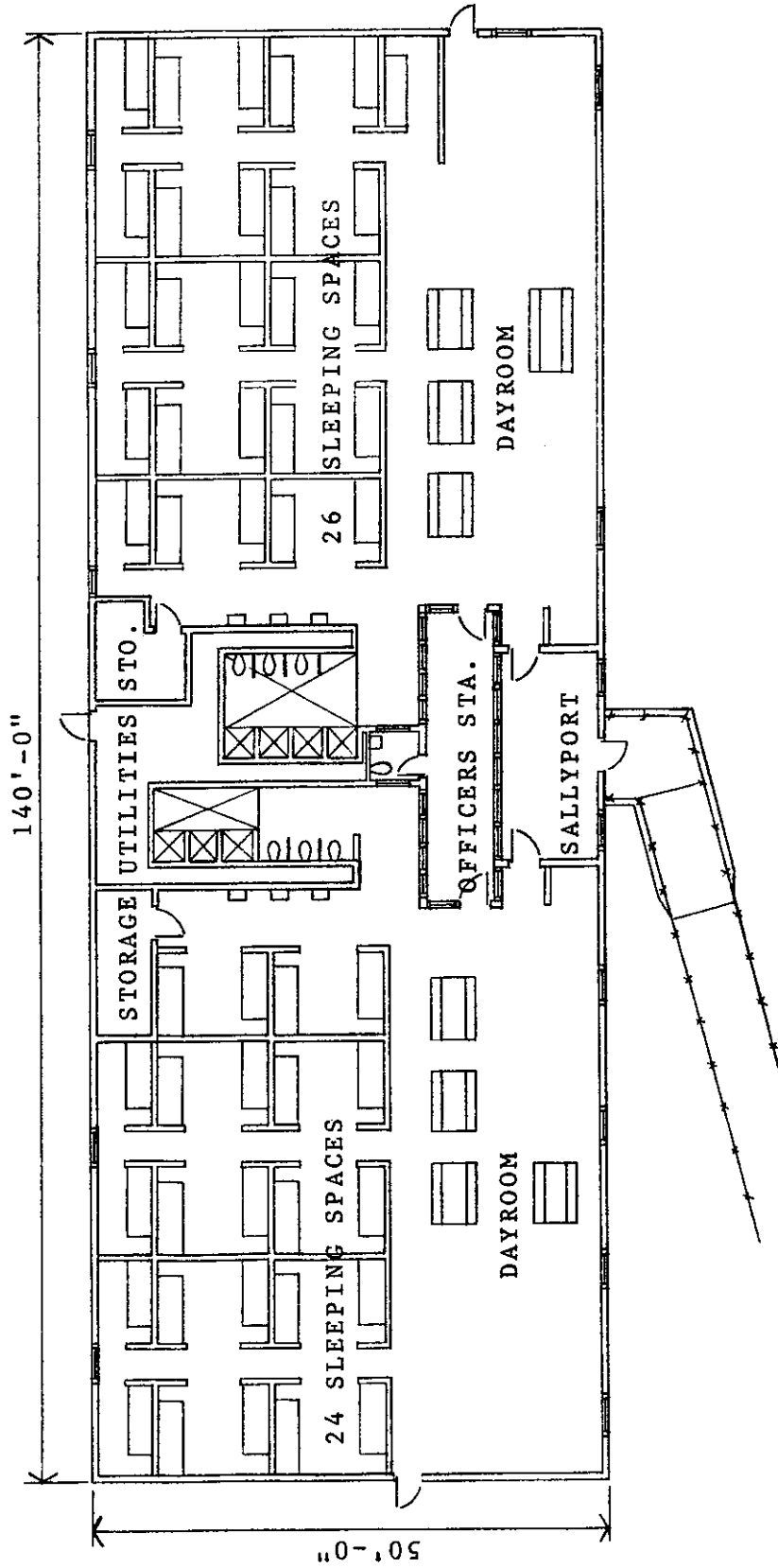
Jurisdiction official: Clarence "Du" Burns, Mayor

Contact: Warden Paul Davis, Baltimore City Jail, 401 East Eager Street, Baltimore, MD 21202, 301-396-5219

Architect: The Leon Bridges Company, 123 Market Place, Ninth Floor, Baltimore, MD 21202, 301-625-2555

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: August 1984 Finish date: May 1985 Construction time: 9 months</p> | <p>Design capacity: 50 Total cost: \$655,000 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: City jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$655,000 Building only: \$650,000 Housing area: \$500,000 Housing per inmate: \$10,000 Housing per cell: N/A Total per inmate: \$13,100 Total per GSF: \$93.57 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 7,000 Gross square feet/other: 0 Gross square feet/total: 7,000 Housing area square feet: 3,120 Gross square feet per inmate: 140 Size of cells: N/A Net/gross square feet: 93%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Open dormitory Cells per unit: N/A Inmates per unit: 25 Management type: Remote surveillance; direct supervision October 1985 population: 50 Facility commitment: Local jail inmates Means to handle crowding: New construction</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection system; razor wire on fence Inmate security level: Maximum: 0 Medium: 10% Minimum: 90%</p> | <p>Structural: Concrete and CMU pilasters with steel beam and interior st. col. Exterior walls: CMU block; architectural precast roof Interior walls: CMU block Exterior surface/facade: Paint</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: Federal funding Contract method: Turn-key design and build Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Linoleum; sealed concrete Intercom: One-way to common areas HVAC: Heat pump Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors for common areas; manual alarm stations</p> | <p>Single occupancy: 0 Double occupancy: 0 Dorms: 50 Special housing: 0 General population: 50 Total: 50</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 10 Programs/treatment: N/A Maintenance: N/A Total: 10 (addition only) Current inmate/staff ratio: 5:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; simple building design Negative: Difficult site conditions; detention grade doors, fixtures</p> <p>Factors affecting time schedule: Positive: Fast track proposal; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers; weather problems</p> |

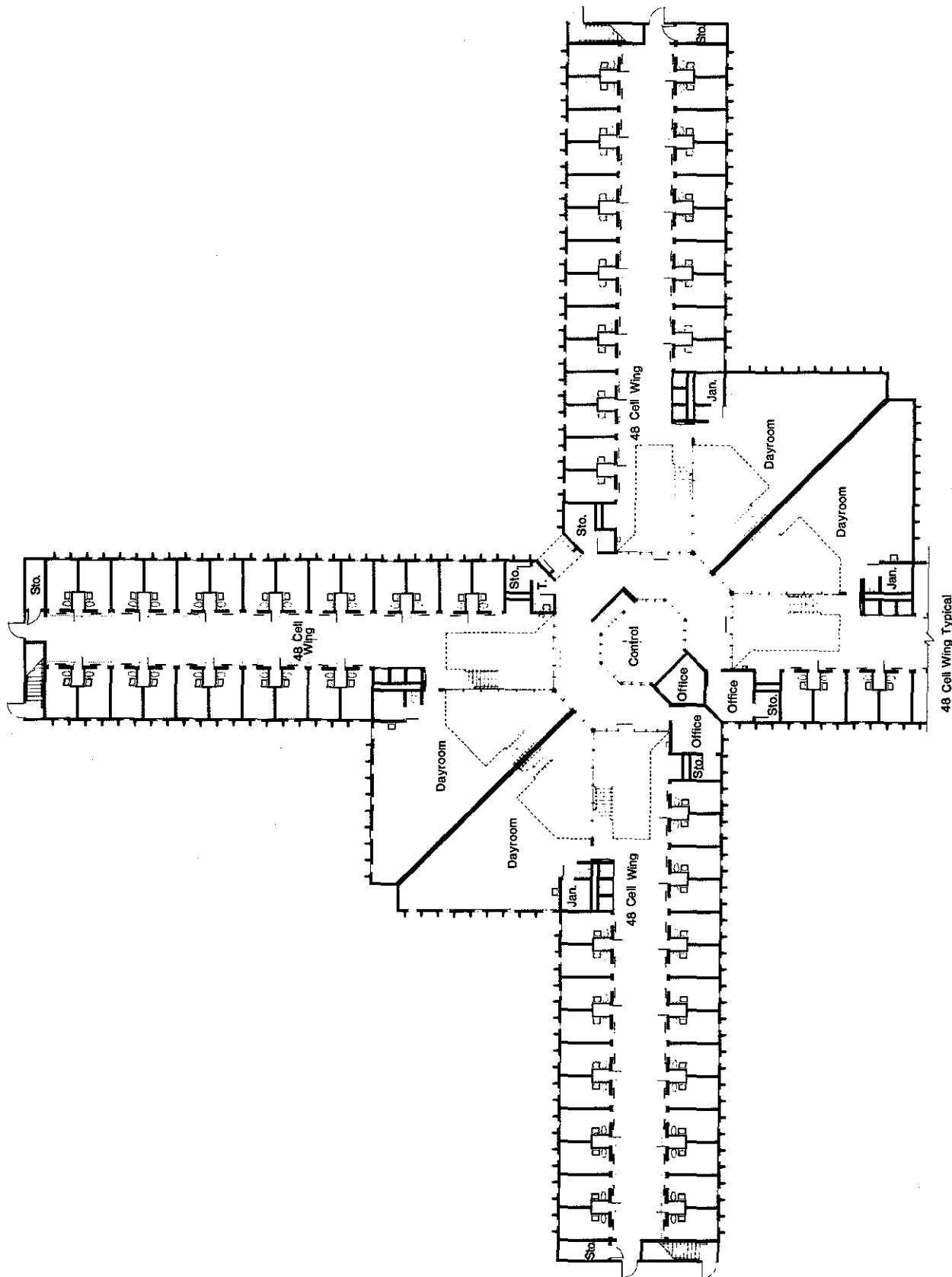


Eastern Correctional Institution

Jurisdiction official: Arnold J. Hopkins, Commissioner, Division of Correction

Contact: Warden Wayne B. Winebrenner, Eastern Correctional Institution, Route 1, Box 500, Westover, MD 21871, 301-651-9000
Architects: Dewberry & Davis, 8401 Arlington Boulevard, Fairfax, VA 22031, 703-849-0430
 Phillips Swager Associates, 3622 North Knoxville, Peoria, IL 61603, 309-688-9511
Construction manager: Heery Program Management, Inc., 7133 Rutherford Road, Baltimore, MD 21207, 301-944-3700

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|---|--|--|
| <p>Groundbreaking: May 1984 Finish date: July 1987 Construction time: 38 months</p> | <p>Design capacity: 1,440 Total cost: \$77,600,000 Total annual operating costs: \$20,850,146</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style; wheel, spoke or radial</p> |
| <p>Costs</p> <p>Total: \$77,600,000 Building only: \$68,200,000 Housing area: \$30,000,000 Housing per inmate: \$26,042 Housing per cell: \$26,042 Total per inmate: \$53,889 Total per GSF: \$121.25 Total annual operating costs: \$20,850,146</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 640,000 Gross square feet/other: 0 Gross square feet/total: 640,000 Housing area square feet: 336,570 Gross square feet per inmate: 444 Size of cells: 70 square feet (gen. single); 82 (spec. single) Net/gross square feet: 60%</p> | <p>Inmate housing areas</p> <p>Design: Spoke Cells per unit: 192 Inmates per unit: 192 Management type: Remote surveillance October 1987 population: 468 Facility commitment: State prisoners Means to handle crowding: Double-celling</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; towers; patrols; camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load-bearing precast panels; steel frame Exterior walls: Precast panels; brick Interior walls: Precast panels; CMU block Exterior surface/facade: Brick; natural wall</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; precast concrete panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Remote locking Floor surface: Carpet; sealed concrete; vinyl tile Intercom: Two-way to common areas HVAC: Heating/air circulation; steam heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells; sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 1,152 Double occupancy: 0 Dorms: 0 Special housing: 288 General population: 1,152 Total: 1,440</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 170 Security: 513 Programs/treatment: 34 Maintenance: 25 Total: 742 Current inmate/staff ratio: .63:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Difficult site conditions; government procedures, regulations, and red tape</p> <p>Factors affecting time schedule: Positive: Phased construction; advanced order of materials and hardware Negative: Slow responses and delivery from vendors, suppliers</p> |



Montgomery County Detention Center (Remodel/Expansion)

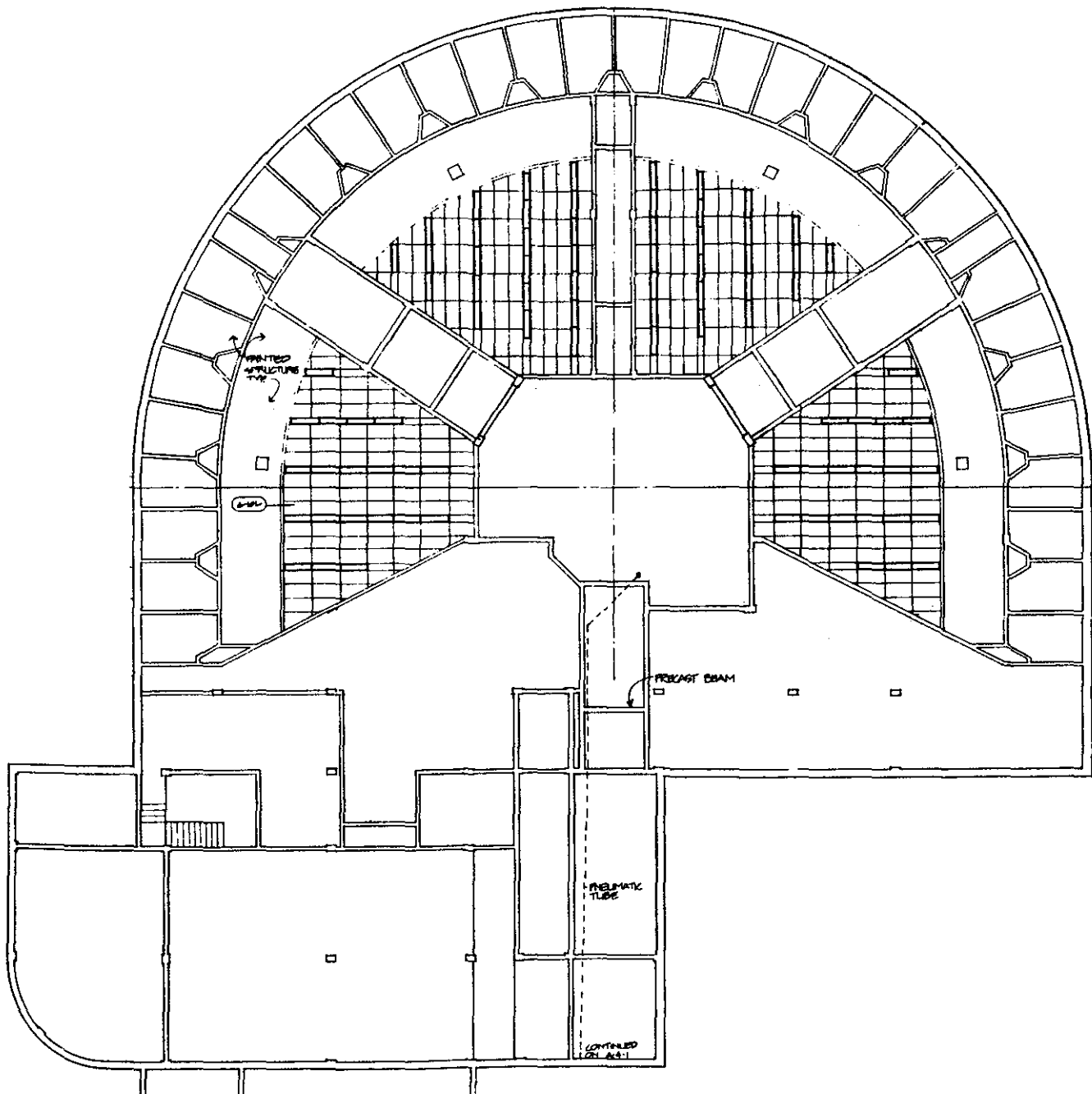
Jurisdiction official: Calvin Lightfoot, Director, Department of Correction and Rehabilitation

Contact: John E. Wright, Director, Montgomery County Detention Center, 1307 Seven Locks Road, Rockville, MD 20854, 301-424-0940

Architect: Hellmuth, Obata and Kassabaum, Inc., 1110 Vermont Avenue NW., Suite 330, Washington, DC 20005, 202-457-9400

Construction manager: None

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| <p>Groundbreaking: February 1984 Finish date: September 1986 Construction time: 32 months</p> | <p>Design capacity: 131 Total cost: \$6,200,000 Total annual operating costs: \$981,710 (expansion only)</p> | <p>Category: Remodeling/renovation project; expansion project Facility type: Complex: county jail, courts Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$6,200,000 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (remodel) Total per GSF: \$134.73 Total annual operating costs: \$981,710 (expansion only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 44,819 Gross square feet/other: 1,200 Gross square feet/total: 46,019 Housing area square feet: 38,915 Gross square feet per inmate: 351 Size of cells: Unknown Net/gross square feet: 55%</p> <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Precast panels; reinforced block Interior walls: Cast-in-place concrete Exterior surface/facade: Textured colored precast</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 16 Inmates per unit: 16 Management type: Remote surveillance May 1987 population: 181 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Bunk beds in cell; mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single fence Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 131 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 131 Total: 131</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 0 Security: 10 Programs/treatment: 0 Maintenance: 0 Total: 10 (expansion only) Current inmate/staff ratio: 18.1:1</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; oil-fired heating Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: None Negative: None Factors affecting time schedule: Positive: None Negative: None</p> | |



Prince George's County Correctional Center

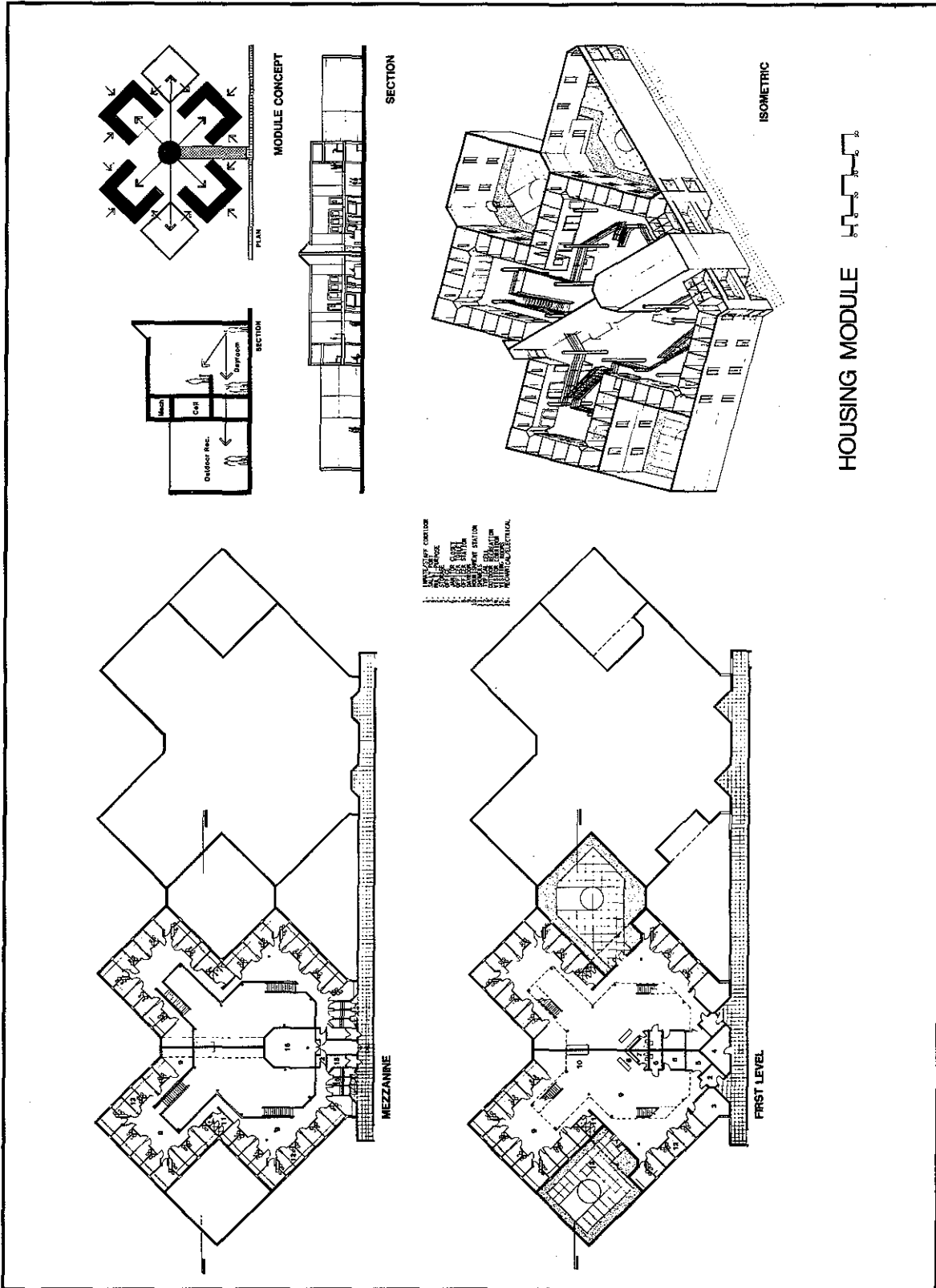
Jurisdiction official: Parris N. Glendening, County Executive

Contact: Samuel F. Saxton, Director, Prince George's County Correctional Center, 13400 Dille Drive, Upper Marlboro, MD 20772, 301-952-7015

Architects: Maguire Group Architects, 5203 Leesburg Pike, Suite 200, Falls Church, VA 22401, 703-998-0100
Greenhome & O'Mara, 9001 Edmonston Road, Greenbelt, MD 20770, 301-982-2800

Construction manager: Morrison-Knudsen/Parametric Co., P.O. Box 549, 14524 Elm Street, 3rd Floor, Upper Marlboro, MD 20772, 301-627-6730

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| <p>Groundbreaking: October 1985 Finish date: February 1987 Construction time: 16 months</p> | <p>Design capacity: 596 Total cost: \$43,000,000 Total annual operating costs: \$11,679,000</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$43,000,000 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$72,148 Total per GSF: \$165.38 Total annual operating costs: \$11,679,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 260,000 Gross square feet/other: 0 Gross square feet/total: 260,000 Housing area square feet: 143,430 Gross square feet per inmate: 436 Size of cells: 70 square feet (single); 2,400 (spec. dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Direct supervision June 1987 population: 711 Facility commitment: Local jail inmates Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; patrols Inmate security level: Maximum: 16% Medium: 60% Minimum: 8% Other: 16%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: CMU block; brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> <p>Inmate design capacity</p> <p>Single occupancy: 432 Double occupancy: 0 Dorms: 0 Special housing: 164 General population: 432 Total: 596</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; wooden Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning; hot water, methane gas Plumbing: China Furniture: Steel Fire protection: Sprinklers for cells and common areas</p> | <p>Current staff</p> <p>Full-time equivalent: Administration: 57 Security: 187 Programs/treatment: 36 Maintenance: 13 Total: 293 Current inmate/staff ratio: 2.43:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: None Factors affecting time schedule: Positive: Phased construction, fast track construction management; site package issued early Negative: Weather problems</p> |



Somerset County Detention Center

Jurisdiction official: Charles Massey, County Administrator

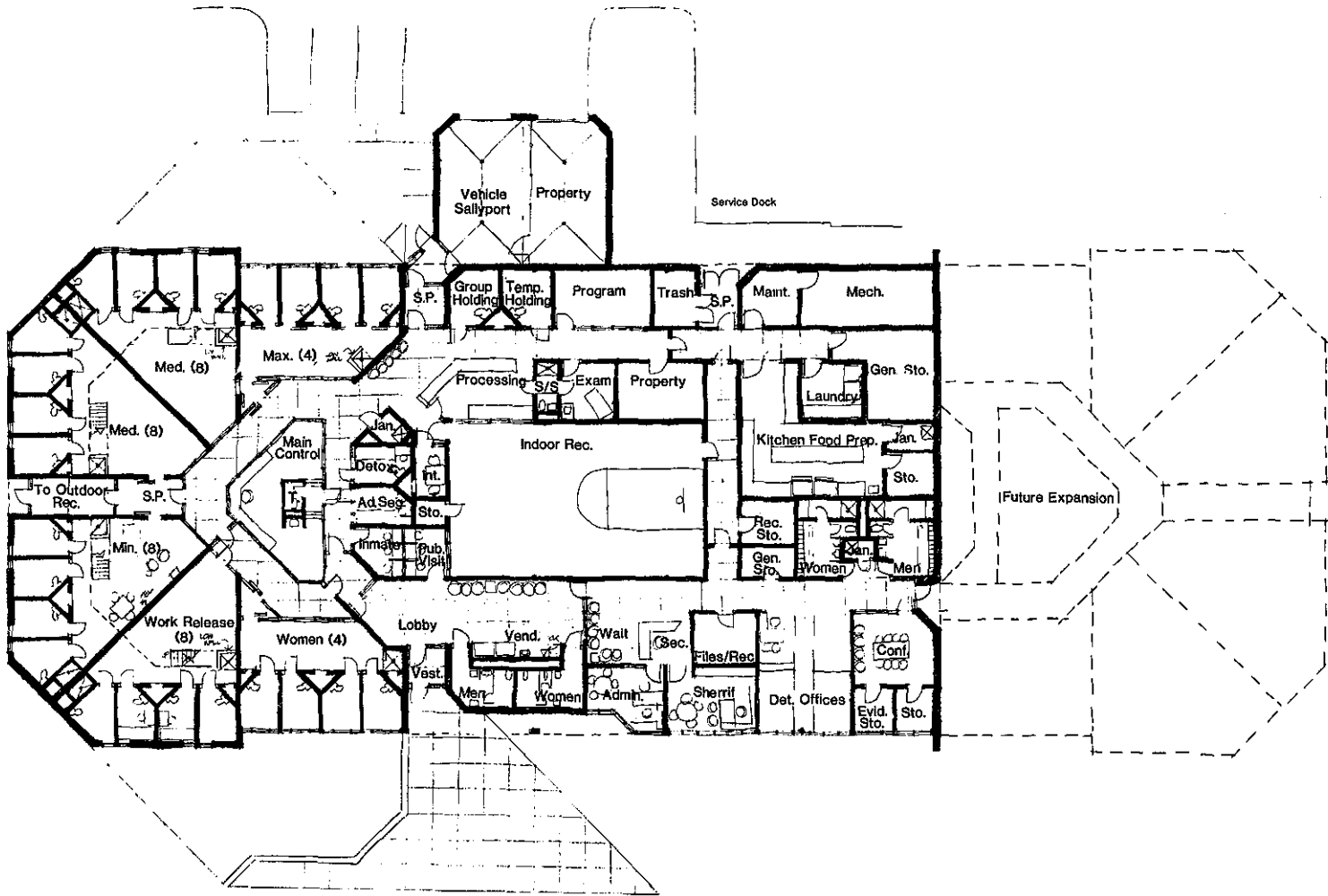
Contact: Warden Keith W. Roper, Somerset County Detention Center, Route 1, Box 425, Westover, MD 21871, 301-651-9223

Architects: Dewberry & Davis, 8401 Arlington Boulevard, Fairfax, VA 22031, 703-849-0430

Phillips Swager Associates, 3622 North Knoxville Avenue, Peoria, IL 61603, 309-688-9511

Construction manager: Heery Program Management, Inc., One Rutherford Plaza, Baltimore, MD 21207, 301-944-3700

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| <p>Groundbreaking: March 1985 Finish date: July 1987 Construction time: 28 months</p> | <p>Design capacity: 51 Total cost: \$2,810,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,810,000 Building only: \$2,663,000 Housing area: \$1,095,900 Housing per inmate: \$21,918 Housing per cell: \$21,918 Total per inmate: \$55,098 Total per GSF: \$134.49 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 20,894 Gross square feet/other: 0 Gross square feet/total: 20,894 Housing area square feet: 6,400 Gross square feet per inmate: 410 Size of cells: 70 square feet (single) Net/gross square feet: 56%</p> <p>Construction type</p> <p>Structural: Load-bearing precast panels; precast concrete frame; masonry construction Exterior walls: Brick; block cavity wall Interior walls: Brick; block-bearing walls with precast plank floors and roofs Exterior surface/facade: Split face concrete block</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: Unknown Inmates per unit: Unknown Management type: Remote surveillance October 1987 population: 27 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 8% Medium: 39% Minimum: 31% Other: 22%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 50 Double occupancy: 0 Dorms: 0 Special housing: 1 General population: 50 Total: 51</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 3 Security: 11 Programs/treatment: 0 Maintenance: 0 Total: 14 Current inmate/staff ratio: 1.93:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Moderate; precast concrete panels, plank floors, and roof</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Variable air volume Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Bid and built simultaneously with Eastern Correctional Institution using same materials and systems Negative: None</p> <p>Factors affecting time schedule: Positive: Time was saved because of the joint projects, Somerset County Detention Center and Eastern Correctional Institution Negative: None</p> | |



FIRST FLOOR PLAN

Washington County Detention Center

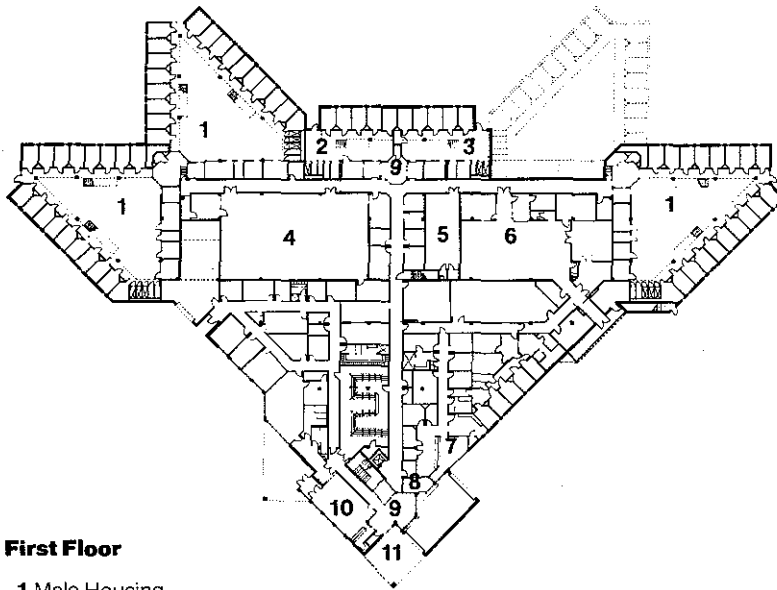
Jurisdiction official: Charles Makes, Sheriff

Contact: Lieutenant Wayne McAllister, Warden, Washington County Detention Center, 500 Western Maryland Parkway, Hagerstown, MD 21740, 301-791-3300

Architect: Hellmuth, Obata & Kassabaum, Inc., One Lombard Street, San Francisco, CA 94111, 415-627-1600

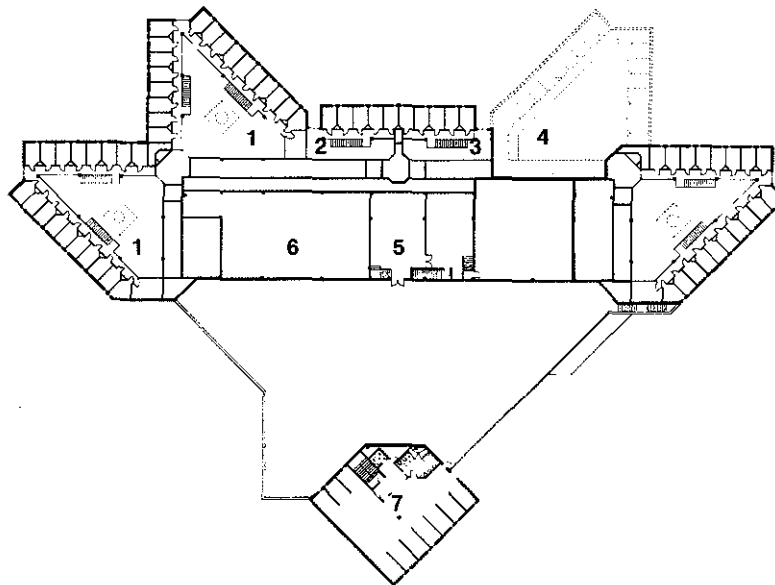
Construction manager: None

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| <p>Groundbreaking: August 1982 Finish date: February 1984 Construction time: 18 months</p> | <p>Design capacity: 152 Total cost: \$5,869,700 Total annual operating costs: \$1,088,334</p> | <p>Category: New independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$5,869,700 Building only: \$5,369,700 Housing area: \$3,758,790 Housing per inmate: \$25,397 Housing per cell: \$28,262 Total per inmate: \$38,616 Total per GSF: \$104.88 Total annual operating costs: \$1,088,334</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 55,965 Gross square feet/other: 0 Gross square feet/total: 55,965 Housing area square feet: 27,982 Gross square feet per inmate: 368 Size of cells: 70 square feet (single) Net/gross square feet: 72%</p> <p>Construction type</p> <p>Structural: Unknown Exterior walls: CMU block; brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Unknown</p> <p>Inmate design capacity</p> <p>Single occupancy: 128 Double occupancy: 0 Dorms: 20 Special housing: 4 General population: 148 Total: 152</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 45 Programs/treatment: 4 Maintenance: 3 Total: 56 Current inmate/staff ratio: 2.54:1</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 36 Inmates per unit: 36 Management type: Remote surveillance October 1985 population: 142 Facility commitment: Local jail inmates Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fence Inmate security level: Maximum: 80% Medium: 0 Minimum: 20%</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Detention specialities Negative: None</p> <p>Factors affecting time schedule: Positive: Structure independent of masonry Negative: Slow response and delivery of hardware</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Heating/air circulation only Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells</p> | | |



First Floor

- 1 Male Housing
- 2 Segregated Housing
- 3 Female Housing
- 4 Multi-purpose/Exercise
- 5 Laundry
- 6 Kitchen
- 7 Booking
- 8 Sally Port
- 9 Central Control
- 10 Public Lobby
- 11 Service/Intake Entry



Second Floor

- 1 Housing Mezzanine
- 2 Segregated Mezzanine
- 3 Female Mezzanine
- 4 Future Expansion
- 5 Mechanical Room
- 6 Upper Gymnasium
- 7 Work Release

Longwood Treatment Center (Remodel)

Jurisdiction official: Michael V. Fair, Commissioner, Department of Correction

Contact: Superintendent David MacDonald, Longwood Treatment Center, P.O. Box 1706, 125 South Huntington Avenue, Jamaica Plain, MA 02130, 617-727-0280

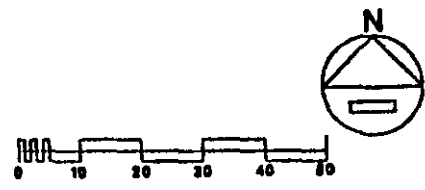
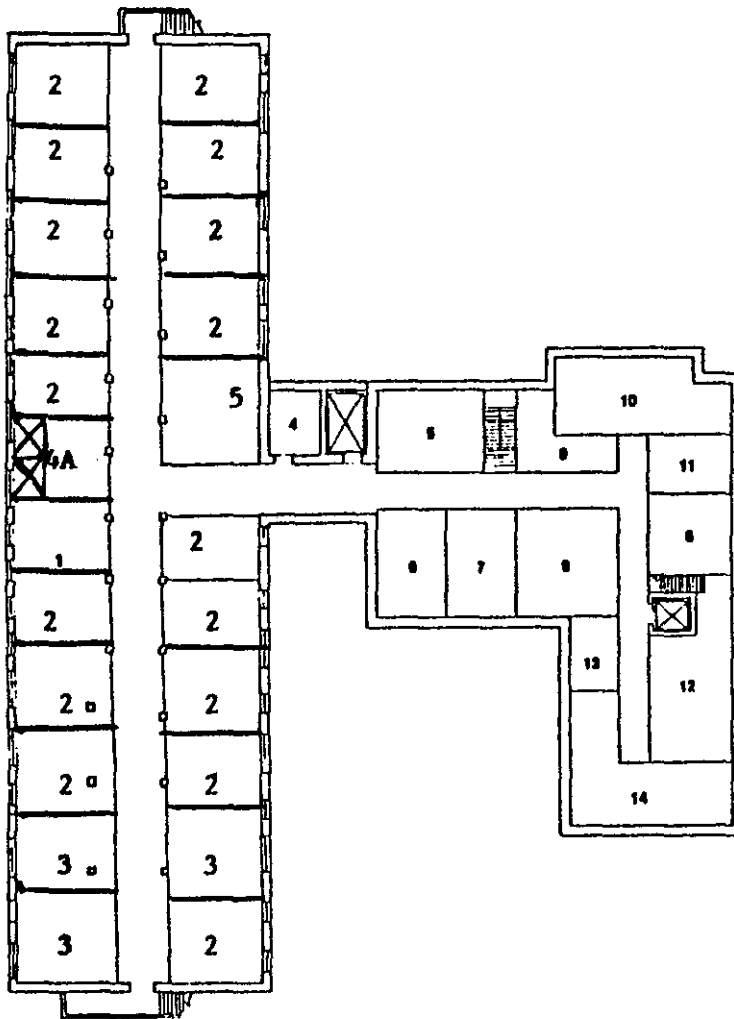
State architect: Facilities Planning and Maintenance, Department of Correction, 100 Cambridge Street, Boston, MA 02202, 617-727-3300

Construction manager: Hancock Property Management, Inc. (owner of facility), 275 Hancock Street, Quincy, MA 02171, 617-770-2836

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| <p>Groundbreaking: N/A (remodel) Finish date: August 1984 Construction time: Unknown</p> | <p>Design capacity: 125 Total cost: \$1,250,000 (incl. building purchase) Total annual operating costs: \$2,344,538</p> | <p>Category: Building purchase; remodeling/renovation project Facility type: Treatment facility for alcoholic offenders Building configuration: Two connected buildings</p> |
| <p>Costs</p> <p>Total: \$1,250,000 (incl. building purchase) Building only: \$1,250,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (remodel) Total per GSF: Unknown Total annual operating costs: \$2,344,538</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 38,918 Gross square feet/other: 0 Gross square feet/total: 38,918 Housing area square feet: 19,000 Gross square feet per inmate: 311 Size of cells: Varies Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Semi-private rooms for 1 to 6 inmates Cells per unit: Unknown Inmates per unit: Unknown Management type: Direct supervision August 1986 population: 125 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: No crowding permitted</p> |
| <p>Security</p> <p>Perimeter: Building exterior; building exit alarm Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Wood and concrete floors; steel frame Exterior walls: Brick Interior walls: Masonry and plaster Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Privately purchased, renovated, and leased to State Contract method: Purchased and renovated by private company Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden Doors/type: Swinging Doors/locking: Manual locking Floor surface: Linoleum; carpet; sealed concrete; vinyl tile Intercom: One-way to common areas HVAC: Air conditioning; heating/air circulation; gas heat; oil burners Plumbing: Stainless steel; china Furniture: Steel; wood; vinyl/plastic Fire protection: Smoke detectors and sprinklers for common areas; manual alarm stations; sprinklers for rooms</p> | <p>Inmate design capacity</p> <p>Single occupancy: 1 Double occupancy: 34 Dorms: 90 Special housing: 0 General population: 125 Total: 125</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 10 Security: 23 Programs/treatment: 11 Maintenance: 2 Total: 46 Current inmate/staff ratio: 2.72:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; less expensive materials and hardware Negative: Slow construction, lengthy building time; difficult site conditions; government procedures, regulations, and red tape</p> <p>Factors affecting time schedule: Positive: Simple construction methods Negative: Slow responses and delivery from vendors, suppliers; labor problems; government procedures, regulations, and red tape</p> |

EXISTING
2nd FLOOR

| | | | |
|----|----------------|-------|----|
| 1 | bed | ..... | 1 |
| 2 | bed | ..... | 2 |
| 3 | bed | ..... | 3 |
| 4 | security | ..... | 4 |
| 5 | security | ..... | 5 |
| 6 | OFFICE | ..... | 6 |
| 7 | LOUNGE | ..... | 7 |
| 8 | CLEAN UTILITY | ..... | 8 |
| 9 | CONFERENCE | ..... | 9 |
| 10 | STORAGE | ..... | 10 |
| 11 | administration | ..... | 11 |
| 12 | LIBRARY | ..... | 12 |
| 13 | toilet | ..... | 13 |
| 14 | staff | ..... | 14 |
| 4A | showers | ..... | 4A |



Massachusetts Correctional Institution Norfolk (Visitors' Center Addition)

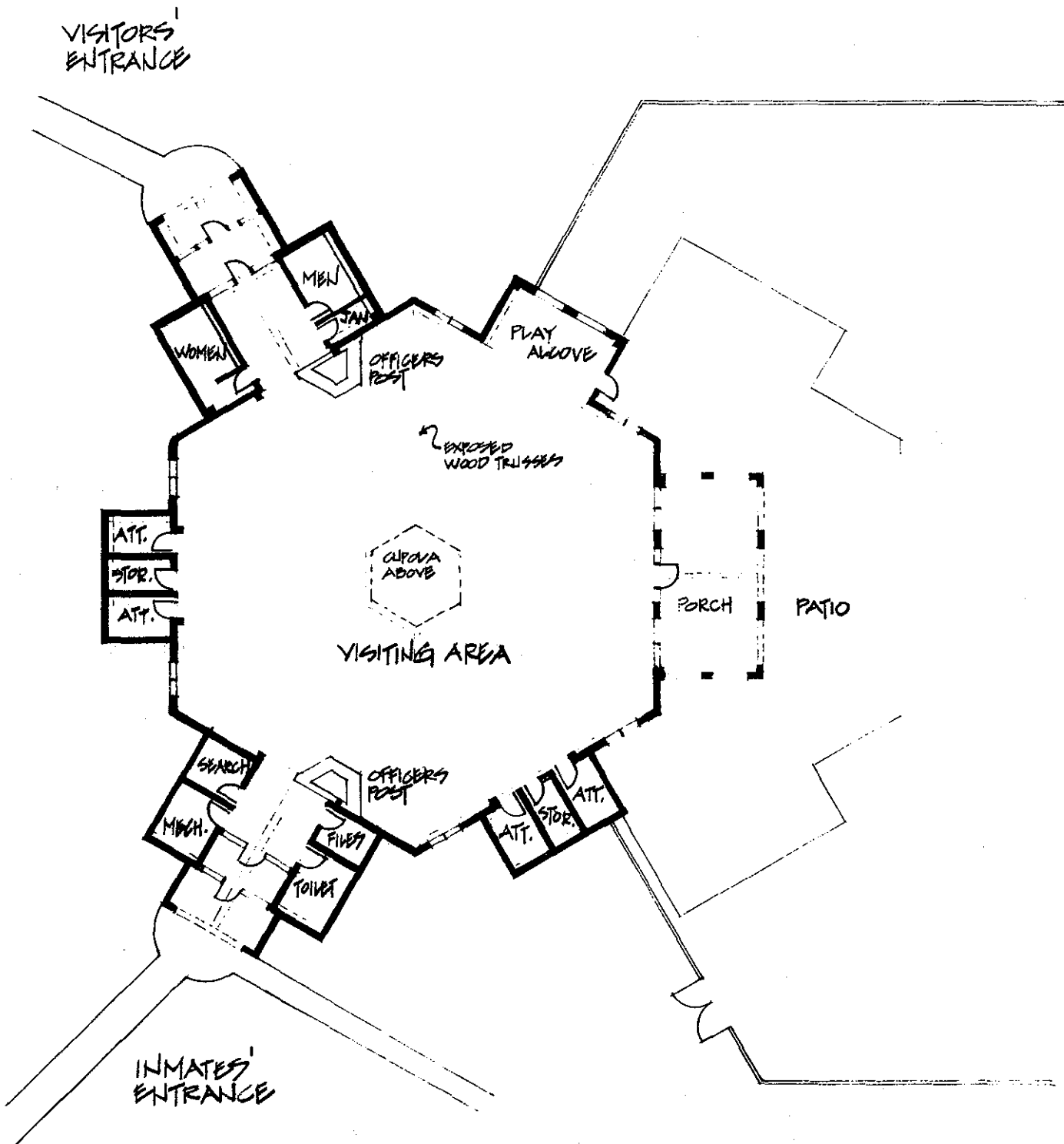
Jurisdiction official: Michael V. Fair, Commissioner, Department of Correction

Contact: Superintendent Norman J. Butler, Massachusetts Correctional Institution Norfolk, P.O. Box 43, Norfolk, MA 02056, 617-668-0800

Architect: Donham & Sweeney, Architects, 103 Broad Street, Boston, MA 02110, 617-423-4280

Construction manager: None

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| <p>Groundbreaking: October 1984 Finish date: May 1986 Construction time: 19 months</p> | <p>Design capacity: N/A Total cost: \$898,000 Total annual operating costs: \$109,000 (addition only)</p> | <p>Category: New, ancillary building Facility type: State prison visitors' center Building configuration: Integrated structure; wheel, spoke or radial</p> |
| <p>Costs</p> <p>Total: \$898,000 Building only: \$830,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A Total per GSF: \$84.41 Total annual operating costs: \$109,000 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 10,638 Gross square feet/other: 0 Gross square feet/total: 10,638 Housing area square feet: N/A Gross square feet per inmate: N/A Size of cells: N/A Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: N/A Cells per unit: N/A Inmates per unit: N/A Management type: N/A October 1985 population: N/A Facility commitment: Local jail inmates; State prisoners Means to handle crowding: N/A</p> |
| <p>Security</p> <p>Perimeter: Single fence; towers; wall Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Laminated wood columns, beams, and trusses Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells (rooms)</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Vinyl tile Intercom: None HVAC: Heating/air circulation; steam heat; steam from existing plant used to heat water Plumbing: Stainless steel; china Fire protection: Smoke detectors</p> | <p>Inmate design capacity</p> <p>Single occupancy: N/A Double occupancy: N/A Dorms: N/A Special housing: N/A General population: N/A Total: N/A (no inmates)</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 0 Security: 2 Programs/treatment: 0 Maintenance: 0 Total: 2 (addition only) Current inmate/staff ratio: N/A</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Slow construction, lengthy building time</p> <p>Factors affecting time schedule: Positive: None Negative: None</p> |



Correction Camp Cusino

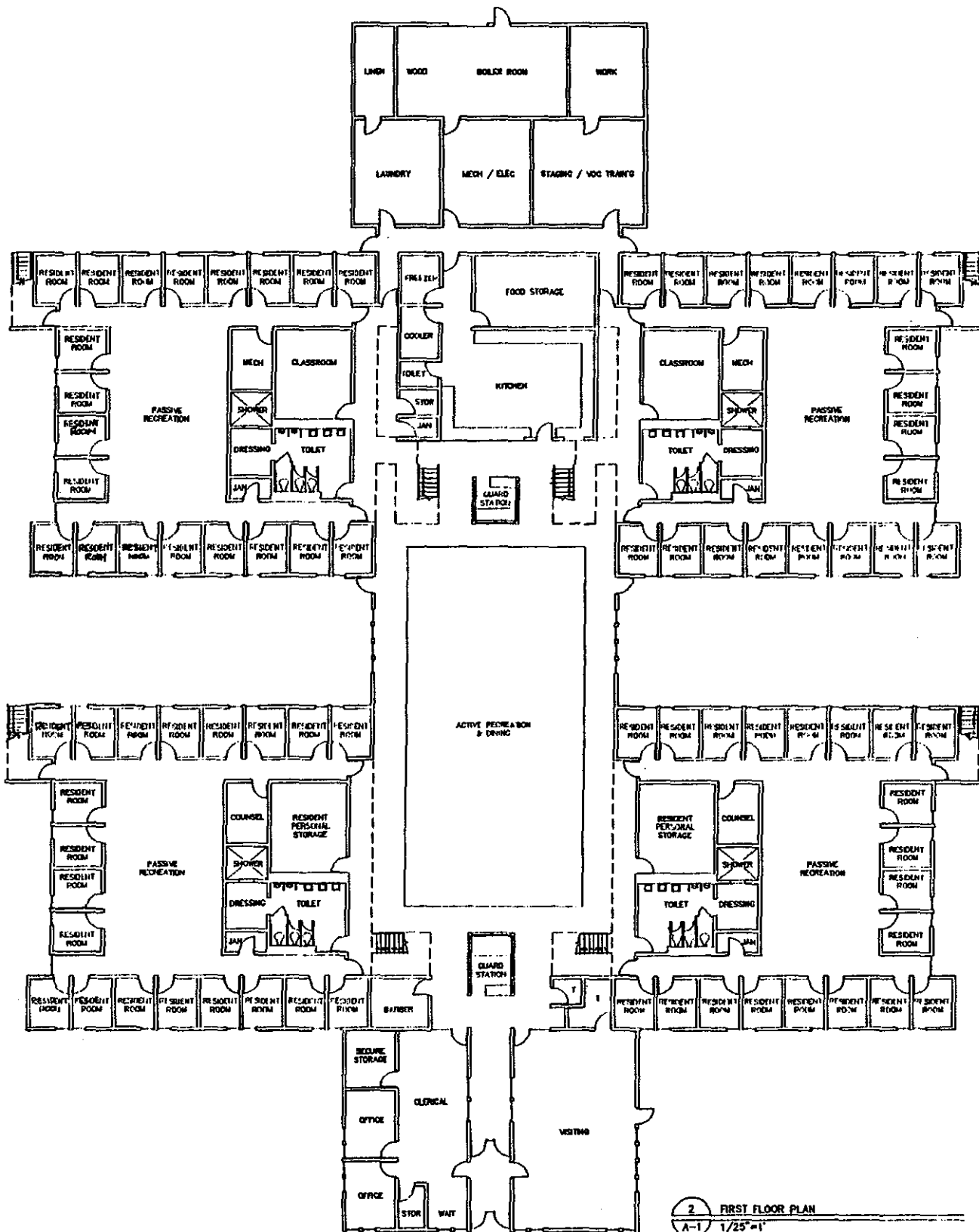
Jurisdiction official: Robert Brown, Jr., Director, Department of Corrections

Contact: S. George Field, Camp Supervisor-Deputy Warden, Correction Camp Cusino, Box 88, Shingleton, MI 49884-0088, 906-452-6248

Architect: Blomquist/Nelson & Associates, 116 East Ludington Street, Iron Mountain, MI 49801, 906-774-7000

Construction manager: None

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|---|--|--|
| <p>Groundbreaking: April 1986 Finish date: December 1986 Construction time: 8 months</p> | <p>Design capacity: 160 Total cost: \$3,800,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility; phased project (future) Facility type: State prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,800,000 Building only: \$3,500,000 Housing area: \$3,200,000 Housing per inmate: \$20,000 Housing per cell: \$20,000 Total per inmate: \$23,750 Total per GSF: \$59.38 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 64,000 Gross square feet/other: 0 Gross square feet/total: 64,000 Housing area square feet: 46,000 Gross square feet per inmate: 400 Size of cells: 80 square feet (single) Net/gross square feet: 91%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 20 Inmates per unit: 20 Management type: Intermittent surveillance October 1987 population: 252 Facility commitment: State prisoners Means to handle crowding: Beds in dayroom; bunk beds in visiting room</p> |
| <p>Security</p> <p>Perimeter: Single fence Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Load-bearing CMU with hollow core slabs Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Paint; waterproof coating</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; precast structure</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Carpet; vinyl tile Intercom: Two-way to common areas HVAC: Heating/air circulation; wood-fired boilers for heating and hot water Plumbing: China Furniture: Steel Fire protection: Manual alarm stations; smoke detectors for common areas and storage; sprinklers for some storage</p> | <p>Inmate design capacity</p> <p>Single occupancy: 160 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 160 Total: 160</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 16 Security: 22 Programs/treatment: 1 Maintenance: 2 Total: 41 Current inmate/staff ratio: 6.15:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; less expensive materials and hardware, low security only Negative: None</p> <p>Factors affecting time schedule: Positive: Good contractor Negative: Government procedures, regulations, and red tape</p> |



2 FIRST FLOOR PLAN
A-1 1/25"=1"

Grand Traverse County Correctional Facility (Remodel/Expansion)

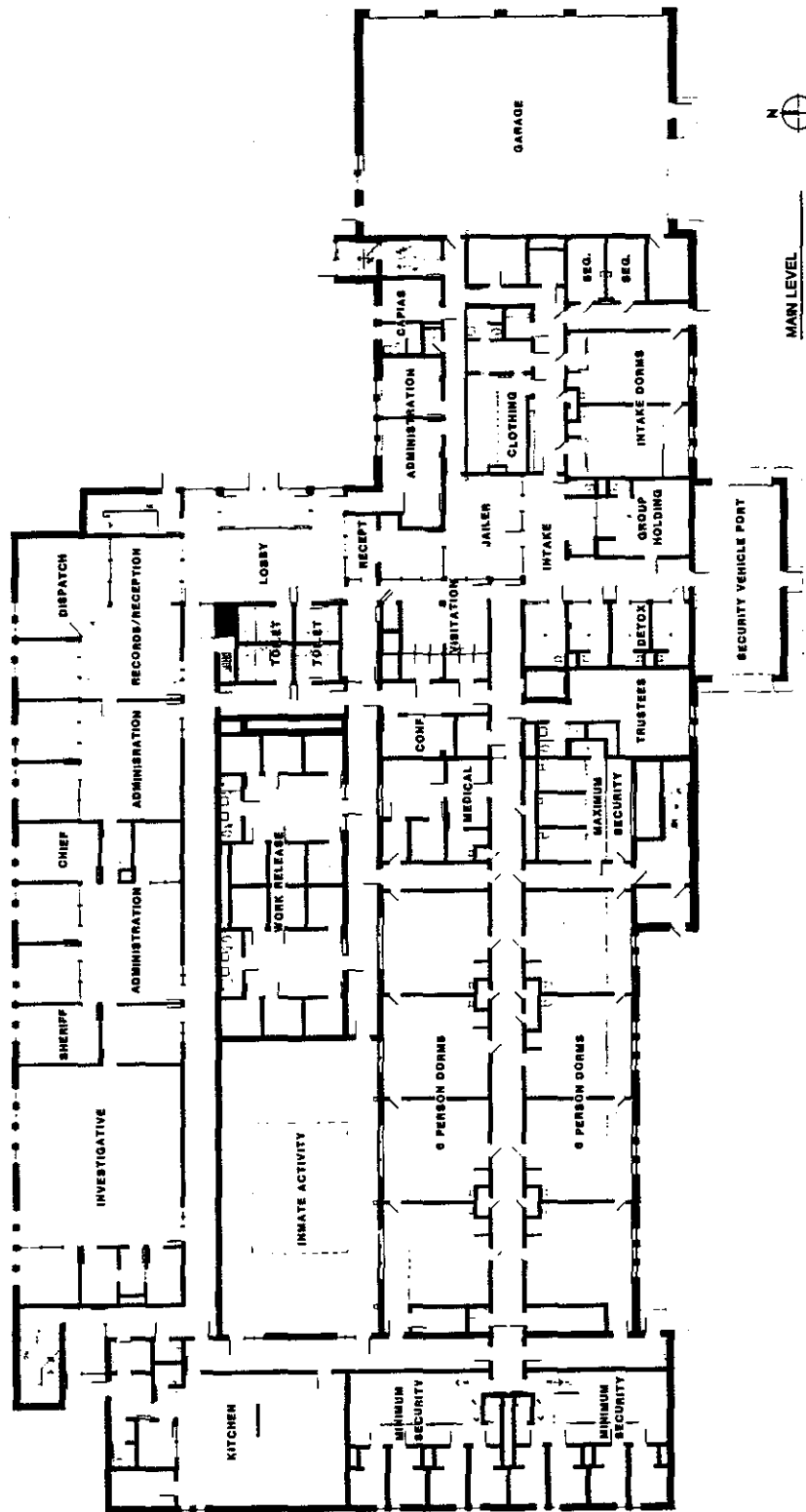
Jurisdiction official: Jack J. Canfield, Sheriff

Contact: Joseph D. Smith, Corrections Administrator, Grand Traverse County Correctional Facility, 320 Washington Street, Traverse City, MI 49684, 616-922-4500

Architects: GBKB Associates, Hannah Lay Building, 109 East Front Street, Suite 303, Traverse City, MI 49684, 616-946-7116
Durrant Group, 2445 Darwin Road, Madison, WI 53704, 608-241-3340

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: January 1985 Finish date: May 1986 Construction time: 16 months</p> | <p>Design capacity: 126 Total cost: \$3,199,852 Total annual operating costs: \$1,009,680</p> | <p>Category: Remodeling/renovation project; expansion Facility type: Complex: county and city jails, law enforcement Building configuration: Ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$3,199,852 Building only: Unknown Housing area: \$1,788,570 Housing per inmate: \$17,034 Housing per cell: \$55,893 Total per inmate: N/A (complex) Total per GSF: \$55.01 Total annual operating costs: \$1,009,680</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 24,041 Gross square feet/other: 34,123 Gross square feet/total: 58,164 Housing area square feet: 21,042 Gross square feet per inmate: 191 Size of cells: 78 square feet (double) Net/gross square feet: 89%</p> <p>Construction type</p> <p>Structural: Precast plank-wall bearing Exterior walls: CMU block; limestone facing Interior walls: CMU block; metal stud and gypsum board Exterior surface/facade: Limestone</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside and interior; module/pod Cells per unit: 8 Inmates per unit: 16 Management type: Intermittent and remote surveillance September 1986 population: 108 Facility commitment: Local jail inmates; State and Federal prisoners Means to handle crowding: Bunk beds in cell; mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Single fence Inmate security level: Maximum: 4% Medium: 80% Minimum: 16%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 5 Double occupancy: 32 Dorms: 68 Special housing: 21 General population: 105 Total: 126</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 16 Programs/treatment: 4 Maintenance: 3 Total: 25 Current inmate/staff ratio: 4.32:1</p> | <p>Construction process</p> <p>Finance method: Federal and local funds; shared cost from multiple jurisdictions Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Motor driven and remote locking; manual locking Floor surface: Sealed concrete Intercom: Two-way to cells HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Slow construction, lengthy building time; government procedures, regulations, and red tape; subcontractor's bankruptcy—new subcontractor increased cost</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; weather problems; government red tape; complex electronic, mechanical, and electrical systems; approval of new subcontractor</p> |



Macomb County Jail (Remodel/Expansion)

Jurisdiction official: William Hackel, Sheriff

Contact: Donald Amboyer, Jail Administrator, Macomb County Jail, 43565 Elizabeth Road, Mt. Clemens, MI 48043, 313-469-5024
Architect: Hellmuth, Obata and Kassabaum, Inc., 100 North Broadway, St. Louis, MO 63102, 314-421-2000
Construction manager: None

| | | |
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| <p>Groundbreaking: October 1984 Finish date: June 1987 Construction time: 32 months</p> | <p>Design capacity: 463 Total cost: \$27,000,000 Total annual operating costs: N/A (expansion)</p> | <p>Category: Remodeling/renovation project; expansion project Facility type: County jail Building configuration: High rise</p> |
| <p>Costs</p> <p>Total: \$27,000,000 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (remodel) Total per GSF: \$133.64 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 202,042 Gross square feet/other: 0 Gross square feet/total: 202,042 Housing area square feet: 167,938 Gross square feet per inmate: 436 Size of cells: Unknown Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: Unknown Inmates per unit: Unknown Management type: Remote surveillance November 1987 population: 900 Facility commitment: Local jail inmates; State prisoners on contract Means to handle crowding: Double bunking; renovation of old section</p> |
| <p>Security</p> <p>Perimeter: Video camera surveillance Inmate security level: Maximum: 25% Medium: 50% Minimum: 25%</p> | <p>Construction type</p> <p>Structural: Clay security facing tile Exterior walls: Cast-in-place concrete Interior walls: Cast-in-place concrete Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Carpet; epoxy coating; sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; gas-fired boilers Plumbing: Stainless steel Furniture: Steel; vinyl/plastic Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 324 Double occupancy: 0 Dorms: 104 Special housing: 35 General population: 428 Total: 463</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Weather problems, construction started in late fall</p> |

(No floorplan available at time of publication)

State Prison of Southern Michigan (Hospital Addition)

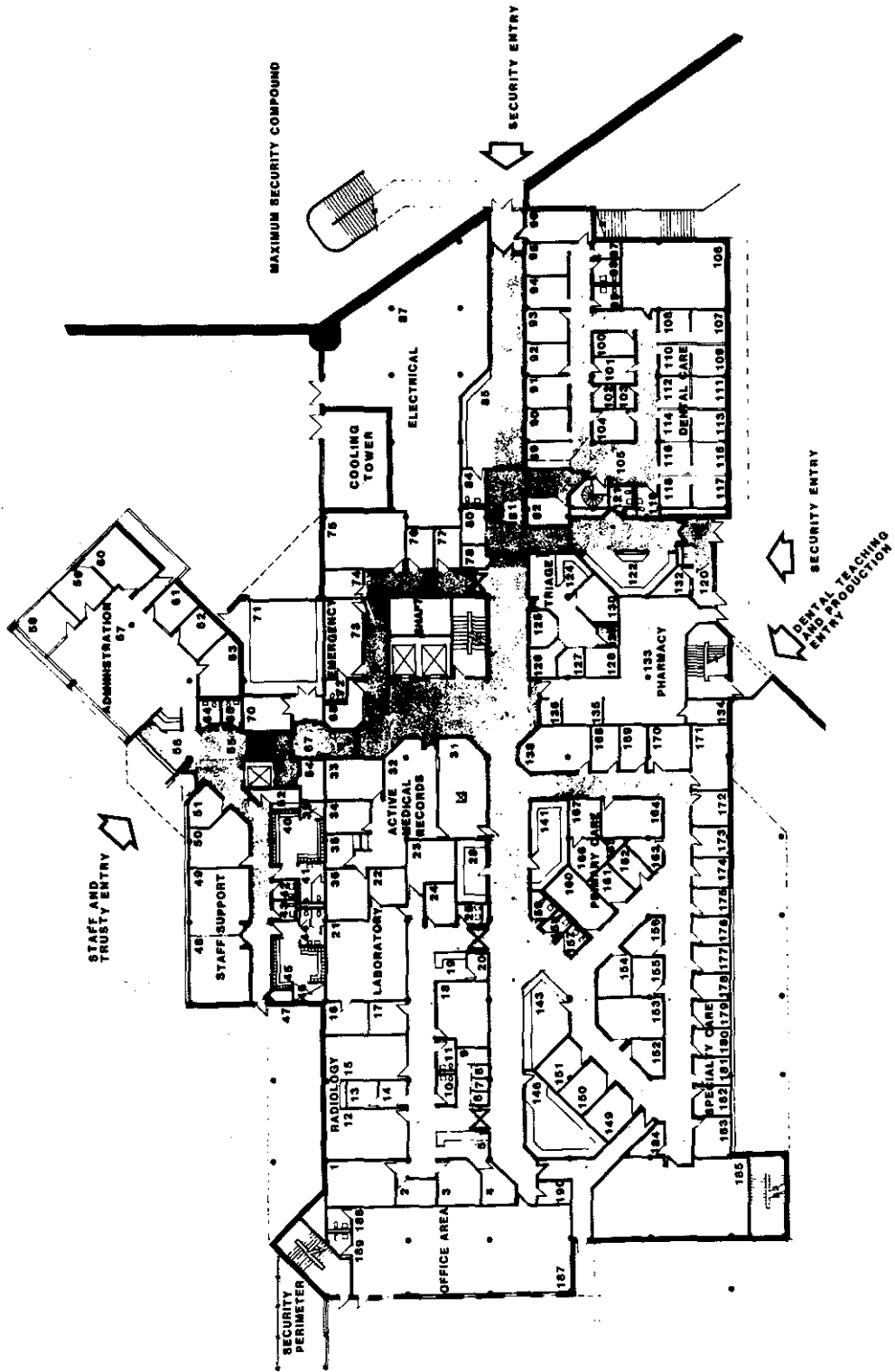
Jurisdiction official: Robert Brown, Jr., Director, Department of Corrections

Contact: Larry N. Coe, Physical Plant Superintendent, State Prison of Southern Michigan, 4000 Cooper Street, Jackson, MI 49201, 517-788-7560

Architect: Louis G. Redstone Associates, Inc., 28425 West Eight Mile Road, Livonia, MI 48152, 313-476-6620

Construction manager: None

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| <p>Groundbreaking: December 1983 Finish date: February 1986 Construction time: 26 months</p> | <p>Design capacity: 94 Total cost: \$9,717,255 Total annual operating costs: \$12,000,000 (hospital)</p> | <p>Category: New, ancillary building Facility type: State prison hospital Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$9,717,255 Building only: \$8,479,255 Housing area: N/A (hospital) Housing per inmate: N/A Housing per cell: N/A Total per inmate: N/A (addition) Total per GSF: \$95.83 Total annual operating costs: \$12,000,000 (hospital)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 101,400 Gross square feet/other: 0 Gross square feet/total: 101,400 Housing area square feet: N/A (hospital) Gross square feet per inmate: 1,079 Size of cells: N/A (hospital) Net/gross square feet: 54%</p> <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Brick Interior walls: CMU block; plaster on lath Exterior surface/facade: Brick</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: N/A Inmates per unit: 94 Management type: Intermittent surveillance October 1985 population: 94 Facility commitment: State prison patients Means to handle crowding: N/A</p> |
| <p>Security</p> <p>Perimeter: Building exterior; double fence; alarm/detection systems; razor wire on fence Inmate security level: Maximum: 80% Medium: 20% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 0 Special housing: 94 General population: 0 Total: 94</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 12 Security: 50 Programs/treatment: 292 Maintenance: 4 Total: 358 (hospital) Current inmate/staff ratio: .26:1</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; brick soffit panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Sheet vinyl Intercom: Staff to staff only; patients have call button HVAC: Air conditioning; steam from central heating plant Plumbing: Stainless; china Furniture: Steel Fire protection: Smoke detectors for common areas; sprinklers throughout</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; no major security provisions necessary Negative: Government procedures, regulations, "red tape"; complex remote locking, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers; government procedures, regulations, "red tape"</p> | |



Hennepin County Juvenile Detention Center

Jurisdiction official: Mike Cunniff, Associate County Administrator, Bureau of Community Corrections

Contact: Superintendent Arthur J. Cavara, Hennepin County Juvenile Detention Center, 510 Park Avenue, Minneapolis, MN 55415, 612-348-3894

Architect: Ellerbe Associates, Inc., One Appletree Square, Minneapolis, MN 55420, 612-853-2000

Construction manager: None

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| <p>Groundbreaking: June 1982 Finish date: June 1984 Construction time: 24 months</p> | <p>Design capacity: 87 Total cost: \$13,000,000 Total annual operating costs: \$3,001,716</p> | <p>Category: New, independent facility Facility type: County juvenile detention facility Building configuration: Integrated structure; courtyard</p> |
| <p>Costs</p> <p>Total: \$13,000,000 Building only: \$12,500,000 Housing area: \$6,000,000 Housing per inmate: \$68,966 Housing per cell: \$68,966 Total per inmate: \$149,425 Total per GSF: \$101.56 Total annual operating costs: \$3,001,716</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 128,000 Gross square feet/other: 0 Gross square feet/total: 128,000 Housing area square feet: 60,000 Gross square feet per inmate: 1,471 Size of cells: 75.5 square feet (single) Net/gross square feet: 75%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 12 Inmates per unit: 12 Management type: Intermittent surveillance; direct supervision March 1987 population: 64 Facility commitment: Juveniles Means to handle crowding: Release of residents; restrict admissions</p> |
| <p>Security</p> <p>Perimeter: Single fence; video camera surveillance Inmate security level: Maximum: 5% Medium: 95% Minimum: 0</p> | <p>Structural: Cast-in-place concrete frame; grout filled concrete block and rebar Exterior walls: Brick; cast-in-place concrete; CMU block Interior walls: Cast-in-place concrete; CMU block; brick; concrete block with grout filled cores Exterior surface/facade: Brick; colored concrete</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Motor driven and remote locking; manual locking Floor surface: Epoxy coating; carpet Intercom: Two-way to cells and common areas HVAC: Air conditioning; steam heat Plumbing: Stainless Furniture: Concrete Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 87 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 87 Total: 87</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 7 Security: 64 Programs/treatment: 2 Maintenance: 0 Total: 73 Current inmate/staff ratio: 0.88:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Healthy bidding climate Negative: None</p> <p>Factors affecting time schedule: Positive: None Negative: None</p> |

(No floorplan available at time of publication)

Minnesota Supervised Living Facility (Addition)

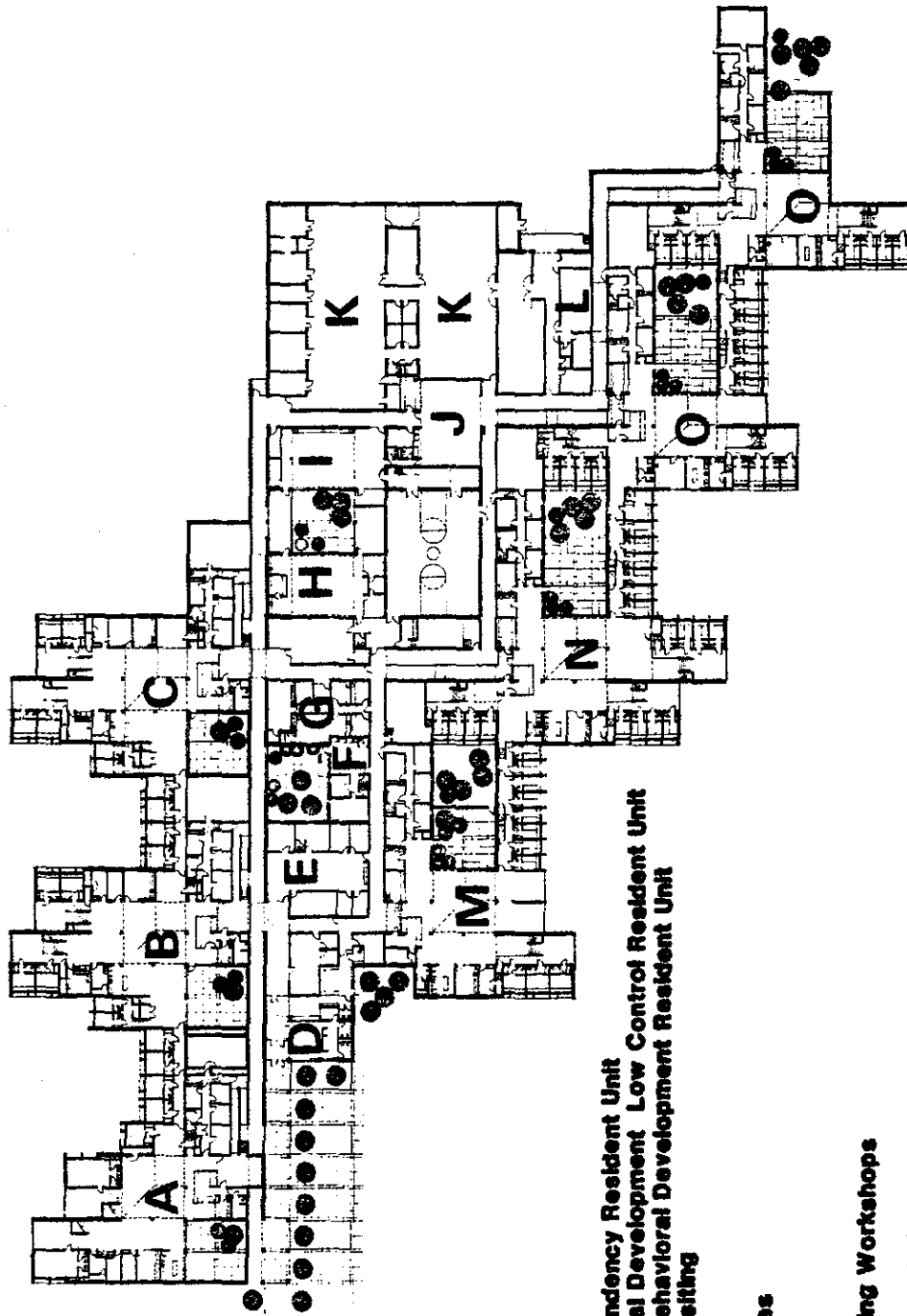
Jurisdiction official: Orville B. Pung, Commissioner, Department of Corrections

Contact: William Pederson, Chief Executive Officer, Minnesota Supervised Living Facility, 100 Freeman Drive, St. Peter, MN 56082, 507-931-7100

Architect: Hammel Green & Abrahamson, Inc., 1201 Harmon Place, Minneapolis, MN 55403, 612-332-3944

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: October 1979 Finish date: June 1981 Construction time: 21 months</p> | <p>Design capacity: 164 Total cost: \$8,389,800 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison for criminally insane Building configuration: Integrated structure with courtyard</p> |
| <p>Costs</p> <p>Total: \$8,389,800 Building only: \$7,189,800 Housing area: \$5,578,846 Housing per inmate: \$34,017 Housing per cell: \$46,106 Total per inmate: \$51,157 Total per GSF: \$68.80 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 121,939 Gross square feet/other: 0 Gross square feet/total: 121,939 Housing area square feet: 81,574 Gross square feet per inmate: 744 Size of cells: 91 square feet (single); 134 (double); 331 (4-bed) Net/gross square feet: 84%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside, inside Cells per unit: 16 to 24 Inmates per unit: 16 to 32 Management type: Direct supervision; remote surveillance October 1985 population: Approx. 165 Facility commitment: State prisoners; local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; razor wire on and between fences; wire netting over interior courtyards; double fence around recreation area Inmate security level: Maximum: 60% Medium: 40% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame; CIP concrete frame Exterior walls: Precast panels/decking; CIP concrete; CMU block; brick Interior walls: CIP concrete; CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Carpet or epoxy coating Intercom: Two-way to common areas HVAC: Air conditioning; steam boiler heating plant pumps hot water to building fan coils, radiation, convectors, and heating coils Plumbing: Stainless combination unit Furniture: Steel; wood; vinyl/plastic; concrete Fire protection: Smoke detectors for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 86 Double occupancy: 62 Dorms: 0 Other: 16 Special housing: 0 General population: 164 Total: 164</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: 160 to 170 (addition only) Current inmate/staff ratio: Approx. 1:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; advanced order of materials and hardware; coordination of design between parties Negative: Government procedures, regulations, "red tape"</p> |



Floor Plan

Key

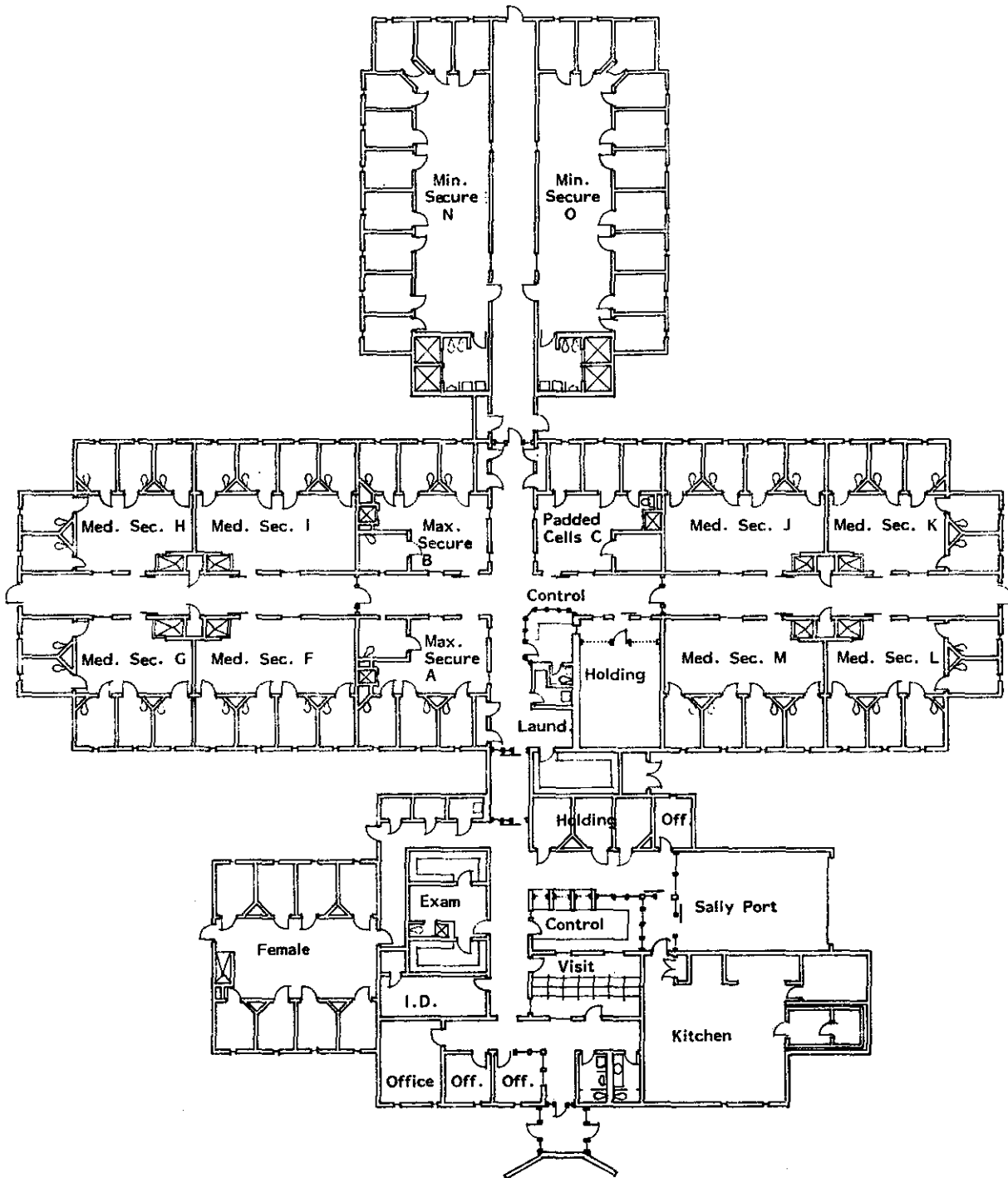
- A. Chemical Dependency Resident Unit
- B. Basic Behavioral Development Low Control Resident Unit
- C. Intermediate Behavioral Development Resident Unit
- D. Entry Portal/Visiting
- E. Administration
- F. Staff Services
- G. Medical Services
- H. Education
- I. Crafts
- J. Canteen
- K. Industrial Training Workshops
- L. Kitchen
- M. Womens Resident Unit
- N. Admissions and Assessment Resident Unit
- O. Basic Behavioral Development High Control Resident Unit

Jackson County Adult Detention Center

Jurisdiction official: D.B. Pope, Sheriff

Contact: Fearon Jenne III, Director, Adult Detention Center, 1719 Kenneth Avenue, Pascagoula, MS 39567, 601-769-3052
Architect: Slaughter & Allred, P.A., A.I.A., P.O. Box 447, 3690 14th Street, Pascagoula, MS 39567, 601-762-1975
Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: January 1978 Finish date: May 1979 Construction time: 16 months</p> | <p>Design capacity: 99 Total cost: \$1,362,291 Total annual operating costs: \$1,028,776</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,362,291 Building only: \$1,287,137 Housing area: \$994,544 Housing per inmate: \$12,589 Housing per cell: \$12,589 Total per inmate: \$13,761 Total per GSF: \$61.70 Total annual operating costs: \$1,028,776</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 22,078 Gross square feet/other: 0 Gross square feet/total: 22,078 Housing area square feet: 16,818 Gross square feet per inmate: 223 Size of cells: 80 square feet (single) Net/gross square feet: N/A</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 18 Inmates per unit: 18 Management type: Intermittent surv. October 1985 population: 105 Facility commitment: Local jail inmates and State prisoners Means to handle crowding: Mattresses on floor; second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence Inmate security level: Maximum: 8% Medium: 68% Minimum: 20% (+ 4% safety cells)</p> | <p>Construction type</p> <p>Structural: Load bearing precast panels Exterior walls: Precast panels Interior walls: Precast panels; CMU block Exterior surface/facade: Textureflex coating on concrete panels</p> | <p>Construction process</p> <p>Finance method: Federal and local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: One-way to common areas HVAC: Air conditioning Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for common areas; manual alarm stations; exhaust fans interlocked with smoke detectors in ducts</p> | <p>Inmate design capacity</p> <p>Single occupancy: 79 Double occupancy: 0 Dorms: 0 Special housing: 20 General population: 79 Total: 99</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 6 Security: 22 Programs/treatment: 2 Maintenance: 6 Total: 36 Current inmate/staff ratio: 2.92:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Precast concrete wall and roof panels; good competition, favorable market Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Precast concrete wall and roof panels; simple construction methods, repetitiveness of design; coordination of design between parties Negative: Weather problems; security glass problems</p> |

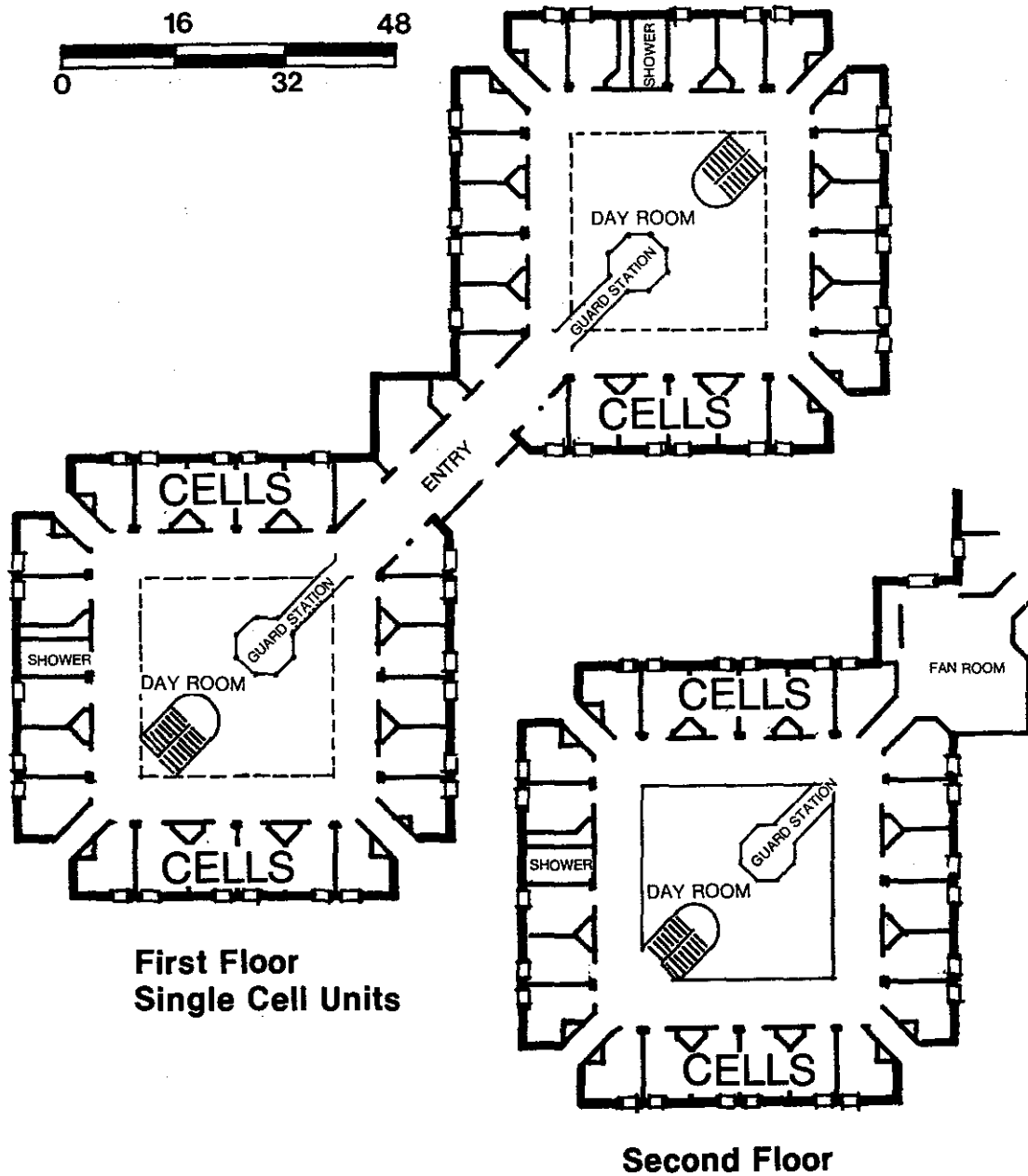


Mississippi State Penitentiary—Unit 29

Jurisdiction official: Gene A. Scroggy, Commissioner, Department of Corrections

Contact: Deputy Warden Dwight Presley, Mississippi State Penitentiary—Unit 29, Parchman, MS 38738, 601-745-6611
Architect: The Design Collective, P.A., P.O. Box 22678, 777 North State Street, Jackson, MS 39205, 601-969-7113
Construction manager: None

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| <p>Groundbreaking: June 1979 Finish date: September 1981 Construction time: 28 months</p> | <p>Design capacity: 1,576 Total cost: \$18,706,145 Total annual operating costs: \$6,200,000</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$18,706,145 Building only: \$14,924,901 Housing area: \$12,178,475 Housing per inmate: \$7,727 Housing per cell: \$23,153 Total per inmate: \$11,869 Total per GSF: \$86.43 Total annual operating costs: \$6,200,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 216,426 Gross square feet/other: 0 Gross square feet/total: 216,426 Housing area square feet: 175,950 Gross square feet per inmate: 137 Size of cells: 70 square feet (single) Net/gross square feet: 92%</p> <p>Construction type</p> <p>Structural: Load bearing precast panels; precast concrete frame Exterior walls: Precast panels; architectural precast Interior walls: Precast panels; CMU block Exterior surface/facade: Textured concrete</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 12 Inmates per unit: 44 (single cell bldgs.); 64 (dorm bldgs.) Management type: Remote surveillance October 1985 population: 1,456 Facility commitment: State prisoners; local jail inmates Means to handle crowding: N/A</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fence; towers; patrols Inmate security level: Maximum: 0 Medium: 33.5% Minimum: 66.5%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 176 Double occupancy: 0 Dorms: 1,400 Special housing: 0 General population: 1,576 Total: 1,576</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 221 Programs/treatment: 56 Maintenance: 2 Total: 283 Current inmate/staff ratio: 5.14:1</p> | <p>Construction process</p> <p>Finance method: Shared cost from multiple jurisdictions Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive, elements made at plant and shipped to job site</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid steel Doors/type: Swinging Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete; tile Intercom: Two-way to cells HVAC: Heating/air circulation only Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors for cells and common areas</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; phased construction, fast track construction management Negative: Difficult site conditions (landfill required)</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design Negative: Weather problems; difficult site conditions</p> | |



Tunica County Jail and Sheriff's Department

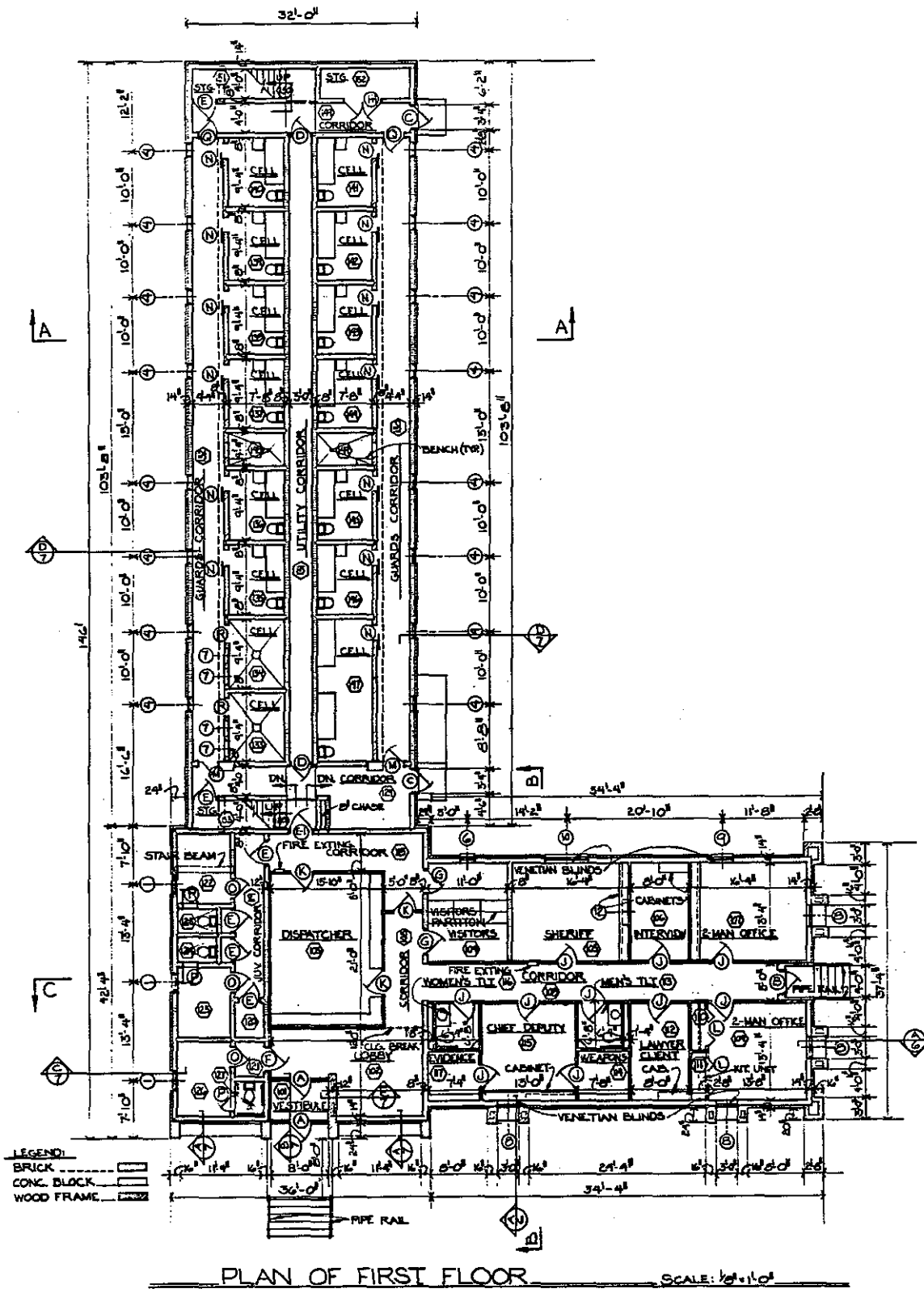
Jurisdiction official: Hugh M. Monteith, Jr., Sheriff

Contact: Sheriff Hugh M. Monteith, Jr., Tunica County Jail and Sheriff's Department, South Court Street, P.O. Box 25, Tunica, MS 38676, 601-363-1411

Architect: Pritchard & Nickles, Engineers/Planners, P.O. Box 727, 245 First South Street East, Tunica, MS 38676, 601-363-1811

Construction manager: Pritchard & Nickles, P.O. Box 727, 245 First South Street East, Tunica, MS 38676, 601-363-1811

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| <p>Groundbreaking: October 1978 Finish date: August 1980 Construction time: 22 months</p> | <p>Design capacity: 33 Total cost: \$816,893 Total annual operating costs: \$115,500</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$816,893 Building only: \$789,984 Housing area: \$469,768 Housing per inmate: \$15,659 Housing per cell: \$16,199 Total per inmate: N/A (complex) Total per GSF: \$71.83 Total annual operating costs: \$115,500</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 9,345 Gross square feet/other: 0 Gross square feet/total: 11,373 Housing area square feet: 7,227 Gross square feet per inmate: 283 Size of cells: 71 square feet (gen. single); 146 (double); 67 (spec. single) Net/gross square feet: 75%</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 32 Inmates per unit: 33 Management type: Intermittent surveillance September 1986 population: 38 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Bunk beds in cell; beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single fence; patrols Inmate security level: Maximum: 5% Medium 95% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load bearing CMU Exterior walls: CMU block; brick; architectural precast Interior walls: Precast panels; CMU block Exterior surface/facade: Brick; textured concrete</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; Federal funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; precast floor slabs and exterior stone fascia</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: None HVAC: Air conditioning; gas heat Plumbing: China; stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; thermal detectors</p> | <p>Inmate design capacity</p> <p>Single occupancy: 28 Double occupancy: 2 Dorms: 0 Special housing: 3 General population: 30 Total: 33</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 3 Programs/treatment: 0 Maintenance: 1 Total: 8 Current inmate/staff ratio: 4.75:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; simple construction methods, repetitiveness of design Negative: None</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; coordination of design between parties Negative: Weather problems; government procedures, regulations, and red tape</p> |



Clay County Detention Center

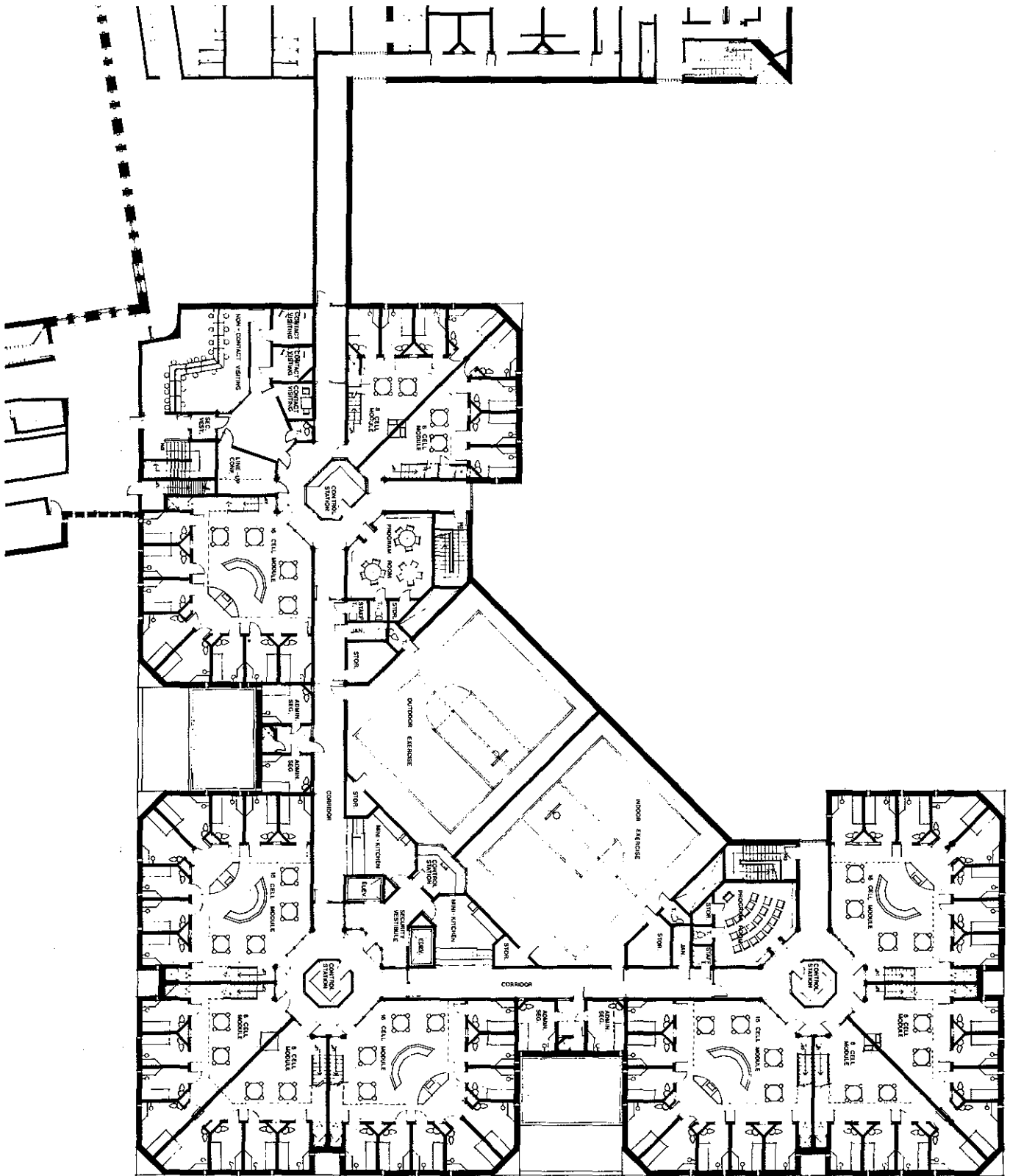
Jurisdiction official: Jack Corum, Sheriff

Contact: Captain Mary Richardson, Jail Administrator, Clay County Detention Center, 14 South Water Street, Liberty, MO 64068, 816-792-7625

Architect: Abend Singleton Associates, 20 West Ninth, Kansas City, MO 64105, 816-221-5011

Construction manager: Cecil Lovett, 27 South Leonard, Liberty, MO 64068, 816-781-4189

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| <p>Groundbreaking: December 1982 Finish date: February 1985 Construction time: 26 months</p> | <p>Design capacity: 161 Total cost: \$6,230,000 Total annual operating costs: \$1,464,949</p> | <p>Category: New, independent facility Facility type: County jail (as part of Justice Complex) Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$6,230,000 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$38,696 Total per GSF: \$102.98 Total annual operating costs: \$1,464,949</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 60,500 Gross square feet/other: 0 Gross square feet/total: 60,500 Housing area square feet: 34,600 Gross square feet per inmate: 376 Size of cells: 70 square feet (single); 90 square feet (double) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 10 to 20 Inmates per unit: 10 to 20 Management type: Remote surveillance October 1985 population: 131 Facility commitment: Local jail inmates Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 15% (design: 100%) Medium: 20% Minimum: 65%</p> | <p>Construction type</p> <p>Structural: Masonry Exterior walls: Masonry Interior walls: Masonry Exterior surface/facade: Masonry</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; heating includes computerized energy management system Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 100 Double occupancy: 32 Dorms: 0 Other: 20 Special housing: 9 General population: 152 Total: 161</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 5 Security: 38 Programs/treatment: 3 Maintenance: 5 Total: 51 Current inmate/staff ratio: 2.57:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; less expensive materials and hardware Negative: Slow construction, lengthy building time; difficult site conditions</p> <p>Factors affecting time schedule: Positive: None Negative: None</p> |



Fulton Reception and Diagnostic Center, Phase I

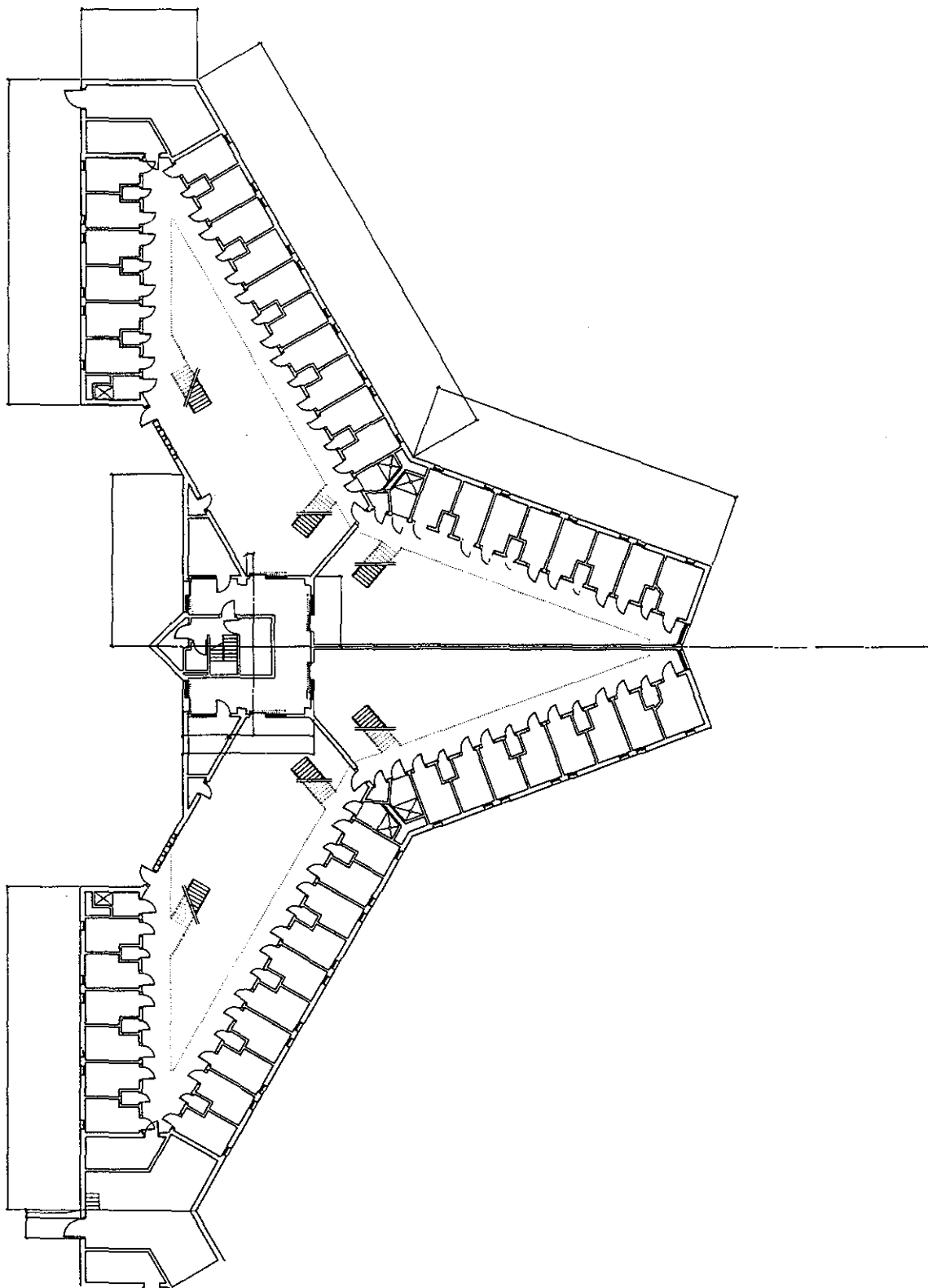
Jurisdiction official: Ernest L. Cowles, Director, Division of Classification and Treatment

Contact: Superintendent Ronald L. Smith, Fulton Reception and Diagnostic Center, P.O. Box 581, Fulton, MO 65251-0581, 314-642-1707

Architect: The Hoffmann Partnership, 710 North Second Street, Suite 500 South, St. Louis, MO 63102, 314-621-6600

Construction manager: CRS Constructors, Inc., Route 1, Box 241A, Fulton, MO 65251, 314-642-0311

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| <p>Groundbreaking: June 1985 Finish date: January 1987 Construction time: 19 months</p> | <p>Design capacity: 264 Total cost: \$16,800,000 Total annual operating costs: \$4,108,489</p> | <p>Category: New, independent facility Facility type: State prison—diagnostic and reception center Building configuration: Clusters; campus style</p> |
| <p>Costs</p> <p>Total: \$16,800,000 Building only: \$13,050,000 Housing area: \$6,300,000 Housing per inmate: \$24,609 Housing per cell: \$24,609 Total per inmate: \$63,636 Total per GSF: \$106.93 Total annual operating costs: \$4,108,489</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 157,107 Gross square feet/other: 0 Gross square feet/total: 157,107 Housing area square feet: 76,000 Gross square feet per inmate: 595 Size of cells: 83 square feet (gen. single); 145 (spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 64 Inmates per unit: 64 Management type: Remote surveillance November 1987 population: 391 Facility commitment: State prisoners Means to handle crowding: Double bunking; Phase II under construction</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection system; razor wire on fences; towers; patrols; camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame; load bearing masonry walls Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds; State bond issue Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking; manual locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Circulating hot water; ventilation in cells and dayrooms Plumbing: Stainless steel Furniture: Steel; wood Fire protection: Smoke detectors and sprinklers for common areas; return air ducts from cells have smoke detectors</p> | <p>Inmate design capacity</p> <p>Single occupancy: 256 Double occupancy: 0 Dorms: 0 Special housing: 8 General population: 256 Total: 264</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 53 Security: 101 Programs/treatment: 42 Maintenance: 17 Total: 213 Current inmate/staff ratio: 1.85:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties; good material supply response Negative: Weather problems; complex electronic, mechanical, and electrical systems</p> |



Missouri Eastern Correctional Center

Jurisdiction official: Dick D. Moore, Director, Department of Corrections and Human Resources

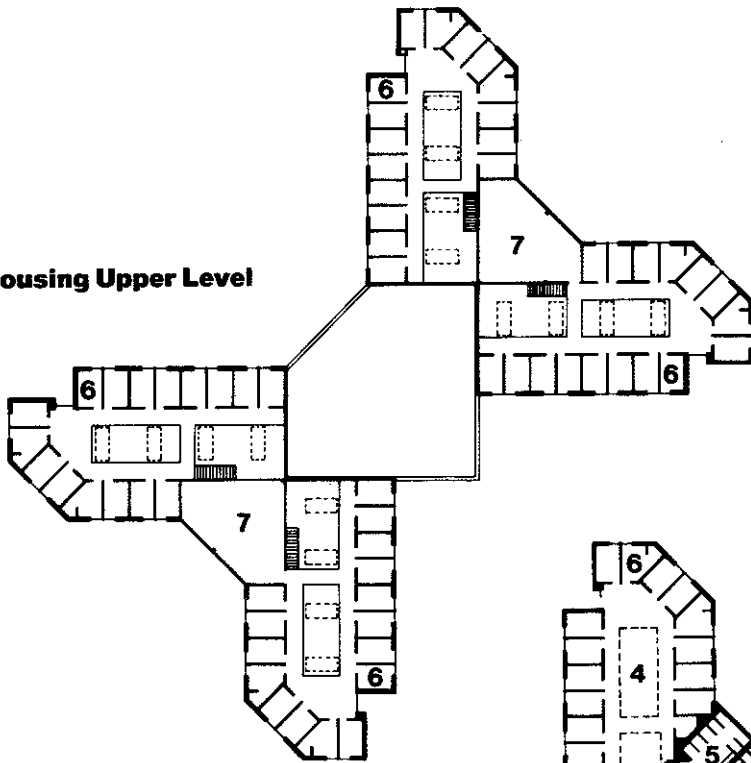
Contact: Myrna E. Trickey, Superintendent, Missouri Eastern Correctional Center, Pacific, MO 63069, 314-257-3322

Architect: Hellmuth, Obata & Kassabaum, Inc., 100 North Broadway, St. Louis, MO 63102, 314-421-2000

Construction manager: McBro Planning & Development, 1341 North Rock Hill Road, St. Louis, MO 63126, 314-968-0825

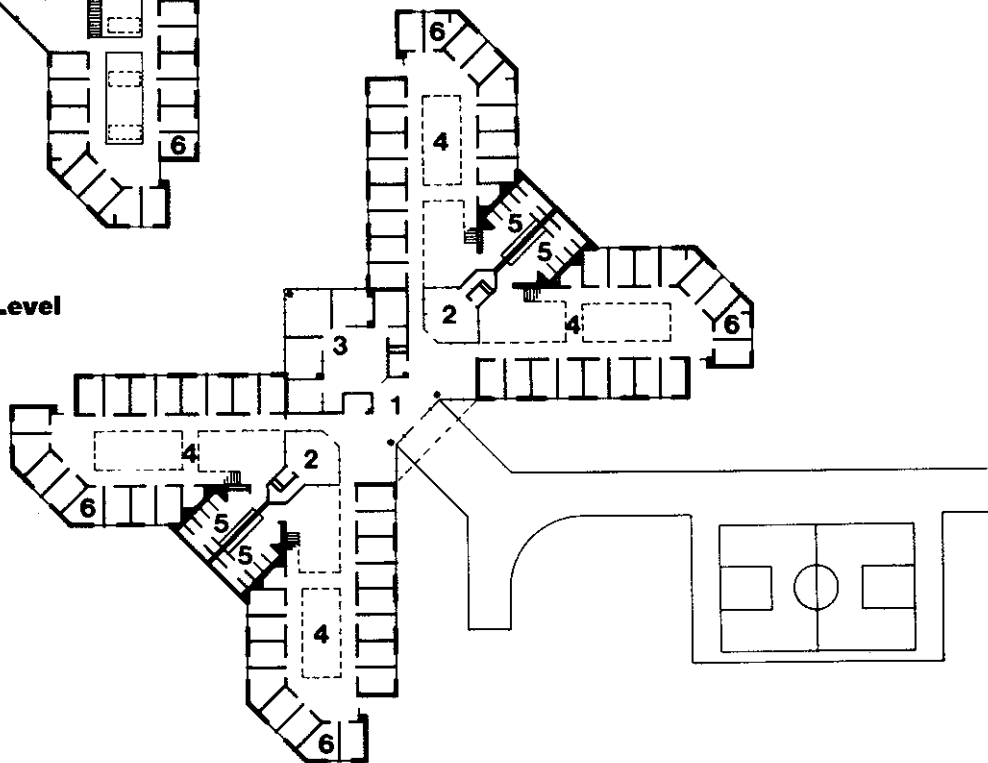
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| <p>Groundbreaking: December 1978 Finish date: August 1981 Construction time: 32 months</p> | <p>Design capacity: 560 Total cost: \$20,509,000 Total annual operating costs: \$7,571,666</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$20,509,000 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$36,623 Total per GSF: \$79.70 Total annual operating costs: \$7,571,666</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 257,330 Gross square feet/other: 0 Gross square feet/total: 257,330 Housing area square feet: 106,000 Gross square feet per inmate: 460 Size of cells: 75 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 32 Inmates per unit: 32 Management type: Remote surveillance October 1985 population: 1,028 Facility commitment: State prisoners Means to handle crowding: Double bunking all available space; mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fence; towers Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Structural: CIP concrete frame (housing); steel frame (ancillary buildings) Exterior walls: Brick; metal panels Interior walls: CMU block Exterior surface/facade: Brick; painted metal panels</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: One-way to cells and common areas HVAC: Heating/air circulation only Plumbing: Stainless steel; china Furniture: Steel Fire protection: Smoke detectors for cells</p> | <p>Single occupancy: 512 Double occupancy: 0 Dorms: 0 Special housing: 48 General population: 512 Total: 560</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 17 Security: 143 Programs/treatment: 34 Maintenance: 26 Total: 220 Current inmate/staff ratio: 4.67:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Campus plan and repetitive, prototypical housing units Negative: Difficult site conditions (had to provide own water system)</p> <p>Factors affecting time schedule: Positive: Phased construction, fast track construction management Negative: None</p> |

Typical Housing Upper Level



Typical Housing Lower Level

- 1 Entrance
- 2 Control
- 3 Unit Management
- 4 Dayroom
- 5 Toilets/Showers
- 6 Cells
- 7 Mechanical



Chouteau County Law Enforcement Facility

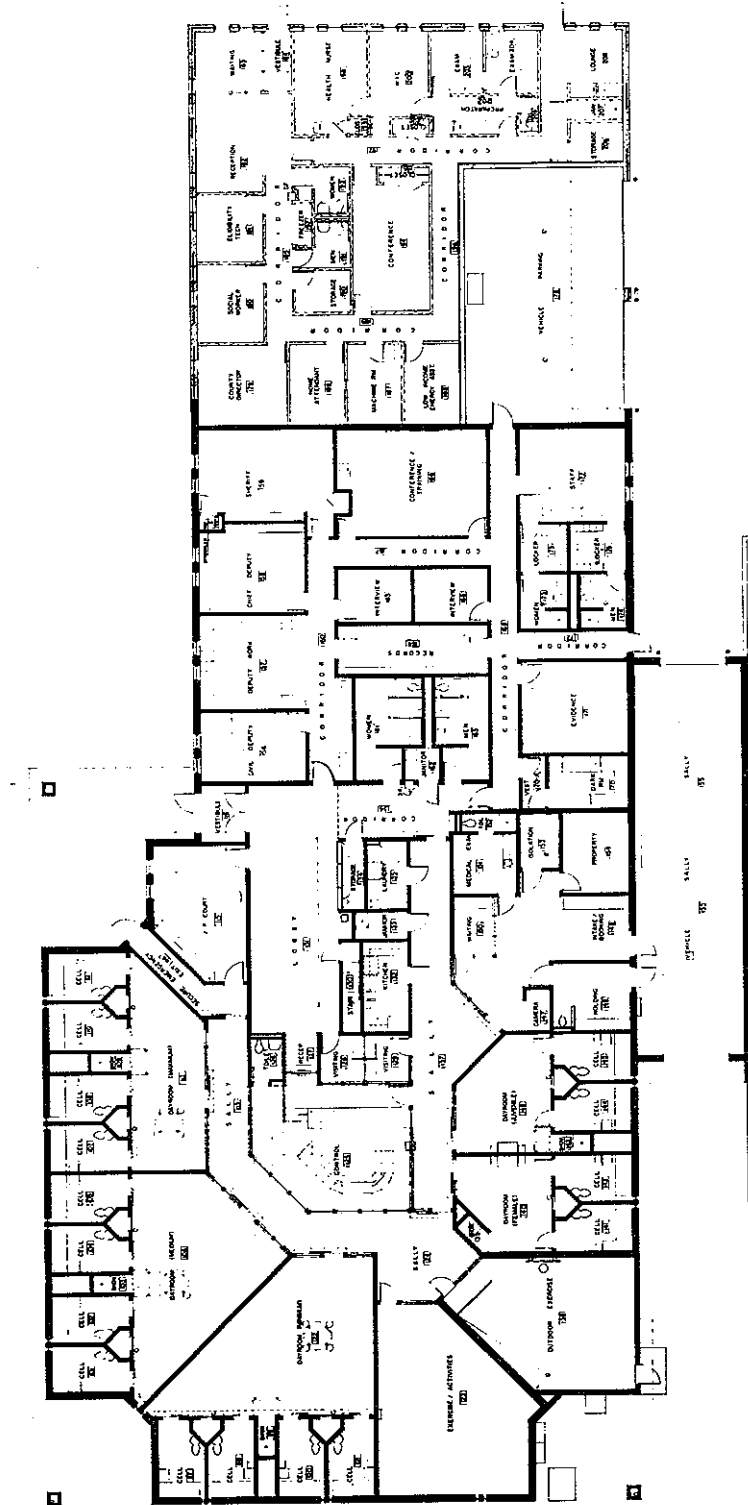
Jurisdiction official: Paul F. Williams, Sheriff

Contact: Sheriff Paul F. Williams, Chouteau County Law Enforcement Facility, 1215 Washington, Fort Benton, MT 59442, 406-622-5451

Architect: Page-Werner & Partners, 300 4th Street North, P.O. Box 3005, Great Falls, MT 59403, 406-727-4405

Construction manager: None

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| <p>Groundbreaking: May 1985 Finish date: February 1986 Construction time: 9 months</p> | <p>Design capacity: 35 Total cost: \$1,415,500 Total annual operating costs: \$108,800</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enf., courts, Health & Human Services Admin. office Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$1,415,500 Building only: \$1,385,500 Housing area: \$803,172 Housing per inmate: \$25,099 Housing per cell: \$50,198 Total per inmate: N/A (complex) Total per GSF: \$80.62 Total annual operating costs: \$108,800</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 7,147 Gross square feet/other: 10,411 Gross square feet/total: 17,558 Housing area square feet: 7,147 Gross square feet per inmate: 204 Size of cells: 83 square feet (double) Net/gross square feet: 74%</p> <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block Interior walls: Cast-in-place concrete; CMU block; steel stud framing Exterior surface/facade: Textured concrete block (colored) with metal fascia</p> <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 32 Dorms: 0 Special housing: 3 General population: 32 Total: 35</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 0 Security: 9 Programs/treatment: 0 Maintenance: 1 Total: 10 Current inmate/staff ratio: .70:1</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 4 Inmates per unit: 8 Management type: Remote surveillance; direct, one-way observation January 1987 population: 7 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> <p>Construction process</p> <p>Finance method: G.O. Bonds; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 25% Medium: 25% Minimum: 25% Other: 25%</p> | | |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking; remote locking Intercom: Two-way to cells HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Steel; wood Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Complex electronic, mechanical, and electrical systems</p> |



Jefferson County Criminal Justice Center (Addition)

Jurisdiction official: Douglas Schmitz, Chairman, Board of County Commissioners

Contact: Sheriff Tom Dawson, Jefferson County Criminal Justice Center, Courthouse Square, Boulder, MT 59632, 406-225-3323

Architect: Schutz Foss Architects, 208 North 29th Street, Suite 201, Billings, MT 59101, 406-252-9218

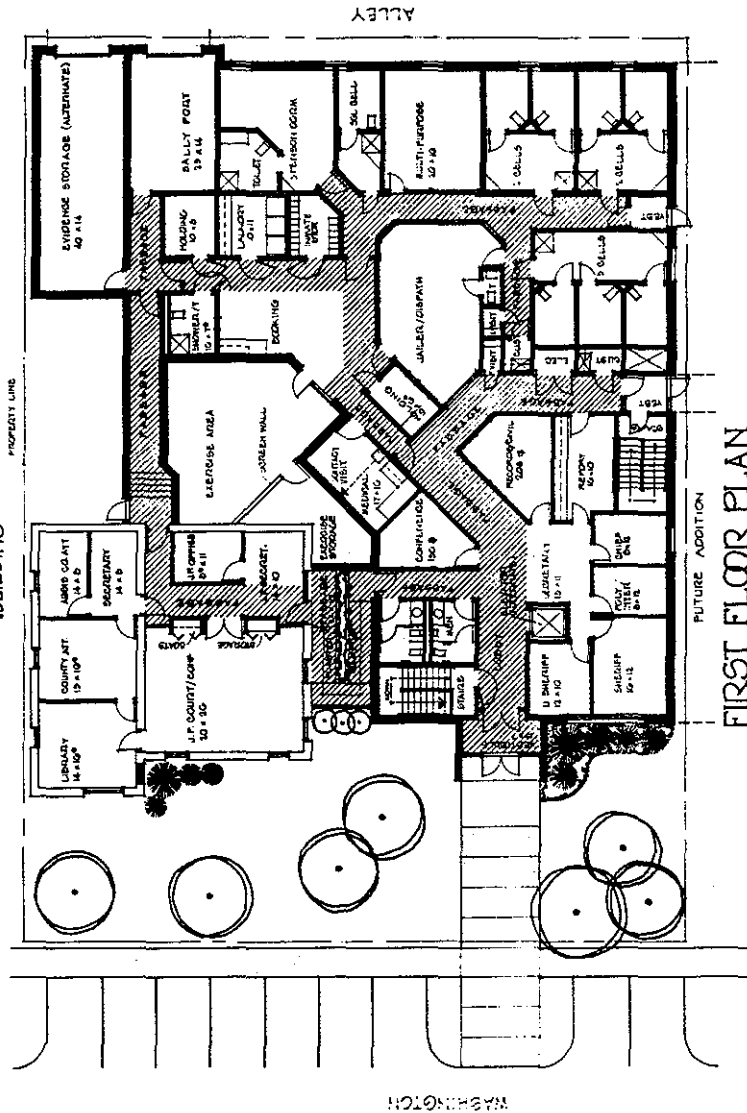
Construction manager: None

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| <p>Groundbreaking: May 1985 Finish date: April 1986 Construction time: 11 months</p> | <p>Design capacity: 14 Total cost: \$1,200,000 Total annual operating costs: \$43,500 (addition only)</p> | <p>Category: New, ancillary building Facility type: Complex: county jail, law enforcement, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,200,000 Building only: \$1,179,433 Housing area: \$505,050 Housing per inmate: \$45,914 Housing per cell: \$56,117 Total per inmate: N/A (complex) Total per GSF: \$92.01 Total annual operating costs: \$43,500 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 4,550 Gross square feet/other: 8,492 Gross square feet/total: 13,042 Housing area square feet: 4,550 Gross square feet per inmate: 325 Size of cells: 75 square feet (single); 285 (gen. dorm); 140 (spec. double) Net/gross square feet: 85%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 3 Inmates per unit: 3 Management type: Intermittent surveillance; direct supervision October 1986 population: 5 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 0 Medium: 70% Minimum: 30%</p> | <p>Construction type</p> <p>Structural: Load bearing CMU walls and steel frame Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Unknown Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Heating/air circulation Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 8 Double occupancy: 0 Dorms: 3 Special housing: 3 General population: 11 Total: 14</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 2 Programs/treatment: 0 Maintenance: 0 Total: 3 (addition only) Current inmate/staff ratio: 1.67:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties; good plans and well-managed construction team Negative: Slow responses and delivery from vendors, suppliers</p> |



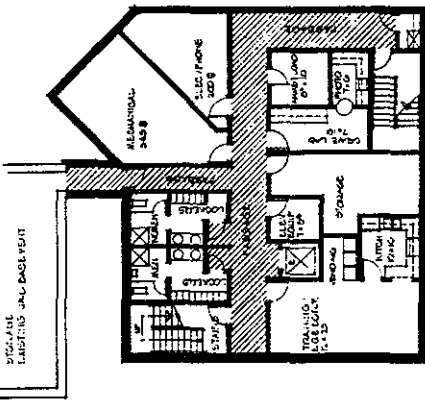
WEST ELEVATION

EXISTING JAIL BUILDING



FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"
1145 00 11 10/20/04



BASEMENT FLOOR PLAN

SCALE: 1/8" = 1'-0"
1145 00 11 10/20/04

Lewis and Clark County Criminal Justice Facility

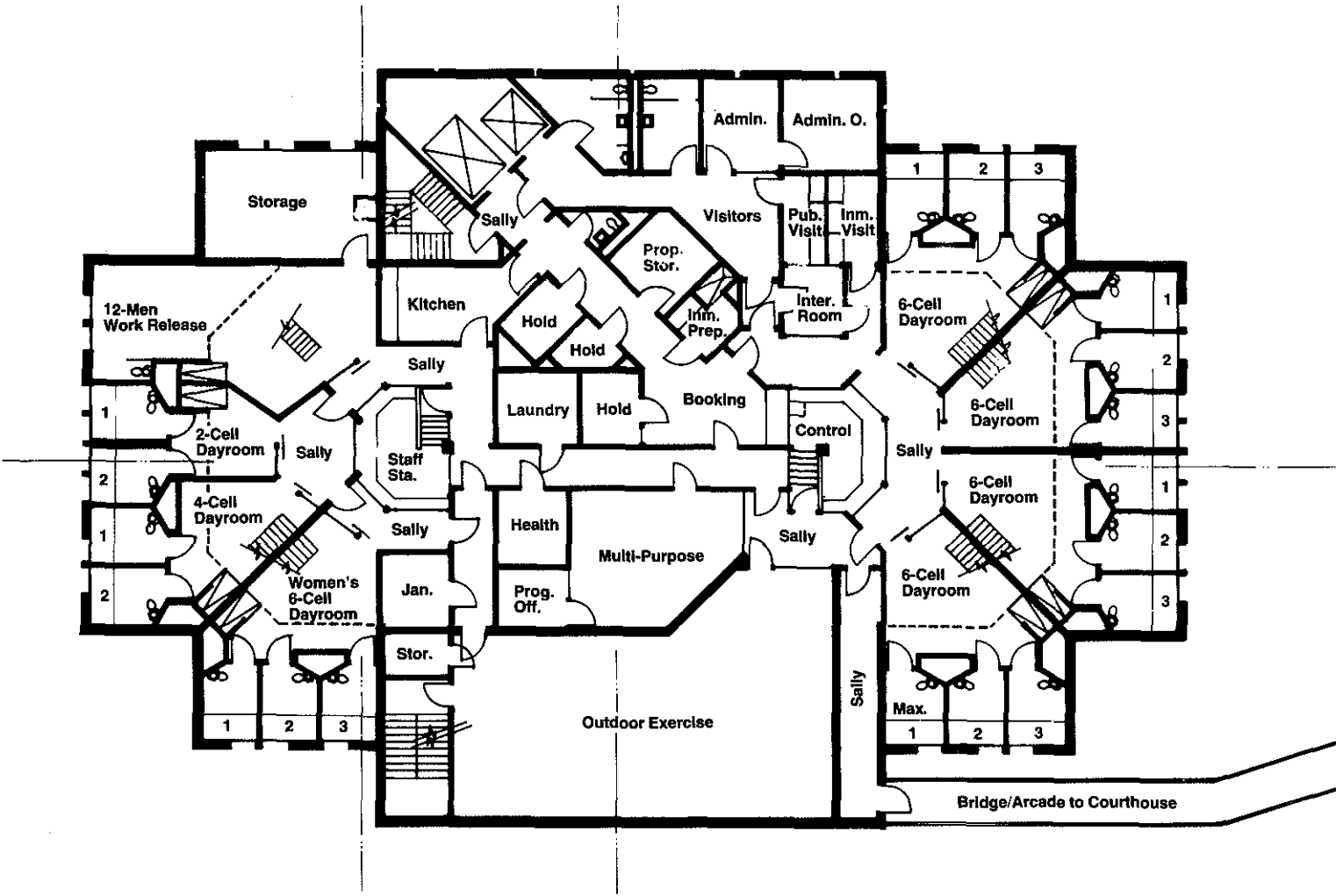
Jurisdiction official: Charles M. O'Reilly, Sheriff

Contact: Captain Robert Bourassa, Lewis and Clark County Criminal Justice Facility, 221 Breckenridge, Helena, MT 59601, 406-443-1010

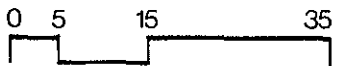
Architects: Davidson/Kuhr Architects PC, Post Office Box 3064, Great Falls, MT 59403, 406-761-2277
The NBBJ Group, 111 South Jackson Street, Seattle, WA 98104, 206-223-5555

Construction manager: None

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| <p>Groundbreaking: June 1983 Finish date: October 1985 Construction time: 28 months</p> | <p>Design capacity: 48 Total cost: \$3,310,700 Total annual operating costs: \$258,229</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,310,700 Building only: \$3,130,200 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$77.40 Total annual operating costs: \$258,229</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 22,275 Gross square feet/other: 20,495 Gross square feet/total: 42,770 Housing area square feet: 15,640 Gross square feet per inmate: 464 Size of cells: 72 square feet (single) Net/gross square feet: 83%</p> <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: 4" brick/3" rigid insul./6" RCMU Interior walls: Precast panels; CIP concrete; CMU block; 5/8" GBDW over metal studs Exterior surface/facade: Brick</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 6 Inmates per unit: 6 Management type: Remote surveillance October 1985 population: 34 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: N/A</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 17% Medium: 58% Minimum: 25%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 36 Double occupancy: 2 Dorms: 10 Special housing: 0 General population: 48 Total: 48</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 10 Programs/treatment: 0 Maintenance: 1 Total: 12 Current inmate/staff ratio: 2.83:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; selected floor slabs; core slabs; steel roof framing</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Motor driven and remote locking; remote locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; exhaust air heat reclaim; hot water boiler, heat pumps Plumbing: Stainless combination unit (penal type) Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Repetitiveness of design; good competition, favorable market; good soil conditions Negative: Slow construction; restricted site size; complex electronic, mechanical, and electrical systems; jail on top floor; complex building shape</p> <p>Factors affecting time schedule: Positive: Simple construction methods, single construction contract; use of prefab. components Negative: Slow responses and delivery from vendors; labor problems; weather problems; complex electronic, mechanical, and electrical systems; jail on top floor; restricted site size</p> | |



Detention Level One

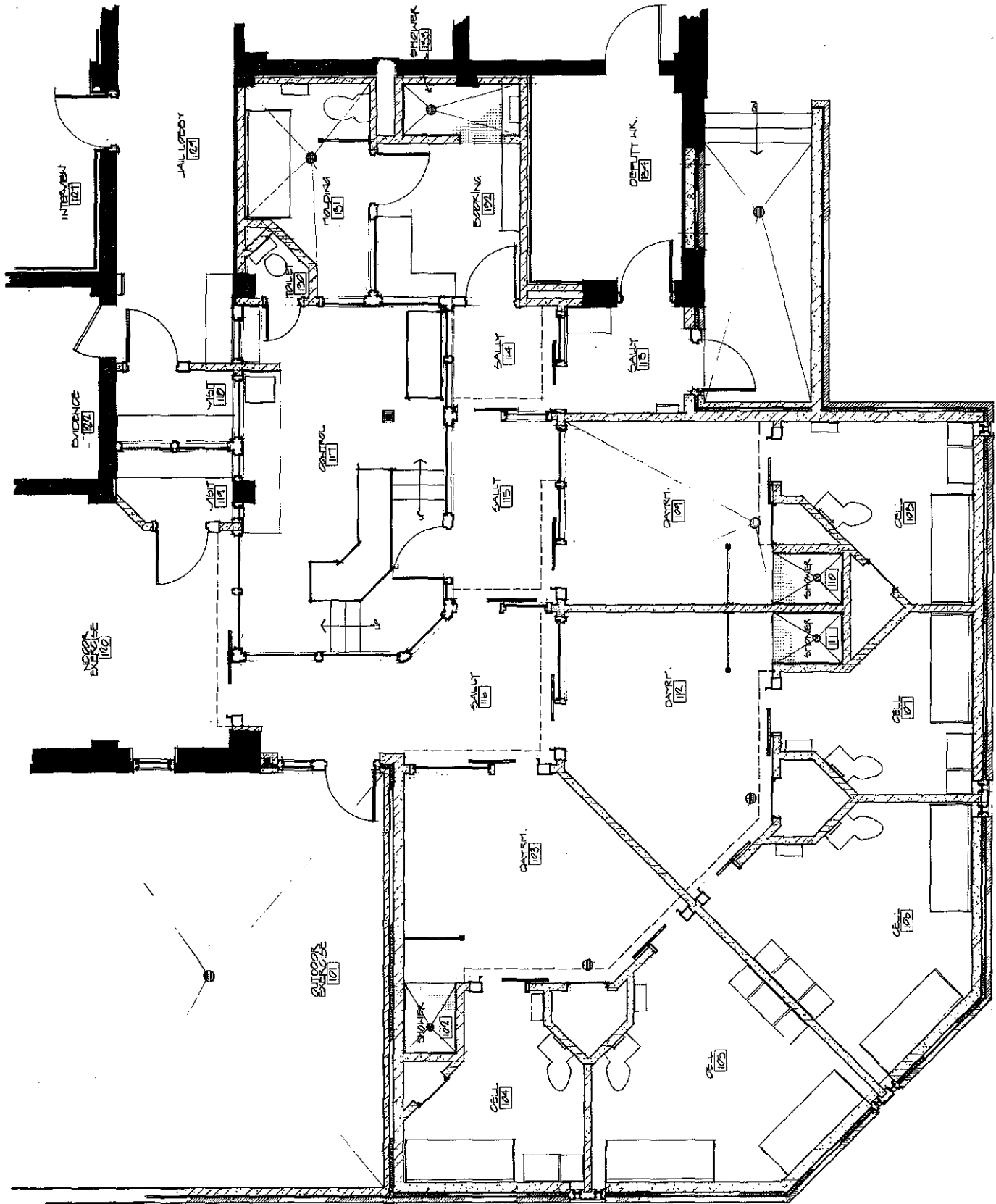


Pondera County Jail (Remodel/Expansion)

Jurisdiction official: Leon D. Simpson, Sheriff

Contact: Robert L. Stocker, Jail Administrator, Pondera County Jail, 20 4th Avenue South, Conrad, MT 59425, 406-278-7681
Architect: Page-Werner, P.C., P.O. Box 3005, Great Falls, MT 59403, 406-727-4405
Construction manager: Page-Werner, P.C., P.O. Box 3005, Great Falls, MT 59403, 406-727-4405

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| <p>Groundbreaking: March 1986 Finish date: December 1986 Construction time: 9 months</p> | <p>Design capacity: 8 Total cost: \$1,235,740 Total annual operating costs: N/A (expansion)</p> | <p>Category: Remodeling/renovation project; expansion project Facility type: Complex: county jail, law enforcement, courts Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$1,235,740 Building only: Unknown Housing area: \$340,000 Housing per inmate: \$48,571 Housing per cell: \$68,000 Total per inmate: N/A (complex) Total per GSF: \$256.17 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 2,622 Gross square feet/other: 2,202 Gross square feet/total: 4,824 Housing area square feet: 2,622 Gross square feet per inmate: 328 Size of cells: 83 square feet (gen. single); 165 (double) Net/gross square feet: 84%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod; single quadrant configuration Cells per unit: 5 Inmates per unit: 7 Management type: Remote surveillance December 1987 population: 2 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Second bunk</p> |
| <p>Security</p> <p>Perimeter: Video camera surveillance Inmate security level: Maximum: 20% Medium: 80% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame; cast-in-place concrete frame Exterior walls: Brick; architectural precast Interior walls: CMU block; brick Exterior surface/facade: Brick; colored concrete</p> | <p>Construction process</p> <p>Finance method: Revenue sharing; Federal funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; architectural precast</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; gas-fired steam boiler Plumbing: Stainless steel Furniture: Steel Fire protection: Sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 3 Double occupancy: 4 Dorms: 0 Special housing: 1 General population: 7 Total: 8</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 11 Programs/treatment: 0 Maintenance: 2 Total: 17 Current inmate/staff ratio: .12:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Lengthy building time, courthouse and sheriff's office operational during construction; intricate masonry work to conform to original courthouse detailing; complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Coordination of design between parties Negative: Slow delivery from suppliers; material delivery problems</p> |



Yellowstone County Detention Facility

Jurisdiction official: Mike Schafer, Sheriff

Contact: Lt. Rickard A. Ross, Commander, Yellowstone County Detention Facility, 3165 King Avenue, East Billings, MT 59101, 406-256-6884

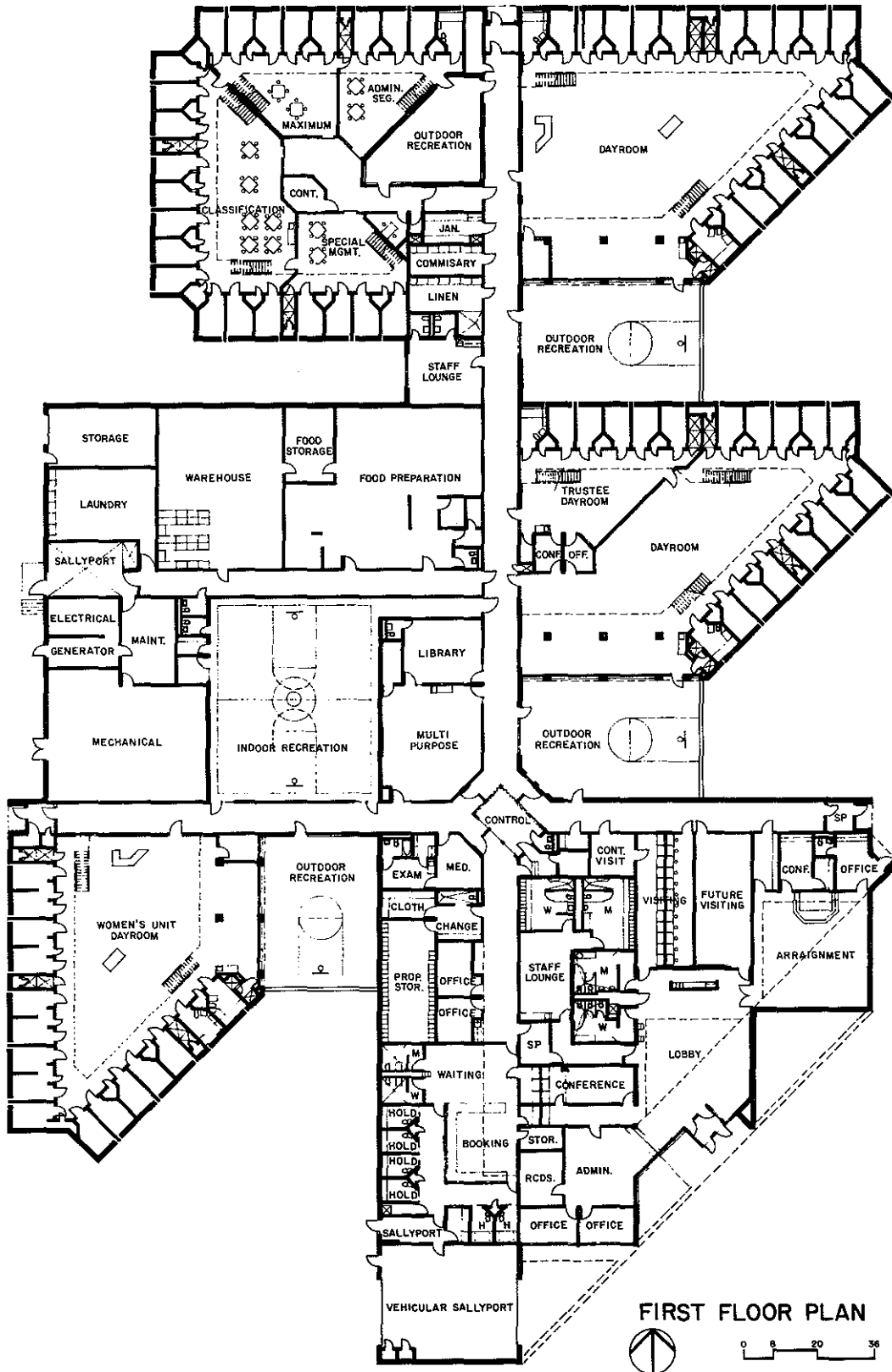
Architects: Dana Larson Roubal & Associates/DLR Group, 2929 Third Avenue North, First Federal Building, Suite 206, Billings, MT 59101, 406-245-6201

Lescher and Mahoney/DLR Group, 1130 East Missouri, Suite 850, Phoenix, AZ 85014, 602-264-6803

Miller Levine Architects, P.C., 3111 1st Avenue North, Billings, MT 59101, 406-245-0947

Construction manager: None

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| <p>Groundbreaking: October 1985 Finish date: June 1987 Construction time: 20 months</p> | <p>Design capacity: 174 Total cost: \$7,607,597 Total annual operating costs: \$1,550,567</p> | <p>Category: New, independent facility Facility type: Complex: county jail, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$7,607,597 Building only: \$7,146,058 Housing area: \$4,706,693 Housing per inmate: \$37,355 Housing per cell: \$37,355 Total per inmate: N/A (complex) Total per GSF: \$102.32 Total annual operating costs: \$1,550,567</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 72,755 Gross square feet/other: 1,598 Gross square feet/total: 74,353 Housing area square feet: 48,972 Gross square feet per inmate: 418 Size of cells: 70 square feet (single) Net/gross square feet: 85%</p> <p>Construction type</p> <p>Structural: CMU walls; poured-in-place concrete floors; precast concrete tees/hollowcore roof Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Brick</p> <p>Inmate design capacity</p> <p>Single occupancy: 126 Double occupancy: 0 Dorms: 0 Special housing: 48 General population: 126 Total: 174</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 3 Security: 32 Programs/treatment: 3 Maintenance: 4 Total: 42 Current inmate/staff ratio: 2:1</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 44 Inmates per unit: 44 Management type: Direct supervision October 1987 population: 84 Facility commitment: Local jail inmates Means to handle crowding: Not necessary—court-ordered cap on population</p> <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; precast concrete roof, hollowcore slabs-short, double tees-long</p> |
| <p>Security</p> <p>Perimeter: Video camera surveillance; chain link fence Inmate security level: Maximum: 28% Medium: 72% Minimum: 0</p> | | |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Remote locking; manual locking Floor surface: Carpet; vinyl tile Intercom: Two-way to common areas and dayrooms HVAC: Air conditioning; gas heat Plumbing: Stainless steel; china Furniture: Steel; wood; vinyl/plastic Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Quality of bidding documents; favorable bidding climate Negative: None</p> <p>Factors affecting time schedule: Positive: Overcrowding of existing jail; need to have construction underway before onset of winter; mild winter facilitated contractor's schedule Negative: Government procedures and regulations; passing of bond issue (funding) failed first attempt, delaying project 6 months</p> |



Dodge County Judicial Center

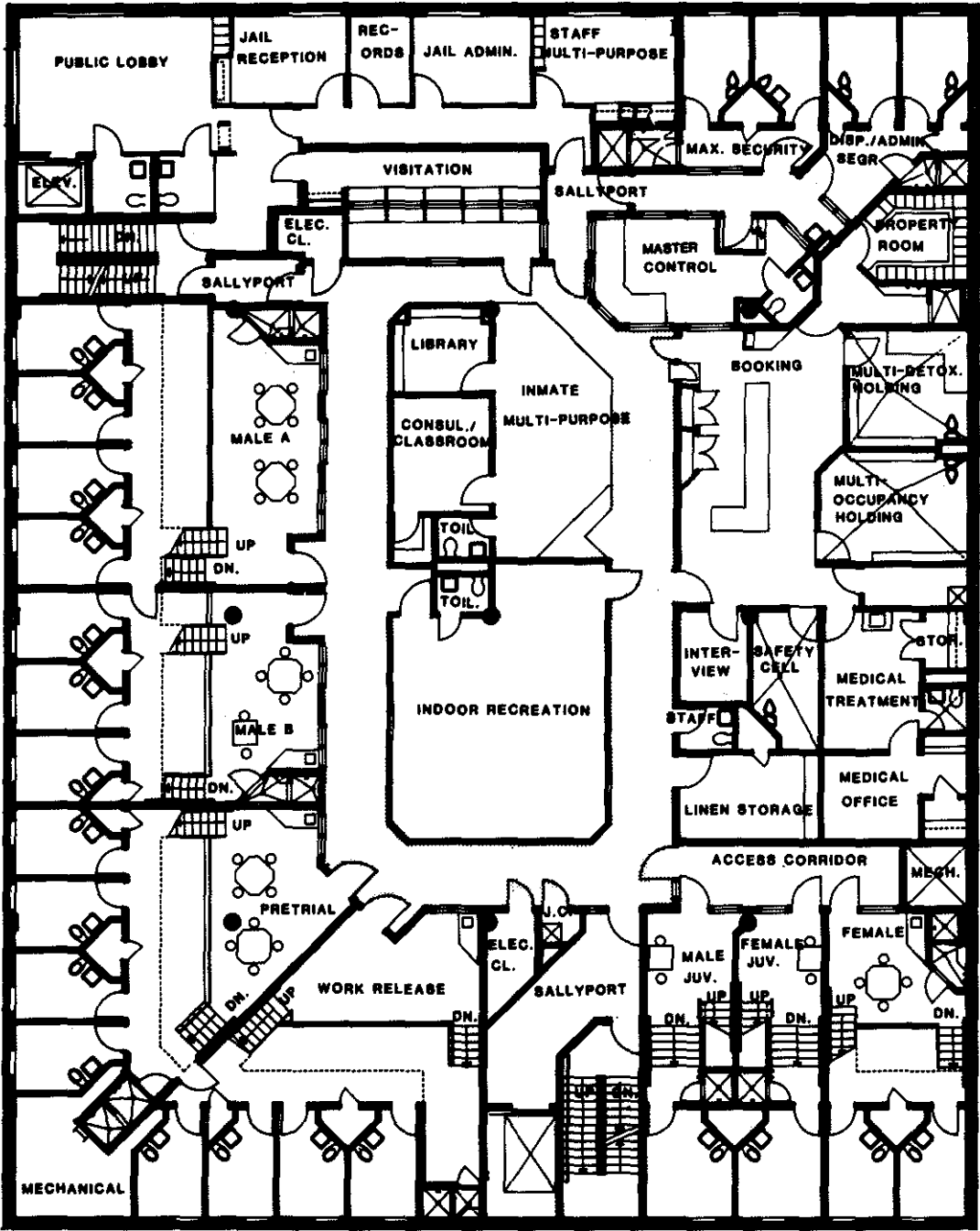
Jurisdiction official: Dan Weddle, Sheriff

Contact: William Steyer, Jail Administrator, Dodge County Judicial Center, 4th and Broad Street, Fremont, NE 68025, 402-721-1962

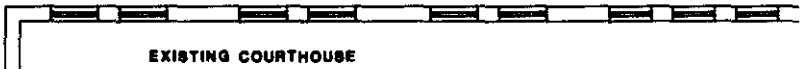
Architect: Dana Larson Roubal and Associates, 400 Essex Court Omaha, NE 68114, 402-393-4100

Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: June 1985 Finish date: November 1986 Construction time: 17 months</p> | <p>Design capacity: 43 Total cost: \$3,259,060 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: Complex: county jail, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,259,060 Building only: \$3,124,060 Housing area: \$1,250,000 Housing per inmate: \$41,667 Housing per cell: \$41,667 Total per inmate: N/A (complex) Total per GSF: \$93.28 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 22,688 Gross square feet/other: 18,562 Gross square feet/total: 41,250 Housing area square feet: 9,625 Gross square feet per inmate: 528 Size of cells: 70 square feet (single) Net/gross square feet: 69%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 2 to 8 Inmates per unit: 2 to 8 Management type: Intermittent surveillance December 1987 population: 32 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 12% Medium: 88% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Brick; architectural precast Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Lease purchase bonds Contract method: Separate contracts Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Carpet; sealed concrete; vinyl tile Intercom: Two-way to common areas; two-way radios HVAC: Air conditioning; gas heat Plumbing: China Furniture: Steel; wood Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 30 Double occupancy: 0 Dorms: 0 Special housing: 13 General population: 30 Total: 43</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 18 Programs/treatment: 1 Maintenance: 1 Total: 22 Current inmate/staff ratio: 1.45:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers</p> |



2ND FLOOR PLAN

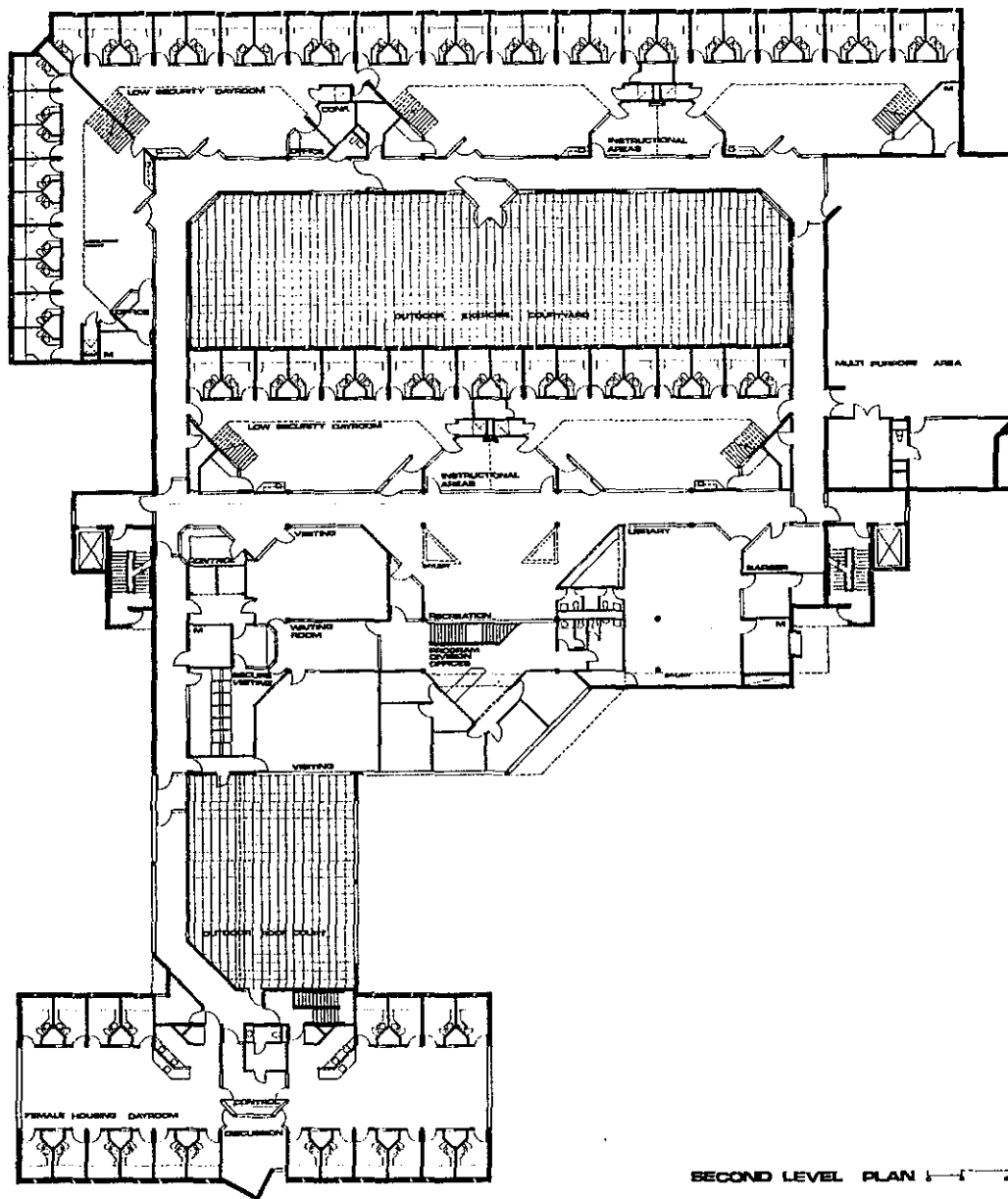


Douglas County Correctional Center

Jurisdiction official: Michael Kelly, County Commissioner

Contact: Joseph Vitek, Director, Douglas County Correctional Center, 710 South 17 Street, Omaha, NE 68102, 402-444-7400
Architect: Dana Larson Roubal/Lescher & Mahoney, Inc., 1130 East Missouri, Suite 850, Phoenix, AZ 85014, 602-264-6803
Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: January 1977 Finish date: July 1979 Construction time: 31 months</p> | <p>Design capacity: 204 Total cost: \$4,636,423 Total annual operating costs: \$4,000,000</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$4,636,423 Building only: \$4,200,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$22,728 Total per GSF: \$54.55 Total annual operating costs: \$4,000,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 84,995 Gross square feet/other: 0 Gross square feet/total: 84,995 Housing area square feet: 60,000 Gross square feet per inmate: 417 Size of cells: 70 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 16 to 20 Inmates per unit: 16 to 20 Management type: Direct supervision October 1985 population: 300 Facility commitment: Local jail inmates; felony pretrial detainees Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Structural: Poured-in-place concrete; load bearing masonry Exterior walls: Cast-in-place concrete; brick Interior walls: Cast-in-place concrete; brick Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: Local funds; Federal funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; precast concrete tees for roof</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden; steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Carpet; vinyl composition tile Intercom: Dayrooms and control rooms HVAC: Heating/air circulation only; solar heating Plumbing: China Furniture: Wood; vinyl/plastic Fire protection: Smoke detectors for cells, corridors, and dayrooms</p> | <p>Inmate design capacity</p> <p>Single occupancy: 202 Double occupancy: 0 Dorms: 0 Special housing: 2 General population: 202 Total: 204</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 15 Security: 100 Programs/treatment: 15 Maintenance: 30 Total: 160 Current inmate/staff ratio: 1.87:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: None Negative: Hardware costs (security); lack of program definition</p> <p>Factors affecting time schedule: Positive: Good client Negative: Court mandate to complete</p> |



SECOND LEVEL PLAN 1-1-2

Nebraska State Penitentiary (Addition)

Jurisdiction official: Frank O. Gunter, Director, Department of Correctional Services

Contact: Warden Gary Grammer, Nebraska State Penitentiary, P.O. Box 2500, Station B, Lincoln, NE 68502, 402-471-3161

Architects: Leo A. Daly, 8600 Indian Hills Drive, Omaha, NE 68114, 402-391-8111

Curtis and Davis, Architects and Planners, Inc., 512 South Peters Street, New Orleans, LA 70130, 504-522-3656

Construction manager: None

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| <p>Groundbreaking: April 1979 Finish date: August 1982 Construction time: 40 months</p> | <p>Design capacity: 320 Total cost: \$14,500,000 Total annual operating costs: \$9,149,393 (addition only)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$14,500,000 Building only: \$11,850,000 Housing area: \$4,921,000 Housing per inmate: \$20,504 Housing per cell: \$20,504 Total per inmate: \$45,313 Total per GSF: \$105.24 Total annual operating costs: \$9,149,393 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 137,776 Gross square feet/other: 0 Gross square feet/total: 137,776 Housing area square feet: 66,732 Gross square feet per inmate: 431 Size of cells: 74 square feet (single) Net/gross square feet: 62%</p> | <p>Inmate housing areas</p> <p>Design: Linear 'X' with dining at center Cells per unit: 80 Inmates per unit: 80 Management type: Remote surveillance September 1986 population: 684 Facility commitment: State prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; towers; patrols Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame; load bearing CMU block walls Exterior walls: Brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Carpet; vinyl tile Intercom: Two-way to common areas HVAC: Air conditioning; steam heat Plumbing: Stainless combination unit Furniture: Steel; wood Fire protection: Smoke detectors for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 240 Double occupancy: 0 Dorms: 0 Special housing: 80 General population: 240 Total: 320</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 46 Security: 223 Programs/treatment: 34 Maintenance: 48 Total: 351 Current inmate/staff ratio: 1.95:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple const. methods, repetitiveness of design; CMU walls; poured-in-place concrete; good competition; utility plant Negative: Difficult site conditions; complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Simple const. methods, repetitiveness of design; CMU walls; poured-in-place concrete; coordination of design; single construction contract Negative: Slow delivery from vendors; weather problems; complex electronic and mechanical systems</p> |

Clark County Detention Center

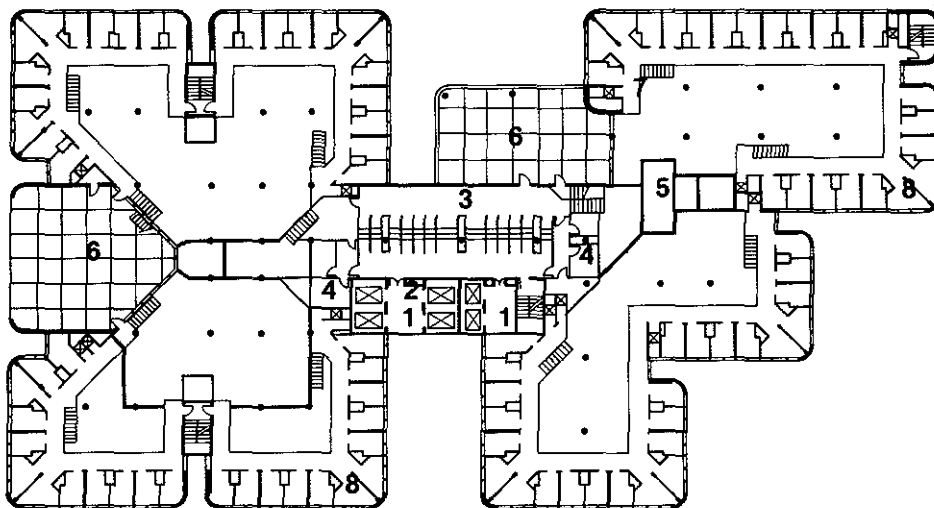
Jurisdiction official: John T. Moran, Sheriff

Contact: Gordon Yach, Director, Clark County Detention Center, 330 South Casino Center Boulevard, Las Vegas, NV 89101, 702-383-7650

Architect: Hellmuth, Obata & Kassabaum, Inc., One Lombard Street, San Francisco, CA 94111, 415-627-1600

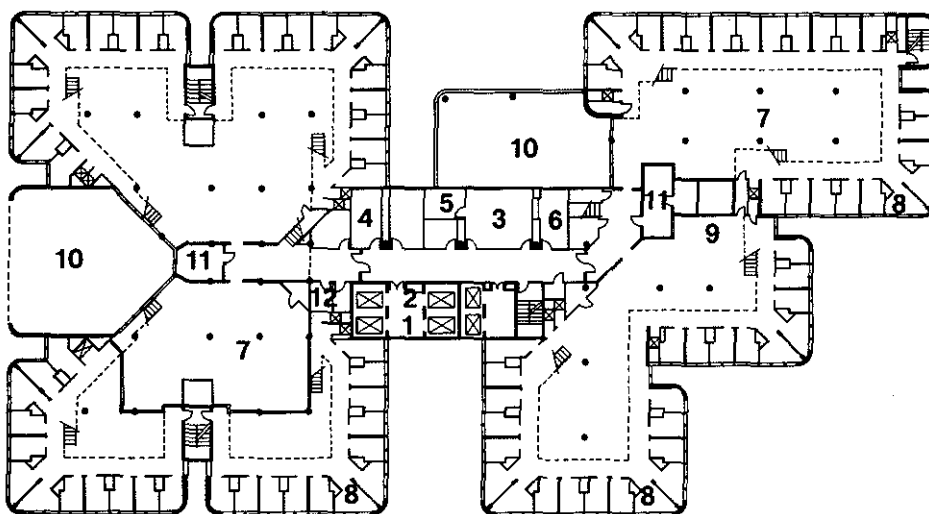
Construction manager: None

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| <p>Groundbreaking: June 1981 Finish date: June 1984 Construction time: 36 months</p> | <p>Design capacity: 850 Total cost: \$43,500,000 Total annual operating costs: \$17,586,658</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure; high rise; clusters</p> |
| <p>Costs</p> <p>Total: \$43,500,000 Building only: \$43,000,000 Housing area: \$28,140,000 Housing per inmate: \$35,175 Housing per cell: \$35,175 Total per inmate: \$51,176 Total per GSF: \$124.29 Total annual operating costs: \$17,586,658</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 350,000 Gross square feet/other: 0 Gross square feet/total: 350,000 Housing area square feet: 234,500 Gross square feet per inmate: 412 Size of cells: 71 square feet (single) Net/gross square feet: 70%</p> | <p>Inmate housing areas</p> <p>Design: Modular Cells per unit: 48-49 Inmates per unit: 48-49 Management type: Direct supervision; remote surveillance October 1985 population: 915 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Bunk beds in dayrooms of intake</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 12% Medium: 63% Minimum: 25%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Prefab. panels using tile surface, metal frame, batt insulation, plaster Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Tile</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Limited; exterior wall</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Carpet; epoxy coating; sealed concrete; vinyl tile Intercom: Two-way to cells; one-way to common areas HVAC: Air conditioning Plumbing: Stainless Furniture: Wood; vinyl/plastic Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 800 Double occupancy: 0 Dorms: 0 Special housing: 50 General population: 800 Total: 850</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 154 Security: 289 Programs/treatment: 28 Maintenance: 34 Total: 505 Current inmate/staff ratio: 1.81:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; direct supervision; extensive value engineering Negative: Complex electronic, mechanical, and electrical systems; use of four bid packages</p> <p>Factors affecting time schedule: Positive: Phased construction, fast track construction management; tight contract with general contractor that specified schedule Negative: Use of four bid packages</p> |



Mezzanine Level

- | | | |
|-------------------|--------------------|----------------|
| 1 Sally Port | 4 Meeting Room | 7 Showers |
| 2 Secure Elevator | 5 Control Below | 8 Typical Cell |
| 3 Visiting | 6 Outdoor Exercise | |



Main Level

- | | | |
|-------------------|----------------|---------------------------|
| 1 Sally Port | 5 Storage | 9 Food Service |
| 2 Secure Elevator | 6 Commissary | 10 Outdoor Exercise Above |
| 3 Multi-purpose | 7 Dayroom | 11 Control |
| 4 Sick Call | 8 Typical Cell | 12 Counseling |

Camden County Correctional Facility

Jurisdiction official: William J. Simon, Sheriff

Contact: Warden William C. Strang, Jr., Camden County Correctional Facility, 310 Federal Street, Camden, NJ 08101, 609-757-6657
Architect: Sullivan Associates, Architects & Planners, 2314 Market Street, 2nd Floor, Philadelphia, PA 19103, 215-567-7300
Construction manager: The Lisiewski Group, 19 West Cuthbert Boulevard, Collingswood, NJ 08108, 609-854-7500

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|---|---|---|
| <p>Groundbreaking: October 1983 Finish date: September 1987 Construction time: 47 months</p> | <p>Design capacity: 499 Total cost: \$28,300,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: High rise</p> |
| <p>Costs</p> <p>Total: \$28,300,000 Building only: \$27,720,000 Housing area: \$12,700,000 Housing per inmate: \$29,195 Housing per cell: \$29,195 Total per inmate: \$56,713 Total per GSF: \$115.98 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 244,000 Gross square feet/other: 0 Gross square feet/total: 244,000 Housing area square feet: 91,500 Gross square feet per inmate: 489 Size of cells: 70 square feet (single) Net/gross square feet: 57%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 14 to 38 Inmates per unit: 14 to 38 Management type: Remote surveillance December 1987 population: 0 (electrical problems prevent opening) Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 20% Medium: 80% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Precast concrete frame Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; precast concrete frame</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Dexotex (rubber composite flooring) Intercom: Two-way to common areas HVAC: Air conditioning; solar heat; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 435 Double occupancy: 0 Dorms: 0 Special housing: 64 General population: 435 Total: 499</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Slow construction, lengthy building time; BOCP code for life safety was problematic in correctional facility</p> <p>Factors affecting time schedule: Positive: None Negative: Slow responses and delivery from vendors, suppliers; electrical engineer unable to meet deadlines for installation and debugging of system</p> |

(No floorplan available at time of publication)

Gerald L. Gormley Justice Facility

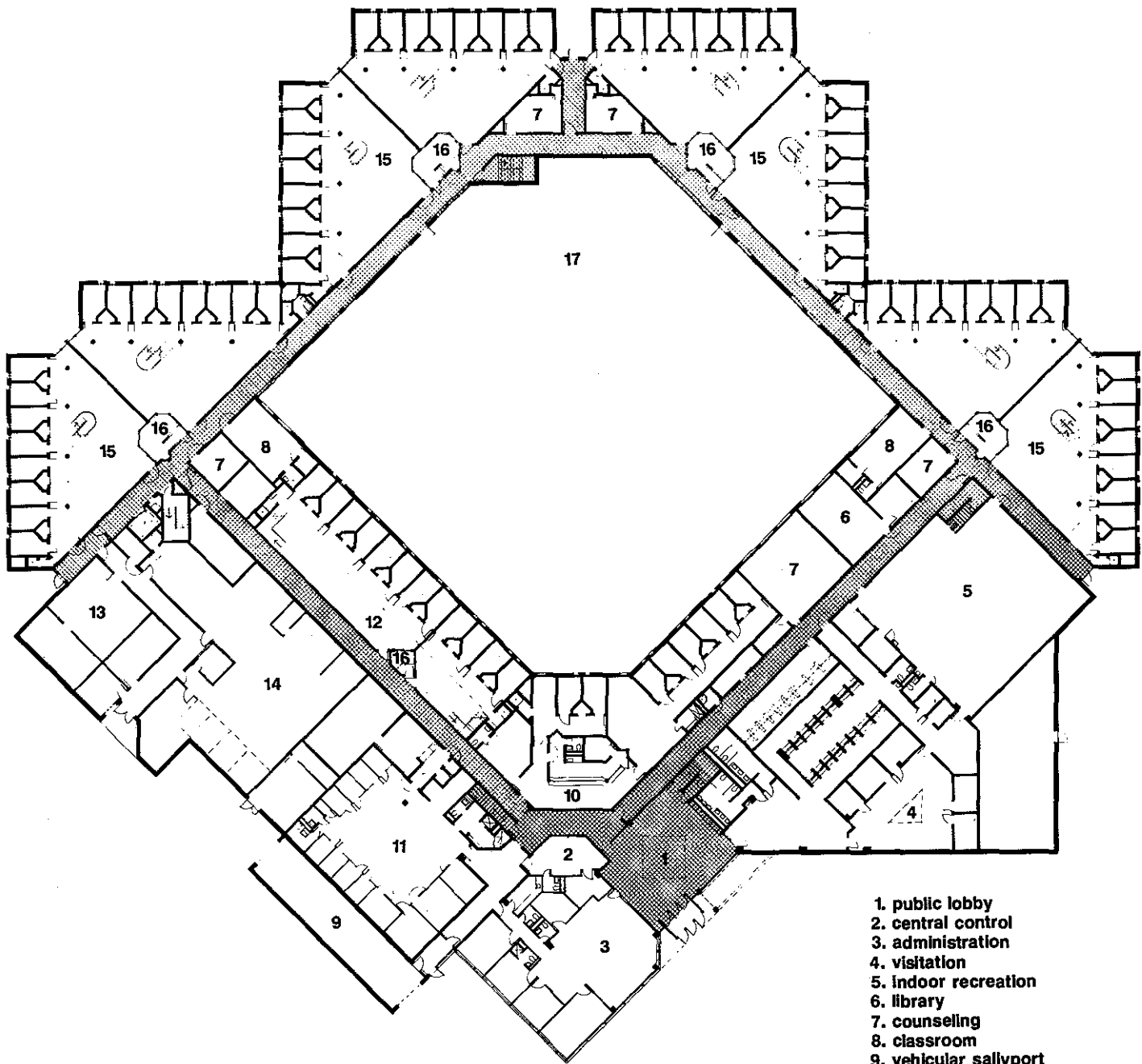
Jurisdiction official: Richard E. Squires, County Executive

Contact: Joseph D. Wagner, Division Director, Gerald L. Gormley Justice Facility, 2200 Atlantic Avenue, Mays Landing, NJ 08330, 609-641-0111

Architect: Sullivan Associates, Architects & Planners, 2314 Market Street, Philadelphia, PA 19103, 215-567-7300

Construction manager: Day and Zimmerman, 2200 Atlantic Avenue, 24 East Main Street, Mays Landing, NJ 08330, 609-625-0044

| | | |
|---|---|---|
| <p>Groundbreaking: July 1982 Finish date: June 1984 Construction time: 23 months</p> | <p>Design capacity: 368 Total cost: \$13,744,500 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: Complex: county jail, courts Building configuration: Courtyard</p> |
| <p>Costs</p> <p>Total: \$13,744,500 Building only: \$12,878,500 Housing area: \$6,200,000 Housing per inmate: \$24,219 Housing per cell: \$24,219 Total per inmate: N/A (complex) Total per GSF: \$127.97 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 105,000 Gross square feet/other: 2,400 Gross square feet/total: 107,400 Housing area square feet: 57,000 Gross square feet per inmate: 285 Size of cells: 70 square feet (single) Net/gross square feet: 70%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 32 Inmates per unit: 32 Management type: Remote surveillance October 1986 population: 518 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Beds in dayroom; second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences Inmate security level: Maximum: 22% Medium: 54% Minimum: 24%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Metallic cement coating Intercom: Two-way to common areas HVAC: Air conditioning; other energy recycle unit; waste-to-energy facility onsite Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 256 Double occupancy: 0 Dorms: 0 Special housing: 112 General population: 256 Total: 368</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 25 Security: 110 Programs/treatment: 16 Maintenance: 0 Total: 151 Current inmate/staff ratio: 3.43:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Phased construction, fast track construction management; good competition, favorable market; less expensive materials and hardware Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; phased construction, fast track construction management Negative: Slow responses and delivery from vendors, suppliers</p> |



- 1. public lobby
- 2. central control
- 3. administration
- 4. visitation
- 5. indoor recreation
- 6. library
- 7. counseling
- 8. classroom
- 9. vehicular sallyport
- 10. medical
- 11. intake/release
- 12. holding
- 13. laundry
- 14. kitchen
- 15. 2 level cluster
- 16. control
- 17. outdoor recreation

FIRST FLOOR PLAN

0 16 32'



Middlesex County Correctional Facility

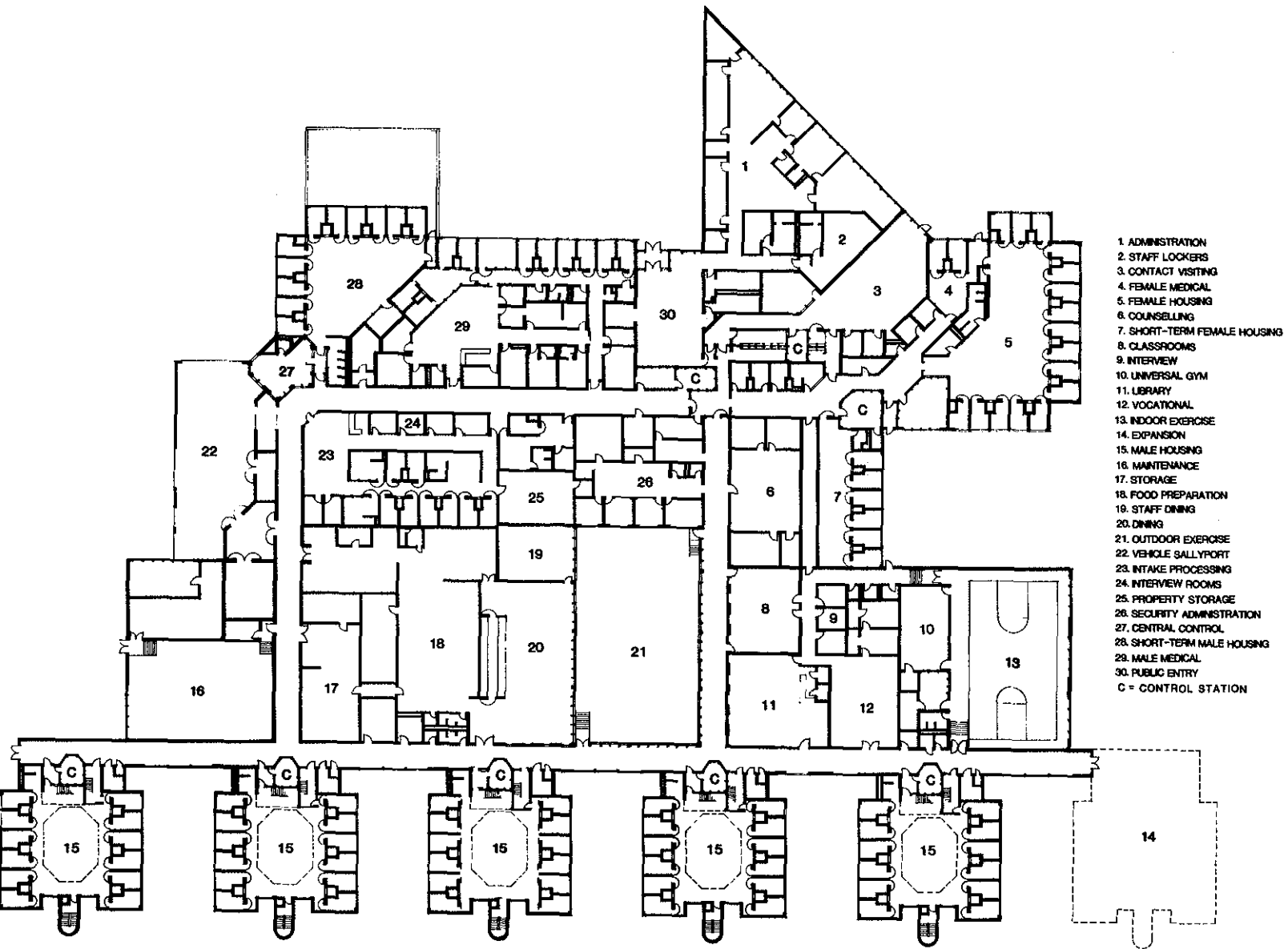
Jurisdiction official: Anthony Pellicane, Director, Corrections and Youth Services

Contact: Warden Rudolph Johnson, Middlesex County Correctional Facility, P.O. Box 226, New Brunswick, NJ 08903, 201-297-3636

Architect: The Grad Partnership, Gateway One, Newark, NJ 07102, 201-621-1700

Construction manager: None

| | | |
|---|---|--|
| <p>Groundbreaking: December 1981 Finish date: July 1984 Construction time: 30 months</p> | <p>Design capacity: 330 Total cost: \$18,000,000 Total annual operating costs: \$10,007,500</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure; courtyard</p> |
| <p>Costs</p> <p>Total: \$18,000,000 Building only: \$17,738,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$54,545 Total per GSF: \$123.69 Total annual operating costs: \$10,007,500</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 145,521 Gross square feet/other: 0 Gross square feet/total: 145,521 Housing area square feet: 58,695 Gross square feet per inmate: 441 Size of cells: Unknown Net/gross square feet: 61%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 24 Inmates per unit: 24 Management type: Remote surveillance November 1987 population: 505 Facility commitment: Local jail inmates Means to handle crowding: Bunk beds in cell; use of old building</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences Inmate security level: Maximum: 15% Medium: 85% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Dryvit Interior walls: Poured-in-place concrete Exterior surface/facade: Finished system</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking Floor surface: Carpet; sealed concrete; vinyl tile Intercom: One-way to common areas HVAC: Air conditioning; gas/oil option boiler Plumbing: Stainless steel; china Furniture: Steel; vinyl/plastic Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 300 Double occupancy: 0 Dorms: 0 Special housing: 30 General population: 300 Total: 330</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 35 Security: 174 Programs/treatment: 22 Maintenance: 15 Total: 246 Current inmate/staff ratio: 2.30:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Rural open site Negative: None</p> <p>Factors affecting time schedule: Positive: None Negative: None</p> |



Ocean County Justice Complex

Jurisdiction official: Benjamin H. Mabie, County Administrator

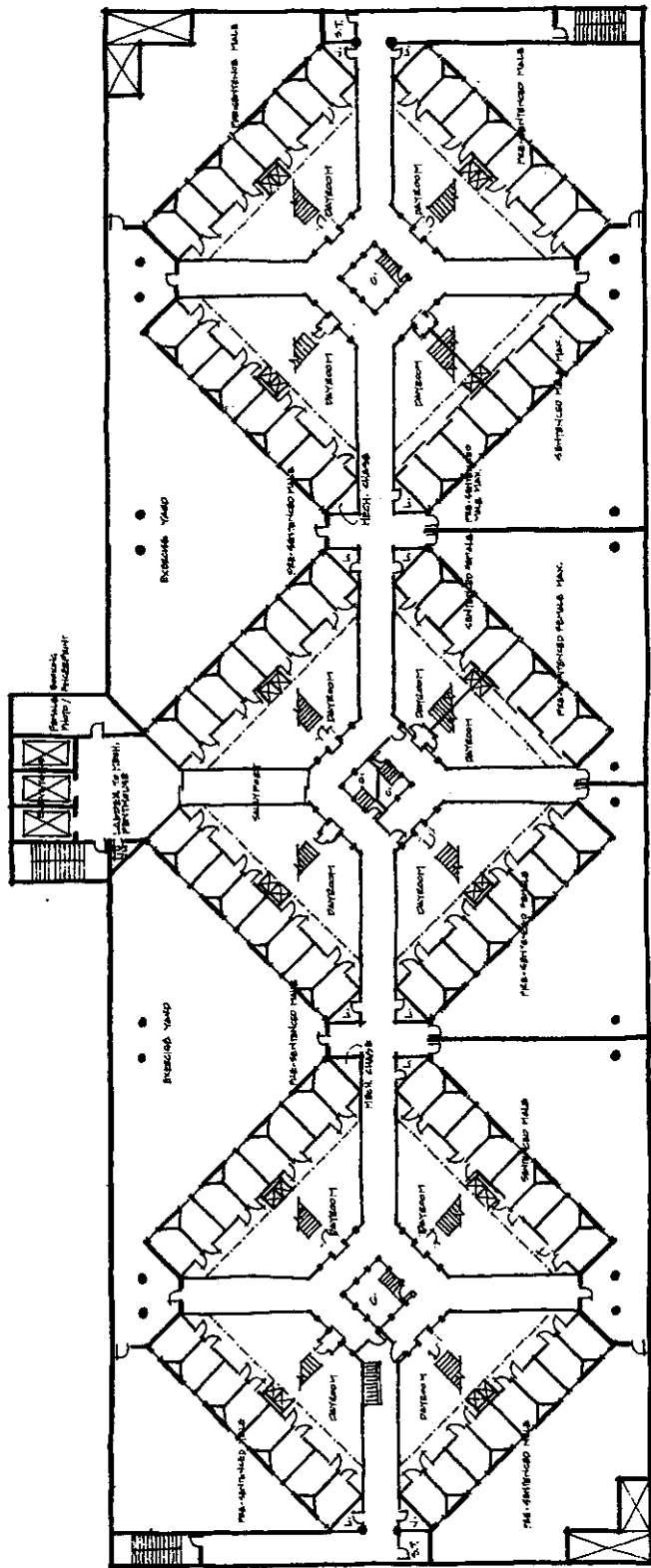
Contact: Warden Theodore J. Hutler, Ocean County Justice Complex, 101 Hooper Avenue, CN 2191, Toms River, NJ 08754, 201-929-2043

Architects: The Grad Partnership, Gateway One, Newark, NJ 07102, 201-621-1700

Henningson, Durham, & Richardson, Inc., 12700 Hillcrest, Suite 125, Dallas, TX 75230, 214-980-0001

Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: March 1982 Finish date: November 1985 Construction time: 44 months</p> | <p>Design capacity: 209 Total cost: \$20,000,000 Total annual operating costs: \$3,658,500</p> | <p>Category: New, independent facility Facility type: Complex: county jail, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$20,000,000 Building only: \$18,600,000 Housing area: \$6,357,000 Housing per inmate: \$33,109 Housing per cell: \$33,109 Total per inmate: N/A (complex) Total per GSF: Unknown Total annual operating costs: \$3,658,500</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 60,548 Gross square feet/other: Unknown Gross square feet/total: Unknown Housing area square feet: 34,182 Gross square feet per inmate: 290 Size of cells: 72 square feet (single) Net/gross square feet: 73%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 64 Inmates per unit: 64 Management type: Remote surveillance May 1987 population: 214 Facility commitment: Local jail inmates Means to handle crowding: 96 bed annex</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 20% Medium: 80% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick; AWP panels Interior walls: CMU block Exterior surface/facade: Brick; glass</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking; remote locking Floor surface: Epoxy coating; sealed concrete Intercom: One-way to common areas; two-way to common areas HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for common areas; sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 192 Double occupancy: 0 Dorms: 0 Special housing: 17 General population: 192 Total: 209</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 9 Security: 94 Programs/treatment: 11 Maintenance: 10 Total: 124 Current inmate/staff ratio: 1.73:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; less expensive materials and hardware Negative: Steel reinforcement and concrete filled partitions; slow construction, lengthy building time; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Labor problems</p> |



Level 4

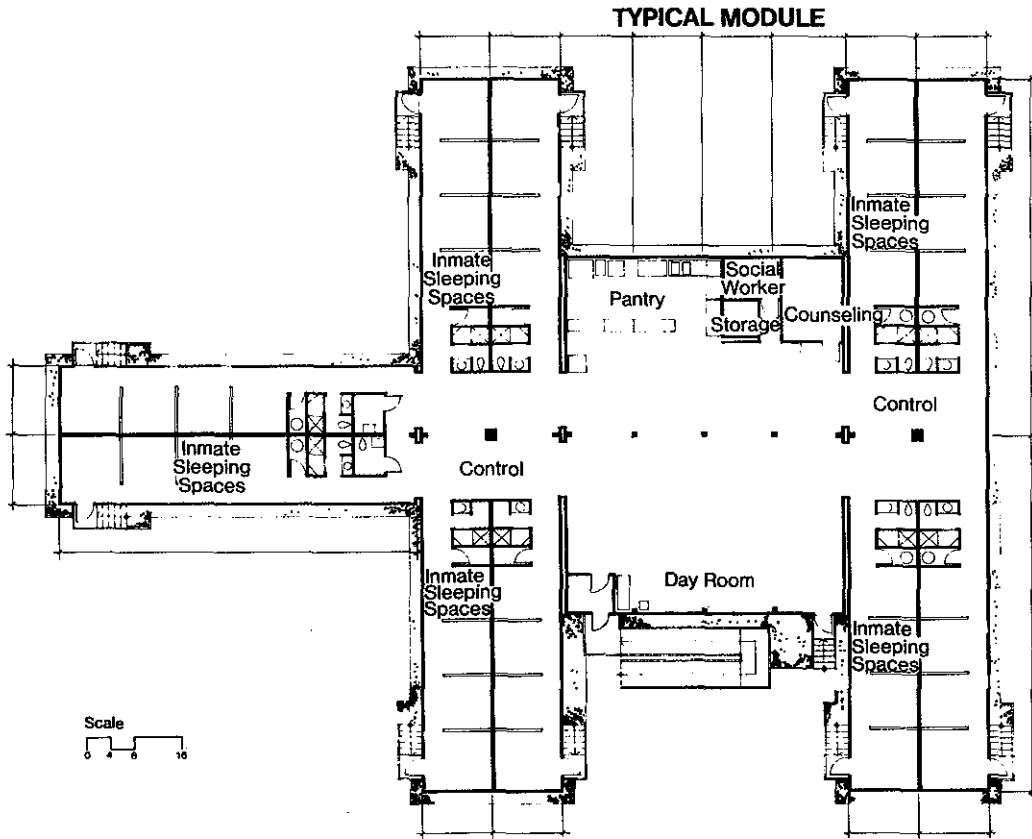
Southern State Correctional Facility: Modular Units (Phase I and II)

Jurisdiction official: William H. Fauver, Commissioner, Department of Corrections

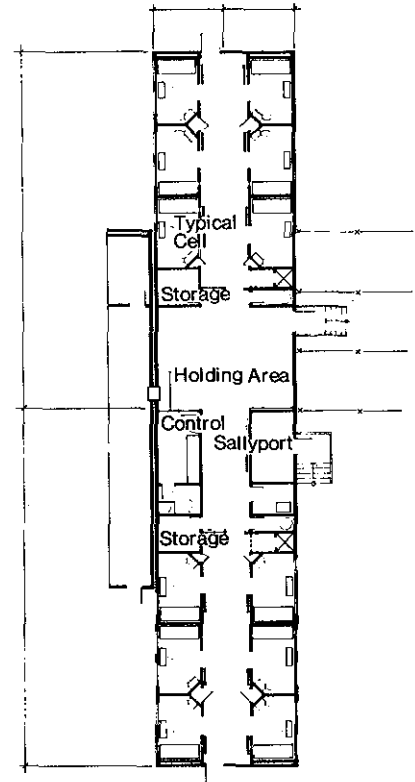
Contact: Superintendent Robert Edmiston, Southern State Correctional Facility, Route #47, Delmont, NJ 08314, 609-785-1300
Architect: CUH2A Architects, Engineers, Planners, 600 Alexander Road, CN 5240, Princeton, NJ 08540, 609-452-1212
Modular manufacturer: Arthur Industries, Inc., P.O. Box 74, South Main Street, Terryville, CT 06786, 203-582-6552
Construction manager: Shoemaker Construction Company, 245 South 24th Street, Philadelphia, PA 19103, 215-732-2000

| | | |
|---|--|---|
| <p>Groundbreaking: December 1982 Finish date: January 1984 Construction time: 6 months (Phase I); 5 months (Phase II)</p> | <p>Design capacity: 1,106 Total cost: \$24,300,000 Total annual operating costs: \$25,265,000 (entire facility)</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$24,300,000 Building only: Unknown Housing area: \$10,672,284 Housing per inmate: \$10,846 Housing per cell: \$296,452 Total per inmate: \$24,107 Total per GSF: \$107.72 Total annual operating costs: \$25,265,000 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 225,580 Gross square feet/other: 0 Gross square feet/total: 225,580 Housing area square feet: Unknown Gross square feet per inmate: 224 Size of cells: Unknown Net/gross square feet: 92%</p> <p>Construction type</p> <p>Structural: Steel frame; wood trusses; steel members Exterior walls: Steel panels, masonite siding over studs, metal panels over steel substructure Interior walls: CMU block; fiberglass panels over gypsum board; steel panels Exterior surface/facade: Natural wall</p> | <p>Inmate housing areas</p> <p>Design: Dormitory style housing Cells per unit: 0 Inmates per unit: 80 Management type: Intermittent surveillance (segregation); direct supervision (dorm) Current population: Unknown Facility commitment: State prisoners Means to handle crowding: Bunk beds in wing</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fences; towers; patrols Inmate security level: Maximum: 2% Medium: 83% Minimum: 15%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 984 Special housing: 24 General population: 984 Total: 1,008</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 61 Security: 464 Programs/treatment: 71 Maintenance: 44 Total: 640 (entire facility) Current inmate/staff ratio: Unknown</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional (Phase I); CM fast track (Phase II) Use of inmate labor: None Use of prefabrication: Extensive; modules for all housing and some program/support; pre-engineered buildings for some program/support</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking; manual locking Floor surface: Epoxy coating; vinyl tile Intercom: One-way to common areas, cells, and dorms HVAC: Air conditioning; electric heat pump Plumbing: China; stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; simple construction methods; phased construction; fast track CM; good competition, favorable market; less expensive materials and hardware Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; repetitiveness of design; phased construction, fast track CM; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers; bad weather</p> | |

TYPICAL HOUSING COMPLEX



DETENTION UNIT



Trenton State Prison (Addition/Remodel)

Jurisdiction official: William H. Fauver, Commissioner, Department of Corrections

Contact: Howard L. Beyer, Administrator, Trenton State Prison, Third Street, Trenton, NJ 08611, 609-292-9700

Architect: The Grad Partnership, Gateway One, Newark, NJ 07102, 201-621-1700

Construction manager: None

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| <p>Groundbreaking: September 1979 Finish date: October 1982 Construction time: 37 months</p> | <p>Design capacity: 837 Total cost: \$65,000,000 Total annual operating costs: \$44,580,000 (entire facility)</p> | <p>Category: New, ancillary building; remodel/renovation Facility type: State prison Building configuration: Integ. structure; high rise; courtyard</p> |
| <p>Costs</p> <p>Total: \$65,000,000 Building only: \$42,149,106 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (remodel) Total per GSF: \$180.80 Total annual operating costs: \$44,580,000 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 359,518 Gross square feet/other: 0 Gross square feet/total: 359,518 Housing area square feet: 222,970 Gross square feet per inmate: 430 Size of cells: Unknown Net/gross square feet: 76.5%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Remote surveillance May 1987 population: 768 Facility commitment: State prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Building exterior; alarm/detection systems Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Cast-in-place concrete; brick Interior walls: Cast-in-place concrete; brick Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete; epoxy coating Intercom: Two-way to common areas HVAC: Climate control Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 837 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 837 Total: 837</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 111 Security: 821 Programs/treatment: 116 Maintenance: 68 Total: 1,116 (entire facility) Current inmate/staff ratio: 2.03:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: None Negative: None Factors affecting time schedule: Positive: None Negative: None</p> |

(No floorplan available at time of publication)

Warren County Correctional Center

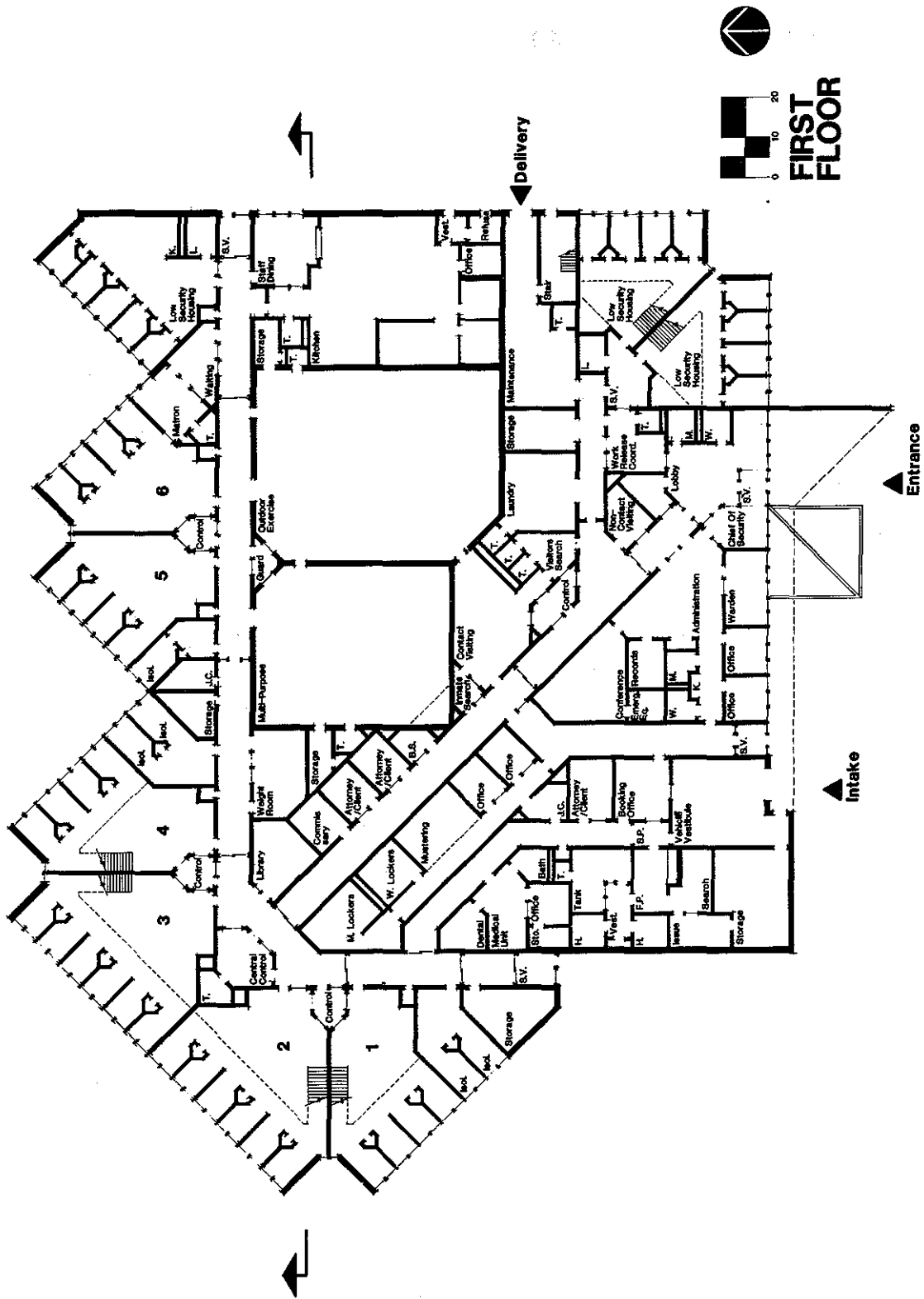
Jurisdiction official: Robert Sharr, Warden

Contact: Warden Robert Sharr, Warren County Correctional Center, Belvidere, NJ 07823, 201-475-8200

Architect: L. Robert Kimball & Associates, 615 West Highland Avenue, Ebensburg, PA 15931, 814-472-7700

Construction manager: None

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| <p>Groundbreaking: April 1984 Finish date: February 1986 Construction time: 22 months</p> | <p>Design capacity: 76 Total cost: \$5,408,522 Total annual operating costs: \$1,578,000</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$5,408,522 Building only: \$5,172,289 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$71,165 Total per GSF: \$109.48 Total annual operating costs: \$1,578,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 49,400 Gross square feet/other: 0 Gross square feet/total: 49,400 Housing area square feet: 15,300 Gross square feet per inmate: 650 Size of cells: 60 to 80 square feet (single) Net/gross square feet: N/A</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 4 to 12 Inmates per unit: 4 to 12 Management type: Remote surveillance October 1985 population: 56 Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 20% Medium: 60% Minimum: 20%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; steam heating plant Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations; smoke ejectors</p> | <p>Inmate design capacity</p> <p>Single occupancy: 69 Double occupancy: 0 Dorms: 0 Special housing: 7 General population: 69 Total: 76</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 55 Programs/treatment: 1 Maintenance: 4 Total: 64 Current inmate/staff ratio: .87:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; competitive bidding climate Negative: High labor costs; only one prison equipment bidder</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Labor, weather, and contractor problems</p> |



Bernalillo County Detention Center (South Tower)

Jurisdiction official: Michael F. Hanrahan, Director

Contact: Michael F. Hanrahan, Director, Bernalillo County Detention Center, 415 Roma Street NW., Albuquerque, NM 87102, 505-764-3590

Architect: Hellmuth, Obata & Kassabaum, Inc., One Lombard Street, San Francisco, CA 94111, 415-627-1600

Construction manager: None

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| <p>Groundbreaking: July 1977 Finish date: November 1979 Construction time: 28 months</p> | <p>Design capacity: 300 Total cost: \$7,000,000 Total annual operating costs: N/A (addition added later)</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure; high rise; clusters</p> |
| <p>Costs</p> <p>Total: \$7,000,000 Building only: \$6,800,000 Housing area: \$4,690,000 Housing per inmate: \$16,285 Housing per cell: \$16,285 Total per inmate: \$23,333 Total per GSF: \$65.42 Total annual operating costs: N/A (addition added later)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 107,000 Gross square feet/other: 0 Gross square feet/total: 107,000 Housing area square feet: 71,690 Gross square feet per inmate: 357 Size of cells: 71 square feet (single) Net/gross square feet: 65%</p> <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Precast panels Interior walls: Cast-in-place concrete Exterior surface/facade: Metal with fiberglass insulation</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Remote surveillance; patrols October 1985 population: 288 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Bunk beds in cell; mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 100% (design) Medium: 100% (use) Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 288 Double occupancy: 0 Dorms: 0 Special housing: 12 General population: 288 Total: 300</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: N/A Programs/treatment: N/A Maintenance: N/A Total: N/A (addition added later) Current inmate/staff ratio: N/A</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; exterior walls</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: One-way to cells and common areas HVAC: Heating/air circulation only Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors for cells and common areas</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good bidding climate; low area/bed cost Negative: None</p> <p>Factors affecting time schedule: Positive: None Negative: Contractor problems</p> | |

(No floorplan available at time of publication)

Central New Mexico Correctional Facility

Jurisdiction official: O.L. McCotter, Secretary, Corrections Department

Contact: Warden Dareld Kerby, Central New Mexico Correctional Facility, P.O. Drawer 1328, Los Lunas, NM 87031, 505-865-2300
Architect: W.C. Kruger & Associates, Architects-Planners, Inc., P.O. Box 1084, Albuquerque, NM 87103, 505-842-8663
Construction manager: None

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| <p>Groundbreaking: December 1980 Finish date: October 1982 Construction time: 21 months</p> | <p>Design capacity: 486 Total cost: \$18,975,756 Total annual operating costs: \$8,800,000</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Clusters; campus style</p> |
| <p>Costs</p> <p>Total: \$18,975,756 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$39,045 Total per GSF: \$110.80 Total annual operating costs: \$8,800,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 171,267 Gross square feet/other: 0 Gross square feet/total: 171,267 Housing area square feet: 70,550 Gross square feet per inmate: 352 Size of cells: 63 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> <p>Structural: 2-story precast concrete, exterior walls and roof Exterior walls: Precast load bearing concrete Interior walls: Load bearing CMU interior partitions Exterior surface/facade: Natural wall, no coating or treatment</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Remote surveillance October 1985 population: 480 Facility commitment: State prisoners Means to handle crowding: Bunks on floor in common areas</p> |
| <p>Security</p> <p>Perimeter: Double fence with razor wire; alarm/detection system; tower Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 486 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 486 Total: 486</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 22 Security: 202 Programs/treatment: 31 Maintenance: 18 Total: 273 Current inmate/staff ratio: 1.76:1</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive; precast concrete walls and roof system</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: Two-way control to common areas; pager to common areas HVAC: Heating/air circulation only Plumbing: Stainless steel Furniture: Wood; concrete Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components Negative: Complex electronic, mechanical, and electrical systems</p> | |

(No floorplan available at time of publication)

Penitentiary of New Mexico

Jurisdiction official: O.L. McCotter, Secretary, Corrections Department

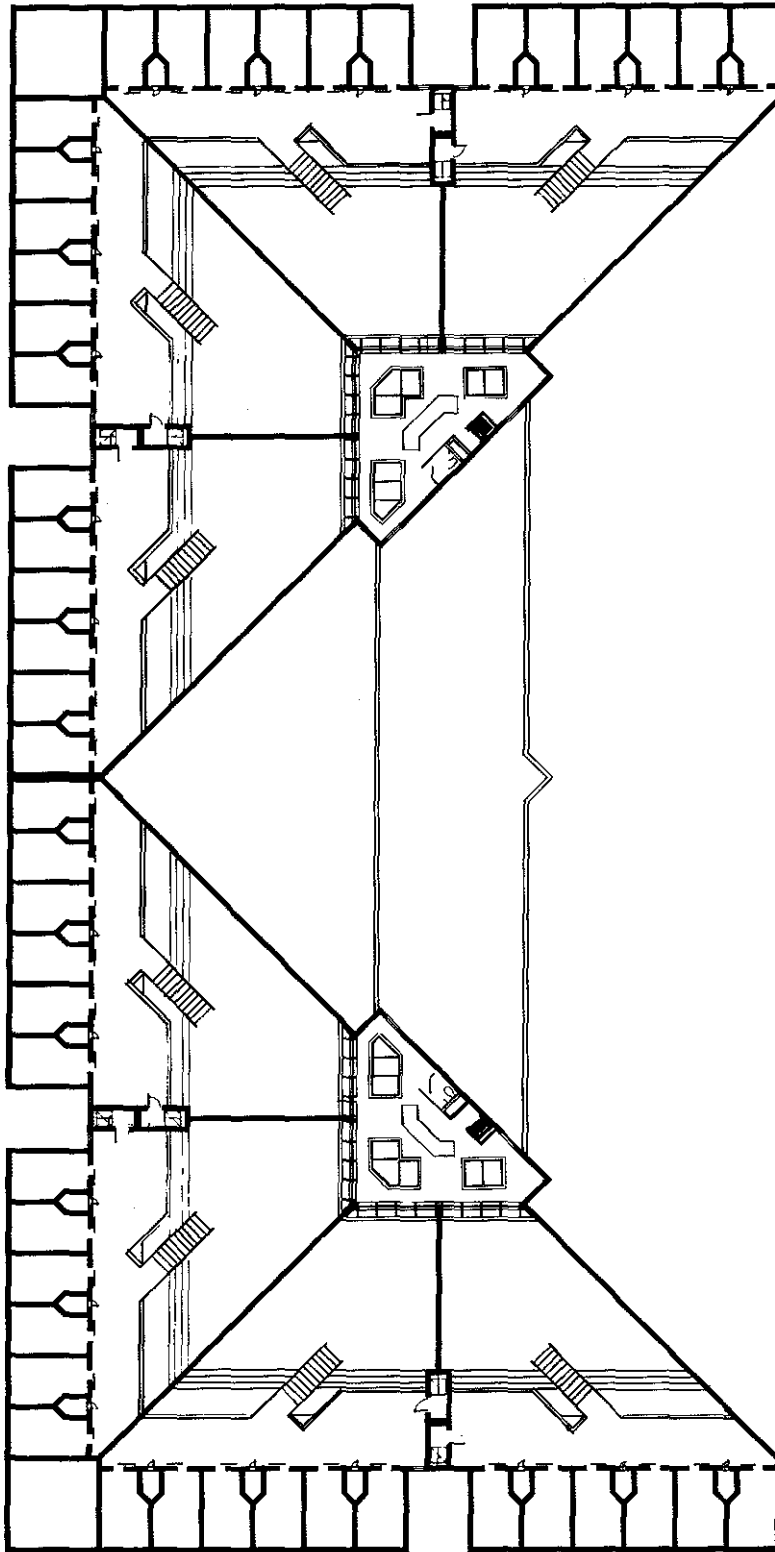
Contact: Efren Montoya, Admin. Assistant, Penitentiary of New Mexico, P.O. Box 1059, Santa Fe, NM 87504-1059, 505-471-7300

Joint venture architects: The Gruzen Partnership, 251 Post Street, San Francisco, CA 94108, 415-956-5515

Hutchinson, Brown & Partners, 215 Gold SW., Albuquerque, NM 87102, 505-842-5630

Construction manager: None

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| <p>Groundbreaking: June 1982 Finish date: March 1985 Construction time: 33 months</p> | <p>Design capacity: 576 Total cost: \$32,525,610 Total annual operating costs: \$3,700,000</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$32,525,610 Building only: \$29,085,682 Housing area: \$27,192,158 (incl. special housing) Housing per inmate: \$47,209 Housing per cell: \$47,209 Total per inmate: \$56,468 Total per GSF: \$114.01 Total annual operating costs: \$3,700,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 285,272 Gross square feet/other: 0 Gross square feet/total: 285,272 Housing area square feet: 188,820 Gross square feet per inmate: 495 Size of cells: 80 square feet (single) Net/gross square feet: 72%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Remote surveillance October 1985 population: 161 Facility commitment: State prisoners Means to handle crowding: N/A</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; patrols Inmate security level: Maximum: 50% Medium: 50% Minimum: 0</p> | <p>Structural: Load bearing precast panels; cast-in-place and precast concrete frame Exterior walls: Precast panels; cast-in-place concrete Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Paint</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Construction management fast track Use of inmate labor: Limited; contractors trained inmates Use of prefabrication: Limited; precast panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Evaporative cooling; central heating plant—boiler unit Plumbing: Stainless steel Furniture: Steel; concrete Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas</p> | <p>Single occupancy: 384 Double occupancy: 0 Dorms: 0 Special housing: 192 General population: 384 Total: 576</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 5 Security: 97 Programs/treatment: 18 Maintenance: 3 Total: 123 Current inmate/staff ratio: 1.31:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: Government "red tape"; complex electronic, mechanical, and electrical systems; multiple-bid contracts</p> <p>Factors affecting time schedule: Positive: Repetitiveness of design; coordination of design between parties Negative: Slow responses from vendors; weather problems; complex electronic, mechanical, and electrical systems; multiple-bid contracts</p> |



Southern New Mexico Correctional Facility

Jurisdiction official: O.L. McCotter, Secretary, Corrections Department

Contact: Warden Eloy Mondragon, Southern New Mexico Correctional Facility, P.O. Box 639, Las Cruces, NM 88004, 505-523-3200

Architect: W.C. Kruger & Associates, Architects-Planners, Inc., P.O. Box 1084, Albuquerque, NM 87103, 505-842-8663

Construction manager: Morrison-Knudsen Company, Inc., Two Morrison Knudsen Plaza, Boise, ID 83729, 208-386-6162

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| <p>Groundbreaking: December 1982 Finish date: July 1985 Construction time: 31 months</p> | <p>Design capacity: 480 Total cost: \$25,289,795 Total annual operating costs: \$8,862,986 (excluding medical)</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Clusters; campus style</p> |
| <p>Costs</p> <p>Total: \$25,289,795 Building only: \$24,689,795 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$52,687 Total per GSF: \$109.01 Total annual operating costs: \$8,862,986 (excluding medical)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 231,994 Gross square feet/other: 0 Gross square feet/total: 231,994 Housing area square feet: 125,000 Gross square feet per inmate: 483 Size of cells: 80 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Remote surveillance; roving foot patrols October 1985 population: 480 Facility commitment: State prisoners Means to handle crowding: Beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Double fence with razor wire; alarm/detection system; tower Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Structural: Cast-in-place concrete Exterior walls: Precast roof and exterior walls; precast concrete panels Interior walls: Load bearing CMU interior walls Exterior surface/facade: Natural wall, no coating or treatment</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Extensive; precast concrete walls and roof system</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote electronic locking with key override Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Heating/air circulation only Plumbing: Stainless steel; china Furniture: Wood; concrete Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Single occupancy: 480 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 480 Total: 480</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 16 Security: 199 Programs/treatment: 38 Maintenance: 11 Total: 264 (excludes medical, mental health, corr. indus., food service) Current inmate/staff ratio: 1.82:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components; simple construction methods; fast track construction; good bidding market Negative: State requirement of hiring outside construction manager; high labor costs; government "red tape"</p> <p>Factors affecting time schedule: Positive: Use of prefab. components; simple con. methods; fast track con.; advanced order of materials and hardware; coordination of design Negative: 15 bid packages; slow delivery from suppliers; complex electronic, mechanical, and electrical systems</p> |

(No floorplan available at time of publication)

Western New Mexico Correctional Facility

Jurisdiction official: O.L. McCotter, Secretary, Corrections Department

Contact: Warden Tom Newton, Western New Mexico Correctional Facility, P.O. Drawer 250, Lobo Canyon Road, Grants, NM 87020, 505-287-7961

Architect: W.C. Kruger & Associates, Architects-Planners, Inc., First Interstate Bank Building, Suite 1100, 4th and Gold Southwest, P.O. Box 1084, Albuquerque, NM 87103, 505-842-8663

Construction manager: None

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| <p>Groundbreaking: March 1983 Finish date: September 1984 Construction time: 18 months</p> | <p>Design capacity: 258 Total cost: \$15,404,215 Total annual operating costs: \$5,721,400</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Clusters; campus style</p> |
| <p>Costs</p> <p>Total: \$15,404,215 Building only: \$14,967,728 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$59,706 Total per GSF: \$116.34 Total annual operating costs: \$5,721,400</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 132,409 Gross square feet/other: 0 Gross square feet/total: 132,409 Housing area square feet: 57,842 Gross square feet per inmate: 513 Size of cells: 63 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> <p>Structural: Load bearing precast panels; load bearing CMU Exterior walls: Precast panels Interior walls: CMU block Exterior surface/facade: Colored and textured concrete</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 24, 32, 48 Inmates per unit: 24, 32, 48 Management type: Remote surveillance October 1985 population: 251 Facility commitment: State prisoners Means to handle crowding: Beds in dayroom and hallways</p> |
| <p>Security</p> <p>Perimeter: Building exterior; double fence with razor wire; detection system; towers; patrols Inmate security level: Maximum: 30% Medium: 40% Minimum: 30%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 232 Double occupancy: 0 Dorms: 0 Other: 11 Special housing: 15 General population: 243 Total: 258</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 42 Security: 117 Programs/treatment: 22 Maintenance: 10 Total: 191 Current inmate/staff ratio: 1.31:1</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive; precast walls and roof system</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas; all call HVAC: Air conditioning; heating/air circulation; heat pumps; fan coil units; central boiler plant Plumbing: Stainless steel; china; cast iron rough plumbing Furniture: Wood; concrete Fire protection: Smoke detectors for common areas; sprinklers throughout facility</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefab. components; simple con. methods; fast track con.; good bidding market; good contractors and inspector Negative: High labor costs; government "red tape"; remote location</p> <p>Factors affecting time schedule: Positive: Use of prefab. components; simple con. methods; fast track con.; adv. order of materials and hardware; coordination of design; gen. contr. in charge of purchasing Negative: Some slow delivery from vendors, suppliers; government "red tape"; complex electronic, mechanical, and electrical systems</p> |

(No floorplan available at time of publication)

Youth Diagnostic and Development Center

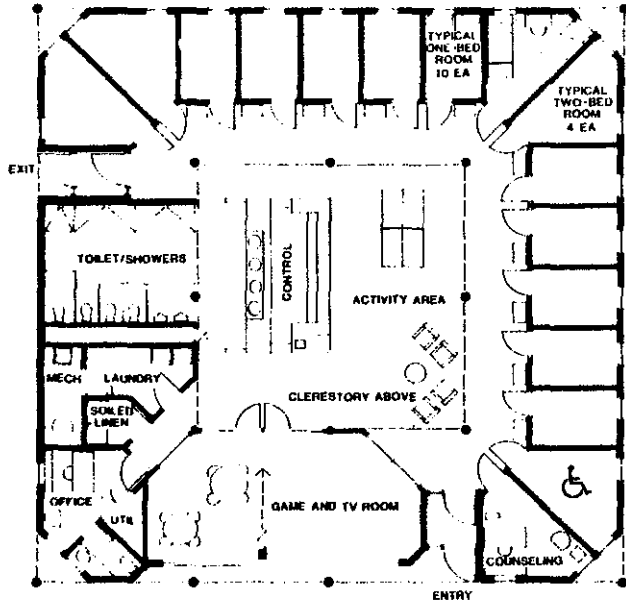
Jurisdiction official: Lloyd W. Mixdorf, Director, Juvenile Facilities and Programs Division

Contact: Superintendent Celedonio Vigil, Youth Diagnostic and Development Center, 4000 Edith Boulevard, Albuquerque, NM 87107, 505-841-2400

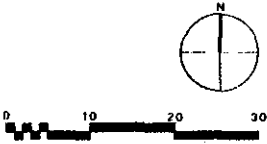
Architect: Fernandez, Lujan, Beltran, Inc., 8009 Marble Northeast, Albuquerque, NM 87110, 505-262-2391

Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: April 1982 Finish date: April 1983 Construction time: 12 months</p> | <p>Design capacity: 100 Total cost: \$1,800,000 Total annual operating costs: \$2,728,000</p> | <p>Category: New, independent facility Facility type: State youth detention facility Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$1,800,000 Building only: \$1,300,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$18,000 Total per GSF: \$75.00 Total annual operating costs: \$2,728,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 24,000 Gross square feet/other: 0 Gross square feet/total: 24,000 Housing area square feet: 12,000 Gross square feet per inmate: 240 Size of cells: 75 square feet (per inmate) Net/gross square feet: 81%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 20 Inmates per unit: 20-25 Management type: Direct supervision October 1985 population: 148 Facility commitment: Juveniles Means to handle crowding: Bunk beds in cell; mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection system Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Steel frame; load bearing masonry walls Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Stucco</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden; steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Linoleum; carpet; sealed concrete; ceramic tile Intercom: One-way to cells; two-way to common areas HVAC: Air conditioning; solar; gas-fired heating plant/forced air Plumbing: Stainless Furniture: Wood Fire protection: Sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 100 Special housing: 0 General population: 100 Total: 100</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 22 Security: 44 Programs/treatment: 32 Maintenance: 10 Total: 108 Current inmate/staff ratio: 1.37:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; durability of materials Negative: Government "red tape"; complex electronic, mechanical, and electrical systems; vandal/tamper resistance requirements</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Weather problems; government procedures, regulations, "red tape"; complex electronic, mechanical, and electrical systems (solar units)</p> |



TYPICAL BOY'S DORMITORY PLAN



Youth Diagnostic and Development Center—Phase III (Addition/Expansion)

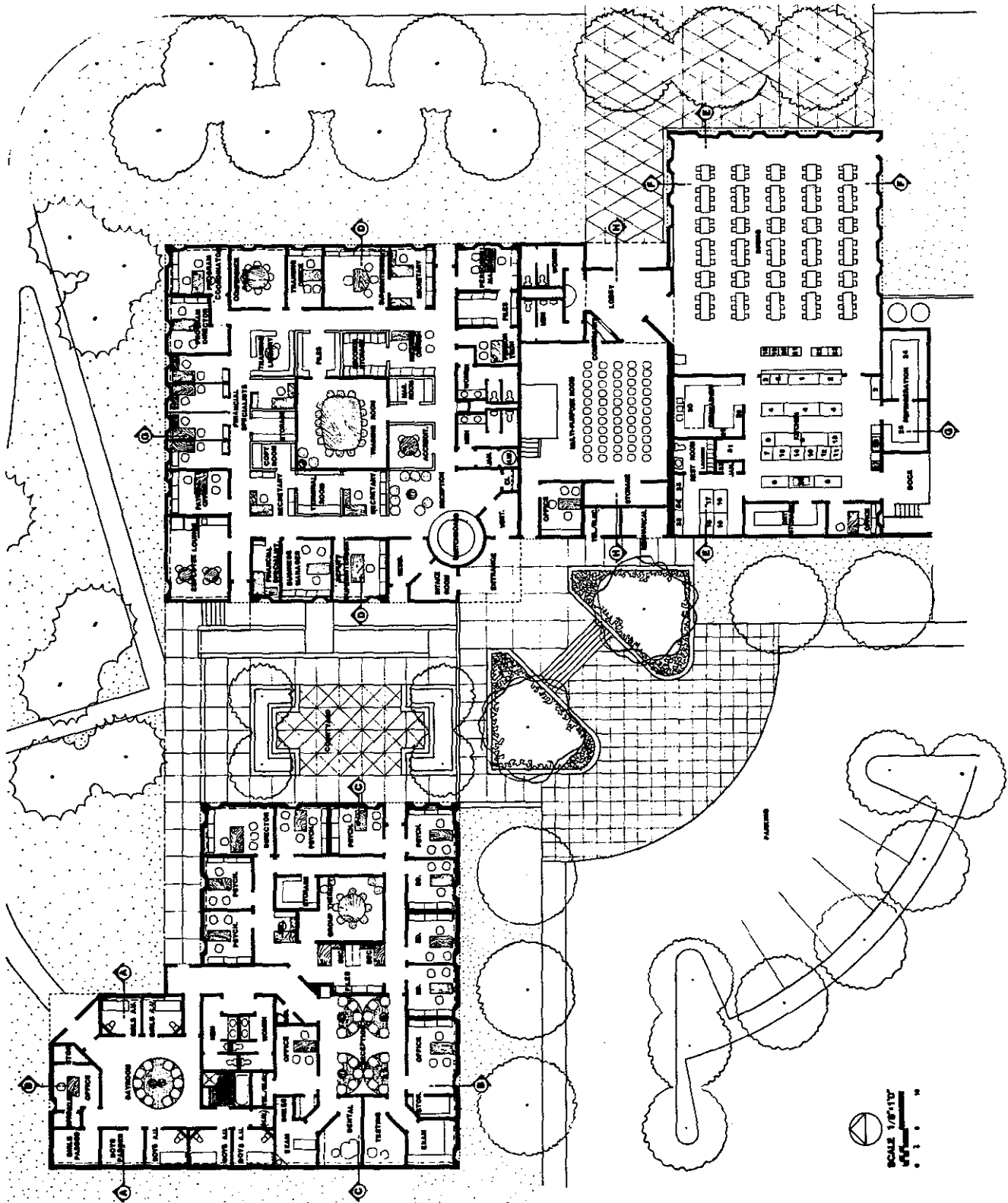
Jurisdiction official: Lloyd W. Mixdorf, Director, Juvenile Facilities and Programs Division

Contact: Superintendent Caledonio Vigil, Youth Diagnostic and Development Center, 4000 Edith Boulevard, Albuquerque, NM 87107, 505-841-2400

Architect: Van H. Gilbert Architect, 319 Central Avenue NW., Suite 201, Albuquerque, NM 87102, 505-247-9955

Construction manager: None

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| <p>Groundbreaking: September 1983 Finish date: March 1985 Construction time: 18 months</p> | <p>Design capacity: 7 Total cost: \$2,551,601 Total annual operating costs: \$2,653,800 (entire facility)</p> | <p>Category: New, ancillary building; expansion project Facility type: State youth detention facility support service Building configuration: Courtyard; clusters</p> |
| <p>Costs</p> <p>Total: \$2,551,601 Building only: \$2,321,360 Housing area: N/A Housing per inmate: N/A Housing per cell: N/A Total per inmate: N/A Total per GSF: \$108.27 Total annual operating costs: \$2,653,800 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 23,568 Gross square feet/other: 0 Gross square feet/total: 23,568 Housing area square feet: N/A Gross square feet per inmate: 3,367 Size of cells: 72 square feet (spec. single) Net/gross square feet: 80%</p> <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Architectural precast; steel stud with exterior insulating finish system Interior walls: Steel stud drywall; CMU at special housing Exterior surface/facade: Exterior insulating finishing system</p> | <p>Inmate housing areas</p> <p>Design: N/A Cells per unit: N/A Inmates per unit: N/A Management type: Direct supervision October 1986 population: 135 (entire facility) Facility commitment: Juveniles Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single fence Inmate security level: Maximum: 100% (design) Medium: 100% (use) Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 0 Special housing: 7 General population: 0 Total: 7</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 24 Security: 48 Programs/treatment: 28 Maintenance: 9 Total: 109 (entire facility) Current inmate/staff ratio: 1.24:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; architectural precast and some stud wall framing prefabricated offsite</p> |
| <p>Inmate cells (No general population cells)</p> <p>Doors/material: N/A Doors/type: N/A Doors/locking: N/A Floor surface: N/A Intercom: N/A HVAC: N/A Plumbing: N/A Furniture: N/A Fire protection: N/A</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Government procedures, regulations, and red tape</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers</p> |



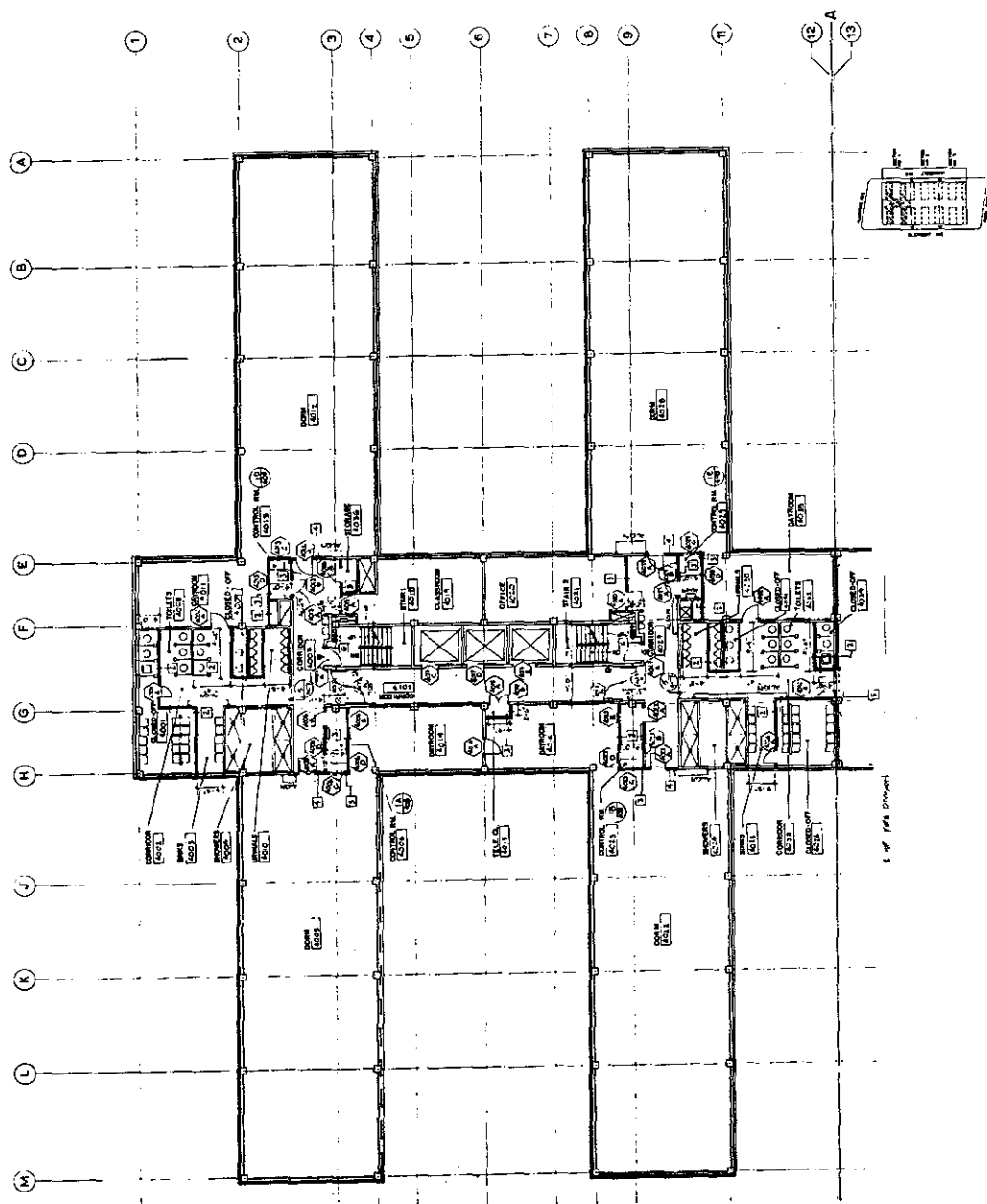
FLOOR PLAN: ADMINISTRATIVE/ CLINICAL/ MEDICAL/ ADJUSTMENT/ CAFETERIA/ AUDITORIUM

Brooklyn Correctional Facility (Remodel)

Jurisdiction official: Richard J. Koehler, Commissioner, New York City Department of Corrections

Contact: Warden Marvin Fischer, Brooklyn Correctional Facility, 136 Flushing Avenue, Brooklyn, NY 11205, 718-802-3301
Architect: The Office of David Elliott Leibowitz, P.C., 70 West 40th Street, New York, NY 10018, 212-354-8100
Construction manager: A. J. Contracting Co., 470 Park Avenue South, New York, NY 10016, 212-889-9100

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| <p>Groundbreaking: February 1984 Finish date: June 1986 Construction time: 28 months</p> | <p>Design capacity: 810 Total cost: \$34,000,000 Total annual operating costs: Unknown</p> | <p>Category: Remodel/renovation project Facility type: City jail Building configuration: High rise; ladder, telephone pole; 5 stories, 6 wings per floor</p> |
| <p>Costs</p> <p>Total: \$34,000,000 Building only: \$34,000,000 Housing area: \$14,000,000 Housing per inmate: \$17,284 Housing per cell: \$518,519 Total per inmate: \$41,975 Total per GSF: \$95.77 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 355,000 Gross square feet/other: 0 Gross square feet/total: 355,000 Housing area square feet: 180,000 Gross square feet per inmate: 438 Size of cells: 2,059 square feet (dorm) Net/gross square feet: 80%</p> <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete; CMU block; brick; steel plate and insulated cementitious panels Interior walls: Cast-in-place concrete; CMU block; gypsum board and steel sheet Exterior surface/facade: Brick; paint; painted concrete and transite panels and steel plate</p> | <p>Inmate housing areas</p> <p>Design: Ladder, telephone pole; dormitory style housing Cells per unit: 1 Inmates per unit: 30 Management type: Remote surveillance July 1986 population: 561 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence; patrols; guard booths Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 810 Special housing: 0 General population: 810 Total: 810</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 39 Security: 366 Programs/treatment: 10 Maintenance: 18 Total: 433 Current inmate/staff ratio: 1.30:1</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Vinyl tile Intercom: One-way to common areas and dorms HVAC: Steam heat; ventilation by operable windows Plumbing: China Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; sprinklers in corridors</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Fast track construction management Negative: Difficult site conditions; staged occupancy of prison caused escalation of costs as security requirements increased</p> <p>Factors affecting time schedule: Positive: Phased construction, fast track construction management; advanced order of materials and hardware; coordination of design between parties Negative: Phased occupancy of prison</p> | |



Elmira Correctional & Reception Center Food Service & Dining Facility (Remodel)

Jurisdiction official: Thomas A. Coughlin III, Commissioner, Department of Correctional Services

Contact: Superintendent Ronald E. Miles, Elmira Correctional & Reception Center, Corner of Bancroft & Davis Streets, P.O. Box 500, Elmira, NY 14902, 607-734-3901

Architect: Quinlivan Pierik & Krause, Architects/Engineers, 101 East Water Street, P.O. Box 29, Syracuse, NY 13201-0029, 315-472-7806

Construction manager: None

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| <p>Groundbreaking: August 1978 Finish date: December 1978 Construction time: 4 months</p> | <p>Design capacity: N/A Total cost: \$1,817,000 Total annual operating costs: \$1,290,000</p> | <p>Category: Remodeling/renovation project; phased project (past) Facility type: State prison food service and dining facility Building configuration: Unknown</p> |
| <p>Costs</p> <p>Total: \$1,817,000 Building only: \$1,817,000 Housing area: N/A (no housing) Housing per inmate: N/A Housing per cell: N/A Total per inmate: N/A (remodel) Total per GSF: \$38.85 Total annual operating costs: \$1,290,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 46,768 Gross square feet/other: 0 Gross square feet/total: 46,768 Housing area square feet: 0 Gross square feet per inmate: N/A Size of cells: None Net/gross square feet: 84%</p> | <p>Inmate housing areas</p> <p>Design: N/A Cells per unit: N/A Inmates per unit: N/A Management type: Unknown Current population: N/A Facility commitment: State prisoners Means to handle crowding: N/A</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single fence Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Existing steel and concrete Exterior walls: Brick Interior walls: CMU block; brick Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells (no cells)</p> <p>Doors/material: N/A Doors/type: N/A Doors/locking: N/A Floor surface: N/A Intercom: N/A HVAC: N/A Plumbing: N/A Furniture: N/A Fire protection: N/A</p> | <p>Inmate design capacity</p> <p>Single occupancy: N/A Double occupancy: N/A Dorms: N/A Special housing: N/A General population: N/A Total: N/A</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Construction in occupied building; security procedures for contractor workforce</p> <p>Factors affecting time schedule: Positive: Coordination between institution and contractor Negative: Building in use during construction</p> |

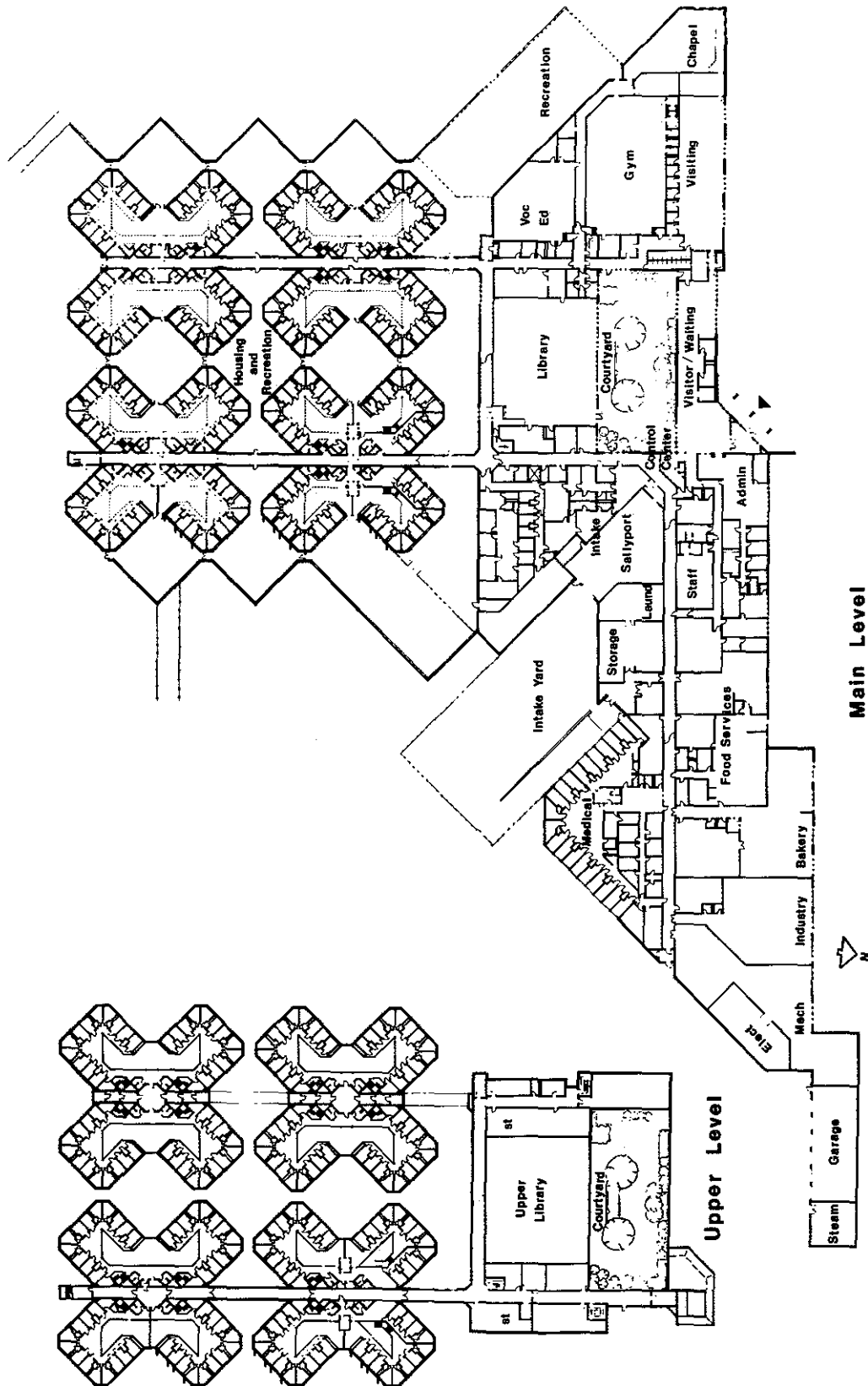
(No floorplan available at time of publication)

Erie County Correctional Facility

Jurisdiction official: Dennis Gorski, County Executive

Contact: Superintendent Frederick Netzel, Department of Corrections, Box X, Alden, NY 14004, 716-937-9101
Architect: Milstein, Wittek & Associates, Architects, P.C., 300 Delaware Avenue, Buffalo, NY 14202, 716-856-8320
Construction manager: John W. Cowper Company, 4246 Ridge Lea Road, Amherst, NY 14226, 716-837-8410

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| <p>Groundbreaking: April 1984 Finish date: February 1986 Construction time: 22 months</p> | <p>Design capacity: 402 Total cost: \$23,451,711 Total annual operating costs: \$4,987,265</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure; clusters</p> |
| <p>Costs</p> <p>Total: \$23,451,711 Building only: \$21,919,871 Housing area: \$12,249,902 Housing per inmate: \$32,068 Housing per cell: \$32,068 Total per inmate: \$58,338 Total per GSF: \$112.60 Total annual operating costs: \$4,987,265</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 208,280 Gross square feet/other: 0 Gross square feet/total: 208,280 Housing area square feet: 97,371 Gross square feet per inmate: 518 Size of cells: 76 square feet (single) Net/gross square feet: 72%</p> <p>Construction type</p> <p>Structural: Steel frame; cast-in-place concrete frame Exterior walls: CMU block; brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 12, 24, 48 Inmates per unit: 48 (half pod) Management type: Remote surveillance (max.); direct supervision (med.) May 1986 population: 467 Facility commitment: Local jail inmates Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single and double fences with razor wire; alarm detection system; patrols Inmate security level: Maximum: 14.3% Medium: 85.7% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 382 Double occupancy: 0 Dorms: 0 Special housing: 20 General population: 382 Total: 402</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 25 Security: 134 Programs/treatment: 19 Maintenance: 5 Total: 183 Current inmate/staff ratio: 2.55:1</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Epoxy coating Intercom: Two-way to cells HVAC: Air conditioning; hot water heating/air circulation Plumbing: Stainless combination unit; china Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; phased construction, fast track construction management; less expensive materials and hardware Negative: Weather problems</p> <p>Factors affecting time schedule: Positive: Simple construction methods; phased construction, fast track construction management; coordination of design between parties Negative: Weather problems</p> |



Erie County Holding Center (Remodel/Expansion)

Jurisdiction official: Thomas F. Higgins, Sheriff

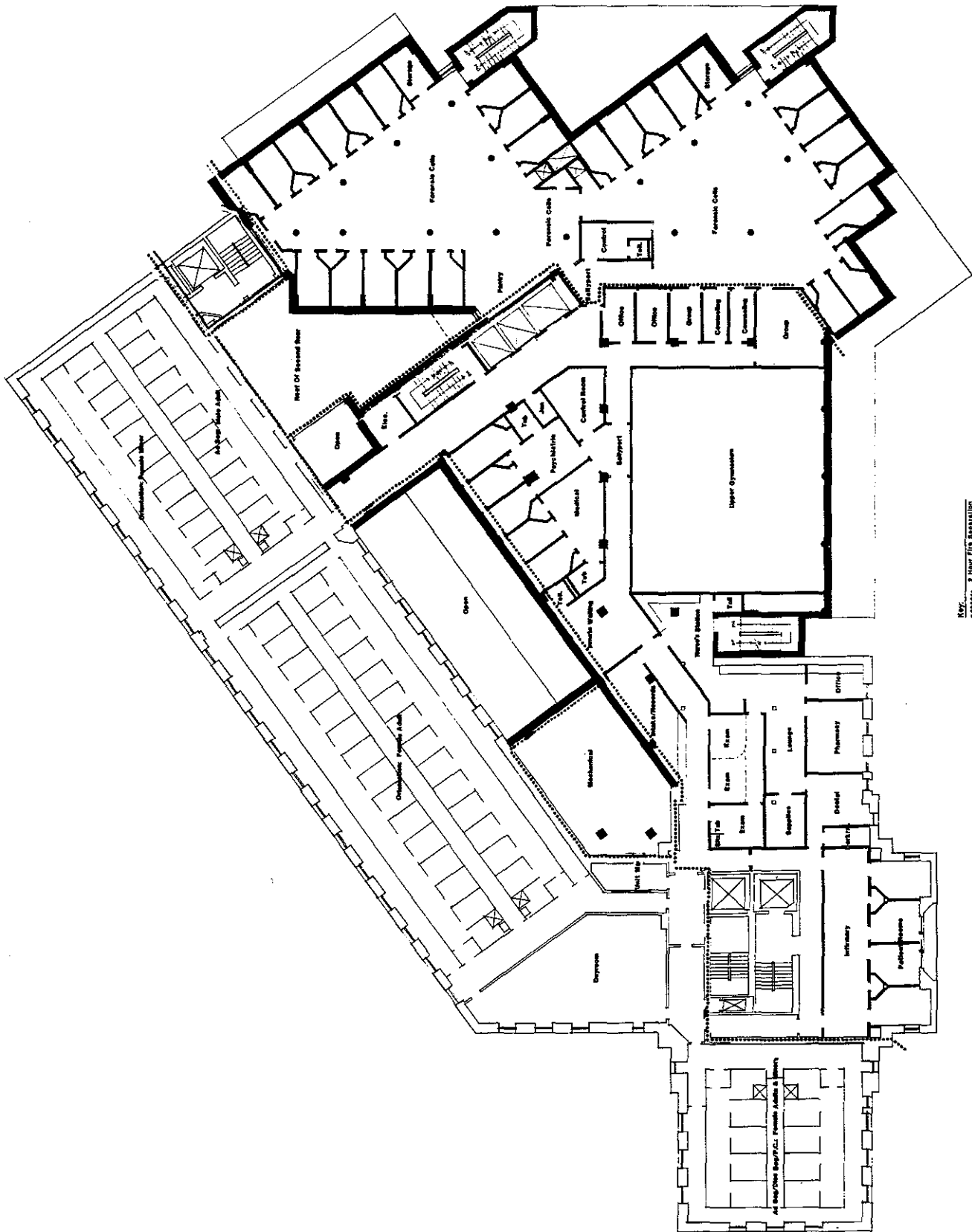
Contact: Superintendent Raul Russi, Erie County Holding Center, 40 Delaware, Buffalo, NY 14202, 716-846-7636

Architects: Cannon Design, 2170 White Haven Boulevard, Grand Island, NY 14072, 716-745-3688

The Ehrenkrantz Group, 19 West 44th Street, New York, NY 10036-4072, 212-730-1950

Construction manager: Siegfried Construction, 1 Town Center, Audubon-Amherst, Buffalo, NY 14228, 716-689-8500

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| <p>Groundbreaking: March 1984 Finish date: September 1986 Construction time: 30 months</p> | <p>Design capacity: 516 Total cost: \$20,000,000 Total annual operating costs: N/A (expansion)</p> | <p>Category: Remodeling/renovation project; expansion project Facility type: County jail Building configuration: Integrated structure; high rise</p> |
| <p>Costs</p> <p>Total: \$20,000,000 Building only: \$19,850,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (remodel) Total per GSF: \$142.86 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 140,000 Gross square feet/other: 0 Gross square feet/total: 140,000 Housing area square feet: 62,294 Gross square feet per inmate: 271 Size of cells: 70 square feet (gen. single); 80 square feet (spec. single) Net/gross square feet: 63%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Direct supervision November 1987 population: 532 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Video camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Architectural precast Interior walls: Cast-in-place concrete; CMU block; gypsum board; security plaster Exterior surface/facade: Architectural precast panels</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Moderate; exterior wall panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: One-way to cells; PA system throughout facility; intercom for door operation HVAC: Air conditioning; gas heat Plumbing: China Furniture: Steel; wood; vinyl/plastic Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations; preaction system with abort function</p> | <p>Inmate design capacity</p> <p>Single occupancy: 468 Double occupancy: 0 Dorms: 0 Special housing: 48 General population: 468 Total: 516</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Prefab. components, factory assembly; phased const., fast track CM; favorable market; less expensive materials; new generation jail Negative: Difficult site conditions; complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Prefab. components, factory assembly; phased const., fast track CM; coordination of design between parties Negative: Difficulty in getting security systems subcontractor to deliver materials per specs and on time</p> |



KEY: 3 story fire separation
 health service
 security walls

Federal Correctional Institution

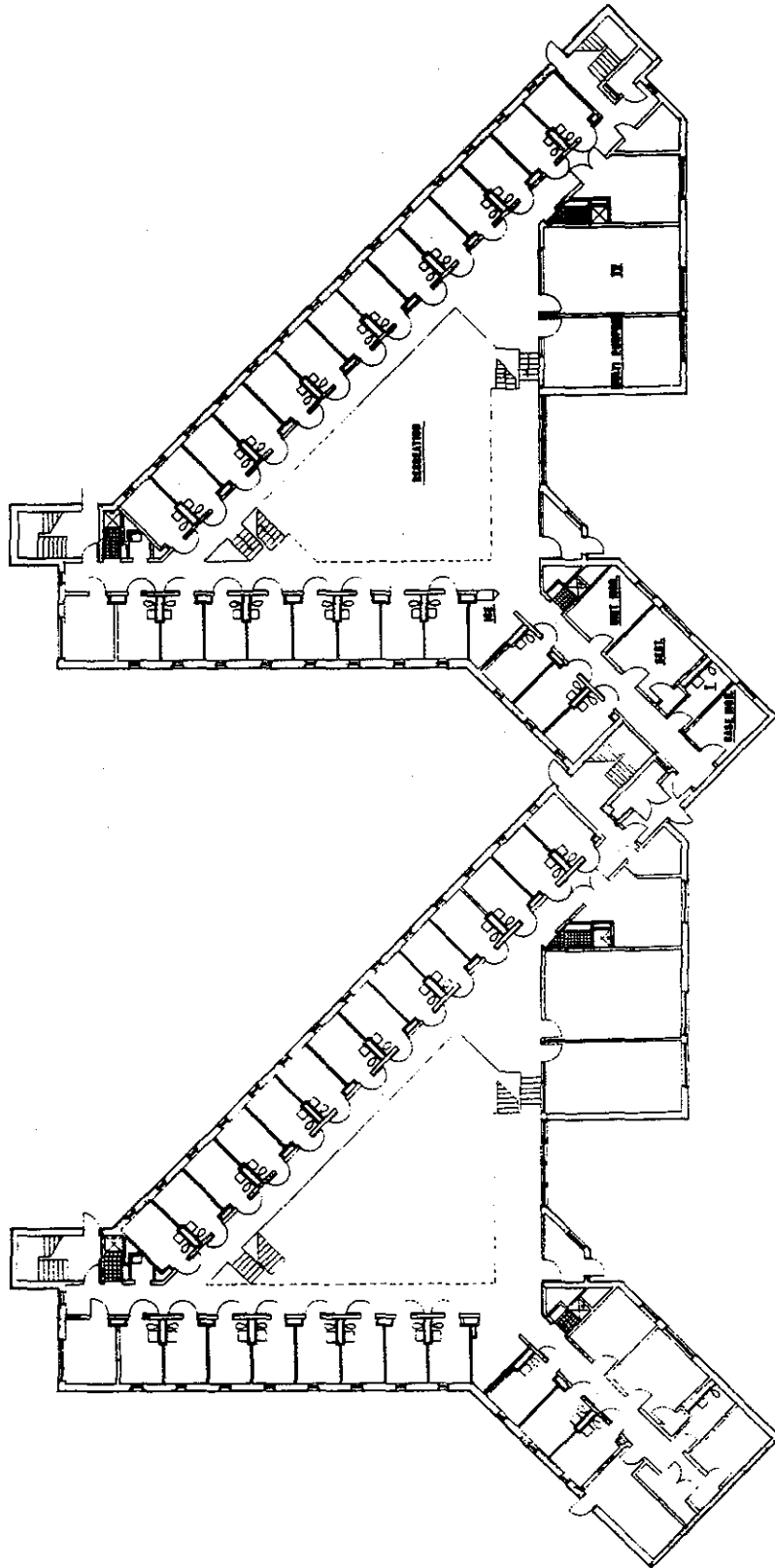
Jurisdiction official: J. Michael Quinlan, Director, Bureau of Prisons

Contact: Warden Jesse R. James, Federal Correctional Institution, Otisville, NY 10963, 914-386-5855

Architect: Davis Brody and Associates, 100 East 42nd Street, New York, NY 10017, 212-599-7272

Construction manager: Lasker Goldman Corporation, 470 Park Avenue South, New York, NY 10016, 212-481-3409

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| <p>Groundbreaking: October 1976 Finish date: October 1980 Construction time: 48 months</p> | <p>Design capacity: 500 Total cost: \$16,861,964 Total annual operating costs: \$7,712,800</p> | <p>Category: New, independent facility Facility type: Federal prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$16,861,964 Building only: \$14,315,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$33,724 Total per GSF: \$63.58 Total annual operating costs: \$7,712,800</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 265,195 Gross square feet/other: 0 Gross square feet/total: 265,195 Housing area square feet: 94,104 Gross square feet per inmate: 530 Size of cells: 84 square feet (single) Net/gross square feet: 74%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 65 Inmates per unit: 65-130 Management type: Direct supervision; TV surveillance September 1987 population: 767 Facility commitment: Federal prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fence; alarm/detection system; patrols Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Structural: Concrete columns/block Exterior walls: Masonry walls reinforced with steel rods and concrete grout Interior walls: CMU block Exterior surface/facade: Natural wall, no coating or treatment</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: Federal funds Contract method: Construction management fast track Use of inmate labor: Limited; interior painting; floor tile; concrete walks; finished site work Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Vinyl tile Intercom: None HVAC: Heating/air circulation only Plumbing: China Furniture: Wood Fire protection: Smoke detectors in ducts</p> | <p>Single occupancy: 390 Double occupancy: 0 Dorms: 0 Special housing: 110 General population: 390 Total: 500</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 44 Security: 100 Programs/treatment: 70 Maintenance: 32 Total: 246 Current inmate/staff ratio: 3.12:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Unknown Negative: Unknown</p> <p>Factors affecting time schedule: Positive: Unknown Negative: Unknown</p> |



INMATE HOUSING UNIT FIRST FLOOR

Federal Correctional Institution

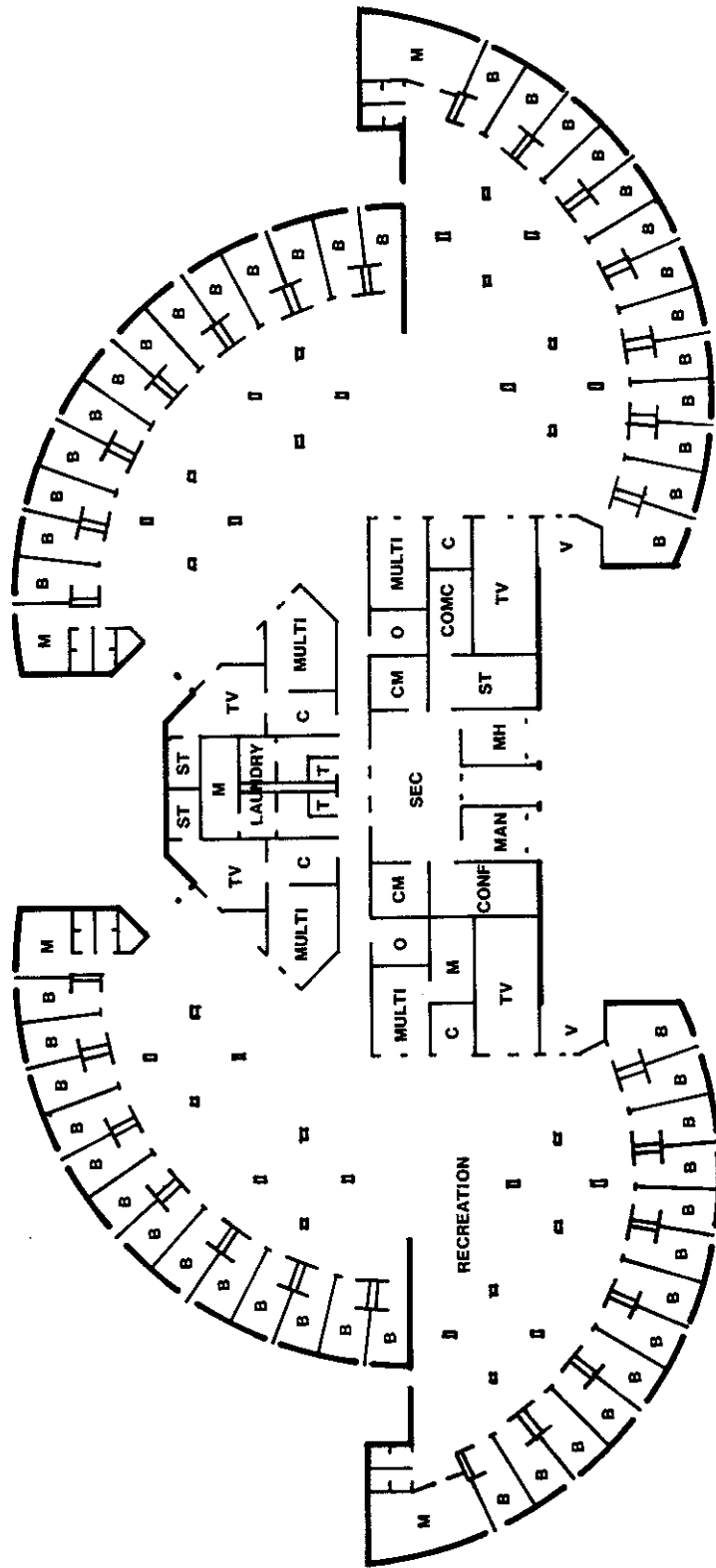
Jurisdiction official: J. Michael Quinlan, Director, Bureau of Prisons

Contact: Warden John T. Hadden, Federal Correctional Institution, Ray Brook, NY 12977-0300, 518-891-5400

Architect: The Robinson Green Beretta Corporation, 2 John Street, Providence, RI 02906, 401-272-1730

Construction manager: Gilbane Building Company, 90 Calverley Street, Providence, RI 01940, 401-456-5800

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| <p>Groundbreaking: May 1977 Finish date: December 1980 Construction time: 43 months</p> | <p>Design capacity: 534 Total cost: \$21,424,630 Total annual operating costs: \$8,000,000</p> | <p>Category: New, independent facility Facility type: Federal prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$21,424,630 Building only: \$21,270,040 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$40,121 Total per GSF: \$76.16 Total annual operating costs: \$8,000,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 281,310 Gross square feet/other: 0 Gross square feet/total: 281,310 Housing area square feet: 144,000 Gross square feet per inmate: 527 Size of cells: 91 square feet (single) Net/gross square feet: N/A</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 102 Inmates per unit: 102 Management type: Direct supervision October 1985 population: 797 Facility commitment: Federal prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences; razor wire between fences; patrols Inmate security level: Maximum: 4.5% Medium: 95.5% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Federal funds Contract method: Construction management fast track; sealed bidding Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Vinyl tile; carpet Intercom: Unknown HVAC: Heating/air circulation only Plumbing: China Furniture: Wood Fire protection: Smoke detectors for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 510 Double occupancy: 0 Dorms: 0 Special housing: 24 General population: 510 Total: 534</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 29 Security: 91 Programs/treatment: 24 Maintenance: 13 Total: 157 Current inmate/staff ratio: 5.08:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Difficult site conditions; remote location, limited labor pool</p> <p>Factors affecting time schedule: Positive: Phased construction, fast track construction management; advanced order of materials and hardware; coordination of design between parties Negative: Weather problems</p> |



Kirby Forensic Psychiatric Center (Remodel)

Jurisdiction official: Richard C. Surles, Commissioner, New York State Office of Mental Health

Contact: Stuart Linder, Director, Admin. Services, Kirby Forensic Psychiatric Center, Wards Island, New York, NY 10035, 212-427-9003

Architect: Rose, Beaton + Rose, 81 Main Street, White Plains, NY 10601, 914-682-4850

Construction manager: Facilities Development Corporation, 44 Holland Avenue, Albany, NY 12208, 518-474-2121

| | | |
|--|---|---|
| <p>Groundbreaking: July 1982 Finish date: December 1984 Construction time: 29 months</p> | <p>Design capacity: 356 Total cost: \$4,328,172 Total annual operating costs: \$8,770,000</p> | <p>Category: Remodel, renovation of psychiatric hospital Facility type: State forensic treatment center Building configuration: High rise</p> |
| <p>Costs</p> <p>Total: \$4,328,172 Building only: \$3,447,610 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (remodel) Total per GSF: N/A (remodel) Total annual operating costs: \$8,770,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 252,835 Gross square feet/other: 0 Gross square feet/total: 252,835 Housing area square feet: 184,860 Gross square feet per inmate: 710 Size of cells: N/A (hospital) Net/gross square feet: 59%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Dormitory style Cells per unit: N/A Inmates per unit: 25 Management type: Direct supervision October 1985 population: 150 Facility commitment: State prisoners Means to handle crowding: Additional beds in dormitory area</p> |
| <p>Security</p> <p>Perimeter: Double fence; sensor and razor wire on fence; microwave detection Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Structural: Fireproofed steel frame Exterior walls: Brick facing with terra cotta block backup Interior walls: Cast-in-place concrete floors; terra cotta block partitions Exterior surface/facade: Brick</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional; six prime contractors Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Linoleum; existing terrazzo Intercom: None HVAC: Heating/air circulation only; steam heating plant Plumbing: China Furniture: Wood Fire protection: Smoke detectors in corridors</p> | <p>Single occupancy: 13 Double occupancy: 78 Dorms: 234 Special housing: 31 General population: 325 Total: 356</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 58 Security: 160 Programs/treatment: 70 Maintenance: 40 Total: 328 Current inmate/staff ratio: .46:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Building had been a psychiatric hospital, well built and adaptable to design criteria Negative: Poor heating system could not be rehabilitated</p> <p>Factors affecting time schedule: Positive: Structural modifications were minimal Negative: Contractor problems</p> |

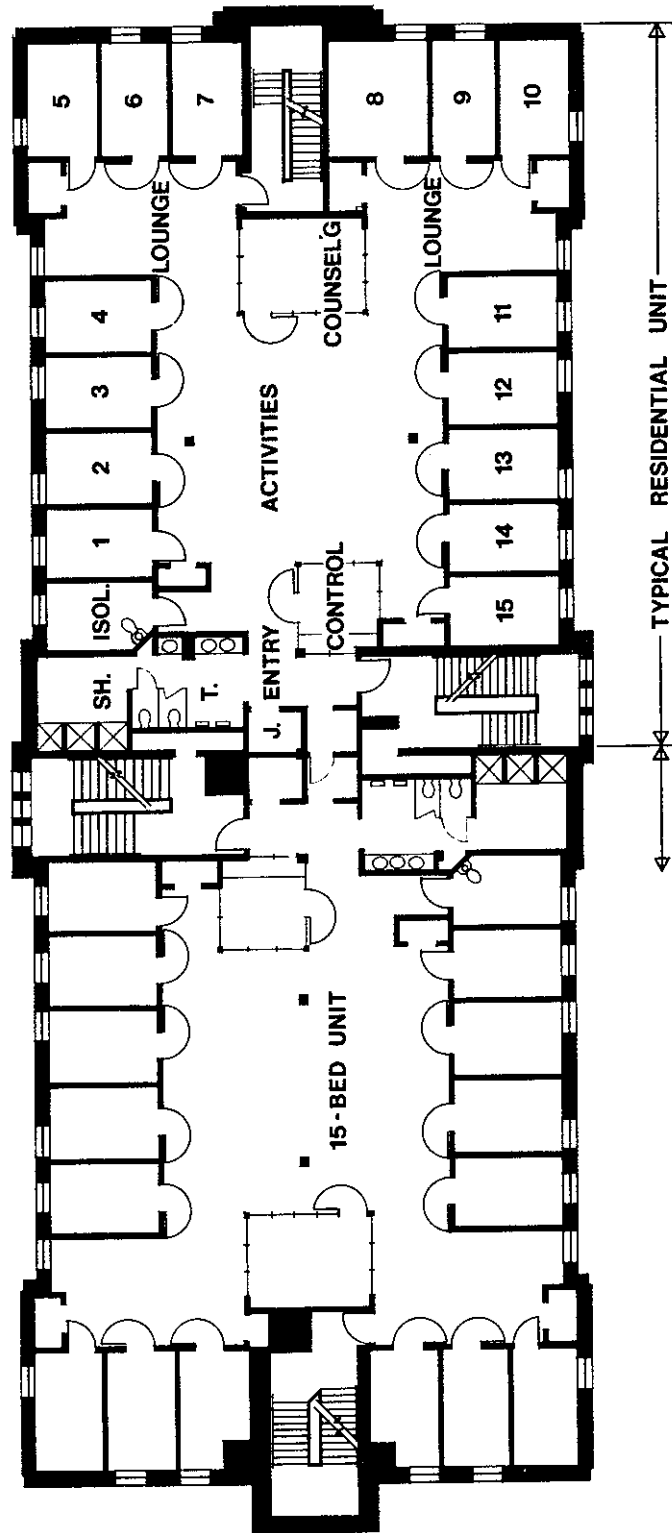
(No floorplan available at time of publication)

Masten Park Secure Center (Remodel/Expansion)

Jurisdiction official: Leonard G. Dunston, Director, New York State Executive Department Division for Youth

Contact: Ruth M. Noriega, Director, Masten Park Secure Center, 485 Best Street, Buffalo, NY 14208, 716-881-7577
Architect: Milstein, Wittek & Associates, Architects, P.C., 300 Delaware Avenue, Buffalo, NY 14202, 716-856-8320
Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: September 1980 Finish date: June 1983 Construction time: 33 months</p> | <p>Design capacity: 68 Total cost: \$2,630,695 Total annual operating costs: N/A (expansion)</p> | <p>Category: Remodeling/renovation project; expansion Facility type: State secure center for youth Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$2,630,695 Building only: \$2,480,000 Housing area: \$929,120 Housing per inmate: \$15,485 Housing per cell: \$15,485 Total per inmate: N/A (remodel) Total per GSF: \$48.90 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 53,799 Gross square feet/other: 0 Gross square feet/total: 53,799 Housing area square feet: 20,156 Gross square feet per inmate: 791 Size of cells: 93 square feet (single) Net/gross square feet: 83%</p> <p>Construction type</p> <p>Structural: Steel frame; load-bearing masonry Exterior walls: Brick; stone Interior walls: CMU block; reinforced veneer plaster system Exterior surface/facade: Brick; stone</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 16 Inmates per unit: 16 Management type: Direct supervision October 1985 population: 100 (entire facility) Facility commitment: Adjudicated youths, 13 to 21 years of age Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence; video camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 60 Double occupancy: 0 Dorms: 0 Special housing: 8 General population: 60 Total: 68</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: 147 (entire facility) Current inmate/staff ratio: .68:1 (entire facility)</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Vinyl tile Intercom: Two-way to common areas HVAC: Heating/air circulation only; steam heating plant Plumbing: Stainless steel Furniture: Steel; wood Fire protection: Smoke detectors for cells and common areas; manual alarm stations; standpipe system; dry sprinkler in attic</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; good competition, favorable markets; less expensive materials and hardware Negative: Slow construction; government procedures, regulations, "red tape"; complex electronic, mechanical, and electrical systems Factors affecting time schedule: Positive: Coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers; government procedures, regulations, "red tape"; complex electronic, mechanical, and electrical systems</p> |



**TYPICAL LAYOUT
2ND & 3RD FLOORS**

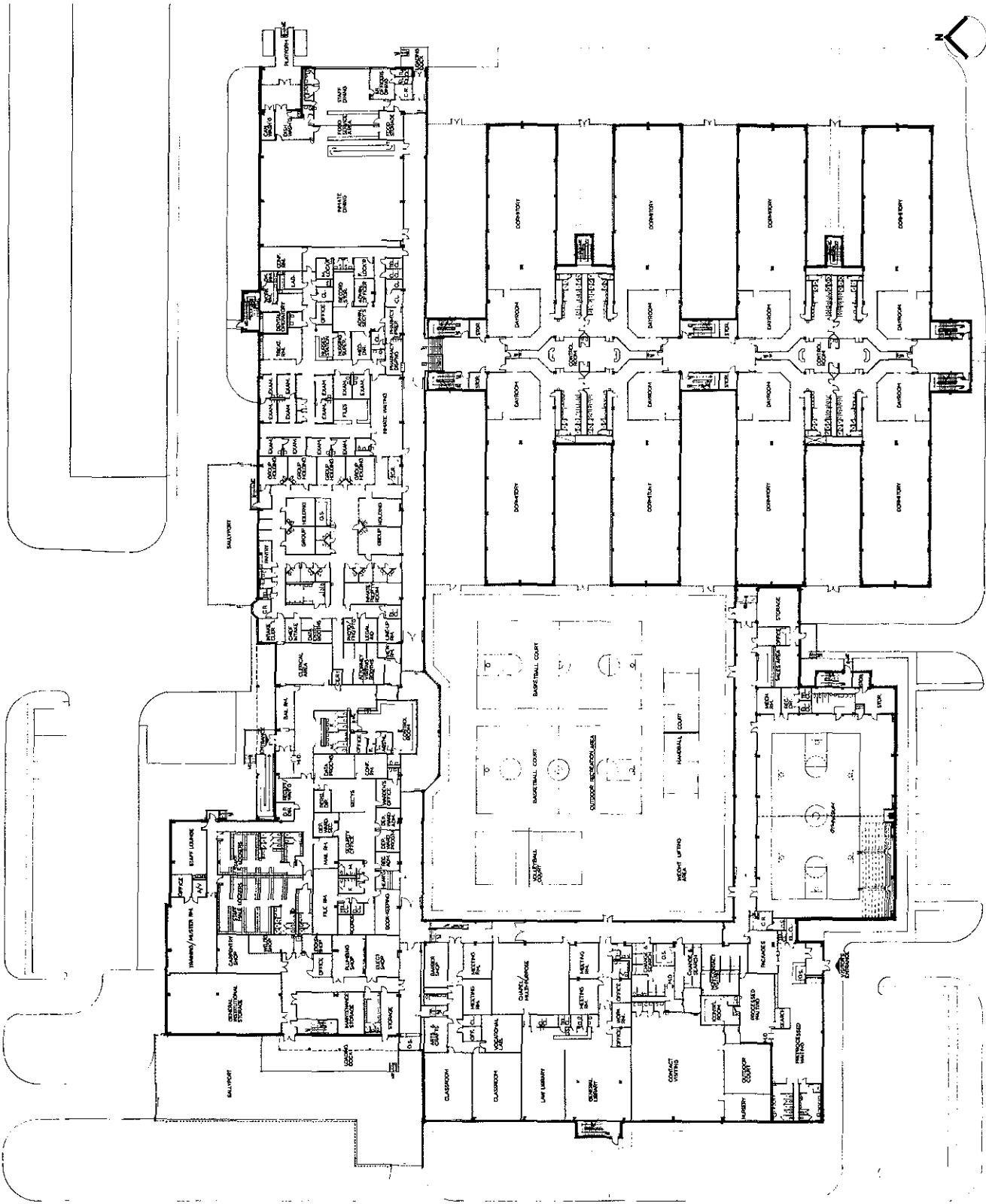


North Facility

Jurisdiction official: Richard J. Koehler, Commissioner, New York City Department of Corrections

Contact: Warden Otis Bantum, North Facility, 1600 Hazen Street, East Elmhurst, New York, NY 11370, 718-956-2400
Architect: Gonchor & Spu Architects & Planners, 192 Lexington Avenue, New York, NY 10016, 212-685-2883
Construction manager: Morrison-Knudsen Company, 800 Second Avenue, 5th Floor, New York, NY 10017, 718-274-3856

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| <p>Groundbreaking: March 1984 Finish date: April 1985 Construction time: 13 months</p> | <p>Design capacity: 800 Total cost: \$38,840,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: City jail Building configuration: Telephone pole with courtyard</p> |
| <p>Costs</p> <p>Total: \$38,840,000 Building only: \$32,310,000 Housing area: \$17,500,000 Housing per inmate: \$21,875 Housing per cell: \$1,093,750 Total per inmate: \$48,550 Total per GSF: \$164.96 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 235,450 Gross square feet/other: 0 Gross square feet/total: 235,450 Housing area square feet: 124,500 Gross square feet per inmate: 294 Size of cells: 3,485 square feet (dorms) Net/gross square feet: 71%</p> | <p>Inmate housing areas</p> <p>Design: Ladder Cells per unit: 1 Inmates per unit: 57 to 87 Management type: Remote surveillance January 1987 population: 1,324 Facility commitment: Local jail inmates Means to handle crowding: Bunk beds in dormitory</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Cast-in-place concrete; pre-engineered metal building Interior walls: CMU block Exterior surface/facade: Metal panels</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Unknown Floor surface: Vinyl tile Intercom: Two-way to cells HVAC: Steam heat; heating/air circulation Plumbing: China Furniture: Steel; wood Fire protection: Smoke detectors for cells and common areas; manual alarm stations; sprinklers for corridors and storage areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 800 Special housing: 0 General population: 800 Total: 800</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 28 Security: 610 Programs/treatment: 90 Maintenance: 16 Total: 744 Current inmate/staff ratio: 1.78:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Phased construction, fast track CM; good competition, favorable market Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Phased construction, fast track CM; advanced order of materials and hardware Negative: Labor problems; complex electronic, mechanical, and electrical systems</p> |



Rikers Island: Modular Units (Addition)

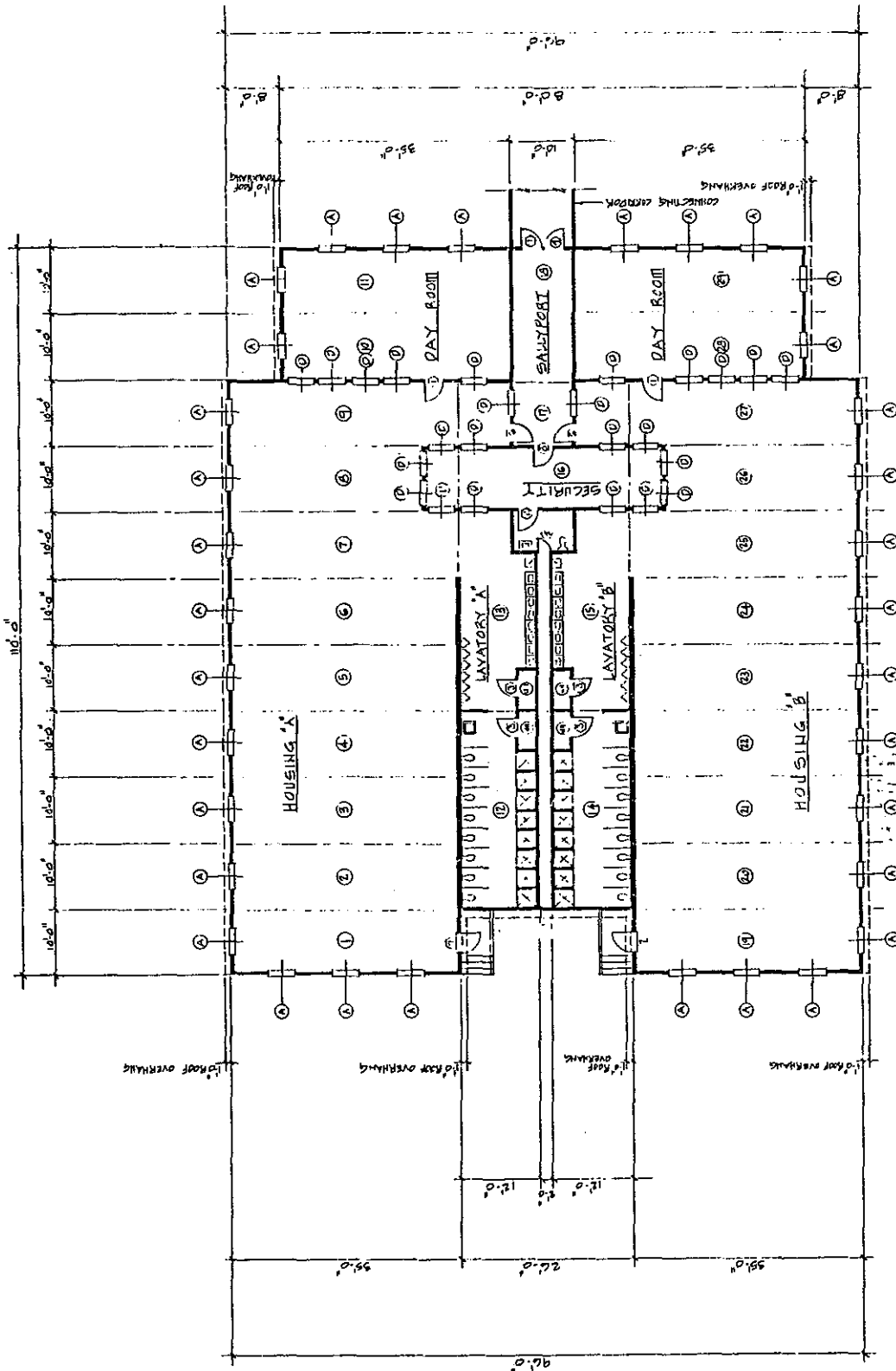
Jurisdiction official: Richard J. Koehler, Commissioner, New York City Department of Corrections

Contact: Leonard Venachanos, Rikers Island, Hazen Street, East Elmhurst, NY 11370, 718-374-7934

Modular manufacturer: Arthur Industries, Inc., P.O. Box 74, Terryville, CT 06786, 203-582-6552

Construction manager: None

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| <p>Groundbreaking: March 1985 Finish date: July 1985 Construction time: 4 months</p> | <p>Design capacity: 1,900 Total cost: \$32,609,440 Total annual operating costs: Unknown</p> | <p>Category: New, ancillary building Facility type: City jail Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$32,609,440 Building only: \$32,609,440 Housing area: \$22,800,000 Housing per inmate: \$12,000 Housing per cell: \$1,200,000 Total per inmate: \$17,163 Total per GSF: \$133.45 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 244,360 Gross square feet/other: 0 Gross square feet/total: 244,360 Housing area square feet: 178,080 Gross square feet per inmate: 129 Size of cells: Unknown Net/gross square feet: 85%</p> | <p>Inmate housing areas</p> <p>Design: Dormitory style Cells per unit: 1 Inmates per unit: 100 Management type: Remote surveillance July 1986 population: 1,900 Facility commitment: Local jail inmates Means to handle crowding: New modular construction</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fences; patrols Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Wood trusses Exterior walls: Wood framed Interior walls: Wood framed Exterior surface/facade: Aluminum siding</p> | <p>Construction process</p> <p>Finance method: Local funds; capital budget for New York City Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive; all modular construction</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Epoxy coating; vinyl tile Intercom: One-way to common areas HVAC: Air conditioning; electric heat pump Plumbing: China Fire protection: Smoke detectors for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 1,900 Special housing: 0 General population: 1,900 Total: 1,900</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 76 Programs/treatment: N/A Maintenance: N/A Total: 76 (addition only) Current inmate/staff ratio: 25.00:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; simple construction methods, repetitiveness of design; phased construction, fast track CM Negative: High labor costs; government procedures, regulations, and red tape</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; phased construction, fast track CM Negative: Slow responses and delivery from vendors, suppliers; labor problems</p> |



Craven County Law Enforcement Center

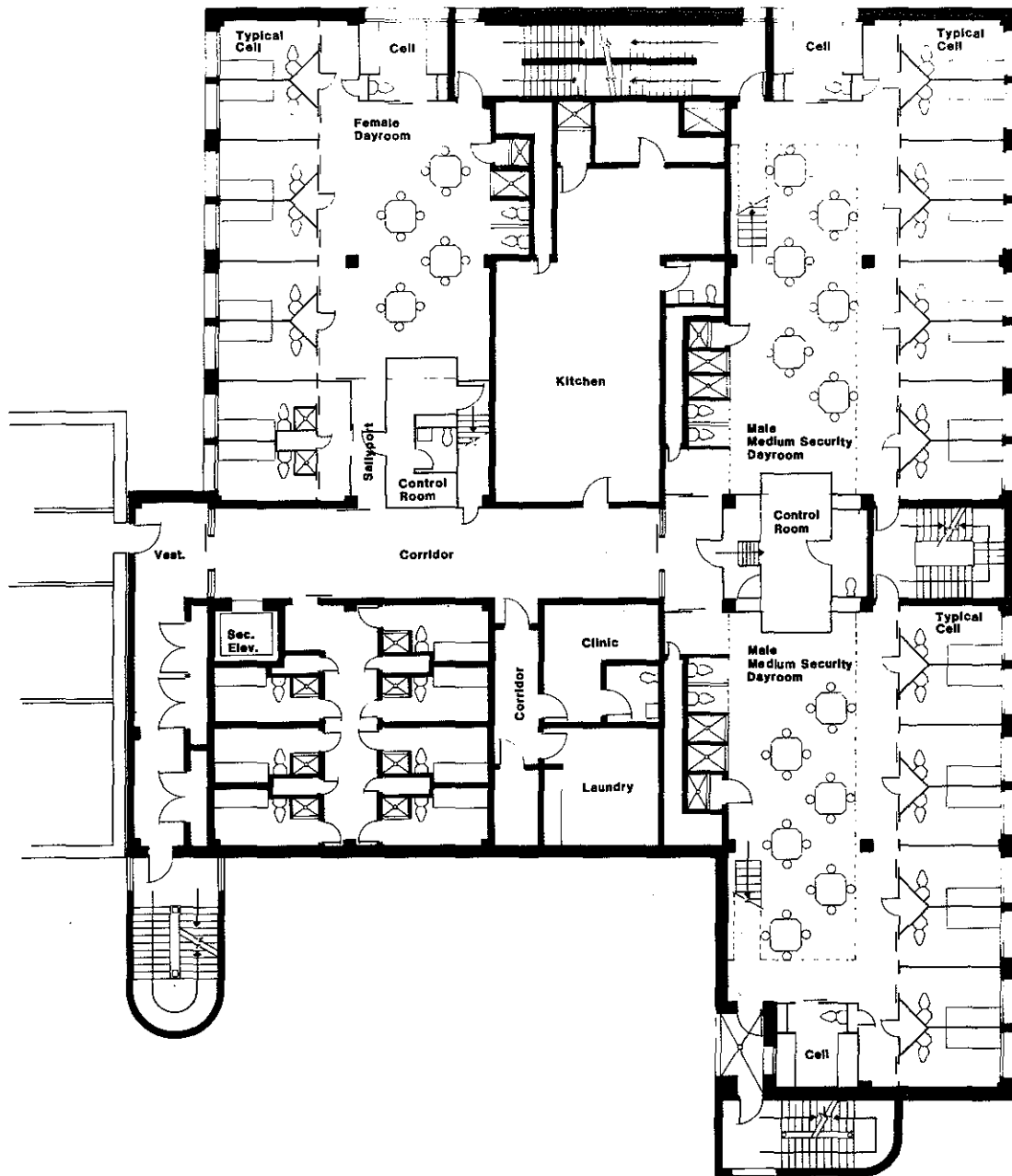
Jurisdiction official: Pete Bland, Sheriff

Contact: Captain Ed Weigl, Jail Administrator, Craven County Law Enforcement Center, New Bern, NC 28560, 919-636-6619

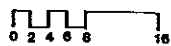
Architect: J.N. Pease Associates, P.O. Box 18725, Charlotte, NC 28218, 704-376-6423

Construction manager: None

| | | |
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| <p>Groundbreaking: February 1982 Finish date: March 1984 Construction time: 24 months</p> | <p>Design capacity: 78 Total cost: \$3,500,000 Total annual operating costs: \$581,205</p> | <p>Category: New independent facility Facility type: Complex: county jail, law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,500,000 Building only: \$3,200,000 Housing area: \$1,600,000 Housing per inmate: \$20,513 Housing per cell: \$20,513 Total per inmate: N/A (complex) Total per GSF: \$87.50 Total annual operating costs: \$581,205</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 20,000 Gross square feet/other: 20,000 Gross square feet/total: 40,000 Housing area square feet: N/A Gross square feet per inmate: 513 Size of cells: 72 square feet (single) Net/gross square feet: 75%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 24 Inmates per unit: 24 Management type: Remote surveillance October 1985 population: 50 Facility commitment: Local jail inmates and State prisoners Means to handle crowding: Bunk beds</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: CMU block; brick Interior walls: CMU block (reinforced); steel plate Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Revenue sharing Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning; central heating plant/boiler Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 78 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 78 Total: 78</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems</p> |
| | <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 18 Programs/treatment: 0 Maintenance: 4 Total: 24 Current inmate/staff ratio: 2.08:1</p> | <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Complex electronic, mechanical, and electrical systems</p> |



Second Level Plan

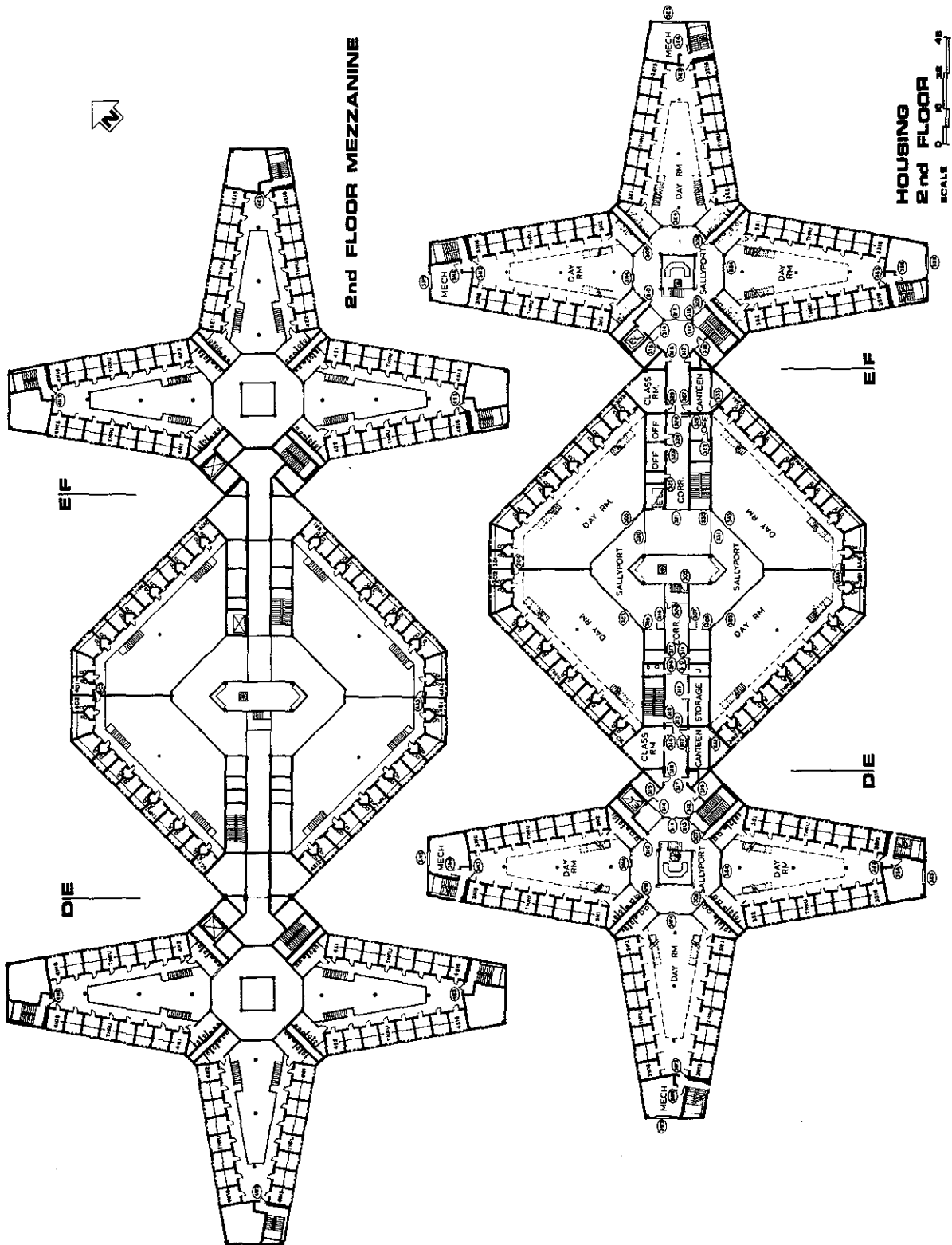


Eastern Correctional Center

Jurisdiction official: Aaron J. Johnson, Secretary, Department of Correction

Contact: Superintendent David W. Chester, Eastern Correctional Center, P.O. Box 215, Maury, NC 28554, 919-747-8101
Architect: Grier-Fripp Associates, Inc., Suite 300, P.O. Box 11207, 4108 Park Road, Charlotte, NC 28220, 704-527-2514
Construction manager: None

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| <p>Groundbreaking: December 1980 Finish date: February 1983 Construction time: 26 months</p> | <p>Design capacity: 488 Total cost: \$16,582,143 Total annual operating costs: \$7,155,702</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$16,582,143 Building only: \$15,567,015 Housing area: \$11,997,088 Housing per inmate: \$24,994 Housing per cell: \$24,994 Total per inmate: \$33,980 Total per GSF: \$83.99 Total annual operating costs: \$7,155,702</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 197,441 Gross square feet/other: 0 Gross square feet/total: 197,441 Housing area square feet: 137,804 Gross square feet per inmate: 405 Size of cells: 66 square feet (single) Net/gross square feet: 90%</p> <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Insulated precast panels (interior wall surface) Interior walls: Precast panels (interior wall surface); cast-in-place concrete; CMU block Exterior surface/facade: Natural wall, no coating or treatment; textured concrete</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside; module/pod Cells per unit: 24 and 32 Inmates per unit: 100 Management type: Remote surveillance; direct supervision October 1985 population: 448 Facility commitment: State prisoners Means to handle crowding: Beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fence; towers Inmate security level: Maximum: 20% Medium: 80% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 480 Double occupancy: 0 Dorms: 0 Special housing: 8 General population: 480 Total: 488</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 33 Security: 182 Programs/treatment: 38 Maintenance: 19 Total: 272 Current inmate/staff ratio: 1.65:1</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking; remote locking only Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning; wood chip boiler—hot water to air handling units Plumbing: Stainless combination unit; china (med.) Furniture: Steel Fire protection: Smoke detectors for common areas; manual alarm stations</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; good competition, favorable market; design innovations Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; design innovations Negative: None</p> | |

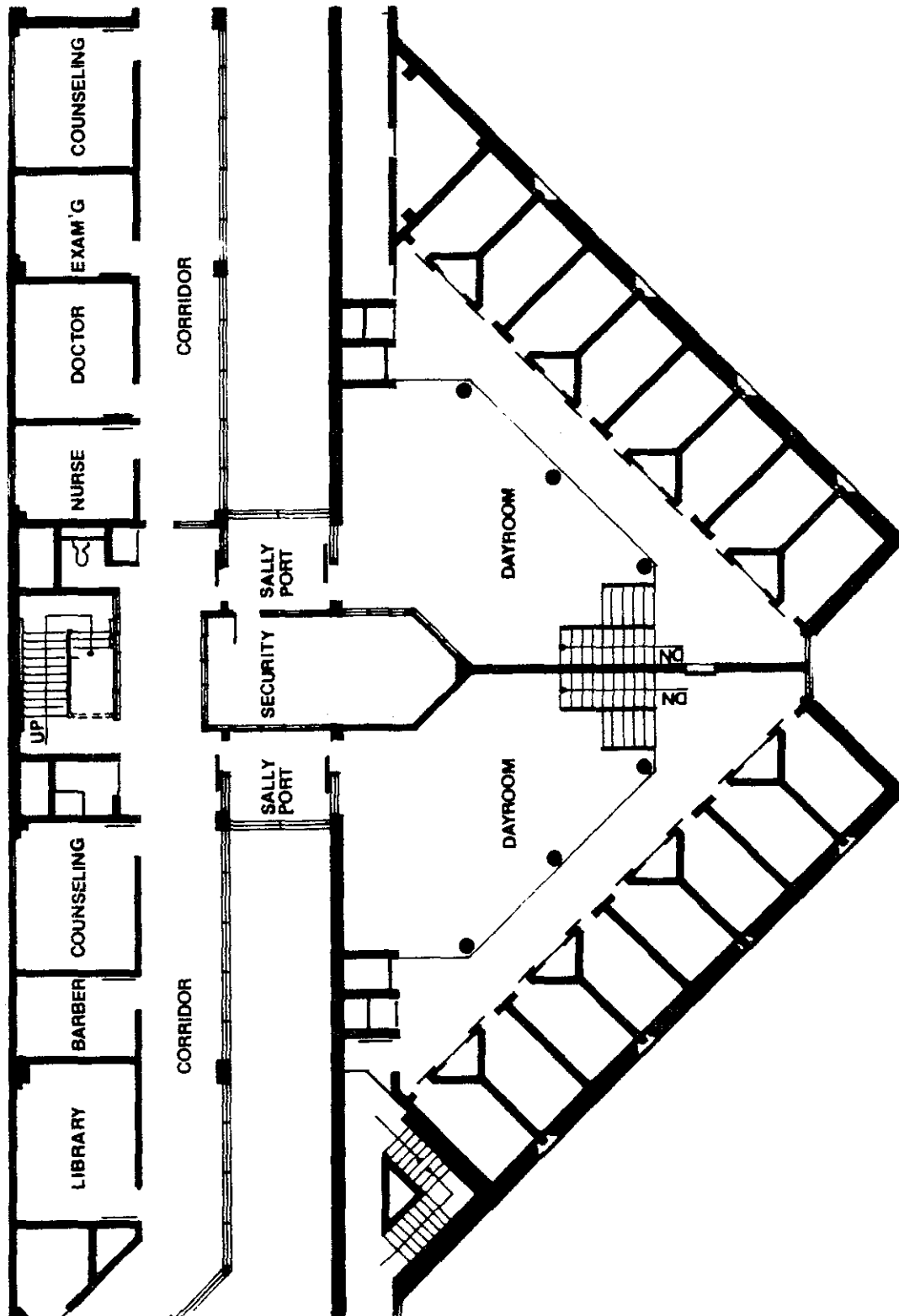


North Carolina Central Prison (Addition)

Jurisdiction official: Aaron J. Johnson, Secretary, Department of Correction

Contact: Warden Nathan A. Rice, North Carolina Central Prison, 1300 Western Boulevard, Raleigh, NC 27606, 919-834-0130
Architects: J.N. Pease Associates, P.O. Box 18725, Charlotte, NC 28218, 704-376-6423
 Hellmuth, Obata & Kassabaum, Inc., 100 North Broadway, St. Louis, MO 63102, 314-421-2000
Construction manager: Metric Constructors, Inc., 6135 Park Road, Two South Executive Park, Charlotte, NC 28210, 704-554-1415

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| <p>Groundbreaking: November 1978 Finish date: April 1982 Construction time: 41 months</p> | <p>Design capacity: 588 Total cost: \$35,000,000 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Wings connecting housing pods</p> |
| <p>Costs</p> <p>Total: \$35,000,000 Building only: \$33,500,000 Housing area: \$19,950,000 Housing per inmate: \$33,929 Housing per cell: \$33,929 Total per inmate: \$59,524 Total per GSF: \$92.11 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 380,000 Gross square feet/other: 0 Gross square feet/total: 380,000 Housing area square feet: 210,000 Gross square feet per inmate: 646 Size of cells: 72 square feet (single) Net/gross square feet: 76%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 16 Inmates per unit: 16 Management type: Remote surveillance; direct supervision October 1985 population: 831 Facility commitment: State prisoners Means to handle crowding: Bunk beds in cells</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fence; towers Inmate security level: Maximum: 75% Medium: 25% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Precast panels Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive; exterior walls and structural frame inside perimeter</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning; central heating plant/boiler Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; central fire alarm</p> | <p>Inmate design capacity</p> <p>Single occupancy: 588 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 588 Total: 588</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: N/A Programs/treatment: N/A Maintenance: N/A Total: N/A (addition) Current inmate/staff ratio: N/A</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design Negative: Slow construction, difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefab. components, factory assembly; simple con. methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors; complex electronic, mechanical, and electrical systems</p> |



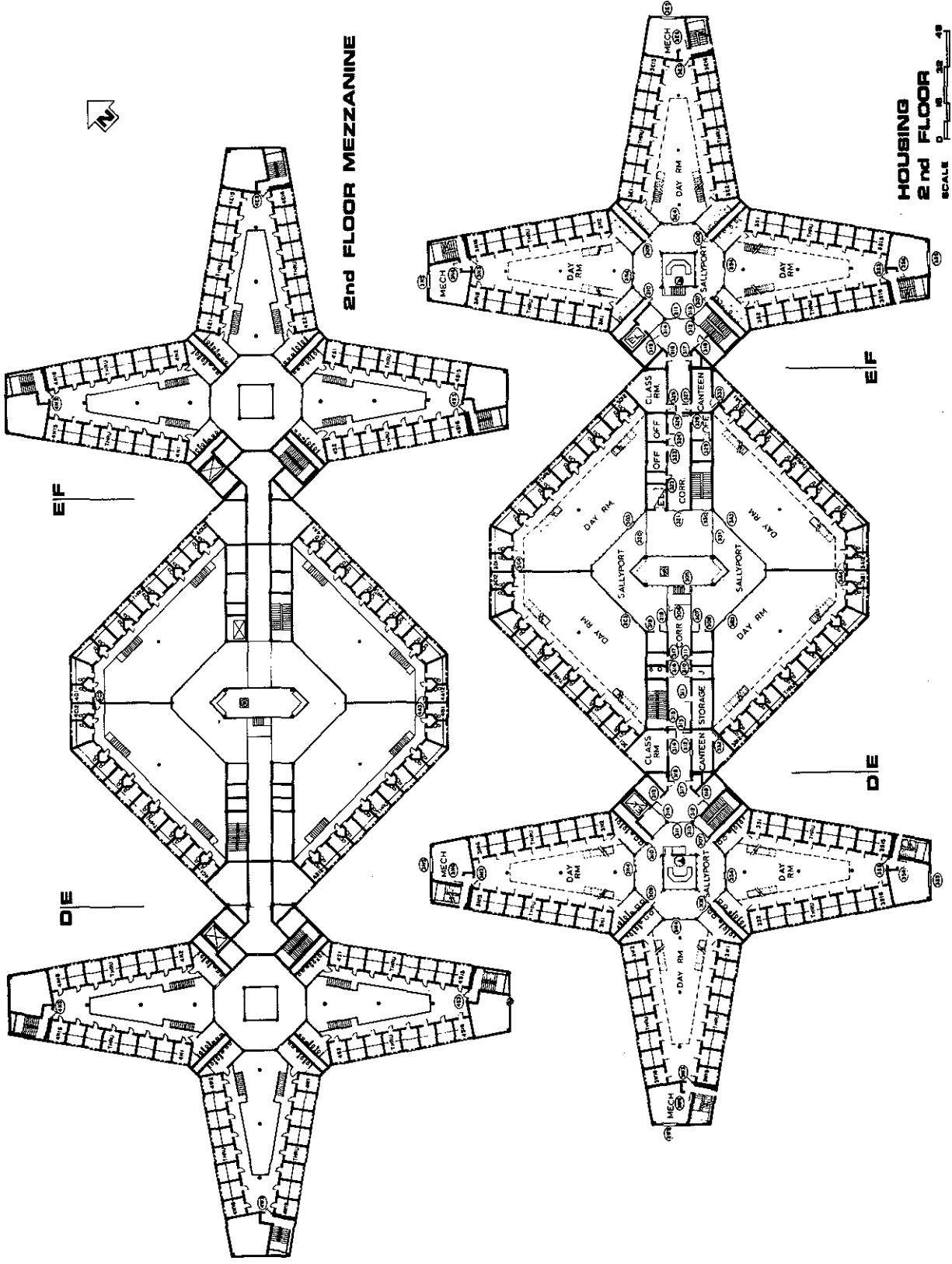
Typical Living Unit

Southern Correctional Center

Jurisdiction official: Aaron J. Johnson, Secretary, Department of Correction

Contact: Superintendent Michael Bumgarner, Southern Correctional Center, P.O. Box 786, Troy, NC 27371, 919-572-3784
Architect: Grier-Fripp Associates, Inc., Suite 300, P.O. Box 11207, 4108 Park Road, Charlotte, NC 28220, 704-527-2514
Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: December 1980 Finish date: March 1983 Construction time: 27 months</p> | <p>Design capacity: 488 Total cost: \$15,799,176 Total annual operating costs: \$6,952,667</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$15,799,176 Building only: \$14,627,223 Housing area: \$11,382,647 Housing per inmate: \$23,714 Housing per cell: \$23,714 Total per inmate: \$32,375 Total per GSF: \$80.02 Total annual operating costs: \$6,952,667</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 197,441 Gross square feet/other: 0 Gross square feet/total: 197,441 Housing area square feet: 137,804 Gross square feet per inmate: 405 Size of cells: 66 square feet (single) Net/gross square feet: 90%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside; module/pod Cells per unit: 24 and 32 Inmates per unit: 100 Management type: Remote surveillance; direct supervision October 1985 population: 498 Facility commitment: State prisoners Means to handle crowding: Beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fence; towers Inmate security level: Maximum: 20% Medium: 80% Minimum: 0</p> | <p>Structural: Cast-in-place concrete frame Exterior walls: Insulated precast panels (interior wall surface) Interior walls: Precast panels (interior wall surface); cast-in-place concrete, CMU block Exterior surface/facade: Natural wall, no coating or treatment; textured concrete</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking; remote locking only Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning; wood chip boiler—hot water to air handling units Plumbing: Stainless combination unit (max.); china (med.) Furniture: Steel Fire protection: Smoke detectors for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 480 Double occupancy: 0 Dorms: 0 Special housing: 8 General population: 480 Total: 488</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 31 Security: 183 Programs/treatment: 42 Maintenance: 17 Total: 273 Current inmate/staff ratio: 1.82:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; good competition, favorable market; design innovations Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; design innovations Negative: Weather problems</p> |



Ashtabula County Justice Center

Jurisdiction official: William K. Johnston, Sheriff

Contact: Lieutenant Thomas Bishop, Ashtabula County Justice Center, 25 West Jefferson Street, Jefferson, OH 44047, 216-576-0055

Architect: Robert P. Madison International, 2930 Euclid Avenue, Cleveland, OH 44115, 216-861-8195

Construction manager: Ruhlin Construction Company, 200 North Cleveland-Massillon Road, Akron, OH 44313, 216-666-7505

| | | |
|--|--|---|
| <p>Groundbreaking: November 1977 Finish date: January 1979 Construction time: 14 months</p> | <p>Design capacity: 74 Total cost: \$4,100,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: Complex: county jail, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$4,100,000 Building only: \$4,000,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$65.97 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 56,750 Gross square feet/other: 5,400 Gross square feet/total: 62,150 Housing area square feet: 11,704 Gross square feet per inmate: 767 Size of cells: 70 square feet (single) Net/gross square feet: 85%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 8 Inmates per unit: 8 Management type: Intermittent surveillance; remote surveillance October 1985 population: 54 Facility commitment: Local jail inmates Means to handle crowding: Plans to expand</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 39% Medium: 11% Minimum: 39% (+ 11% work release)</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame; post tensioned Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Revenue sharing; other Federal funds; local funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Sealed concrete Intercom: One-way to cells; two-way to common areas HVAC: Air conditioning; fired boilers Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 74 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 74 Total: 74</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 15 Programs/treatment: 2 Maintenance: 2 Total: 23 Current inmate/staff ratio: 2.35.1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Phased construction, fast track construction management Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Phased construction, fast track construction management Negative: Slow responses and delivery from vendors, suppliers</p> |

(No floorplan available at time of publication)

Clermont County Jail

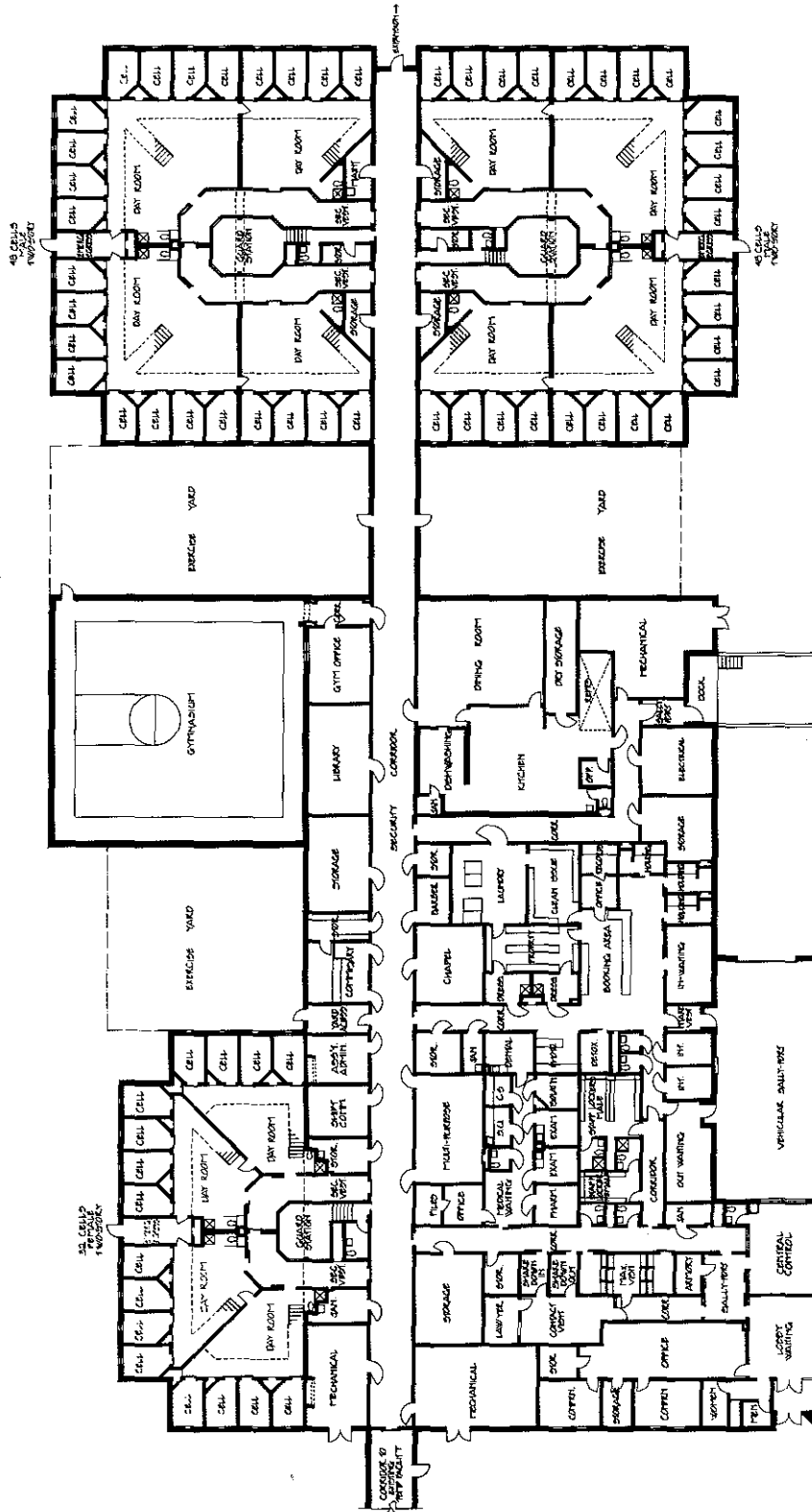
Jurisdiction official: John Van Camp, Sheriff

Contact: Sheriff John Van Camp, Clermont County Jail, 4200 Filager Road, Betavia, OH 45103, 513-732-9300

Architect: Steinkamp & Nordloh, 102 Wooster Pike, Milford, OH 45150, 513-831-4955

Construction manager: None

| | | |
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| <p>Groundbreaking: August 1984 Finish date: February 1986 Construction time: 18 months</p> | <p>Design capacity: 133 Total cost: \$5,980,000 Total annual operating costs: \$1,891,000</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$5,980,000 Building only: \$5,830,000 Housing area: \$2,500,000 Housing per inmate: \$19,531 Housing per cell: \$19,531 Total per inmate: \$44,962 Total per GSF: \$94.92 Total annual operating costs: \$1,891,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 63,000 Gross square feet/other: 0 Gross square feet/total: 63,000 Housing area square feet: 21,120 Gross square feet per inmate: 474 Size of cells: 82 square feet (single) Net/gross square feet: 67%</p> <p>Construction type</p> <p>Structural: Load bearing masonry; precast concrete roof Exterior walls: Brick Interior walls: Precast panels; CMU block; brick; bearing wall Exterior surface/facade: Brick</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Remote surveillance; officer stations view all cells; roving officer in day rooms March 1987 population: 137 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single fence; razor wire on fence; video camera surveillance Inmate security level: Maximum: 20% Medium: 80% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 128 Double occupancy: 0 Dorms: 0 Special housing: 5 General population: 128 Total: 133</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 72 Programs/treatment: 1 Maintenance: 6 Total: 81 Current inmate/staff ratio: 1.69:1</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; precast concrete roof</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete; vinyl tile; sealed concrete Plumbing: Stainless steel HVAC: Air conditioning; Gas heat Floors: Sealed concrete; vinyl tile; ceramic tile Intercom: Two-way system throughout building Furniture: Steel Fire protection: Sprinkler system throughout building</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness and simplicity of design; concise bidding documents; excellent contractors Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: None</p> | |



Hamilton County Justice Complex

Jurisdiction official: Simon L. Leis, Jr., Sheriff

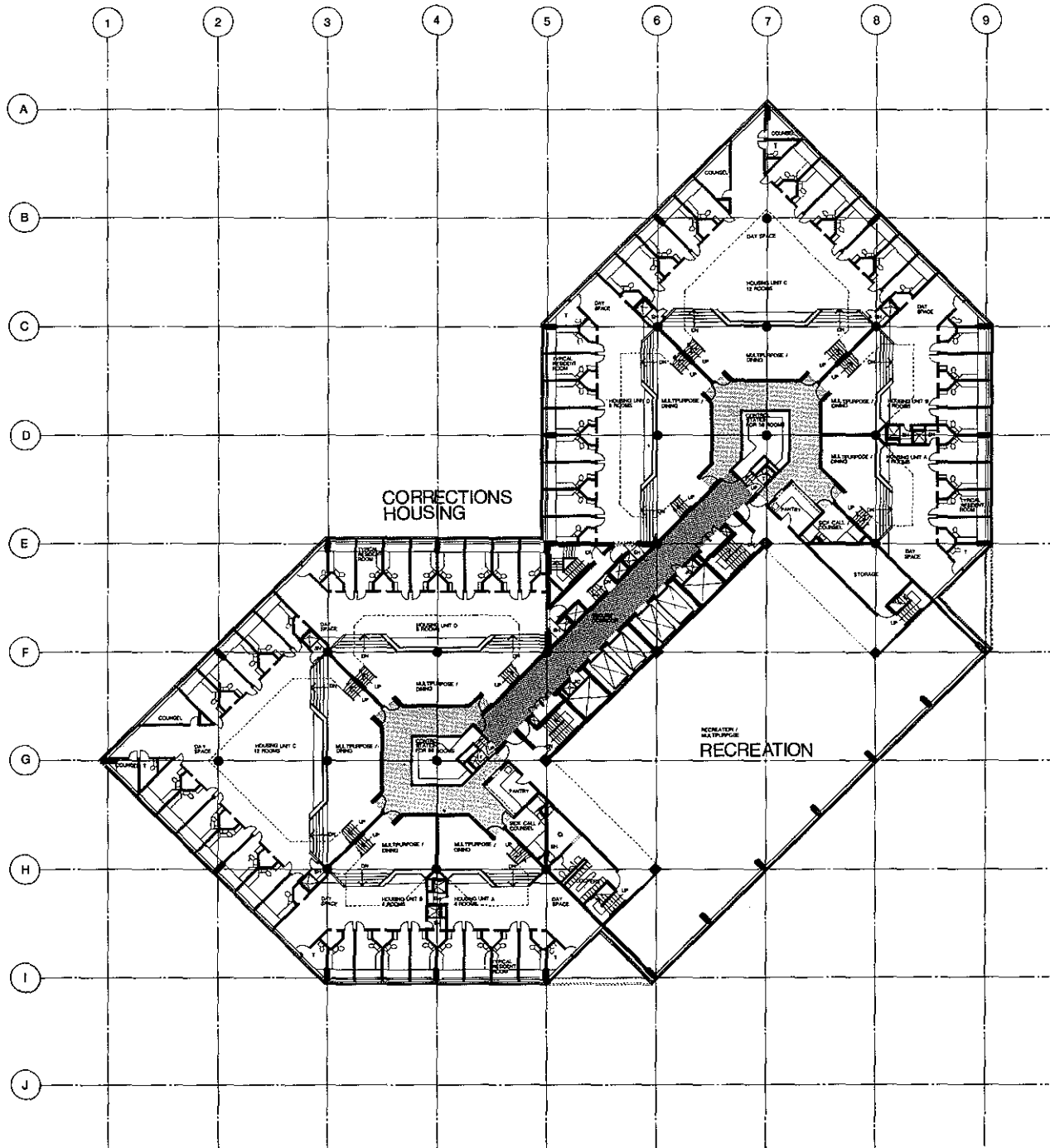
Contact: William R. Barnett, Director of Corrections, Hamilton County Sheriff's Office, 1000 Sycamore Street, Room 120, Cincinnati, OH 45202, 513-763-5153

Associated architects: Glaser & Myers, Inc.; Champlin/Haupt, Inc., 2753 Erie Avenue, Cincinnati, OH 45208, 513-891-9111

Consulting architect: The Gruzen Partnership, 1700 Broadway, New York, NY 10019, 212-840-3940

Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: June 1982 Finish date: May 1985 Construction time: 36 months</p> | <p>Design capacity: 848 Total cost: \$50,000,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: Complex: county jail, courts Building configuration: High rise</p> |
| <p>Costs</p> <p>Total: \$50,000,000 Building only: \$49,750,000 Housing area: \$33,000,000 Housing per inmate: \$42,526 Housing per cell: \$42,526 Total per inmate: N/A (complex) Total per GSF: \$112.36 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 420,000 Gross square feet/other: 25,600 Gross square feet/total: 445,000 Housing area square feet: 294,000 Gross square feet per inmate: 495 Size of cells: 80 square feet (single) Net/gross square feet: 80%</p> <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 56 Inmates per unit: 56 Management type: Remote surveillance October 1985 population: 748 Facility commitment: Local jail inmates Means to handle crowding: Beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 14% Medium: 86% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 776 Double occupancy: 0 Dorms: 0 Special housing: 72 General population: 776 Total: 848</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 9 Security: 268 Programs/treatment: 44 Maintenance: 5 Total: 326 Current inmate/staff ratio: 2.29:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; central air handling units Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; simple construction methods, repetitiveness of design Negative: Complex electronic, mechanical, and electrical systems; slow construction, lengthy building time</p> <p>Factors affecting time schedule: Positive: Coordination of design between parties; simple construction methods, repetitiveness of design Negative: Complex electronic, mechanical, and electrical systems</p> |



FOURTH FLOOR PLAN
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Logan County Jail and Office Complex

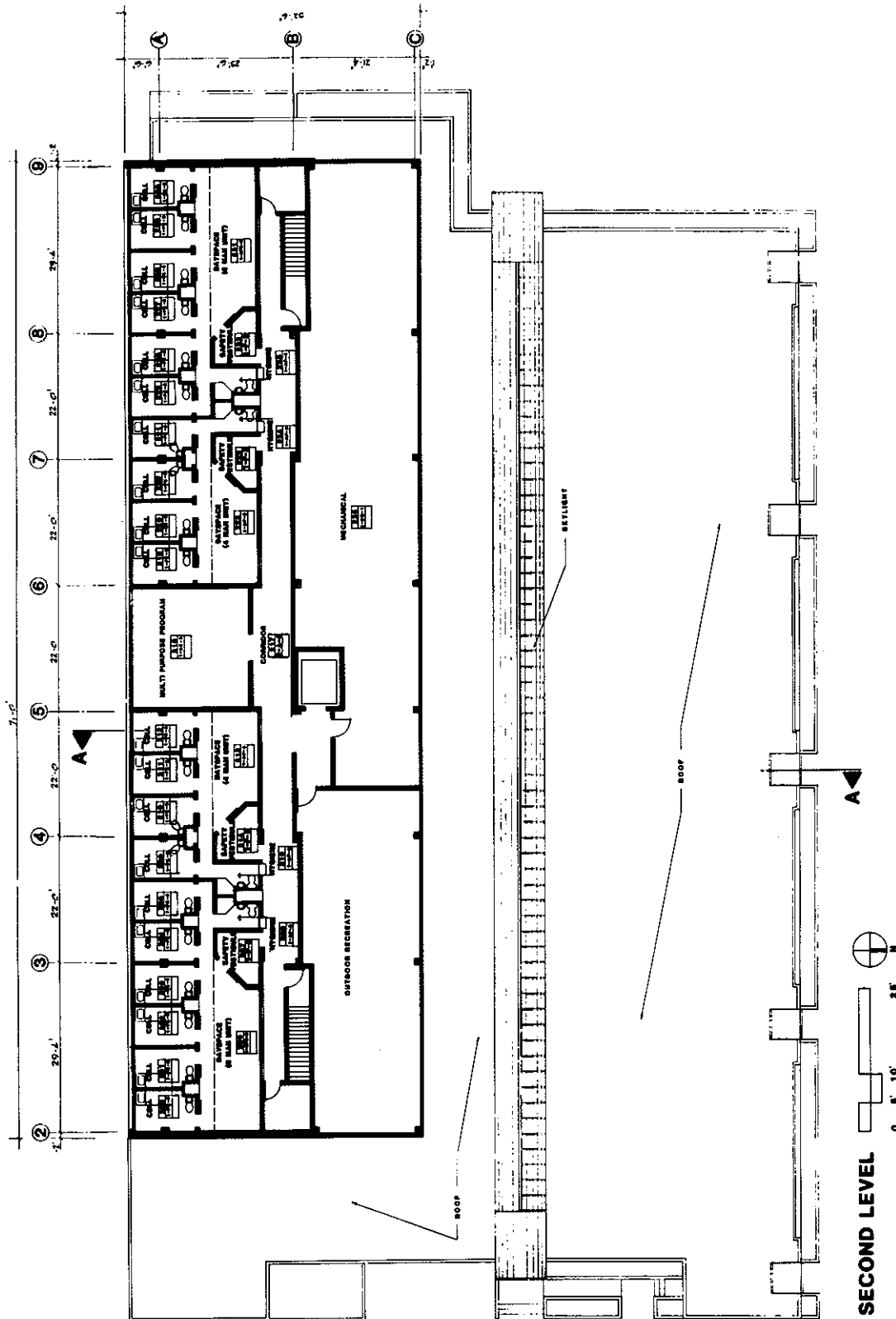
Jurisdiction official: Michael E. Henry, Sheriff

Contact: Lt. R. A. Bair, Jail Administrator, Logan County Jail and Office Complex, 104 South Madriver Street, Bellefontaine, OH 43311, 513-592-5731

Architect: Patrick + Associates, 65 East State Street, Suite 500, Columbus, OH 43215-4213, 614-228-3233

Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: February 1982 Finish date: April 1983 Construction time: 14 months</p> | <p>Design capacity: 27 Total cost: \$2,835,248 Total annual operating costs: \$570,000</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement, courts, county offices Building configuration: Integrated structure; courtyard</p> |
| <p>Costs</p> <p>Total: \$2,835,248 Building only: \$2,800,000 Housing area: \$545,625 Housing per inmate: \$22,734 Housing per cell: \$22,734 Total per inmate: N/A (complex) Total per GSF: \$76 Total annual operating costs: \$570,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 13,288 Gross square feet/other: 24,229 Gross square feet/total: 37,517 Housing area square feet: 13,288 Gross square feet per inmate: 492 Size of cells: 70 square feet (gen. single); 120 (spec. single) Net/gross square feet: 69%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 8 Inmates per unit: 8 Management type: Intermittent surveillance; remote surveillance October 1987 population: 21 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Portable cots</p> |
| <p>Security</p> <p>Perimeter: Patrols; video camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Precast panels; cast-in-place concrete; CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick; reinforced concrete block backup</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking; manual locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Heating/air circulation; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 24 Double occupancy: 0 Dorms: 0 Special housing: 3 General population: 24 Total: 27</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 16 Programs/treatment: 2 Maintenance: 4 Total: 24 Current inmate/staff ratio: .88:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; prefabricated components, factory assembly; favorable market Negative: High labor cost; difficult site conditions; facility not primarily designed for corrections operation</p> <p>Factors affecting time schedule: Positive: Advanced order of materials and hardware; coordination of design between parties; use of prefab. components; simple construction methods Negative: Weather problems</p> |



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SECOND LEVEL

Madison Correctional Institution

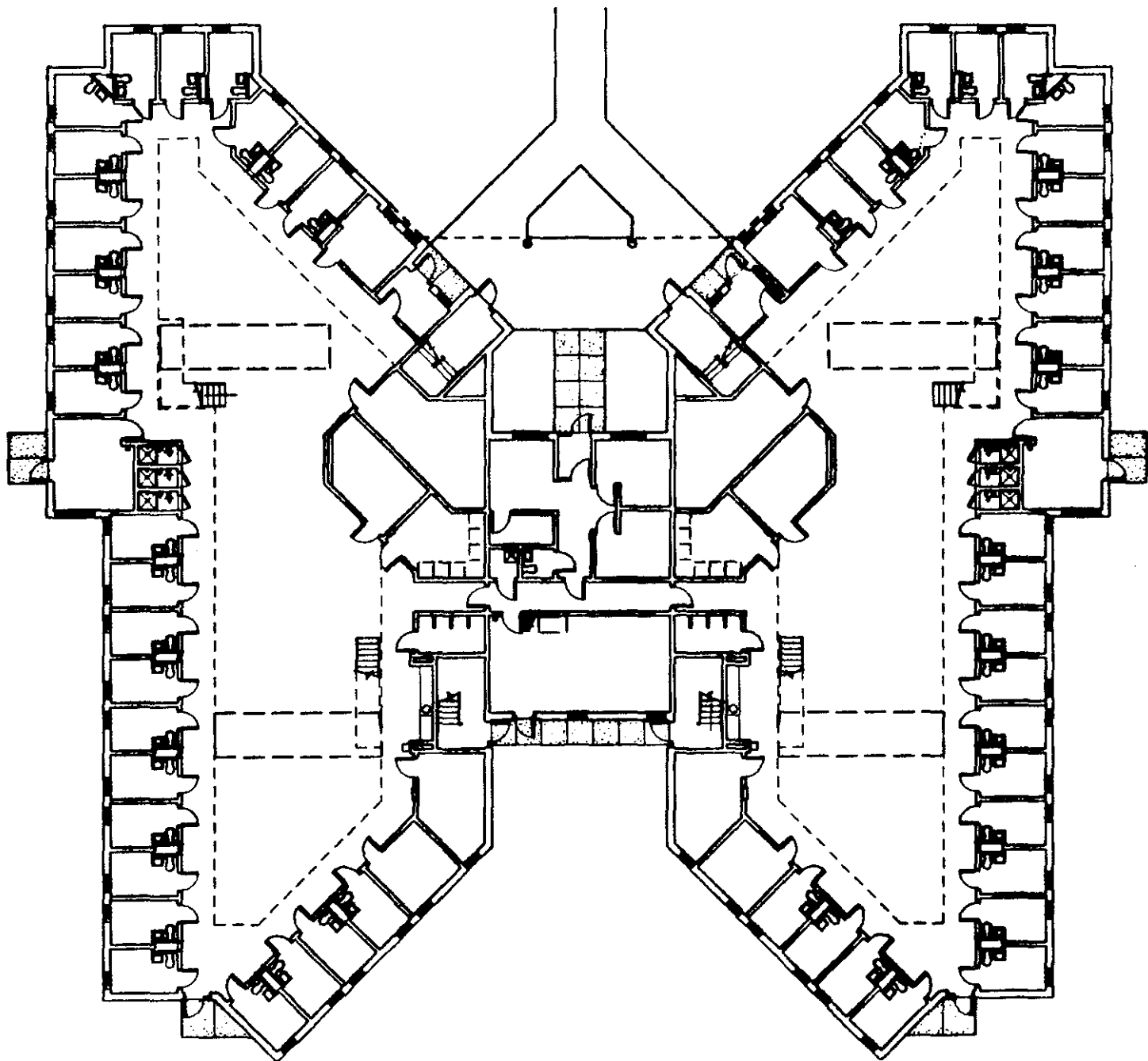
Jurisdiction official: Richard P. Seiter, Director, Department of Rehabilitation and Correction

Contact: Superintendent George D. Alexander, Madison Correctional Institution, 1581 State Route 56, P.O. Box 740, London, OH 43140-0740, 614-852-9650

Architect: Patrick + Associates, Inc., 199 South Fifth Street, Columbus, OH 43215, 614-228-3233

Construction manager: Turner/Smoot, 65 East State Street, Columbus, OH 43215, 614-225-2900

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|---|--|---|
| <p>Groundbreaking: May 1985 Finish date: November 1987 Construction time: 30 months</p> | <p>Design capacity: 1,034 Total cost: \$42,000,000 Total annual operating costs: \$9,970,333</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$42,000,000 Building only: \$38,000,000 Housing area: \$26,048,905 Housing per inmate: \$26,049 Housing per cell: \$50,094 Total per inmate: \$40,619 Total per GSF: \$93.33 Total annual operating costs: \$9,970,333</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 450,000 Gross square feet/other: 0 Gross square feet/total: 450,000 Housing area square feet: 292,685 Gross square feet per inmate: 435 Size of cells: 70 square feet (single); 2,400 (dorms) Net/gross square feet: 76%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: Unknown Inmates per unit: Unknown Management type: Remote surveillance; direct supervision December 1987 population: 810 Facility commitment: State prisoners Means to handle crowding: Double bunk cells and dorms</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; video camera surveillance; mobile guard Inmate security level: Maximum: 0 Medium: 52% Minimum: 48%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Cast-in-place concrete; CMU block; brick Interior walls: Cast-in-place concrete; CMU block; brick Exterior surface/facade: Brick; stucco</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete; vinyl tile; quarry tile Intercom: None HVAC: Heating/air circulation; gas heat Plumbing: Stainless steel; china Furniture: Steel Fire protection: Smoke detectors and sprinklers for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 504 Double occupancy: 0 Dorms: 496 Special housing: 34 General population: 1,000 Total: 1,034</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 99 Security: 165 Programs/treatment: 41 Maintenance: 33 Total: 338 Current inmate/staff ratio: 2.4:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple const. methods; favorable market; bulk purchase of materials and hardware; prefab. components Negative: Slow const.; high labor costs; government red tape; phased const.</p> <p>Factors affecting time schedule: Positive: Prefab. components; repetitiveness of design; fast track CM; advanced order of materials; coordination of design between parties Negative: Slow delivery from suppliers; labor problems; weather problems; government regulations</p> |



Ohio Reformatory for Women (Addition)

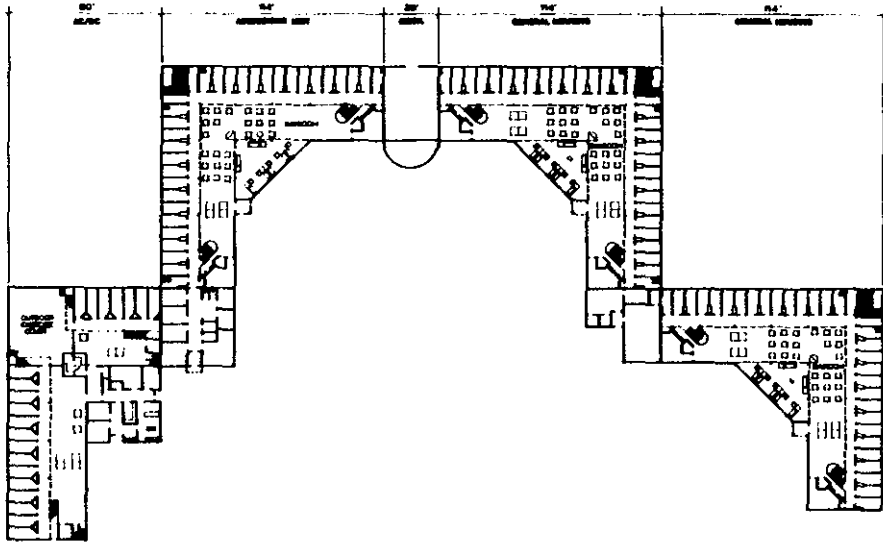
Jurisdiction official: Richard P. Seiter, Director, Department of Rehabilitation and Correction

Contact: Superintendent Dorothy M. Arn, Ohio Reformatory for Women, 1479 Collins Avenue, Marysville, OH 43040, 513-642-1065

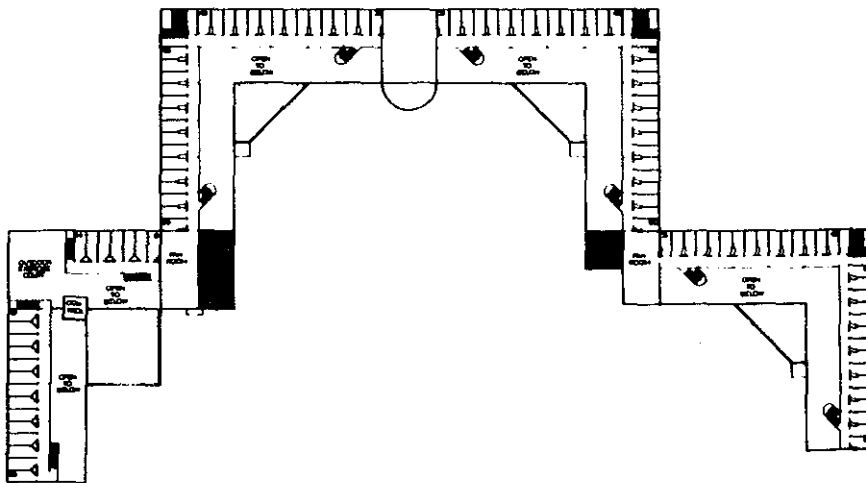
Architect: Moody/Nolan Ltd., 1780 East Broad Street, Columbus, OH 43203, 614-253-2623

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: November 1984 Finish date: November 1986 Construction time: 24 months</p> | <p>Design capacity: 402 Total cost: \$5,650,000 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison (women's facility) Building configuration: Integrated structure; courtyard</p> |
| <p>Costs</p> <p>Total: \$5,650,000 Building only: \$5,450,000 Housing area: \$5,105,000 Housing per inmate: \$14,181 Housing per cell: \$28,361 Total per inmate: \$14,055 Total per GSF: \$97.14 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 58,165 Gross square feet/other: 0 Gross square feet/total: 58,165 Housing area square feet: 54,485 Gross square feet per inmate: 145 Size of cells: 82 square feet (spec. single); 76 (gen. double) Net/gross square feet: 88%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 60 Inmates per unit: 120 Management type: Direct supervision May 1987 population: 329 Facility commitment: State prisoners; local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; patrols Inmate security level: Maximum: 20% Medium 80% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Precast concrete frame Exterior walls: Brick; stone Interior walls: CMU block Exterior surface/facade: Brick; stone</p> | <p>Construction process</p> <p>Finance method: State funds; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; precast concrete columns and beams</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; wooden; steel Doors/type: Swinging Doors/locking: Unknown Floor surface: Sealed concrete Intercom: None HVAC: Heating/air circulation Plumbing: Stainless steel; china Furniture: Steel Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 360 Dorms: 0 Special housing: 42 General population: 360 Total: 402</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 29 Programs/treatment: 3 Maintenance: N/A Total: 36 (addition only) Current inmate/staff ratio: 9.14:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: High labor costs</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design Negative: Weather problems</p> |



 **FIRST FLOOR PLAN**



 **SECOND FLOOR PLAN**

Ottawa County Detention Facility

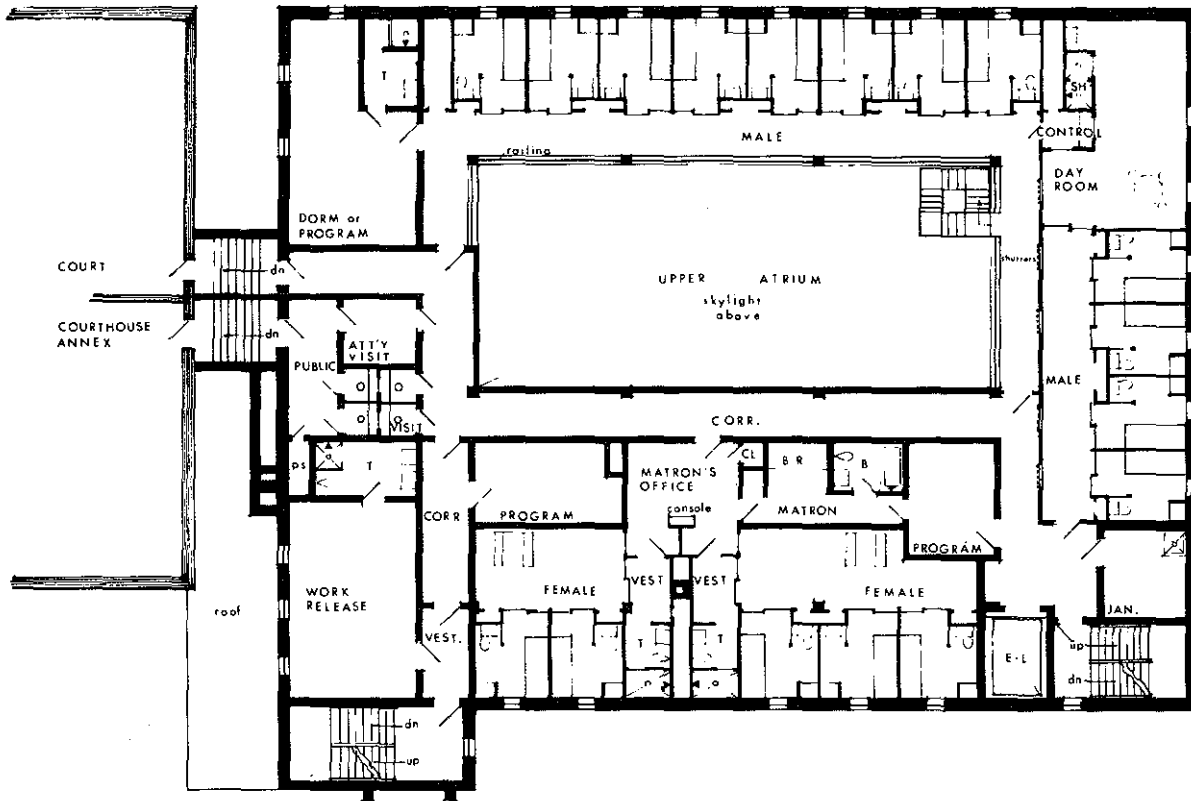
Jurisdiction official: John Crosser, Sheriff

Contact: Martin Gosses, Jail Administrator, Ottawa County Detention Facility, Port Clinton, OH 43452, 419-734-4404

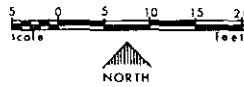
Architect: Geary, Moore and Ahrens, Inc., 672 East Royalton Road, Cleveland, OH 44147, 216-526-0672

Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: August 1979 Finish date: April 1981 Construction time: 20 months</p> | <p>Design capacity: 41 Total cost: \$2,671,461 Total annual operating costs: \$500,000 (excl. utilities)</p> | <p>Category: New, independent facility; phased project (future) Facility type: Complex: county jail, law enforcement, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,671,461 Building only: \$2,671,461 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$85.13 Total annual operating costs: \$500,000 (excl. utilities)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 22,080 Gross square feet/other: 9,300 Gross square feet/total: 31,380 Housing area square feet: 9,444 Gross square feet per inmate: 539 Size of cells: 80 square feet (single) Net/gross square feet: 78%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 16 Inmates per unit: 16 Management type: Remote surveillance October 1985 population: 41 Facility commitment: Local jail inmates Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 10% Medium: 80% Minimum: 10%</p> | <p>Structural: Cast-in-place concrete frame Exterior walls: Sandstone Interior walls: Cast-in-place concrete; CMU block; hollow metal partitions Exterior surface/facade: Sandstone</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Aluminum and glass Doors/type: Sliding Doors/locking: Remote locking only Floor surface: Concrete with integral color hardener Intercom: Two-way to cells and common areas HVAC: Air conditioning; gas boiler Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for common areas; sprinklers for cells and common areas; manual alarm stations</p> | <p>Single occupancy: 28 Double occupancy: 0 Dorms: 8 Special housing: 5 General population: 36 Total: 41</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 14 Programs/treatment: 0 Maintenance: 3 Total: 18 Current inmate/staff ratio: 2.28:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Complex electronic, mechanical, and electrical systems; expensive materials to match existing courthouse</p> <p>Factors affecting time schedule: Positive: Good architectural trades contractor Negative: Complex electronic, mechanical, and electrical systems; use of five prime contractors</p> |



SECOND FLOOR



Ross Correctional Institution*

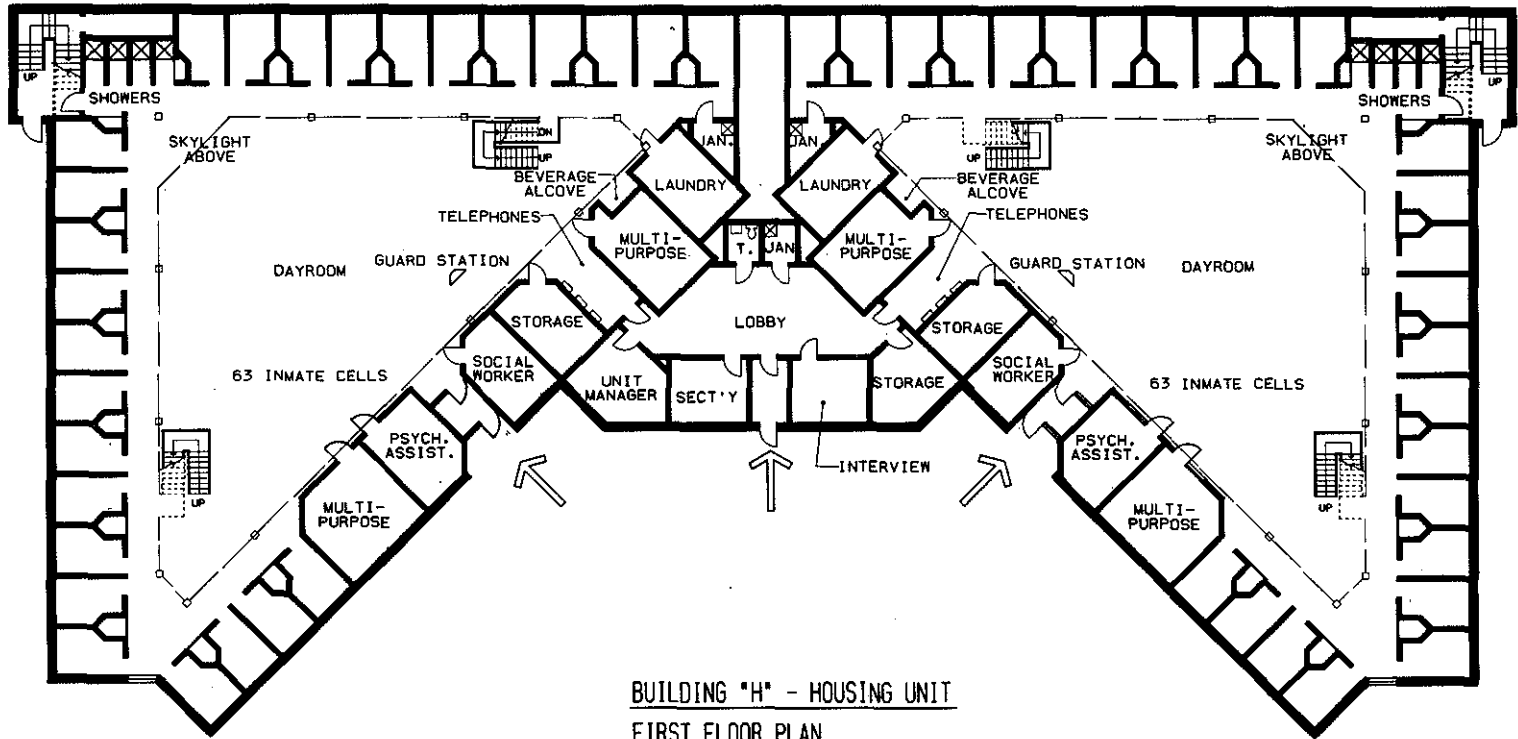
Jurisdiction official: Richard P. Seiter, Director, Department of Rehabilitation and Correction

Contact: Superintendent Gary Mohr, Ross Correctional Institution, 16149 State Route 104, Chillicothe, OH 45601, 614-774-4182

Architect: Voinovich Sgro Architects, 2450 Prospect Avenue, Cleveland, OH 44115, 216-621-9200

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: September 1985 Finish date: May 1987 Construction time: 21 months</p> | <p>Design capacity: 1,274 Total cost: \$53,012,000 Total annual operating costs: \$23,178,800</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$53,012,000 Building only: \$45,000,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$41,611 Total per GSF: \$96.90 Total annual operating costs: \$23,178,800</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 547,096 Gross square feet/other: 0 Gross square feet/total: 547,096 Housing area square feet: 276,600 Gross square feet per inmate: 429 Size of cells: 70 square feet (single) Net/gross square feet: 70%</p> | <p>Inmate housing areas</p> <p>Design: Housing unit in two triangular shapes—outside cells Cells per unit: 128 Inmates per unit: 128 Management type: Direct supervision; unit management October 1987 population: 1,235 Facility commitment: State prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection system; razor wire on fences; patrols; camera surveillance Inmate security level: Maximum: 2.5% Medium: 77.5% Minimum: 20%</p> | <p>Construction type</p> <p>Structural: Load-bearing precast panels; precast concrete frame Exterior walls: Precast panels Interior walls: Precast panels; CMU block Exterior surface/facade: Natural wall</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; precast components</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking; manual locking Floor surface: Sealed concrete; carpet; vinyl tile Intercom: Two-way to cells; one-way to common areas HVAC: Heating/air circulation; hot water heater Plumbing: China; stainless; stainless combination unit Furniture: Vinyl/plastic Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 1,024 Double occupancy: 0 Dorms: 250 Special housing: 0 General population: 1,274 Total: 1,274</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 82 Security: 143 Programs/treatment: 63 Maintenance: 35 Total: 323 Current inmate/staff ratio: 3.82:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Precast modular construction Negative: None</p> <p>Factors affecting time schedule: Positive: Precast modular construction Negative: Government procedures, regulations, and red tape—paperwork with State officials</p> <p>* A detailed case study of this institution has been published by NJJ, entitled <i>Building on Experience</i>, NCJ 103869.</p> |



BUILDING "H" - HOUSING UNIT
FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

Wayne County Justice Center

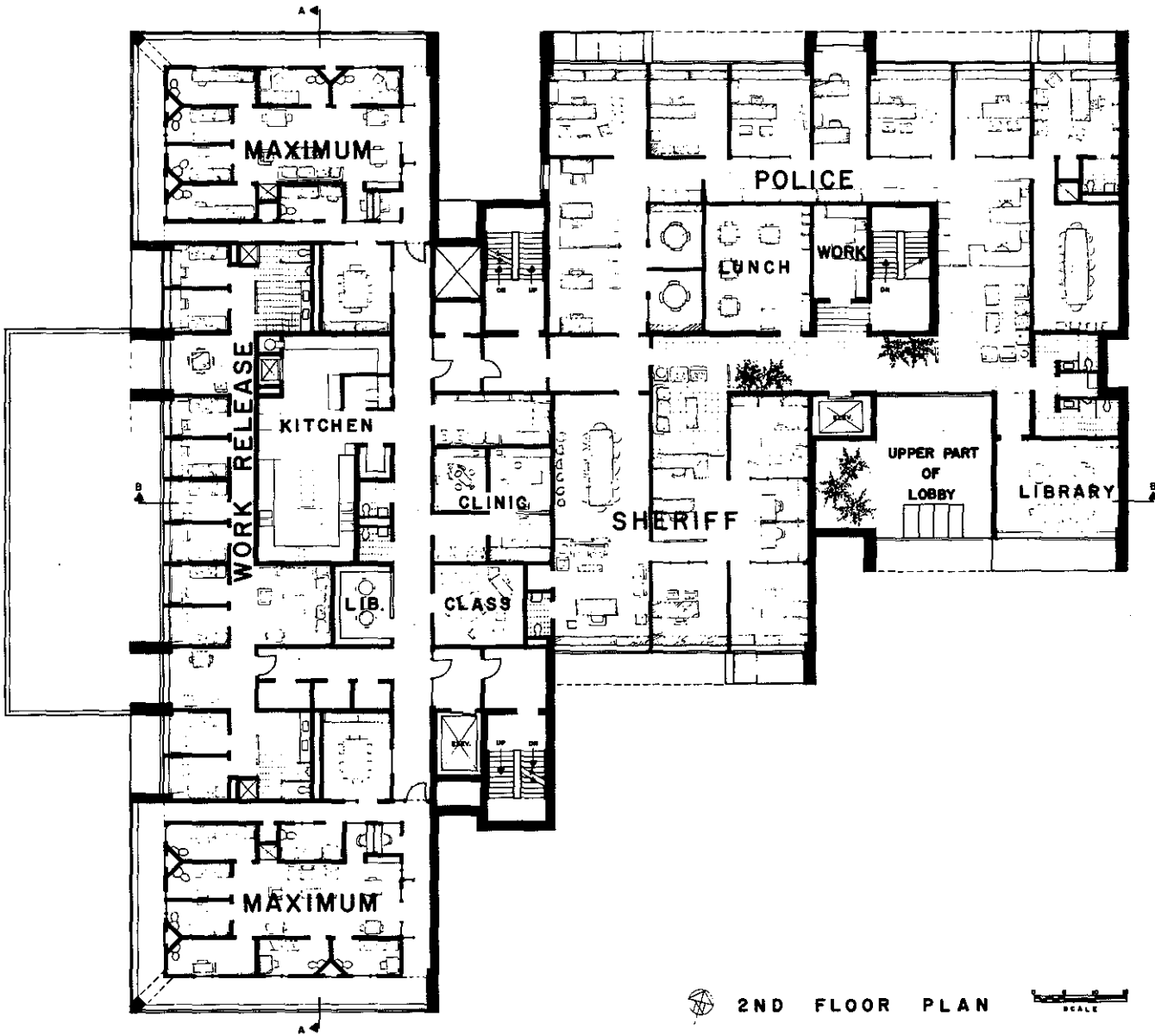
Jurisdiction official: Loran D. Alexander, Sheriff

Contact: Captain Gene Rhodes, Wayne County Justice Center, Wooster, OH 44691, 216-264-2288

Architect: Robert P. Madison International, 2930 Euclid Avenue, Cleveland, OH 44115, 216-861-8195

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: November 1977 Finish date: November 1978 Construction time: 12 months</p> | <p>Design capacity: 78 Total cost: \$3,000,000 Total annual operating costs: \$924,565</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,000,000 Building only: \$2,950,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$56.60 Total annual operating costs: \$924,565</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 40,000 Gross square feet/other: 13,000 Gross square feet/total: 53,000 Housing area square feet: 11,928 Gross square feet per inmate: 513 Size of cells: 70 square feet (single) Net/gross square feet: 85%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 7 to 12 Inmates per unit: 7 to 12 Management type: Intermittent surveillance; remote surveillance October 1985 population: 97 Facility commitment: Local jail inmates Means to handle crowding: Extra cot in cell</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 16% Medium: 41% Minimum: 22% (+ 21% work release and holding)</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Revenue sharing; other Federal funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Epoxy coating Intercom: One-way to cells; two-way to common areas HVAC: Air conditioning; fired boilers Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 72 Double occupancy: 0 Dorms: 0 Other: 6 Special housing: 0 General population: 78 Total: 78</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 22 Programs/treatment: 5 Maintenance: 1 Total: 30 Current inmate/staff ratio: 2.60:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; repetitiveness of design Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers</p> |



2ND FLOOR PLAN

Cleveland County Detention Center

Jurisdiction official: John J. Walsh, Jr., Sheriff

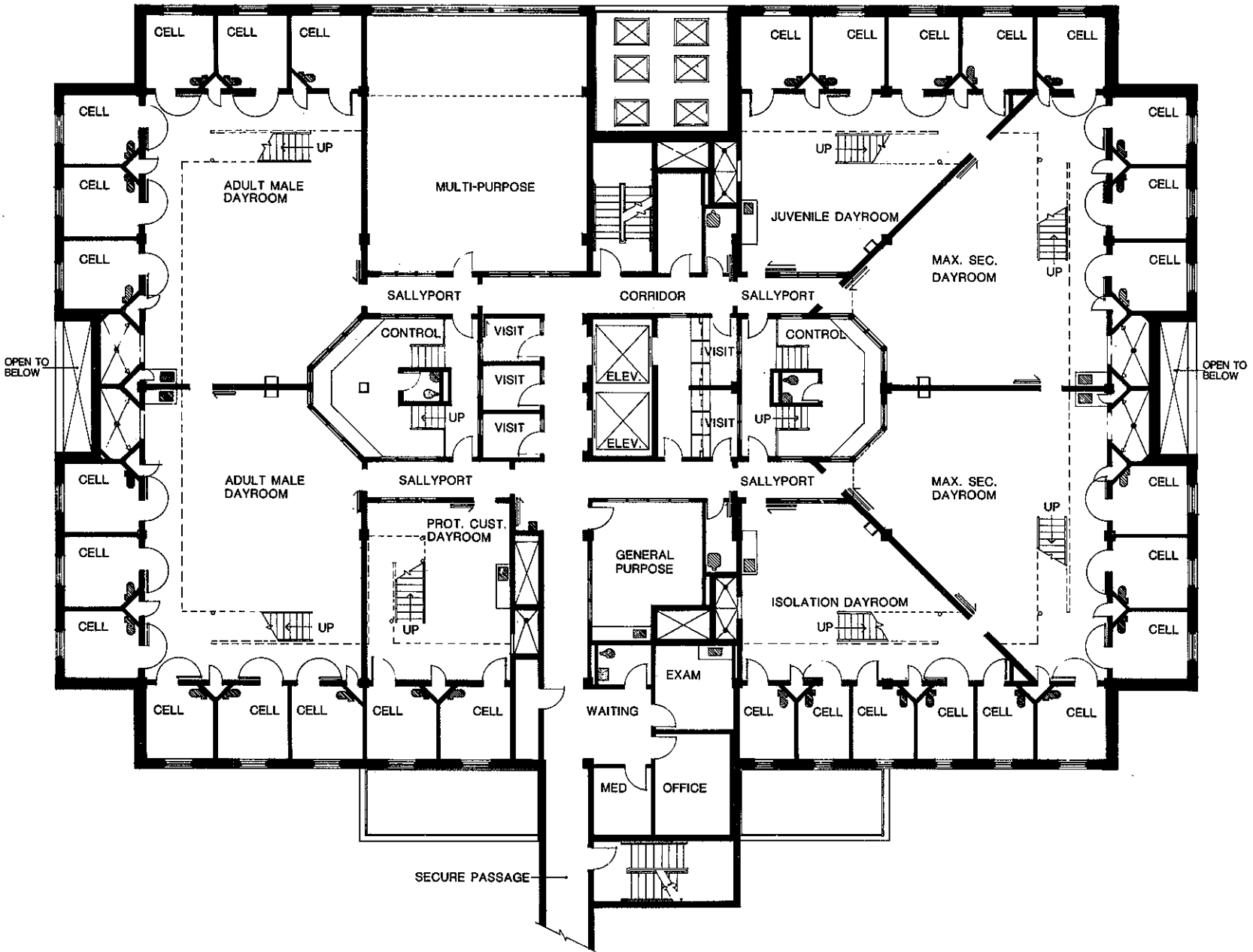
Contact: Kenneth K. Zane, Jail Administrator, Cleveland County Detention Center, 203 South Jones, Norman, OK 73069, 405-321-8600

Architect: Rees Associates, Inc., 4200 Perimeter Center Drive, Suite 245, Oklahoma City, OK 73112, 405-946-9800

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: March 1983 Finish date: May 1984 Construction time: 14 months</p> | <p>Design capacity: 134 Total cost: \$3,632,000 Total annual operating costs: \$1,409,000</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,632,000 Building only: \$3,512,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$88.10 Total annual operating costs: \$1,409,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 38,642 Gross square feet/other: 2,582 Gross square feet/total: 41,224 Housing area square feet: 24,750 Gross square feet per inmate: 288 Size of cells: 95 square feet (double); 77 (spec. single) Net/gross square feet: 83%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 8 Inmates per unit: 16 Management type: Remote surveillance September 1987 population: 97 Facility commitment: Local jail inmates; U.S. Marshal's transients; FBOP prisoners* Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete Interior walls: CMU block Exterior surface/facade: Colored concrete; split face CMU</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; revenue sharing; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Sealed concrete Intercom: Two-way to cells; one-way to common areas HVAC: Air conditioning; gas heat; operable windows for outside air Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 108 Dorms: 0 Special housing: 26 General population: 108 Total: 134</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 6 Security: 22 Programs/treatment: 0 Maintenance: 2 Total: 30 Current inmate/staff ratio: 3.23:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; advanced order of materials and hardware; coordination of design between parties Negative: Slow delivery of windows and security locks</p> |

*Juveniles are detained for no more than 6 hours.

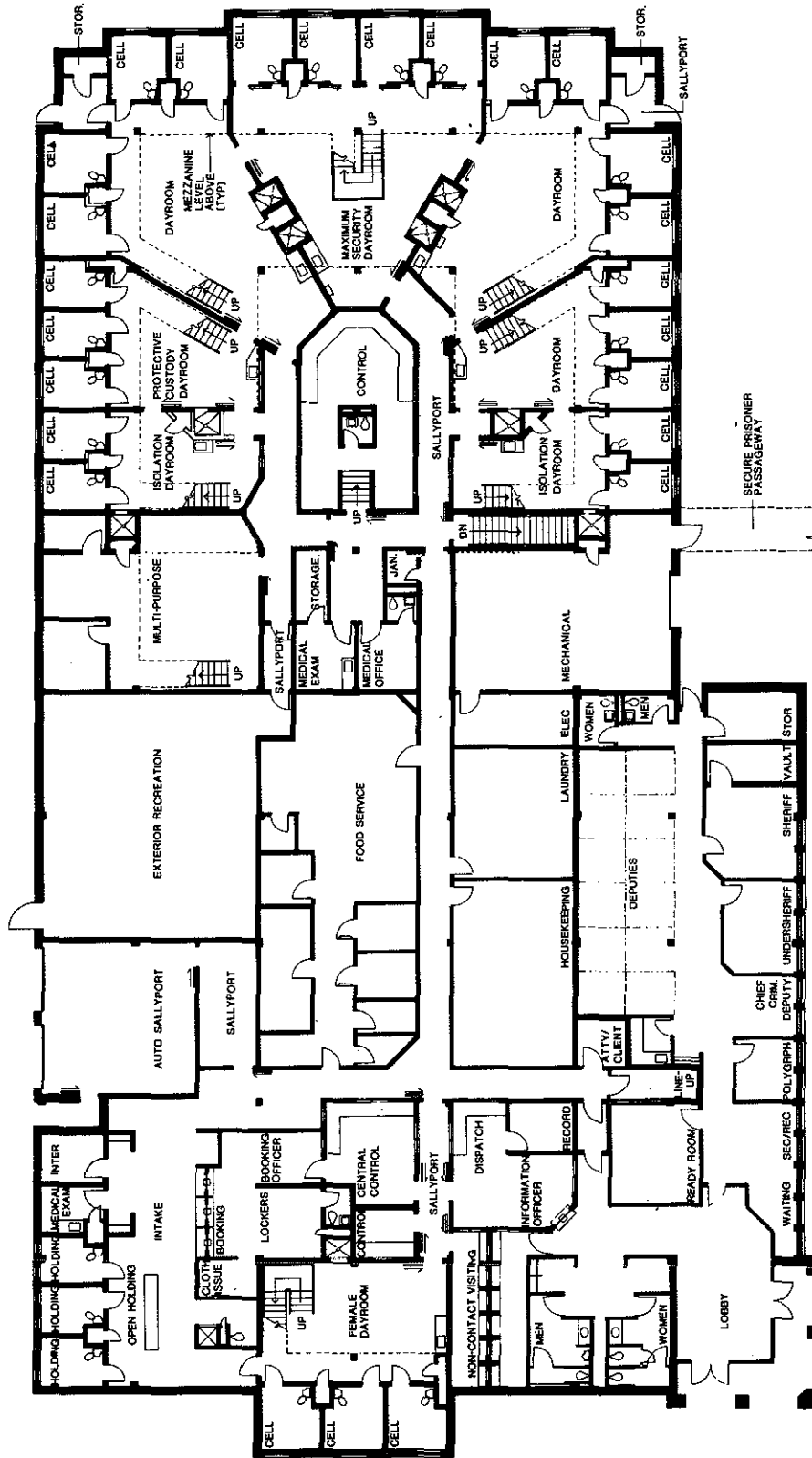


Key County Detention Facility

Jurisdiction official: Richard D. Stickney, Sheriff

Contact: Nathan R. McCoy, Jail Administrator, Key County Detention Facility, 110 South Maple, Newkirk, OK 74647, 405-362-2517
Architect: Rees Associates, Inc., 4200 Perimeter Center Drive, Suite 245, Oklahoma City, OK 73112, 405-946-9800
Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: November 1983 Finish date: July 1985 Construction time: 20 months</p> | <p>Design capacity: 80 Total cost: \$3,133,072 Total annual operating costs: \$550,857</p> | <p>Category: New, independent facility Facility type: Complex: county jail; law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,133,072 Building only: \$2,960,372 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$108.88 Total annual operating costs: \$550,857</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 25,798 Gross square feet/other: 2,977 Gross square feet/total: 28,775 Housing area square feet: 17,139 Gross square feet per inmate: 322 Size of cells: 95 square feet (gen. double); 73 (spec. single); 77 (spec. double) Net/gross square feet: 91%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 4 to 8 Inmates per unit: 4 to 16 Management type: Remote surveillance October 1987 population: 39 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Video camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame; cast-in-place concrete frame Exterior walls: Cast-in-place concrete Interior walls: CMU block Exterior surface/facade: Modified Portland cement coating on concrete</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; precast, prestressed concrete roof planks</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; gas heat; hot water heating (gas-fired boiler) Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 60 Dorms: 0 Special housing: 20 General population: 60 Total: 80</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 14 Programs/treatment: 0 Maintenance: 1 Total: 16 Current inmate/staff ratio: 2.44:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; weather problems; inexperienced contractor</p> |

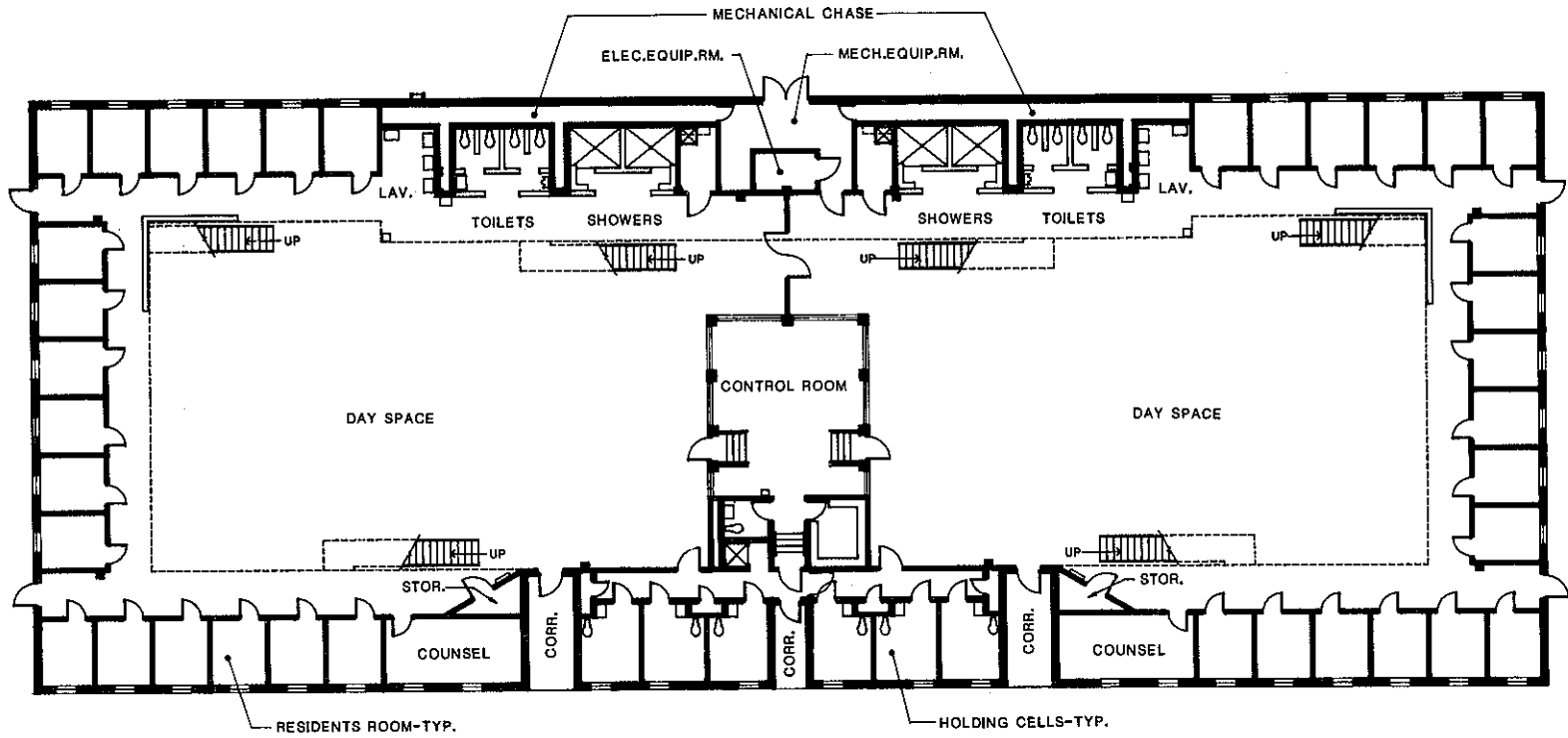


Lexington Assessment & Reception Center (Addition)

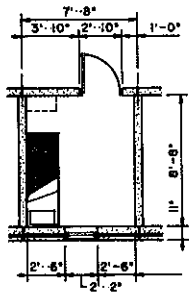
Jurisdiction official: Gary Maynard, Director, Department of Corrections

Contact: Warden Peter Douglas, Lexington Assessment & Reception Center, Box 260, Lexington, OK 73051, 405-527-5676
Architect: The Benham Group, Inc., P.O. Box 20400, 9400 Broadway, Oklahoma City, OK 73156, 405-478-5353
Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: September 1982 Finish date: June 1983 Construction time: 9 months</p> | <p>Design capacity: 90 Total cost: \$1,819,408 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,819,408 Building only: \$1,752,000 Housing area: \$1,489,408 Housing per inmate: \$17,731 Housing per cell: \$17,731 Total per inmate: \$20,216 Total per GSF: \$62.26 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 29,225 Gross square feet/other: 0 Gross square feet/total: 29,225 Housing area square feet: 24,625 Gross square feet per inmate: 325 Size of cells: 63 square feet (single) Net/gross square feet: 98%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 90 Inmates per unit: 90 Management type: Remote surveillance October 1985 population: 144 Facility commitment: State prisoners Means to handle crowding: Stacked bunks</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 0 Medium: 0 Minimum: 94.6% (+ 5.4% holding)</p> | <p>Structural: Load bearing precast panels; double T's Exterior walls: Precast panels Interior walls: Precast panels; CMU block Exterior surface/facade: Raked finish, precast</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive; exterior walls, interior walls, floor and roof slabs</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Linoleum; tile Intercom: One-way to common areas; two-way to counseling rooms HVAC: Heating/air circulation only; gas U.H.U. Plumbing: China Furniture: Steel Fire protection: Smoke detectors in common areas, cells, and mechanical ductwork; fire hose cabinets and fire extinguishers</p> | <p>Single occupancy: 84 Double occupancy: 0 Dorms: 0 Special housing: 6 General population: 84 Total: 90</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 4 Programs/treatment: 2 Maintenance: 1 Total: 7 (addition only) Current inmate/staff ratio: 21:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly; simple construction methods; less expensive materials and hardware Negative: None</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods; coordination of design between parties Negative: None</p> |



FIRST LEVEL FLOOR PLAN



TYPICAL RESIDENTS ROOM

Lexington Assessment & Reception Center, Phase I and II

Jurisdiction official: Gary Maynard, Director, Department of Corrections

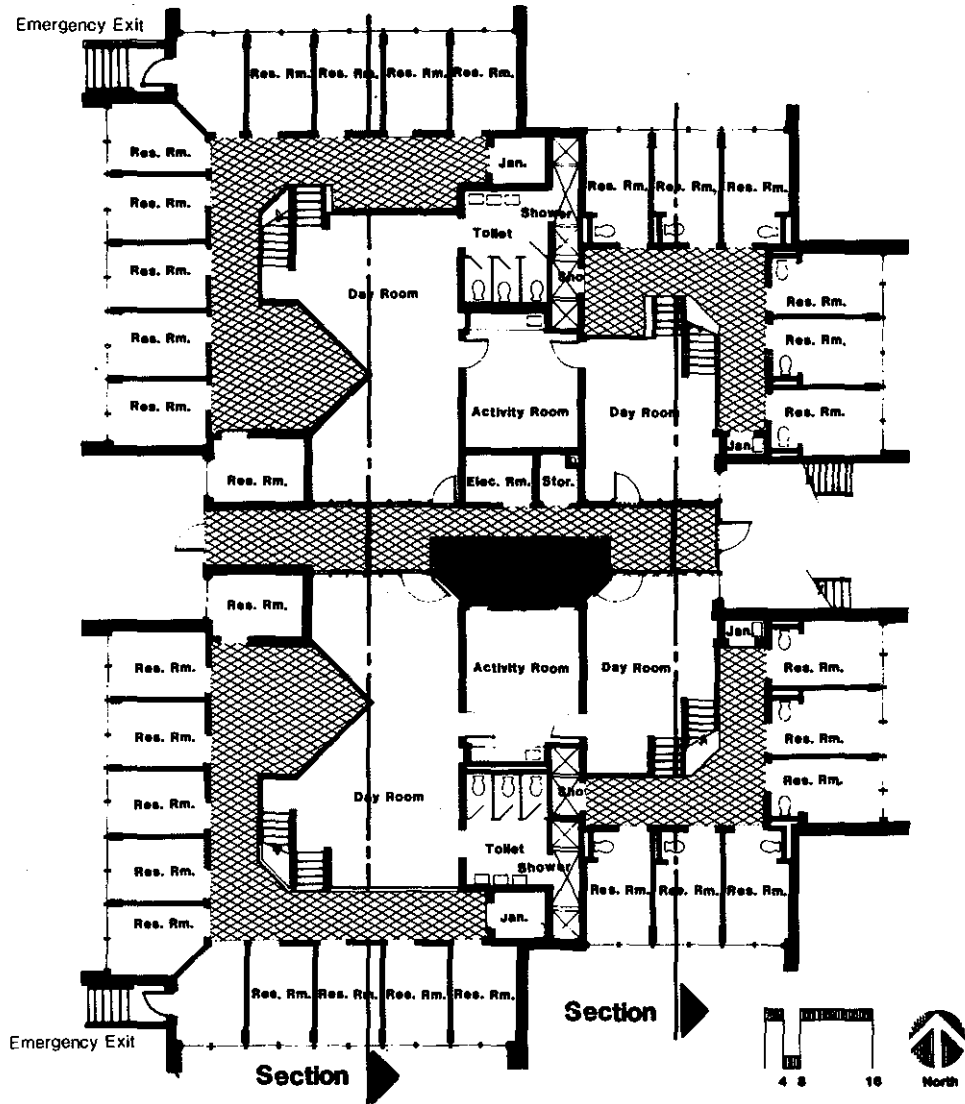
Contact: Warden Peter Douglas, Lexington Assessment & Reception Center, Box 260, Lexington, OK 73051, 405-527-5676

Architects: W. Gene Williams & Associates, Inc., 4422 F.M. 1960 West, Suite 220, Houston, TX 77068, 713-440-4422

WMFL Architects & Engineers, West 244 Main Avenue, Spokane, WA 99210, 509-838-8681

Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: August 1976 Finish date: January 1978 Construction time: 17 months</p> | <p>Design capacity: 428 Total cost: \$14,500,000 Total annual operating costs: \$7,408,984</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$14,500,000 Building only: \$13,731,639 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$33,879 Total per GSF: \$71.15 Total annual operating costs: \$7,408,984</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 203,786 Gross square feet/other: 0 Gross square feet/total: 203,786 Housing area square feet: 110,376 Gross square feet per inmate: 476 Size of cells: 73 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 80 Inmates per unit: 80 Management type: Remote surveillance September 1986 population: 922 Facility commitment: State prisoners Means to handle crowding: Bunk beds in cell; second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences; towers; patrols Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Structural: Load bearing precast panels; cast-in-place concrete frame; precast concrete frame Exterior walls: Precast panels; cast-in-place concrete; architectural precast Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Paint; colored concrete</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: Limited; construction of fence Use of prefabrication: Limited; precast T-beams</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete; vinyl tile; quarry tile Intercom: Two-way to cells HVAC: Air conditioning; steam heat Plumbing: Stainless steel Furniture: Steel Fire protection: Portable fire extinguishers</p> | <p>Inmate design capacity</p> <p>Single occupancy: 400 Double occupancy: 0 Dorms: 0 Special housing: 28 General population: 400 Total: 428</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 45 Security: 131 Programs/treatment: 24 Maintenance: 24 Total: 224 Current inmate/staff ratio: 4.12:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; simple construction methods, repetitiveness of design; phased construction, fast track construction management; good competition, favorable market Negative: None</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; phased construction, fast track CM; coordination of design between parties; good general contractor Negative: None</p> |



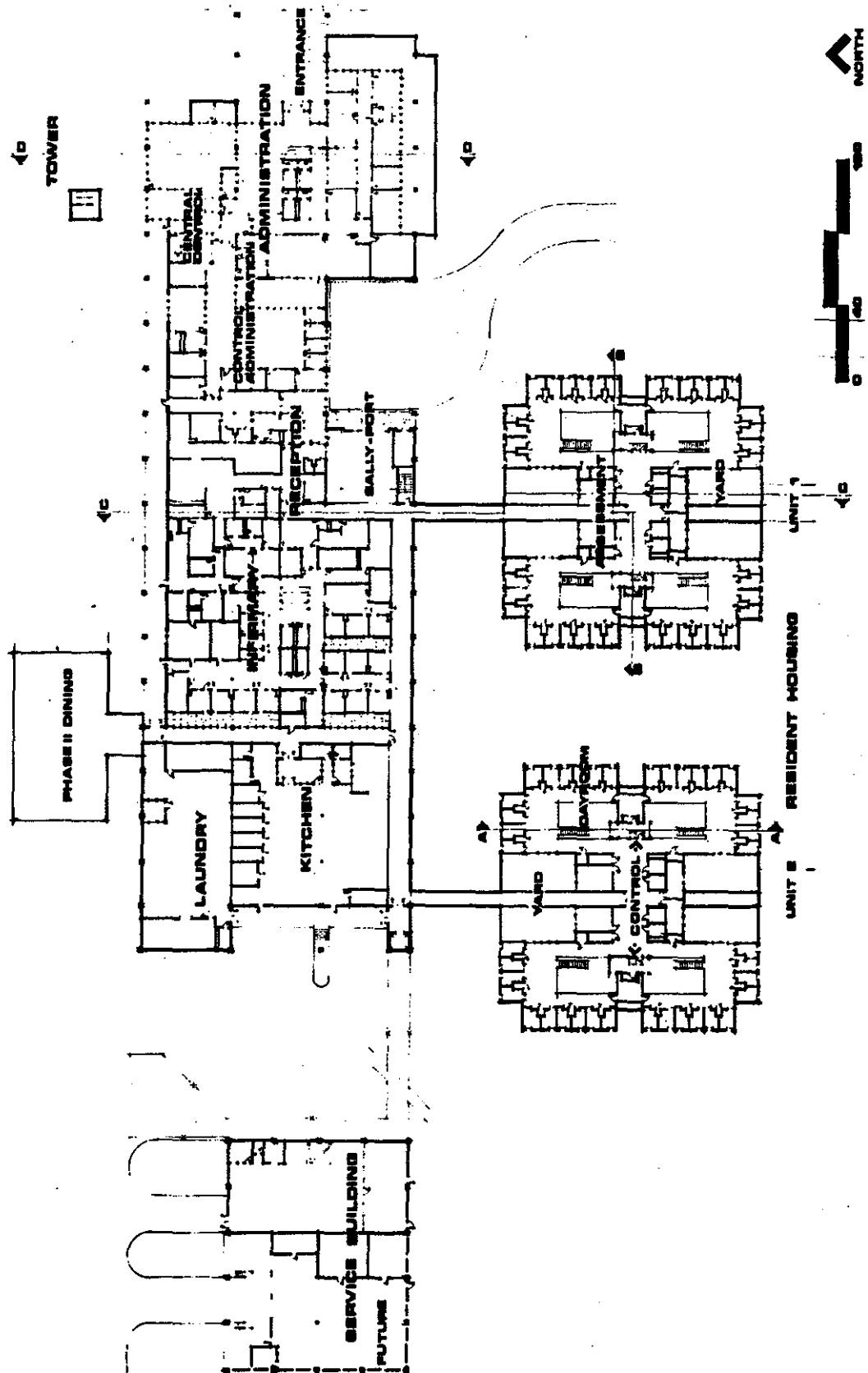
Ground Level Floor Plan

Muskogee County/City Detention Facility

Jurisdiction official: Bill Vinzant, Sheriff

Contact: Sheriff Bill Vinzant, Muskogee County/City Detention Facility, 120 South 3rd, Muskogee, OK 74401, 918-687-1275
Architect: Roger Richter/Architect Inc., 608 Manhattan Building, Muskogee, OK 74401, 918-682-3419
Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: March 1985 Finish date: October 1986 Construction time: 19 months</p> | <p>Design capacity: 136 Total cost: \$4,026,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: County jail; city jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$4,026,000 Building only: \$3,923,000 Housing area: \$2,456,440 Housing per inmate: \$19,652 Housing per cell: \$23,620 Total per inmate: \$29,603 Total per GSF: \$91.04 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 44,223 Gross square feet/other: 0 Gross square feet/total: 44,223 Housing area square feet: 28,247 Gross square feet per inmate: 325 Size of cells: 70 square feet (single); 90 (double) Net/gross square feet: 90%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 49 Inmates per unit: 59 Management type: Remote surveillance Current population: Unknown Facility commitment: Local jail inmates; State prisoners; Federal prisoners on contract Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence; video camera surveillance Inmate security level: Maximum: 18% Medium: 82% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete; CMU block; brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick; colored concrete</p> | <p>Construction process</p> <p>Finance method: Special election; 1/2 county sales tax for 20 months Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating; vinyl tile Intercom: Two-way to cells and common areas HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 83 Double occupancy: 42 Dorms: 0 Special housing: 11 General population: 125 Total: 136</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Difficult site conditions; government procedures, regulations, and red tape; complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Repetitiveness of design; advanced order of materials and hardware; coordination of design between parties Negative: Government red tape; complex electronic and mechanical systems</p> |



Mabel Bassett Correctional Center (Addition)

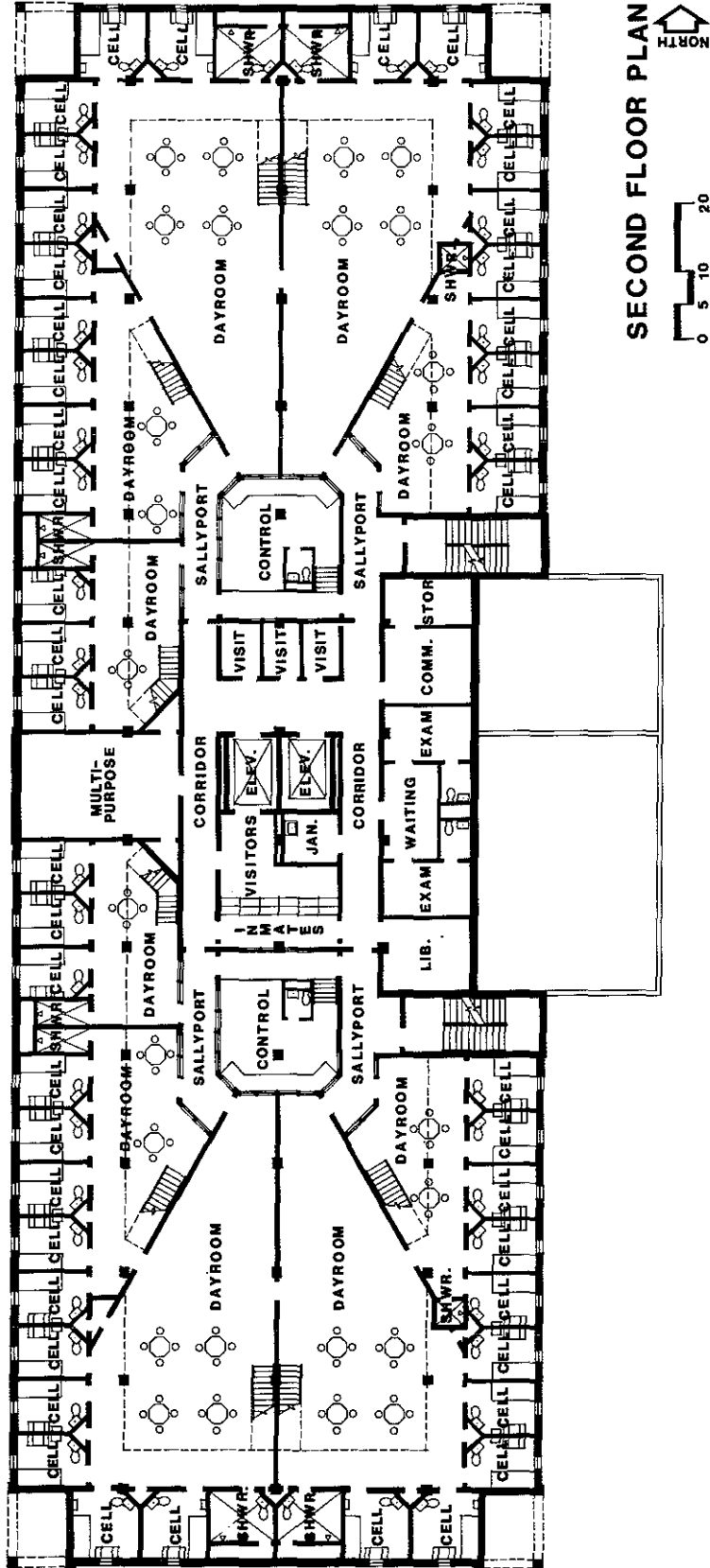
Jurisdiction official: Gary Maynard, Director, Department of Corrections

Contact: Warden Larry Fields, Mabel Bassett Correctional Center, 3300 Martin Luther King Avenue, Oklahoma City, OK 73136, 405-521-3949

Architect: Rees Associates, Inc., #245, 4200 Perimeter Center Drive, Oklahoma City, OK 73112, 405-946-9800

Construction manager: None

| | | |
|---|---|--|
| <p>Groundbreaking: October 1979 Finish date: April 1981 Construction time: 18 months</p> | <p>Design capacity: 53 Total cost: \$912,809 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$912,809 Building only: \$899,500 Housing area: \$860,000 Housing per inmate: \$28,667 Housing per cell: \$28,667 Total per inmate: \$17,223 Total per GSF: \$74.88 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 12,191 Gross square feet/other: 0 Gross square feet/total: 12,191 Housing area square feet: 11,766 Gross square feet per inmate: 230 Size of cells: 70 square feet (single) Net/gross square feet: N/A</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 53 Inmates per unit: 53 Management type: Remote surveillance October 1985 population: 106 Facility commitment: State prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection system; razor wire on fence Inmate security level: Maximum: 20% Medium: 80% Minimum: 0</p> | <p>Structural: Steel frame; load bearing CMU walls; cast-in-place concrete frame Exterior walls: Cast-in-place concrete; CMU split-face block; block masonry Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Split-face block</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Linoleum, sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; rooftop heating plant with boilers and condensing units Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 30 Double occupancy: 0 Dorms: 0 Special housing: 23 General population: 30 Total: 53</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 6 Programs/treatment: N/A Maintenance: N/A Total: 6 (addition only) Current inmate/staff ratio: 17.7:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated masonry units; simple building technique; repetition and simplicity of design; local availability of materials Negative: None</p> <p>Factors affecting time schedule: Positive: Use of prefabricated masonry units; simple construction technique Negative: Weather problems; delivery problems with vendor/supplier</p> |



SECOND FLOOR PLAN

Oklahoma State Penitentiary (Addition/Remodel)

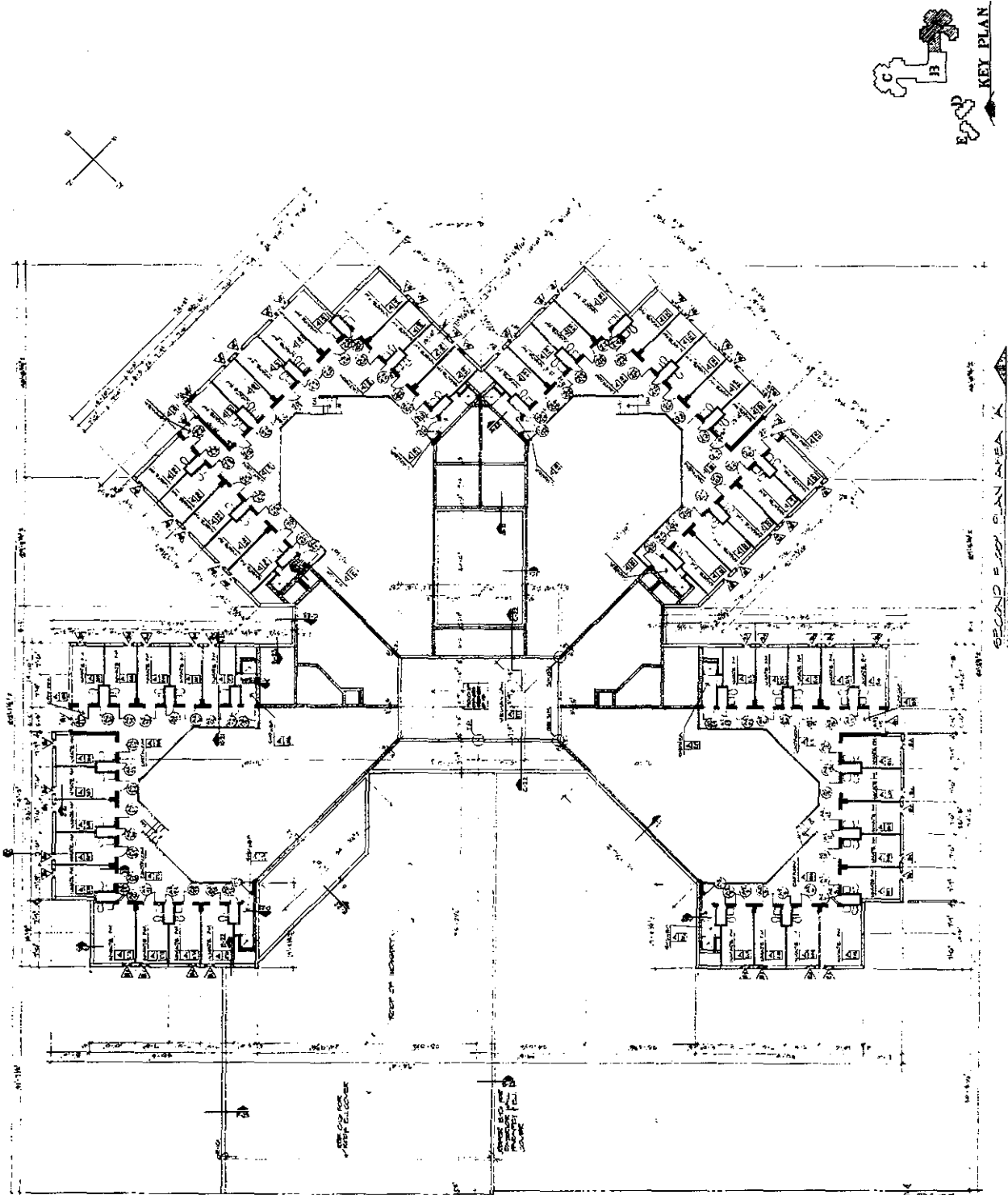
Jurisdiction official: Gary Maynard, Director, Department of Corrections

Contact: Warden James Saffle, Oklahoma State Penitentiary, P.O. Box 97, McAlester, OK 74501, 918-423-4700

Architect: Bruton, Knowles & Love, Inc., P.O. Box 582528, Tulsa, OK 74158, 918-835-9588

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: November 1978 Finish date: November 1984 Construction time: 72 months</p> | <p>Design capacity: 500 Total cost: \$17,204,022 Total annual operating costs: \$10,367,500 (entire facility)</p> | <p>Category: New, ancillary building; remodeling/renovation; expansion Facility type: State prison Building configuration: Wheel, spoke, or radial</p> |
| <p>Costs</p> <p>Total: \$17,204,022 Building only: \$15,804,022 Housing area: \$14,500,000 Housing per inmate: \$29,000 Housing per cell: \$29,000 Total per inmate: N/A (addition/remodel) Total per GSF: \$90.17 Total annual operating costs: \$10,367,500 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 190,800 Gross square feet/other: 0 Gross square feet/total: 190,800 Housing area square feet: 172,000 Gross square feet per inmate: 382 Size of cells: 98 square feet (single) Net/gross square feet: 77%</p> <p>Construction type</p> <p>Structural: Load bearing precast panels; cast-in-place concrete frame Exterior walls: Precast panels Interior walls: Precast panels; cast-in-place concrete Exterior surface/facade: Colored concrete</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 80 to 112 Inmates per unit: 80 to 112 Management type: Remote surveillance October 1985 population: 650 Facility commitment: State prisoners Means to handle crowding: Bunk beds in cell; second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on and between fences; towers; patrols Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 500 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 500 Total: 500</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 7 Security: 278 Programs/treatment: 21 Maintenance: 16 Total: 364 (entire facility) Current inmate/staff ratio: 1.79:1</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive; entire structure was precast concrete with minor CIP</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning; hot water boilers Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for cells</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly Negative: Slow responses and delivery from vendors, suppliers</p> |

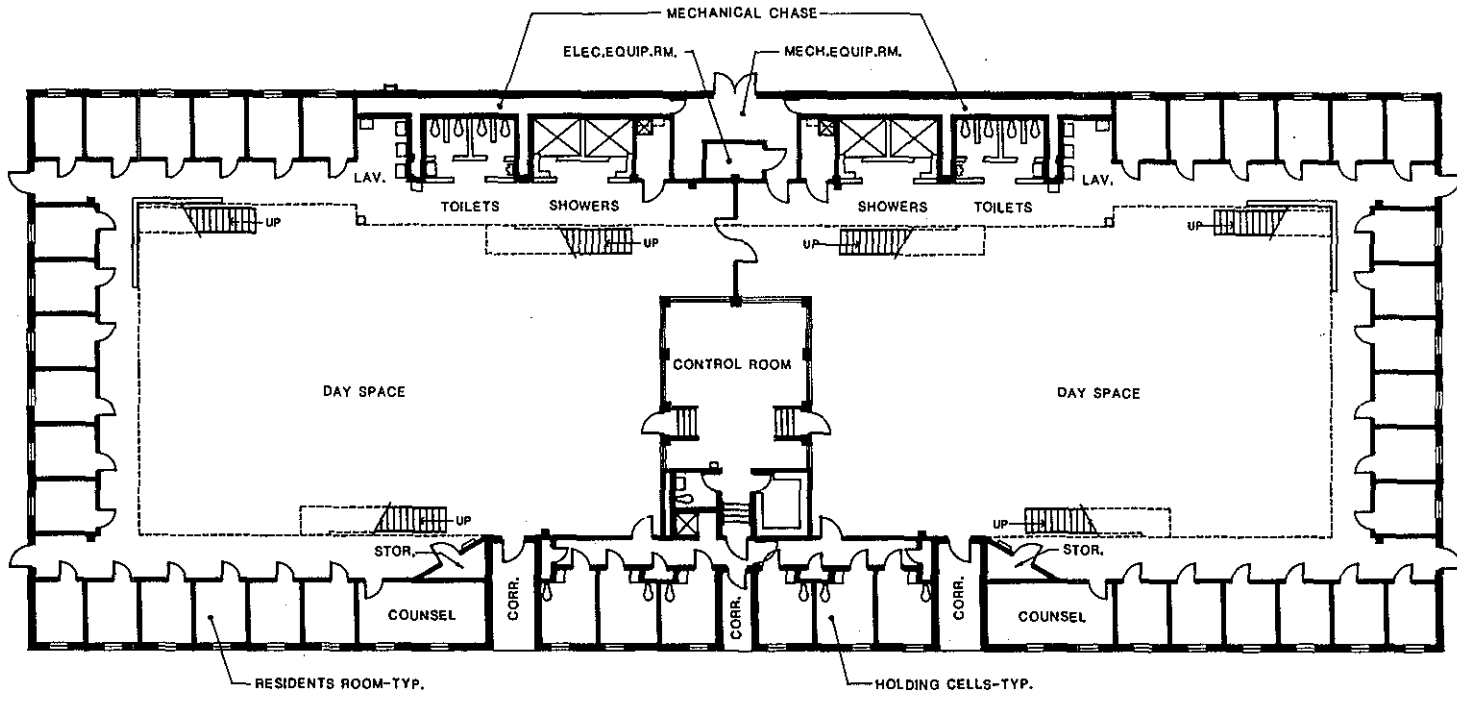


Ouachita Correctional Center (Addition)

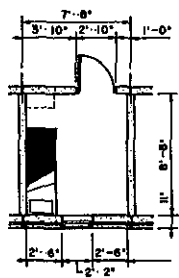
Jurisdiction official: Gary Maynard, Director, Department of Corrections

Contact: Warden Bill Yeager, Ouachita Correctional Center, Route 1, P.O. Box 70, Hodgen, OK 74939, 918-653-7831
Architect: The Benham Group, Inc., P.O. Box 20400, 9400 North Broadway, Oklahoma City, OK 73156, 405-478-5353
Construction manager: None

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|--|--|---|
| <p>Groundbreaking: September 1982 Finish date: May 1983 Construction time: 8 months</p> | <p>Design capacity: 90 Total cost: \$1,426,200 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,426,200 Building only: \$1,406,200 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$15,847 Total per GSF: \$57.92 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 24,625 Gross square feet/other: 0 Gross square feet/total: 24,625 Housing area square feet: 20,033 Gross square feet per inmate: 274 Size of cells: 63 square feet (single) Net/gross square feet: 98%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 90 Inmates per unit: 90 Management type: Remote surveillance October 1985 population: 90 Facility commitment: State prisoners Means to handle crowding: Stacked bunks in cell</p> |
| <p>Security</p> <p>Perimeter: Building exterior; single fence Inmate security level: Maximum: 0 Medium: 0 Minimum: 94.6% (+ 5.4% holding)</p> | <p>Construction type</p> <p>Structural: Load bearing precast panels Exterior walls: Precast panels Interior walls: Precast panels; CMU block Exterior surface/facade: Raked finish, precast</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive; exterior walls; most interior walls; precast concrete slabs</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Linoleum; sealed concrete Intercom: One-way to common areas; two-way to counseling rooms HVAC: Heating/air circulation only; gas A.H.U. Plumbing: China Furniture: Steel; wood Fire protection: Smoke detectors in common areas, cells, and mechanical ductwork; fire hose cabinets and fire extinguishers</p> | <p>Inmate design capacity</p> <p>Single occupancy: 84 Double occupancy: 0 Dorms: 0 Special housing: 6 General population: 84 Total: 90</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: N/A Programs/treatment: N/A Maintenance: N/A Total: N/A (no extra staff added) Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly; simple construction methods; less expensive materials and hardware Negative: None</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods; coordination of design between parties Negative: None</p> |



FIRST LEVEL FLOOR PLAN



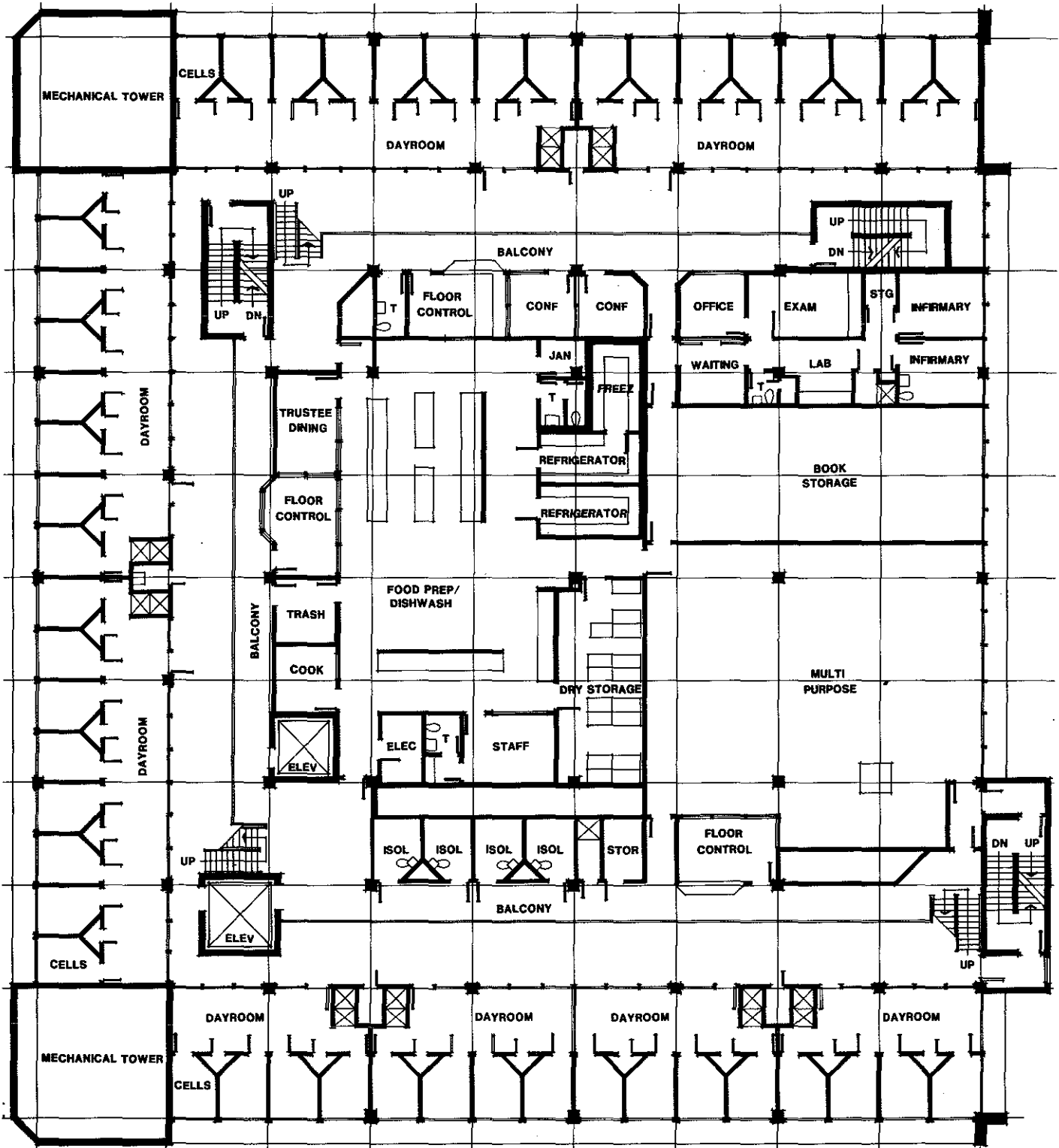
TYPICAL RESIDENTS ROOM

Jackson County Jail

Jurisdiction official: C.W. Smith, Sheriff

Contact: Gale R. Fulton, Jail Administrator, Jackson County Jail, 787 West 8th Street, Medford, OR 97501, 503-776-7127
Architect: Afseth, Jacobs & Schmitz, Architects, A.I.A., 2950 East Barnett Road, Medford, OR 97504, 503-779-5237
Construction manager: None

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| <p>Groundbreaking: October 1978 Finish date: February 1981 Construction time: 28 months</p> | <p>Design capacity: 183 Total cost: \$7,921,838 Total annual operating costs: \$1,984,629</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$7,921,838 Building only: \$7,589,851 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$43,289 Total per GSF: \$87.42 Total annual operating costs: \$1,984,629</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 90,621 Gross square feet/other: 0 Gross square feet/total: 90,621 Housing area square feet: 32,301 Gross square feet per inmate: 495 Size of cells: 55 square feet (single) Net/gross square feet: 81%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 8 (med.); 16 (max.) Inmates per unit: 8 (med.); 16 (max.) Management type: Remote surveillance April 1986 population: 188 Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 13% Medium: 55% Minimum: 22% Holding: 10%</p> | <p>Structural: Cast-in-place concrete frame; precast core floor Exterior walls: Cast-in-place concrete; architectural precast Interior walls: Cast-in-place concrete; CMU block; steel studs with gypsum board Exterior surface/facade: Colored concrete</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; concrete deck and exterior facade</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; wooden Doors/type: Swinging Doors/locking: Unknown Floor surface: Carpet; sealed concrete; vinyl tile Intercom: Two-way to cells HVAC: Air conditioning; gas heat; heat recovery from housing Plumbing: Stainless steel; china Furniture: Steel; wood Fire protection: Smoke detectors for cells</p> | <p>Single occupancy: 112 Double occupancy: 4 Dorms: 0 Special housing: 67 General population: 116 Total: 183</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 11 Security: 41 Programs/treatment: 2 Maintenance: 3 Total: 57 Current inmate/staff ratio: 3.30:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Slow construction, lengthy building time; high labor costs; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: None Negative: None</p> |



Justice Center

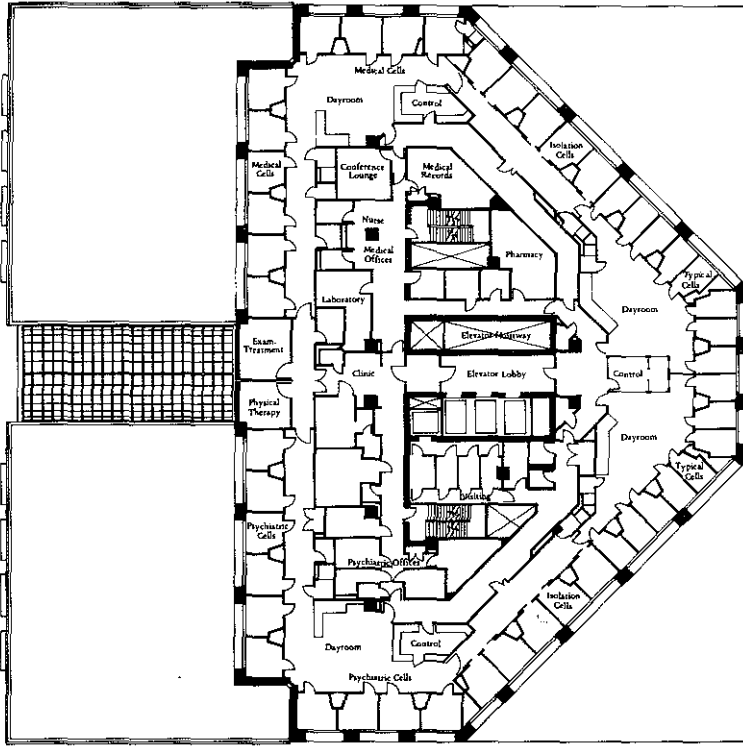
Jurisdiction official: Fred B. Pearce, Sheriff

Contact: Captain Joe Golden, Justice Center, 1120 SW. Third, Portland, OR 97204, 503-248-5129

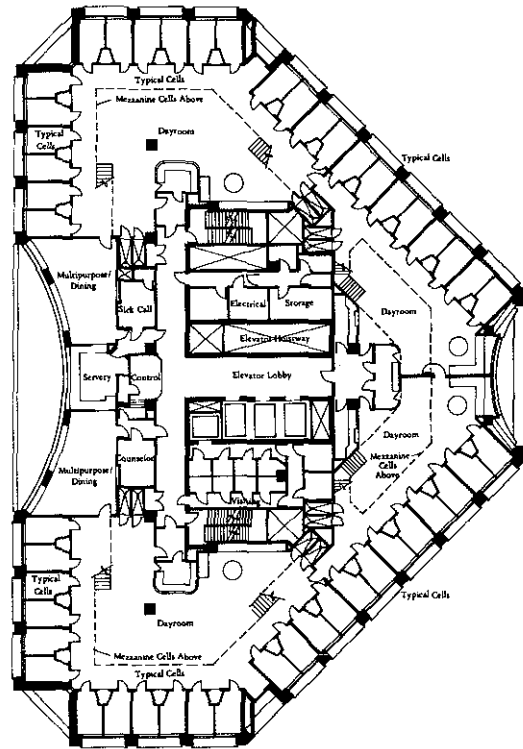
Architect: Zimmer Gunsul Frasca Partnership, Suite 500, 320 SW. Oak, Portland, OR 97204, 503-224-3860

Construction manager: Turner Construction Company, 1201 Pennsylvania Avenue NW., Washington, DC 20004, 202-393-5100

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| <p>Groundbreaking: May 1980 Finish date: November 1983 Construction time: 43 months</p> | <p>Design capacity: 430 Total cost: \$44,162,400 Total annual operating costs: \$11,477,300</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement admin., courts, retail Building configuration: High rise</p> |
| <p>Costs</p> <p>Total: \$44,162,400 Building only: \$44,112,400 Housing area: \$12,430,573 Housing per inmate: \$32,371 Housing per cell: \$32,371 Total per inmate: N/A (complex) Total per GSF: \$93.56 Total annual operating costs: \$11,477,300</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 243,245 Gross square feet/other: 228,793 Gross square feet/total: 472,038 Housing area square feet: 108,792 Gross square feet per inmate: 566 Size of cells: 70 square feet (single) Net/gross square feet: 57%</p> <p>Construction type</p> <p>Structural: Load bearing precast panels; cast-in-place concrete frame Exterior walls: Cast-in-place concrete; architectural precast Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Precast textured concrete</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 32 Inmates per unit: 32 Management type: Direct supervision October 1985 population: 480 Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 384 Double occupancy: 0 Dorms: 0 Special housing: 46 General population: 384 Total: 430</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 27 Security: 193 Programs/treatment: 46 Maintenance: 43 Total: 309 (not incl. food service or county medical staff) Current inmate/staff ratio: 1.55:1</p> | <p>Construction process</p> <p>Finance method: Federal and State funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Extensive, precast cell walls and exterior cladding</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: One-way to cells; two-way to common areas HVAC: Air conditioning; heat exchanger (hot water); gas-fired boilers Plumbing: Stainless combination unit Furniture: Concrete Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations; manual override of cell sprinklers</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefab.; repetitiveness of design; three bid packages; good competition, favorable market; collaboration in value engineering Negative: Small downtown site, strict development guidelines; complex electronic monitoring and control system for security</p> <p>Factors affecting time schedule: Positive: Use of prefab.; repetitiveness of design; three bid packages; coordination of design between parties; pressure to complete before demolition of existing jail Negative: Complex electronics system</p> |



FOURTH FLOOR PLAN
SPECIAL HOUSING



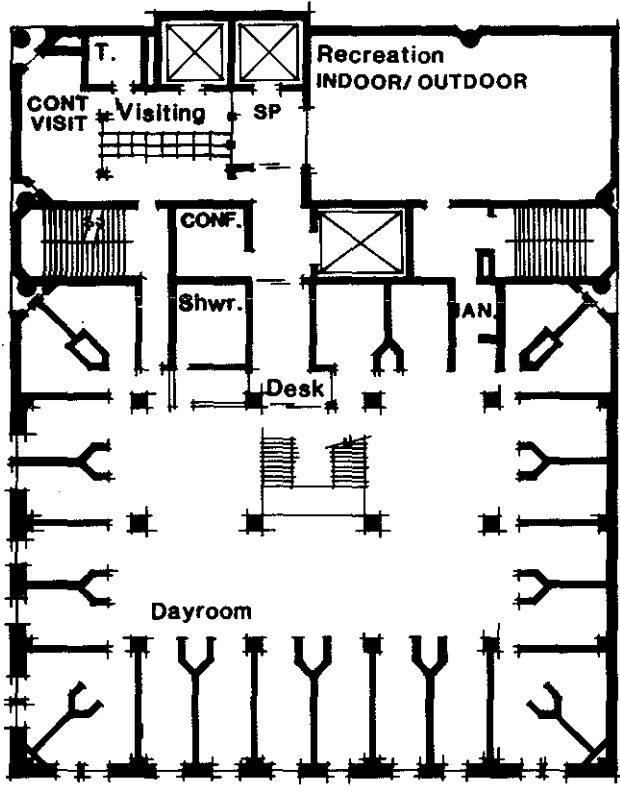
FIFTH THROUGH EIGHTH FLOOR PLAN
TYPICAL HOUSING

Allegheny County Jail Annex (Remodel/Expansion)

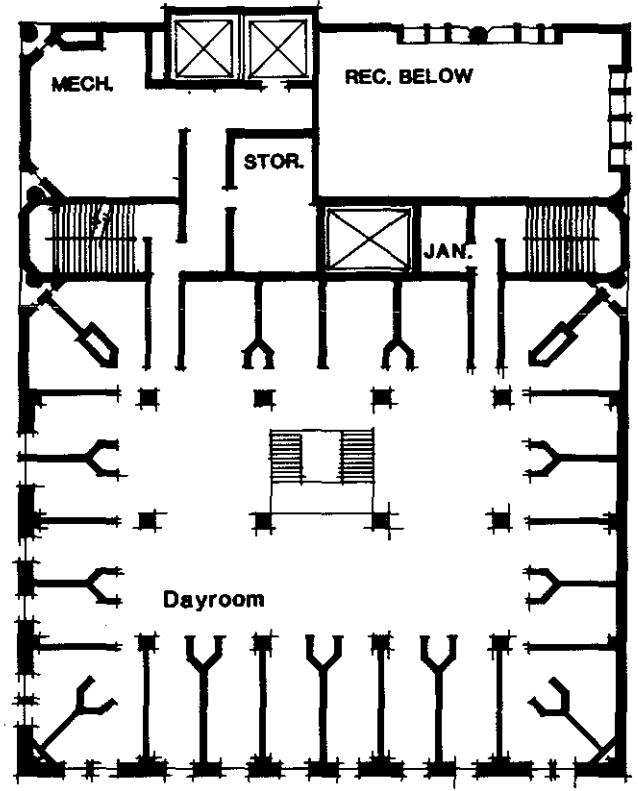
Jurisdiction official: Charles J. Kozakiewicz, Warden

Contact: Warden Charles Kozakiewicz, Allegheny County Jail Annex, 311 Ross Street, Pittsburgh, PA 15219, 412-355-4451
Architect: L. Robert Kimball & Associates, 615 West Highland Avenue, Edensburg, PA 15931, 814-472-7700
Construction manager: Dick Corporation, P.O. Box 10896, Pittsburgh, PA 15236, 412-664-8000

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| <p>Groundbreaking: October 1984 Finish date: January 1986 Construction time: 15 months</p> | <p>Design capacity: 274 Total cost: \$9,678,540 Total annual operating costs: \$3,503,700 (entire facility)</p> | <p>Category: Remodeling/renovation project; expansion Facility type: County jail Building configuration: High rise</p> |
| <p>Costs</p> <p>Total: \$9,678,540 Building only: \$9,554,540 Housing area: \$7,020,000 Housing per inmate: \$25,620 Housing per cell: \$25,620 Total per inmate: \$35,323 Total per GSF: \$113.66 Total annual operating costs: \$3,503,700 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 85,150 Gross square feet/other: 0 Gross square feet/total: 85,150 Housing area square feet: 45,280 Gross square feet per inmate: 311 Size of cells: Unknown Net/gross square feet: 78%</p> <p>Construction type</p> <p>Structural: Steel frame; CMU partition reinforced at security perimeter Exterior walls: Brick; two-inch insulation in cavity Interior walls: CMU block Exterior surface/facade: Brick; dryvit</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 50 Inmates per unit: 50 Management type: Direct supervision May 1987 population: 412 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 274 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 274 Total: 274</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 13 Security: 113 Programs/treatment: 7 Maintenance: 4 Total: 137 (entire facility) Current inmate/staff ratio: 3.01:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Steam heat Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations; smoke ejectors</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; good competition; renovation of existing county office building as auxiliary jail Negative: Difficult site conditions; costly remodel</p> <p>Factors affecting time schedule: Positive: Phased construction, fast track CM; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers; conversion/remodel of office building into jail</p> |



TYPICAL CELL FLOOR



TYPICAL UPPER LEVEL
CELL FLOOR

Blair County Prison (Expansion)

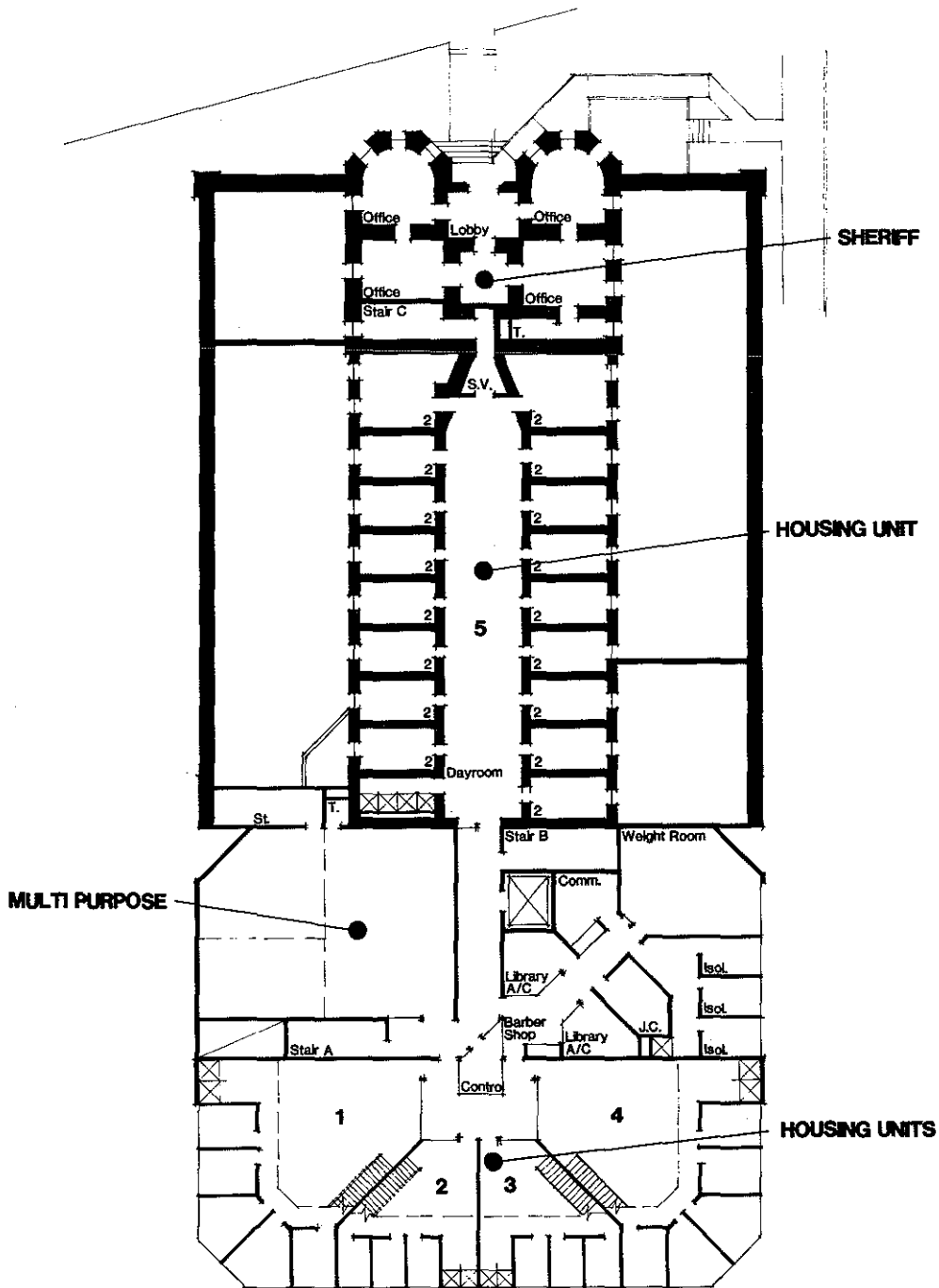
Jurisdiction official: William Stouffer, County Commissioner

Contact: Warden Garry Sparks, Blair County Prison, Hollidaysburg, PA 16648, 814-695-9731

Architect: L. Robert Kimball & Associates, 615 West Highland Avenue, Ebensburg, PA 15931, 814-472-7700

Construction manager: None

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| <p>Groundbreaking: July 1982 Finish date: September 1984 Construction time: 27 months</p> | <p>Design capacity: 141 Total cost: \$4,092,581 Total annual operating costs: N/A (expansion)</p> | <p>Category: Expansion project Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$4,092,581 Building only: \$3,936,257 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$29,025 Total per GSF: \$81.69 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 50,100 Gross square feet/other: 0 Gross square feet/total: 50,100 Housing area square feet: 21,950 Gross square feet per inmate: 355 Size of cells: 60 square feet (single); 90 square feet (double) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod (new); linear, outside (old) Cells per unit: 7 to 15 Inmates per unit: 7 to 38 Management type: Remote surveillance October 1985 population: 157 Facility commitment: Local jail inmates Means to handle crowding: DUI quarters; work release unit</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 18% Medium: 67% Minimum: 15%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning Plumbing: Stainless; china Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; smoke ejectors</p> | <p>Inmate design capacity</p> <p>Single occupancy: 14 Double occupancy: 108 Dorms: 8 Special housing: 11 General population: 130 Total: 141</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 42 Programs/treatment: 0 (contractual) Maintenance: 0 (contractual) Total: 46 (expansion only) Current inmate/staff ratio: 3.41:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers</p> |

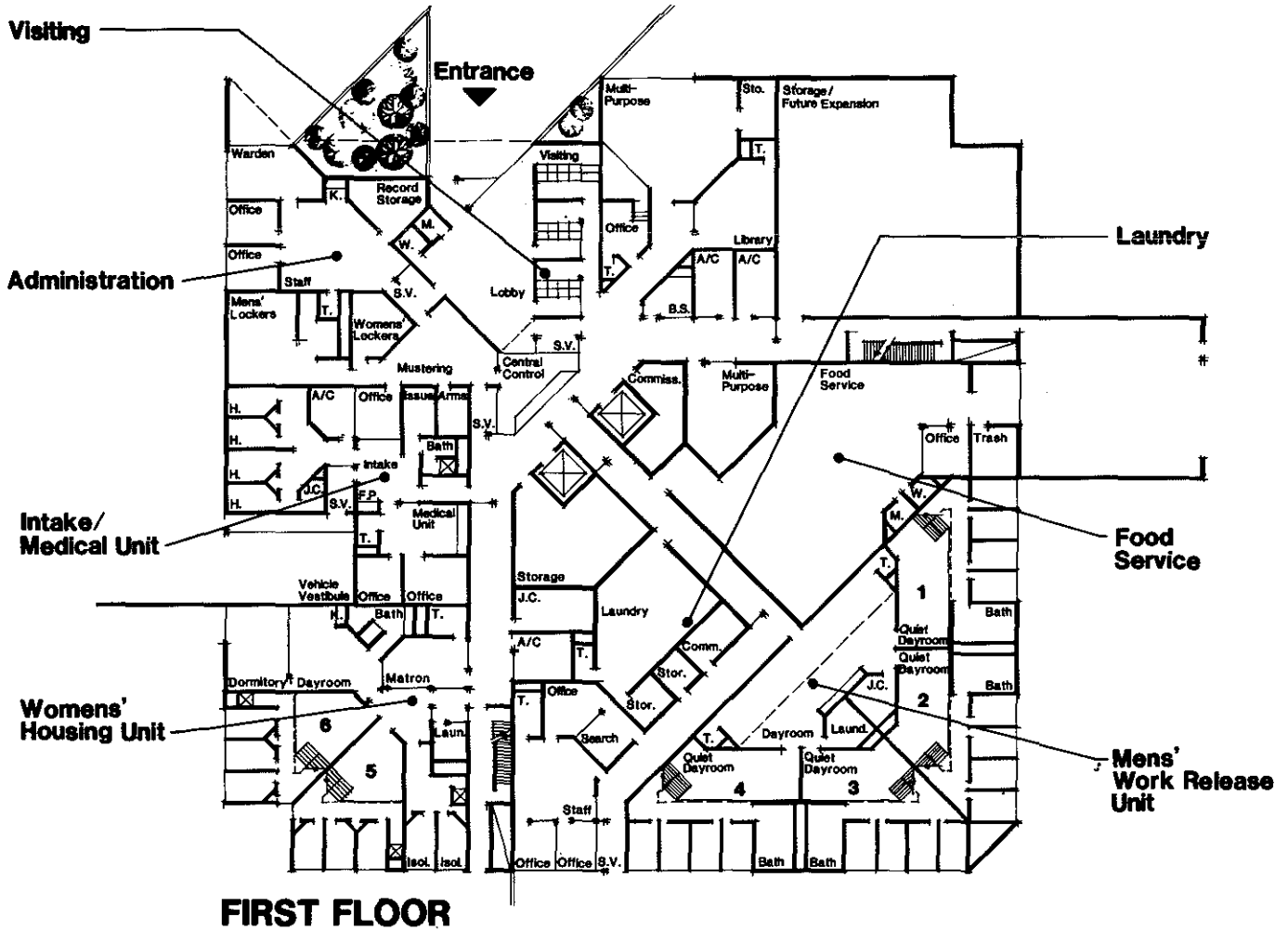


Lycoming County Prison

Jurisdiction official: Charles Brewer, Sheriff

Contact: Warden David Desmond, Lycoming County Prison, 277 West Third Street, Williamsport, PA 17701, 717-326-4623
Architect: L. Robert Kimball & Associates, 615 West Highland Avenue, Ebensburg, PA 15931, 814-472-7700
Construction manager: None

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| <p>Groundbreaking: September 1983 Finish date: October 1985 Construction time: 26 months</p> | <p>Design capacity: 150 Total cost: \$6,579,727 Total annual operating costs: \$1,480,986</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$6,579,727 Building only: \$6,467,292 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$43,865 Total per GSF: \$101.13 Total annual operating costs: \$1,480,986</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 65,060 Gross square feet/other: 0 Gross square feet/total: 65,060 Housing area square feet: 22,965 Gross square feet per inmate: 434 Size of cells: 60 to 80 square feet (single) Net/gross square feet: N/A</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 6 to 10 Inmates per unit: 6 to 10 Management type: Remote surveillance; patrols October 1985 population: 134 Facility commitment: Local jail inmates Means to handle crowding: Bunk beds in cell; transfer out</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 20% Medium: 60% Minimum: 20%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; steam heating plant Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors for cells and common areas; smoke ejectors</p> | <p>Inmate design capacity</p> <p>Single occupancy: 142 Double occupancy: 0 Dorms: 0 Special housing: 8 General population: 142 Total: 150</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 6 Security: 44 Programs/treatment: 6 Maintenance: 5 Total: 61 Current inmate/staff ratio: 2.20:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Difficult site conditions (demolition of existing buildings)</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers; weather problems due to late contract award</p> |



Philadelphia Industrial Correctional Center

Jurisdiction official: Edmund H. Lyons, Superintendent of Prisons

Contact: Warden Philip J. Dukes, Philadelphia Industrial Correctional Center, 8301 State Road, Philadelphia, PA 19136, 215-335-7102

Architects: The Ehrenkrantz Group, 19 West 44th Street, New York, NY 10036, 212-730-1950
Jacobs Wyper, 1232 Chancellor Street, Philadelphia, PA 19136, 215-985-0400

Construction manager: Morrison-Knudsen/Parametric Co., P.O. Box 11110, Philadelphia, PA 19136, 215-331-7820

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| <p>Groundbreaking: May 1984 Finish date: May 1986 Construction time: 24 months</p> | <p>Design capacity: 650 Total cost: \$50,000,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility; phased project (future) Facility type: County jail; city jail Building configuration: Integrated structure; clusters</p> |
| <p>Costs</p> <p>Total: \$50,000,000 Building only: \$47,500,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$76,923 Total per GSF: \$181.82 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 275,000 Gross square feet/other: 0 Gross square feet/total: 275,000 Housing area square feet: 126,000 Gross square feet per inmate: 423 Size of cells: 70 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 50 Inmates per unit: 50 Management type: Direct supervision August 1986 population: 235 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; double fence with razor wire; alarm/detection systems; patrols; camera surv. Inmate security level: Maximum: 62% Medium: 32% Minimum: 0 Other: 6%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Cast-in-place concrete; CMU block; brick Interior walls: Cast-in-place concrete; CMU block; drywall, security plaster Exterior surface/facade: Brick; split faced block; marble trim</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; Certificates of Participation; local funds; facility owned by municipal authority and leased back to city Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Epoxy coating; sealed concrete Intercom: PA monitor in walkways outside cells; one-way to cells HVAC: Air conditioning Plumbing: Stainless steel; nonsecurity lavatory built into precast vanity unit, plastic seat Furniture: Steel; wood Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations; preaction system with abort function</p> | <p>Inmate design capacity</p> <p>Single occupancy: 550 Double occupancy: 0 Dorms: 0 Special housing: 100 General population: 550 Total: 650</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 22 Security: 202 Programs/treatment: 10 Maintenance: 26 Total: 260 Current inmate/staff ratio: N/A</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Repetitiveness of design; fast track CM; less expensive materials and hardware; being a "new generation jail" Negative: High labor costs; difficult site conditions; complex electronic and mechanical systems; 35% minority enterprise requirements on all bids</p> <p>Factors affecting time schedule: Positive: Simple construction methods; phased construction; cooperation between owner, user, architect, and construction manager Negative: Slow delivery from vendors and subcontractor; complex electronic and mechanical systems</p> |

Schuylkill County Prison (New and Remodel)

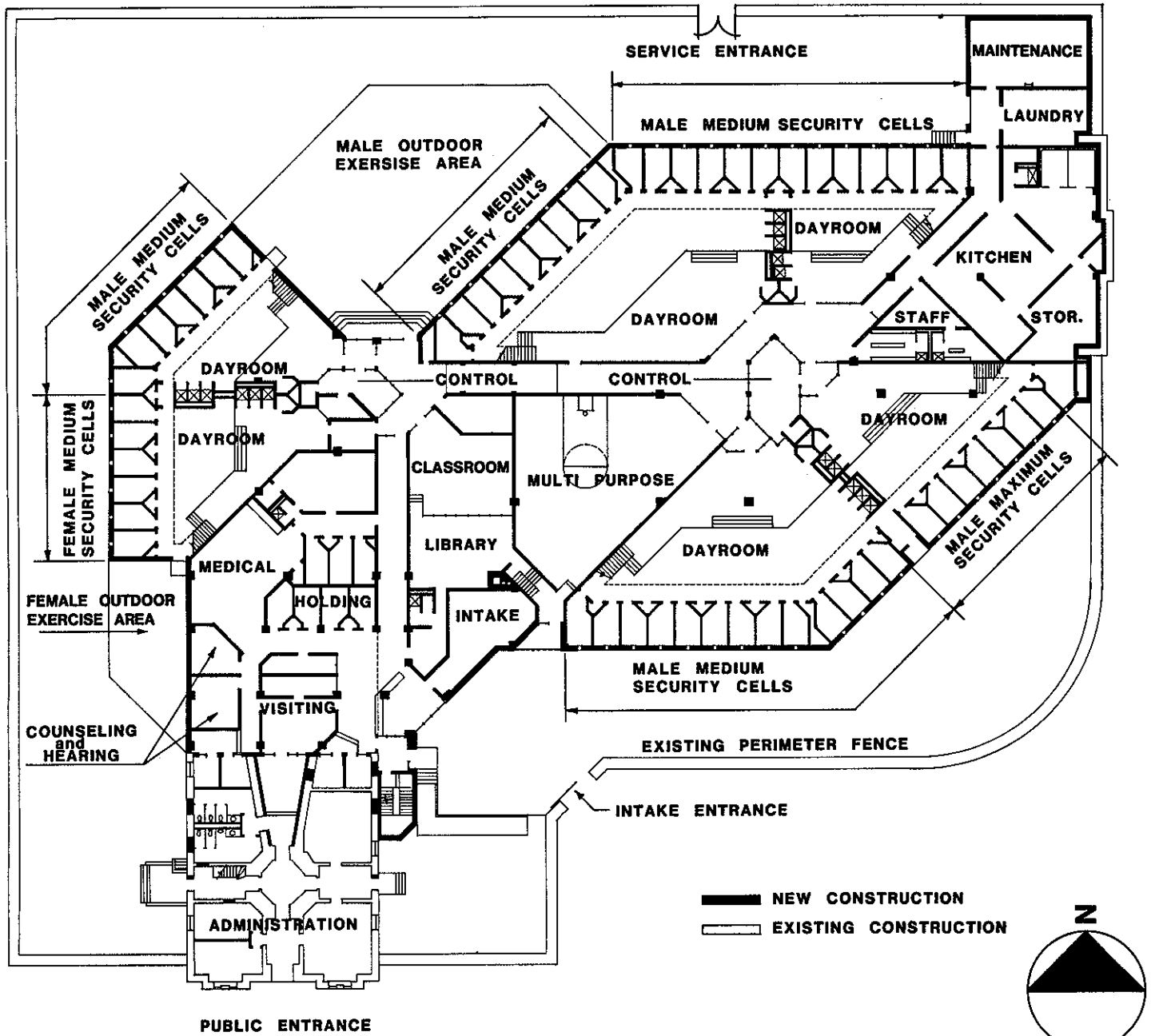
Jurisdiction official: John E. Lavelle, Chairman, Prison Board

Contact: Warden David J. Kurtz, Schuylkill County Prison, 2nd and Sanderson Streets, Pottsville, PA 17901, 717-622-5570

Architect: Benatec Associates, P.O. Box 1943, Harrisburg, PA 17105, 717-763-7391

Construction manager: Mellion-Stuart Company, P.O. Box 1161, Pottsville, PA 17901, 717-628-4050

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|--|--|--|
| <p>Groundbreaking: June 1984 Finish date: June 1986 Construction time: 24 months</p> | <p>Design capacity: 140 Total cost: \$5,313,872 Total annual operating costs: \$820,375</p> | <p>Category: New, independent facility; remodeling/renovation project Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$5,313,872 Building only: \$5,158,992 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$37,956 Total per GSF: \$91.27 Total annual operating costs: \$820,375</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 58,220 Gross square feet/other: 0 Gross square feet/total: 58,220 Housing area square feet: Unknown Gross square feet per inmate: 416 Size of cells: 70 square feet (single) Net/gross square feet: 61%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 30 Inmates per unit: 30 Management type: Remote surveillance June 1986 population: 163 Facility commitment: Local jail inmates Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Existing perimeter wall; video camera surveillance Inmate security level: Maximum: 12% Medium: 73% Minimum: 15%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block; brick, split-faced concrete masonry units with iron spot brick coursing Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; steel Doors/type: Swinging Doors/locking: Remote and manual locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Heating/air circulation; coal fired boiler with hot water radiant floor panels Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 113 Double occupancy: 0 Dorms: 0 Special housing: 27 General population: 113 Total: 140</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 5 Security: 21 Programs/treatment: 4 Maintenance: 2 Total: 32 Current inmate/staff ratio: 5.09:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; phased construction, fast track construction management; good competition, favorable market Negative: Difficult site conditions; government procedures, regulations, and red tape</p> <p>Factors affecting time schedule: Positive: Phased construction, fast track construction management Negative: Weather problems</p> |



FIRST FLOOR PLAN PHASE B

State Correctional Institution at Smithfield

Jurisdiction official: David S. Owens Jr., Commissioner, Department of Corrections

Contact: Superintendent Margaret Moore, State Correctional Institution at Smithfield, 1120 Pike Street, Huntingdon, PA 11652, 814-963-6520

Architect: Sullivan Associates, Architects & Planners, 2314 Market Street, 2nd Floor, Philadelphia, PA 19103, 215-567-7300

Construction manager: None

| | | |
|--|--|--|
| <p>Groundbreaking: November 1984 Finish date: December 1987 Construction time: 37 months</p> | <p>Design capacity: 560 Total cost: \$26,665,159 Total annual operating costs: \$11,300,000 (projected)</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$26,665,159 Building only: \$23,840,069 Housing area: \$15,624,000 Housing per inmate: \$30,516 Housing per cell: \$30,516 Total per inmate: \$47,616 Total per GSF: \$108.84 Total annual operating costs: \$11,300,000 (projected)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 245,000 Gross square feet/other: 0 Gross square feet/total: 245,000 Housing area square feet: 110,000 Gross square feet per inmate: 438 Size of cells: 63 square feet (single); 48 (spec. double) Net/gross square feet: 73%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 64 Inmates per unit: 64 Management type: Remote surveillance November 1987 population: N/A Facility commitment: State prisoners Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fences; towers Inmate security level: Maximum: 10% Medium: 90% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame; cast-in-place concrete frame; CMU bearing walls and precast plank Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; precast concrete plank in approximately 50% of facility structures</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: None HVAC: Air conditioning; coal furnace Plumbing: China Furniture: Steel Fire protection: Smoke detectors for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 512 Double occupancy: 0 Dorms: 0 Special housing: 48 General population: 512 Total: 560</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 82 Security: 216 Programs/treatment: 12 Maintenance: 38 Total: 348 Current inmate/staff ratio: N/A</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: NFPA guidelines for correctional facility life safety codes, appropriate for use and reasonably priced Negative: None</p> <p>Factors affecting time schedule: Positive: None Negative: Project could have been fast-tracked</p> |

(No floorplan available at time of publication)

State Regional Correctional Facility at Mercer (Addition)

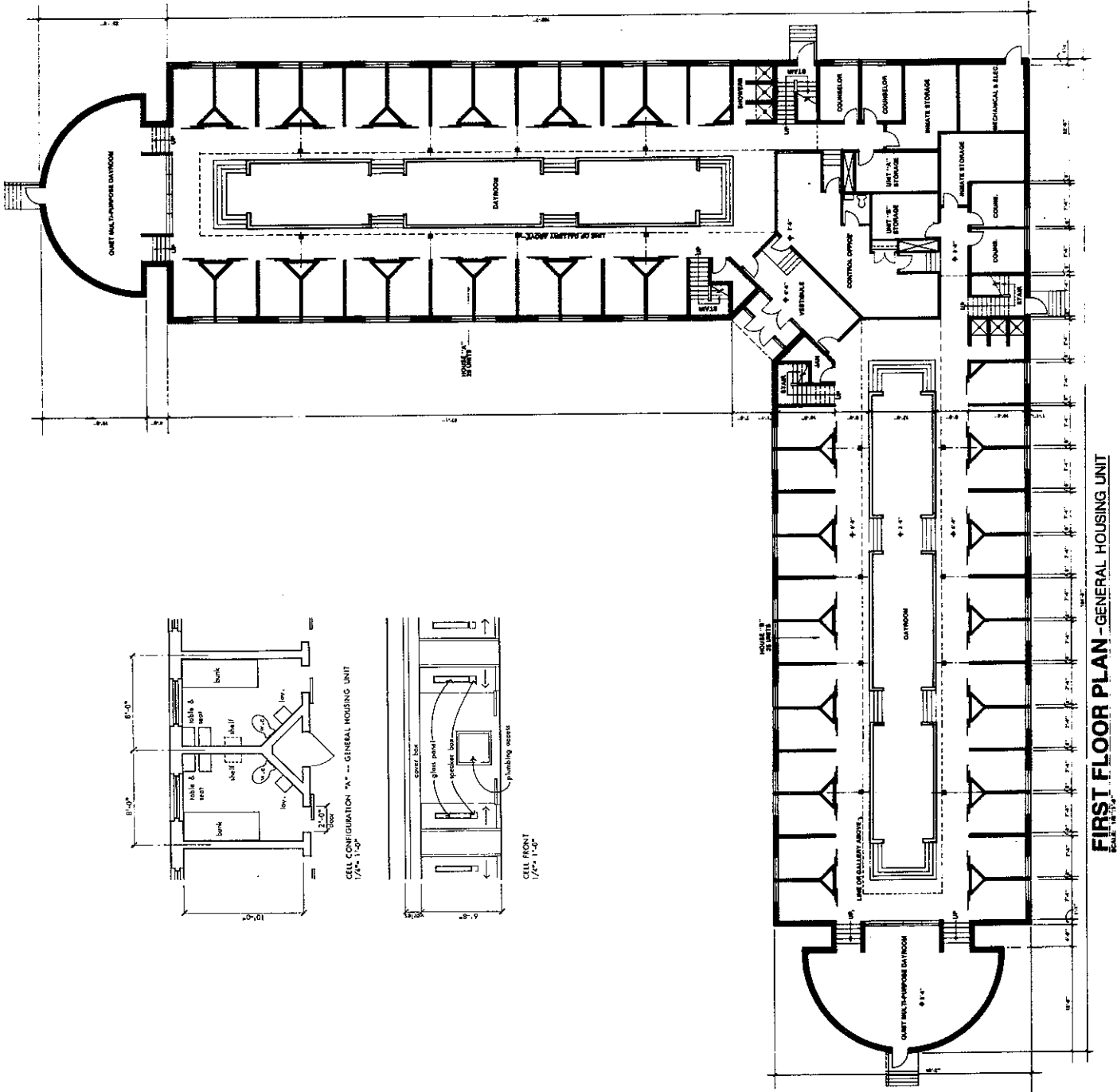
Jurisdiction official: David S. Owens, Jr., Commissioner, Department of Corrections

Contact: Superintendent Gilbert A. Walters, State Regional Correctional Facility at Mercer, 801 Butler Pike, Mercer, PA 16136, 412-748-3020

Architect: L. D. Astorino & Associates, Ltd., 227 Fort Pitt Boulevard, Pittsburgh, PA 15222, 412-765-1700

Construction manager: None

| | | |
|---|---|--|
| <p>Groundbreaking: May 1984 Finish date: March 1986 Construction time: 22 months</p> | <p>Design capacity: 180 Total cost: \$7,800,000 Total annual operating costs: N/A (expansion)</p> | <p>Category: New ancillary building Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$7,800,000 Building only: \$7,200,000 Housing area: \$4,450,000 Housing per inmate: \$29,667 Housing per cell: \$29,667 Total per inmate: \$43,333 Total per GSF: \$102.36 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 76,200 Gross square feet/other: 0 Gross square feet/total: 76,200 Housing area square feet: 43,400 Gross square feet per inmate: 423 Size of cells: 70 square feet (single) Net/gross square feet: 91%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 30 Inmates per unit: 30 Management type: Intermittent surveillance November 1986 population: 180 Facility commitment: State prisoners Means to handle crowding: Bunk beds in cell; second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence; patrols Inmate security level: Maximum: 6% Medium: 94% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Precast concrete frame Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: Limited; installation of furniture Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: One-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: China Furniture: Steel Fire protection: Smoke detectors for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 150 Double occupancy: 0 Dorms: 0 Special housing: 30 General population: 150 Total: 180</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: N/A Programs/treatment: N/A Maintenance: N/A Total: N/A (expansion) Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; phased construction, fast track CM; good competition, favorable market; efficient design Negative: Slow construction, lengthy building time; high labor costs; difficult site conditions; government red tape</p> <p>Factors affecting time schedule: Positive: Repetitiveness of design; advanced order of materials and hardware Negative: Slow responses and delivery from vendors, suppliers; labor problems; weather problems; government procedures, regulations, and red tape</p> |



Warren County Jail

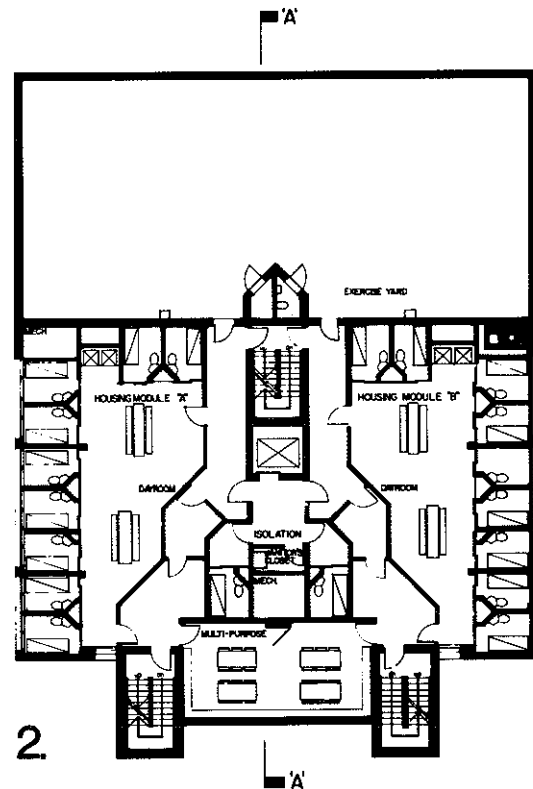
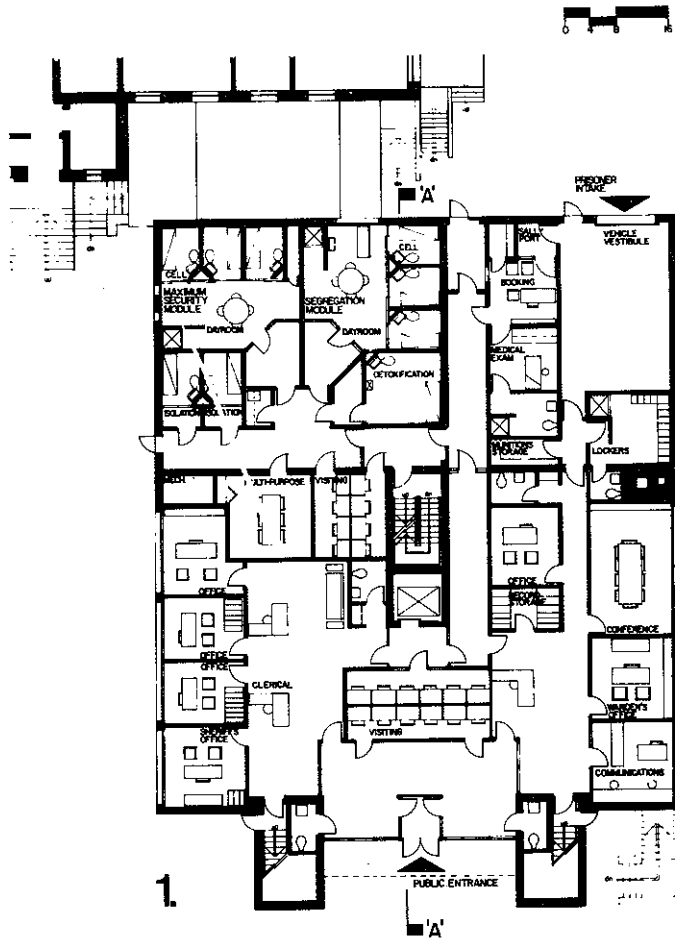
Jurisdiction official: Donnell Allen, Jr., Sheriff

Contact: Sheriff Donnell Allen, Jr., Warren County Jail, Warren, PA 16365, 814-723-7553

Architect: E. Robert Kimball & Associates, 615 West Highland Avenue, Ebensburg, PA 15931, 814-472-7700

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: August 1978 Finish date: April 1980 Construction time: 20 months</p> | <p>Design capacity: 50 Total cost: \$2,189,614 Total annual operating costs: \$1,263,592</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,189,614 Building only: \$2,126,369 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$43,792 Total per GSF: \$95.08 Total annual operating costs: \$1,263,592</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 23,030 Gross square feet/other: 0 Gross square feet/total: 23,030 Housing area square feet: 7,300 Gross square feet per inmate: 461 Size of cells: 60 square feet (single) Net/gross square feet: N/A</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 3 to 9 Inmates per unit: 6 to 14 Management type: Remote surveillance September 1987 population: 91 Facility commitment: Local jail inmates Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 15% Medium: 70% Minimum: 15%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Revenue sharing Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; steam heating plant Plumbing: Stainless Furniture: Steel Fire protection: Smoke detectors and sprinklers for common areas; manual alarm stations; smoke ejectors</p> | <p>Inmate design capacity</p> <p>Single occupancy: 43 Double occupancy: 0 Dorms: 0 Special housing: 7 General population: 43 Total: 50</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 19 Programs/treatment: 2 Maintenance: 1 Total: 24 Current inmate/staff ratio: 3.79:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; site owned by county Negative: Difficult site conditions (had to demolish old jail)</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Weather problems; rejected installation of precast concrete</p> |



Wyoming County Jail

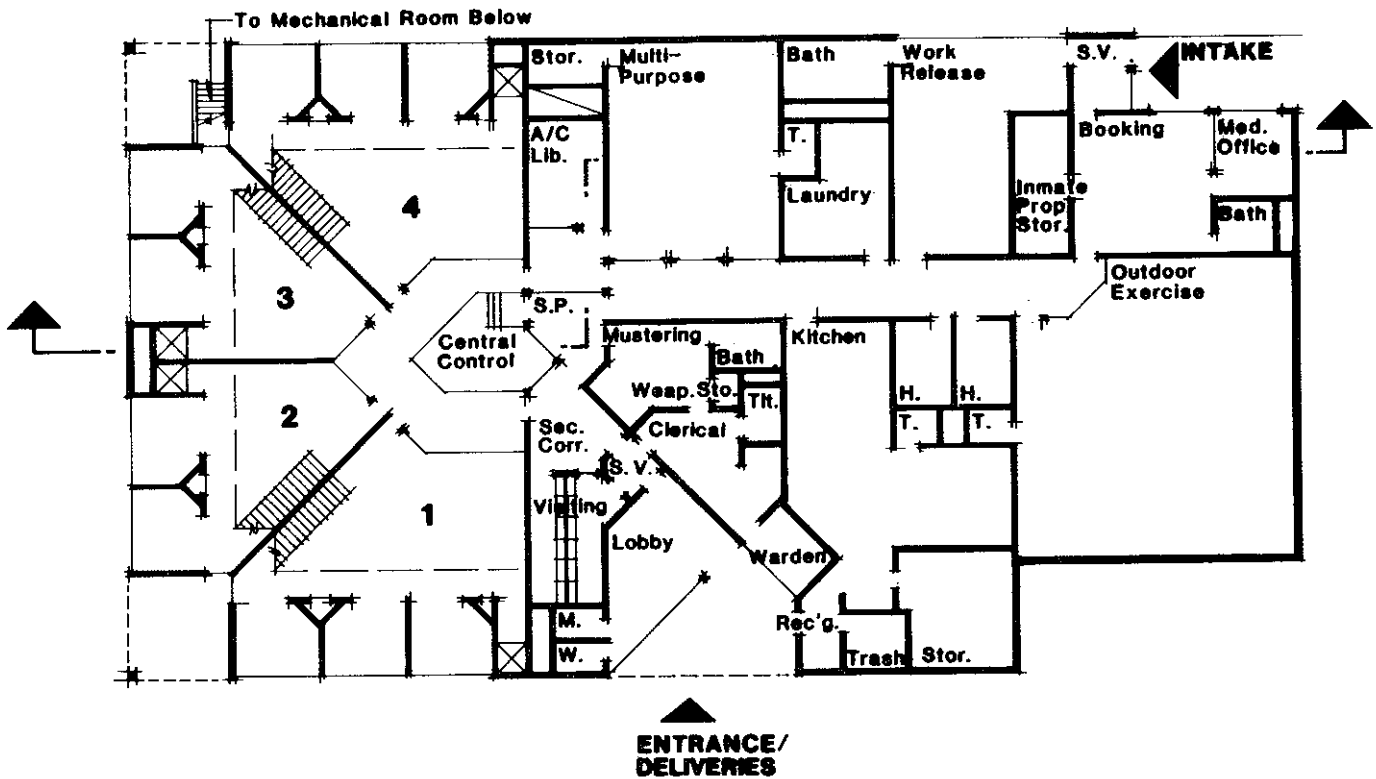
Jurisdiction official: Robert Truesdale, Sheriff

Contact: Sheriff Robert Truesdale, Wyoming County Jail, Tunkhannock, PA 18657, 717-836-3200

Architect: L. Robert Kimball & Associates, 615 West Highland Avenue, Ebensburg, PA 15931, 814-472-7700

Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: October 1984 Finish date: January 1986 Construction time: 16 months</p> | <p>Design capacity: 50 Total cost: \$2,460,895 Total annual operating costs: \$238,000 (projected)</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,460,895 Building only: \$2,404,694 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$49,218 Total per GSF: \$170.90 Total annual operating costs: \$238,000 (projected)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 14,400 Gross square feet/other: 0 Gross square feet/total: 14,400 Housing area square feet: 6,960 Gross square feet per inmate: 288 Size of cells: 60 to 80 square feet (double) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 4 to 6 Inmates per unit: 8 to 12 Management type: Remote surveillance October 1985 population: N/A Facility commitment: Local jail inmates Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 10% Medium: 70% Minimum: 20%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; steam heating plant Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations; smoke ejectors</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 40 Dorms: 8 Special housing: 2 General population: 48 Total: 50</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 16 Programs/treatment: 0 Maintenance: 5 Total: 23 Current inmate/staff ratio: N/A</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: High labor costs; difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Weather problems</p> |



Clemson Police Department (Remodel)

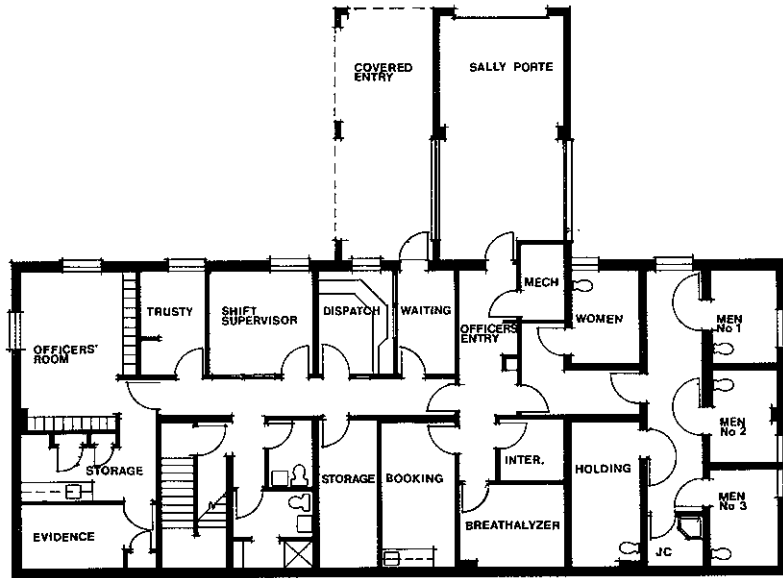
Jurisdiction official: Johnson Link, Chief of Police

Contact: Chief Johnson Link, Clemson Police Department, P.O. Box 1566, Clemson, SC 29633, 803-654-5636

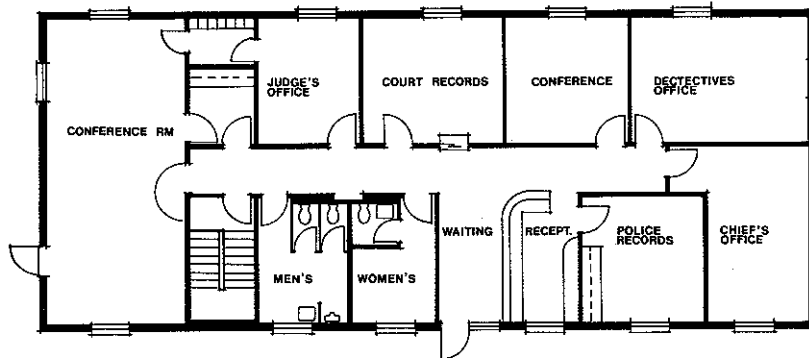
Architect: Louis P. Batson III, Arch. Inc., 110 Williams Street, Greenville, SC 29601, 803-233-2232

Construction manager: None

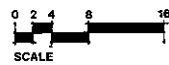
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| <p>Groundbreaking: September 1984 Finish date: June 1985 Construction time: 9 months</p> | <p>Design capacity: 13 Total cost: \$134,000 Total annual operating costs: \$600,000</p> | <p>Category: Remodeling/renovation; phased project (past) Facility type: Complex: city jail; law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$134,000 Building only: N/A (remodel) Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$22.71 Total annual operating costs: \$600,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 1,000 Gross square feet/other: 4,900 Gross square feet/total: 5,900 Gross square feet per inmate: 77 Size of cells: 70 square feet (single) Net/gross square feet: 78%</p> <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Stucco; paint</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 6 Inmates per unit: 12 Management type: Remote surveillance October 1985 population: 2 Facility commitment: Local jail inmates Means to handle crowding: County jail</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 5 Double occupancy: 0 Dorms: 0 Other: 7 Special housing: 1 General population: 12 Total: 13</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Sealed concrete Intercom: One-way to cells HVAC: Air conditioning; heating/air circulation; heat pumps Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations</p> | <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 25 Programs/treatment: 0 Maintenance: 0 Total: 26 Current inmate/staff ratio: .08:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; cooperation of South Carolina Department of Corrections Negative: Slow construction, lengthy building time (default of original contractor) Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers (due to previous contractor problems)</p> |



LOWER LEVEL PLAN



UPPER LEVEL PLAN



Gilliam Psychiatric Center (Addition)

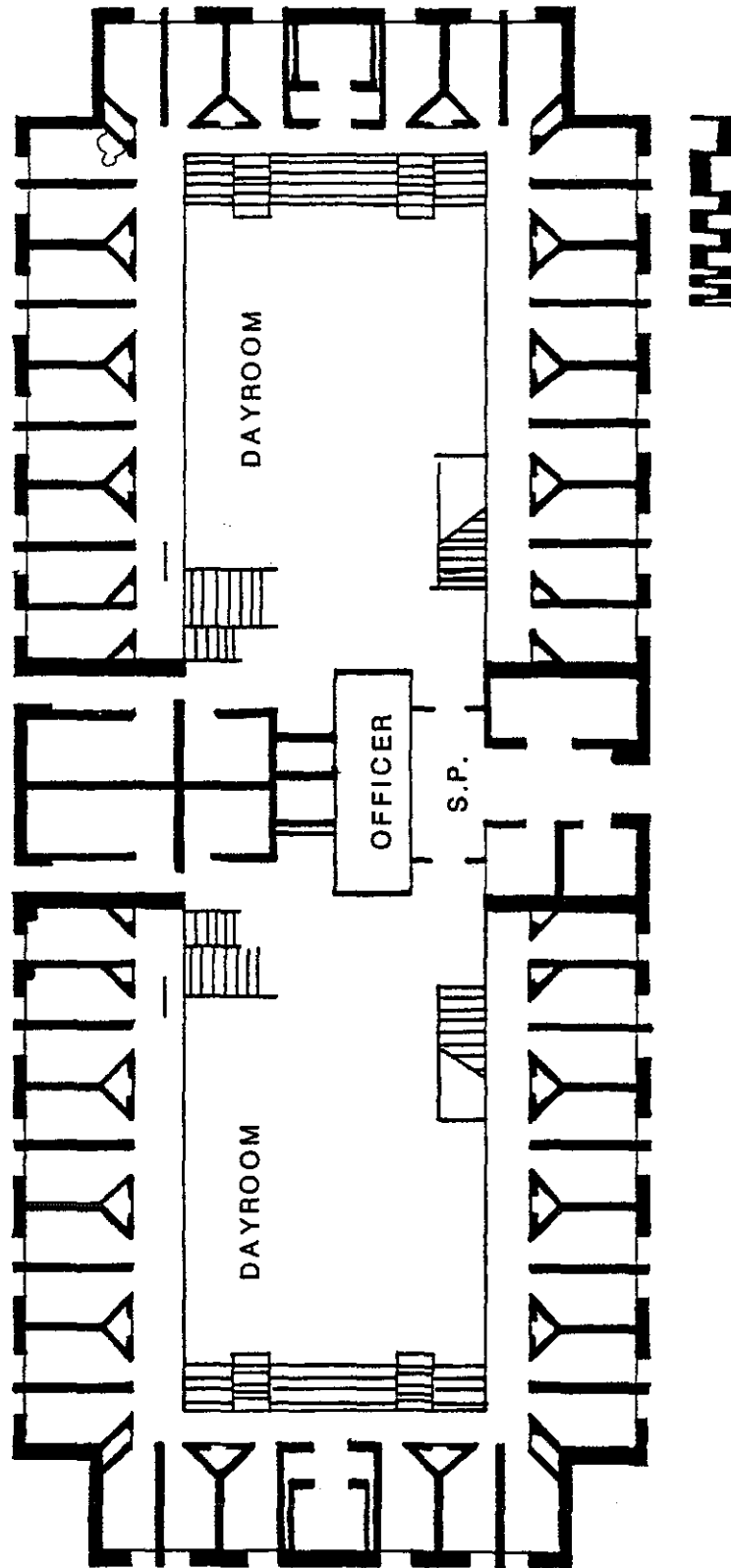
Jurisdiction official: Parker Evatt, Commissioner, Department of Corrections

Contact: Warden Kenneth D. McKellar, Gilliam Psychiatric Center, 4344 Broad River Road, Columbia, SC 29210, 803-737-8572

Architect: Architects Boudreaux, Ltd., P.O. Box 5695, Columbia, SC 29250, 803-799-0247

Construction manager: None

| | | |
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| <p>Groundbreaking: March 1983 Finish date: July 1984 Construction time: 18 months</p> | <p>Design capacity: 96 Total cost: \$1,552,000 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$1,552,000 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$16,167 Total per GSF: \$62.58 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 24,800 Gross square feet/other: 0 Gross square feet/total: 24,800 Housing area square feet: 20,982 Gross square feet per inmate: 258 Size of cells: 91 square feet (single) Net/gross square feet: 79%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 96 Inmates per unit: 96 Management type: Remote surveillance September 1986 population: 95 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences; patrols; video camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Precast panels; brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Owner constructed Use of inmate labor: Extensive; everything but security systems Use of prefabrication: Limited; precast panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Vinyl tile Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 96 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 96 Total: 96</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 7 Security: 26 Programs/treatment: 47 Maintenance: 0 Total: 80 (entire facility) Current inmate/staff ratio: 1.19:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; inmate labor Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Advanced order of materials and hardware; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers; complex electronic, mechanical, and electrical systems</p> |

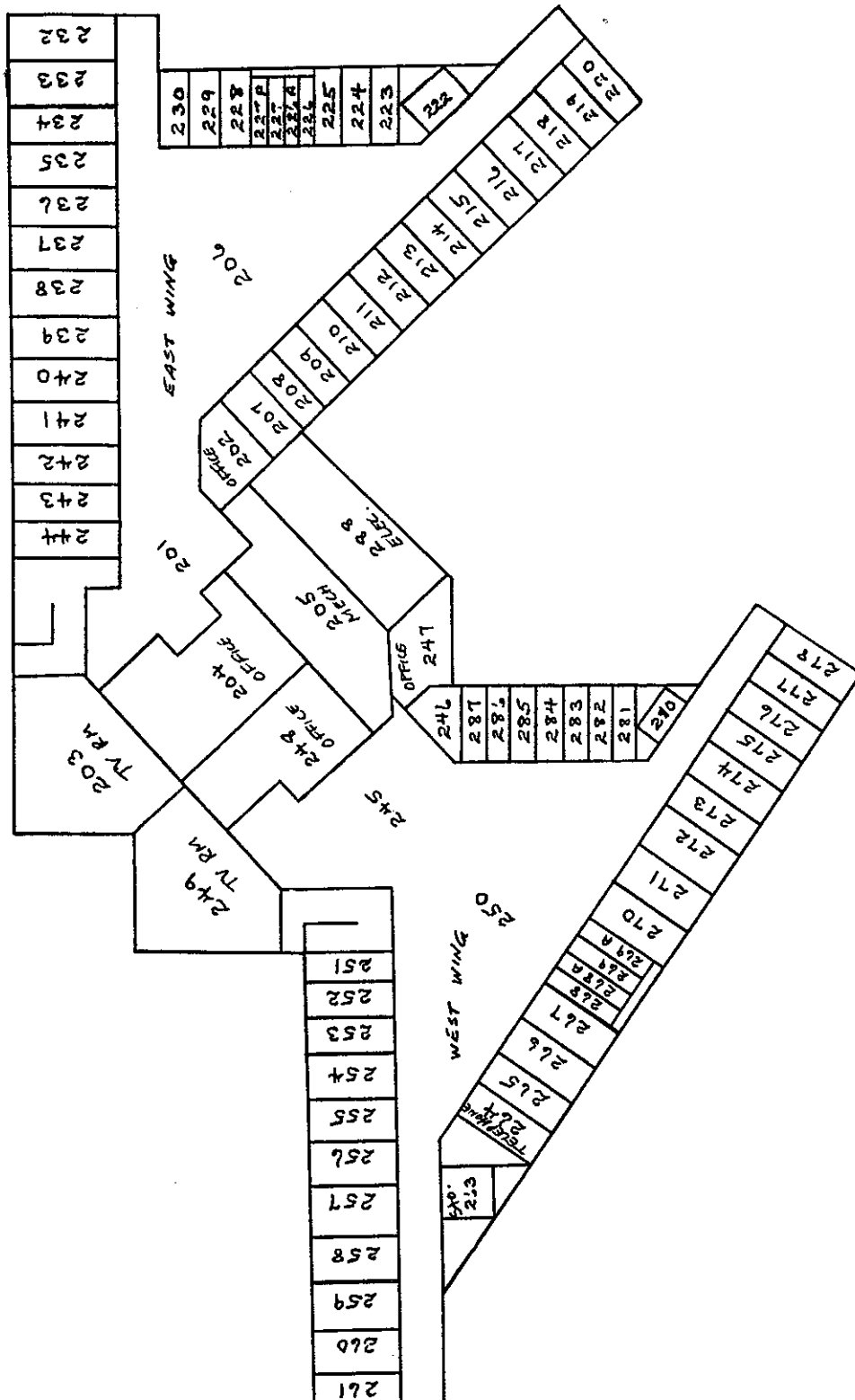


Lieber Correctional Institution

Jurisdiction official: Parker Evatt, Commissioner, Department of Corrections

Contact: Warden P. Douglas Taylor, Lieber Correctional Institution, P.O. Box 205, Ridgeville, SC 29472, 803-875-3332
Architects: McNair, Johnson and Associates, 1529 Washington Street, P.O. Box 84, Columbia, SC 29202, 803-799-5472
 Lescher & Mahoney, Inc., 1130 East Missouri, Suite 850, Phoenix, AZ 85014, 602-264-6803
Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: October 1984 Finish date: July 1986 Construction time: 21 months</p> | <p>Design capacity: 696 Total cost: \$20,571,000 Total annual operating costs: \$5,977,898</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$20,571,000 Building only: \$19,104,000 Housing area: \$10,928,000 Housing per inmate: \$15,701 Housing per cell: \$15,701 Total per inmate: \$29,556 Total per GSF: \$77.99 Total annual operating costs: \$5,977,898</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 263,765 Gross square feet/other: 0 Gross square feet/total: 263,765 Housing area square feet: 168,828 Gross square feet per inmate: 379 Size of cells: 88 square feet (single) Net/gross square feet: 95%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 126 Inmates per unit: 126 Management type: Direct supervision; remote surv. for max. security January 1987 population: 682 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; patrols; camera surveillance Inmate security level: Maximum: 24% Medium: 76% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame; bar joists on CMU walls Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick, stucco</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; double-tee prestressed members for some building roofs</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Sealed concrete; vinyl tile Intercom: One-way to common areas HVAC: Air conditioning; recirculated hot water/chilled water Plumbing: Stainless combination unit; vitreous china Furniture: Steel Fire protection: Smoke detectors for cells and common areas; sprinklers for cells; manual alarm stations; smoke evacuation</p> | <p>Inmate design capacity</p> <p>Single occupancy: 696 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 696 Total: 696</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 74 Security: 303 Programs/treatment: 28 Maintenance: 18 Total: 423 Current inmate/staff ratio: 1.61:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; less expensive materials and hardware Negative: Complex electronic, mechanical, and electrical systems; lack of skilled journeymen; competition with other construction</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers</p> |



GENERAL HOUSING
2nd FLOOR

'F' BUILDING ROOMS
2nd FLOOR

Myrtle Beach Law Enforcement Center

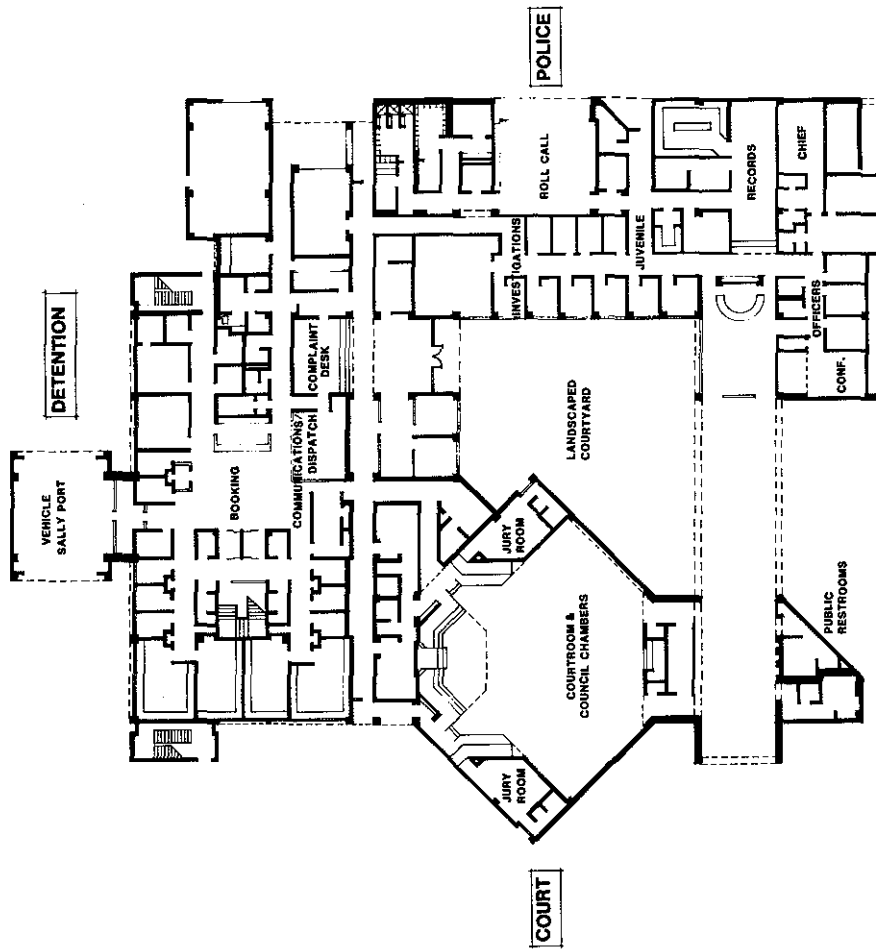
Jurisdiction official: J. Stanley Bird, Chief of Police

Contact: William A. Pickering, Detention Lieutenant, Myrtle Beach Law Enforcement Center, 1101 Oak Street, Myrtle Beach, SC 29577, 803-626-9589

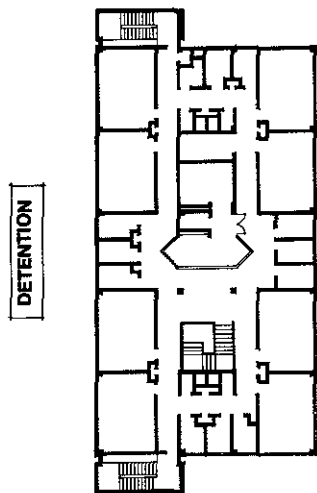
Architect: Timbes/Wilund/Usry/Architects, Inc., 5001 North Kings Highway, Suite 203, Myrtle Beach, SC 29577, 803-449-5204

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: May 1981 Finish date: October 1982 Construction time: 17 months</p> | <p>Design capacity: 112 Total cost: \$3,743,625 Total annual operating costs: \$588,520</p> | <p>Category: New, independent facility Facility type: Complex: city jail; law enforcement, courts, 48-hour lockup Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,743,625 Building only: \$3,410,025 Housing area: \$1,400,000 Housing per inmate: \$12,500 Housing per cell: \$45,161 Total per inmate: N/A (complex) Total per GSF: \$85.86 Total annual operating costs: \$588,520</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 21,000 Gross square feet/other: 22,600 Gross square feet/total: 43,600 Housing area square feet: 13,200 Gross square feet per inmate: 188 Size of cells: 75 square feet (single) Net/gross square feet: 67%</p> <p>Construction type</p> <p>Structural: Steel frame; cast-in-place concrete frame Exterior walls: Brick Interior walls: Cast-in-place concrete; CMU block; brick Exterior surface/facade: Brick</p> <p>Inmate design capacity</p> <p>Single occupancy: 14 Double occupancy: 0 Dorms: 98 Special housing: 0 General population: 112 Total: 112</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 17 Programs/treatment: 0 (outside contractor) Maintenance: 0 (outside contractor) Total: 19 Current inmate/staff ratio: 1.84:1</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 12 to 19 Inmates per unit: 40 to 70 Management type: Intermittent surveillance; direct viewing of circulation passages June 1986 population: 35 Facility commitment: Local jail inmates* Means to handle crowding: Unknown</p> <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | | |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Epoxy coating Intercom: None HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells; manual alarm stations</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Cooperation of owner/architect/contractor in dealing with negotiated items Negative: Complexity of multi-use law enforcement and city government facility</p> <p>Factors affecting time schedule: Positive: Coordination of design between parties; job finished 2-3 months ahead of schedule Negative: None</p> <p>*Juveniles are detained for no more than 6 hours.</p> |



GROUND LEVEL FLOOR PLAN



UPPER LEVEL FLOOR PLAN

Nashville Community Service Center (Addition)

Jurisdiction official: Stephen H. Norris, Commissioner, Department of Correction

Contact: Warden Charles R. Bass, Nashville Community Service Center, 7466 Centennial Place Extended, Nashville, TN 37219-5260, 615-385-3810

Architect: Paul M. Johnson—Architect, 4206 Farrar Avenue, Nashville, TN 37215, 615-292-0120

Construction manager: None

| | | |
|--|--|--|
| <p>Groundbreaking: January 1982 Finish date: December 1983 Construction time: 23 months</p> | <p>Design capacity: 120 Total cost: \$280,000 Total annual operating costs: \$3,618,100 (entire facility)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$280,000 Building only: \$260,000 Housing area: \$240,000 Housing per inmate: \$2,000 Housing per cell: \$60,000 Total per inmate: \$2,333 Total per GSF: \$17.50 Total annual operating costs: \$3,618,100 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 16,000 Gross square feet/other: 0 Gross square feet/total: 16,000 Housing area square feet: 12,800 Gross square feet per inmate: 133 Size of cells: 3,200 square feet (dorm) Net/gross square feet: 92%</p> | <p>Inmate housing areas</p> <p>Design: Dormitory style Cells per unit: 1 Inmates per unit: 30 Management type: Intermittent surveillance April 1986 population: 120 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Masonry bearing Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: State procurement Use of inmate labor: Extensive Use of prefabrication: Limited; wood trussed rafters</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Unknown Floor surface: Sealed concrete Intercom: One-way to common areas HVAC: Heating/air circulation; gas heat Plumbing: China Furniture: Steel Fire protection: Smoke detectors and sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 120 Special housing: 0 General population: 120 Total: 120</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 15 Security: 74 Programs/treatment: 16 Maintenance: 7 Total: 112 (entire facility) Current inmate/staff ratio: 2.68:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; less expensive materials and hardware; use of inmate labor Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow construction, lengthy building time</p> |

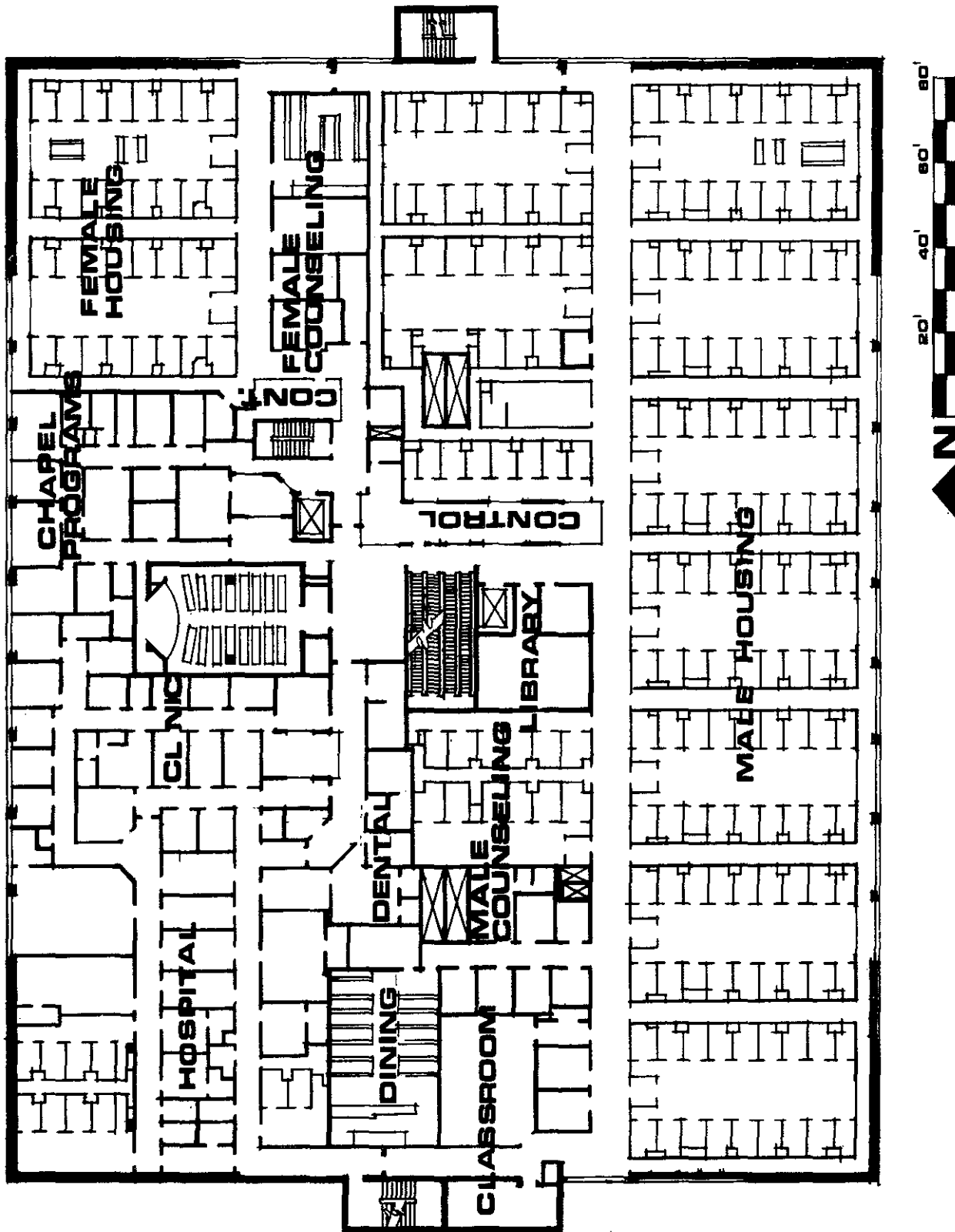
(No floorplan available at time of publication)

Shelby County Justice Center

Jurisdiction official: Jack Owens, Sheriff

Contact: Edward Totten, Chief Jailer, Shelby County Justice Center, 201 Poplar Avenue, Memphis, TN 38103, 901-576-2415
Architect: Mahan and Shappley Architects, Inc., 5575 Poplar Avenue, Suite 603, Memphis, TN 38119, 901-767-9170
Construction manager: Grinder, Taber and Grinder, Inc., 2850 Tarbora Avenue, P.O. Box 14485, Memphis, TN 38114, 901-743-6370

| | | |
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| <p>Groundbreaking: July 1977 Finish date: August 1981 Construction time: 49 months</p> | <p>Design capacity: 1,224 Total cost: \$39,500,000 Total annual operating costs: \$11,904,022</p> | <p>Category: New, independent facility Facility type: Complex: county and city jail; law enforcement, courts Building configuration: High rise</p> |
| <p>Costs</p> <p>Total: \$39,500,000 Building only: \$39,140,000 Housing area: \$18,086,650 Housing per inmate: \$14,777 Housing per cell: \$14,777 Total per inmate: N/A (complex) Total per GSF: \$48.39 Total annual operating costs: \$11,904,022</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 326,892 Gross square feet/other: 489,448 Gross square feet/total: 816,340 Housing area square feet: 326,892 Gross square feet per inmate: 267 Size of cells: 54 square feet (single) Net/gross square feet: 83%</p> <p>Construction type</p> <p>Structural: Steel frame; cast-in-place concrete frame Exterior walls: Brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 23 Inmates per unit: 23 Management type: Intermittent surveillance; remote surveillance July 1986 population: 1,240 Facility commitment: Local jail inmates Means to handle crowding: Beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 4% Medium: 96% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 1,224 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 1,224 Total: 1,224</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 41 Security: 311 Programs/treatment: 0 Maintenance: 25 Total: 377 Current inmate/staff ratio: 3.29:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; local funds Contract method: Construction management Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; wooden and steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking; manual locking Floor surface: Carpet; terrazzo Intercom: Two-way to common areas HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for common areas; manual alarm stations; fully automatic sprinkler and alarm</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; phased construction, fast track CM; good competition, favorable market Negative: Slow construction, lengthy building time; difficult site conditions; government procedures, regulations, and red tape.</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers; weather problems; government red tape</p> | |



Austin County Jail

Jurisdiction official: Truman A. Maddox, Sheriff

Contact: Sheriff Truman A. Maddox, Austin County Jail, P.O. Box 457, Belleville, TX 77418, 409-865-3112
Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032
Construction manager: None

| | | |
|---|---|--|
| Groundbreaking: May 1981 Finish date: December 1981 Construction time: 7 months | Design capacity: 52 Total cost: \$1,142,520 Total annual operating costs: Unknown | Category: New, independent facility Facility type: Complex: county jail, law enforcement Building configuration: Integrated structure |
| Costs Total: \$1,142,520 Building only: \$1,124,520 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$77.72 Total annual operating costs: Unknown | Dimensions Gross square feet/corrections: 8,200 Gross square feet/other: 6,500 Gross square feet/total: 14,700 Housing area square feet: 8,200 Gross square feet per inmate: 158 Size of cells: 55.5 square feet (single); 86 (spec. single) Net/gross square feet: Unknown | Inmate housing areas Design: Linear, inside Cells per unit: 8 Inmates per unit: 8 Management type: Intermittent surveillance September 1987 population: 16 Facility commitment: Local jail inmates Means to handle crowding: Unknown |
| Security Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 40% Medium: 60% Minimum: 0 | Construction type Structural: Steel frame Exterior walls: Concrete job cast tilt wall panels Interior walls: CMU block Exterior surface/facade: Tilt wall concrete | Construction process Finance method: G.O. Bonds; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None |
| Inmate cells Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic smoke removal system | Inmate design capacity Single occupancy: 24 Double occupancy: 0 Dorms: 12 Special housing: 16 General population: 36 Total: 52 Current staff Full-time equivalent: Administration: 1 Security: 5 Programs/treatment: 0 Maintenance: 0 Total: 6 Current inmate/staff ratio: 2.67:1 | Architect's reported analyses Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Slow construction, lengthy building time; complex electronic, mechanical, and electrical systems Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers |

120'-0"

8 - SINGLE CELLS (MALE ADULT)

8 - SINGLE CELLS (MALE ADULT)

6-MAN MULTIPLE OCCUPANCY

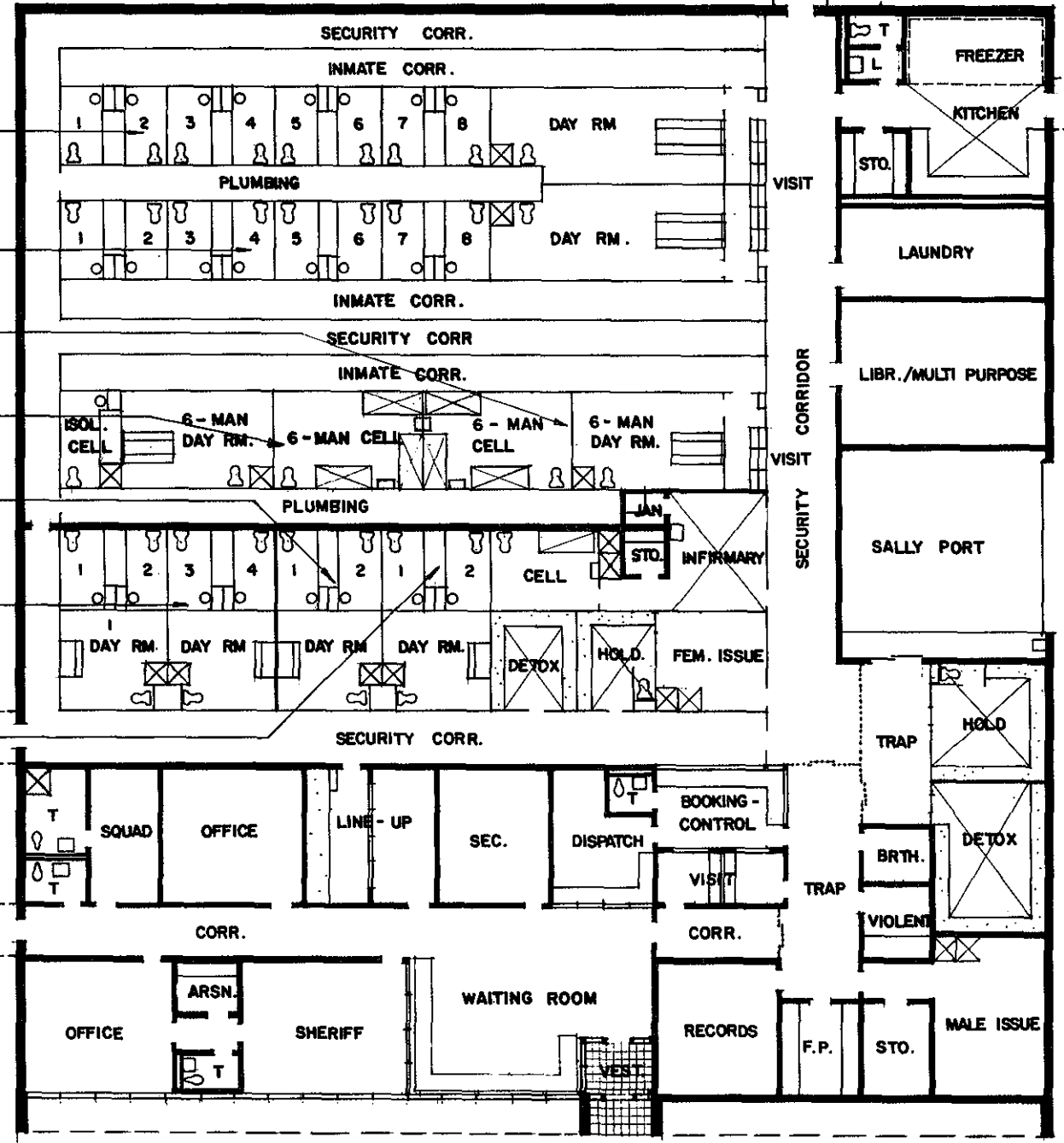
6-MAN MULTIPLE OCCUPANCY

2 - FEMALE CELLS (JUVENILE)

4 - FEMALE CELLS (ADULT)

2 - MALE CELLS (JUVENILE)

122'-6"



Beto I Unit

Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

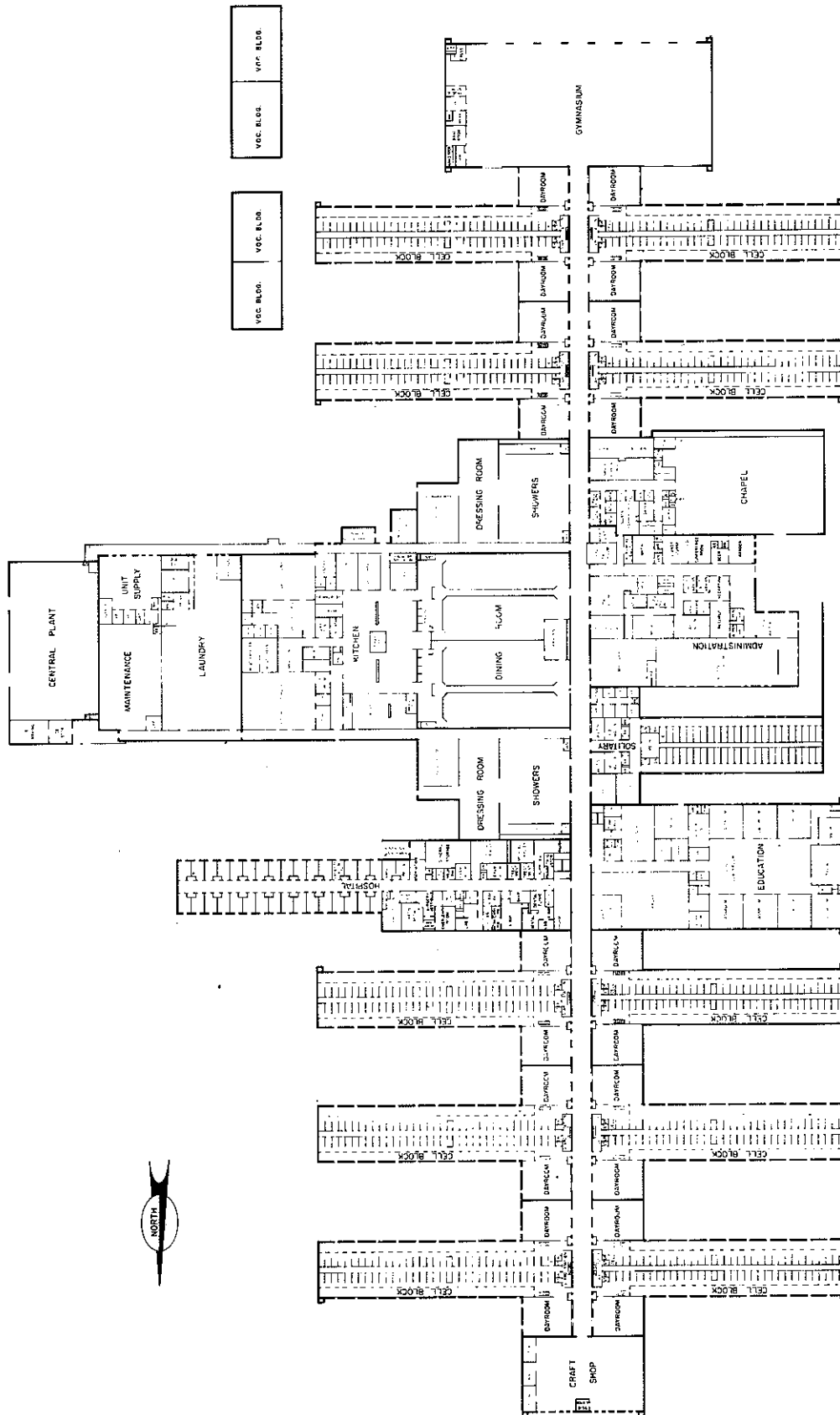
Contact: Warden Terry L. Terrell, Beto I Unit, P.O. Box 128, Tennessee Colony, TX 75861, 214-928-2417

Architects: Page Southerland Page, 606 West Avenue, Austin, TX 78701, 512-472-6721

Geren and Associates, Littlefield Building, Austin, TX 78701, 512-472-7799

Construction manager: None

| | | |
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| <p>Groundbreaking: January 1978 Finish date: December 1986 Construction time: 107 months</p> | <p>Design capacity: 1,103 Total cost: \$31,215,000 Total annual operating costs: \$5,200,159</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Integrated structure; ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$31,215,000 Building only: \$31,215,000 Housing area: \$17,620,314 Housing per inmate: \$4,319 Housing per cell: \$8,637 Total per inmate: \$11,947 Total per GSF: \$38.27 Total annual operating costs: \$5,200,159</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 815,628 Gross square feet/other: 0 Gross square feet/total: 815,628 Housing area square feet: 366,937 Gross square feet per inmate: 195 Size of cells: 53 square feet (double) Net/gross square feet: 94%</p> <p>Construction type</p> <p>Structural: Lead-bearing precast panels; cast-in-place concrete frame; precast concrete frame Exterior walls: Precast panels; cast-in-place concrete Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Textured concrete</p> <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 4,080 Dorms: 0 Special housing: 108 General population: 4,080 Total: 1,103</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 38 Security: 450 Programs/treatment: 628 Maintenance: 44 Total: 1,160 Current inmate/staff ratio: 2.92:1</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 204 Inmates per unit: 408 Management type: Intermittent surveillance September 1987 population: 3,391 Facility commitment: State prisoners Means to handle crowding: Unknown</p> <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: 100% Use of prefabrication: Extensive; concrete panel, jail steel, concrete columns, and beams</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection systems; razor wire on fence; towers; patrols Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Prefab. components, factory assembly; repetitiveness of design Negative: Slow construction; difficult site conditions; government regulations and red tape; complex electronic and mechanical systems; 100% inmate labor</p> <p>Factors affecting time schedule: Positive: Prefab. components, factory assembly; simple construction methods; advanced order of materials and hardware Negative: Slow delivery from vendors; labor problems; 100% inmate labor; weather problems; government red tape</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete; monile surfacing Intercom: One-way to common areas HVAC: Heating/air circulation; steam heat; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Manual alarm stations; fire hose cabinets</p> | | |



Beto II Unit

Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

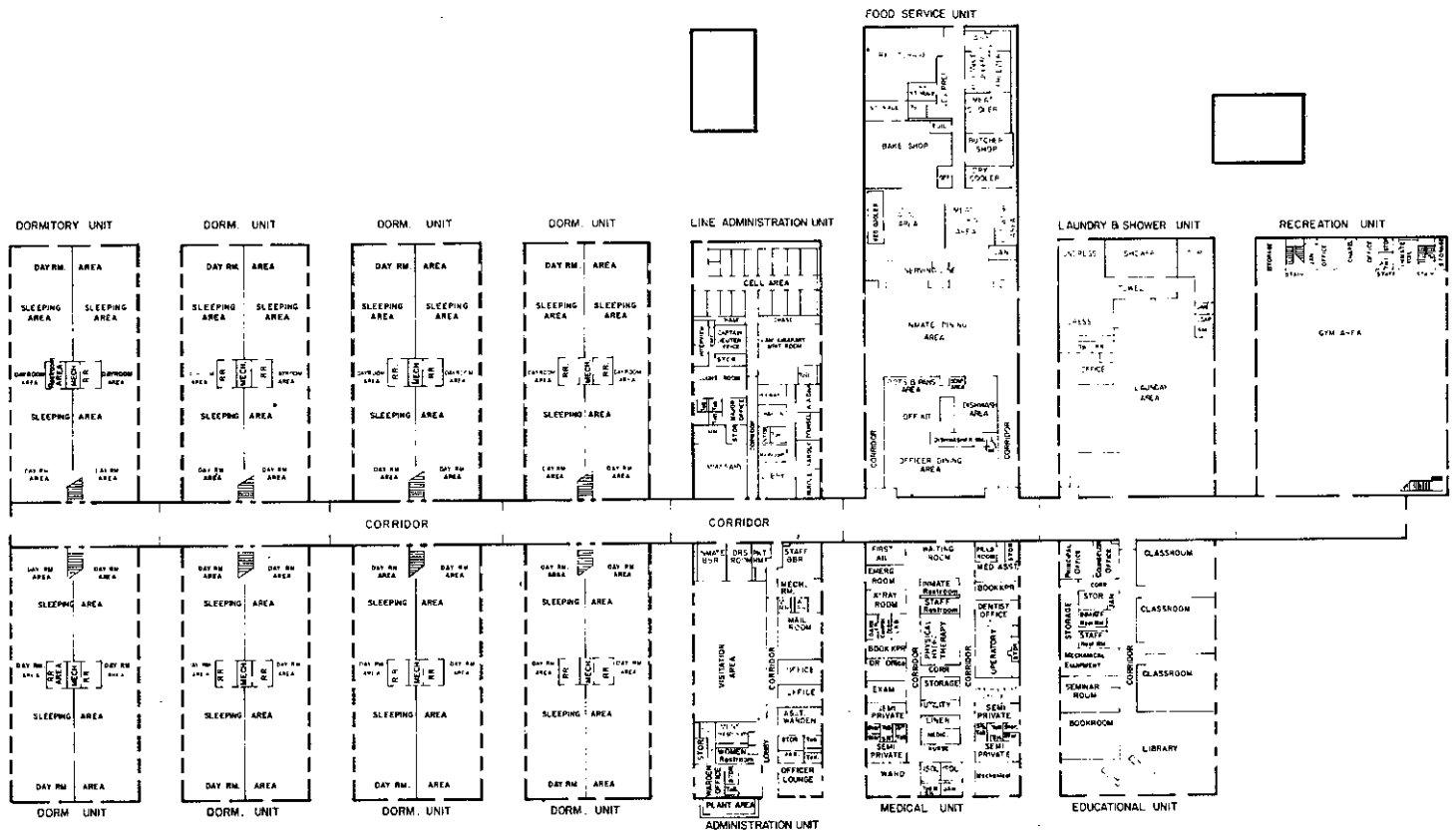
Contact: Warden Michael W. Countz, Beto II Unit, Route 2, Box 250, Palestine, TX 75801, 214-723-5074

Architects: Barnes, Landes, Goodman and Youngblood, 1600 West 38th Street, Suite 100, Austin, TX 78731, 512-451-8281

Dahl-Braden-PTM, Inc., Reverchon Plaza, 3500 Maple Avenue, LB 87, Suite 1100, Dallas, TX 75219, 214-520-0077

Construction manager/General contractor: B.F.W. Construction Company, P.O. Box 628, Temple, TX 76501, 817-778-8941

| | | |
|---|---|---|
| <p>Groundbreaking: May 1981 Finish date: July 1984 Construction time: 38 months</p> | <p>Design capacity: 1,101 Total cost: \$13,177,520 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Integrated structure; ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$13,177,520 Building only: \$13,177,520 Housing area: \$9,224,264 Housing per inmate: \$8,735 Housing per cell: \$576,517 Total per inmate: \$11,969 Total per GSF: \$93.69 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 140,650 Gross square feet/other: 0 Gross square feet/total: 140,650 Housing area square feet: 97,800 Gross square feet per inmate: 128 Size of cells: 3,640 square feet (dorms); 64 (spec. single) Net/gross square feet: 90%</p> | <p>Inmate housing areas</p> <p>Design: Dormitory style Cells per unit: 1 Inmates per unit: 66 Management type: Intermittent surveillance January 1987 population: 1,026 Facility commitment: State prisoners Means to handle crowding: Court order limits inmate capacity</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection systems; razor wire on fence; towers; patrols Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Metal building "sandwich panel" type construction Interior walls: CMU block; jail steel Exterior surface/facade: Metal</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Turn-key design and build Use of inmate labor: None Use of prefabrication: Extensive; prefabricated metal buildings</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Sealed concrete; hard floor wearing surface material Intercom: One-way to common areas HVAC: Heating/air circulation; gas heat Plumbing: China Furniture: Steel Fire protection: Manual alarm stations; fire hose reels</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 1,056 Special housing: 47 General population: 1,056 Total: 1,101</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 10 Security: 199 Programs/treatment: 40 Maintenance: 13 Total: 262 Current inmate/staff ratio: 3.92:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Prefab. components; simple const. methods; phased construction, fast track CM; favorable market; less expensive materials Negative: High labor costs; difficult site conditions; government red tape; complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Prefab. components; repetitiveness of design; phased construction; advanced order of materials; coordination of design between parties Negative: Slow delivery from vendors; weather problems; government red tape</p> |



MAIN BUILDING COMPLEX



Bexar County Juvenile Center

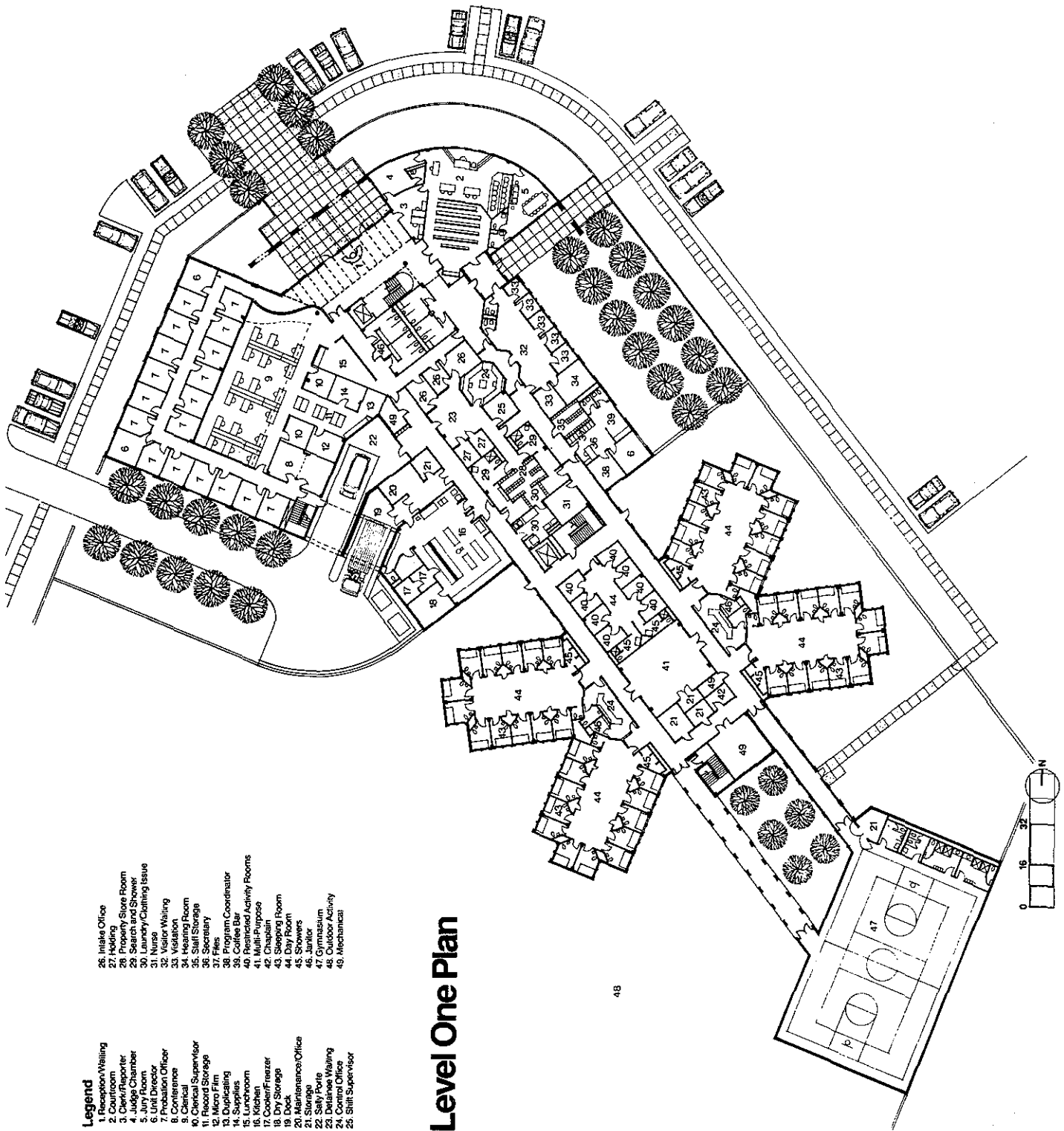
Jurisdiction official: Dr. Tom Broussard, Chief Juvenile Probation Officer

Contact: Dr. Tom Broussard, Chief Juvenile Probation Officer, Bexar County Juvenile Center, 600 Mission Road, San Antonio, TX 78210, 512-531-1060

Architects: Golemon & Rolfe Associates, Inc., 1600 Smith Street, 36th Floor, Houston, TX 77002, 713-655-9988
L. K. Travis & Associates, 1222 Main Street, Suite 407, San Antonio, TX 48212, 512-224-4041

Construction manager: None

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| <p>Groundbreaking: September 1984 Finish date: January 1986 Construction time: 16 months</p> | <p>Design capacity: 104 Total cost: \$5,827,817 Total annual operating costs: \$1,924,328</p> | <p>Category: New, independent facility Facility type: Complex: juvenile detention facility, courts, probation Building configuration: Integrated structure; wheel, spoke or radial</p> |
| <p>Costs</p> <p>Total: \$5,827,817 Building only: \$5,500,000 Housing area: \$1,665,000 Housing per inmate: \$17,344 Housing per cell: \$17,344 Total per inmate: N/A (complex) Total per GSF: \$92.58 Total annual operating costs: \$1,924,328</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 40,515 Gross square feet/other: 22,435 Gross square feet/total: 62,950 Housing area square feet: 17,525 Gross square feet per inmate: 390 Size of cells: 75 square feet (single) Net/gross square feet: 84%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 12 Inmates per unit: 12 Management type: Remote surveillance; direct supervision June 1986 population: 65 Facility commitment: Juvenile detainees Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Single fence; video camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block; architectural precast Interior walls: CMU block Exterior surface/facade: Prefinished concrete masonry units</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; Certificates of Participation Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid Doors/type: Swinging Doors/locking: Remote and manual locking Floor surface: Carpet; vinyl tile Intercom: One-way to common areas HVAC: Air conditioning; heating/air circulation; gas heat Plumbing: Stainless steel Furniture: Wood; vinyl/plastic Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 96 Double occupancy: 0 Dorms: 0 Special housing: 8 General population: 96 Total: 104</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 11 Security: 51 Programs/treatment: 0 Maintenance: 3 Total: 65 Current inmate/staff ratio: 1.00:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: None Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: None Negative: None</p> |



Level One Plan

- Legend**
- 1. Reception/Waiting
 - 2. Clerk/Reporter
 - 3. Judge Chamber
 - 4. Jury Room
 - 5. Unit Director
 - 6. Probation Officer
 - 7. Confinement
 - 8. Confinement
 - 9. Clerical Supervisor
 - 10. Clerical Supervisor
 - 11. Record Storage
 - 12. Micro Film
 - 13. Duplicating
 - 14. Lunchroom
 - 15. Kitchen
 - 16. Dishwasher
 - 17. Dry Storage
 - 18. Dry Storage
 - 19. Dock
 - 20. Maintenance Office
 - 21. Storage
 - 22. Sully Porte
 - 23. Detention Waiting
 - 24. Court Office
 - 25. Shift Supervisor
 - 26. Intake Office
 - 27. Hallway
 - 28. Property Store Room
 - 29. Search and Shower
 - 30. Laundry/Clothing Issue
 - 31. Nurse
 - 32. Visitor Waiting
 - 33. Visitation
 - 34. Waiting Room
 - 35. Storage
 - 36. Secretary
 - 37. Files
 - 38. Program Coordinator
 - 39. Coffee Bar
 - 40. Multi-Purpose
 - 41. Restricted Activity Rooms
 - 42. Program Room
 - 43. Sleeping Room
 - 44. Day Room
 - 45. Showers
 - 46. Janitor
 - 47. Gymnasium
 - 48. Outdoor Activity
 - 49. Mechanical

Brazoria County Sheriff's Department Detention Center II

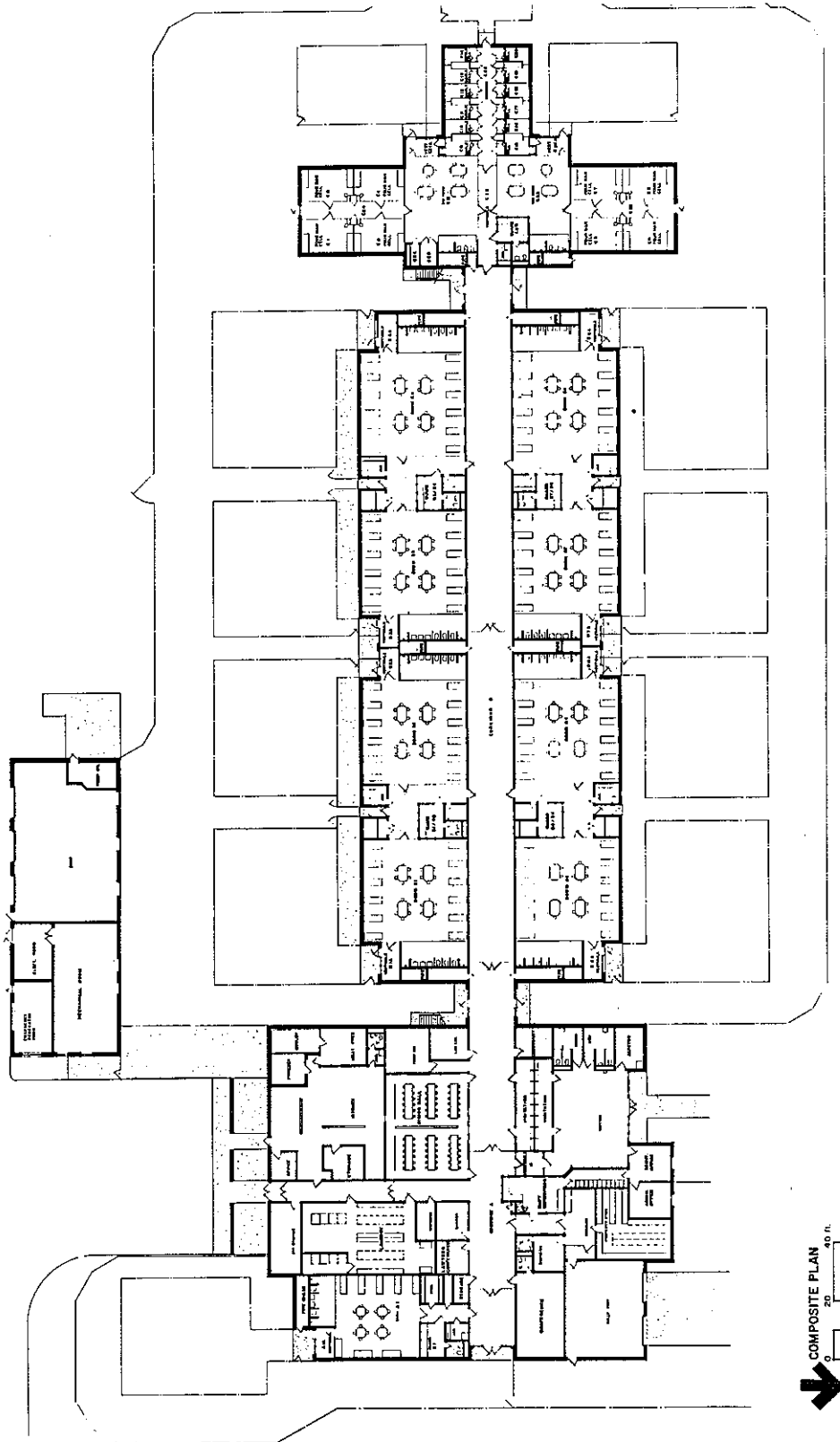
Jurisdiction official: E.J. King, Sheriff

Contact: Captain Richard A. Dix, Brazoria County Sheriff's Department Detention Center II, P.O. Box 1046, 3602 County Road 45, Angleton, TX 77515, 409-849-8263

Architect: Brooks Association for Architecture and Planning, 2200 West Loop South, Suite 895, Houston, TX 77027, 713-871-0667

Construction manager: None

| | | |
|---|---|--|
| <p>Groundbreaking: November 1983 Finish date: November 1985 Construction time: 24 months</p> | <p>Design capacity: 252 Total cost: \$4,754,221 Total annual operating costs: \$1,253,632</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$4,754,221 Building only: \$4,252,477 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$18,866 Total per GSF: \$105.65 Total annual operating costs: \$1,253,632</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 45,000 Gross square feet/other: 0 Gross square feet/total: 45,000 Housing area square feet: 25,000 Gross square feet per inmate: 179 Size of cells: 66 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> <p>Structural: Reinforced load-bearing concrete block with steel bar joists and concrete Exterior walls: Brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick; stucco; paint</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 1 Inmates per unit: 24 Management type: Intermittent surveillance; remote surveillance; direct supervision June 1986 population: 161 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire between fences Inmate security level: Maximum: 0 Medium: 20% Minimum: 80%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 12 Double occupancy: 0 Dorms: 240 Special housing: 0 General population: 252 Total: 252</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 34 Programs/treatment: 4 Maintenance: 3 Total: 45 Current inmate/staff ratio: 3.58:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Sealed concrete; seamless flooring Intercom: Two-way to cells and common areas HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; smoke evacuation system</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: Government procedures, regulations, and red tape; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; labor problems</p> | |



Cameron County Detention Center

Jurisdiction official: Alex Perez, Sheriff

Contact: Jesse Masso, Jail Administrator, Cameron County Detention Center, 1154 East Harrison Street, Brownsville, TX 78521, 512-544-0860

Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032

Construction manager: None

| | | |
|--|--|--|
| <p>Groundbreaking: October 1983 Finish date: March 1985 Construction time: 17 months</p> | <p>Design capacity: 289 Total cost: \$2,100,000 Total annual operating costs: \$1,260,274</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,100,000 Building only: \$2,078,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$7,266 Total per GSF: \$75.45 Total annual operating costs: \$1,260,274</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 27,832 Gross square feet/other: 0 Gross square feet/total: 27,832 Housing area square feet: 21,000 Gross square feet per inmate: 96 Size of cells: 96 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside; dorms, outside Cells per unit: 4 Inmates per unit: 92 Management type: Intermittent surveillance; remote surveillance March 1987 population: 270 Facility commitment: Local jail inmates Means to handle crowding: Transfer to other facility</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 20% Medium: 80% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Architectural precast Interior walls: CMU block Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: Local funds; Federal funds; Certificates of Obligation Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic smoke removal system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 12 Double occupancy: 0 Dorms: 276 Special housing: 1 General population: 288 Total: 289</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 39 Programs/treatment: 1 Maintenance: 0 Total: 42 Current inmate/staff ratio: 6.43:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; labor problems</p> |

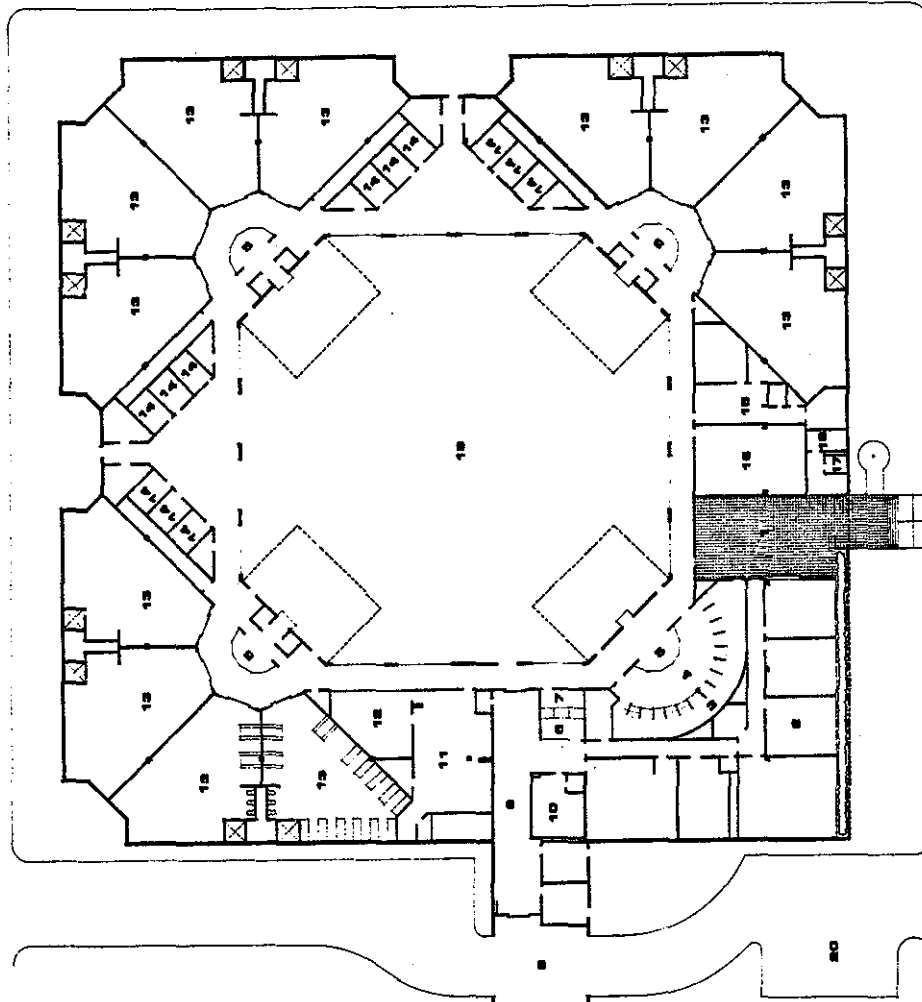


FLOOR PLAN
4 5/16" = 1' 0"
GRAPHIC SCALE

- INDEX**
- 1 LOBBY
 - 2 ADMINISTRATION
 - 3 PUBLIC VISITING
 - 4 INMATE VISITING
 - 5 CONTROL
 - 6 ATTORNEY VISITING
 - 7 PRIMATE VISITING
 - 8 SALLY PORT
 - 9 RECEIVING
 - 10 PROCESSING
 - 11 KITCHEN
 - 12 TRUSTEE DINING
 - 13 28 MAN DORM
 - 14 SEPARATION CELLS
 - 15 EXAMINATION ROOM
 - 16 MULTI-PURPOSE
 - 17 MEN
 - 18 WOMEN
 - 19 EXERCISE COURT
 - 20 PARKING

AREA : 41,022 SF
INMATE POPULATION: 682

18TH STREET



Chambers County Law Enforcement Center

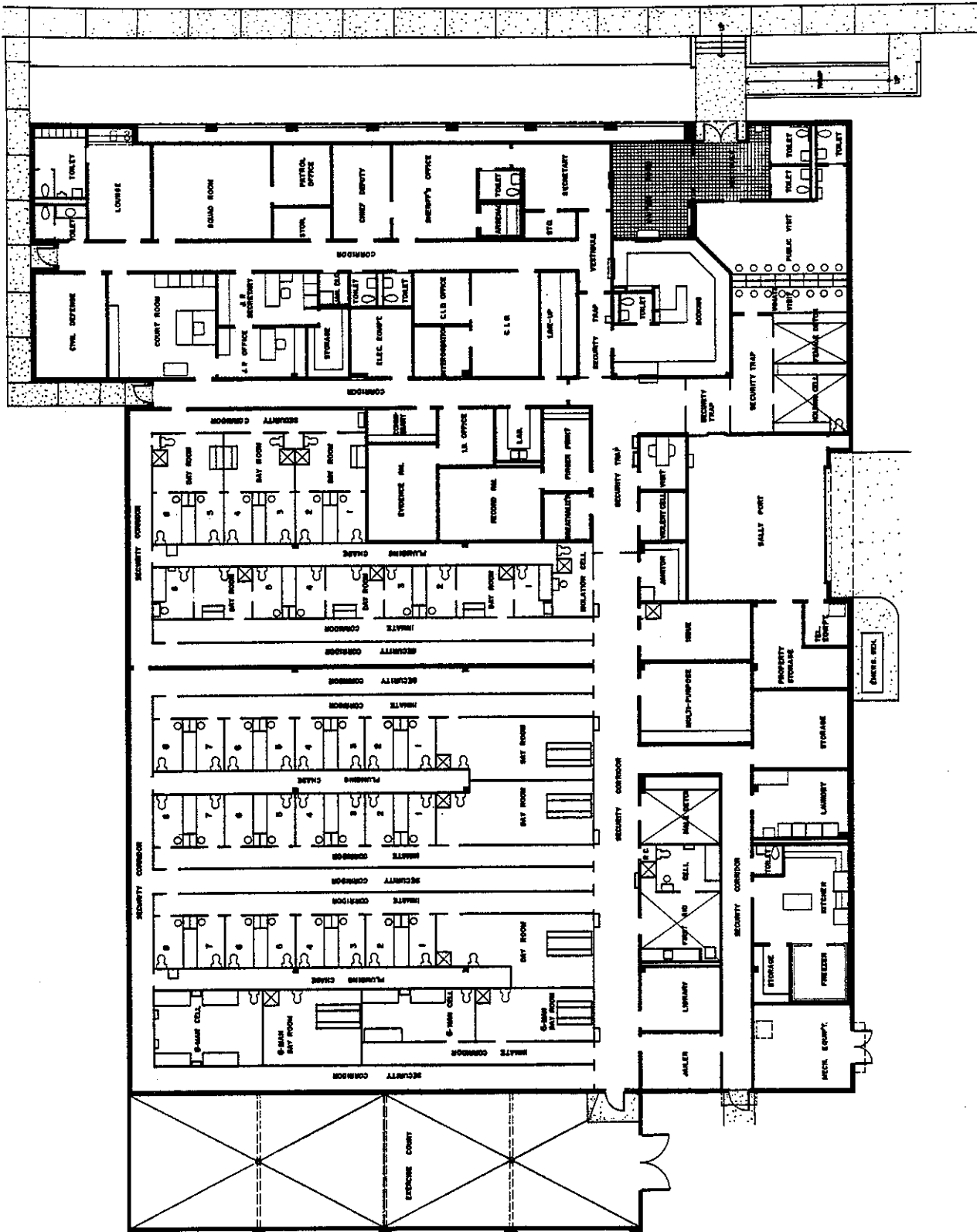
Jurisdiction official: C.E. "Chuck" Morris, Sheriff

Contact: Captain Jackie O. Wheat, Jail Administrator, Chambers County Law Enforcement Center, P.O. Box 998, 201 North Court, Anahuac, TX 77514, 409-267-6761

Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032

Construction manager: None

| | | |
|---|--|--|
| <p>Groundbreaking: December 1981 Finish date: May 1983 Construction time: 17 months</p> | <p>Design capacity: 75 Total cost: \$1,956,000 Total annual operating costs: \$1,200,000</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,956,000 Building only: \$1,932,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$72.44 Total annual operating costs: \$1,200,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 19,500 Gross square feet/other: 7,500 Gross square feet/total: 27,000 Housing area square feet: 9,100 Gross square feet per inmate: 260 Size of cells: 55 square feet (gen. single); 81 (spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 8 Inmates per unit: 8 Management type: Intermittent surveillance September 1986 population: 52 Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 75% Medium: 25% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Architectural precast Interior walls: CMU block; steel in detention area Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic smoke removal system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 36 Double occupancy: 0 Dorms: 14 Special housing: 25 General population: 50 Total: 75</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 8 Security: 26 Programs/treatment: 0 Maintenance: 1 Total: 35 Current inmate/staff ratio: 1.49:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Slow construction, lengthy building time; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Labor problems</p> |



Coffield Unit

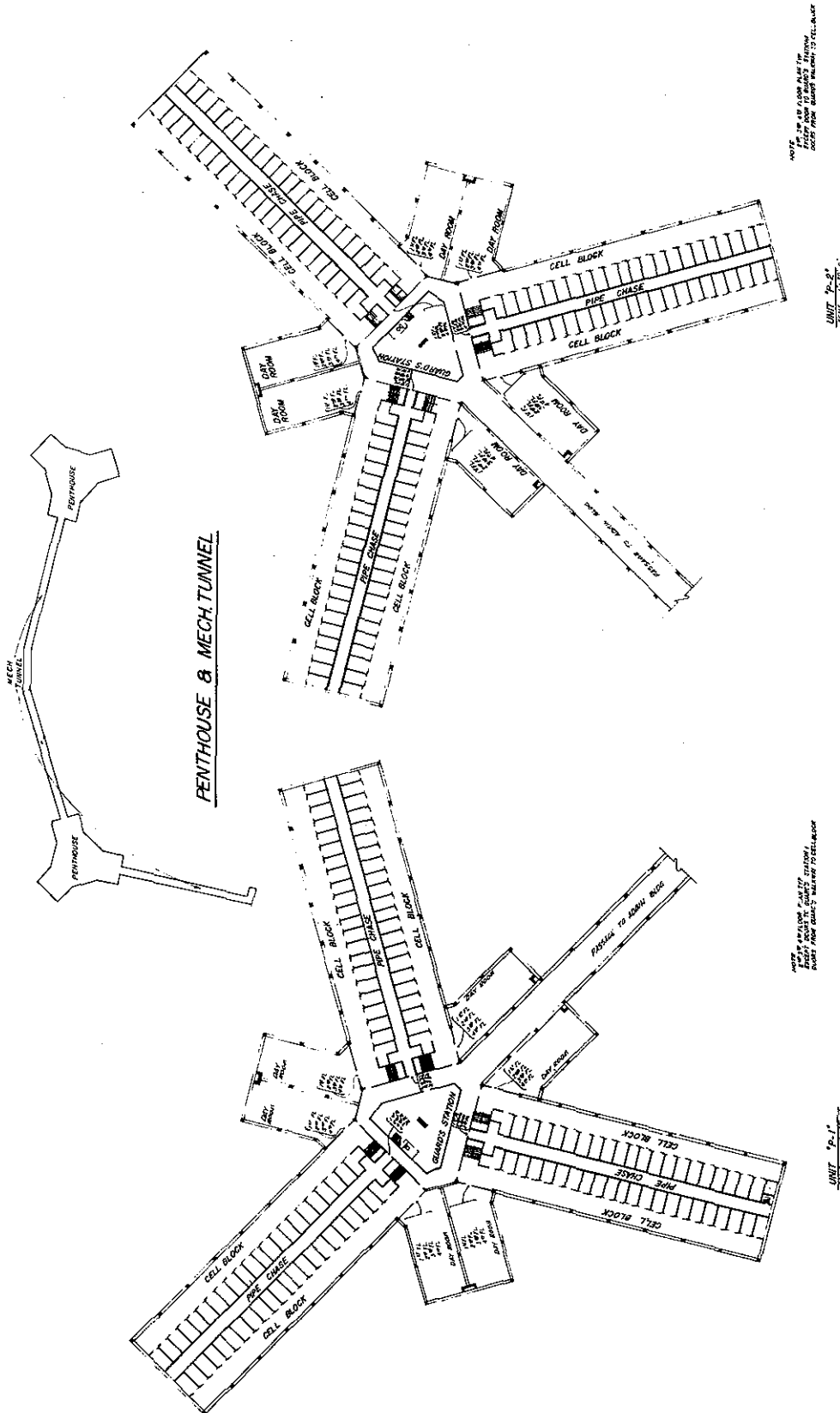
Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

Contact: Warden J.E. Alford, Coffield Unit, Route 1, Box 150, Tennessee Colony, TX 75861, 214-928-2211

Architect: George Dahl, Architects & Engineers (no longer in business)

Construction manager/General contractor: Texas Department of Corrections, New Construction Department, P.O. Box 99, N/C Huntsville, TX 77340, 409-295-6371

| | | |
|---|---|---|
| Groundbreaking: July 1965 Finish date: July 1979 Construction time: 168 months | Design capacity: 3,783 Total cost: \$12,641,281 Total annual operating costs: Unknown | Category: New, independent facility Facility type: State prison Building configuration: Wheel, spoke or radial |
| Costs Total: \$12,641,281 Building only: Unknown Housing area: \$10,239,438 Housing per inmate: \$3,801 Housing per cell: \$8,670 Total per inmate: \$3,342 Total per GSF: \$18.22 Total annual operating costs: Unknown | Dimensions Gross square feet/corrections: 693,642 Gross square feet/other: 0 Gross square feet/total: 693,642 Housing area square feet: 564,879 Gross square feet per inmate: 183 Size of cells: 45 square feet (double); 9,000 (dorms) Net/gross square feet: Unknown | Inmate housing areas Design: Linear, inside Cells per unit: 126 Inmates per unit: 252 Management type: Intermittent surveillance October 1987 population: 2,832 Facility commitment: State prisoners Means to handle crowding: Unknown |
| Security Perimeter: Double fence; alarm/detection systems; razor wire on fences; towers; patrols; camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0 | Construction type Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete; brick Interior walls: Cast-in-place concrete; CMU block; brick Exterior surface/facade: Brick | Construction process Finance method: State funds Contract method: Conventional; inmate labor Use of inmate labor: 100% Use of prefabrication: Limited; jail steel |
| Inmate cells Doors/material: Steel Doors/type: Swinging Doors/locking: Motor driven and remote locking Floor surface: Carpet; epoxy coating; sealed concrete; vinyl tile Intercom: One-way to common areas HVAC: Heating/air circulation; steam heat; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Manual alarm stations; fire hose cabinets | Inmate design capacity Single occupancy: 0 Double occupancy: 2,354 Dorms: 340 Special housing: 1,089 General population: 2,694 Total: 3,783 Current staff Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown | Architect's reported analyses Factors affecting construction costs: Positive: Prefab. components, factory assembly; repetitiveness of design; inmate labor Negative: Slow construction; difficult site conditions; government red tape; complex electronic and mechanical systems Factors affecting time schedule: Positive: Use of prefab. components, factory assembly; simple const. methods; advanced order of materials; coordination of design between parties Negative: Slow delivery from vendors; labor problems; weather problems; complex electronic and mechanical systems; inmate labor |



Comal County Jail

Jurisdiction official: Walter Fellers, Sheriff

Contact: Walter Sumner, Jail Administrator, Comal County Jail, 3005 West San Antonio Street, New Braunfels, TX 78130, 512-625-9141

Architect: Christopher Di Stefano & Associates Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032

Construction manager: None

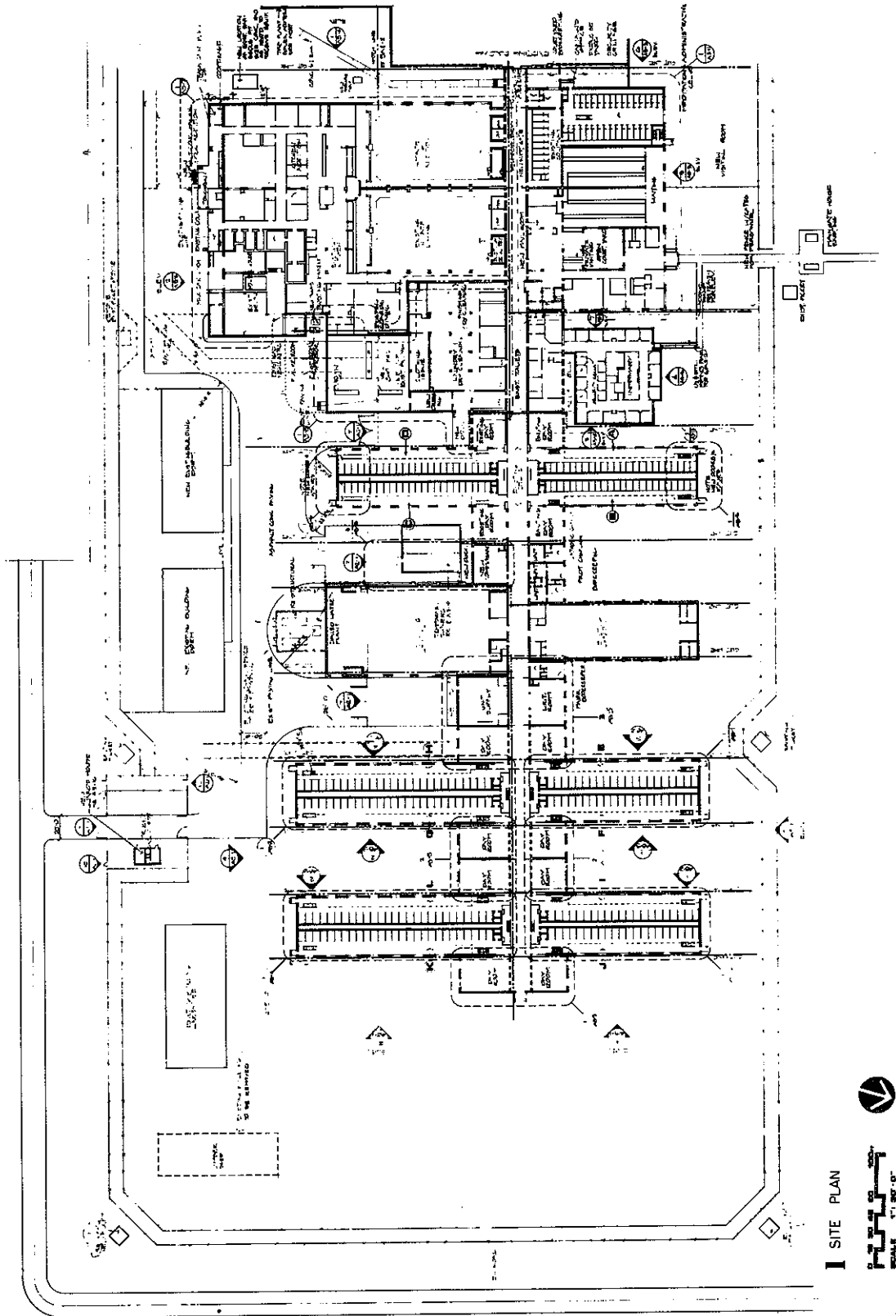
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| <p>Groundbreaking: February 1984 Finish date: June 1985 Construction time: 16 months</p> | <p>Design capacity: 184 Total cost: \$2,727,000 Total annual operating costs: \$764,461</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,727,000 Building only: \$2,706,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$68.15 Total annual operating costs: \$764,461</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 31,912 Gross square feet/other: 8,100 Gross square feet/total: 40,012 Housing area square feet: 23,589 Gross square feet per inmate: 173 Size of cells: 66 square feet (single); 112 (spec. single); 305 (spec. dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 7 Inmates per unit: 7 Management type: Intermittent surveillance September 1987 population: 126 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 34% Medium: 66% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Architectural precast Interior walls: CMU block; steel in detention area Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: Local funds; Certificates of Obligation Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic smoke removal system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 47 Double occupancy: 0 Dorms: 96 Special housing: 39 General population: 145 Total: 184</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 27 Programs/treatment: 3 Maintenance: 0 Total: 31 Current inmate/staff ratio: 4.06:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; labor problems; weather problems</p> |

Darrington Unit (Addition/Remodel/Expansion)

Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

Contact: Warden Keith Price, Ph.D., Darrington Unit, Rt. 3, Box 59, Rosharon, TX 77583, 713-595-3465
Architect: W. Gene Williams & Associates, Inc., 3000 South Post Oak—1470, Houston, TX 77056, 713-440-4422
Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: May 1980 Finish date: May 1987 Construction time: 84 months</p> | <p>Design capacity: 1,344 Total cost: \$11,030,238 Total annual operating costs: Unknown</p> | <p>Category: New, ancillary building; remodel/renovation; expansion Facility type: State prison Building configuration: Ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$11,030,238 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (remodel) Total per GSF: \$60.39 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 182,640 Gross square feet/other: 0 Gross square feet/total: 182,640 Housing area square feet: 113,030 Gross square feet per inmate: 136 Size of cells: 55 square feet (double); 2,665 (dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: Unknown Inmates per unit: Unknown Management type: Intermittent surveillance May 1987 population: 1,710 Facility commitment: State prisoners Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences; towers; patrols; camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete; CMU block; brick Interior walls: Cast-in-place concrete; CMU block; brick Exterior surface/facade: Brick; paint</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: 100% Use of prefabrication: Limited; jail steel fronts and doors</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete; vinyl tile Intercom: One-way to common areas HVAC: Heating/air circulation; steam heat; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Manual alarm stations; fire hose cabinets</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 1,128 Dorms: 152 Special housing: 74 General population: 1,270 Total: 1,344</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 50 Security: 428 Programs/treatment: 80 Maintenance: 45 Total: 603 (entire facility) Current inmate/staff ratio: 2.84:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefab. components, factory assembly; repetitiveness of design; inmate labor Negative: Difficult site conditions; government procedures and red tape; complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Use of prefab. components; simple const. methods; repetitiveness of design; advanced order of materials and hardware Negative: Slow delivery from suppliers; government red tape; complex electronic and mechanical systems; inmate labor</p> |



Diagnostic Unit (Addition)

Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

Contact: Warden Billy R. Ware, Diagnostic Unit, P.O. Box 100, Huntsville, TX 77340, 409-295-5768

Architect: O'Neill, Conrad, Oppelt & Joneskell, Inc., 100 West Olmos, San Antonio, TX 78212, 512-829-1737

Construction manager: Lebco Construction Company, P.O. Box 771949, Houston, TX 77215, 713-781-9501

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|---|--|---|
| <p>Groundbreaking: December 1984 Finish date: February 1986 Construction time: 14 months</p> | <p>Design capacity: 448 Total cost: \$7,224,119 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$7,224,119 Building only: \$7,000,000 Housing area: \$3,500,000 Housing per inmate: \$7,812 Housing per cell: \$7,812 Total per inmate: \$16,125 Total per GSF: \$173.66 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 41,600 Gross square feet/other: 0 Gross square feet/total: 41,600 Housing area square feet: 41,600 Gross square feet per inmate: 93 Size of cells: 72.6 square feet (double) Net/gross square feet: 73%</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: Unknown Inmates per unit: Unknown Management type: Intermittent surveillance November 1987 population: 413 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fences Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Brick Interior walls: Cast-in-place concrete, precast concrete Exterior surface/facade: Brick; paint</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; jail steel</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: One-way to cells and common areas HVAC: Heating/air circulation Plumbing: Stainless combination unit Furniture: Steel Intercom: One-way to cells and common areas Fire protection: Smoke detectors for common areas; manual alarm stations; fire hose cabinets</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 448 Dorms: 0 Special housing: 0 General population: 448 Total: 448</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 36 Programs/treatment: 3 Maintenance: 0 Total: 43 (addition only) Current inmate/staff ratio: 9.6:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly Negative: Government procedures, regulations and red tape</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; advanced order of materials and hardware Negative: Slow responses and delivery from vendors, suppliers</p> |

(No floorplan available at time of publication)

Ellis II Unit (Phase I and II)

Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

Contact: Warden Randy McLeod, Ellis II Unit, P.O. Box 6438, Huntsville, TX 77340, 409-291-4200
Architect: Lawrence D. White & Associates, Inc., P.O. Box 17148, Fort Worth, TX 76102, 817-332-7101
Construction manager: 3D International, 2700 South Post Oak Road, Houston, TX 77056, 713-622-5030

| | | |
|---|---|---|
| <p>Groundbreaking: March 1983 Finish date: December 1984 Construction time: 21 months</p> | <p>Design capacity: 2,358 Total cost: \$43,941,497 Total annual operating costs: \$21,271,082</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$43,941,497 Building only: \$39,963,266 Housing area: \$15,607,746 Housing per inmate: \$6,882 Housing per cell: \$13,763 Total per inmate: \$18,635 Total per GSF: \$99.65 Total annual operating costs: \$21,271,082</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 440,968 Gross square feet/other: 0 Gross square feet/total: 440,968 Housing area square feet: 204,480 Gross square feet per inmate: 187 Size of cells: 60 square feet (double); 78 (spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 126 Inmates per unit: 252 Management type: Intermittent surveillance July 1986 population: 1,750 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; razor wire on fence; towers; patrols Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Unknown Exterior walls: Architectural precast Interior walls: Precast panels; CMU block; gypsum board on metal studs Exterior surface/facade: Natural wall</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional; construction management fast track Use of inmate labor: None Use of prefabrication: Extensive; precast concrete panels, columns, and beams</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: None HVAC: Heating/air circulation Plumbing: Stainless combination unit Furniture: Steel Fire protection: Manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 2,268 Dorms: 0 Special housing: 90 General population: 2,268 Total: 2,358</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; simple construction methods; fast track CM; good competition, favorable market Negative: None</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; repetitiveness of design; phased construction; advanced order of materials and hardware; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers</p> |
| | <p>Current staff</p> <p>Full-time equivalent: Administration: 47 Security: 478 Programs/treatment: 167 Maintenance: 12 Total: 704 Current inmate/staff ratio: 2.49:1</p> | |

(No floorplan available at time of publication)

Fayette County Detention Center

Jurisdiction official: V.K. Koopmann, Sheriff

Contact: Sheriff V.K. Koopmann, Fayette County Detention Center, P.O. Box 112, La Grange, TX 78945, 409-968-5856

Architect: Edward Mattingly Associates, Inc., P.O. Box 576, La Grange, TX 78945, 409-968-5163

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: July 1984 Finish date: August 1985 Construction time: 13 months</p> | <p>Design capacity: 61 Total cost: \$1,455,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: Complex: county jail, State Department of Public Safety; Justice of Peace Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,455,000 Building only: \$1,295,000 Housing area: \$700,000 Housing per inmate: \$11,475 Housing per cell: \$25,000 Total per inmate: N/A (complex) Total per GSF: \$105.34 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 13,812 Gross square feet/other: 0 Gross square feet/total: 13,812 Housing area square feet: 6,724 Gross square feet per inmate: 226 Size of cells: 65 square feet (single); 332 square feet (dorm) Net/gross square feet: 88%</p> | <p>Inmate housing areas</p> <p>Design: Radial Cells per unit: 24 Inmates per unit: 46 Management type: Direct supervision; remote surveillance October 1985 population: 35 Facility commitment: Local jail inmates; State prisoners; Federal prisoners Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 40% Medium: 55% Minimum: 5%</p> | <p>Construction type</p> <p>Structural: Load bearing CMU Exterior walls: CMU block, fluted and stucco Interior walls: CMU block and steel Exterior surface/facade: Stucco; fluted CMU</p> | <p>Construction process</p> <p>Finance method: Certificates of Obligation by county Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited, prefabricated steel detention equipment</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; small air cooled split system heat pumps Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm station; positive smoke removal system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 18 Double occupancy: 4 Dorms: 8 Other: 16 Special housing: 15 General population: 46 Total: 61</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 15 Programs/treatment: 2 Maintenance: 0 Total: 21 Current inmate/staff ratio: 1.67:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components for cell areas; load bearing CMU firewalls, steel joists, metal deck, B.U. roof, insulated; good competition; less expensive materials and hardware; innovative planning Negative: Complex electronic, mechanical, and electrical systems, and smoke removal system; strict local codes Factors affecting time schedule: Positive: Steel modular single cells; simple construction methods; cooperation between county and State officials Negative: Slow delivery of detention equipment; weather problems</p> |

(No floorplan available at time of publication)

Federal Correctional Institution

Jurisdiction official: J. Michael Quinlan, Director, Bureau of Prisons

Contact: Warden Fred J. Stock, Federal Correctional Institution, Bastrop, TX 78602, 512-321-3903
Architect: CRS Group, 1111 West Loop Street, P.O. Box 22427, Houston, TX 77027, 713-552-2000
Construction manager: Robert E. McGee, Inc., 2608 Inwood Road, Dallas, TX 75235, 214-357-4381

| | | |
|---|--|--|
| <p>Groundbreaking: September 1976 Finish date: August 1979 Construction time: 35 months</p> | <p>Design capacity: 501 Total cost: \$10,950,000 Total annual operating costs: \$7,284,000</p> | <p>Category: New, independent facility Facility type: Federal prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$10,950,000 Building only: \$10,550,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$21,856 Total per GSF: \$54.49 Total annual operating costs: \$7,284,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 200,950 Gross square feet/other: 0 Gross square feet/total: 200,950 Housing area square feet: Unknown Gross square feet per inmate: 401 Size of cells: Unknown Net/gross square feet: 74%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 112 Inmates per unit: 112 Management type: Direct supervision October 1985 population: 620 Facility commitment: Federal prisoners Means to handle crowding: Bunk beds in cell</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection system Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Load bearing reinforced masonry; wood trusses; concrete Exterior walls: Load bearing masonry Interior walls: Load bearing masonry Exterior surface/facade: Rough-saw cedar</p> | <p>Construction process</p> <p>Finance method: Federal funds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Vinyl tile Intercom: None HVAC: Air conditioning Plumbing: China Furniture: Wood Fire protection: Smoke detectors in common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 460 Double occupancy: 0 Dorms: 0 Special housing: 41 General population: 460 Total: 501</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 4 Security: 107 Programs/treatment: 10 Maintenance: 19 Total: 140 Current inmate/staff ratio: 4.43:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Unknown Negative: Unknown</p> <p>Factors affecting time schedule: Positive: Unknown Negative: Demolition of existing structures; site and utility work</p> |

(No floorplan available at time of publication)

Ferguson Unit (Remodel/Expansion)

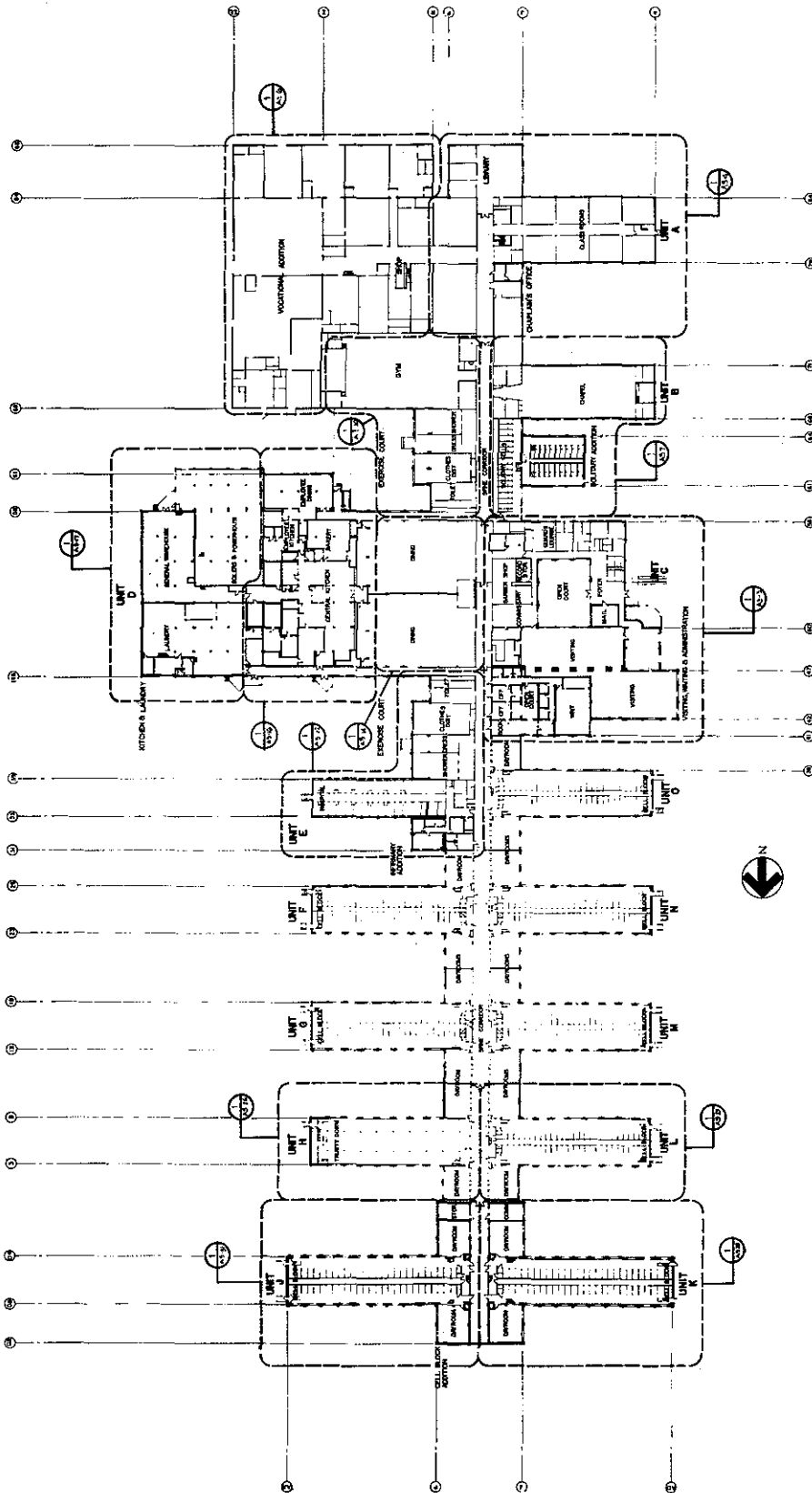
Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

Contact: Charles A. Blanchette, Warden-II, Ferguson Unit, Route 2, Box 20, Midway, TX 75852, 409-348-3751

Architect: Lawrence D. White & Associates, Inc., P.O. Box 17148, Fort Worth, TX 76102, 817-877-0685

Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: May 1981 Finish date: May 1985 Construction time: 48 months</p> | <p>Design capacity: 656 Total cost: \$32,000,000 Total annual operating costs: N/A (expansion)</p> | <p>Category: Remodeling/renovation project; expansion project Facility type: State prison Building configuration: Ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$32,000,000 Building only: \$32,000,000 Housing area: \$5,083,677 Housing per inmate: \$8,147 Housing per cell: \$16,294 Total per inmate: N/A (remodel) Total per GSF: \$63.87 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 501,000 Gross square feet/other: 0 Gross square feet/total: 501,000 Housing area square feet: 181,871 Gross square feet per inmate: 764 Size of cells: 66.5 (double); 65 (spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 78 Inmates per unit: 156 Management type: Intermittent surveillance February 1987 population: 656 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fences; towers; patrols; alarm/detection systems Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame; precast concrete frame Exterior walls: CMU block; brick Interior walls: Precast panels; cast-in-place concrete; CMU block; brick Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional design; prisoner labor Use of inmate labor: Extensive; inmates acted as labor force Use of prefabrication: Moderate; precast panels for cells</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: None HVAC: Heating/air circulation; other energy recycle unit; four 30,000 gal. water storage tanks, two solar heated Plumbing: Stainless combination unit Furniture: Steel Fire protection: Manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 624 Dorms: 0 Special housing: 32 General population: 624 Total: 656</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 20 Programs/treatment: N/A Maintenance: N/A Total: 20 (expansion only) Current inmate/staff ratio: 33:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; simple construction methods, repetitiveness of design; owner furnished most building materials (i.e. brick, CMU, precast, jail steel, bunks, toilet units, tables, and chairs) Negative: Slow construction due to prisoner labor</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; labor problems</p> |



Fort Bend County Jail

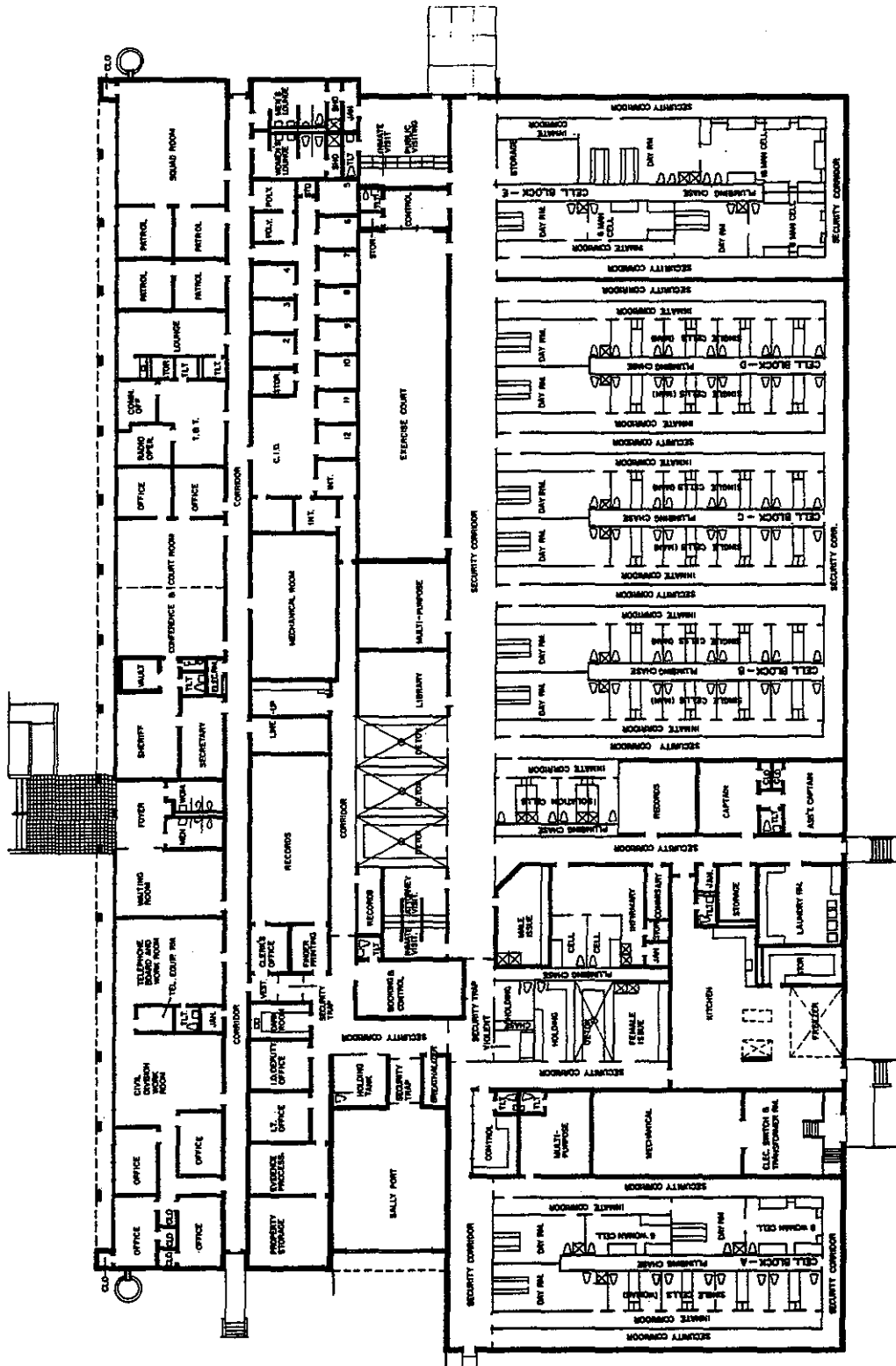
Jurisdiction official: Gus George, Sheriff

Contact: Captain Tom Sparkman, Fort Bend County Jail, 1410 Ransom Road, Richmond, TX 77469, 713-341-4611

Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: July 1979 Finish date: September 1980 Construction time: 14 months</p> | <p>Design capacity: 166 Total cost: \$3,139,000 Total annual operating costs: \$1,421,613</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,139,000 Building only: \$3,038,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$61.50 Total annual operating costs: \$1,421,613</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 33,520 Gross square feet/other: 15,000 Gross square feet/total: 48,520 Housing area square feet: 20,848 Gross square feet per inmate: 202 Size of cells: 55 square feet (single); 75 (spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 16 Inmates per unit: 16 Management type: Intermittent surveillance September 1987 population: 157 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior only; video camera surveillance Inmate security level: Maximum: 33% Medium: 67% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Architectural precast Interior walls: CMU block; steel in detention area Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic smoke removal system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 56 Double occupancy: 0 Dorms: 44 Special housing: 66 General population: 100 Total: 166</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 6 Security: 26 Programs/treatment: 4 Maintenance: 2 Total: 38 Current inmate/staff ratio: 4.13:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers</p> |



Fort Bend County Jail (Expansion)

Jurisdiction official: Gus George, Sheriff

Contact: Captain Tom Sparkman, Fort Bend County Jail, 1410 Ransom Road, Richmond, TX 77469, 713-341-4611
Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032
Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: July 1983 Finish date: August 1984 Construction time: 13 months</p> | <p>Design capacity: 127 Total cost: \$1,140,000 Total annual operating costs: \$1,421,613 (entire facility)</p> | <p>Category: Expansion project Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,140,000 Building only: \$1,105,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$8,976 Total per GSF: \$68.47 Total annual operating costs: \$1,421,613 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 16,650 Gross square feet/other: 0 Gross square feet/total: 16,650 Housing area square feet: 16,650 Gross square feet per inmate: 131 Size of cells: 75 square feet (spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: Unknown Inmates per unit: Unknown Management type: Intermittent surveillance September 1987 population: 82 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 5% Medium: 95% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Architectural precast Interior walls: CMU block; steel in detention area Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel; concrete Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic smoke removal system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 124 Special housing: 3 General population: 124 Total: 127</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 0 Security: 3 Programs/treatment: 0 Maintenance: 0 Total: 3 (expansion only) Current inmate/staff ratio: 27.33:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers</p> |

(No floorplan available at time of publication)

Freeport Police and Courts Building

Jurisdiction official: Charles G. Bankston, Chief of Police

Contact: Chief Charles G. Bankston, Freeport Police and Courts Building, 430 North Brazosport Boulevard, Freeport, TX 77541, 409-239-1211

Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032

Construction manager: None

| | | |
|---|---|---|
| <p>Groundbreaking: June 1978 Finish date: July 1979 Construction time: 13 months</p> | <p>Design capacity: 21 Total cost: \$710,400 Total annual operating costs: \$71,950</p> | <p>Category: New, independent facility Facility type: Complex: city jail, law enforcement, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$710,400 Building only: \$680,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$59.20 Total annual operating costs: \$71,950</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 3,300 Gross square feet/other: 8,700 Gross square feet/total: 12,000 Housing area square feet: 1,050 Gross square feet per inmate: 157 Size of cells: 63 square feet (single); 85 (double); 153 (dorm) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 6 Inmates per unit: 6 Management type: Intermittent surveillance September 1986 population: 8 Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Sealed concrete Intercom: None HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 2 Double occupancy: 4 Dorms: 8 Special housing: 7 General population: 14 Total: 21</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 6 Security: 28 Programs/treatment: 0 Maintenance: 2 Total: 36 Current inmate/staff ratio: 0.22:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: None</p> |

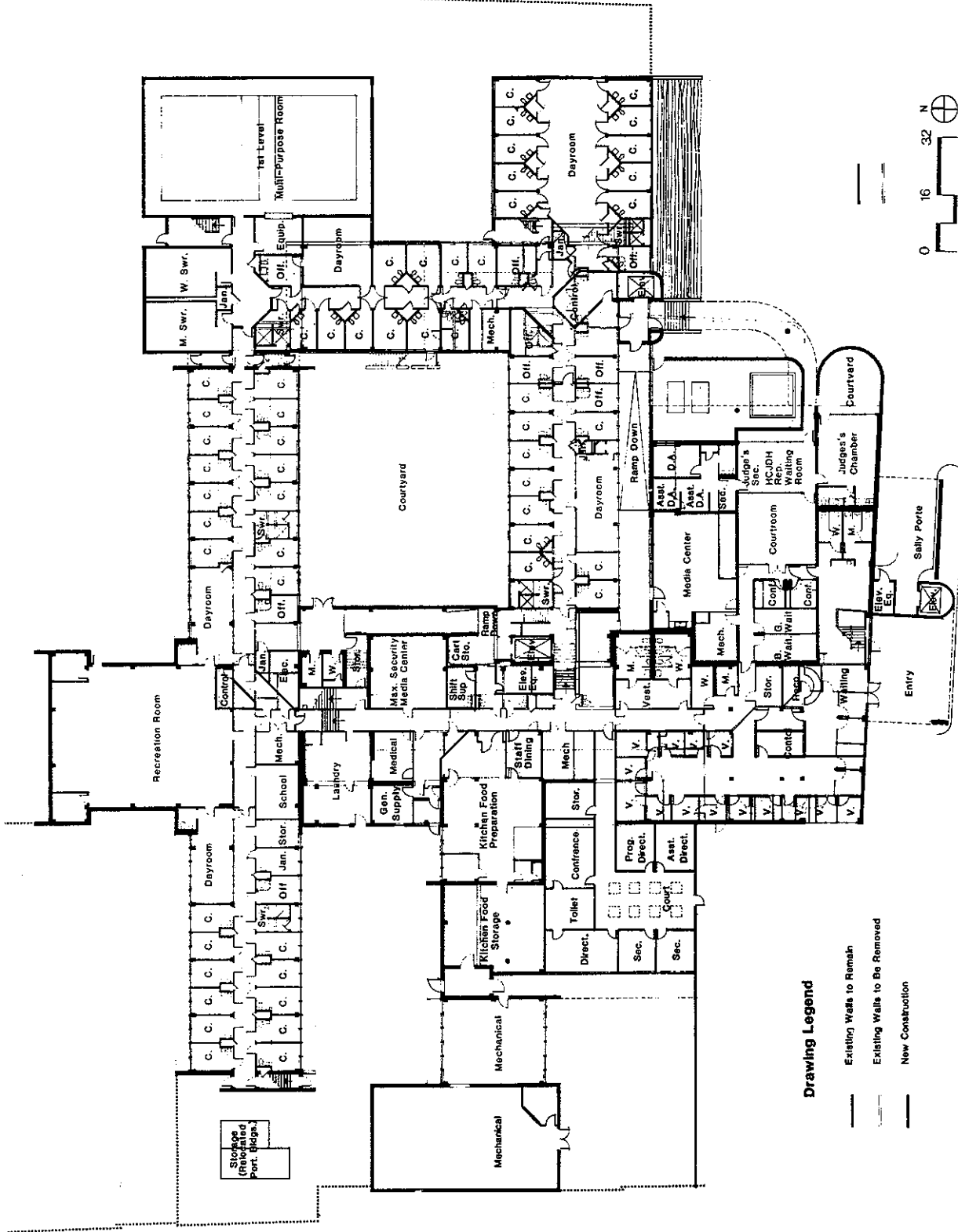
(No floorplan available at time of publication)

Harris County Juvenile Detention Home (Remodel/Expansion)

Jurisdiction official: John A. Cocoros, Chief Probation Officer

Contact: James K. Martins, Director, Harris County Juvenile Detention Home, 3540 West Dallas, Houston TX 77019, 713-521-4232
Architect: Golemon & Rolfe Associates, Inc., 1600 Smith Street, 36th Floor, Houston, TX 77002, 713-655-9988
Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: June 1982 Finish date: May 1985 Construction time: 35 months</p> | <p>Design capacity: 198 Total cost: \$10,200,000 Total annual operating costs: \$4,110,657 (entire facility)</p> | <p>Category: Remodeling/renovation project; expansion Facility type: Complex: county jail, law enforcement, courts, juv. detention Building configuration: Int. structure; high rise; wheel, spoke or radial</p> |
| <p>Costs</p> <p>Total: \$10,200,000 Building only: \$9,900,000 Housing area: \$6,500,000 Housing per inmate: \$32,828 Housing per cell: \$32,828 Total per inmate: N/A (complex) Total per GSF: \$92.73 Total annual operating costs: \$4,110,657 (entire facility)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 72,600 Gross square feet/other: 37,400 Gross square feet/total: 110,000 Housing area square feet: 72,600 Gross square feet per inmate: 367 Size of cells: 82 square feet (single) Net/gross square feet: 83%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside; module/pod Cells per unit: 30 Inmates per unit: 30 Management type: Intermittent surveillance; remote surveillance July 1986 population: 88 Facility commitment: Juvenile detainees Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection systems; video camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame; cast-in-place concrete frame Exterior walls: Brick; preformed metal siding Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Linoleum; carpet; sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; heating/air circulation Plumbing: Stainless steel Furniture: Steel; wood; vinyl/plastic Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 198 Double occupancy: 0 Dorms: 0 Special housing: 0 General population: 198 Total: 198</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 18 Security: 68 Programs/treatment: 19 Maintenance: 10 Total: 115 (entire facility) Current inmate/staff ratio: 0.77:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Difficult site conditions; complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Slow responses and delivery from vendors; complex electronic and mechanical systems</p> |

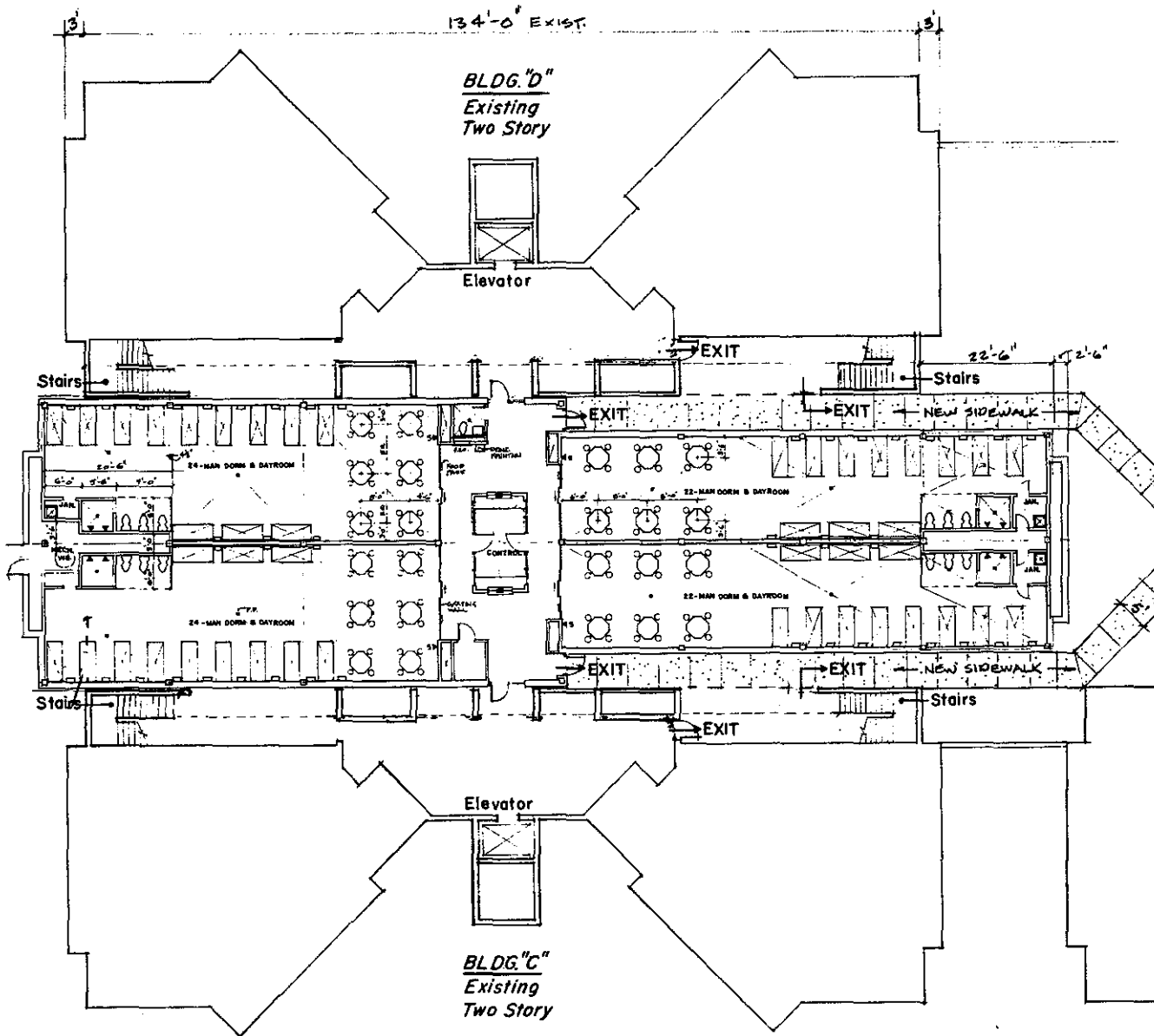


Hidalgo County Jail (Expansion)

Jurisdiction official: Brigido Marmelejo, Sheriff

Contact: Captain Juan Ramon Perez, Hidalgo County Jail, Courthouse, P.O. Box 359, Edinburg, TX 78539, 512-383-2751
Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032
Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: September 1984 Finish date: October 1985 Construction time: 13 months</p> | <p>Design capacity: 184 Total cost: \$853,600 Total annual operating costs: N/A (expansion)</p> | <p>Category: Expansion project Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$853,600 Building only: \$849,000 Housing area: \$849,000 Housing per inmate: \$4,614 Housing per cell: \$106,125 Total per inmate: \$4,639 Total per GSF: \$61.94 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 13,780 Gross square feet/other: 0 Gross square feet/total: 13,780 Housing area square feet: 13,780 Gross square feet per inmate: 75 Size of cells: Unknown Net/gross square feet: Unknown</p> <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick Interior walls: CMU block Exterior surface/facade: Brick veneer with concrete block backup</p> <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 184 Special housing: 0 General population: 184 Total: 184</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 14 Programs/treatment: 1 Maintenance: 5 Total: 22 Current inmate/staff ratio: 12.5:1</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 2 Inmates per unit: 92 Management type: Intermittent surveillance September 1987 population: 275 (entire facility) Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> <p>Construction process</p> <p>Finance method: G.O. Bonds; Federal funds; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | | |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic smoke removal system</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: None</p> |



Hunt County Criminal Justice Center

Jurisdiction official: Bobby Young, Sheriff

Contact: Sheriff Bobby Young, Hunt County Criminal Justice Center, 2700 Johnson Street, Greenville, TX 75401, 214-455-3502
Architect: Hobbs/Wiginton/Fawcett—Architects & Planners, Suite 2, 3511 Cedar Springs, Dallas, TX 75219, 214-855-5155
Construction manager: North Texas Construction Company, 4100 Frisco Road, Sherman, TX 75090, 214-893-4362

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|---|---|--|
| <p>Groundbreaking: December 1982 Finish date: June 1984 Construction time: 19 months</p> | <p>Design capacity: 109 Total cost: \$2,845,000 Total annual operating costs: \$256,200 (jail only)</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement, courts Building configuration: Courtyard</p> |
| <p>Costs</p> <p>Total: \$2,845,000 Building only: Unknown Housing area: \$2,000,000 Housing per inmate: \$27,027 Housing per cell: \$45,455 Total per inmate: N/A (complex) Total per GSF: \$86.74 Total annual operating costs: \$256,200 (jail only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 23,800 Gross square feet/other: 9,000 Gross square feet/total: 32,800 Housing area square feet: 18,680 Gross square feet per inmate: 218 Size of cells: 72 square feet (single) Net/gross square feet: 85%</p> | <p>Inmate housing areas</p> <p>Design: Courtyard Cells per unit: 8 Inmates per unit: 8 Management type: Remote surveillance October 1985 population: 61 Facility commitment: Local jail inmates Means to handle crowding: None necessary</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 30% Medium: 30% Minimum: 40%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Brick Interior walls: Glazed structural tile Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Construction management Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: Two-way to cells HVAC: Air conditioning Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 38 Double occupancy: 0 Dorms: 36 Special housing: 35 General population: 74 Total: 109</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 14 Programs/treatment: 0 Maintenance: 1 Total: 16 (jail only) Current inmate/staff ratio: 3.81:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: None Negative: Complex electronic, mechanical, and electrical systems</p> |

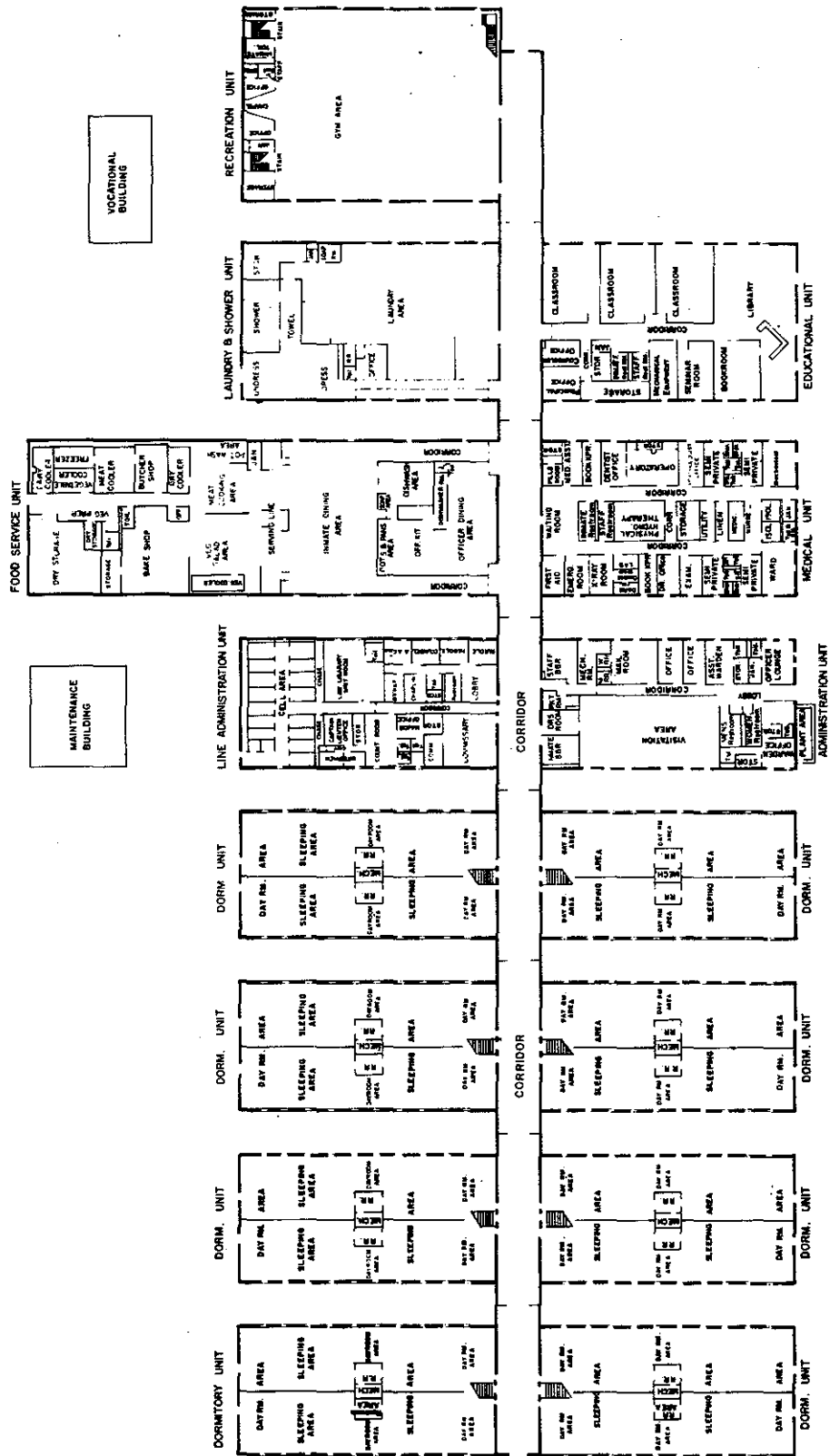
(No floorplan available at time of publication)

Jester Unit Number 3

Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

Contact: Warden Morris M. Jones, Jester Unit Number 3, Route 2, Richmond, TX 77469, 713-491-1110
Architects: Barnes, Landes, Goodman, and Youngblood, 1600 West 38th Street, Suite 100, Austin, TX 78731, 512-451-8281
 Dahl-Braden-PTM, Inc., 1800 North Market Street, Dallas, TX 75202, 214-748-1466
Construction manager/General contractor: Texas Department of Corrections, New Construction Department, P.O. Box 99, N/C Huntsville, TX 77340, 409-295-6371

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|---|--|--|
| <p>Groundbreaking: August 1981 Finish date: July 1984 Construction time: 35 months</p> | <p>Design capacity: 1,060 Total cost: \$14,044,570 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Integrated structure; ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$14,044,570 Building only: Unknown Housing area: \$9,831,199 Housing per inmate: \$10,327 Housing per cell: \$655,413 Total per inmate: \$13,250 Total per GSF: \$98.49 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 142,596 Gross square feet/other: 0 Gross square feet/total: 142,596 Housing area square feet: 99,217 Gross square feet per inmate: 135 Size of cells: 64 square feet (spec. single); 3,640 (dorms) Net/gross square feet: 90%</p> | <p>Inmate housing areas</p> <p>Design: Dormitory style Cells per unit: Unknown Inmates per unit: 64 Management type: Remote surveillance September 1987 population: 990 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection systems; razor wire on fence; towers; patrols Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: "Sandwich panel" type metal buildings Interior walls: CMU block; jail steel Exterior surface/facade: Metal</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Turn-key design and build Use of inmate labor: None Use of prefabrication: Extensive; prefabricated metal buildings and jail steel</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete; hard floor wearing surface material Intercom: One-way to common areas HVAC: Heating/air circulation; gas heat Plumbing: China Furniture: Steel Fire protection: Manual alarm stations; fire hose reels</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 952 Special housing: 108 General population: 952 Total: 1,060</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Prefab. components; simple const. methods; phased const., fast track CM; favorable market; less expensive materials and hardware Negative: High labor costs; difficult site conditions; government red tape; complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Use of prefab. components; repetitiveness of design; phased const., fast track CM; advanced order of materials; coordination of design Negative: Slow delivery from suppliers; weather problems; government red tape</p> |



MAIN BUILDING COMPLEX
SCALE 1" = 30'-0"

Katy Police Department

Jurisdiction official: Pat Adams, Chief of Police

Contact: Chief Pat Adams, Katy Police Department, 5456 Franz Road, Katy, TX 77492, 713-391-9221

Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032

Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: June 1986 Finish date: April 1985 Construction time: 10 months</p> | <p>Design capacity: 21 Total cost: \$800,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: Complex: city jail; law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$800,000 Building only: \$751,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$67.80 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 2,491 Gross square feet/other: 9,309 Gross square feet/total: 11,800 Housing area square feet: 1,728 Gross square feet per inmate: 119 Size of cells: 84 square feet (double); 192 (dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 5 Inmates per unit: 12 Management type: Intermittent surveillance Current population: Unknown Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Video camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Architectural precast Interior walls: CMU block Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; smoke removal system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 8 Dorms: 4 Special housing: 9 General population: 12 Total: 21</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; labor problems</p> |

(No floorplan available at time of publication)

Lew Sterrett Justice Center

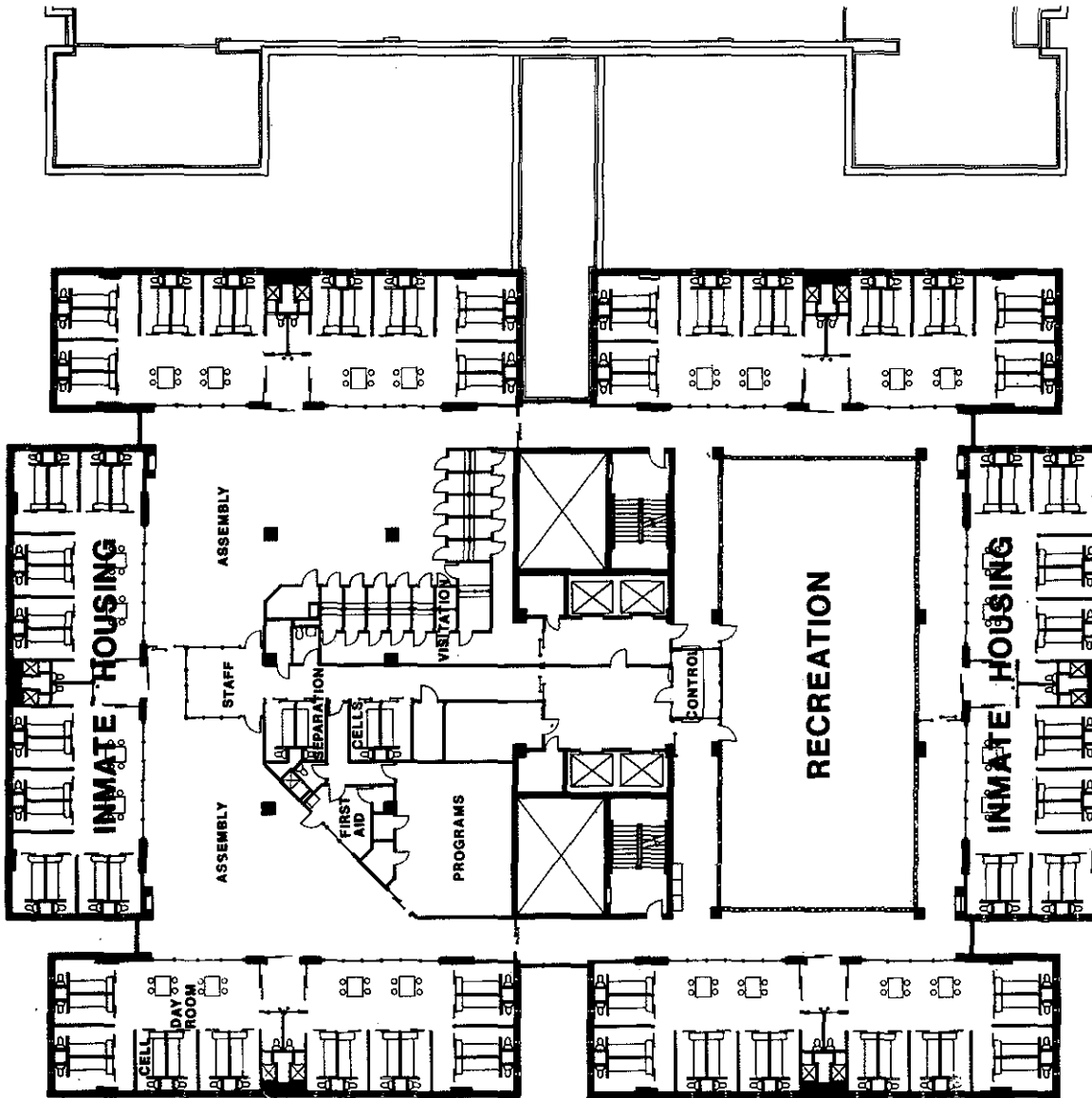
Jurisdiction official: Jim Bowles, Sheriff

Contact: Major Bob Knowles, Deputy Detentions Commander, Lew Sterrett Justice Center, 111 Commerce Street, Dallas, TX 75202, 214-749-6857

Architects: Dahl-Braden-PTM, Inc., 1800 North Market Street, Dallas, TX 75202, 214-720-0077
Justice Center Architects, 1800 North Market Street, Dallas, TX 75202

Construction manager: McKee/Mays, A Joint Venture, 2708 Inwood Road, Dallas, TX 75235, 214-357-4381

| | | |
|--|--|--|
| <p>Groundbreaking: March 1979 Finish date: November 1983 Construction time: 56 months</p> | <p>Design capacity: 1,162 Total cost: \$52,585,999 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility; phased project (future) Facility type: County jail; city jail Building configuration: High rise</p> |
| <p>Costs</p> <p>Total: \$52,585,999 Building only: \$48,538,833 Housing area: \$30,768,404 Housing per inmate: \$27,109 Housing per cell: \$37,522 Total per inmate: \$45,255 Total per GSF: \$111.85 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 470,165 Gross square feet/other: 0 Gross square feet/total: 470,165 Housing area square feet: 275,135 Gross square feet per inmate: 405 Size of cells: 63 square feet (single) Net/gross square feet: 85%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: Unknown Inmates per unit: Unknown Management type: Intermittent surveillance; remote surveillance July 1986 population: 856 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on fences; patrols; video camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Brick Interior walls: Structural glazed tile Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Local funds; shared cost from multiple jurisdictions Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: Limited; jail steel</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking; remote locking; manual locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning Plumbing: Stainless combination unit Furniture: Steel; structural glazed tile Fire protection: Smoke detectors for cells and common areas; manual alarm stations; smoke evacuation system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 800 Double occupancy: 0 Dorms: 335 Special housing: 27 General population: 1,135 Total: 1,162</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 19 Security: 464 Programs/treatment: 6 Maintenance: 0 Total: 489 Current inmate/staff ratio: 1.75:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Phased construction, fast track construction management; good competition, favorable market Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Coordination of design between parties Negative: Complex electronic, mechanical, and electrical systems</p> |



TYPICAL SINGLE CELL FLOOR PLAN
(SECOND THRU NINTH FLOORS)



Liberty County Jail (Remodel/Expansion)

Jurisdiction official: Sheriff E.W. Applebe, Sheriff

Contact: Captain A. G. Cleaveland, Jail Administrator, Liberty County Jail, 2113 Sam Houston, Liberty, TX 77575, 409-336-8906
Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032
Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: March 1984 Finish date: April 1985 Construction time: 13 months</p> | <p>Design capacity: 87 Total cost: \$1,610,000 Total annual operating costs: N/A (expansion)</p> | <p>Category: Remodeling/renovation project; expansion Facility type: Complex: county jail, law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,610,000 Building only: \$1,568,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$106.48 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 12,820 Gross square feet/other: 2,300 Gross square feet/total: 15,120 Housing area square feet: 11,272 Gross square feet per inmate: 147 Size of cells: 55 square feet (gen. single); 63 (spec. single); 252 (dorm) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 8 Inmates per unit: 8 Management type: Intermittent surveillance September 1986 population: 84 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 40% Medium: 60% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block; brick Interior walls: CMU block; steel in detention section Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heating Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic smoke removal system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 24 Double occupancy: 0 Dorms: 36 Special housing: 27 General population: 60 Total: 87</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 11 Programs/treatment: 0 Maintenance: 1 Total: 13 (entire facility) Current inmate/staff ratio: 6.46:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Slow construction, lengthy building time; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; labor problems</p> |

(No floorplan available at time of publication)

Missouri City Police Department

Jurisdiction official: L.C. Guillot, Chief of Police

Contact: Chief L.C. Guillot, Missouri City Police Department, 1522 Texas Parkway, Missouri City, TX 77459, 713-261-4200
Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032
Construction manager: None

| | | |
|--|--|---|
| <p>Groundbreaking: April 1981 Finish date: January 1983 Construction time: 21 months</p> | <p>Design capacity: 24 Total cost: \$835,000 Total annual operating costs: \$1,944,040</p> | <p>Category: New, independent facility Facility type: Complex: city jail, law enforcement, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$835,000 Building only: \$818,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$59.64 Total annual operating costs: \$1,944,040</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 3,100 Gross square feet/other: 10,900 Gross square feet/total: 14,000 Housing area square feet: 962 Gross square feet per inmate: 129 Size of cells: 99 square feet (gen. double); 198 (gen. dorm); 247 (spec. dorm) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 5 Inmates per unit: 5 Management type: Intermittent surveillance by law enforcement personnel October 1986 population: 0 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block; brick Interior walls: CMU block; steel in detention area Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Sealed concrete Intercom: None HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for common areas; sprinklers for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 8 Dorms: 4 Special housing: 12 General population: 12 Total: 24</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 16 Security: 30 Programs/treatment: 0 Maintenance: 0 Total: 46 Current inmate/staff ratio: N/A</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Weather problems</p> |

(No floorplan available at time of publication)

Mountain View Unit (Addition)

Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

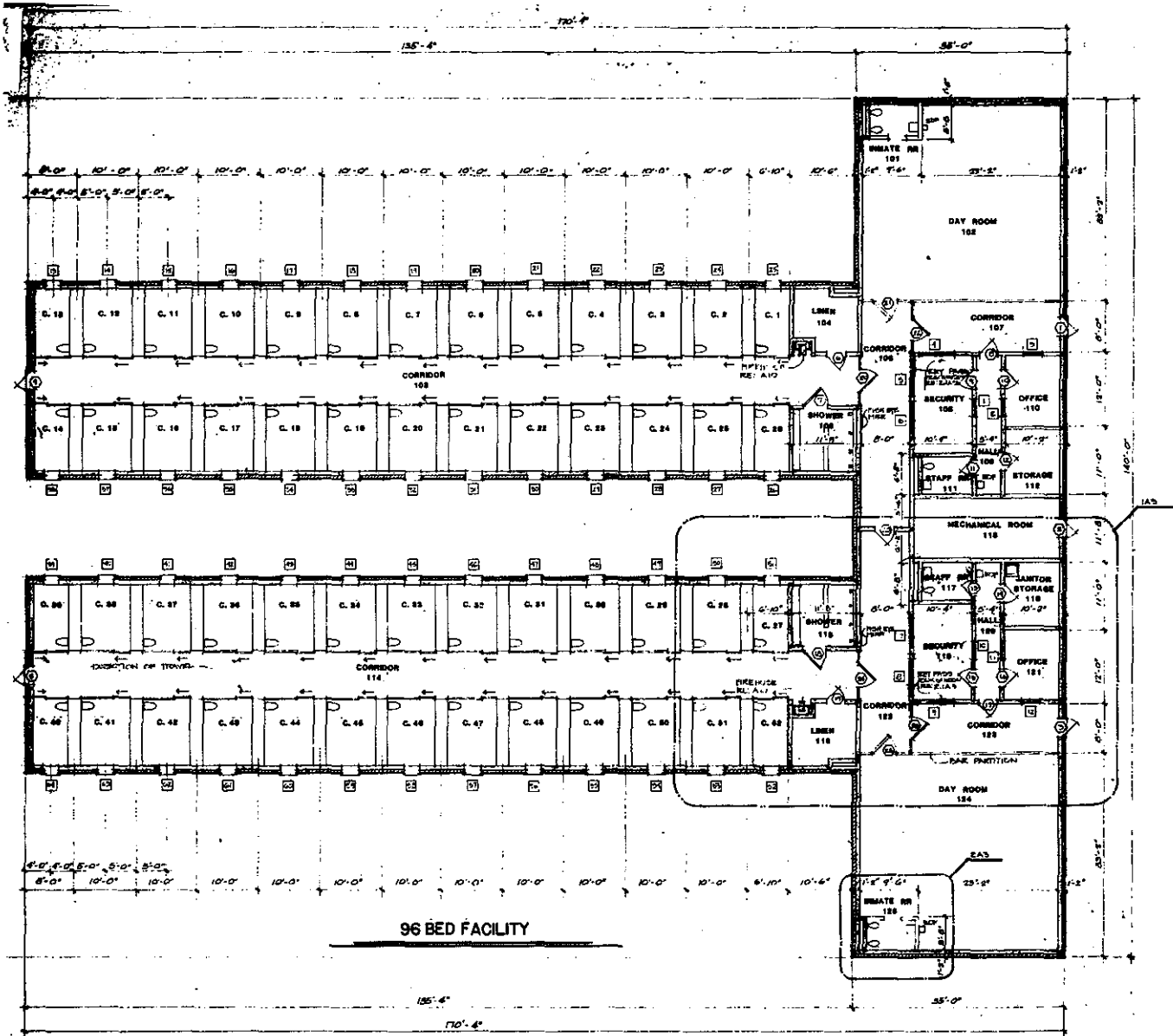
Contact: Warden Catherine Craig, Mountain View Unit, Route 4, Box 800, Gatesville, TX 76528, 817-865-7226

Architects: Gary/Parsons & Associates, P.O. Box 3657, Conroe, TX 77305, 409-273-4279

F.D. Freeman & Associates, 1712 North Frazier, Suite 206, Conroe, TX 77301, 409-760-3666

Construction manager: None

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|---|---|--|
| <p>Groundbreaking: June 1984 Finish date: April 1986 Construction time: 22 months</p> | <p>Design capacity: 96 Total cost: \$2,274,755 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building Facility type: State prison (women's facility) Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$2,274,755 Building only: \$2,274,755 Housing area: \$1,088,676 Housing per inmate: \$11,340 Housing per cell: \$20,936 Total per inmate: \$23,695 Total per GSF: Unknown Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: Unknown Gross square feet/other: Unknown Gross square feet/total: Unknown Housing area square feet: Unknown Gross square feet per inmate: Unknown Size of cells: 100 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 52 Inmates per unit: 96 Management type: Direct supervision October 1987 population: 96 Facility commitment: Female State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on fences; towers; patrols; camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Structural: Cast-in-place concrete frame Exterior walls: Precast panels; cast-in-place concrete; CMU block; brick Interior walls: Precast panels; cast-in-place concrete; CMU block; brick Exterior surface/facade: Brick</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional; inmate labor—Texas Dept. of Corrections Use of inmate labor: 100% Use of prefabrication: Limited; jail steel</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Carpet; epoxy coating; sealed concrete; vinyl tile Intercom: One-way to common areas HVAC: Heating/air circulation Plumbing: Stainless combination unit Furniture: Steel Fire protection: Manual alarm stations; fire hose cabinets</p> | <p>Single occupancy: 8 Double occupancy: 88 Dorms: 0 Special housing: 0 General population: 96 Total: 96</p> <p>Current staff</p> <p>Full-time equivalent: Administration: N/A Security: 24 Programs/treatment: N/A Maintenance: N/A Total: 24 (addition only) Current inmate/staff ratio: 4.00:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; inmate labor Negative: Government procedures, regulations, and red tape; complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components; simple construction methods; advanced order of materials and hardware Negative: Slow delivery from suppliers; labor problems; weather problems; government procedures, regulations, and red tape</p> |

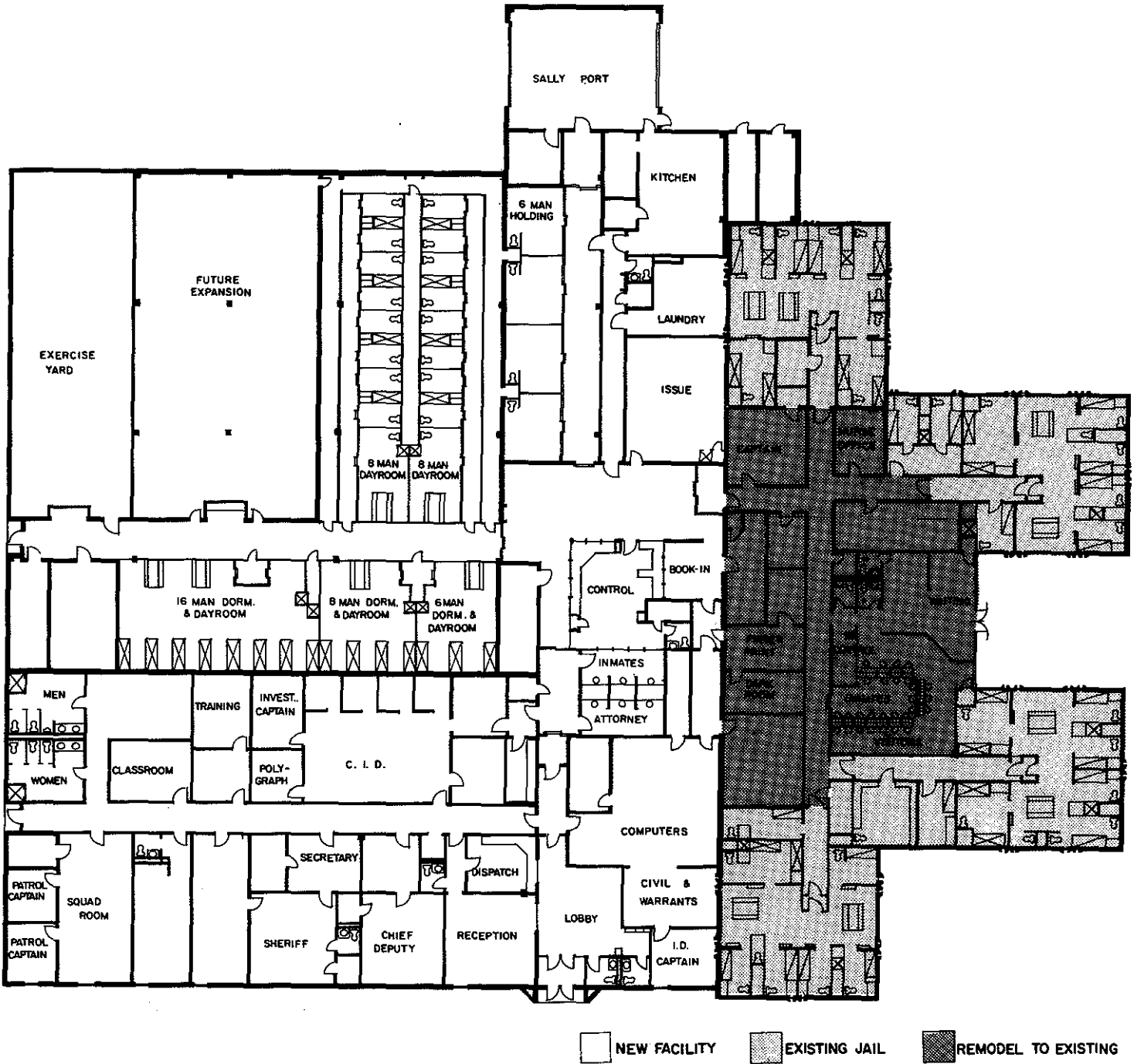


Orange County Jail (Addition)

Jurisdiction official: James Wade, Sheriff

Contact: Captain Wayne Dial, Orange County Jail, 115 South Border Street, P.O. Box 1461, Orange, TX 77630, 409-883-2612
Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032
Construction manager: Unknown

| | | |
|--|---|---|
| <p>Groundbreaking: March 1984 Finish date: May 1985 Construction time: 14 months</p> | <p>Design capacity: 64 Total cost: \$1,800,000 Total annual operating costs: N/A (addition)</p> | <p>Category: New, ancillary building; phased project (future) Facility type: Complex: county jail, law enforcement Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$1,800,000 Building only: \$1,758,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$59.67 Total annual operating costs: N/A (addition)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 17,160 Gross square feet/other: 13,008 Gross square feet/total: 30,168 Housing area square feet: 16,060 Gross square feet per inmate: 268 Size of cells: 55.5 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 8 Inmates per unit: 8 Management type: Intermittent surveillance September 1987 population: 55 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 34% Medium: 66% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block Interior walls: CMU block; steel in detention area Exterior surface/facade: CMU (textured)</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic smoke removal system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 16 Double occupancy: 0 Dorms: 30 Special housing: 18 General population: 46 Total: 64</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 3 Security: 16 Programs/treatment: 3 Maintenance: 3 Total: 25 (entire facility) Current inmate/staff ratio: 2.2:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: High labor costs; government procedures, regulations, and red tape; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; labor problems</p> |

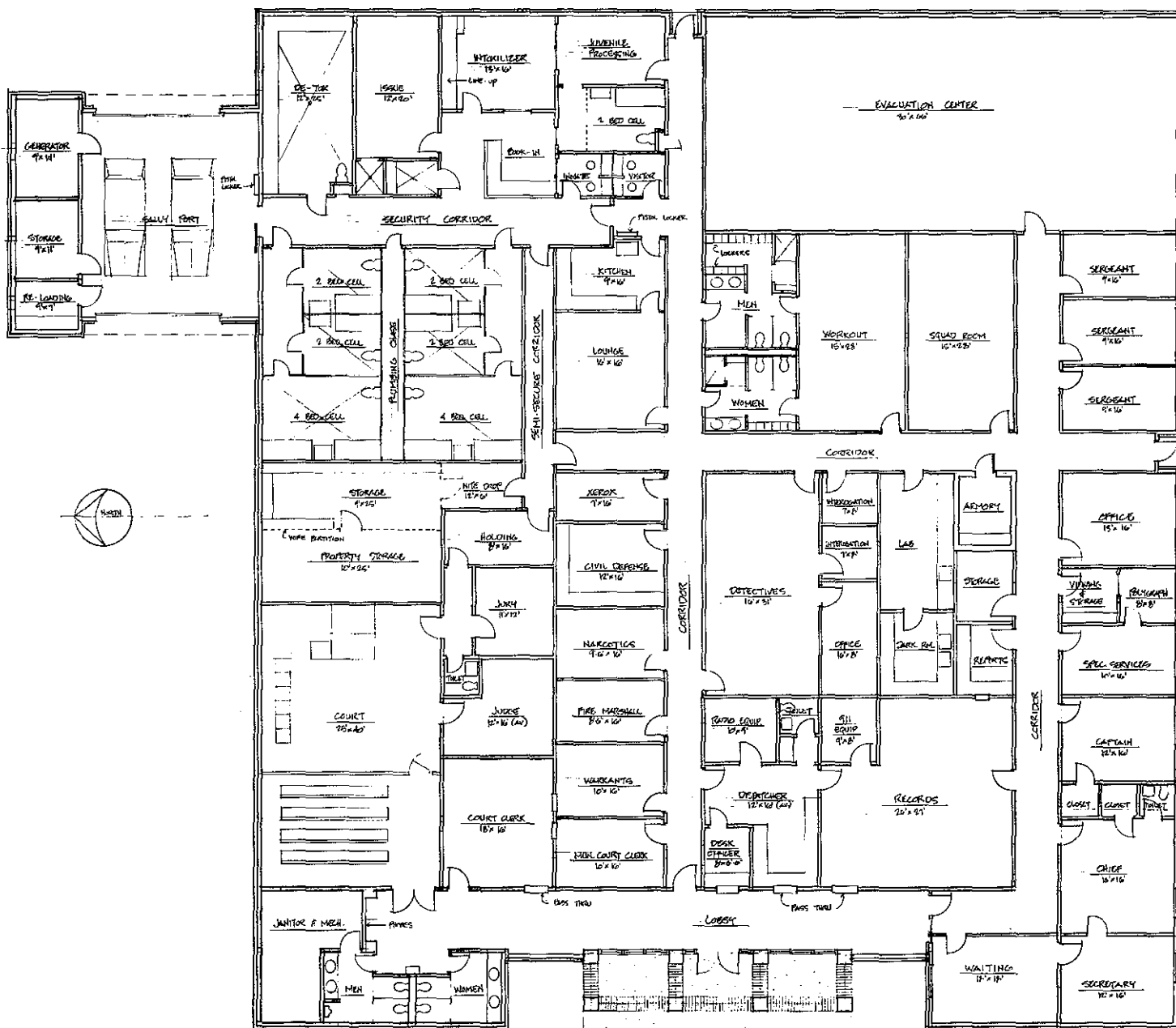


Pearland Public Safety Building

Jurisdiction official: Robert Riemenschneider, Chief of Police

Contact: Chief Robert Riemenschneider, Pearland Public Safety Building, 2703 Veterans Drive, Pearland, TX 77584, 713-485-4361
Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032
Construction manager: None

| | | |
|--|--|--|
| <p>Groundbreaking: July 1985 Finish date: May 1986 Construction time: 10 months</p> | <p>Design capacity: 36 Total cost: \$1,360,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: Complex: city jail, law enforcement, courts, E.O.C. Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,360,000 Building only: \$1,309,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$70.28 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 5,215 Gross square feet/other: 14,135 Gross square feet/total: 19,350 Housing area square feet: 3,158 Gross square feet per inmate: 145 Size of cells: 99 square feet (double); 192 (gen. dorms); 312 (spec. dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 3 Inmates per unit: 8 Management type: Intermittent surveillance September 1987 population: 2 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Video camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block Interior walls: CMU block; steel in detention areas Exterior surface/facade: Textured CMU</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; smoke removal system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 10 Dorms: 8 Special housing: 18 General population: 18 Total: 36</p> <p>Current staff</p> <p>Full-time equivalent: Administration: Unknown Security: Unknown Programs/treatment: Unknown Maintenance: Unknown Total: Unknown Current inmate/staff ratio: Unknown</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: None</p> |



FLOOR PLAN
15' x 10'

San Patricio County Sheriff's Department

Jurisdiction official: Wayne Hitt, Sheriff

Contact: Sheriff Wayne Hitt, San Patricio County Sheriff's Department, 300 North Racal, Sinton, TX 78387, 512-364-2251
Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032
Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: May 1980 Finish date: April 1982 Construction time: 23 months</p> | <p>Design capacity: 132 Total cost: \$2,229,000 Total annual operating costs: \$345,500</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,229,000 Building only: \$2,165,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$66.29 Total annual operating costs: \$345,500</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 24,100 Gross square feet/other: 9,527 Gross square feet/total: 33,627 Housing area square feet: 14,260 Gross square feet per inmate: 183 Size of cells: 56 square feet (gen. single); 91 (spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 8 Inmates per unit: 8 Management type: Intermittent surveillance September 1986 population: 54 Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 55% Medium: 45% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Concrete site cast tilt wall panels Interior walls: CMU block; steel in detention area Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; tilt-up construction</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic smoke removal system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 46 Double occupancy: 0 Dorms: 30 Special housing: 56 General population: 76 Total: 132</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 13 Programs/treatment: 1 Maintenance: 0 Total: 16 Current inmate/staff ratio: 3.38:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: None</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Labor problems</p> |

(No floorplan available at time of publication)

Smith County Jail

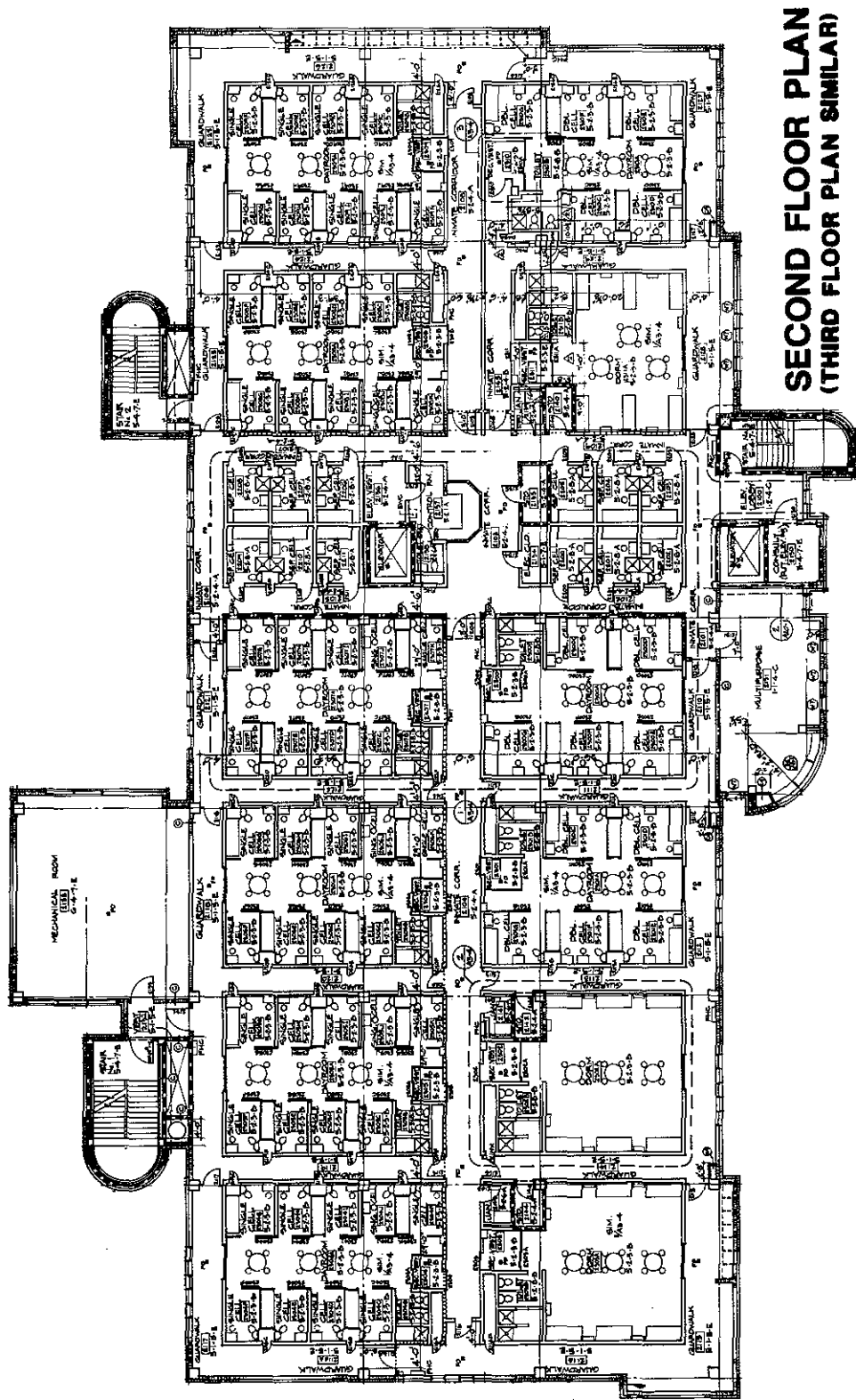
Jurisdiction official: J.B. Smith, Sheriff

Contact: Ron Scott, Jail Administrator, Smith County Jail, Tyler, TX 75701, 214-593-8434

Architect: Page Southerland Page, P.O. Box 2004, Austin, TX 78768, 512-472-6721

Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: November 1983 Finish date: January 1986 Construction time: 26 months</p> | <p>Design capacity: 264 Total cost: \$8,000,000 Total annual operating costs: \$1,562,463</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$8,000,000 Building only: \$7,200,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$30,303 Total per GSF: \$93.79 Total annual operating costs: \$1,562,463</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 85,300 Gross square feet/other: 0 Gross square feet/total: 85,300 Housing area square feet: 51,400 Gross square feet per inmate: 323 Size of cells: 77 square feet (single); 123 (double); 790 (dorm) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 132 Inmates per unit: 132 Management type: Remote surveillance October 1985 population: N/A Facility commitment: Local jail inmates Means to handle crowding: Cots in dorm</p> |
| <p>Security</p> <p>Perimeter: Building exterior Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete Interior walls: Cast-in-place concrete; CMU block; brick Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; detention equipment</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete; vinyl tile Intercom: Two-way to cells HVAC: Air conditioning; boiler Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 108 Double occupancy: 60 Dorms: 72 Special housing: 24 General population: 240 Total: 264</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 8 Security: 55 Programs/treatment: Volunteers Maintenance: County staff Total: 63 Current inmate/staff ratio: N/A</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Slow construction; difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; weather problems; complex electronic, mechanical, and electrical systems</p> |



**SECOND FLOOR PLAN
(THIRD FLOOR PLAN SIMILAR)**

Starr County Jail

Jurisdiction official: Eugenio Falcon, Sheriff

Contact: Ramon Reymundo, Chief Jailer, Starr County Jail, Rio Grande City, TX 78582, 512-487-4552

Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032

Construction manager: None

| | | |
|--|--|--|
| <p>Groundbreaking: November 1985 Finish date: October 1986 Construction time: 11 months</p> | <p>Design capacity: 123 Total cost: \$1,413,000 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,413,000 Building only: \$1,385,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$11,488 Total per GSF: \$76.38 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 18,500 Gross square feet/other: 0 Gross square feet/total: 18,500 Housing area square feet: 16,300 Gross square feet per inmate: 150 Size of cells: 75 square feet (gen. single); 200 (spec. dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 1 Inmates per unit: 24 Management type: Remote surveillance September 1987 population: 70 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 10% Medium: 90% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Precast panels Interior walls: CMU block Exterior surface/facade: Textured concrete</p> <p>Inmate design capacity</p> <p>Single occupancy: 13 Double occupancy: 0 Dorms: 104 Special housing: 6 General population: 117 Total: 123</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 17 Programs/treatment: 1 Maintenance: 2 Total: 21 Current inmate/staff ratio: 3.33:1</p> | <p>Construction process</p> <p>Finance method: Federal funds; local funds; Certificates of Obligation Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; exterior precast panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic smoke removal system</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: None</p> | |

(No floorplan available at time of publication)

TDC Hospital at Galveston

Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

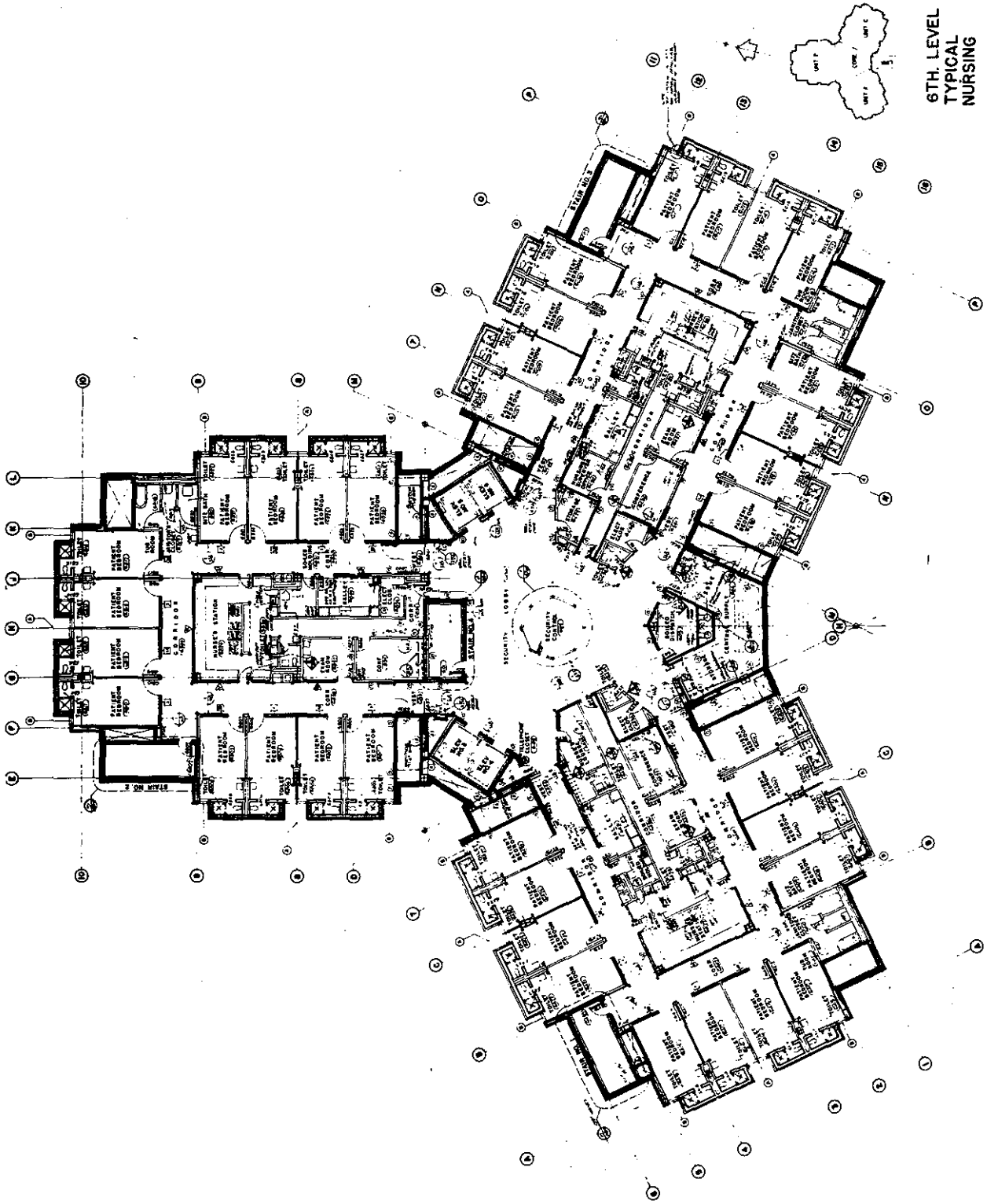
Contact: Warden Frederick Becker, TDC Hospital at Galveston, P.O. Box 48, Substation #1, Galveston, TX 77550, 409-761-2875

Architect: Jesson & Associates, 700 American Bank Tower, Austin, TX 78701, 512-478-7437

Construction manager: University of Texas, 6000 Strand, Galveston, TX 77550, 409-765-1588

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| <p>Groundbreaking: March 1978 Finish date: June 1985 Construction time: 87 months</p> | <p>Design capacity: 144 Total cost: \$38,989,679 Total annual operating costs: \$7,366,500</p> | <p>Category: New, independent facility Facility type: State prison hospital Building configuration: High rise</p> |
| <p>Costs</p> <p>Total: \$38,989,679 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$270,762 Total per GSF: \$185.14 Total annual operating costs: \$7,366,500</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 210,600 Gross square feet/other: 0 Gross square feet/total: 210,600 Housing area square feet: 52,650 Gross square feet per inmate: 1,463 Size of cells: 264 square feet (double) Net/gross square feet: Unknown</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Rooms on outside walls, direct light to rooms Cells per unit: 12 Inmates per unit: 24 Management type: Intermittent surveillance April 1987 population: 110 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Patrols; video camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Structural: Load-bearing precast panels; steel frame; cast-in-place concrete frame Exterior walls: Precast panels; cast-in-place concrete; CMU block; brick Interior walls: Precast panels; cast-in-place concrete; CMU block; brick Exterior surface/facade: Brick; stucco; paint; textured concrete</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Coordinated by the University of Texas Use of inmate labor: None Use of prefabrication: Extensive</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Manual locking Floor surface: Carpet; sealed concrete; vinyl tile Intercom: Two-way to common areas HVAC: Air conditioning; steam heat; gas heat Plumbing: Stainless steel Furniture: Steel; wood Intercom: Two-way to common areas Fire protection: Smoke detectors and sprinklers for rooms; sprinklers for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 144 Dorms: 0 Special housing: 0 General population: 144 Total: 144</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 22 Security: 186 Programs/treatment: 8 Maintenance: 2 Total: 218 Current inmate/staff ratio: 0.50:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly Negative: Slow construction; high labor cost; difficult site conditions; government procedures and red tape; complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; phased const., fast track CM Negative: Slow delivery from suppliers; labor problems; weather problems; government red tape; complex electronic and mechanical systems</p> |

6TH LEVEL
TYPICAL
NURSING



Victoria County Jail

Jurisdiction official: Dalton G. Meyer, Sheriff

Contact: Captain Richard Romano, Victoria County Jail, 101 North Glass, Victoria, TX 77901, 512-575-0651
Architect: Christopher Di Stefano & Associates, Inc., 2500 Citywest Boulevard, #2010, Houston, TX 77042, 713-953-9032
Construction manager: None

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| <p>Groundbreaking: October 1982 Finish date: October 1984 Construction time: 24 months</p> | <p>Design capacity: 132 Total cost: \$5,465,000 Total annual operating costs: Unknown</p> | <p>Category: New, ancillary building; phased project (future) Facility type: Complex: county jail, law enforcement Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$5,465,000 Building only: \$5,234,250 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$45.90 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 37,590 Gross square feet/other: 81,470 Gross square feet/total: 119,060 Housing area square feet: 34,718 Gross square feet per inmate: 285 Size of cells: 55.5 square feet (gen. single); 63 (spec. single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 16 Inmates per unit: 16 Management type: Intermittent surveillance September 1987 population: 103 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 66% Medium: 34% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block; brick Interior walls: CMU block; steel in detention areas Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Local funds; Certificates of Obligation Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Epoxy coating Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; manual alarm stations; automatic smoke removal system</p> | <p>Inmate design capacity</p> <p>Single occupancy: 84 Double occupancy: 0 Dorms: 44 Special housing: 4 General population: 128 Total: 132</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 9 Security: 18 Programs/treatment: 1 Maintenance: 2 Total: 30 Current inmate/staff ratio: 3.43:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Slow construction, lengthy building time; high labor costs; difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Labor problems</p> |

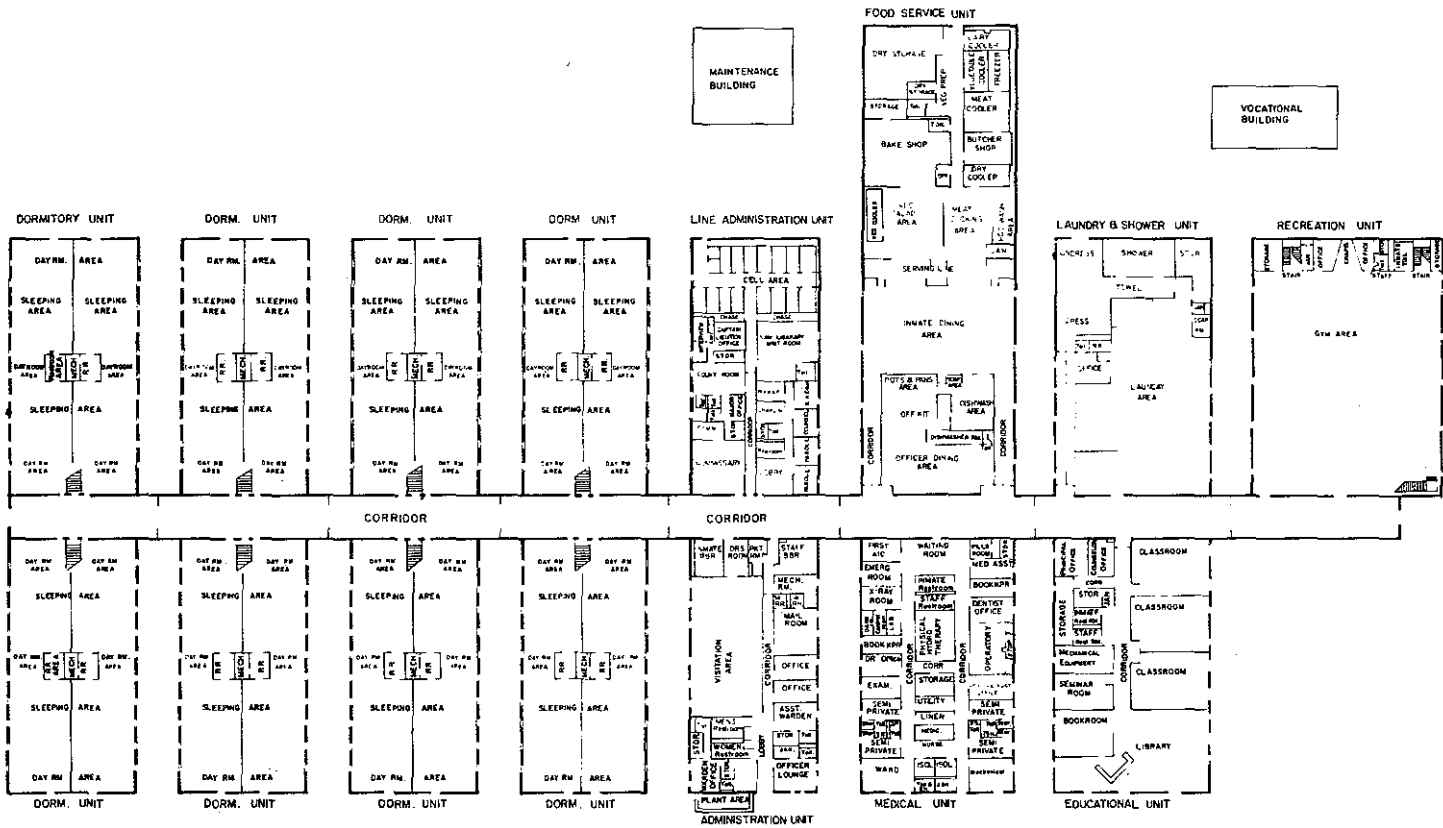
(No floorplan available at time of publication)

Wallace Pack Unit I

Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

Contact: Warden Bobby D. Morgan, Wallace Pack Unit I, Route #3, Box 300, Navasota, TX 77868, 409-825-3728
Architects: Barnes, Landes, Goodman and Youngblood, 1600 West 38th Street, Suite 100, Austin, TX 78731, 512-451-8281
 Dahl-Braden-PTM, Inc., Reverchon Plaza, 3500 Maple Avenue, LB 87, Suite 1100, Dallas, TX 75219, 214-520-0077
Construction manager/General contractor: B.F.W. Construction Company, P.O. Box 628, Temple, TX 87501, 817-778-8941

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| <p>Groundbreaking: May 1981 Finish date: July 1986 Construction time: 62 months</p> | <p>Design capacity: 1,101 Total cost: \$14,911,460 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Integrated structure; ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$14,911,460 Building only: \$10,746,707 Housing area: \$7,512,238 Housing per inmate: \$7,168 Housing per cell: \$469,515 Total per inmate: \$13,544 Total per GSF: \$98.43 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 151,492 Gross square feet/other: 0 Gross square feet/total: 151,492 Housing area square feet: 105,897 Gross square feet per inmate: 138 Size of cells: 3,640 square feet (dorms); 64 (spec. single) Net/gross square feet: 90%</p> | <p>Inmate housing areas</p> <p>Design: Dormitory Cells per unit: 1 Inmates per unit: 66 Management type: Remote surveillance September 1987 population: 1,046 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection systems; razor wire on fence; towers; patrols Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: "Sandwich panel" type metal buildings Interior walls: CMU block; jail steel Exterior surface/facade: Metal buildings</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Turn-key design and build Use of inmate labor: Limited; 100 percent inmate labor until 30 percent complete Use of prefabrication: Extensive; prefabricated metal buildings</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: One-way to common areas HVAC: Heating/air circulation; gas heat Plumbing: China Furniture: Steel Fire protection: Manual alarm stations; fire hose reels</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 1,048 Special housing: 53 General population: 1,048 Total: 1,101</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 24 Security: 175 Programs/treatment: 50 Maintenance: 15 Total: 264 Current inmate/staff ratio: 3.96:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Prefab. components, factory assembly; simple const. methods; fast track CM; favorable market; less expensive materials Negative: Slow construction; high labor costs; difficult site conditions; government red tape; complex electronic and mechanical systems</p> <p>Factors affecting time schedule: Positive: Prefab. components; repetitiveness of design; phased const.; advanced order of materials; coordination of design between parties Negative: Slow delivery from vendors; weather problems; government red tape</p> |



MAIN BUILDING COMPLEX
SCALE 1" = 30' - 0"



| ABBREVIATION KEY | | | |
|------------------|-------------|------|-------------|
| ASST | ASSISTANT | LEUT | LEUTENANT |
| DR | DRUG | M | MEN |
| ENP | ENGINEER | MCC | MICROFILM |
| COM | COMMISSARY | MEC | MEDICAL |
| CONF | CONFERENCE | OFF | OFFICE |
| COUN | COUNSELOR | PHY | PHYSICIAN |
| DR | DOCTOR | PREP | PREPARATION |
| PH | PHYSICIAN | PR | PRISON |
| EMER | EMERGENCY | PRO | PROFESSOR |
| EXAM | EXAMINATION | SH | SHOWER |
| ISOL | ISOLATION | STOR | STORAGE |
| JAN | JANITOR | TOY | TOYLET |
| KIT | KITCHEN | VEG | VEGETABLE |
| LAB | LABORATORY | W | WOMEN |

Wallace Pack Unit II

Jurisdiction official: James A. Lynaugh, Director, Department of Corrections

Contact: Warden Kenneth Hughes, Wallace Pack Unit II, Route 1, Box 1000, Navasota, TX 77868, 409-825-7100
Architects: Barnes, Landes, Goodman and Youngblood, 1600 West 38th Street, Suite 100, Austin, TX 78731, 512-451-8281
 Dahl-Braden-PTM, Inc., 1800 North Market Street, Dallas, TX 75202, 214-748-1466
Construction manager/General contractor: Texas Department of Corrections, New Construction Department, P.O. Box 99, N/C Huntsville, TX 77340, 409-295-6371

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|---|---|---|
| <p>Groundbreaking: August 1981 Finish date: July 1984 Construction time: 35 months</p> | <p>Design capacity: 1,364 Total cost: \$16,009,587 Total annual operating costs: Unknown</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Integrated structure; ladder, telephone pole</p> |
| <p>Costs</p> <p>Total: \$16,009,587 Building only: Unknown Housing area: \$11,686,989 Housing per inmate: \$8,854 Housing per cell: \$584,349 Total per inmate: \$11,737 Total per GSF: \$95.60 Total annual operating costs: Unknown</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 167,470 Gross square feet/other: 0 Gross square feet/total: 167,470 Housing area square feet: 122,070 Gross square feet per inmate: 123 Size of cells: 64 square feet (single); 3,640 (dorms) Net/gross square feet: 90%</p> | <p>Inmate housing areas</p> <p>Design: Dormitory style Cells per unit: 1 Inmates per unit: 66 Management type: Remote surveillance September 1987 population: 1,309 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection systems; razor wire on fence; towers; patrols Inmate security level: Maximum: 0 Medium: 0 Minimum: 100%</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: "Sandwich panel" type metal buildings Interior walls: CMU block; jail steel Exterior surface/facade: Metal</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Turn-key design and build Use of inmate labor: None Use of prefabrication: Extensive; metal buildings</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete; hard floor wearing surface material Intercom: One-way to common areas HVAC: Heating/air circulation; gas heat Plumbing: China Furniture: Steel Fire protection: Manual alarm stations; fire hose reels</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 1,320 Special housing: 44 General population: 1,320 Total: 1,364</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 11 Security: 209 Programs/treatment: 54 Maintenance: 10 Total: 284 Current inmate/staff ratio: 4.61:1</p> | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Prefab. components, factory assembly; simple const. methods; phased const., fast track CM; favorable market; less expensive materials Negative: High labor costs; difficult site; government regulations and red tape; complex electronic systems</p> <p>Factors affecting time schedule: Positive: Use of prefab. components, factory assembly; repetitiveness of design; phased const., fast track CM; advanced order of materials; coordination of design Negative: Slow delivery from suppliers; weather problems; government red tape</p> |

Westside Police Area Command Station

Jurisdiction official: Lee P. Brown, Chief of Police

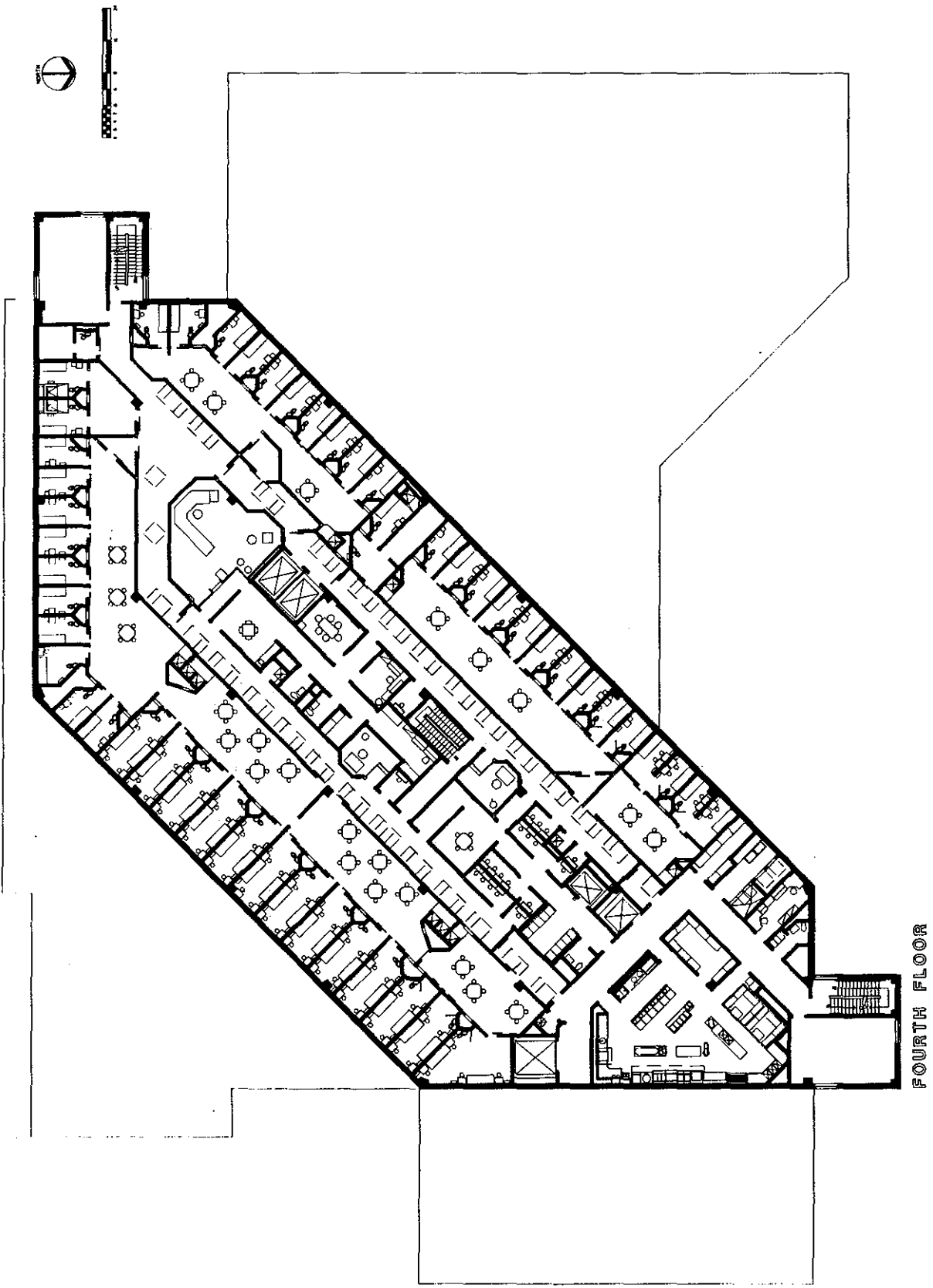
Contact: W.T. Higgins, Administrative Captain, Westside Police Area Command Station, 3203 South Dairy Ashford, Houston, TX 77082, 713-247-5420

Architect: The McGinty Partnership Architects, Inc., 601 Sawyer, Third Floor, Houston, TX 77007, 713-880-2500

Criminal justice consultants: Phillips Swager Associates, 3622 North Knoxville, Peoria, IL 61603, 309-688-9511

Construction manager: Turner Construction Company, 3203 South Dairy, Ashford, Houston, TX 77082, 713-558-9644

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| <p>Groundbreaking: July 1985 Finish date: September 1987 Construction time: 26 months</p> | <p>Design capacity: 176 Total cost: \$17,096,000 Total annual operating costs: \$4,912,573 (9 mos. projected)</p> | <p>Category: New, independent facility Facility type: Complex: city jail, law enforcement, courts, vehicle maintenance Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$17,096,000 Building only: \$16,700,000 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$123.88 Total annual operating costs: \$4,912,573 (9 mos. projected)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 37,000 Gross square feet/other: 101,000 Gross square feet/total: 138,000 Housing area square feet: 21,000 Gross square feet per inmate: 210 Size of cells: 84 square feet (single); 163 (dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside with skylights in corridors Cells per unit: 8 to 10 Inmates per unit: 8 to 20 Management type: Remote surveillance September 1987 population: 0 Facility commitment: Local jail inmates Means to handle crowding: No need anticipated</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 95% Medium: 5% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: CMU block; brick Interior walls: CMU block Exterior surface/facade: Brick</p> <p>Inmate design capacity</p> <p>Single occupancy: 38 Double occupancy: 0 Dorms: 60 Special housing: 78 General population: 98 Total: 176</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; high efficiency chillers; 4-pipe system with boilers for heating water Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Current staff</p> <p>Full-time equivalent: Administration: 23 Security: 92 Programs/treatment: 8 Maintenance: 12 Total: 135 Current inmate/staff ratio: N/A</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Complex electronic, mechanical, and electrical systems</p> |



Orange Street Community Correctional Center

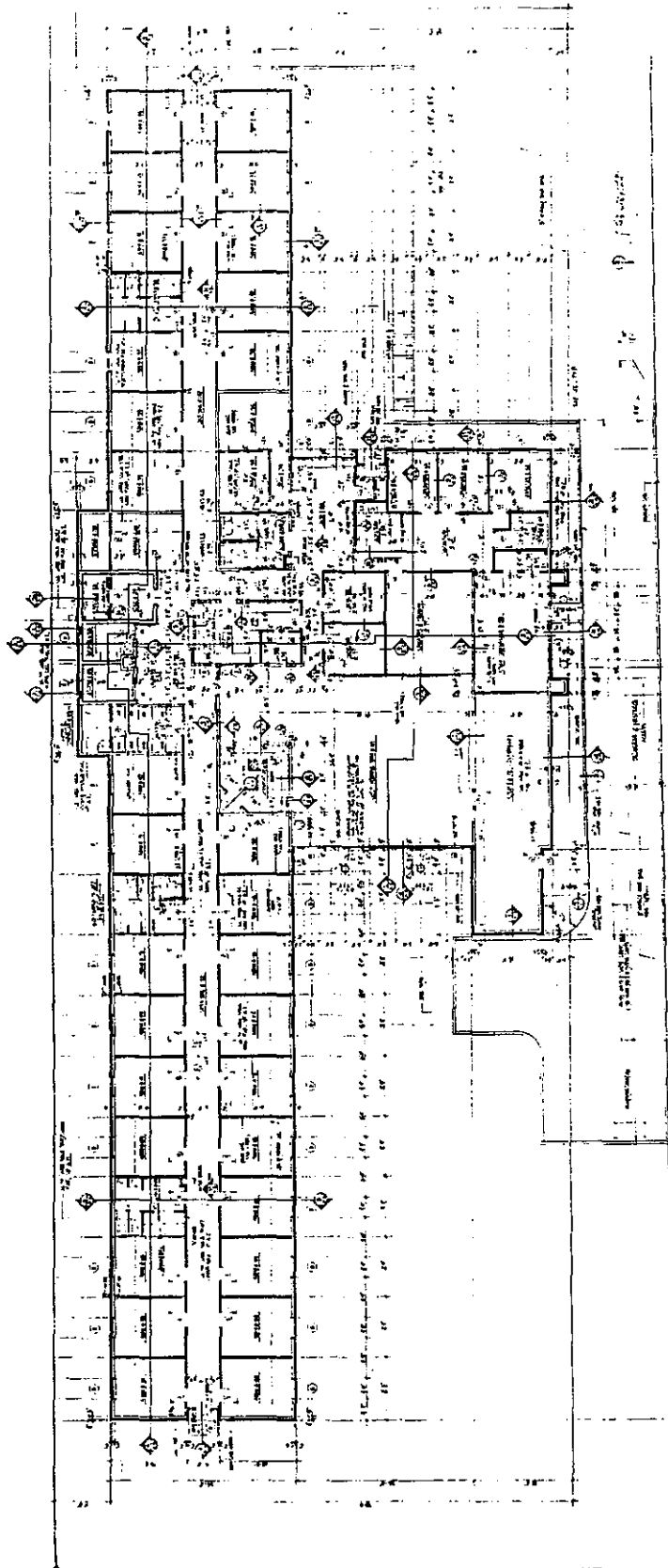
Jurisdiction official: Gary W. DeLand, Director, Department of Corrections

Contact: Kathy Cochran, Director, Orange Street Community Correctional Center, #80 South Orange Street, Salt Lake City, UT 84116, 801-533-6360

Architect: Molen, Huss, Money, Fuller Architects, 50 South 600 East, Suite #100, Salt Lake City, UT 84102, 801-532-1603

Construction manager: None

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| <p>Groundbreaking: March 1985 Finish date: December 1985 Construction time: 9 months</p> | <p>Design capacity: 62 Total cost: \$740,000 Total annual operating costs: \$805,500</p> | <p>Category: New, independent facility Facility type: State-run community-based correctional facility Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$740,000 Building only: \$693,000 Housing area: \$550,265 Housing per inmate: \$9,171 Housing per cell: \$18,342 Total per inmate: \$11,935 Total per GSF: \$51.74 Total annual operating costs: \$805,500</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 14,302 Gross square feet/other: 0 Gross square feet/total: 14,302 Housing area square feet: 11,956 Gross square feet per inmate: 231 Size of cells: 168 square feet (double); 80 (spec. single) Net/gross square feet: 95%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 30 Inmates per unit: 60 Management type: Intermittent surveillance; limited protection from glass-housed central station October 1986 population: 59 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Nonsecure facility; visual control only; rooms and hallways not locked Inmate security level: Maximum: 0 Medium: 0 Minimum: 94% Other: 6%</p> | <p>Construction type</p> <p>Structural: Load bearing wood frame Exterior walls: 2" x 6" wood stud walls Interior walls: CMU block; metal studs/drywall Exterior surface/facade: Brick veneer</p> | <p>Construction process</p> <p>Finance method: Developer-bank financing; States leases with option to buy Contract method: Turn-key design and build Use of inmate labor: None Use of prefabrication: Limited; roof trusses and furniture (built in)</p> |
| <p>Inmate cells</p> <p>Doors/material: Wooden Doors/type: Swinging Doors/locking: Manual locking Floor surface: Carpet in rooms; epoxy coating in holding rooms Intercom: None HVAC: Air conditioning; gas heat Plumbing: China Furniture: Wood; plastic laminate; concrete in holding rooms Fire protection: Smoke detectors and sprinklers for rooms and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 60 Dorms: 0 Special housing: 2 General population: 60 Total: 62</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 5 Security: 15 Programs/treatment: 0 Maintenance: 0 Total: 20 Current inmate/staff ratio: 2.95:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Factory assembled prefab. roof trusses; simple construction methods; favorable market; private developer, leased to State; less expensive materials and hardware; frame structure (very low security) Negative: Government procedures, regulations, and red tape</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components; repetitiveness of design; advanced order of materials; good working relationship between owner, contractor, and architect Negative: Government red tape</p> |



Uintah County Jail

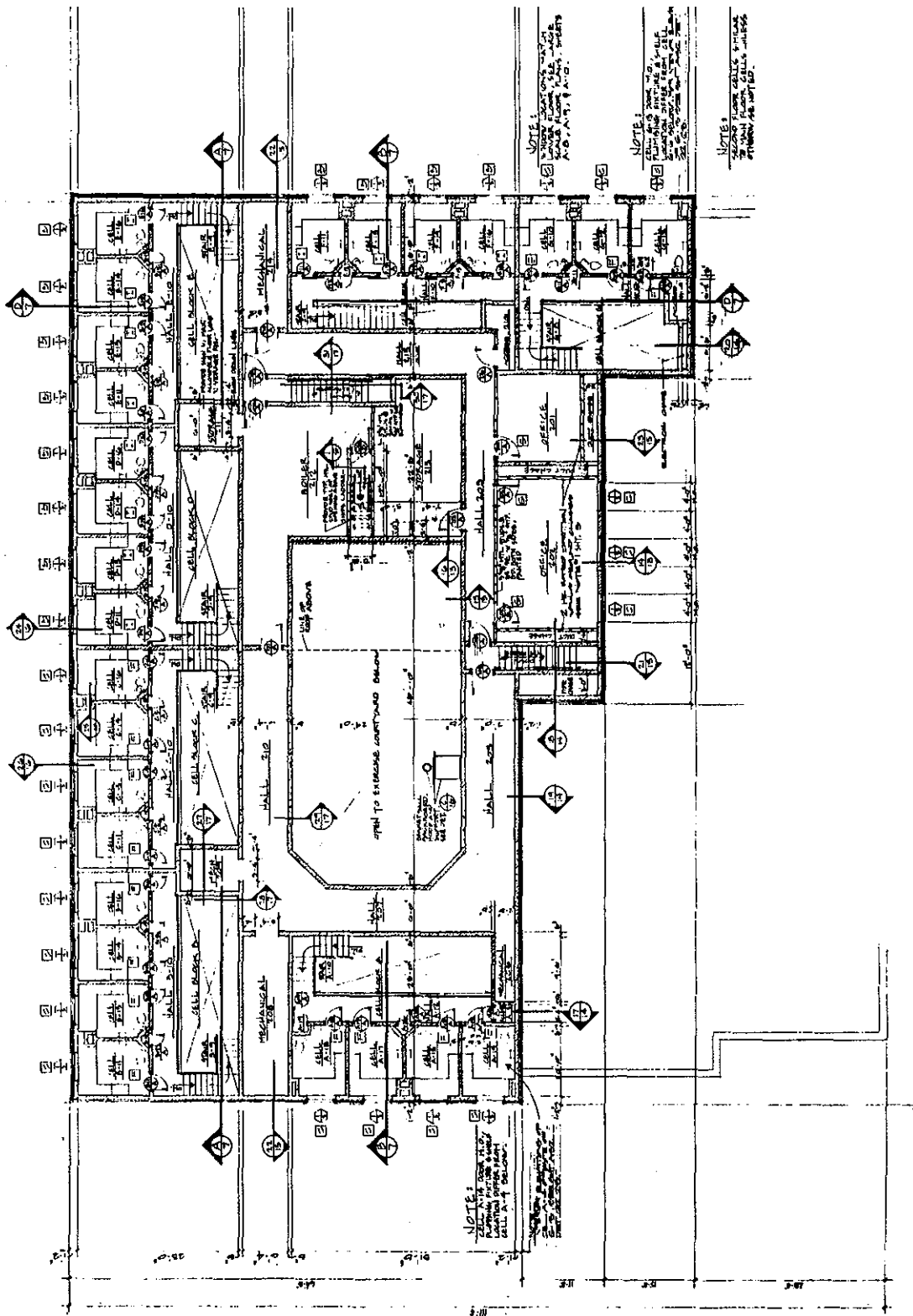
Jurisdiction official: Drew Christiansen, Sheriff

Contact: Ken Konrad, Jail Commander, Uintah County Jail, 204 East 100 North, Vernal, UT 84078, 801-781-1300

Architect: Molen, Huss, Money, Fuller, Architects, 50 South 600 East, Suite 100, Salt Lake City, UT 84102, 801-532-1603

Construction manager: None

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| <p>Groundbreaking: March 1984 Finish date: September 1985 Construction time: 18 months</p> | <p>Design capacity: 68 Total cost: \$2,399,689 Total annual operating costs: \$440,312</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,399,689 Building only: \$2,263,374 Housing area: \$2,132,374 Housing per inmate: \$39,488 Housing per cell: \$39,488 Total per inmate: \$35,290 Total per GSF: \$106.33 Total annual operating costs: \$440,312</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 22,568 Gross square feet/other: 0 Gross square feet/total: 22,568 Housing area square feet: 8,227 Gross square feet per inmate: 332 Size of cells: 70 square feet (single) Net/gross square feet: Unknown</p> <p>Construction type</p> <p>Structural: Load bearing CMU walls and cast-in-place concrete floors and roof Exterior walls: Brick; preglazed CMU block Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick; preglazed CMU</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 8 Inmates per unit: 8 Management type: Intermittent surveillance; audio/video surveillance of all dayrooms, corridors, entries, etc. September 1987 population: 30 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 14% Medium: 39% Minimum: 29% Other: 18%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 54 Double occupancy: 0 Dorms: 0 Special housing: 14 General population: 54 Total: 68</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 12 Programs/treatment: 0 Maintenance: 2 Total: 16 Current inmate/staff ratio: 1.87:1</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; all bunks and desks for single cells</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Unknown Floor surface: Epoxy coating; carpet in dayrooms Intercom: Two-way to common areas; one-way from cells HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Steel; precast concrete bunks and desks Fire protection: Smoke detectors for common areas; sprinklers for cells and common areas</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; favorable market Negative: Slow construction; difficult site conditions; severe winter weather; site was remote—180 miles from nearest location for suppliers and trades</p> <p>Factors affecting time schedule: Positive: Repetitiveness of design; coordination of design between parties Negative: Slow delivery from vendors; site was remote; weather problems, below 0 degrees F.</p> |

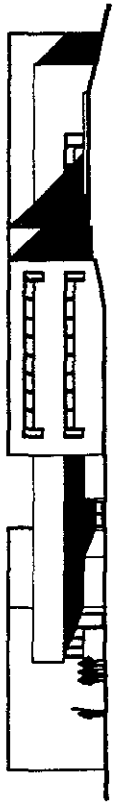


Young Adult Correctional Facility

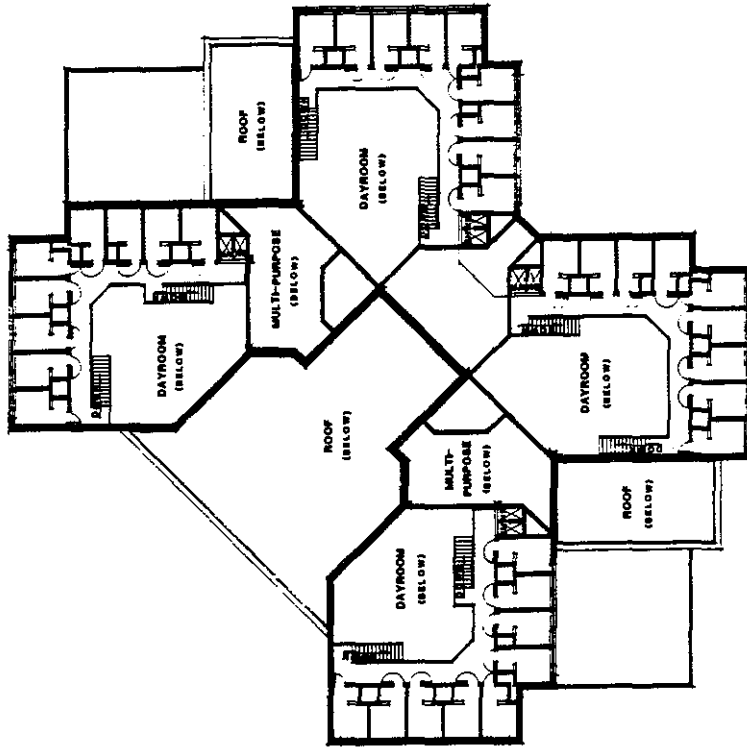
Jurisdiction official: Gary W. DeLand, Director, Department of Corrections

Contact: Warden Jeffrey R. Galli, Young Adult Correctional Facility, 14000 South Frontage Road, Draper, UT 84020, 801-572-5700
Architect: Henningson, Durham & Richardson, Inc., 12700 Hillcrest Road, Suite 125, Dallas, TX 75230, 214-980-0001
Construction manager: None

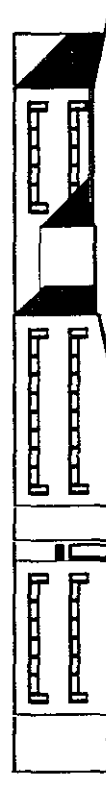
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| <p>Groundbreaking: July 1983 Finish date: August 1984 Construction time: 13 months</p> | <p>Design capacity: 292 Total cost: \$12,463,348 Total annual operating costs: \$2,801,135</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Campus style</p> |
| <p>Costs</p> <p>Total: \$12,463,348 Building only: \$11,413,934 Housing area: \$5,320,000 Housing per inmate: \$18,472 Housing per cell: \$18,472 Total per inmate: \$42,683 Total per GSF: \$79.56 Total annual operating costs: \$2,801,135</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 156,660 Gross square feet/other: 0 Gross square feet/total: 156,660 Housing area square feet: 58,608 Gross square feet per inmate: 537 Size of cells: 70 square feet (single); 173 (spec. double) Net/gross square feet: 72%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 72 Inmates per unit: 72 Management type: Direct supervision May 1987 population: 508 Facility commitment: State prisoners Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; patrols Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame; CMU block Exterior walls: Precast panels; cast-in-place concrete; brick Interior walls: Precast panels; CMU block; brick Exterior surface/facade: Brick; paint; textured concrete</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Limited; precast panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking; manual locking Floor surface: Carpet; epoxy coating; vinyl tile Intercom: One-way and two-way to cells; two-way to common areas HVAC: Air conditioning; steam heat; evaporative cooling Plumbing: Vitreous china Furniture: Steel; wood; vinyl/plastic Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 288 Double occupancy: 0 Dorms: 0 Special housing: 4 General population: 288 Total: 292</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 19 Security: 54 Programs/treatment: 10 Maintenance: 6 Total: 89 Current inmate/staff ratio: 5.71:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; less expensive materials and hardware Negative: Difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: None</p> |



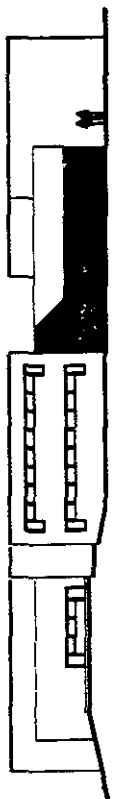
Elevation B



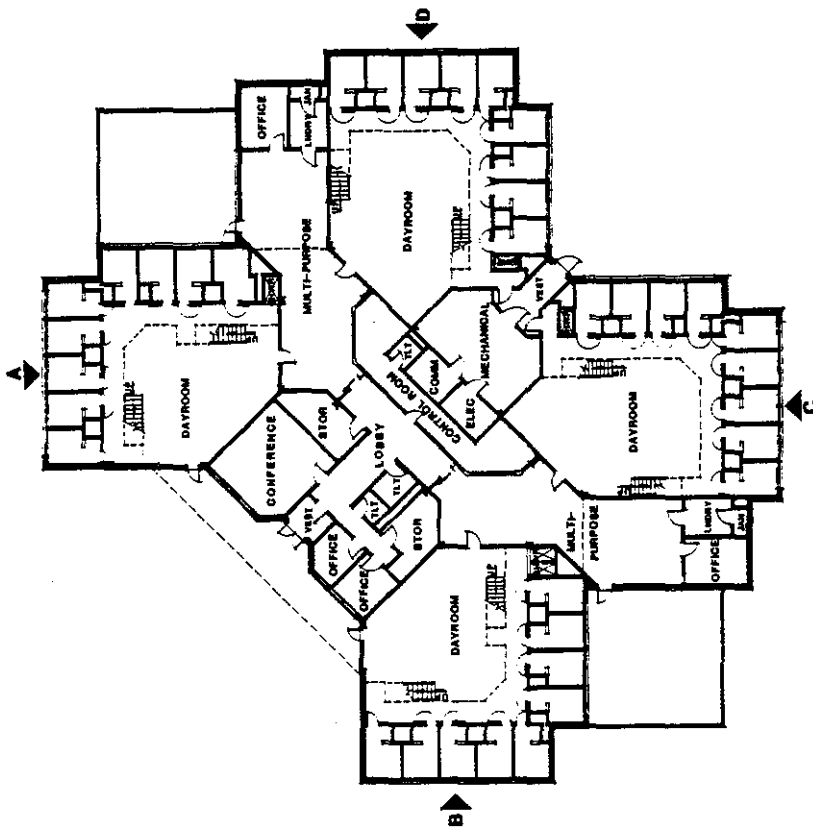
Mezzanine level



Elevation D



Elevation A



Ground floor



Elevation C

Northwest State Correctional Facility (Expansion)

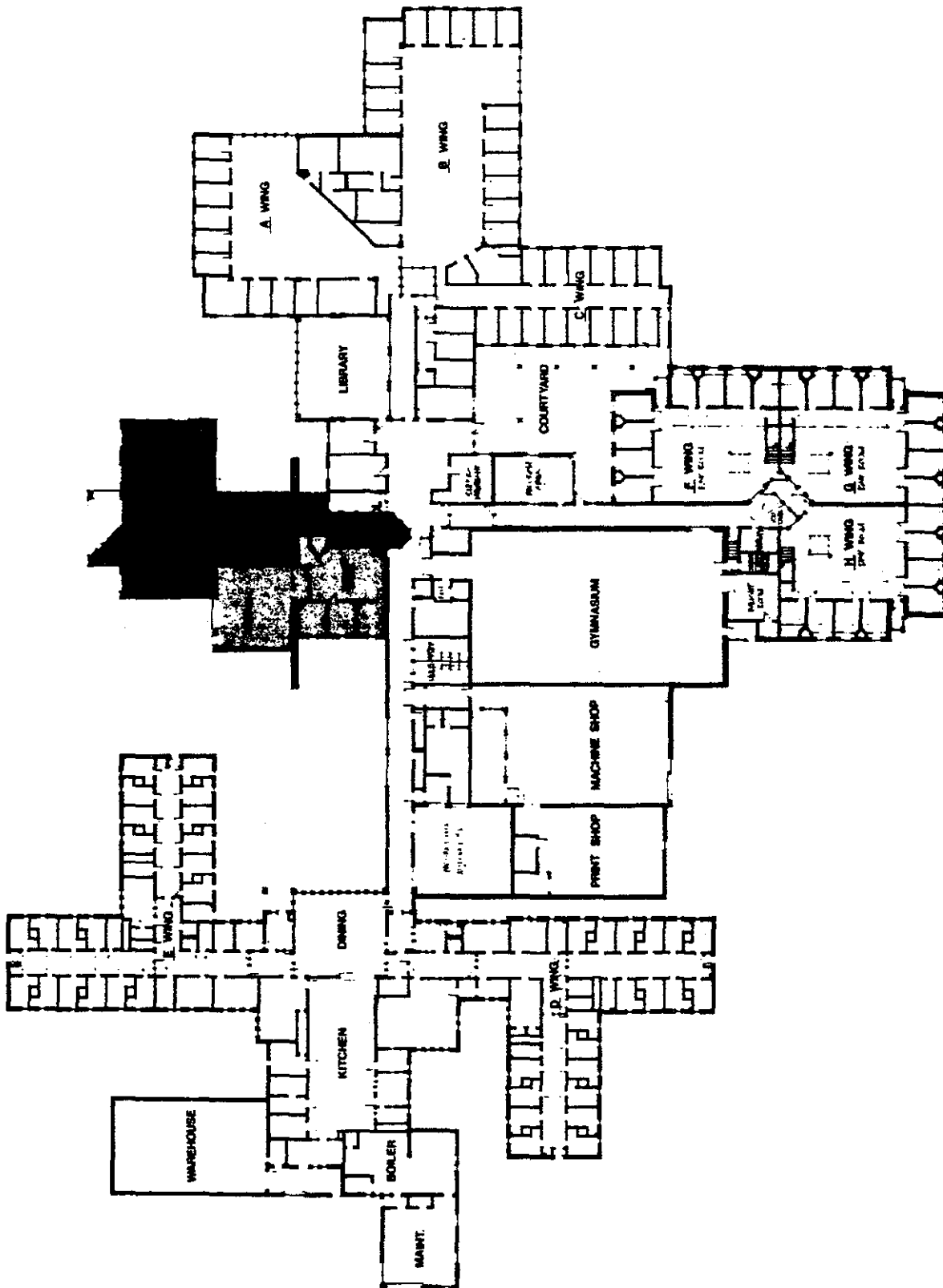
Jurisdiction official: Joseph J. Patrissi, Commissioner of Corrections, Agency of Human Services, Department of Corrections

Contact: Superintendent Heinz Arenz, Northwest State Correctional Facility, P.O. Box 713, St. Albans, VT 05478, 802-524-6771

Architect: Wiemann-Lamphere Architects, Inc., 289 College Street, Burlington, VT 05401, 802-864-0950

Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: March 1984 Finish date: September 1985 Construction time: 18 months</p> | <p>Design capacity: 51 Total cost: \$2,506,181 Total annual operating costs: \$271,087 (expansion only)</p> | <p>Category: Expansion Facility type: State prison Building configuration: Clusters</p> |
| <p>Costs</p> <p>Total: \$2,506,181 Building only: \$2,490,181 Housing area: \$1,600,000 Housing per inmate: \$35,556 Housing per cell: \$35,556 Total per inmate: \$49,141 Total per GSF: \$125.31 Total annual operating costs: \$271,087 (expansion only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 20,000 Gross square feet/other: 0 Gross square feet/total: 20,000 Housing area square feet: 13,500 Gross square feet per inmate: 392 Size of cells: 100 square feet (gen. single); 102 (spec. double) Net/gross square feet: 65%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 15 Inmates per unit: 15 Management type: Remote surveillance November 1987 population: 51 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: None permitted</p> |
| <p>Security</p> <p>Perimeter: Single fence; alarm/detection system; towers; patrols; camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: Brick Interior walls: Cast-in-place concrete Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Epoxy coating Intercom: Two-way to common areas HVAC: Heating/air circulation; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 45 Double occupancy: 0 Dorms: 0 Special housing: 6 General population: 45 Total: 51</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 12 Programs/treatment: 2 Maintenance: 1 Total: 16 (expansion only) Current inmate/staff ratio: 4.31:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Slow concrete work, lengthy building time; site and security problems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between construction manager and owner Negative: Slow responses and delivery vendors, suppliers; poor coordination by contractor and lack of understanding of security requirements</p> |



St. Johnsbury Community Correctional Center

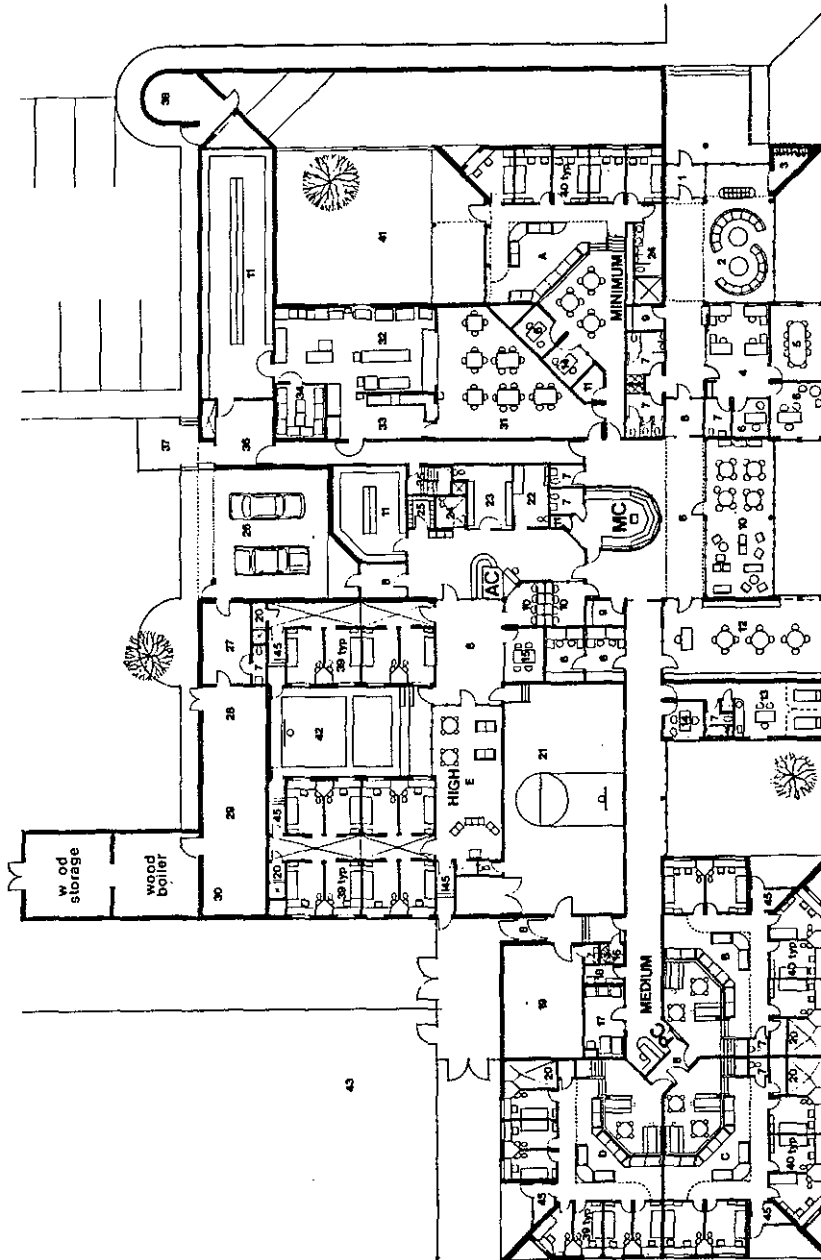
Jurisdiction official: Joseph J. Patrissi, Commissioner of Corrections, Agency of Human Services, Department of Corrections

Contact: Superintendent Raymond J. Pilette, St. Johnsbury Community Correctional Center, Route 5 South, RFD #3, St. Johnsbury, VT 05819, 802-748-8151.

Architect: Alexander/Truex/de Groot, 209 Battery Street, Burlington, VT 05401, 802-658-2775

Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: November 1979 Finish date: November 1981 Construction time: 24 months</p> | <p>Design capacity: 96 Total cost: \$4,200,000 Total annual operating costs: \$1,588,173</p> | <p>Category: New, independent facility Facility type: County jail, State prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$4,200,000 Building only: \$3,678,250 Housing area: \$3,500,000 Housing per inmate: \$38,043 Housing per cell: \$58,333 Total per inmate: \$43,750 Total per GSF: \$125.07 Total annual operating costs: \$1,588,173</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 33,580 Gross square feet/other: 0 Gross square feet/total: 33,580 Housing area square feet: 30,800 Gross square feet per inmate: 350 Size of cells: 96 square feet (max. sec.); 80 square feet (med.); 102 square feet (min.) Net/gross square feet: 61%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 28 Inmates per unit: 40 Management type: Direct supervision October 1985 population: 105 Facility commitment: State prisoners and local jail inmates Means to handle crowding: Mattresses on floor; second bunk attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior only; fence for exercise yard Inmate security level: Maximum: 12% Medium: 62% Minimum: 24% Other: 2%</p> | <p>Construction type</p> <p>Structural: Cast-in-place load bearing concrete walls, floors, and ceilings Exterior walls: Cast-in-place concrete; brick Interior walls: Cast-in-place concrete; brick Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; custom designed steel shaftways</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding (max.) Doors/locking: Remote locking and manual Floor surface: Epoxy coating Intercom: One-way to cells; two-way to common areas HVAC: Heating/air circulation; heat wheel; oil/wood heating plant; two separate boilers Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; fire mains and hoses; air pacs and portable extinguishers in control areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 28 Double occupancy: 64 Dorms: 0 Special housing: 4 General population: 92 Total: 96</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 7 Security: 41 Programs/treatment: 15 Maintenance: 7 Total: 70 Current inmate/staff ratio: 1.5:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market; large size Negative: Long lead time plus slow delivery of security items; complex electronic, mechanical, and electrical systems; government procedures, regulations, "red tape"</p> <p>Factors affecting time schedule: Positive: Advanced order of materials and hardware; coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers</p> |



MAIN FLOOR PLAN 1

- AC ADMISSIONS CONTROL
- MC MAIN CONTROL
- PA JANITOR
- A MINIMUM DAYROOM
- B MEDIUM DAYROOM
- C MEDIUM DAYROOM
- D MEDIUM DAYROOM
- E MAXIMUM DAYROOM
- 1 PUBLIC ENTRY
- 2 WAITING
- 3 COATS
- 4 ADMINISTRATION
- 5 RECEPTION
- 6 OFFICE
- 7 TOILET
- 8 SALLYPORT
- 9 VISITING
- 10 STORAGE
- 11 LIBRARY
- 12 COUNSEL
- 13 ALL PURPOSE
- 14 LAUNDRY W/ WASH
- 15 JANITOR STORAGE
- 16 VOCATIONAL
- 17 GYMNASIUM
- 18 HANDBAP ROOM
- 19 LOCKERS
- 20 TOILETS-WOMEN
- 21 LOCKERS
- 22 GARAGE
- 23 MAINTENANCE OFFICE
- 24 MAINTENANCE SHOP
- 25 BOILER ROOM
- 26 COOLING TOWER
- 27 KITCHEN
- 28 DISHWASHING
- 29 STAIR
- 30 SHIPPING/RECEIVING
- 31 LOADING DOCK
- 32 DOUBLE INMATE ROOM
- 33 SINGLE INMATE ROOM
- 34 RECREATION
- 35 HIGH RECREATION
- 36 MEDIUM RECREATION
- 37 CORRIDOR
- 38 EMERGENCY EXIT

Alexandria Detention Center

Jurisdiction official: James H. Dunning, Sheriff

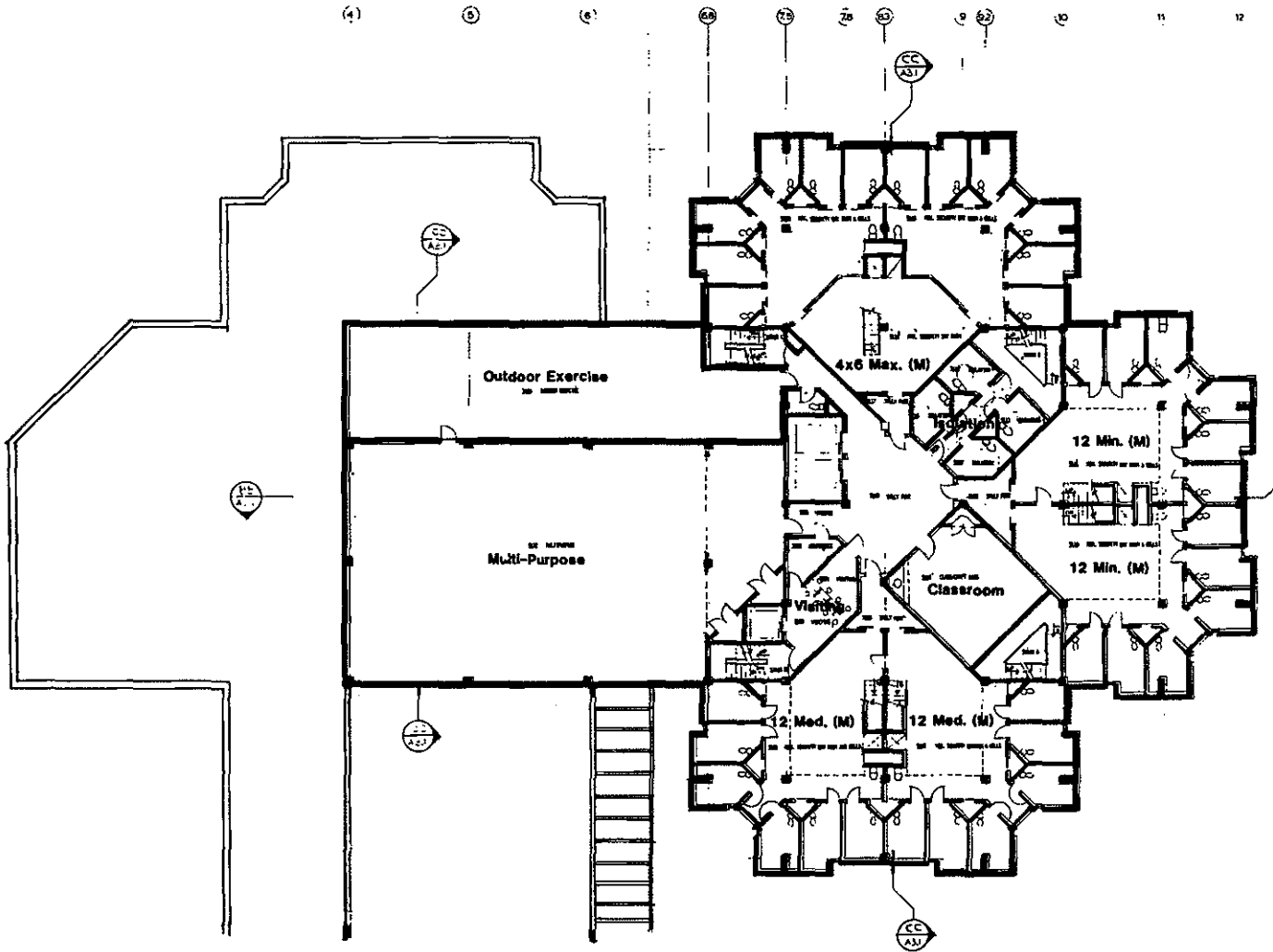
Contact: Sheriff James H. Dunning, Alexandria Detention Center, 2001 Mill Road, Alexandria, VA 22314, 703-838-4114

Architects: Phillips Swager Associates, 3622 North Knoxville, Peoria, IL 61603, 309-688-9511

VVKR, Inc., 901 Pitt Street, Alexandria, VA 22314, 703-549-9200

Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: February 1984 Finish date: August 1987 Construction time: 42 months</p> | <p>Design capacity: 346 Total cost: \$18,000,000 Total annual operating costs: \$9,709,532</p> | <p>Category: New, independent facility Facility type: Complex: city jail, law enforcement, court, E.O.C. Building configuration: Integrated structure; high rise</p> |
| <p>Costs</p> <p>Total: \$18,000,000 Building only: \$15,900,000 Housing area: \$13,200,000 Housing per inmate: \$38,150 Housing per cell: \$39,879 Total per inmate: N/A (complex) Total per GSF: \$84.19 Total annual operating costs: \$9,709,532</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 143,000 Gross square feet/other: 70,800 Gross square feet/total: 213,800 Housing area square feet: 120,000 Gross square feet per inmate: 413 Size of cells: 70 square feet (single); 1,700 (dorms) Net/gross square feet: 75%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 48 Inmates per unit: 48 Management type: Remote surveillance; direct supervision September 1987 population: 310 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Not necessary</p> |
| <p>Security</p> <p>Perimeter: Alarm/detection systems; video camera surveillance Inmate security level: Maximum: 10% Medium 67% Minimum: 23%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; Federal funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Unknown Doors/type: Swinging Doors/locking: Remote locking Floor surface: Carpet Intercom: Two-way to cells and common areas HVAC: Air conditioning Plumbing: Stainless steel Furniture: Steel; vinyl/plastic Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 330 Double occupancy: 0 Dorms: 16 Special housing: 0 General population: 346 Total: 346</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 23 Security: 93 Programs/treatment: 21 Maintenance: 8 Total: 145 Current inmate/staff ratio: 2.14:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Slow construction, lengthy building time Factors affecting time schedule: Positive: Coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers</p> |



 **THIRD FLOOR PLAN (EA)**
10-11-99
10-11-99

Augusta County Jail (Expansion)

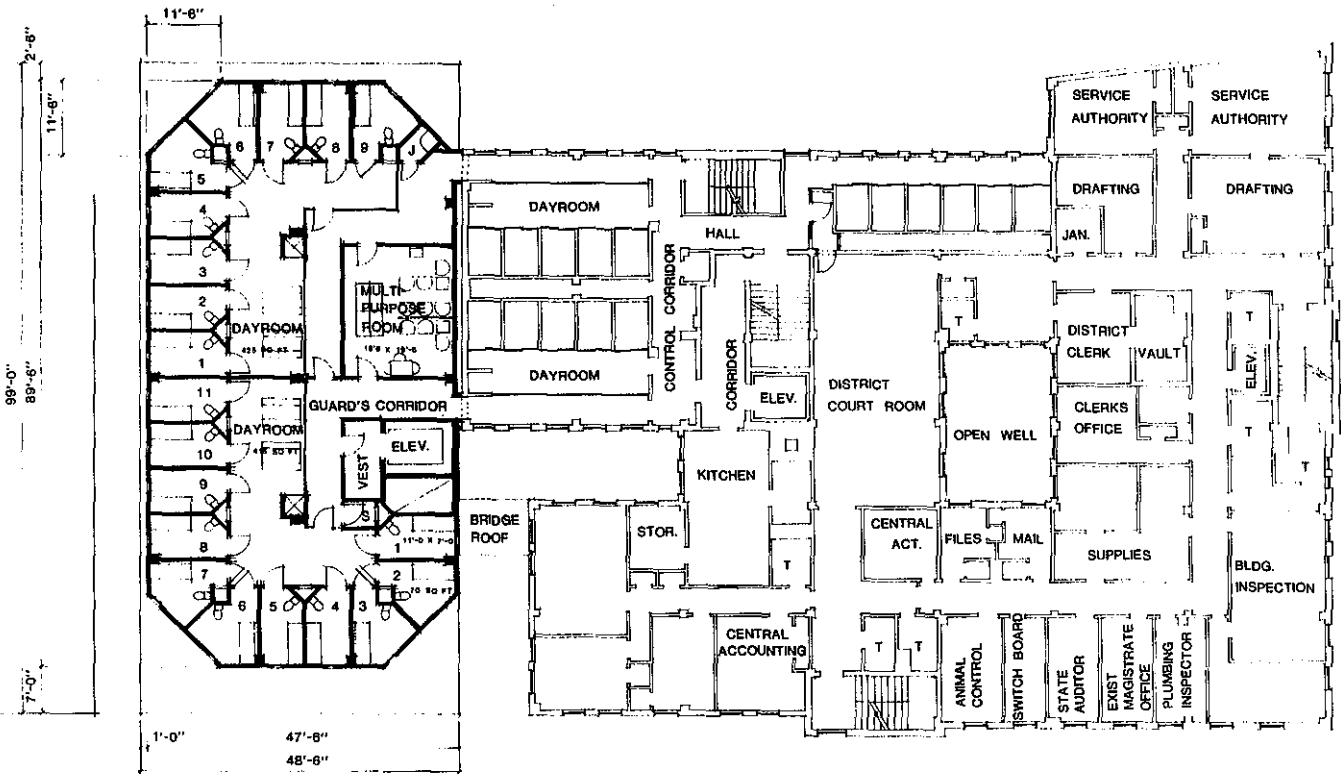
Jurisdiction official: Glenn Lloyd, Sheriff

Contact: Sheriff Glenn Lloyd, Augusta County Jail, P.O. Box 1267, 6 East Johnson Street, Staunton, VA 24401, 703-885-7253

Architect: Sherertz, Franklin, Crawford, Shaffner, 14 West Kirk Avenue, Roanoke, VA 24011, 703-344-6664

Construction manager: None

| | | |
|--|--|--|
| <p>Groundbreaking: July 1980 Finish date: April 1982 Construction time: 21 months</p> | <p>Design capacity: 61 Total cost: \$2,486,000 Total annual operating costs: N/A (expansion)</p> | <p>Category: Expansion project Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,486,000 Building only: \$2,392,600 Housing area: \$1,700,000 Housing per inmate: \$28,333 Housing per cell: \$28,333 Total per inmate: \$40,754 Total per GSF: \$87.57 Total annual operating costs: N/A (expansion)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 28,390 Gross square feet/other: 0 Gross square feet/total: 28,390 Housing area square feet: 12,500 Gross square feet per inmate: 465 Size of cells: 70 square feet (single) Net/gross square feet: 83%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 10 Inmates per unit: 10 Management type: Intermittent surveillance February 1987 population: 90 Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: CMU block; brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds; shared cost from multiple jurisdictions Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning; gas heat Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; sprinklers for common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 60 Double occupancy: 0 Dorms: 0 Special housing: 1 General population: 60 Total: 61</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 22 Programs/treatment: 1 Maintenance: 2 Total: 27 Current inmate/staff ratio: 3.33:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market Negative: Difficult site conditions; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Complex electronic, mechanical, and electrical systems; site conditions</p> |



SECOND FLOOR PLAN

1/8" = 1'-0"

Fairfax County Adult Detention Center and Pre-Release Center (Expansion)

Jurisdiction official: M. Wayne Huggins, Sheriff

Contact: Major Thomas J. Dever, Correctional Services Division, Fairfax County Adult Detention Center and Pre-Release Center, 10520 Judicial Drive, Fairfax, VA 22030, 703-246-7630

Architect: Henningson, Durham & Richardson, Inc., 12700 Hillcrest, Suite 125, Dallas, TX 75230, 214-980-0001

Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: October 1985 Finish date: January 1987 Construction time: 15 months</p> | <p>Design capacity: 300 Total cost: \$12,700,000 Total annual operating costs: \$1,914,250 (excluding utilities)</p> | <p>Category: Expansion project Facility type: Complex: county jail, sheriff's pre-release center Building configuration: Integrated structure; high rise</p> |
| <p>Costs</p> <p>Total: \$12,700,000 Building only: Unknown Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$42,333 Total per GSF: \$107.63 Total annual operating costs: \$1,914,250 (excluding utilities)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 118,000 Gross square feet/other: 0 Gross square feet/total: 118,000 Housing area square feet: Unknown Gross square feet per inmate: 393 Size of cells: 77 square feet (single) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 50 Inmates per unit: 50 Management type: Remote surveillance May 1987 population: 223 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Video camera surveillance Inmate security level: Maximum: 33% Medium: 33% Minimum: 0 Other: 34%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Architectural precast Interior walls: Cast-in-place concrete; CMU block; drywall in work release Exterior surface/facade: Colored concrete</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Terrazzo Intercom: Two-way to common areas HVAC: Air conditioning Plumbing: Stainless combination unit Furniture: Concrete Fire protection: Smoke detectors for cells; sprinklers for common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 200 Double occupancy: 0 Dorms: 0 Special housing: 100 General population: 200 Total: 300</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 7 Security: 33 Programs/treatment: 16 Maintenance: 3 Total: 59 (expansion only) Current inmate/staff ratio: 3.78:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Slow construction, lengthy building time</p> <p>Factors affecting time schedule: Positive: Coordination of design between parties Negative: Slow responses and delivery from vendors, suppliers</p> |

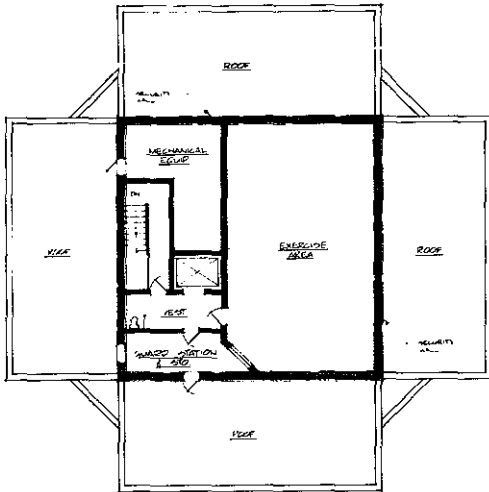


Pittsylvania County Jail

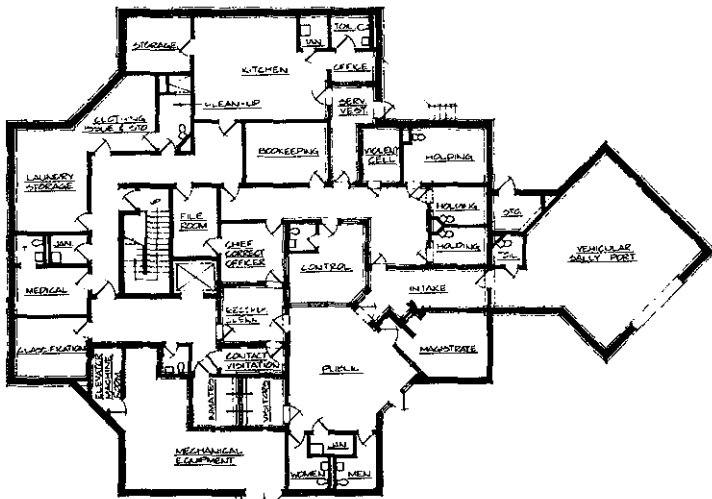
Jurisdiction official: T.E. McGregor, Sheriff

Contact: T.E. Yeatts, Jail Administrator, Pittsylvania County Jail, P.O. Box 336, Bank Street, Chatham, VA 24531, 804-432-2041
Architect: Sherertz, Franklin, Crawford, Shaffner, 14 West Kirk Avenue, Roanoke, VA 24011, 703-344-6664
Construction manager: None

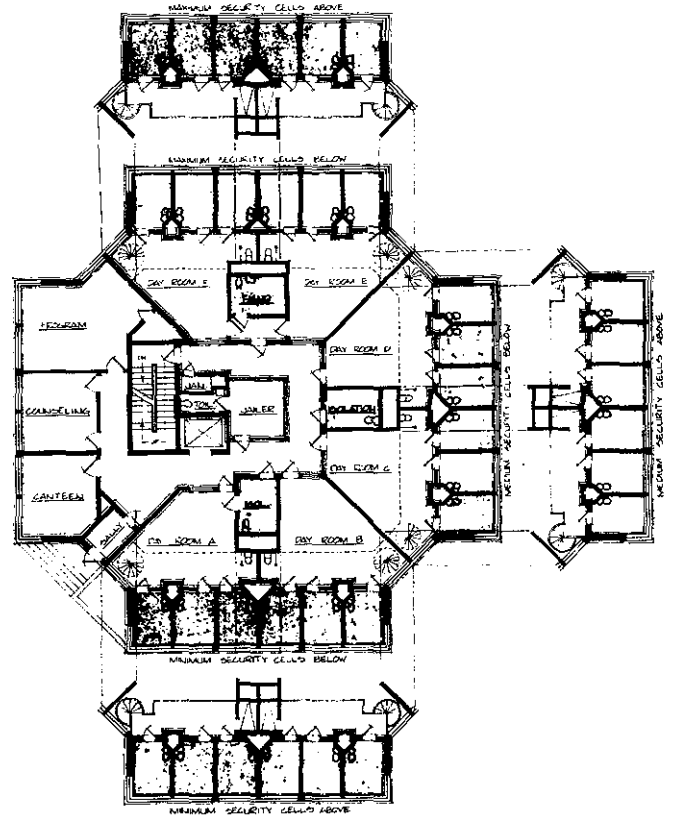
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|---|--|--|
| <p>Groundbreaking: March 1980 Finish date: June 1981 Construction time: 15 months</p> | <p>Design capacity: 39 Total cost: \$1,700,000 Total annual operating costs: \$684,463</p> | <p>Category: New, independent facility Facility type: County jail Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,700,000 Building only: \$1,674,400 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$43,590 Total per GSF: \$96.06 Total annual operating costs: \$684,463</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 17,697 Gross square feet/other: 0 Gross square feet/total: 17,697 Housing area square feet: 8,850 Gross square feet per inmate: 454 Size of cells: 70 square feet (single) Net/gross square feet: 81%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 6 Inmates per unit: 6 Management type: Remote surveillance April 1986 population: 45 Facility commitment: Local jail inmates Means to handle crowding: Mattresses on floor; second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 33% Medium: 33% Minimum: 33%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: CMU block; brick Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: Federal, State, and local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid Doors/type: Swinging Doors/locking: Remote locking Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning; electric heat pumps Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 36 Double occupancy: 0 Dorms: 0 Special housing: 3 General population: 36 Total: 39</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 3 Security: 19 Programs/treatment: 2 Maintenance: 2 Total: 26 Current inmate/staff ratio: 1.73:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: Slow construction; difficult site conditions; government red tape; conflict in Federal and State funding regulations</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; government red tape; conflict between State and Federal regulations</p> |



ROOF PLAN
10'-11"0"



GROUND FLOOR PLAN
10'-11"0"



FIRST FLOOR PLAN
10'-11"0"

Roanoke City Jail

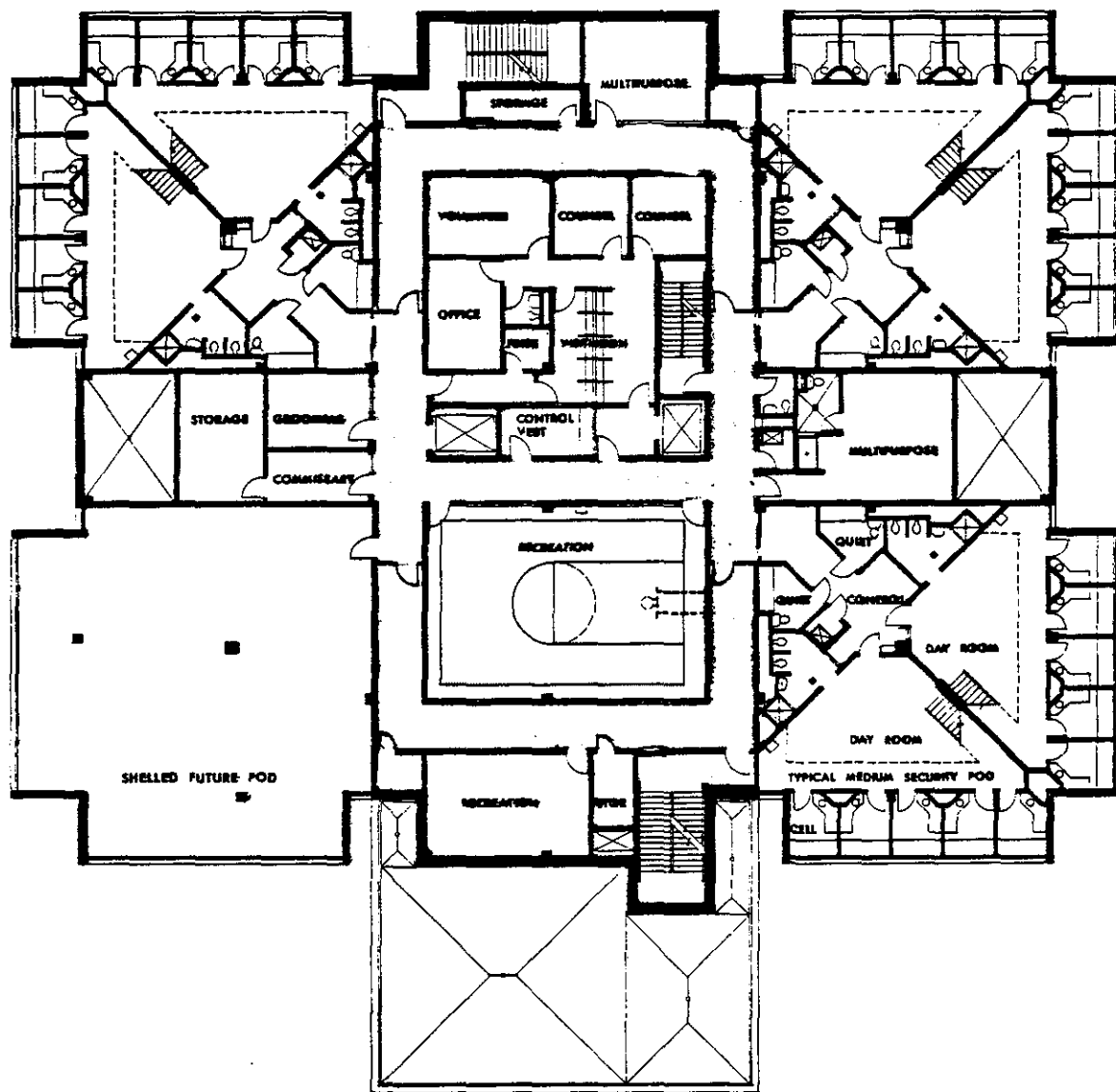
Jurisdiction official: W. Alvin Hudson, Sheriff

Contact: Sheriff W. Alvin Hudson, Sheriff's Department, 316 Campbell Avenue, Roanoke, VA 24016, 703-981-2721

Architect: Hayes, Seay, Mattern and Mattern, P.O. Box 13446, 1315 Franklin Road SW., Roanoke, VA 24034, 703-343-6971

Construction manager: None

| | | |
|--|--|--|
| <p>Groundbreaking: July 1977 Finish date: July 1979 Construction time: 24 months</p> | <p>Design capacity: 201 Total cost: \$5,813,110 Total annual operating costs: \$2,573,363</p> | <p>Category: New, independent facility; phased project (future) Facility type: Complex: city jail and sheriff's office Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$5,813,110 Building only: \$5,471,500 Housing area: \$1,924,934 Housing per inmate: \$11,458 Housing per cell: \$11,458 Total per inmate: N/A (complex) Total per GSF: \$62.19 Total annual operating costs: \$2,573,363</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 80,554 (+ 8,110 future) Gross square feet/other: 4,816 Gross square feet/total: 93,480 Housing area square feet: 32,888 Gross square feet per inmate: 401 Size of cells: 63 square feet (single) Net/gross square feet: 51%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 20 per pod, 10 per dayroom Inmates per unit: 20 Management type: Remote surveillance; TV; and rounds October 1985 population: 192 Facility commitment: Local jail inmates Means to handle crowding: Second bunk permanently attached to wall; beds in chapel</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 18% Medium: 40% Minimum: 42%</p> | <p>Construction type</p> <p>Structural: Load bearing precast panels and cast-in-place frame Exterior walls: Architectural precast Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Textured concrete</p> | <p>Construction process</p> <p>Finance method: Local funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding (max.); swinging (max. and min.) Doors/locking: Remote locking (max.); manual and remote locking (max. and min.) Floor surface: Epoxy coating Intercom: Two-way to common areas HVAC: Air conditioning; electric heating—electric resistance and electric terminal reheat Plumbing: Stainless Furniture: Steel Fire protection: Manual alarm stations; smoke detectors in HVAC ducts</p> | <p>Inmate design capacity</p> <p>Single occupancy: 168 Double occupancy: 0 Dorms: 0 Special housing: 33 General population: 168 Total: 201</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 12 Security: 57 Programs/treatment: 11 Maintenance: 3 Total: 83 Current inmate/staff ratio: 2.31:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; good competition, favorable market; precast concrete exterior walls Negative: Shelled space and provisions for future construction</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly; simple construction methods, repetitiveness of design; precast concrete exterior walls Negative: None</p> |



Benton County Justice Center

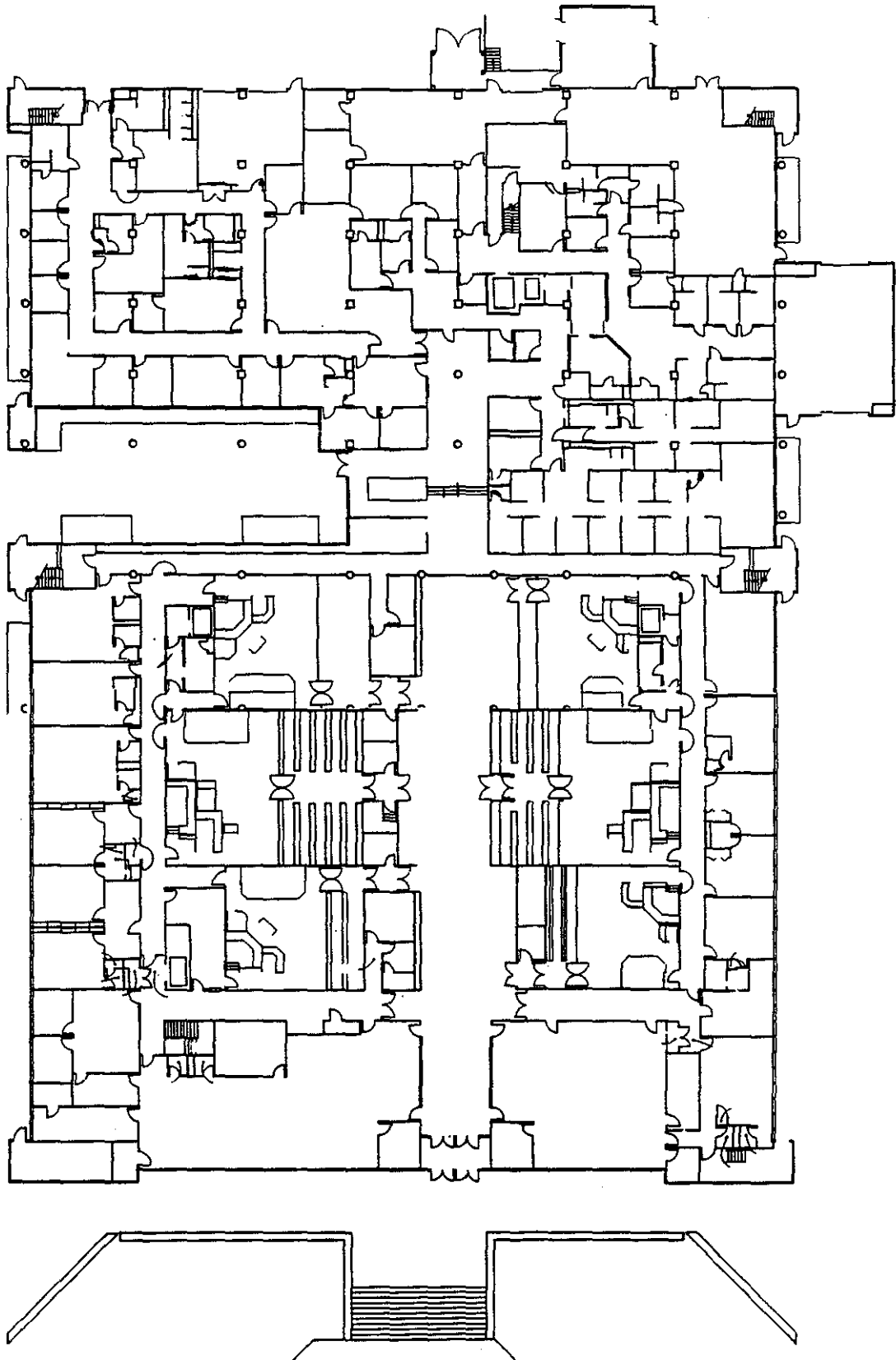
Jurisdiction official: Jim Kennedy, Sheriff

Contact: Bernie Freeman, Jail Administrator, Benton County Justice Center, 7320 West Quinault, Kennewick, WA 99336, 509-735-6555

Architect: Henningson, Durham & Richardson, Inc., 12700 Hillcrest, #125, Dallas, TX 75230, 214-980-0001

Construction manager: None

| | | |
|--|---|--|
| <p>Groundbreaking: October 1982 Finish date: October 1983 Construction time: 12 months</p> | <p>Design capacity: 103 Total cost: \$11,442,995 Total annual operating costs: \$1,230,989</p> | <p>Category: New, independent facility Facility type: Complex: county jail; law enforcement, courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$11,442,995 Building only: \$10,957,995 Housing area: \$4,300,000 Housing per inmate: \$48,864 Housing per cell: \$74,138 Total per inmate: N/A (complex) Total per GSF: \$118.18 Total annual operating costs: \$1,230,989</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 29,069 Gross square feet/other: 67,758 Gross square feet/total: 96,827 Housing area square feet: 17,295 Gross square feet per inmate: 282 Size of cells: Unknown Net/gross square feet: 72%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 16 Inmates per unit: 16 Management type: Remote surveillance March 1987 population: 109 Facility commitment: Local jail inmates Means to handle crowding: Bunk beds; mattresses on floor; beds in dayroom; second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 0 Medium: 85% Minimum: 15%</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Precast panels Interior walls: CMU block Exterior surface/facade: Natural wall</p> | <p>Construction process</p> <p>Finance method: Local funds; State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; precast components</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; steel Doors/type: Swinging; sliding Doors/locking: Remote locking Floor surface: Linoleum Intercom: Two-way to common areas HVAC: Heating/air circulation; steam heat Plumbing: Stainless combination unit Furniture: Vinyl/plastic Fire protection: Smoke detectors and sprinklers for cells</p> | <p>Inmate design capacity</p> <p>Single occupancy: 64 Double occupancy: 0 Dorms: 39 Special housing: 15 General population: 88 Total: 103</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 2 Security: 33 Programs/treatment: 1 Maintenance: 0 Total: 36 Current inmate/staff ratio: 3.03:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly Negative: High labor costs</p> <p>Factors affecting time schedule: Positive: Use of prefabricated components, factory assembly Negative: Weather problems</p> |



Forks City Jail (Addition)

Jurisdiction official: Kenneth W. Bryson, Chief of Police

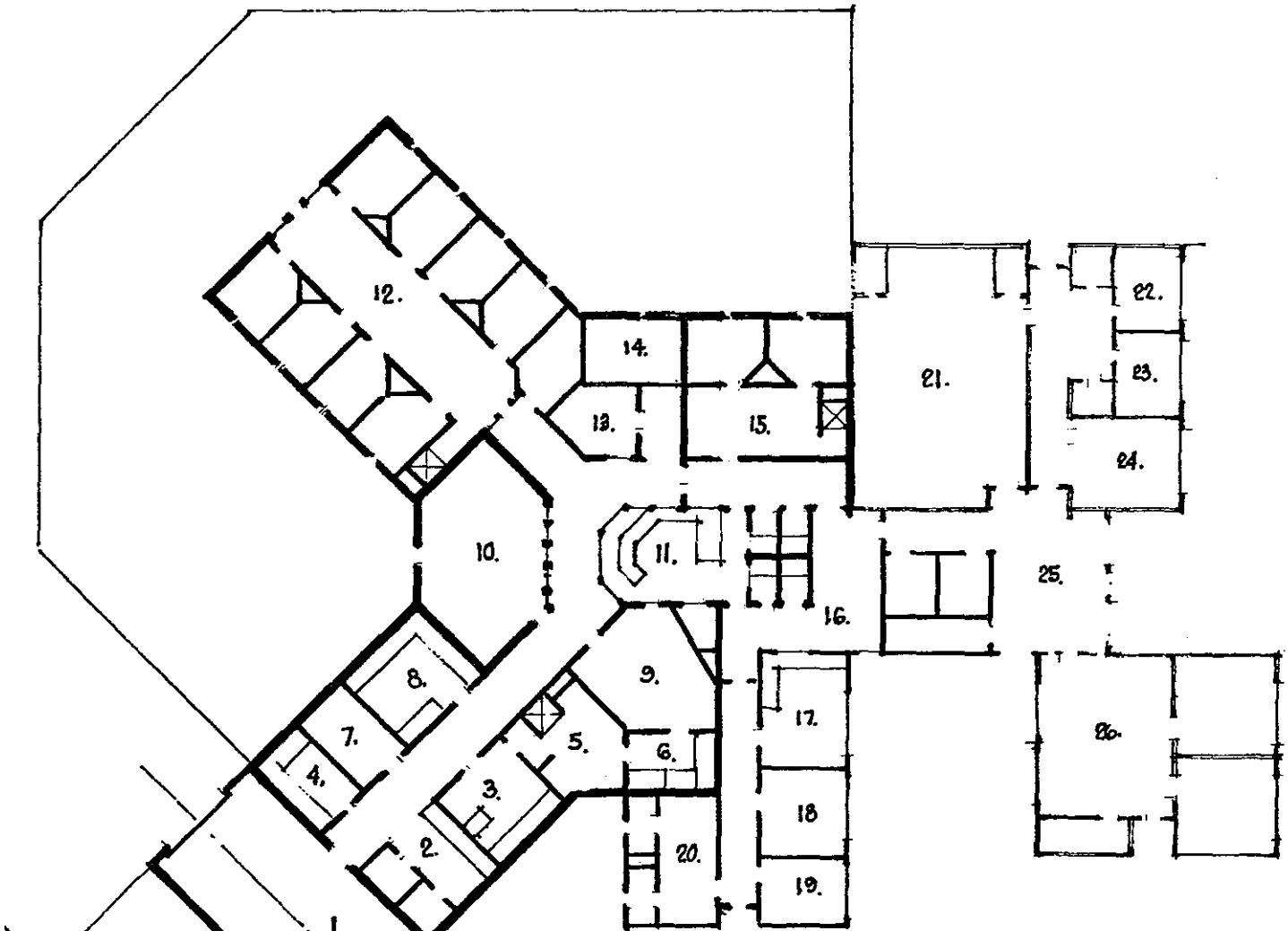
Contact: Chief Kenneth W. Bryson, Forks City Jail, Fifth and Division, P.O. Box 28, Forks, WA 98331, 206-374-2223

Architects: Johnston/Hunt & Associates, P.S., 1112 East Front Street, Port Angeles, WA 98362, 206-683-5584

Johnston Associates, 299 Old Blyn Highway, Sequim, WA 98382, 206-683-5584

Construction manager: None

| | | |
|--|---|---|
| <p>Groundbreaking: July 1982 Finish date: August 1983 Construction time: 13 months</p> | <p>Design capacity: 14 Total cost: \$773,916 Total annual operating costs: \$164,500 (addition only)</p> | <p>Category: New, ancillary building Facility type: Complex: city jail, law enforcement, courts, City Hall Building configuration: Wheel, spoke or radial</p> |
| <p>Costs</p> <p>Total: \$773,916 Building only: \$752,916 Housing area: \$526,891 Housing per inmate: \$47,899 Housing per cell: \$47,899 Total per inmate: N/A (complex) Total per GSF: \$68.84 Total annual operating costs: \$164,500 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 6,200 Gross square feet/other: 5,042 Gross square feet/total: 11,242 Housing area square feet: 4,715 Gross square feet per inmate: 443 Size of cells: 73 square feet (single) Net/gross square feet: 82%</p> <p>Construction type</p> <p>Structural: Load bearing precast panels and masonry Exterior walls: Precast panels and sandwich panels Interior walls: CMU block Exterior surface/facade: Paint</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 8 Inmates per unit: 8 Management type: Remote surveillance May 1986 population: 4 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Single fence Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 11 Double occupancy: 0 Dorms: 0 Special housing: 3 General population: 11 Total: 14</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 10 Programs/treatment: N/A Maintenance: N/A Total: 11 (addition only) Current inmate/staff ratio: 0.36:1</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive; concrete sandwich and plain panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat pump Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations; sprinklers operated manually for cells, electrically from control room</p> | | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; good design Negative: Slow construction, lengthy building time; difficult site conditions; bad weather</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; ordering materials and hardware 6 months ahead of bidding; coordination of design between parties; architect also project manager Negative: Extremely rainy; complex electronic, mechanical, and electrical systems</p> |



- | | |
|---------------------|-------------------------|
| 1. Drive thru Salle | 14. Interview |
| 2. Holding | 15. Female Cell Block |
| 3. Receiving | 16. Visitors |
| 4. Property | 17. Reception - Records |
| 5. Strip Search | 18. Staff |
| 6. Laundry | 19. Administrator |
| 7. Medical | 20. Staff Lockers |
| 8. Kitchen | 21. Court Room |
| 9. Indoor Rec. | 22. Judge |
| 10. Outdoor Rec. | 23. Jury |
| 11. Control | 24. Court Clerk |
| 12. Male Cell Block | 25. Public Lobby |
| 13. Crisis | 26. City Administration |

Jefferson County Correctional Facility

Jurisdiction official: L.B. Smith, Sheriff

Contact: Sheriff L.B. Smith, Jefferson County Correctional Facility, 81 Elkins Road, Hadlock, WA 98339, 206-385-3831

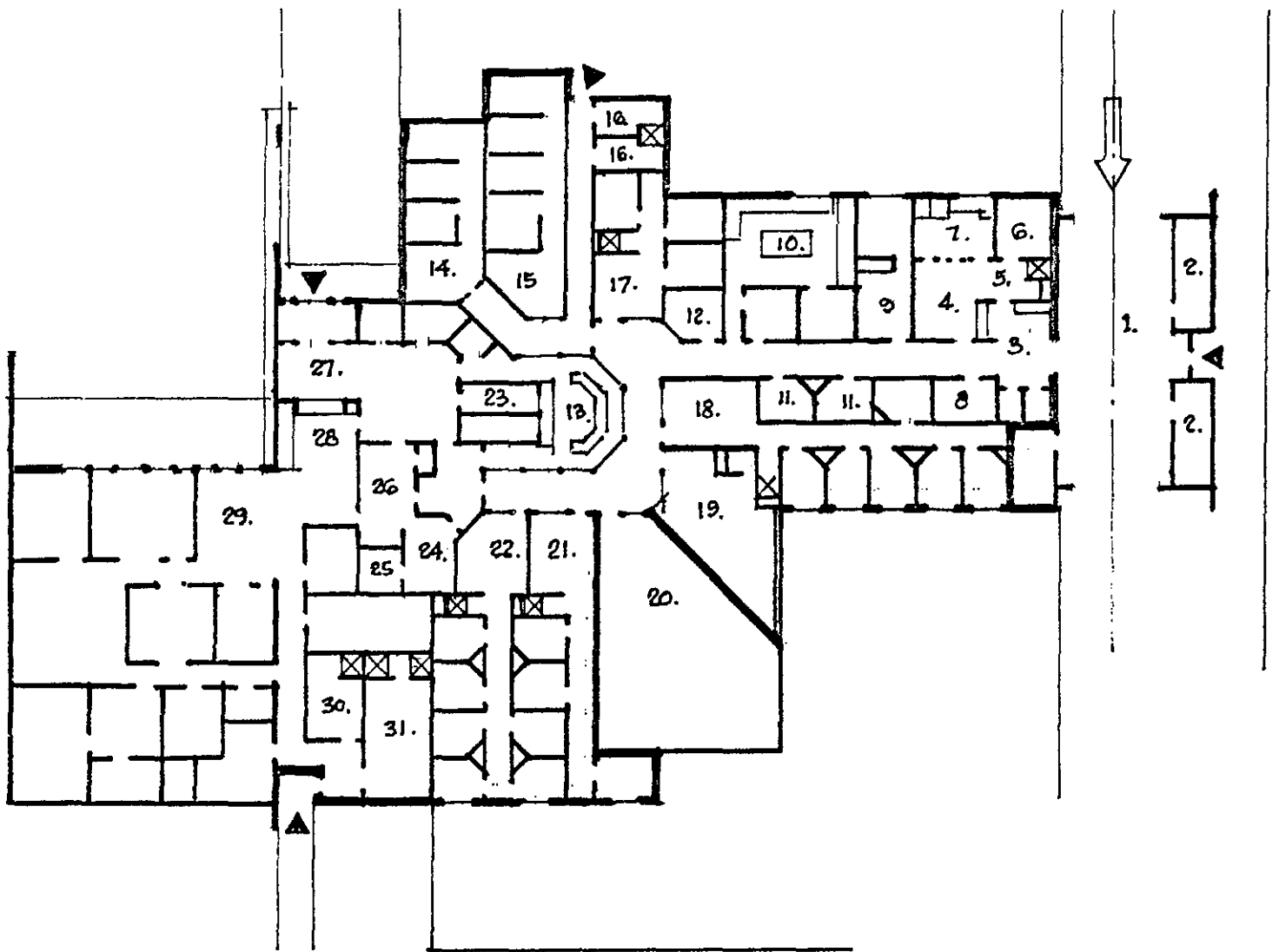
Mailing Address: Jefferson County Correctional Facility, P.O. Box 1220, Port Townsend, WA 98339

Architects: Johnston/Hunt & Associates, P.S., 1112 East Front Street, Port Angeles, WA 98362, 206-683-5584

Johnston Associates, 299 Old Blyn Highway, Sequim, WA 98382, 206-683-5584

Construction manager: Johnston/Hunt & Associates, above

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| <p>Groundbreaking: October 1983 Finish date: July 1985 Construction time: 21 months</p> | <p>Design capacity: 33 Total cost: \$2,093,328 Total annual operating costs: \$234,111</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement, FEMA emergency center Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$2,093,328 Building only: \$2,032,950 Housing area: \$1,207,234 Housing per inmate: \$60,362 Housing per cell: \$60,362 Total per inmate: N/A (complex) Total per GSF: \$116.70 Total annual operating costs: \$234,111</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 11,636 Gross square feet/other: 6,302 Gross square feet/total: 17,938 Housing area square feet: 11,636 Gross square feet per inmate: 353 Size of cells: 73 square feet (single) Net/gross square feet: 84%</p> <p>Construction type</p> <p>Structural: Load bearing precast panels; bearing masonry Exterior walls: Precast panels and sandwich panels Interior walls: Cast-in-place concrete Exterior surface/facade: Paint</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside (high ceilings) Cells per unit: 6 Inmates per unit: 6 Management type: Intermittent and remote surveillance May 1986 population: 24 Facility commitment: Local jail inmates; State prisoners Means to handle crowding: Removable second bunks</p> |
| <p>Security</p> <p>Perimeter: Single fence; video camera surveillance Inmate security level: Maximum: 61% Medium: 39% Minimum: 0</p> | <p>Inmate design capacity</p> <p>Single occupancy: 20 Double occupancy: 0 Dorms: 0 Special housing: 13 General population: 20 Total: 33</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 6 Programs/treatment: 2 Maintenance: 2 Total: 11 Current inmate/staff ratio: 2.18:1</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds; Federal, State, and local funds Contract method: Conventional; second contractor takeover Use of inmate labor: None Use of prefabrication: Extensive; sandwich and roof panels</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Motor driven and remote locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Heating/air circulation; electric and heat recovery Plumbing: Stainless combination unit Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | | <p>Architects' reported analyses</p> <p>Factors affecting construction costs: Positive: Prefabricated components, factory assembly; good competition, favorable market Negative: Slow construction, lengthy building time; complex electronic, mechanical, and electrical systems</p> <p>Factors affecting time schedule: Positive: None Negative: None</p> |



- | | | |
|---------------------|--------------------------|---------------------------|
| 1. Drive thru Salle | 13. Control | 22. Cell Block F |
| 2. Storage | 14. Cell Block A | 23. Visitation |
| 3. Holding | (Work Release) | 24. Arraignment |
| 4. Receiving | 15. Cell Block B | 25. Interview |
| 5. Strip Search | (Work Release) | 26. Jail Administrator |
| 6. Property | 16. Work Release | 27. Public Lobby |
| 7. Laundry | (Clothes Change) | 28. Reception |
| 8. Janitor | 17. Cell Block C (Women) | 29. Sheriff's Department |
| 9. Medical | 18. Cell Block D | 30. Staff Lockers (women) |
| 10. Kitchen | 19. Indoor Recreation | 31. Staff Lockers (men) |
| 11. Segregation | 20. Outdoor Recreation | |
| 12. Crisis | 21. Cell Block E | |

Thurston County Corrections Facility (Remodel/Expansion)

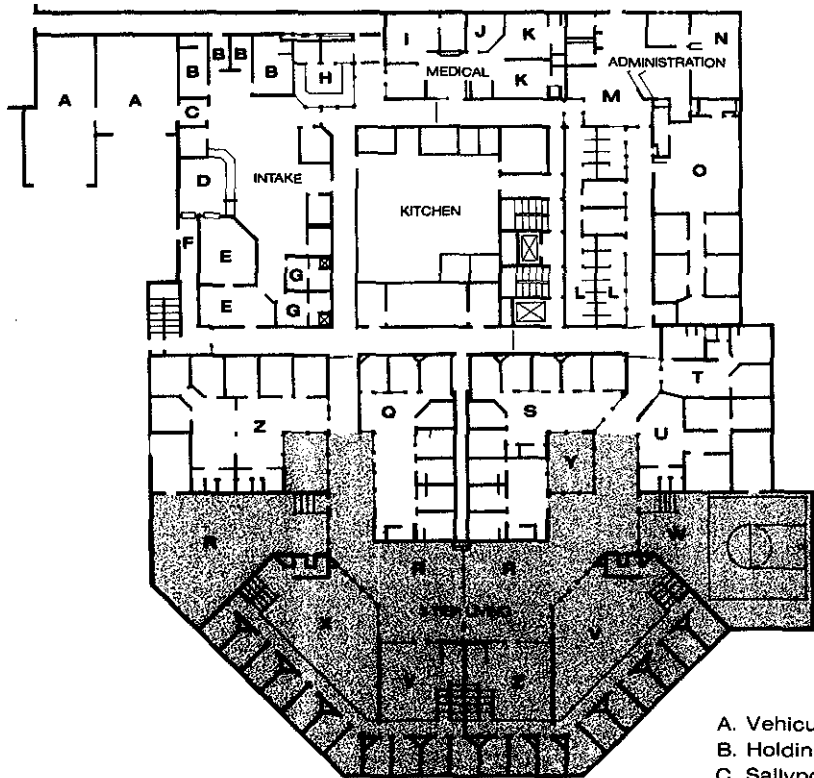
Jurisdiction official: Dan Montgomery, Sheriff

Contact: James P. Bachmeier, Chief Deputy/Corrections Bureau, Thurston County Corrections Facility, 2000 Lakeridge Drive, Olympia, WA 98502, 206-786-5505

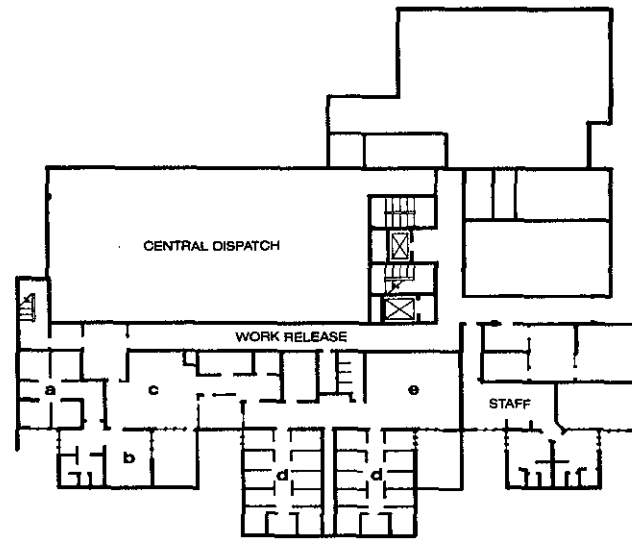
Architect: The BJSS Group, Architects & Planners, AIA, 320 West Bay Drive, Suite 212, Olympia, WA 98502, 206-943-4650

Construction manager: None

| | | |
|---|--|--|
| <p>Groundbreaking: September 1983 Finish date: May 1986 Construction time: 32 months</p> | <p>Design capacity: 158 Total cost: \$3,931,394 Total annual operating costs: \$1,240,000</p> | <p>Category: Remodeling/renovation project; expansion Facility type: Complex: county jail, law enforcement, courts, county offices Building configuration: Integ. structure</p> |
| <p>Costs</p> <p>Total: \$3,931,394 Building only: \$3,706,994 Housing area: \$1,240,000 Housing per inmate: \$11,481 Housing per cell: \$16,104 Total per inmate: N/A (complex) Total per GSF: \$45.41 Total annual operating costs: \$1,240,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 64,066 Gross square feet/other: 22,515 Gross square feet/total: 86,581 Housing area square feet: 22,800 Gross square feet per inmate: 405 Size of dorms: 800 square feet Net/gross square feet: 80%</p> <p>Construction type</p> <p>Structural: Load bearing precast panels; steel frame Exterior walls: Precast panels; architectural precast Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Stucco; paint; wall coating on precast concrete</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 15 Inmates per unit: 15 Management type: Remote surveillance June 1986 population: 145 Facility commitment: Local jail inmates Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 27% Medium 20% Minimum: 53%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 72 Double occupancy: 0 Dorms: 36 Special housing: 50 General population: 108 Total: 158</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 3 Security: 34 Programs/treatment: 2 Maintenance: 2 Total: 41 Current inmate/staff ratio: 3.54:1</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Extensive; architectural precast concrete wall panels; concrete plank structure</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; wooden; steel Doors/type: Swinging Doors/locking: Motor driven and remote locking; manual locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; electric heat Plumbing: China; stainless combination unit Furniture: Steel; wood; vinyl/plastic; concrete Fire protection: Smoke detectors for cells; sprinklers for common areas</p> | | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Prefab. components, factory assembly; precast concrete; less expensive materials and hardware; simple construction methods Negative: Slow construction, lengthy building time; con. phasing to allow occupancy during con.; high labor costs; complex electronic, mech., and electrical systems</p> <p>Factors affecting time schedule: Positive: Use of prefab. components, factory assembly; simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; complex systems</p> |



MIDLEVEL PLAN



LOWER LEVEL PLAN

- | | | |
|---------------------------|-------------------------|-----------------------|
| A. Vehicular Sallyport | L. Visiting | W. Outdoor Recreation |
| B. Holding Cells | M. Public Lobby | X. 72 Hour Holding |
| C. Sallyport | N. Training/Conference | Y. Male Maximum |
| D. Booking | O. Trustee | Z. Male Minimum |
| E. Storage | P. Minimum Security | |
| F. Work Release/Check-in | Q. Male Special Holding | |
| G. Strip Search/Delousing | R. Program | a. Female Dorm |
| H. Master Control | S. Female Maximum | b. Female Dayroom |
| I. Examination | T. Female Minimum | c. Common Dayroom |
| J. Office | U. Female Medium | d. Men's Dorm |
| K. Infirmary | V. Male Medium | e. Men's Dayroom |

Existing/Remodel



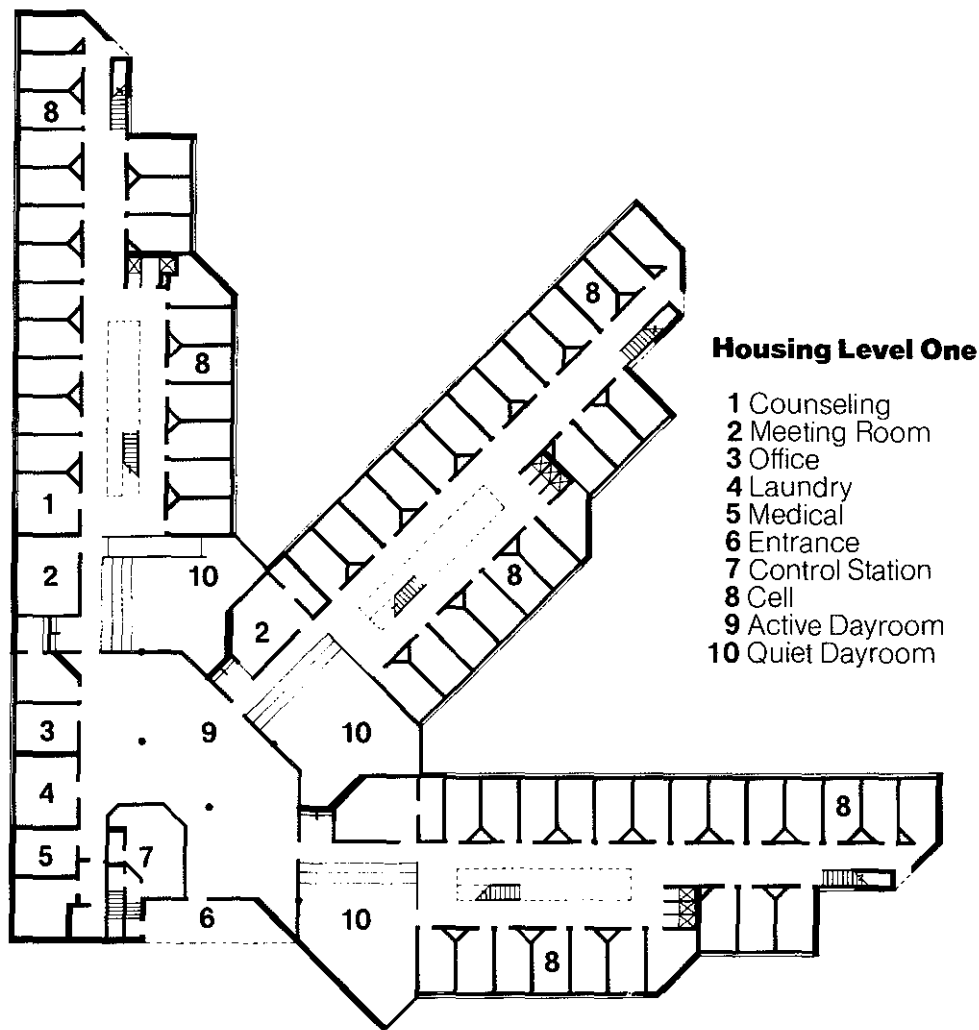
Expansion

Twin Rivers Corrections Center

Jurisdiction official: Chase Riveland, Secretary, Department of Corrections

Contact: Superintendent Janet Barbour, Twin Rivers Corrections Center, P.O. Box 888, Monroe, WA 98272, 206-794-2515
Architect: TRA, Architecture Engineering Planning Interiors, 215 Columbia, Seattle, WA 98104-1551, 206-682-1331
Design consultants: Hellmuth, Obata & Kassabaum, Inc., One Lombard Street, San Francisco, CA 94111, 415-627-1600
Construction manager: None

| | | |
|---|--|---|
| <p>Groundbreaking: May 1981 Finish date: March 1984 Construction time: 34 months</p> | <p>Design capacity: 545 Total cost: \$26,500,000 Total annual operating costs: \$10,330,237</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Wheel; campus</p> |
| <p>Costs</p> <p>Total: \$26,500,000 Building only: \$24,763,598 Housing area: \$11,930,274 Housing per inmate: \$23,861 Housing per cell: \$23,861 Total per inmate: \$48,624 Total per GSF: \$104.91 Total annual operating costs: \$10,330,237</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 252,590 Gross square feet/other: 0 Gross square feet/total: 252,590 Housing area square feet: 109,400 Gross square feet per inmate: 481 Size of cells: 80 square feet (single) Net/gross square feet: 95%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 125 Inmates per unit: 125 Management type: Remote surveillance; patrols October 1985 population: 524 Facility commitment: State prisoners Means to handle crowding: Second bunk permanently attached to wall</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection system; razor wire on fence Inmate security level: Maximum: 5% Medium: 95% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Tilt-up concrete Interior walls: CMU block Exterior surface/facade: Stucco over metal lath and insulation</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Integral color concrete Intercom: Nurse call feature at cells; two-way to common areas HVAC: Heating/air circulation only; limited air-conditioning Plumbing: Stainless Furniture: Painted steel—custom designed Fire protection: Smoke detectors in duct work; sprinklers in corridors, exit ways and group areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 500 Double occupancy: 0 Dorms: 0 Other: 20 Special housing: 25 General population: 520 Total: 545</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 22.5 Security: 163 Programs/treatment: 39.5 Maintenance: 27 Total: 252 Current inmate/staff ratio: 2.08:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Advanced correctional concepts; coordination of value engineering by architect and owner Negative: None</p> <p>Factors affecting time schedule: Positive: None Negative: Slow responses and delivery from vendors, suppliers; weather problems</p> |



Washington Corrections Center Intensive Management Unit (Addition)

Jurisdiction official: Chase Riveland, Secretary, Department of Corrections

Contact: Superintendent Kurt S. Peterson, Washington Corrections Center IMU, P.O. Box 900, Shelton, WA 98584, 206-426-4433

Architect: The BJSS Group Architects/Planners, 320 West Bay Drive, Suite 212, Olympia, WA 98502, 206-943-4650

Construction manager: The BJSS Group, 320 West Bay Drive, Suite 212, Olympia, WA 98502, 206-943-4650

| | | |
|---|---|---|
| <p>Groundbreaking: November 1983 Finish date: December 1984 Construction time: 13 months</p> | <p>Design capacity: 124 Total cost: \$7,134,000 Total annual operating costs: \$1,077,273 (addition only)</p> | <p>Category: New, ancillary building Facility type: State prison Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$7,134,000 Building only: \$6,740,000 Housing area: \$6,740,000 Housing per inmate: \$54,355 Housing per cell: \$54,355 Total per inmate: \$57,532 Total per GSF: \$164.71 Total annual operating costs: \$1,077,273 (addition only)</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 43,313 Gross square feet/other: 0 Gross square feet/total: 43,313 Housing area square feet: 43,313 Gross square feet per inmate: 349 Size of cells: 82 square feet (spec. single) Net/gross square feet: 88%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 20 Inmates per unit: 20 Management type: Remote surveillance June 1986 population: 111 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; razor wire on and between fences; towers; patrols; camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Structural: Load bearing precast panels; cast-in-place concrete frame Exterior walls: Precast panels; cast-in-place concrete Interior walls: Precast panels; cast-in-place concrete; CMU block Exterior surface/facade: Stucco; paint</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Carpet; sealed concrete Intercom: Two-way to cells and common areas HVAC: Air conditioning; steam heat Plumbing: Stainless steel; stainless combination unit Furniture: Steel Fire protection: Smoke detectors for cells and common areas; override and control/monitoring in control booth</p> | <p>Inmate design capacity</p> <p>Single occupancy: 0 Double occupancy: 0 Dorms: 0 Special housing: 124 General population: 0 Total: 124</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 3 Security: 33 Programs/treatment: 5 Maintenance: 0 Total: 41 (addition only) Current inmate/staff ratio: 2.71:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: High labor costs; difficult site conditions</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design; coordination of design between parties Negative: Weather problems</p> |

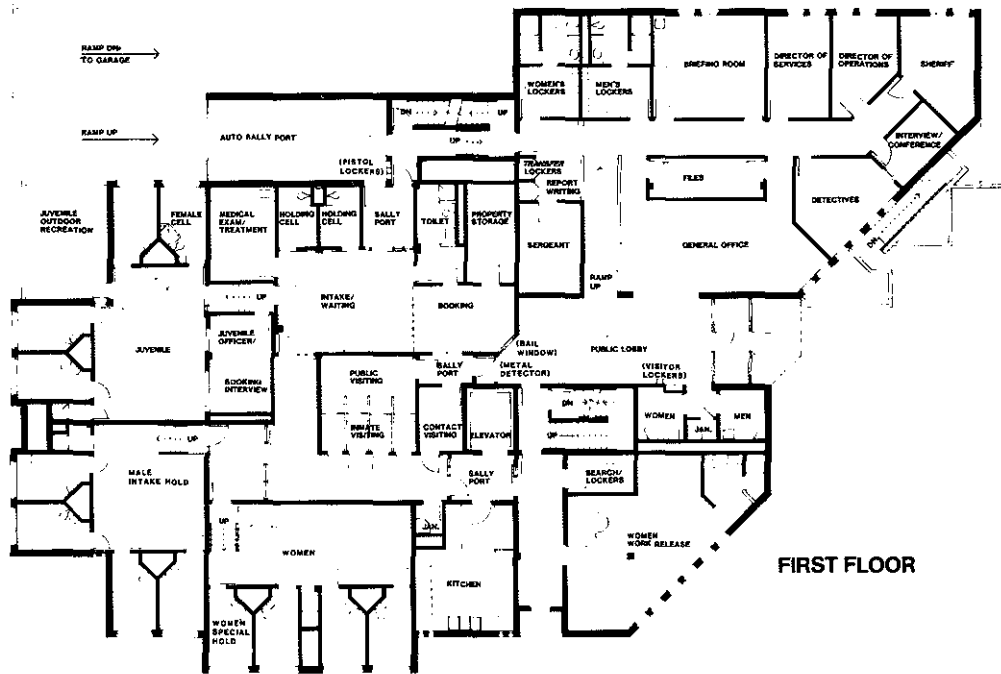
(No floorplan available at time of publication)

Whitman County Correctional Facility

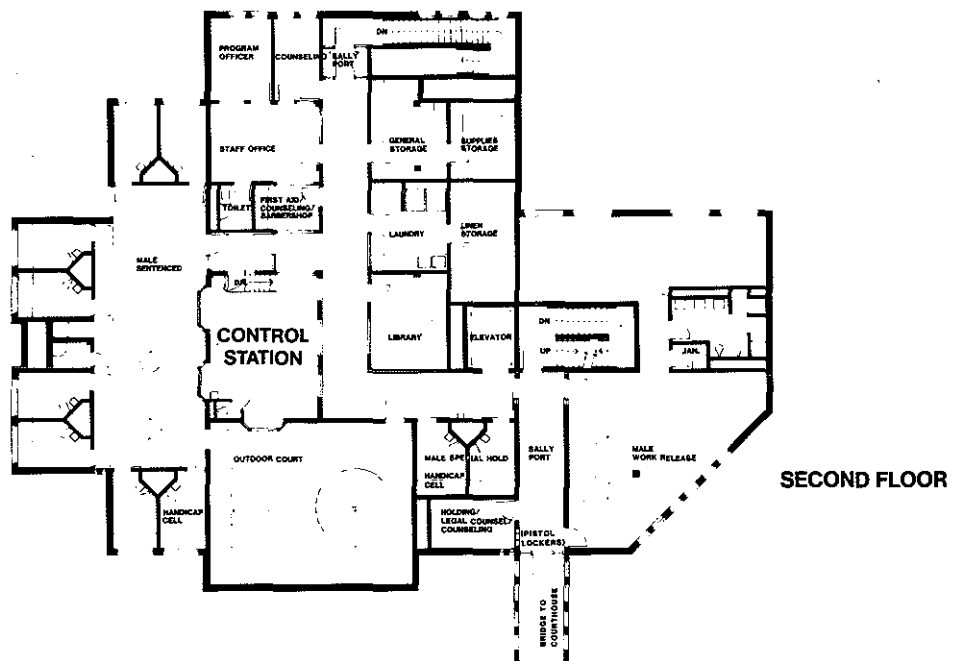
Jurisdiction official: Steve Tomson, Sheriff

Contact: Captain Richard Lally, Facility Commander, Whitman County Correctional Facility, Colfax, WA 99111, 509-397-4262
Architect: Northwest Architectural Company, West 1203 Riverside, Spokane, WA 99201, 509-838-8240
Justice design consultant: The Gruzen Partnership, 251 Post Street, San Francisco, CA 94108, 415-956-5515
Construction manager: None

| | | |
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| <p>Groundbreaking: October 1982 Finish date: April 1984 Construction time: 18 months</p> | <p>Design capacity: 38 Total cost: \$3,000,000 Total annual operating costs: \$330,000</p> | <p>Category: New, independent facility Facility type: Complex: county jail, county sheriff, county offices Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,000,000 Building only: \$2,900,000 Housing area: \$1,027,010 Housing per inmate: \$27,027 Housing per cell: \$42,792 Total per inmate: N/A (complex) Total per GSF: \$106.19 Total annual operating costs: \$330,000</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 16,660 Gross square feet/other: 11,590 Gross square feet/total: 28,250 Housing area square feet: 5,900 Gross square feet per inmate: 438 Size of cells: 75 square feet (single) Net/gross square feet: 61%</p> <p>Construction type</p> <p>Structural: Cast-in-place concrete frame Exterior walls: Cast-in-place concrete; CMU block Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Insulated plaster system</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 2 to 8 Inmates per unit: 2 to 8 Management type: Remote surveillance October 1985 population: 32 Facility commitment: Local jail inmates Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 5% Medium: 53% Minimum: 42%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 22 Double occupancy: 0 Dorms: 16 Special housing: 0 General population: 38 Total: 38</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 10 Programs/treatment: 1 Maintenance: 0 Total: 12 Current inmate/staff ratio: 2.67:1</p> | <p>Construction process</p> <p>Finance method: State funds; county levy Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging Doors/locking: Remote locking only Floor surface: Sealed concrete Intercom: Two-way to common areas HVAC: Heating/air circulation only; gas-fired heating plant; central boiler Plumbing: Stainless; china Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Good competition, favorable market Negative: Difficult site conditions (very tight site, poor soil bearing capacity, high water table); complex electronics/computer system and hard-wired locking system</p> <p>Factors affecting time schedule: Positive: Design coordinated with minimum changes by owner; contractor's efficient construction process Negative: Weather problems (winter); complex electronics system</p> | |



FIRST FLOOR



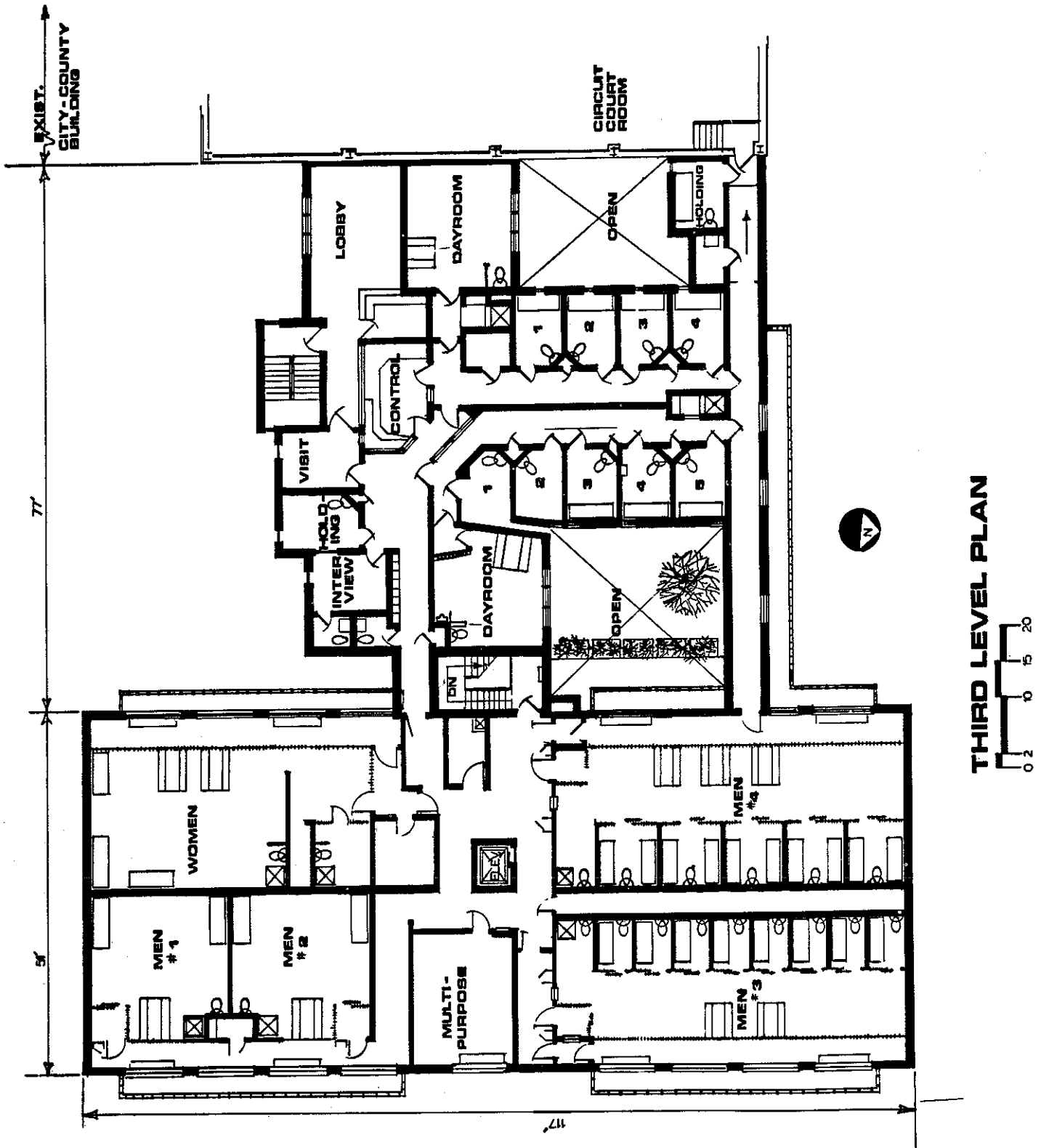
SECOND FLOOR

Ohio County Correctional Center

Jurisdiction official: Arthur McKenzie, Sheriff

Contact: Sheriff Arthur McKenzie, Ohio County Correctional Center, 1501 Eoff Street, Wheeling, WV 26003, 304-234-3607
Architect: R.L. Smith—Architecture, P.O. Box 2204, Waco, TX 76703, 817-776-4011
Construction manager: None

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|---|---|---|
| <p>Groundbreaking: October 1977 Finish date: June 1979 Construction time: 20 months</p> | <p>Design capacity: 61 Total cost: \$1,474,000 Total annual operating costs: \$620,801</p> | <p>Category: New, independent facility Facility type: Complex: county and city jails; courts Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,474,000 Building only: \$1,453,000 Housing area: \$900,860 Housing per inmate: \$20,019 Housing per cell: \$34,648 Total per inmate: N/A (complex) Total per GSF: \$57.11 Total annual operating costs: \$620,801</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 15,950 Gross square feet/other: 9,860 Gross square feet/total: 25,810 Housing area square feet: 15,950 Gross square feet per inmate: 261 Size of dorms: 400 square feet Net/gross square feet: 84%</p> <p>Construction type</p> <p>Structural: Steel frame; prestressed hollow concrete Exterior walls: Cast-in-place concrete; brick; special CMU block Interior walls: CMU block; furred comp. board and paneling Exterior surface/facade: Brick; paint; textured concrete</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside and inside Cells per unit: 5 Inmates per unit: 5 Management type: Intermittent surveillance May 1986 population: 53 Facility commitment: Local jail inmates Means to handle crowding: Bunk beds in cell; mattresses on floor; beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Building exterior; alarm/detection system; video camera surveillance Inmate security level: Maximum: 33% Medium: 31% Minimum: 36%</p> | <p>Inmate design capacity</p> <p>Single occupancy: 17 Double occupancy: 10 Dorms: 18 Special housing: 16 General population: 45 Total: 61</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 0 Security: 26 Programs/treatment: 0 Maintenance: 0 Total: 26 Current inmate/staff ratio: 2.04:1</p> | <p>Construction process</p> <p>Finance method: Revenue sharing; Federal, State, and local funds; special election Contract method: Conventional Use of inmate labor: None Use of prefabrication: Moderate; concrete floor and roof units</p> |
| <p>Inmate cells</p> <p>Doors/material: Solid; steel Doors/type: Sliding Doors/locking: Motor driven and remote locking; manual locking Floor surface: Carpet; epoxy coating; sealed concrete Intercom: Two-way to common areas HVAC: Air conditioning; heating/air circulation Plumbing: Stainless steel Furniture: Steel; wood; vinyl/plastic Fire protection: Smoke detectors for common areas</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods; good competition, favorable market; materials and construction methods common to area Negative: Slow construction, lengthy building time; high labor costs; complex electronic, mechanical, and electrical systems; labor unions; weather</p> <p>Factors affecting time schedule: Positive: Repetitiveness of design; materials and construction methods common to area Negative: Slow responses and delivery from vendors, suppliers; labor and weather problems; complex electronic, mechanical, and electrical systems</p> | |

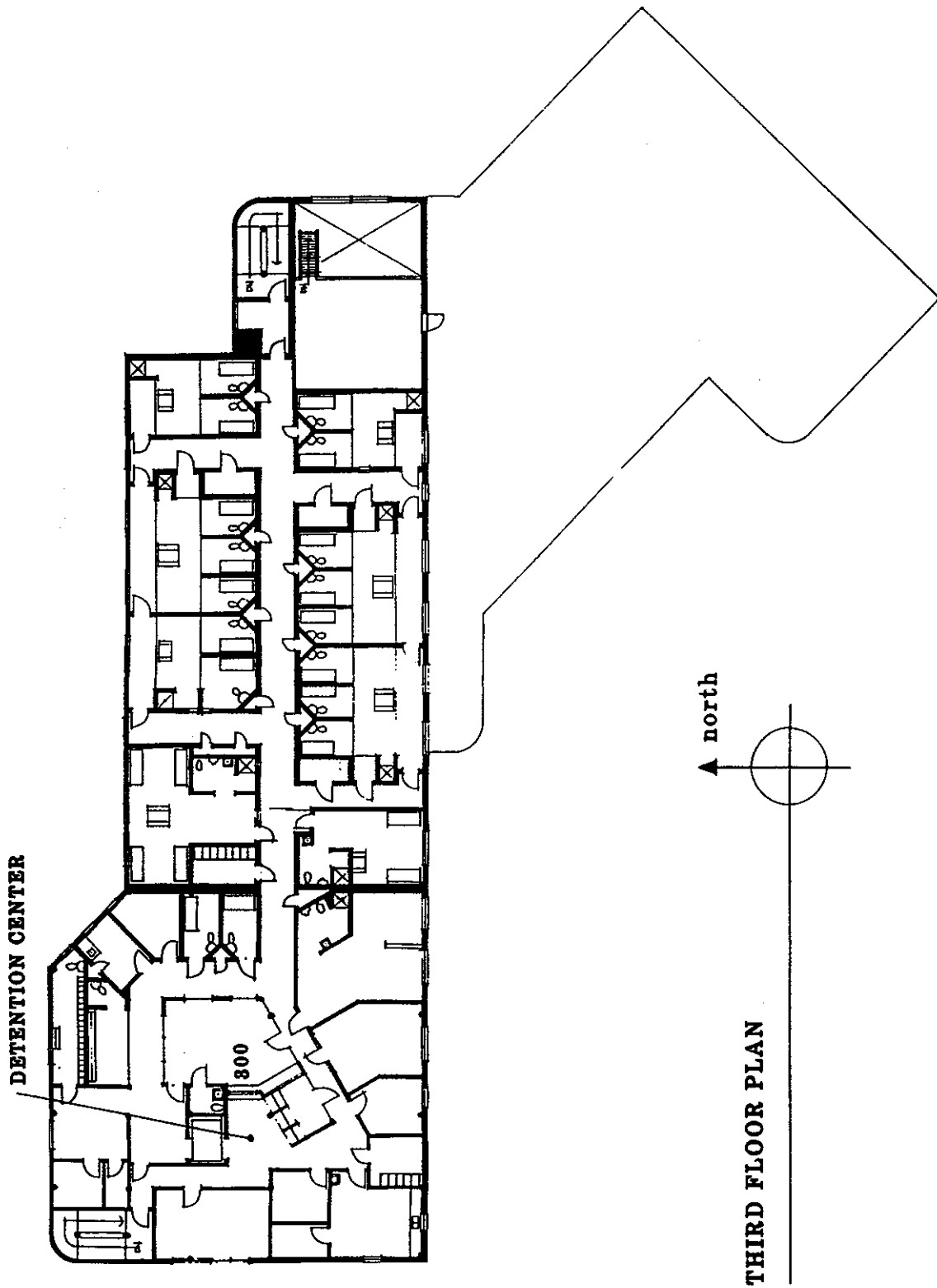


Burnett County Government Center

Jurisdiction official: Donald Chell, Sheriff

Contact: Sheriff Donald Chell, Burnett County Government Center, Route 1, Box 300-122, Siren, WI 54872, 715-349-2121
Architect: Ozolins—D'Jock Architects, Ltd., 2115 East Clairemont Avenue, Suite 1, Eau Claire, WI 54701-4787, 715-834-0505
Construction manager: Construction Analysis & Management, 7401 Central Avenue NE., Minneapolis, MN 55432, 612-786-7151

| | | |
|--|---|---|
| <p>Groundbreaking: July 1983 Finish date: January 1985 Construction time: 18 months</p> | <p>Design capacity: 27 Total cost: \$3,238,324 Total annual operating costs: \$288,903</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement, courts, county agencies Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$3,238,324 Building only: \$3,125,025 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: N/A (complex) Total per GSF: \$59.62 Total annual operating costs: \$288,903</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 10,440 Gross square feet/other: 43,874 Gross square feet/total: 54,314 Housing area square feet: 10,440 Gross square feet per inmate: 387 Size of cells: 59 square feet (single) Net/gross square feet: 78%</p> <p>Construction type</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: 15 Inmates per unit: 15 Management type: Intermittent surveillance June 1986 population: 18 Facility commitment: Local jail inmates Means to handle crowding: None</p> |
| <p>Security</p> <p>Perimeter: Building exterior; video camera surveillance Inmate security level: Maximum: 60% Medium: 40% Minimum: 0</p> | <p>Structural: Cast-in-place concrete frame Exterior walls: CMU block; metal wall panels Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Textured concrete; metal panels</p> <p>Inmate design capacity</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Construction management Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking Floor surface: Carpet; sealed concrete; vinyl tile Intercom: One-way to cells and common areas HVAC: Heating/air circulation; solar heat; other energy recycle unit; reheat coils Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors for cells</p> | <p>Single occupancy: 15 Double occupancy: 0 Dorms: 0 Special housing: 12 General population: 15 Total: 27</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 13 Security: 13 Programs/treatment: 0 Maintenance: 3 Total: 29 Current inmate/staff ratio: 0.62:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; good competition, favorable market; construction management Negative: Slow construction, lengthy building time; difficult site conditions; high water table</p> <p>Factors affecting time schedule: Positive: Simple construction methods, repetitiveness of design Negative: Slow responses and delivery from vendors, suppliers; weather problems</p> |



Columbia Correctional Institution

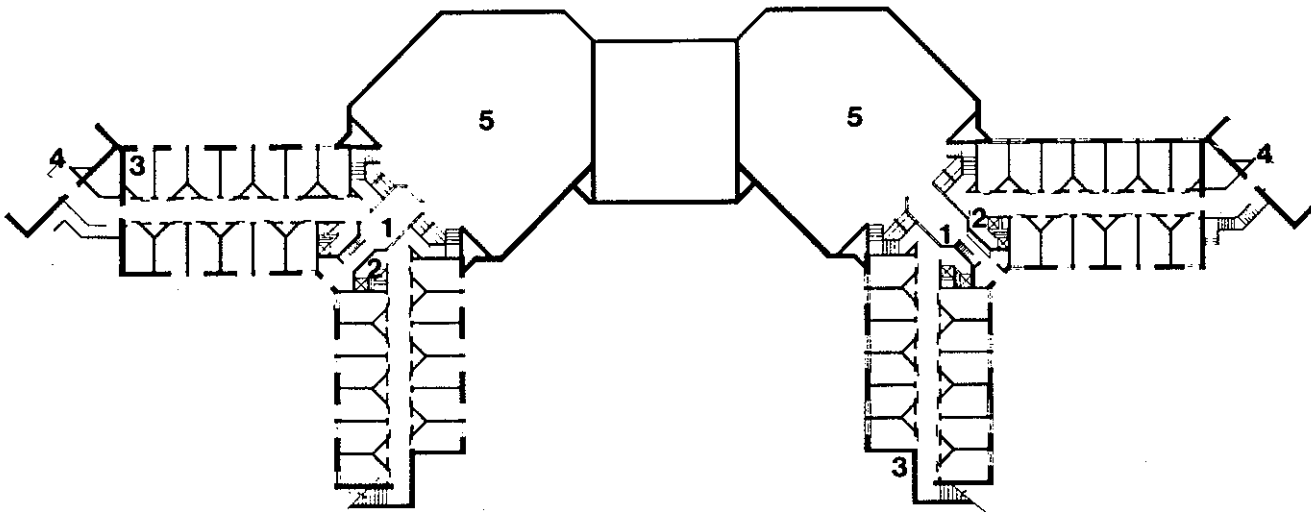
Jurisdiction official: Stephen E. Bablitch, Administrator, Department of Corrections

Contact: Superintendent James P. Murphy, Columbia Correctional Institution, Route 3, Highway 127, P.O. Box 950, Portage, WI 53901, 608-742-9105

Architect: Potter, Lawson & Pawlowsky, Inc., 15 Ellis Potter Court, Madison, WI 53711, 608-274-2741

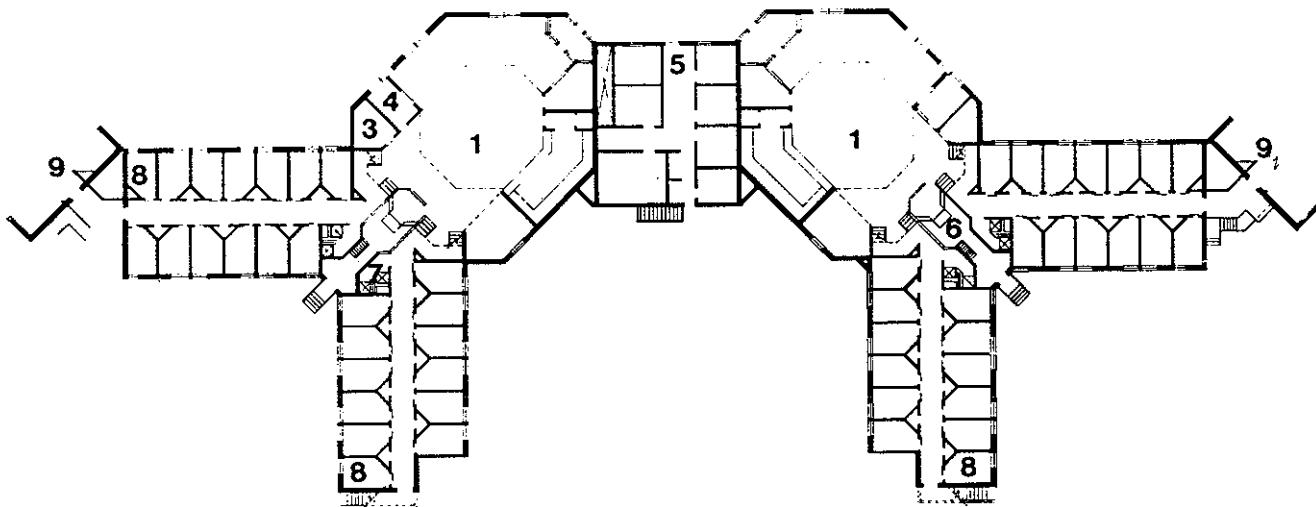
Construction manager: Potter, Lawson & Pawlowsky, Inc., 15 Ellis Potter Court, Madison, WI 53711, 608-274-2741

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| <p>Groundbreaking: February 1984 Finish date: May 1986 Construction time: 27 months</p> | <p>Design capacity: 511 Total cost: \$30,362,286 Total annual operating costs: \$7,326,540</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Courtyard</p> |
| <p>Costs</p> <p>Total: \$30,362,286 Building only: \$27,739,014 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$59,417 Total per GSF: \$102.37 Total annual operating costs: \$7,326,540</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 296,600 Gross square feet/other: 0 Gross square feet/total: 296,600 Housing area square feet: 123,800 Gross square feet per inmate: 580 Size of cells: 80 square feet (single) Net/gross square feet: 70%</p> | <p>Inmate housing areas</p> <p>Design: Linear, outside Cells per unit: 50 Inmates per unit: 50 Management type: Remote surveillance September 1987 population: 432 Facility commitment: State prisoners Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection systems; razor wire on and between fences; towers; patrols; camera surveillance Inmate security level: Maximum: 100% Medium: 0 Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block Interior walls: Cast-in-place concrete; CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Conventional Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking; manual locking Floor surface: Sealed concrete Intercom: Two-way to cells and common areas HVAC: Heating/air circulation; gas heat Plumbing: China Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 450 Double occupancy: 0 Dorms: 0 Special housing: 61 General population: 450 Total: 511</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 49 Security: 189 Programs/treatment: 15 Maintenance: 14 Total: 267 Current inmate/staff ratio: 1.62:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Nine identical housing units; favorable market; bids lower than estimates Negative: Difficult site conditions; high water table; complex electronic and mechanical systems; long lead times for detention equipment</p> <p>Factors affecting time schedule: Positive: Repetitiveness of design; coordination of design between parties; on-site supervision by architect and owner Negative: Slow delivery from suppliers; complex electronic and mechanical systems</p> |



Upper Level Housing

- | | |
|-------------------------|----------------------------|
| 1 Control Station Below | 4 Adjacent Housing Unit |
| 2 Showers | 5 Upper Portion of Dayroom |
| 3 Cells | |



Lower Level Housing

- | | | |
|---------------|-------------------------|-------------------------|
| 1 Dayroom | 4 Laundry | 7 Showers |
| 2 Kitchenette | 5 Unit Management Staff | 8 Cells |
| 3 Storage | 6 Control Station | 9 Adjacent Housing Unit |

Oshkosh Correctional Institution

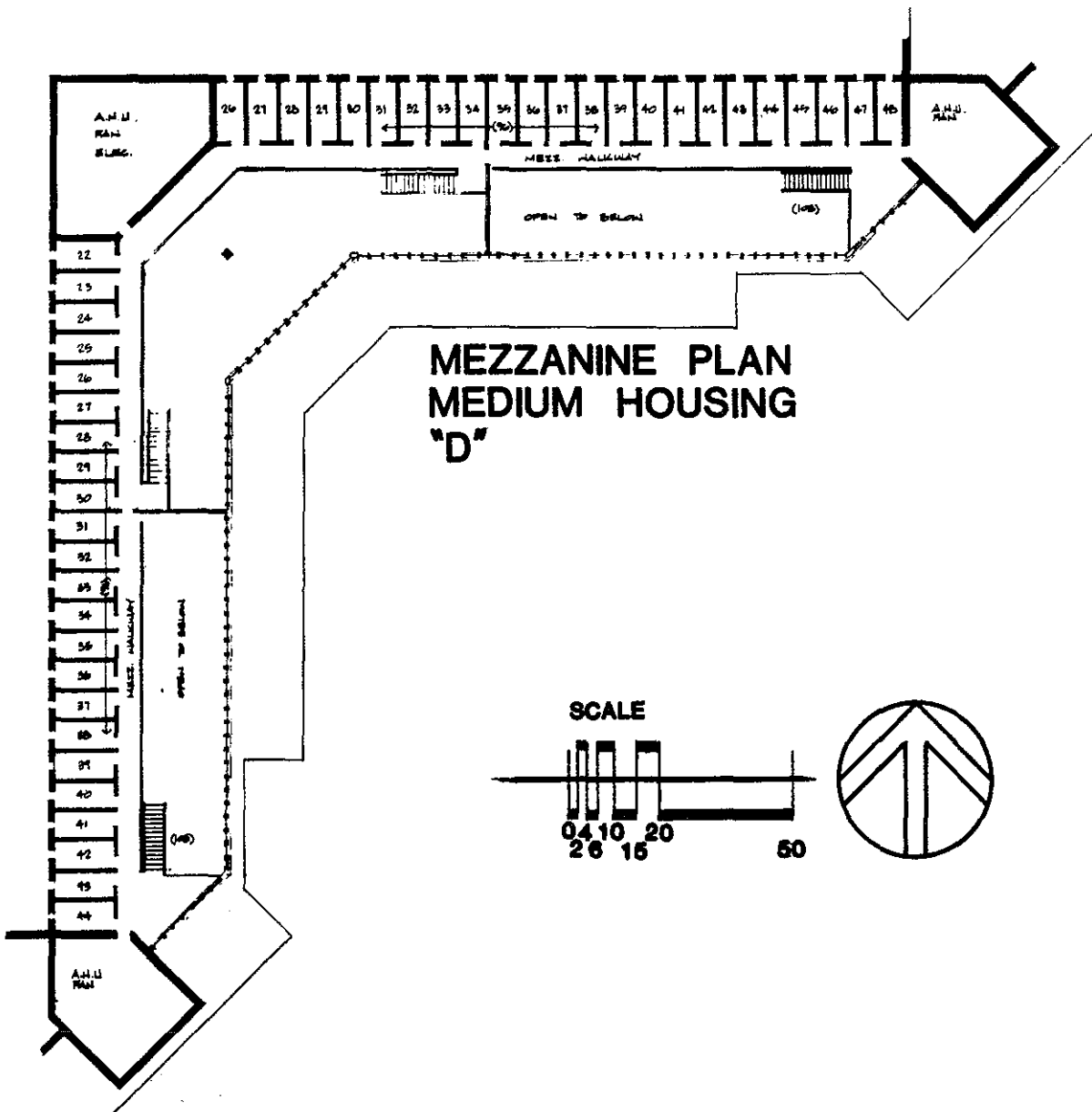
Jurisdiction official: Steven E. Bablitch, Administrator, Division of Corrections.

Contact: Superintendent Donald W. Gudmanson, Oshkosh Correctional Institution, P.O. Box 3530, 1730 West Snell Road, Oshkosh, WI 54903-3530, 414-231-4010

Architects: Sauter Seaborne Architects Engineers Ltd., 825 West Lawrence Street, Appleton, WI 54914, 414-739-6266
Miller Wagner Coenen, Inc., 250 Green Bay Road, Neenak, WI 54956, 414-725-6346

Construction manager: None

| | | |
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| <p>Groundbreaking: March 1984 Finish date: April 1986 Construction time: 25 months</p> | <p>Design capacity: 312 Total cost: \$23,313,398 Total annual operating costs: \$459,400</p> | <p>Category: New, independent facility Facility type: State prison Building configuration: Cluster of housing units with support units at each end</p> |
| <p>Costs</p> <p>Total: \$23,313,398 Building only: \$22,634,761 Housing area: Unknown Housing per inmate: Unknown Housing per cell: Unknown Total per inmate: \$74,722 Total per GSF: \$118.10 Total annual operating costs: \$459,400</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 197,405 Gross square feet/other: 0 Gross square feet/total: 197,405 Housing area square feet: 92,262 Gross square feet per inmate: 633 Size of cells: 82 square feet (gen. single); 91 (spec. single) Net/gross square feet: 75%</p> | <p>Inmate housing areas</p> <p>Design: Module/pod Cells per unit: 104 Inmates per unit: 104 Management type: Direct supervision March 1987 population: 193 Facility commitment: State prisoners Means to handle crowding: Bunk beds in cell; beds in dayroom</p> |
| <p>Security</p> <p>Perimeter: Double fence; alarm/detection system; razor wire on fences; towers; patrols Inmate security level: Maximum: 0 Medium: 100% Minimum: 0</p> | <p>Construction type</p> <p>Structural: Steel frame Exterior walls: CMU block Interior walls: CMU block Exterior surface/facade: Brick</p> | <p>Construction process</p> <p>Finance method: State funds Contract method: Construction management fast track Use of inmate labor: Limited; fabrication of some furniture Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Swinging; sliding Doors/locking: Manual locking Floor surface: Epoxy coating; vinyl tile Intercom: Two-way to cells HVAC: Heating/air circulation; gas heat, furnaces can burn methane from nearby landfill Plumbing: Stainless steel; china Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas; manual alarm stations</p> | <p>Inmate design capacity</p> <p>Single occupancy: 291 Double occupancy: 0 Dorms: 12 Special housing: 9 General population: 303 Total: 312</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 30 Security: 90 Programs/treatment: 44 Maintenance: 19 Total: 183 Current inmate/staff ratio: 1.05:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design; phased construction, fast track CM; good competition, favorable market; good design for region Negative: Government procedures, regulations, and red tape</p> <p>Factors affecting time schedule: Positive: Phased construction, fast track construction management Negative: Slow responses and delivery from vendors, suppliers; weather problems; government procedures, regulations, and red tape</p> |

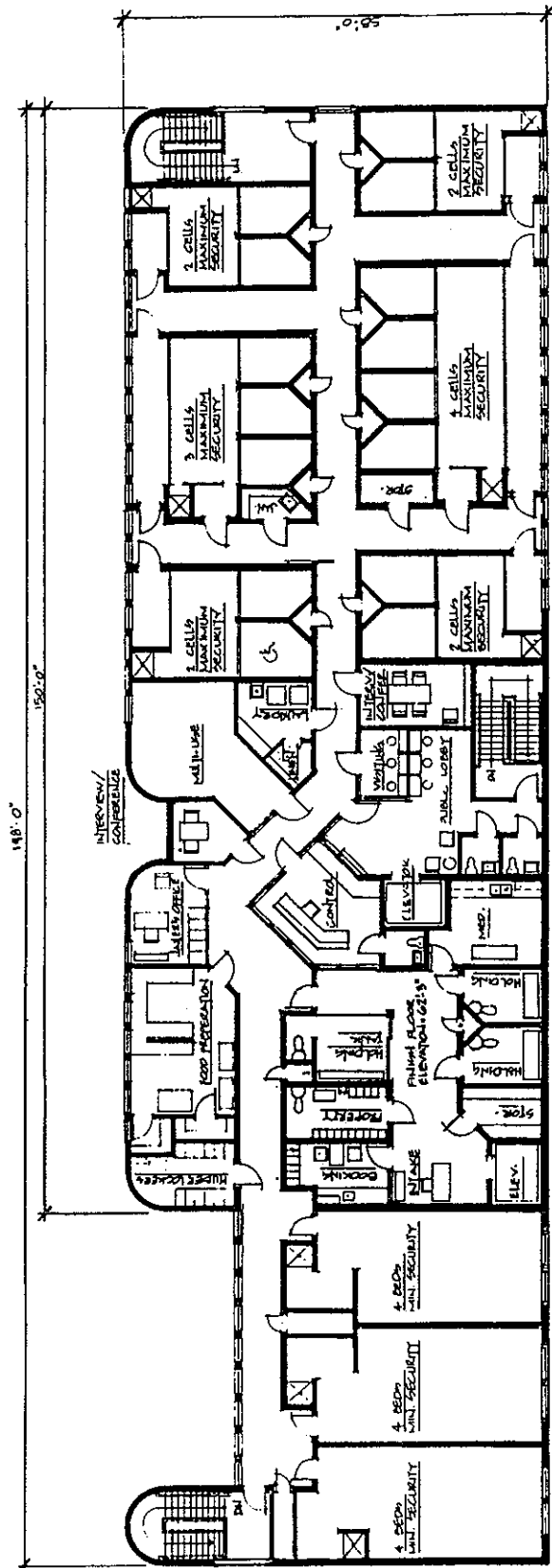


Rusk County Law Enforcement Facility

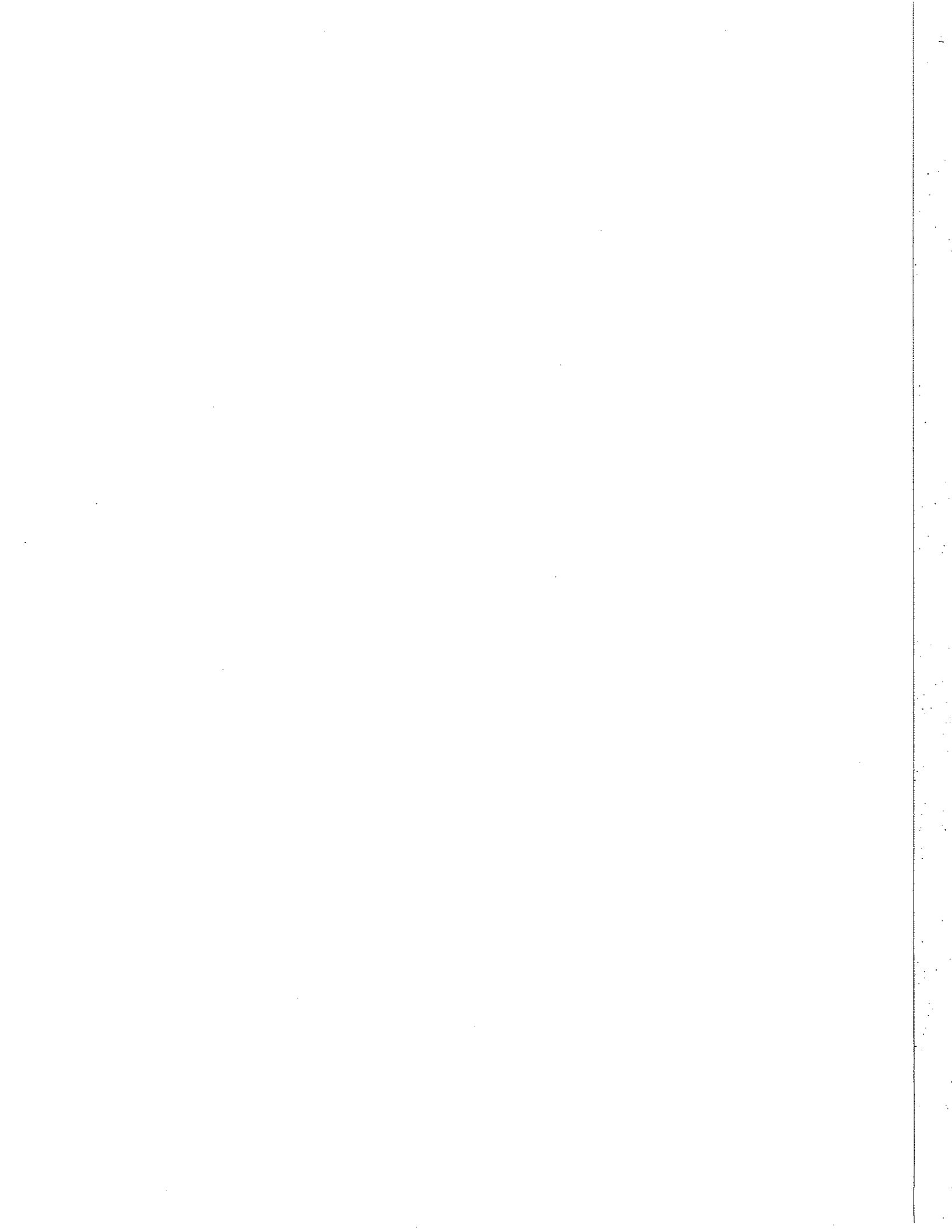
Jurisdiction official: Gary Fetting, Sheriff

Contact: Sergeant Richard Mohr, Rusk County Law Enforcement Facility, East Third Avenue, Ladysmith, WI 54848, 715-532-2200
Architect: Ozolins-D'Jock Architects, Ltd., 2115 East Clairemont Avenue, Eau Claire, WI 54701-4787, 715-834-0505
Construction manager: Ozolins-D'Jock Associates, 2115 East Clairemont Avenue, Eau Claire, WI 54701-4787, 715-834-0505

| | | |
|---|--|---|
| <p>Groundbreaking: May 1984 Finish date: August 1985 Construction time: 15 months</p> | <p>Design capacity: 29 Total cost: \$1,650,000 Total annual operating costs: \$247,800</p> | <p>Category: New, independent facility Facility type: Complex: county jail, law enforcement Building configuration: Integrated structure</p> |
| <p>Costs</p> <p>Total: \$1,650,000 Building only: \$1,645,000 Housing area: \$1,050,000 Housing per inmate: \$38,889 Housing per cell: \$38,889 Total per inmate: N/A (complex) Total per GSF: \$78.72 Total annual operating costs: \$247,800</p> | <p>Dimensions</p> <p>Gross square feet/corrections: 10,930 Gross square feet/other: 11,280 Gross square feet/total: 22,210 Housing area square feet: 10,030 Gross square feet per inmate: 377 Size of cells: 54 square feet (gen. single); 70 (spec. single); 420 (dorms) Net/gross square feet: Unknown</p> | <p>Inmate housing areas</p> <p>Design: Linear, inside Cells per unit: Varies Inmates per unit: Varies Management type: Intermittent surveillance September 1987 population: 15 Facility commitment: Local jail inmates Means to handle crowding: Unknown</p> |
| <p>Security</p> <p>Perimeter: Building exterior only Inmate security level: Maximum: 60% Medium: 0 Minimum: 40%</p> | <p>Construction type</p> <p>Structural: Load-bearing precast panels Exterior walls: Brick; synthetic plaster and rigid insulation Interior walls: CMU block Exterior surface/facade: Brick; stucco</p> | <p>Construction process</p> <p>Finance method: G.O. Bonds Contract method: Construction management fast track Use of inmate labor: None Use of prefabrication: None</p> |
| <p>Inmate cells</p> <p>Doors/material: Steel Doors/type: Sliding Doors/locking: Motor driven and remote locking; manual locking Floor surface: Sealed concrete Intercom: Two-way to cells HVAC: Heating/air circulation; gas heat with oil standby Plumbing: Stainless steel Furniture: Steel Fire protection: Smoke detectors and sprinklers for cells and common areas</p> | <p>Inmate design capacity</p> <p>Single occupancy: 15 Double occupancy: 0 Dorms: 12 Special housing: 2 General population: 27 Total: 29</p> <p>Current staff</p> <p>Full-time equivalent: Administration: 1 Security: 9 Programs/treatment: 0 Maintenance: 1 Total: 11 Current inmate/staff ratio: 1.36:1</p> | <p>Architect's reported analyses</p> <p>Factors affecting construction costs: Positive: Simple construction methods, repetitiveness of design Negative: High labor costs Factors affecting time schedule: Positive: None Negative: None</p> |



SECOND FLOOR PLAN
0' 5' 10"
North



Appendix A

ACA standards for design of
adult correctional institutions
and local detention facilities



ACA standards

Design of adult correctional institutions and local detention facilities

The National Institute of Justice has created this directory to illustrate how jails and prisons may be designed and built. As a handbook for construction, it would not be complete without discussion of the standards by which correctional facilities are designed.

For many years, both officials and architects have relied upon the standards developed by the American Correctional Association. These guidelines have served corrections agencies by providing direction along the difficult path from inception to completion of a new jail or prison. However, strict adherence to construction guidelines may be costly for some jurisdictions. Thus, not every agency can follow the standards in their entirety. For this reason, not every facility in this catalog is in complete compliance with ACA standards.

By drawing on the collective experience of corrections officials across the Nation, the ACA standards may help those planning new facilities to consider the lessons learned by colleagues who have faced the same problems. Like the premise of NIJ's Construction Information Exchange, the ACA standards represent an opportunity to "build on experience."

Prisons/adult correctional institutions

Although planners and designers of new or remodeled facilities should consider all ACA standards and their relationship to design, the following selected standards are especially critical in facility planning. These standards are presented as important reminders that should be reviewed frequently during the design process of correctional facilities.

2-4022. The institution provides for all inmates the following constructive programs, including, at a minimum: reception and orientation; evaluation and classification; academic education equivalent to high school; vocational training; employment; religious services; social services and counseling; psychological and psychiatric services; library services; medical and dental health care; athletic, recreational, and leisure time activities; inmate involvement with community groups; mail and visiting; access to media, legal materials, attorneys, and courts; volunteer services; and prerelease orientation and planning.

2-4049. There is an inmate commissary or canteen where inmates can purchase items not furnished by the facility from an approved list. Strict controls are maintained over its operation and standard accounting procedures are followed.

2-4086. Space and equipment required for the training and staff development program are available.

2-4129. Existing, renovation, addition, new plant. Only one inmate occupies a room or cell designed for single occupancy that has a floor area of at least 60 square feet, provided inmates spend no more than 10 hours per day locked in. When confinement exceeds 10 hours per day, there are at least 80 square feet of floor space.

2-4130. Existing, renovation, addition, new plant. Each room or cell has, at a minimum, the following facilities and conditions:

Sanitation facilities, including access to:

- Toilet above floor level that is available for use without staff assistance 24 hours a day.
- Wash basin with hot and cold running water.

A bed at above floor level, desk, hooks or closet space, chair or stool.

Natural light.

Documentation by an independent, qualified source that:

- Lighting is at least 20 footcandles at desk level and in the personal grooming area.
- Circulation is at least 10 cubic feet of outside or recirculated filtered air per minute per human occupant.
- Temperatures are appropriate to the summer and winter comfort zones.
- Noise levels do not exceed 70 decibels in daytime and 45 decibels at night.

2-4131. Existing, renovation, addition, new plant (minimum security only). Where used, multiple occupancy rooms house no less than three and no more than 50 inmates each who are screened for suitability to group living prior to admission. Multiple occupancy rooms are continuously observed by staff and provide the following facilities and conditions:

A minimum floor area of 50 square feet per occupant in the sleeping area and a clear floor-to-ceiling height of not less than eight feet.

Toilet and shower facilities at a minimum of one operable toilet and shower for every eight occupants.

One operable wash basin with hot and cold running water for every six occupants.

Single beds only.

Access to a locker or private storage space for each occupant.

Natural light.

Documentation by an independent, qualified source that:

- Lighting is at least 20 footcandles at desk level and in the personal grooming area.
- Circulation is at least 10 cubic feet of outside or recirculated filtered air per minute per occupant.
- Temperatures are appropriate to the summer and winter comfort zones.
- Noise levels do not exceed 70 decibels in daytime and 45 decibels at night.

2-4132. Existing, renovation, addition, new plant. Minimum security institutions, or minimum security areas within larger institutions provide individual rooms with key control shared by the occupants and staff, or continuous access to toilet and shower facilities and hot and cold running water, including drinking water. Rooms also provide the following facilities and conditions:

A minimum floor area of 60 square feet.

A bunk at above floor level, desk, hooks or closet space, chair or stool.

Natural light.

Documentation by an independent, qualified source that:

- Lighting is at least 20 footcandles at desk level and in the personal grooming area.
- Circulation is at least 10 cubic feet of outside or recirculated filtered air per minute per occupant.
- Temperatures are appropriate to the summer and winter comfort zones.
- Noise levels do not exceed 70 decibels in daytime and 45 decibels at night.

2-4133. Existing, renovation, addition, new plant. When males and females are housed in the same institution there are separate sleeping quarters.

2-4134. Existing, renovation, addition, new plant. There are two identifiable exits in each inmate housing area and other high density areas to permit the prompt evacuation of inmates and staff under emergency conditions. (Mandatory)

2-4135. Existing, renovation, addition, new plant. The segregation housing units provide living conditions that approximate those of the general inmate population; all exceptions are clearly documented. Segregation housing units provide the following facilities and conditions:

Single occupancy rooms or cells with a floor area of at least 80 square feet.

Sanitation facilities, including access to:

- Above-floor toilet facilities available for use without staff assistance 24 hours a day.
- Hot and cold running water.

Natural light.

A bunk at above floor level, desk or writing space, and stool.

Documentation by an independent, qualified source that:

- Lighting is at least 20 footcandles at desk level and in the personal grooming area.
- Circulation is at least 10 cubic feet of fresh or purified air per minute.
- Temperatures are appropriate to the summer and winter comfort zones.
- Noise levels do not exceed 70 decibels in daytime and 45 decibels at night.

2-4136. Existing, renovation, addition, new plant. The segregation rooms permit inmates assigned to them to converse with others in the same housing unit and have doors that permit observation by staff.

2-4137. Existing, renovation. There is a separate day room leisure time space for each general population housing unit.

2-4138. Existing, renovation. Space outside the cell or room is provided for inmate exercise.

2-4139. Existing, renovation, addition, new plant. In institutions offering academic and vocational training programs, the classrooms are designed in cooperation with school authorities.

2-4142. Existing, renovation, addition, new plant. If the institution has watchtowers, they are placed so that they permit an unobstructed view of the grounds and perimeter and are equipped with the weaponry, lighting, sighting, and communications devices necessary for effective execution of their function.

2-4143. Existing, renovation, addition, new plant. The food preparation and dining area includes a space for food preparation based on population size.

2-4144. Existing, renovation, addition, new plant. Space is provided for administrative, custodial, professional, and clerical staff; this space includes conference rooms, employee lounge, storage room for records, public lobby, and toilet facilities.

2-4145. Existing, renovation, addition, new plant. Handicapped inmates are housed in a manner that provides for their safety and security. Cells or housing units used by them are designed for their use, and provide the maximum possible integration with the general population. Appropriate institution programs and activities are accessible to handicapped inmates confined in the facility.

2-4146. Existing, renovation, addition, new plant. All parts of the facility that are accessible to the public are accessible to and usable by handicapped staff and visitors.

2-4147. Existing, renovation, addition, new plant. Space is provided for janitor closets, which are equipped with a sink and cleaning implements.

2-4148. Existing, renovation, addition, new plant. There are storage rooms in the institution for clothing, bedding, and cleaning supplies.

2-4149. Existing, renovation, addition, new plant. There is storage space available for the personal property of inmates.

2-4150. Existing, renovation, addition, new plant. Separate and adequate space is provided for mechanical equipment.

2-4152. Renovation, addition, new plant. Planning precludes the use of dormitories for inmate housing in maximum, close, or medium security institutions.

2-4153. Renovation, addition, new plant. The institution conforms to applicable Federal, State, and local building codes.

2-4154. Renovation, addition, new plant. There is documentation by an independent, qualified source that ventilation is at least 10 cubic feet of outside or recirculated filtered air per minute, per human occupant, for cell blocks and guard stations, and 20 cubic feet per minute for eating halls. Lighting requirements for the facility are determined by the tasks to be performed, interior surface finishes and colors, type and spacing of light sources, outside lighting, and shadows and glare.

2-4155. Renovation, addition, new plant. There is documentation by a qualified source that the interior finishing material in inmate living areas, exit areas, and places of public assembly are in accordance with recognized national fire safety codes. (Mandatory)

2-4158. Addition, new plant. There is separate day-room/leisure time space for each general population housing unit containing 35 square feet of floor space per inmate exclusive of circulation corridors in front of cells/rooms.

2-4159. Addition, new plant. Administrative segregation housing units are the same as those for the general population and have an area for indoor exercise outside the room or cell that has 35 square feet of floor space per inmate requiring exercise.

2-4162. There is documentation by an independent, qualified source that the institution complies with the applicable fire safety code(s). (Mandatory)

2-4165. The institution has an automatic fire alarm and smoke detection system that is certified by an independent, qualified inspector trained in the application of national fire safety codes. If the institution depends on a local fire department, the fire alarm system is connected directly to the local fire department. Whenever possible, all system elements are tested on a quarterly basis; adequacy and operation of the systems are certified by a State fire official or other qualified authority annually. (Mandatory)

2-4166. Specifications for the selection and purchase of facility furnishings indicate the fire safety performance requirements of the materials selected. (Mandatory)

2-4168. The facility has exits that are distinctly and permanently marked, continuously visible at all times, kept clear, and maintained in usable condition. (Mandatory)

2-4169. An independent, qualified inspector who is trained in the application of national fire safety codes has certified that the travel distance to all exits is in compliance with code requirements. (Mandatory)

2-4170. The institution has equipment necessary to maintain essential lights, power, and communications in an emergency.

2-4173. Written policy and procedure specify the means for the immediate release of inmates from locked areas in case of emergency and provide for a backup system.

2-4177. The institution's perimeter is controlled by an appropriate means to provide that inmates remain within the perimeter and to prevent access by the general public without the appropriate authorization.

2-4179. Safety vestibules and sally ports constitute the only breaches in the institution perimeter security. (Essential—maximum and medium security facilities only)

2-4180. Pedestrian and vehicular traffic should enter and leave at designated points in the perimeter. (Essential—medium and minimum security facilities only)

2-4181. The institution maintains a control center to provide order and security.

2-4187. The institution has facilities for the safe unloading and reloading of firearms.

2-4189. Firearms, chemical agents, and related security equipment are stored in a secure but readily accessible depository outside inmate housing and activity areas and are inventoried at least monthly to determine their condition and expiration dates.

2-4245. Toilet and wash basin facilities are available to food service personnel and inmates in the vicinity of the food preparation area.

2-4247. There are sanitary, temperature-controlled storage facilities for the storage of all foods.

2-4250. Space is provided for group dining except when security or safety considerations justify otherwise.

2-4259. The institution provides for waste disposal. (Mandatory)

2-4265. The store of clothing, linen, and bedding exceeds that required for the facility's inmate population.

2-4266. The institution provides for the thorough cleaning and, when necessary, disinfecting of inmate personal clothing before storage or before allowing the inmate to keep and wear personal clothing.

2-4268. There are sufficient bathing facilities in the housing areas to permit inmates in the general population to shower at least three times per week.

2-4270. There are hair care services available to inmates that comply with applicable health requirements.

2-4275. An adequately equipped medical facility, which meets the legal requirements for a licensed general hospital with respect to the services it offers, is available to all inmates. (Mandatory)

2-4277. Space, equipment, supplies, and materials for health services are provided and maintained as determined by the health authority.

2-4295. Written policy and procedure require that routine and emergency dental care is provided to each inmate under the direction and supervision of a dentist with appropriate State or Federal licensure.

2-4305. Written policy and procedure make available chronic and convalescent care to inmates of the facility.

2-4325. Written policy and procedure exist to assist inmates in making confidential contact with attorneys and their authorized representatives.

2-4326. Written policy and procedure provide for the right of inmates to have access to an appropriate law library and to supplies and services related to legal matters. The law library includes, at a minimum, relevant and up-to-date constitutional, statutory, and case law materials, applicable court rules, and practice treatises. When an inmate is unable to make meaningful use of the law library alone, additional assistance necessary for effective access is provided.

2-4336. Written policy and procedure grant inmates the right to practice their religion, subject only to the limitations necessary to maintain institutional order and security.

2-4337. Written policy and procedure grant inmates the right to receive visits, subject only to the limitations necessary to maintain institutional order and security.

2-4379. Written policy and procedure provide for inmate access to public telephones.

2-4383. Written policy and procedure provide that inmate visiting facilities permit informal communication, including opportunity for physical contact. Devices that preclude physical contact are not used except in instances of substantiated security risk.

2-4422. There is a comprehensive education program available to all eligible inmates that extends from literacy training through high school and includes communication skills, mathematics, and social science.

2-4431. The educational program is supported by specialized equipment, including, at a minimum, classrooms, teaching carrels, audiovisual materials and facilities, chalkboards, and administrative space.

2-4436. Postsecondary programs in academic and vocational education are available to qualified inmates.

2-4442. The institution maintains and/or provides access to comprehensive library services that include, but are not limited to, a reference collection that includes general and specialized materials, and planned and continuous acquisition of materials to meet the needs of the institutional staff and inmates.

2-4452. Written policy and procedure provide for a comprehensive recreational program that includes leisure time activities comparable with those available in the community.

2-4458. Facilities and equipment, which are maintained in good condition and are suitable for the planned leisure activities, are available in proportion to the inmate population.

2-4470. The institution provides facilities and equipment for the conduct of religious programs for inmates.

Jails/local detention facilities

The following standards have been excerpted from the complete volume applicable to local detention and holding facilities. These guidelines are intended to apply to facilities operated by cities and counties, where inmates are held for shorter periods of time.

2-5108. Existing. All activity areas have toilets and wash basins that are accessible to persons using the area.

An independent, qualified source has documented that:

- Lighting is appropriate to the activity area.
- Circulation is at least 10 cubic feet of fresh or purified air per minute per human occupant.
- Temperatures are appropriate to the summer and winter comfort zones with consideration for the activity performed. (Detention—essential; holding—essential)

2-5109. Existing, renovation, addition, new plant. The intake/booking and release area is located inside the security perimeter, but outside inmate living quarters, and has the following components: booking area; sally port; access to drinking water; shower facilities; secure storage for inmates' personal property; telephone facilities; private interview space(s); temporary holding rooms with sufficient fixed seating for all inmates at its rated capacity; and operable toilets and wash basins. (Detention—essential; holding—essential)

2-5110. Existing, renovation, addition, new plant. Only one inmate occupies each cell and detention room designed for single occupancy. (Detention—essential; holding—essential)

2-5111. Existing, renovation. All single rooms or cells in *detention facilities* have at least 60 square feet of floor space, provided inmates spend no more than 10 hours per day locked in; when confinement exceeds 10 hours per day, there are at least 70 square feet of floor space. (Detention—essential; holding—not applicable)

2-5112. Existing, renovation, addition, new plant. All rooms or cells in detention facilities have, at a minimum:

Access to the following sanitation facilities:

- Toilet above floor level that is available for use without staff assistance 24 hours per day.
- Wash basin and drinking water.
- Shower facilities.
- Hot and cold running water.

A bed at above floor level, desk or writing surface, hooks or closet space, chair or stool.

Natural light.

Documentation by an independent, qualified source that:

- Lighting is at least 20 footcandles at desk level and in the personal grooming area; in additions and new plants it is both occupant and centrally controlled.
- Circulation is at least 10 cubic feet of outside or recirculated filtered air per minute per human occupant.
- Temperatures are appropriate to the summer and winter comfort zones.
- Noise levels do not exceed 70 decibels in daytime and 45 decibels at night. (Detention—essential; holding—not applicable)

2-5113. Existing, renovation. Single rooms or cells in *holding facilities* have, at a minimum:

50 square feet of floor space.

A bed above floor level.

Access to the following sanitation facilities:

- Toilet above floor level that is available for use without staff assistance 24 hours per day.
- Wash basin with hot and cold running water.
- Shower facilities.

Documentation by an independent, qualified source that:

- Lighting is at least 20 footcandles at desk level and in the personal grooming area.
- Circulation is at least 10 cubic feet of outside or recirculated filtered air per minute per human occupant.
- Temperatures are appropriate to the summer and winter comfort zones;

- Noise levels do not exceed 70 decibels in daytime and 45 decibels at night. (Detention—not applicable; holding—important) (See related standard 2-5139)

2-5114. Existing renovation. Where used, multiple occupancy rooms house no less than four and no more than 50 inmates each who are screened prior to admission for suitability to group living; the rooms provide:

Continuing observation by staff.

A minimum floor area of 50 square feet per occupant in the sleeping area and a clear floor to ceiling height of not less than eight feet.

Toilet and shower facilities at a minimum of one operable toilet and shower for every eight occupants.

One operable wash basin with hot and cold running water for every six occupants.

Natural light.

Beds above floor level.

A locker for each occupant.

Documentation by an independent, qualified source that:

- Lighting is at least 20 footcandles at desk level and in the personal grooming area.
- Circulation is at least 10 cubic feet of outside or recirculated filtered air per minute per occupant.
- Temperatures are appropriate to the summer and winter comfort zones.
- Noise levels do not exceed 70 decibels in daytime and 45 decibels at night. (Detention—essential; holding—essential)

2-5115. Existing, renovation, addition, new plant. The segregation rooms provide living conditions that approximate those of the general inmate population; all exceptions are clearly documented. Segregation housing units provide:

Single occupancy rooms or cells with a floor area of at least 70 square feet.

A bed at above floor level, desk or writing space and stool.

Continuous access to the following sanitation facilities:

- Above-floor toilet facilities.
- Hot and cold running water.

Natural light.

Documentation by an independent, qualified source that:

- Lighting is at least 20 footcandles at desk level and in the personal grooming area.
- Circulation is at least 10 cubic feet of outside or recirculated filtered air per minute.
- Temperatures are appropriate to summer and winter comfort zones.
- Noise levels do not exceed 70 decibels in daytime and 45 decibels at night. (Detention—important; holding—not applicable)

2-5116. Existing, renovation, addition, new plant. A room used for segregation permits inmates assigned to it to communicate with staff and has a door that permits observation by staff. (Detention—essential; holding—essential)

2-5117. Existing, renovation, addition, new plant. When seriously ill, mentally disordered, injured or nonambulatory inmates are held in the facility, there is at least one single-occupancy cell or room for them that provides for continuing staff observation. (Detention—essential; holding—essential)

2-5118. Existing, renovation, addition, new plant. When both males and females are housed in the same facility they are provided separate sleeping quarters that are separated visually and acoustically. (Detention—essential; holding—essential)

2-5120. Addition, new plant. There are at least two identifiable exits in each inmate housing area/cell block and other high density area to permit the prompt evacuation of inmates and staff under emergency conditions. (Detention—mandatory; holding—mandatory)

2-5122. Existing, renovation, addition, new plant. Space is provided for the secure storage of chemical agents, restraining devices and related security equipment and the equipment is located in an area that is readily accessible to authorized persons only. (Detention—essential; holding—essential)

2-5123. Existing, renovation, addition, new plant. There are sally ports between inmate areas and areas providing access to the public. (Detention—essential; holding—essential)

2-5124. Existing renovation. There is a separate day room leisure time space for each cell block or detention room cluster. (Detention—essential; holding—not applicable)

2-5125. Existing. Space outside the cell or room is provided for inmate exercise. (Detention—essential; holding—important)

2-5126. Existing, renovation, addition, new plant. When the facility provides food service, the kitchen has a minimum of 200 square feet of floor space. (Detention—essential; holding—essential)

2-5127. Existing, renovation, addition, new plant. Consistent with the size of the facility, space is provided for administrative, professional, and clerical staff, including conference rooms, employee lounge, storage room for records, public lobby and toilet facilities. (Detention—essential; holding—important)

2-5128. Existing, renovation, addition, new plant. There is at least one multipurpose room available for inmate activities such as religious services, education programs or visiting. (Detention—essential; holding—important)

2-5130. Existing, renovation, addition, new plant. A room or closet equipped with a sink is provided for the storage of cleaning supplies and equipment. (Detention—essential; holding—essential)

2-5131. Existing, renovation, addition, new plant. Storage space is provided for clothing, bedding, and facility supplies. (Detention—essential; holding—essential)

2-5132. Existing, renovation, addition, new plant. Space is provided for the secure storage of inmates' personal property. (Detention—essential; holding—essential)

2-5134. Existing, renovation, addition, new plant. The institution conforms to applicable Federal, State, and local building codes. (Detention—essential; holding—essential)

2-5136. Existing, renovation, addition, new plant. There is documentation by an independent, qualified source that the interior finishing material in inmate living areas, exit areas, and places of public assembly are in accordance with recognized national fire safety codes. (Detention—mandatory; holding—mandatory)

2-5137. Addition, new plant. All cells and detention rooms are designed for single-occupancy only. (Detention—essential; holding—essential) (See related standard 2-5114)

2-5138. Addition, new plant. All single cells or rooms in *detention facilities* have, at a minimum, 70 square feet of floor space. (Detention—essential; holding—not applicable) (See related standards 2-5111, 2-5112, and 2-5115)

2-5139. Addition, new plant. All single cells and rooms in *holding facilities* have, at a minimum:

70 square feet of floor space, with no less than 7 feet between walls and no less than 8 feet between the floor and ceiling.

Access to the following sanitation facilities:

- Toilet above floor level that is available for use without staff assistance 24 hours a day.
- Wash basin and drinking water.
- Shower facilities.
- Hot and cold running water.

A bed at above floor level, desk, or writing surfaces, hooks or closet space, chair or stool.

Documentation by an independent, qualified source that:

- Lighting is at least 20 footcandles at desk level and in the personal grooming area that is both occupant and centrally controlled.
- Circulation is at least 10 cubic feet of fresh or purified air per minute per human occupant.
- Temperatures are appropriate to the summer and winter comfort zones.

-
- Noise levels do not exceed 70 decibels in daytime and 45 decibels at night. (Detention—not applicable; holding—essential)

2-5141. Addition, new plants. The facility is designed and constructed so that inmates can be separated according to existing laws and regulation, or according to the facility's classification plan. (Detention—essential; holding—essential)

2-5142. Addition, new plants. Handicapped inmates are housed in a manner which provides for their safety and security. Cells or housing units used by them are designed for their use, and provide the maximum possible integration with the general population. Appropriate institution programs and activities are accessible to handicapped inmates confined in the facility. (Detention—essential; holding—essential)

2-5143. Addition, new plants. All parts of the facility that are accessible to the public are accessible to and usable by handicapped persons. (Detention—important; holding—important) (See related standard 2-5142)

2-5144. Addition, new plants. There is a dayroom for each cell block or detention room cluster. The room

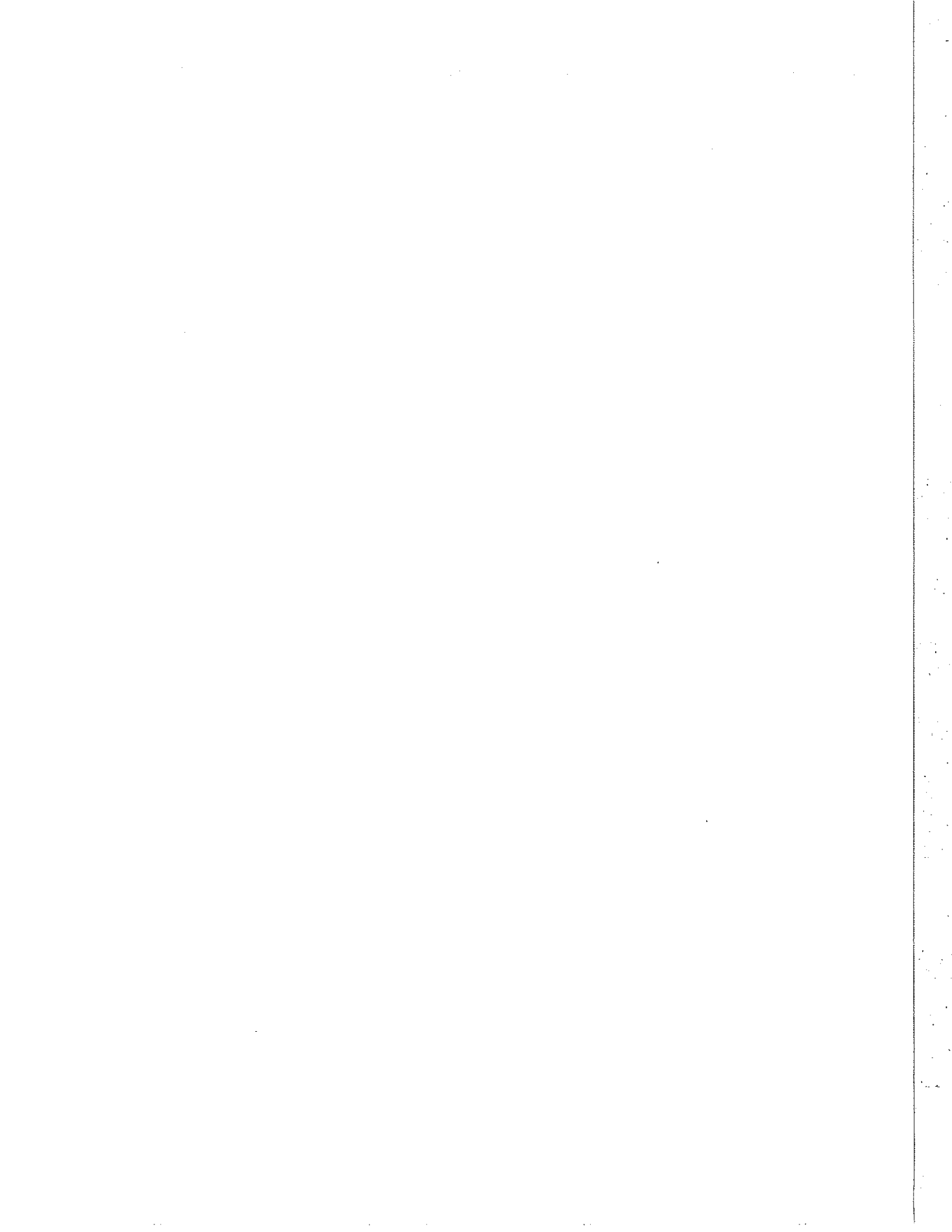
has a minimum of 35 square feet of floor space per inmate and is separate and distinct from the sleeping area which is immediately adjacent and accessible. (Detention—essential; holding—important)

2-5145. Renovation, addition, new plant. In facilities with bed space for less than 100 inmates, indoor and outdoor exercise areas provide a minimum of 15 square feet per inmate. (Detention—essential; holding—not applicable)

2-5146. Renovation, addition, new plant. In facilities with bed space for 100 or more inmates, indoor and outdoor exercise areas are a minimum of 30 by 50 square feet. (Detention—essential; holding—not applicable)

2-5148. Additions, new plants. Separate and adequate space is provided for all mechanical equipment. (Detention—essential; holding—essential)

For a complete copy of the ACA Standards, contact the American Correctional Association, 4321 Hartwick Road, Suite L-208, College Park, MD 20740, telephone 301-699-7600.



Appendix B

Reference: Architects and
construction managers



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| Alexander/Truex/de Groot | St. Johnsbury Community Correctional Center | 542 |
| Alpha Three | Hunt Correctional Center | 264 |
| Architects Boudreaux, Ltd. | Gilliam Psychiatric Center | 450 |
| Architectural Inspection Service | Sunnyvale Public Safety Building and Temporary Holding Facility | 150 |
| Architecture One, Ltd. | Pima County Adult Detention Center | 88 |
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| Arthur Industries, Inc. | Southern State Correctional Facility: Modular Units (Phase I and II) | 344 |
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| Barnes, Landes, Goodman and Youngblood | Jester Unit Number 3 | 502 |
| Barnes, Landes, Goodman and Youngblood | Wallace Pack Unit I | 528 |
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| B.F.W. Construction Company | Wallace Pack Unit I | 528 |
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| Bodrell Joer' dan Smith Partnership | Elmwood—Barracks 24 | 116 |
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| Brooks Association for Architecture and Planning | Brazoria County Sheriff's Department Detention Center II | 468 |
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| Bryant Architect, Ltd. | Clarke County Correctional Institution | 200 |
| Burt Taggart & Associates/Architects | Clark County Detention Facility | 96 |
| Burt Taggart & Associates/Architects | Garland County Detention Facility | 100 |
| Burt Taggart & Associates/Architects | Saline County Detention Facility | 104 |
| Cannon Design | Erie County Holding Center | 370 |
| Carmen Vincent Gintoli | Wildwood Correctional Center | 74 |
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| Christopher Di Stefano & Associates, Inc. | Missouri City Police Department | 510 |
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Where can you get more information on correctional planning, construction, and standards?

American Correctional Association publications. . .

Design Guide for Secure Adult Correctional Facilities. A practical guide for architects, planners, and administrators. More than 175 sketches, photographs, and plans. Covers space requirements, special equipment for inmate housing, security features, and much more. 1983. 207 pp.

Correctional Facility Planning and Design, by Jay Farbstein. Guides architects, county authorities, and correctional staffs through a model planning process to help solve crowding, limited resources, and antiquated facilities. Step-by-step details, worksheets, and forms. 1986. 388 pp.

1988 Directory of Juvenile and Adult Correctional Departments, Institutions, Agencies, and Paroling Authorities. 50th anniversary edition contains the latest information on State and Federal correctional systems in the U.S. and federal and provincial systems in Canada. Lists names, addresses, phone numbers, and wardens/administrators. Includes fiscal, personnel, and statistical data, plus a new feature on exemplary construction. 1988. 650 pp.

1986-88 National Jail and Adult Detention Directory. Lists addresses, phone numbers, sheriffs/administrators, and deputies for more than 3,100 county jails and local adult detention facilities in the U.S. Describes inmate populations, annual budgets, years built/renovated, and more. 364 pp.

1988 Correctional Standards Supplement. Updates all adult and juvenile standards with every approved addition, revision, deletion, and/or interpretation. 135 pp.

Standards and guidelines

Standards for Juvenile Community Residential Facilities. 216 standards focusing on 13 important areas for operating programs and outlining residents' access to the surrounding community. 1983. 63 pp.

Standards for Juvenile Detention Facilities. 422 standards addressing the special needs of short-term juvenile detention. 1983. 133 pp.

Standards for Juvenile Training Schools. 420 standards covering 20 program areas for long-term juvenile incarceration. 1983. 129 pp.

Standards for Adult Community Residential Services. 191 standards covering 15 program areas ensure that community corrections is a viable and cost-effective alternative to confinement. 1981. 65 pp.

Standards for Adult Correctional Institutions. 495 standards cover 27 critical program areas for effective institutional management, including safety and emergency procedures, security and control, inmate discipline, staff development, and more. 1981. 163 pp.

Standards for Adult Local Detention Facilities. 392 standards focusing on 22 program areas such as personnel, training, safety, sanitation, security, health care, reception, and inmate supervision address the special needs of local jails. 1981. 142 pp.

Standards for Correctional Industries. 74 standards provide clear guidance on the purpose, day-to-day operation, and long-term planning of correctional industries. 1981. 32 pp.

Guidelines for the Development of a Security Program. Presents ideas and concepts for designing or updating a comprehensive security program. Discusses security basics, specific duties and responsibilities, emergency preparedness, and more. 1987. 278 pp.

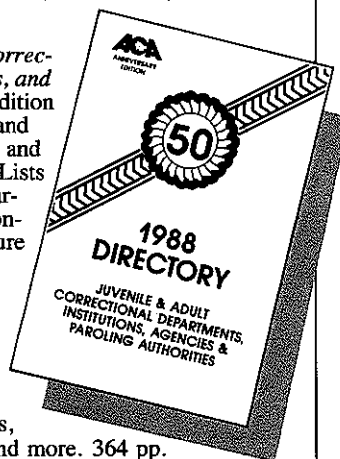
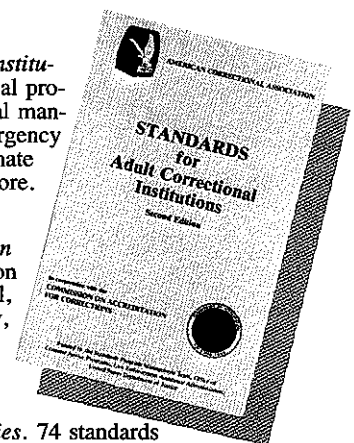
Guidelines for the Development of Policies and Procedures—Adult Community Residential Services. Applicable policies and procedures for the effective management and administration of community facilities. 1981. 230 pp.

Guidelines for the Development of Policies and Procedures—Adult Correctional Institutions and Adult Local Detention Facilities. Clear examples for formulating day-to-day policies and procedures. Includes sample policies covering all aspects of facility operation and a guide to developing policies and procedures that meet the unique needs of facilities. 1987. 500 pp.

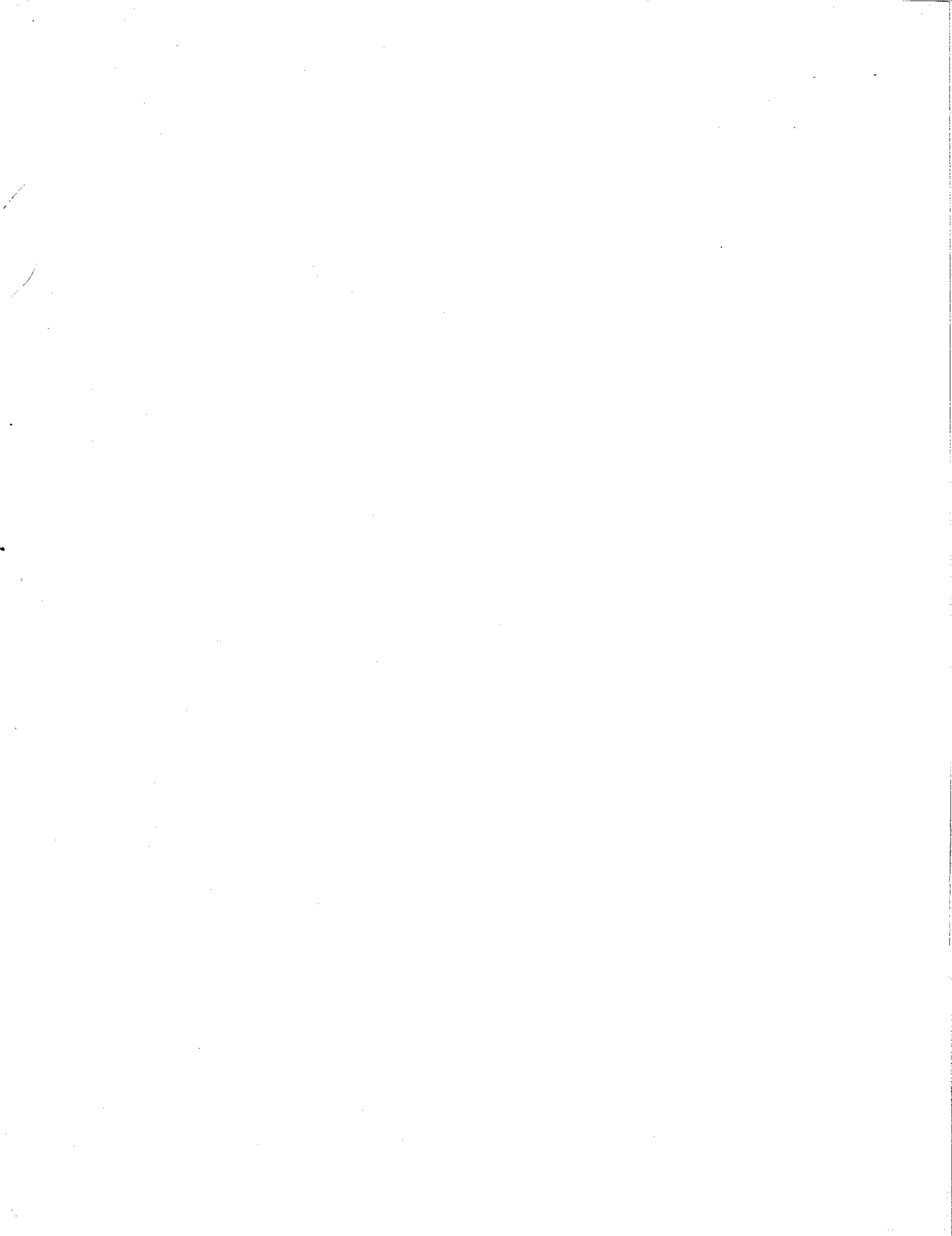
How can you order these publications?

Call the ACA toll free at 1-800-825-BOOK (Maryland and Metropolitan Washington, D.C., callers, use 301-699-7675). You can also write to the ACA at:

ACA Publications
4321 Hartwick Road
College Park, MD 20740



ACA Construction and Renovation Survey. Contains current information on all construction and renovation projects in U.S. and Canadian correctional systems. Includes budgeted capital expenditures, contact names and phone numbers, completion dates, security levels, and much more. To order, call 301-699-1600.



What is the National Institute of Justice Construction Information Exchange?

Created by the National Institute of Justice, the Construction Information Exchange centralizes and shares data about prison and jail construction. It is a network of people and a source of information that...

- Puts you in touch with other State and local officials across the country.
- Describes how others quickly built lower-cost jails or prisons.
- Shares ideas on innovative designs and new management concepts.
- Refers you to construction specialists, such as architects, engineers, and construction managers.

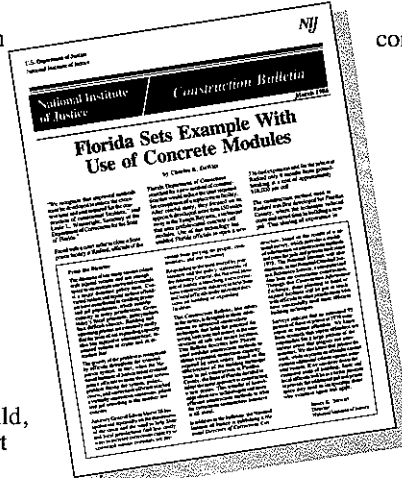
The exchange has helped a variety of people since it began and it can help you as well. When your community needs to build, expand, or remodel a corrections facility, you don't have to start from scratch. You can build on the experience of officials who faced similar situations in other communities.

The exchange has three components:

- **The Construction Data Base**—a system that serves as a continuing, up-to-date information resource. With listings for recently designed prisons and jails, the data base contains more than 150 types of information on each facility—such as construction costs, construction time, facility dimensions, inmate security, methods for dealing with crowding, fire protection systems, staffing levels, and operational costs. Accessible through trained corrections information specialists, the data base includes every facility listed in the *National Directory of Corrections Construction* and is regularly updated and expanded.

You can obtain from the data base a customized Correctional Facility Profile Search listing all facilities that match the specifications you request. For example, if you need to know the cost of a 300-inmate facility using direct supervision, you can receive printouts of all such facilities from the data base. Free information is available by phone and more detailed printed reports can be ordered by contacting the Construction Information Exchange at the number listed below.

- **The National Directory of Corrections Construction**—a document that provides a wealth of information on construction methods and costs for 262 jails and prisons built since 1978. The directory includes a floorplan of a typical housing unit for most facilities. The directory may be used as a resource manual for contacting facility administrators, sheriffs, architects, and other professionals who have recently



completed a prison or jail project. To obtain a copy of the directory, contact the Construction Information Exchange.

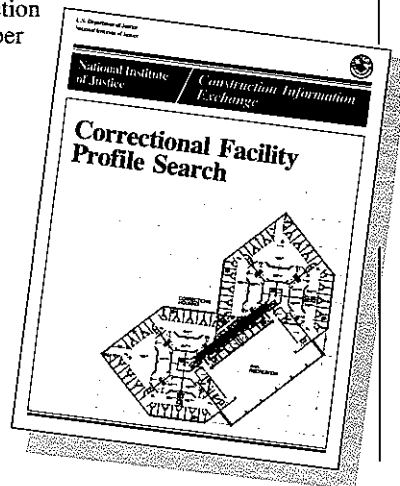
- **Construction Bulletins**—pamphlets that feature case studies of critical corrections issues and noteworthy construction projects. These summaries explain how jurisdictions have realized savings in time, money, or both. The bulletins cover areas such as construction financing, jail planning, security perimeters, and modular building techniques. Copies of the bulletins are available free from the Construction Information Exchange.

Who can use the Construction Information Exchange?

- Corrections commissioners
- Sheriffs
- Prison and jail officials
- Legislators
- State and local government officials
- Architects
- Construction managers
- Planners and consultants
- Engineers

How can you enter a facility or update information in the data base?

Architects who have designed corrections construction projects since 1978 should contact the Construction Information Exchange for a survey form to enter the facility in the exchange. Similarly, corrections officials or administrators of facilities constructed since 1978 but not listed in the directory may contact the Construction Information Exchange, which will mail a survey form to the architect of their facility. Every effort has been made to verify all information in the directory. If you would like to add, change, or update any of the data in this publication, simply call the Construction Information Exchange.



How can you contact the exchange?

Call the exchange toll free at 1-800-851-3420 (Maryland and Metropolitan Washington, D.C., callers, use 301-251-5500). You can also write to the exchange at:

Construction Information Exchange
National Institute of Justice/NCJRS
Box 6000
Rockville, MD 20850

National Institute of Justice

*Construction
Directory*